AGENDA
DANIA BEACH CITY COMMISSION
REGULAR MEETING
TUESDAY, JANUARY 14, 2020 - 7:00 PM

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE WITH REGARD TO ANY MATTER CONSIDERED AT THIS MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDING, AND FOR SUCH PURPOSE MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDING IS MADE WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

LOBBYIST REGISTRATION IS REQUIRED. PRIOR TO ENGAGING IN ANY LOBBYING ACTIVITIES, WHETHER OR NOT COMPENSATION IS PAID OR RECEIVED IN CONNECTION WITH THOSE ACTIVITIES, EACH LOBBYIST SHALL FILE WITH THE CITY CLERK AN ANNUAL REGISTRATION STATEMENT AND PAY AN ANNUAL TWO HUNDRED FIFTY DOLLARS ($250.00) REGISTRATION FEE FOR EACH PRINCIPAL OR EMPLOYER. REGISTRATION FORMS ARE AVAILABLE ON THE CITY WEBSITE: WWW.DANIABEACHFL.GOV. (ORDINANCE #2012-019; AMENDED BY ORDINANCE #2019-019)

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, PERSONS NEEDING ASSISTANCE TO PARTICIPATE IN ANY OF THESE PROCEEDINGS SHOULD CONTACT THE CITY CLERK'S OFFICE, 100 W. DANIA BEACH BOULEVARD, DANIA BEACH, FL 33004, (954) 924-6800 EXTENSION 3624, AT LEAST 48 HOURS PRIOR TO THE MEETING.

IN CONSIDERATION OF OTHERS, WE ASK THAT YOU:

A. PLEASE TURN CELL PHONES OFF, OR PLACE ON VIBRATE. IF YOU MUST MAKE A CALL, PLEASE STEP OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.
B. IF YOU MUST SPEAK TO SOMEONE IN THE AUDIENCE, PLEASE SPEAK SOFTLY OR GO OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.

1. CALL TO ORDER/ROLL CALL

2. MOMENT OF SILENCE AND PLEDGE OF ALLEGIANCE

3. PRESENTATIONS AND SPECIAL EVENT APPROVALS

1. Walmart Pharmacy Public Service Announcement presented by A.J. Ubaque, RPh, PharmD - Requested by Commissioner Harris

2. Dania Beach Chamber of Commerce update by Randie Shane

3. Dania Beach Walker's Club Awards

4. Special Event request from Dania Beach Lions Club for their 5th Annual Moonlight Classic Car Show to be held at Frost Park on February 22, 2020 from 6:00 p.m. - 10:00 p.m. The applicant is requesting Special Event fee waiver of $150.00, Port-o-toilets for Frost Park, and BSO Police Escort and Security Details for the event.

5. Special Event request by the City of Dania Beach to have various Martin Luther King, Jr. Day activities throughout the City on January 18 and 20, 2020. The applicant is requesting the following: Special Event fee waiver of $150.00; Port-o-lets for CW Thomas Park; BSO Police Escort Detail for the parade; and BSO Security Detail at C.W. Thomas Park for the festivities.

4. PROCLAMATIONS

1. Dr. Martin Luther King, Jr. Day - Commissioner James

5. CITIZEN COMMENTS

Addressing the Commission: Comments by Dania Beach citizens, or other interested parties that are not part of the regular agenda, may be made during each Commission meeting during the period set aside for "citizen comments." A thirty (30) minute "citizen comments" period shall be designated on the agenda for citizens and interested persons to speak on matters not scheduled on that day's agenda. Each speaker shall be limited to 3 minutes for his or her comments. Persons desiring to speak during the citizen comment period shall inform the City Clerk prior to the beginning of the meeting of their intention to speak. If more than 10 speakers express a desire to speak, the Commission shall determine, on a meeting by meeting basis, whether to (a) extend the time allotted for citizen comments to accommodate all speakers, or (b) whether to limit the number of speakers or amount of time per speaker. A speaker's time shall not be transferable to another speaker.

6. PUBLIC SAFETY REPORTS

7. CONSENT AGENDA

1. Minutes:

   Approve Minutes of December 10, 2019 City Commission Meeting

2. Travel Requests: None

3. RESOLUTION NO. 2020-001

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY VARIOUS CITY DEPARTMENTS FOR SERVICES TO BE PURCHASED FROM PUBLIC UTILITY MANAGEMENT PLANNING SERVICES, INC. FOR PROFESSIONAL ENGINEERING SERVICES FOR FISCAL YEAR 2019-2020 (ENDING SEPTEMBER 30, 2020), THAT EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00); AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

4. RESOLUTION NO. 2020-002

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE RE-APPROPRIATION OF TWO HUNDRED THOUSAND DOLLARS ($200,000.00) OF UNUSED FUNDS FROM THE OASIS XIV PROJECT FISCAL YEAR 2017-2018 TO PROVIDE NEEDED FUNDING FOR A TRANSIT OPERATIONS STUDY FOR THE MULTI-MODAL TRANSPORTATION PROJECT AND BEACHFRONT PARKING LOT LIGHTING; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

5. RESOLUTION NO. 2020-003

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN AGREEMENT WITH THE CORRADINO GROUP FOR A COMPREHENSIVE TRANSPORTATION/TRANSIT ANALYSIS UTILIZING THE LEE COUNTY CONTRACT #160427/ANB C-7770 FOR FISCAL YEAR 2019-2020, IN AN AMOUNT NOT TO EXCEED FORTY ONE THOUSAND DOLLARS ($41,000.00), WITHOUT COMPETITIVE BIDDING AND AUTHORIZING SUCH PURCHASES THAT ARE TO BE MADE WITHIN THE PUBLIC SERVICES DEPARTMENT'S APPROVED ANNUAL BUDGET APPROPRIATION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

6. RESOLUTION NO. 2020-004

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE ONE (1) FORD F-350 UTILITY BODY TRUCK WITH A CRANE INCLUDED FOR THE PUBLIC SERVICES DEPARTMENT IN AN AMOUNT NOT TO EXCEED SIXTY FOUR THOUSAND NINE HUNDRED SEVENTY NINE DOLLARS ($64,979.00) FROM PALMETTO FORD TRUCK SALES, INC., WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS ASSOCIATION ("FSA") CONTRACT 19-VEH17.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

7. RESOLUTION NO. 2020-005

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE THREE (3) FORD F-250 FULL SIZE TRUCKS FOR THE PUBLIC SERVICES DEPARTMENT, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED THREE THOUSAND FIVE HUNDRED FIFTY TWO DOLLARS ($103,552.00) FROM BOZARD FORD, WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS, BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS' ASSOCIATION ("FSA") CONTRACT 19-VEL27.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

8. RESOLUTION NO. 2020-006

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING VARIOUS DEPARTMENTS TO UTILIZE DELL MARKETING LP UNDER THE STATE OF FLORIDA CONTRACT NO. 43211500-WSCA-15-ACS ENDING MARCH 31, 2020 AND TO EXCEED THE CITY'S ANNUAL VENDOR THRESHOLD TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00) FOR THE TERM OF THE CONTRACT;

AUTHORIZING SUCH PURCHASES THAT ARE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Finance)*

8. BIDS AND REQUESTS FOR PROPOSALS

1. RESOLUTION NO. 2020-007

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE AWARD OF A BID RELATED TO INVITATION TO BID ("ITB") NO. 19-009 FOR COMMUNITY BUS TRANSPORTATION SERVICES TO LIMOUSINES OF SOUTH FLORIDA, INC. IN AN AMOUNT OF FORTY FIVE DOLLARS ($45.00) PER HOUR; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Parks & Recreation)*

9. PUBLIC HEARINGS

1. ORDINANCE NO. 2020-001

   AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 18, ENTITLED "PENSIONS AND RETIREMENT", ARTICLE IV, ENTITLED POLICEMEN AND FIREMEN", SECTION 18-42, ENTITLED "BENEFIT AMOUNTS AND ELIGIBILITY" OF THE CITY CODE OF ORDINANCES RELATING TO THE POLICE AND FIREFIGHTERS' RETIREMENT SYSTEM; AMENDING THE ORDINANCE IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 2019-21, LAWS OF FLORIDA; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Police & Fire Pension Administrator)*

2. ORDINANCE NO. 2020-002

   AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE REQUEST MADE BY LEIGH ROBINSON KERR, ON BEHALF OF BEJL 4200 REAL ESTATE, LLC, TO AMEND CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" (TX-155-19) TO AMEND THE MAXIMUM ALLOWED DENSITY IN THE MULTIPLE-FAMILY (25 DU/AC) RESIDENTIAL DISTRICT (RM-2); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Community Development)*

3. ORDINANCE NO. 2020-003

   AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" TO AMEND THE MINIMUM LOT WIDTH AND DEPTH, MAXIMUM ALLOWED HEIGHT AND COVERAGE PERCENTAGE, AND THE MINIMUM INTERIOR OR SIDE, REAR, AND CORNER SIDE YARDS FOR TOWNHOUSES IN THE RM-1 AND RM-2 DISTRICTS (TX-165-19); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)** *(Community Development)*

4. RESOLUTION NO. 2020-008

   A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-145-19), VARIANCES (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19,) AND DESIGN VARIATIONS (OT-172-19, OT-173-19, & OT-174-19) SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC., ON BEHALF OF COMERLAT HOSPITALITY 1, LLC FOR PROPERTY LOCATED AT 321 N. FEDERAL HIGHWAY IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT "A," A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Community Development)*

10. DISCUSSION AND POSSIBLE ACTION

1. Infrastructure concerns - Mayor Lewellen
2. Dune restoration - Vice-Mayor Odman
3. Art in Public Places - Commissioner James

11. COMMISSION COMMENTS

1. Commissioner Brandimarte
2. Commissioner Harris
3. Commissioner James

4. Vice-Mayor Odman

5. Mayor Lewellen

12. APPOINTMENTS

1. Complete Count Advisory Committee
   Mayor Lewellen - 1 appointment
   Vice-Mayor Odman - 1 appointment
   Commissioner Brandimarte - 2 appointments
   Commissioner Harris - 2 appointments
   Commissioner James - 1 appointment

2. Creative Arts Council Advisory Board
   Mayor Lewellen - 1 appointment

3. Education Advisory Board
   Mayor Lewellen - 1 appointment

4. General Employees Pension Board
   1 Commission Appointment to fill Scott Clark's unexpired term ending June 22, 2020

5. Green Advisory Board
   Mayor Lewellen - 1 appointment
   Vice-Mayor Odman - 1 appointment

13. ADMINISTRATIVE REPORTS

1. City Manager

2. City Attorney

3. City Clerk - Reminders

Tuesday, January 28, 2020 - 7:00 p.m.	City Commission Meeting
Tuesday, February 11, 2020 - 5:30 p.m.	CRA Board Meeting
Tuesday, February 11, 2020 - 7:00 p.m.	City Commission Meeting

14. ADJOURNMENT

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Special Event

Continued from:

Requested Action (Identify appropriate Action or Motion)
Special Event request from Dania Beach Lions Club for their 5th Annual Moonlight Classic Car Show to be held at Frost Park on February 22, 2020 from 6:00 p.m. - 10:00 p.m. The applicant is requesting Special Event fee waiver of $150.00, Port-o-toilets for Frost Park, and BSO Police Escort and Security Details for the event.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo to Commission - 5th Annual DB Lion's Moonlight Classic Car Show, Special Events Application - 5th Annual DB Lion's Club Moonlight Car Show

CITY OF DANIA BEACH
PARKS AND RECREATION DEPARTMENT

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, City Manager, ICMA-CM

VIA: Eric Brown, Parks and Recreation Director

RE: Special Events Application Request for the 5th Annual Dania Beach Lion's Moonlight Classic Car Show scheduled for Saturday, February 22, 2020

REQUEST

A Special Event is requested by the City of Dania Beach and Dania Beach Lion's Club to have the 5th Annual Dania Beach Lion's Moonlight Classic Car Show on February 22, 2020. The requested event will be held at Frost Park located 300 N.E. 2nd Street, Dania Beach, FL 33004 from 6:00 p.m. to 10:00 p.m.

BACKGROUND

This is an event that is in its fifth year of celebration. This event boasts classic cars, music, and food. This is a community event to celebrate the life of Nicholas James Costello who passed away at the tender age of 22 years young. Through his passing, the Nicholas James Costello Dania Lions Scholarship Fund was created to provide scholarships to students with disabilities.

BUDGETARY IMPACT

The special events application fee for this event is $150.00.

RECOMMENDATION

Applicant will pay for necessary services recommended below.

It is recommended that the City Commission Approve the Special Events Application request in whole with compliance of the conditions noted below:

Staff	Comments/Conditions	
BSO Fire Dept. – Fire Prevention Officer Zipoli	*Fire Marshal's Report attached*	
BSO Police Dept. - Lt. Stallings	Deputy will be delivering the vehicle and providing security. No further concerns.	

DANIA BEACH
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CITY OF DANIA BEACH
PARKS AND RECREATION DEPARTMENT

MEMORANDUM

Code Enforcement - Eric Walton	No concerns raised.	
Community Dev. – Jack Fisher	Building Permits are required for porta-potties and gas grill. (Plumbing Permit)	
Community Dev. - Corinne Lajoie	Applicant must identify where the anticipated five hundred (500) people will be parking, and any signed agreements with the property owners for parking off-site.	
City Attorney - Tom Ansbro	No concerns raised.	
HR/Risk Mgmt. – Kristin Milligan	DJ would need to sign a hold harmless agreement (agreement attached).	
Parks & Recreation – Eric Brown	No concerns raised.	
Public Services	No concerns raised.	

Department of Fire Rescue & Emergency Services - Fire Marshal's Office

Dania Beach District

103 West Dania Beach Blvd. • Dania Beach, Florida 33004
Office: (954)342-4262 • Fax: (954)342-4265

SPECIAL EVENT APPLICATION REVIEW / COMMENTS

Event Name: Dania Lion's Club Moonlight Classic Car Show
Event Date(s): Saturday 2/22/2020 1800-2200hrs
Event Location: Frost Park, 300 NE 2nd Street, Dania Beach
Event Reviewed By: David Zipoli Date of Review: 12/17/19

☐ **EVENT IS APPROVED** ☒ **EVENT IS APPROVED WITH CONDITIONS (See Below)**
☐ **EVENT CANNOT BE APPROVED UNTIL FURTHER INFORMATION HAS BEEN PROVIDED (See Below)** ☐ **EVENT HAS BEEN DENIED BY THE FIRE MARSHAL**

Special Event Applicant must address any and all checked items below.

☐ **Insurance Rider Required** – Provide a legible copy of the liability insurance rider naming the Broward Sheriff's Office/ 2601 West Broward Boulevard / Ft. Lauderdale, FL 33312.

☐ **Site Plan Required** - A site plan indicating the following conditions must accompany the application or the application will be rejected, resulting in a significant time delay. The fire department must have easy access to the special event area. The site plan must include the following: entrances and exits, emergency vehicle access routes, parking, general vehicular drive paths, fire hydrant locations, fire department connections, street closure requests, fenced areas, grandstand, bleacher or other seating locations, tent and stage locations, cooking areas, and locations of any pyrotechnical material, fireworks, etc. In addition, the site plan must include the location of any rides (animal or mechanical), petting zoos, exhibits, DJ's, bands, performers, sanitary facilities, recreation vehicles for overnight housing, etc.

☐ **Crowd Control / Management Plan** – Provide a written plan as to how crowd management will be obtained. Include the number of personnel being utilized to achieve maintaining the Maximum Capacity within the structure and the locations where these personnel will be stationed. Include the locations of all ingress and egress locations for the structure / building. In addition, provide the mechanism or method that will be utilized for maintaining an accurate count of the number of persons inside the structure at all times. Please be sure to include the Maximum Capacity assigned to the structure or building on this plan and ensure that adequate signs are obscurely posted in the structure of building. This Crowd Control / Management Plan must be approved by the Fire Marshal prior to the event.

☒ **Fire extinguishers Required** – Fire extinguishers must be supplied for each tent, canopy, cooking appliance and stage. They must be accessible from anywhere in the tent or on the stage without having to travel any further than 75 feet for access. Extinguishers must be easily accessible and not obscured from view. Fire extinguishers must be commercial "ABC Multi-Purpose" (minimum 5lbs.) fire extinguishers that are currently certified and tagged by a licensed company.

☐ **Tent/Canopy Permits Required** - Obtain permits from the City of Dania Beach Building Department. (Note: Minimum spacing requirements between tents utilized for cooking shall be 10 feet).

☐ **Tent/Canopy Egress Plan Required** – Provide an egress plan for Tents / Canopies to indicate all the following: Locations of Exits, Locations of all exit signs and emergency lighting, aisle spacing, table and seating arrangements (Including spacing between tables, chairs, etc.), locations of any service area including but not limited to bars and food, locations of any stage, DJ, band, etc.

BSO FMO SPECIAL EVENT APPLICATION REVIEW (Continued)

☐ **Generator Permits May Be Required** – Confirm with City of Dania Beach Building Department for determination.

☒ **Power cords** shall be sufficiently protected from water and shall not create a trip hazard for patrons and/or event workers.

☐ **Gas Grills** (other than those with a UL Listing and typically bought at Home Depot, Lowes, etc. for home grilling, non-commercial use) must be permitted and pass a fire inspection and drop test (performed by a licensed Gas Company). Obtain permits from the City of Dania Beach Building Department.

☐ **LP Gas Containers** must be secured in an approved method and cordoned off from patron access in an approved method. The LP Gas containers must be a minimum of 10 feet from any heat source or open flame. "NO SMOKING" signs shall be posted at all LP Gas Container locations.

☐ **Fire Department Access (or additional access) required** - Contact the Fire Marshal's Office at (954)342-4262.

☐ **Street Closure Conflict** - Contact the Fire Marshal's Office at (954)342-4262.

☐ **Fenced Area Conflict** - Contact the Fire Marshal's Office at (954)342-4262.

☐ **Stages** - Identify the type of construction (Wood, Metal, Stage made from a Trailer, etc.). Plans & Permits may be required.

☐ **Grandstands / Bleachers** - Identify the type of construction (Wood, Metal, Grandstands/Bleachers made from a Trailer, etc.) (Plans & Permits may be required)

☒ **Any trailer or vehicle used in the preparation of food that creates grease laden vapors** must have a UL-300 compliant automatic fire suppression system. This suppression system must be tagged and currently certified by a Florida licensed, automatic fire suppression system contractor

☒ **Grease Fryers**

> **Grease Fryers are not permitted indoors** unless they are protected with an approved a UL-300 compliant automatic fire suppression system. This suppression system must be tagged and currently certified by a Florida licensed, automatic fire suppression system contractor.
> **Grease Frying Areas must have a Class K Fire Extinguisher** that has is currently certified and tagged by a licensed company. Any grease frying area that does not have a currently certified and tagged Class K Fire Extinguisher will not be permitted to operate or be put in use. All grease fryers must be secured in an area located away from the general public access.

☒ **Food Trucks** that utilize cooking appliances for foods that create grease-laden vapors must be equipped with a currently certified and tagged Automatic Fire Suppression System and must pass a fire inspection prior to use.

☐ **No overnight lodging** is permitted at the event unless the lodging is in an "RV" or other approved accommodation and the location of the "RV" or other accommodation has been approved by the Fire Marshal's Office.

☐ **Amusement Rides must be currently tagged** by the Florida Department of Agriculture & legible copies of the amusement ride inspections shall be provided to the Fire Marshal's Office at the time of Fire Inspection. Any amusement ride that does not pass Florida Department of Agriculture Inspection(s), City Electrical Inspection(s) and Fire Inspection(s) shall not be permitted to open. Those rides not passing any of the above inspections shall remain closed to patrons until such time as the inspections have been approved. The rides shall be cordoned off with Fire Line Tape

☐ **Each individual amusement ride must have a dedicated fire extinguisher**. The fire extinguisher(s) must be commercial, "ABC" Multi-purpose type fire extinguisher(s) (Minimum 5 lbs.), and be currently tagged and certified by a Florida-licensed fire extinguisher contractor. The fire extinguisher(s) must be easily accessible and not obscured from view.

BSO FMO SPECIAL EVENT APPLICATION REVIEW (Continued)

☐ **The use of pyrotechnics and/or fireworks display is not permitted at this location.**

☐ **The use of pyrotechnics and/or fireworks display** shall comply with the currently adopted edition of the Florida Fire Prevention Code.

☐ **Other Requirements and/or Special Notes:**
Propane vendor capable of testing propane gas systems of food truck vendors must be on site during fire inspection.
Event applicant is responsible for the coordination and costs of required propane vendor.

INSPECTION AND/OR DETAIL REQUIREMENTS

Pre-Event Inspections Required:
☐ NO ☒ YES
☐ N/A ☐ (Dates & Times): 2/22/2020 1600-2000hrs

TYPE OF INSPECTION REQUIRED:
__ Normal Inspection Hours
_X_ After-Hours (4-Hours or Less)
__ After Hours (Greater than 4 Hours)

Fire Inspector Stand-By Detail Required:
☒ NO ☐ YES
☐ N/A ☐ (Dates & Times): _____

Operational Detail Required:
☒ NO ☐ YES
Type: _____
Dates & Times: _____

☐ N/A ☒ **INVOICE TO FOLLOW FOR PRE-EVENT INSPECTIONS AND/OR DETAILS.**

RELEASE, HOLD HARMLESS AND INDEMNIFICATION AGREEMENT

In exchange for permission granted to the Individual (identified below) by the City of Dania Beach, Florida (referred to as "City", such term also including each of its elected officials, employees, agents, attorneys, and all persons and entities directly or indirectly associated with it), in connection with performing the duties and functions associated with providing disc jockey (DJ) services at various event(s) (the "Event") sponsored by the City and for other good and valuable consideration, the adequacy and receipt of which are acknowledged and agreed upon, the Individual and the Individual's successors, assigns, administrators, agents, representatives, attorneys and any person and any entity of any kind claiming by, through or under any of them, remise, release, acquit, satisfy and forever discharge the City from every and any manner of action and actions, cause and causes of action, damages, suits and claims and demands whatsoever, whether known or unknown, in law or in equity, which Individual ever had, now has, or which Individual, or anyone claiming by, through or under Individual subsequently can, shall or may have against City, upon or by reason of any matter, cause or thing whatsoever, specifically including, but in no way limited to, all matters arising from or relating to the authorization granted by City for permission to participate in the Event. Individual also specifically agrees to indemnify and hold harmless City from any claim, action, proceeding, liability, damage, loss (including but not limited to any attorney fees, court costs, or both) arising out of participation at the Event. If the City is named in any such claim, action or proceeding, Individual shall defend City at no cost whatsoever to City with legal counsel paid for by Individual and selected by and approved by City. Individual further agrees to indemnify, defend and hold City free and harmless from any and all claims of any nature or kind whatsoever by any individual or entity whatsoever arising from or in connection with the foregoing Event, including any time associated with preparations for it, travel to and departure from the Event site and from the City itself.

It is further understood and agreed by and between the parties identified in this document that no promise, assurance, warranty, representation or agreement not expressed in this document has been made by the parties to this document and that the terms of the document are contractual and not a mere recital.

This document shall be governed by and construed in accordance with the laws of the State of Florida.

IN WITNESS OF THE FOREGOING, the undersigned executed this Release, Hold Harmless and Indemnification Agreement on _____, 20___.

WITNESSES:

_____
Signature

_____
PRINT Name

_____
Signature

_____
PRINT Name

INDIVIDUAL:

_____
PRINT Name

_____
Signature

STATE OF FLORIDA)
COUNTY OF BROWARD)

I CERTIFY before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared _____ (__) who is personally known to me; or (__) who has produced _____ as identification, and who executed the foregoing instrument and who acknowledged before me that she executed the same.

WITNESS my hand and seal in the State and County last aforesaid _____, 20__.

My Commission Expires:

_____
Notary Public
State of Florida at Large

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

City of Dania Beach

100 West Dania Beach Blvd., Dania Beach, FL 33004

SPECIAL EVENTS APPLICATION – EVENTS ON PRIVATE / PUBLIC PROPERTY

Please PRINT or TYPE

NOTE: ALL APPLICATIONS MUST BE COMPLETED AND SUBMITTED TO THE CITY FOR APPROVAL 60 DAYS PRIOR TO THE EVENT INCLUDING PAYMENT OF ALL APPLICATION FEES (SEE ATTACHED).

Event Name, Date, and Time: 5th Annual Dania Beach Lions Moonlite Car Show Feb 22, 2020. 6-10pm

*Brief Description of the Event: Car Show, Food, Music, to Benefit the Nicholas James Costello Dania Beach Lions Scholarship fund

Address/Location of Event: Frost Park 300 N.E 2nd Street Dania Beach, FL

Event Coordinator: Jim Silvernale, Cobra Joe Productions

Telephone #1: 954-648-6905 E-mail Address: Silvfoster@att.net

Telephone #2: 954-983-3160 Fax:

Additional Contact Person for the Event: Cobra Joe Productions

Telephone #1: 954-825-1027 E-mail Address: Jbevsr@msn.com

Telephone #2: Fax:

Organization or Sponsor of Event: Dania Beach Lions Club - P.O. Box 681

Address: 501 S.W 4th Ave, Dania Beach, FL 33004

City, State, Zip Code: Dania Beach, FL - 33004

Telephone: 954-383-1373 Fax: Cell: 954-648-6905

Is this a Non-Profit Organization? [✓] Yes [ ] No Tax ID #: 65-0692229 / 46-2441574

Corporation Name (As it appears in the Articles of Incorporation):

Dania Beach Lions Club Inc / Nicholas J. Costello Dania Lions Scholarship Fund.

Date of Incorporation: 11-29-1982 State of Incorporation: Florida

Federal ID #: 65-0692229 / 46-2441574

Authorizing Official for the Organization: Jim Silvernale Director / President

Telephone #1: 954-648-6905 E-mail Address: Silvfoster@att.net

Telephone #2:

Authorizing Official for the Organization: Jim Silvernale

Please Note *– These streets must also be identified on the site plan.*

***Are you requesting to fence the event area?** ☐ **Yes** ☑ **No**
Please Note – You must identify any fencing area on the site plan.

***Will Canopies (tent structure with no sides) be used for this event?** ☐ **Yes** ☑ **No** Pop-up tents
****Please Note*** - All tent structures with canopies in excess of 400 square feet [Per NFPA 1: Table 1.12.19(a)] require building permits and inspections. All canopies must be flame retardant. A certificate of flame retardency and a sample of the canopy fabric for field testing must be submitted for product approval with this application. This information can be obtained from the canopy manufacturer or the canopy rental company. Please apply for the permit at the Building Department located at 100 W. Dania Beach Blvd. Please allow 8-10 working days for permit approvals.

***Will Tents (With Sides) be used for this event?** ☐ **Yes** ☑ **No** Pop-up tents -
****Please Note*** – All tents in excess of 200 square feet [Per NFPA 1: Table 1.12.19(a)] require building permits and inspections. All tents must be flame retardant. A certificate of flame retardancy and a sample of the tent fabric for field testing must be submitted for product approval with this application. This information can be obtained from the tent manufacturer or the tent rental company. If the tents have sides, they are treated as buildings. They must have two separate exits remotely located from each other with electrically illuminated exit signs that have a battery back-up. In addition, they must have emergency egress lighting and fire extinguishers. Provide a life safety plan for these tents indicating the location of all Exits, Exit Signs, Emergency Lighting, Aisle Spacing, Fire Extinguisher locations, etc. Permits must be obtained for all tents and electrical work. Please apply for all permits at the Building Department located at 100 W. Dania Beach Blvd. Please allow 8-10 working days for permit approvals.

***Will electricity be required for this event?**
(for lighting, sound, cooking, other power needs, etc.) ☑ **Yes** ☐ **No**

***How will this electricity be supplied?** ☑ **On-Site** ☐ **Generator** ☐ **Combination of Both**
Please Note – The use of generators, temporary wiring, temporary electrical connections, etc. require permits and inspections. Please apply for the permit(s) prior to setting up at the Building Department located at 100 W. Dania Beach Blvd. Events requiring electricity are the responsibility of the applicant and must have a master electrician on site. Please allow 8-10 working days for permit approvals. Any generator less than 5KW does not require a permit.

Will there be live entertainment at this event? ☑ **Yes** ☐ **No**

Please indicate the type (Band, DJ, Live Performers, etc.): D.J. / BAND

Please specify the hours of entertainment:

DAY	DATE	START TIME	END TIME	TOTAL # OF HOURS
Saturday	2-22-20	6pm	10pm	4 hours

***Will a stage(s) be used in this event?** ☐ **Yes** ☑ **No**
*Please note Fire Extinguisher Requirement in the next question.

***Do you have adequate fire extinguishers for this event?** ☑ **Yes** ☐ **No**
****Please Note*** - Fire extinguishers must be supplied for each tent, canopy, cooking appliance and stage. They must be accessible from anywhere in the tent or on the stage without having to travel any further than 75 feet for access. Extinguishers must be easily accessible and not obscured from view. Fire extinguishers must be commercial "ABC Multi-Purpose" (minimum 5lbs.) fire extinguishers that are currently certified and tagged by a licensed company. You

Telephone #1: 954-648-6905 E-mail Address: Silvfoster@att.net

Telephone #2: _____

***Property Owner:** City of Dania Beach

****Please Note – A letter of Consent is required from the property owner for the approval of this application.***

Is the letter attached? ☐ Yes ☑ No

Will any portion of this event take place on Public or City Property? ☑ Yes ☐ No

Will there be a charge for admission? ☐ Yes ☑ No **If yes, how much?** _____

Has this event been held in the past? ☑ Yes ☐ No

If so, Indicate the city location of last event: Frost Park Feb. 2019

Is the event to take place: ☐ Indoors ☑ Outdoors ☐ Both

Number of Expected Daily Attendants: 500 **(BSO or Fire Details may be required - refer to page 6)**

Please indicate the duration of the event:

DAY	DATE	START TIME	END TIME	TOTAL # OF HOURS
Saturday	2-22-20	6pm	10pm	4 hours

Anticipated Date and Time to Begin Set-Up: 12 noon on Saturday - Feb-22nd 2020

Anticipated Date and Time for Completion of Break-Down: 11pm - Feb 22-2020

***Do you have a site plan for the event to be submitted with this application?** ☑ Yes ☐ No

****Please Note*** – A site plan indicating the following conditions must accompany the application or the application will be rejected, resulting in a significant time delay. The fire department must have easy access to the special event area. The site plan must include the following: entrances and exits, emergency vehicle access routes, parking, general vehicular drive paths, fire hydrant locations, fire department connections, street closure requests, fenced areas, grandstand, bleacher or other seating locations, tent and stage locations, cooking areas, and locations of any pyrotechnical material, fireworks, etc. In addition, the site plan must include the location of any rides (animal or mechanical), petting zoos, exhibits, DJ's, bands, performers, sanitary facilities, recreation vehicles for overnight housing, etc.

Is there a request for any road closures? ☐ Yes ☑ No

Please identify the street name(s) and/or locations for closure requests: N/A

need to demonstrate that this requirement will be met by making a note on the site plan indicating compliance with all of the above requirements or providing a letter to the City fire prevention bureau to that effect.

***Will there be concessions or sales of food at this event?** [✓] **Yes** [ ] **No**

Please specify: Hot Dogs & Hamburger / Cooked By Lions Club
Soda, Water

****Please Note* STATE HEALTH INSPECTIONS FOR FOOD: Pursuant to Florida law (Chapter 509, Florida Statutes) event sponsors are required to contact the State Health Inspector no less than 3 days prior to the event. Advance notification of 7 to 10 days is advisable. Please send a fax with your event plans and contact information to Fax Number (954) 956-5699. The Inspector's office will contact you to discuss food vendors and amounts and types of food you plan to make available to the public, whether it is being given away or sold.***

An original Certificate of Liability Insurance and Workers' Compensation Certificate is required from all vendors. You must ensure that the Liability Certificate is for this specific event, has the proper dates, and names the City of Dania Beach as an Additional Insured. No event will be approved without this insurance.

***Will any type of cooking appliances be used by either the Sponsor of the Event or any of its vendors?** [X] **Yes** [ ] **No** By members of the Dania Beach Lions Club –

***If so, indicate the type of appliance(s) to be used and the number of each appliance to be used:**

- [ ] N/A
- [ ] Electric Grill(s); #____
- [✓] Gas Grill(s); #1
- [ ] Charcoal Grill(s); #____
- [ ] Smoker Grills(s); #____
- [ ] Grease Fryer(s); #____
- [ ] Oven(s); #____
- [ ] Electric Range Burner(s); #____
- [ ] Gas Range Burner(s); #____

****Please Note*** – Grease Fryers are not permitted indoors unless they are protected with an approved Hood and a UL300 Compliant Wet Chemical Automatic Fire Suppression System in accordance with NFPA 96.

***Does each cooking appliance have its own dedicated Fire Extinguisher?** [✓] **Yes** [ ] **No**
****Please Note*** - Each cooking appliance must have its own dedicated fire extinguisher. Class K fire extinguishers are required for fryers. You need to demonstrate that this requirement will be met by making a note on the site plan indicating compliance with all of the above requirements or providing a letter to the fire prevention bureau.

***Does each cooking area have the proper clearances from all other event areas?** [✓] **Yes** [ ] **No**
****Please Note*** - Cooking areas can be located no closer than 30 feet from any tent or canopy structure, event rides, stages, grandstands or bleachers, etc. Ensure that this measurement is demonstrated on the site plan.

***Will there be sales of alcohol at this event?** [ ] **Yes** [✓] **No**
****Please Note*** – An original certificate of liquor liability insurance naming the City of Dania Beach as additional insured and a 1/2/3 Day Special Sales License is required to be submitted with this application. The license must be obtained from the State of Florida Department of Business and Professional Regulation.

If Yes, Please Specify Types of Alcohol to be Sold: [✓] **N/A** [ ] **Beer** [ ] **Wine** [ ] **Liquor** [ ] **Mixed Drinks** [ ] **Other:** _____

If alcohol is being served, please indicate how the beverages will be served: [✓] **N/A** [ ] **Draft Truck** [ ] **Cold Plate** [ ] **Mini-Bar** [ ] **Beer Tub** [ ] **Table Service**

Other: _____

Will there be alcohol given away at this event? ☐ Yes ☑ No

Please Specify Types of Alcohol to be given away: ☑ N/A ☐ Beer ☐ Wine ☐ Liquor ☐ Mixed Drinks ☐ Other: _____

Will there be retail sales at this event? ☐ Yes ☑ No

Please Specify: _____

***Will there be any carnival rides, mechanical or vehicular rides, or animal rides at this event?** ☐ Yes ☑ No

*If yes, please describe: _____

What is the name of the vendor or vendors providing the rides? ☑ N/A

Please Note - If carnival rides are to be present, the rides must be inspected by a state inspector, city electrical inspector, and fire inspector 48 hours prior to the rides opening.

Are you providing to us a copy of the ride vendor's Certificate of Liability and Workers' Compensation Insurance with this application? ☐ Yes ☐ No N/A

Please Note – An original Certificate of Liability and Workers' Compensation Insurance is required for any and all rides. Ensure that the Certificate is for this specific event, has the proper dates, and names the City of Dania Beach as an Additional Insured. No event will be approved without this insurance.

***Will recreational vehicles be used for temporary overnight housing?** ☐ Yes ☑ No

Please Note – Indicate the locations of these on the site plan.

***Will there be any use of pyrotechnics or fireworks displays at this event?** ☐ Yes ☑ No

Please Note - Pyrotechnics fireworks displays require special applications, permits and inspections as well as an original Certificate of Liability and Workers' Compensation Insurance. In addition, a Fire Inspector will be required to be present during set-up and displays. This expense will be passed on to the event. (BSO or Fire Details may be required - refer to page 6)

***Will there be use of any Grandstands or Bleachers for seating at this event?** ☐ Yes ☑ No

Please Note - Bleachers and Grandstands may have to meet special safety code requirements. Locations must be indicated on the site plan. Plumbing permit is required for portable toilets.

***Are portable, ADA compliant sanitary facilities being provided for this event?** ☑ Yes ☐ No

If so, How many? 3 ☐ N/A

Please Note – Provide the locations of all sanitary facilities on the site plan.

***Is there a request for any temporary signage for this event?** ☐ Yes ☑ No

Please Note – **Any questions regarding temporary signage should be directed to City Code Compliance, (954)924-6810.**

Are there any services being requested from the City of Dania Beach? ☑ Yes ☐ No

If yes, please explain: City of Dania Beach, BSO Police & Fire Alway Have Been A Sponsors for this Event – We Request All Fees Be Waived

Please list any other conditions, terms or relevant information related to this event that may be of interest to the City:

This is A True Family Night out in the Park, Cars Classic Music, And Rock Provides Scholarships to Children with disabilities

BSO DETAIL REQUIREMENT
Based upon anticipated attendance, site or building size, site location, and ability to assure public safety requirements, a Broward Sheriff's Office Detail may be required.

FIRE WATCH REQUIREMENT
A Fire-Watch may be imposed depending on the type of event, number of persons present and hazards involved. The number of personnel and apparatus required may vary depending on the type of event and hazards involved. Below are the current rates charged for the presence of a fire watch detail, fire inspector or both:

Off-Duty detail assignment services performed by Dania Beach Fire Rescue Personnel will be paid at their current overtime rate of pay with benefits (3 Hour Minimum). In addition, a City administrative fee of 10% will also be charged based on the total cost of personnel and apparatus. Personnel costs are currently estimated to be $84.42 per hour, per person (3 hour minimum).

The cost of apparatus is as follows:
Rescue Truck - $32.00 per hour
Engine (1500 gpm) - $71.00 per hour
Ladder (1500 gpm) - $80.00 per hour

The City of Dania Beach requires payment 14 days in advance for the detail services and fees are to be made payable to The City of Dania Beach by means of *cash advance or a cashier's check*. Fees are based on individual employee's overtime rates which vary from person to person. The amount estimated is based on the highest overtime rate currently payable in addition to fees for FICA, Medicare, Worker's Compensation and Administrative fees. In the event that the entire estimated amount is not required for services, the City will refund the money, less the expenses incurred for the service. Should the amount of time required for the fire watch detail exceed that agreed upon before the event, the Event sponsor will be required to pay for any overage based on the actual cost for the Fire Watch. The Event sponsor will be responsible to pay the actual service price incurred.

The information I have provided on this application is true and complete to the best of my knowledge. I understand that approval of this event is contingent upon review and approval of all City Disciplines, the City Attorney's Office and the City Commission.

Signature of Applicant

Director - Dania Beach Lions Club
President Nicholas J. Costello
Dania Lions Scholarship Fund Inc
Title

Jim Silvernale
Print name of Applicant

Nov. 18, 2019
Date

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me on November 18th, 2019.

by Jim Silvernale, who is personally known to me, or, if not, such person produced the following form of identification:_____.

NOTARY PUBLIC

My Commission expires: Nov 18, 2023

My Commission number:

PILAR FORERO
Notary Public - State of Florida
Commission # GG 357903
My Comm. Expires Nov 18, 2023
Bonded through National Notary Assn.

Pilar Forero.

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 11/17/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER

DSP Insurance
1900 E. Golf Road, Suite 650
Schaumburg, IL 60173

CONTACT NAME: John Adams
PHONE (A/C, No, Ext): 1-800-316-6705 FAX (A/C, No): 847-934-6186
E-MAIL ADDRESS: lionsclubs@dspins.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : ACE American Insurance Company	22667
INSURER B :	
INSURER C :	
INSURER D :	
INSURER E :	
INSURER F :	

INSURED

Dania Beach Lions Club District 35N
Dania Beach Florida

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY							
	X COMMERCIAL GENERAL LIABILITY			HDOG71573448	09/01/2019	09/01/2020	EACH OCCURRENCE	$ 1,000,000
	CLAIMS-MADE X OCCUR						DAMAGE TO RENTED PREMISES (Ea occurrence)	$ 1,000,000
	X Agg. Per Named Insured is $2,000,000						MED EXP (Any one person)	$ 5,000
							PERSONAL & ADV INJURY	$ 1,000,000
							GENERAL AGGREGATE	$ 10,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC						PRODUCTS - COMP/OP AGG	$ 2,000,000
								$
A	AUTOMOBILE LIABILITY							
	ANY AUTO			ISAH25301754	09/01/2019	09/01/2020	COMBINED SINGLE LIMIT (Ea accident)	$ 1,000,000
	ALL OWNED AUTOS / SCHEDULED AUTOS						BODILY INJURY (Per person)	$
	X HIRED AUTOS / X NON-OWNED AUTOS						BODILY INJURY (Per accident)	$
							PROPERTY DAMAGE (Per accident)	$
								$
	UMBRELLA LIAB / OCCUR						EACH OCCURRENCE	$
	EXCESS LIAB / CLAIMS-MADE						AGGREGATE	$
	DED / RETENTION $							$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N						WC STATU-TORY LIMITS / OTH-ER	
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A					E.L. EACH ACCIDENT	$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	$
							E.L. DISEASE - POLICY LIMIT	$

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Provisions of the policy apply to the named insureds participation in the following activity during the policy period shown above: 5th Annual Dania Beach Lions Moonlite Car Show Saturday February 22, 2020

*** City of Dania Beach, Broward Sheriff Office , Police and Fire , Cobra Joe Productions ***

is included as an Additional Insured(s), but only with respect to General Liability arising out of the issuance of permit(s) to the Insured shown above and not out of the sole negligence of said additional insured.

PROVISIONS OF THE POLICY DO NOT APPLY TO THE SALE OR SERVING OF ALCOHOLIC BEVERAGES

CERTIFICATE HOLDER

City of Dania Beach
100 W Dania Beach Blvd
Dania Beach Florida 33004

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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LIONS CLUB
1 FOOD SALES 1-10X10 TENT
2 REGISTATION TROPHIES 2 10X10 TENTS
3 DJ MOBILE VAN
4 CAR SHOW PARKING AREA

Site Plan Frost Park
2-22-20
for 5th Annual Dania Beach Lions

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

City of Dania Beach
Parks and Recreation Department
100 West Dania Beach Blvd.
Dania Beach, FL 33004
(954) 924-6800
(954) 924-6813 FAX

SPECIAL EVENTS REQUEST
Application on Public or Private Property

To Whom It May Concern:

Please be advised that starting May 1, 2006 this application and all its requirements are to be completed and complied with by anyone wishing to utilize public or private property in the City of Dania Beach for a special event **regardless of whether or not the event has been held in the past.** This application process has been designed to ensure the safety and protection of all involved, to include the City of Dania Beach, the host of the event, and all attendees. Please complete the enclosed application, provide all requested attachments and submit it to the City of Dania Beach, Parks & Recreation Offices, Attention: Martha Riguero. **Incomplete applications will be returned.**

The completed application, including all attachments, must be received **AND ALL REQUIREMENTS SET FORTH BY THE CITY OF DANIA BEACH MUST BE MET 60 days prior** to scheduling any special event, including payment of all appropriate fees (see attached). This timeframe is required to ensure proper placement on the City Commission agenda for approval in time for the event. **Failure to comply with the required 60 day timeframe and payment requirements will result in denial of your application.**

Section 33-44 of the City of Dania Beach requires outdoor shows and special events to be reviewed and approved by the City Commissioners [as an agenda item on the next available meeting at 7:00 p.m. Please plan to attend.]

The operation of any type of traveling circus, carnival, outdoor show and like amusements of a transient nature in the city shall be governed by the following provisions:

(1) Traveling circuses, carnivals, outdoor shows, amusement parks, devices and exhibitions, and all such operations, avocations or businesses operating under tents or in temporary buildings or structures shall not be permitted in the city except upon approval of the chief of police and city commission.

(2) Nothing herein contained is intended to apply to local shows or amusements held in theaters, auditoriums or permanent buildings in the city. Further, nothing herein contained is intended to apply to any amusement park established in the city on a permanent basis prior to the effective date of this chapter and located in an AP district. Specifically, without limitation on the foregoing, this section shall apply to traveling shows, carnivals, fairs, exhibitions and the like which are transient in nature and which operate only for temporary periods.

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Special Event

Continued from:

Requested Action (Identify appropriate Action or Motion)
Special Event request by the City of Dania Beach to have various Martin Luther King, Jr. Day activities throughout the City on January 18 and 20, 2020. The applicant is requesting the following: Special Event fee waiver of $150.00; Port-o-lets for CW Thomas Park; BSO Police Escort Detail for the parade; and BSO Security Detail at C.W. Thomas Park for the festivities.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo to Commission - 2020 MLK Parade & Celebration, Special Events Application - 2020 MLK Parade & Celebration, MLK Parade Route pt.1-, MLK Parade Route pt 2-, MLK Parade Site Map

CITY OF DANIA BEACH
PARKS AND RECREATION DEPARTMENT

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, City Manager, ICMA-CM

VIA: Eric Brown, Parks and Recreation Director

RE: Special Events Application Request for the Annual Dr. Martin Luther King, Jr. Parade and Celebration scheduled for Saturday, January 18 and Monday, January 20, 2020

REQUEST

A Special Event is requested by the Parks and Recreation Department to host the Annual Martin Luther King, Jr. Parade and Celebration in the City of Dania Beach on Saturday, January 18, 2020 and Monday, January 20, 2020. The Gala/Banquet will be held on Saturday, January 18, 2020 at 6:00 p.m. at the I.T. Parker Community Center. The breakfast and parade will kick off at C.W. Thomas Park located 100 N.W. 6th Avenue, Dania Beach, FL 33004 on Monday, January 20, 2020 at 7:00 a.m. to 10:30 a.m. and conclude with the Peace in the Park Celebration from 12:00 p.m. to 5:00 p.m.

BACKGROUND

This is an annual event for the community to honor the legacy of the late, great Dr. Martin Luther King, Jr. The Unity Black Tie Gala/Banquet will be held at the I.T. Parker Community Center located at 901 N.E. 3rd Street, Dania Beach, FL 33004 on Saturday, January 18, 2020 at 6:00 p.m. The MLK Breakfast will be free and will began at C.W. Thomas Park on Monday, January 20, 2020 at 7:00 a.m. to 8:45 a.m. Afterwards, the parade line-up will begin at 9:00 a.m. to 10:30 a.m. Activities will conclude at C.W. Thomas Park for the Peace in the Park Celebration from 12:00 p.m. to 5:00 p.m.

BUDGETARY IMPACT

The special events application fee for this event is $150.00.

RECOMMENDATION

Applicant will pay for necessary services recommended below.

It is recommended that the City Commission Approve the Special Events Application request in whole with compliance of the conditions noted below:

Staff	Comments/Conditions	

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
PARKS AND RECREATION DEPARTMENT

MEMORANDUM

BSO Fire Dept. – Fire Prevention Officer Zipoli	*Fire Marshal's Report attached*	
BSO Police Dept. - Lt. Stallings	Because of limited BSO staff we need to have Park & Rec purchase cones (per application) to assist with road closures. Also, due to the parade traveling on state roads (federal Hwy – US1) and Stirling Rd (SR 848) Parks and Rec will have to secure a permit from FDOT to close the roads during the parade.	
Code Enforcement - Eric Walton	No concerns raised.	
Community Dev. – Jack Fisher	No concerns raised.	
Community Dev. - Corinne Lajoie	No concerns raised.	
City Attorney - Tom Ansbro	No concerns raised.	
HR/Risk Mgmt. – Kristin Milligan	Signed hold harmless agreements from the DJ and band (if not already on file for those performers); COIs for the Bounce House and Slides; Questions as additional COIs depending on answers: What type of vendors are providing food? Are these food trucks? Tents? Catering? Etc. This will determine if/what insurance we might need.; Is a vendor coming on site to set-up the stage and the bleachers/grandstands or are we doing this? This will determine if/what insurance we might need.	
Parks & Recreation – Eric Brown	No concerns raised.	
Public Services	No concerns raised.	

Department of Fire Rescue & Emergency Services - Fire Marshal's Office

Dania Beach District

103 West Dania Beach Blvd. • Dania Beach, Florida 33004
Office: (954)342-4262 • Fax: (954)342-4265

SPECIAL EVENT APPLICATION REVIEW / COMMENTS

Event Name: M.L.K. Parade & Celebration at C.W. Thomas Park
Event Date(s): 01/20/2020
Event Location: 100 N.W. 8th Avenue Dania Beach, Fl. 3304
Event Reviewed By: David Zipoli Date of Review: 12/19/2019
Event Contact Name 1: Parks and Recreation Department
Event Contact 1 Phone: 954 924-3692 Event Contact 2 Phone: 954 924-3690
Event Contact 1 Email: hismail@daniabeach.gov
Event Contact Name 2: Rafael Acosta
Event Contact 1 Phone: 954 924-3638 Event Contact 2 Phone: 954 924-3690
Event Contact 1 Email:racosta@daniabeachfl.gov

☐ **EVENT IS APPROVED** XX☐ **EVENT IS APPROVED WITH CONDITIONS (See Below)**
☐ **EVENT CANNOT BE APPROVED UNTIL FURTHER INFORMATION HAS BEEN PROVIDED (See Below)** ☐ **EVENT HAS BEEN DENIED BY THE FIRE MARSHAL**

Special Event Applicant must address any and all checked items below.

XX☐ **Insurance Rider Required** – Provide a legible copy of the liability insurance rider naming the Broward Sheriff's Office/ 2601 West Broward Boulevard / Ft. Lauderdale, FL 33312.

XX☐ **Site Plan Required** - See the attached Site Plan Check List for Site Plan Submittal Requirements.

☐ **Site Plan Required** - A site plan indicating the following conditions must accompany the application or the application will be rejected, resulting in a significant time delay. The fire department must have easy access to the special event area. The site plan must include the following: entrances and exits, emergency vehicle access routes, parking, general vehicular drive paths, fire hydrant locations, fire department connections, street closure requests, fenced areas, grandstand, bleacher or other seating locations, tent and stage locations, cooking areas, and locations of any pyrotechnical material, fireworks, etc. In addition, the site plan must include the location of any rides (animal or mechanical), petting zoos, exhibits, DJ's, bands, performers, sanitary facilities, recreation vehicles for overnight housing, etc.

XX☐ **Fire extinguishers required** – Must be provided in accordance with the requirements noted on the Special Event Application.

XX☐ **Tent/Canopy Permits Required** - Obtain permits from the City of Dania Beach Building Department. (**Note: Minimum spacing requirements between tents shall be 10 feet unless approved by the Fire Marshal**) not approved.

XX☐ **Generator Permits May Be Required** – Confirm with City of Dania Beach Building Department for determination.

XX☐ **Power cords** shall be sufficiently protected from water and shall not create a trip hazard for patrons and/or event workers.

XX☐ **Gas Grills** if be permitted, Obtain permits from the City of Dania Beach Building Department.

XX☐ **LP Gas Containers** must be secured in an approved method and cordoned off from patron access in an approved method. The LP Gas containers must be a minimum of 10 feet from any heat source or open flame. "NO SMOKING" signs shall be posted at all LP Gas Container locations.

XX☐ **Fire Department Access (or additional access) required** - Contact the Fire Marshal's Office at (954)342-4262. **See Notes**

☐ **Street Closure Conflict** - Contact the Fire Marshal's Office at (954)342-4262.

☐ **Fenced Area Conflict** - Contact the Fire Marshal's Office at (954)342-4262.

BSO FMO SPECIAL EVENT APPLICATION REVIEW (Continued)

XX☐ **Stages** - Identify the type of construction (Wood, Metal, Stage made from a Trailer, etc.). Plans & Permits Shall be required.

☐ **Grandstands / Bleachers** - Identify the type of construction (Wood, Metal, Grandstands/Bleachers made from a Trailer, etc.) (Plans & Permits may be required)

XX☐ **Any trailer or vehicle used in the preparation of food that creates grease laden vapors** must have a UL-300 compliant automatic fire suppression system. This suppression system must be tagged and currently certified by a Florida licensed, automatic fire suppression system contractor.

XX☐ **Food Trucks** that utilize cooking appliances for foods that create grease-laden vapors must be equipped with a currently certified and tagged Automatic Fire Suppression System and MUST PASS a fire inspection prior to use. This must involve a third party licensed gas contractor to perform a gas leak test.

☐ **Grease Fryers are not permitted indoors** unless they are protected with an approved a UL-300 compliant automatic fire suppression system. This suppression system must be tagged and currently certified by a Florida licensed, automatic fire suppression system contractor

☐**The use of pyrotechnics and/or fireworks display** shall comply with the currently adopted edition of the Florida Fire Prevention Code.

☐**The use of pyrotechnics and/or fireworks display is not permitted at this location.**

☐ Other Requirements: Notes: No vendor tents are to exceed outside of the assigned vehicle parking spaces. (Shall not hinder life safety access). Tents that are permitted to have generators must have a sufficient fire extinguisher. (10lb ABC). A Fire Inspector shall be required to inspect the site before opening of the event.

A licensed gas company is required to be on site and preform a gas leak testing before the opening of the event and before any cooking begins. All food trucks and vendors must be on site and ready for the fire inspection and gas company leak testing. This inspection shall take place 1 hour or sooner before opening of the event to the public. It is the responsibility of the Event Coordinator to set up the licensed gas company at the same time that the fire inspector will be on site. (see below or after hours inspection time). Street closures, Fire department access, tent spacing and fire extinguisher inspections along the path of egress between tents must be in compliance before the event shall be signed off. An after hour request form must be approved by The Fire Marshal's Office. Contact: FPO David Zipoli: david_zipoli@sheriff.org _____

XX☒ **INVOICE TO FOLLOW FOR PRE-EVENT INSPECTIONS AND/OR DETAILS.**

XX☒ **Other Requirements and/or Special Notes:**
_Fire inspection detail required. Invoice for inspector will be needed._____

INSPECTION AND/OR DETAIL REQUIREMENTS
(The below information must be filled out by Fire Prevention prior to releasing comments back to the applicant)
☐N/A XX☐ Pre-Event Inspections Required (Date): November 17, 2019 9:30 AM____

TYPE OF INSPECTION REQUIRED:
__ Normal Inspection Hours
After-Hours (4-Hours or Less)
_XX_After Hours (Greater than 4 Hours)
DATE(S) & TIME(S): __01/20/2020 _____
7:00 am _to 5;00 pm (17:00)_____

☐N/A XX☐ Fire Inspector Stand-By Detail Required
(Dates & Times): _____

☐ N/A ☐ Operational Detail Required Type:
_____
Dates & Times: February 8, 2020 11:00am – 3:00pm
_____

☐ N/A XX☐ **SEE ATTACHED FEE SCHEDULE FOR REQUIRED INSPECTIONS AND/OR DETAILS.** **Email:** david_zipoli@sheriff.org

Event Applicant, Please fill out and sign below for the acknowledgment of the above said instructions and return to David_zipoli@sheriff.org **/ or /** lisa_maggeo@sheriff.org

Name (Print):____David Zipoli_____ Signature:_____ Date:___11/06/2019____

City of Dania Beach

100 West Dania Beach Blvd., Dania Beach, FL 33004

SPECIAL EVENTS APPLICATION – EVENTS ON PRIVATE / PUBLIC PROPERTY

Please PRINT or TYPE

NOTE: ALL APPLICATIONS MUST BE COMPLETED AND SUBMITTED TO THE CITY FOR APPROVAL 60 DAYS PRIOR TO THE EVENT INCLUDING PAYMENT OF ALL APPLICATION FEES (SEE ATTACHED).

Event Name, Date, and Time:
M.L.K. Parade & Celebration at C.W. Thomas Park on Monday, Janury 20th from 9am-5pm

*Brief Description of the Event:

MARTIN LUBHER KING JR. CELEBRATION AND PARADE

Address/Location of Event: 100 N.W. 8th Avenue

Event Coordinator: Parks & Recreation Deartment

Telephone #1: 954-924-3692 E-mail Address: hismail@danibeachfl.gov

Telephone #2: 954-924-3881 Fax: _____

Additional Contact Person for the Event: Rafael Acosta

Telephone #1: 954-924-3638 E-mail Address: racosta@daniabeachfl.gov

Telephone #2: 954-924-3690 Fax: _____

Organization or Sponsor of Event: City of Dania Beach

Address: 100 W.Dania Beach Blvd.

City, State, Zip Code: Dania Beach, FL 33004

Telephone: same Fax: _____ Cell: _____

Is this a Non-Profit Organization? ☐ Yes ☑ No Tax ID #: _____

Corporation Name **(As it appears in the Articles of Incorporation)**:

_____

Date of Incorporation: _____ State of Incorporation: _____

Federal ID #: _____

Authorizing Official for the Organization: _____

Telephone #1: _____ E-mail Address: _____

Telephone #2: _____

Authorizing Official for the Organization: _____

Telephone #1: _____ E-mail Address: _____

Telephone #2: _____

***Property Owner:** City of Dania Beach

****Please Note – A letter of Consent is required from the property owner for the approval of this application.***

Is the letter attached? ☐ **Yes** ☑ **No**

Will any portion of this event take place on Public or City Property? ☑ **Yes** ☐ **No**

Will there be a charge for admission? ☐ **Yes** ☑ **No** **If yes, how much?** _____

Has this event been held in the past? ☑ **Yes** ☐ **No**

If so, Indicate the city location of last event: _____

Is the event to take place: ☐ **Indoors** ☑ **Outdoors** ☐ **Both**

Number of Expected Daily Attendants: 500 **(BSO or Fire Details may be required - refer to page 6)**

Please indicate the duration of the event:

DAY	DATE	START TIME	END TIME	TOTAL # OF HOURS
Monday	1/25/10	7am	5pm	10

Anticipated Date and Time to Begin Set-Up: 6am

Anticipated Date and Time for Completion of Break-Down: 5pm

***Do you have a site plan for the event to be submitted with this application?** ☑ **Yes** ☐ **No**

****Please Note*** – A site plan indicating the following conditions must accompany the application or the application will be rejected, resulting in a significant time delay. The fire department must have easy access to the special event area. The site plan must include the following: entrances and exits, emergency vehicle access routes, parking, general vehicular drive paths, fire hydrant locations, fire department connections, street closure requests, fenced areas, grandstand, bleacher or other seating locations, tent and stage locations, cooking areas, and locations of any pyrotechnical material, fireworks, etc. In addition, the site plan must include the location of any rides (animal or mechanical), petting zoos, exhibits, DJ's, bands, performers, sanitary facilities, recreation vehicles for overnight housing, etc.

Is there a request for any road closures? ☑ **Yes** ☐ **No**

Please identify the street name(s) and/or locations for closure requests: see attached parade route

***Please Note* – These streets must also be identified on the site plan.**

***Are you requesting to fence the event area?** ☐ **Yes** ☑ **No**
Please Note – You must identify any fencing area on the site plan.

***Will Canopies (tent structure with no sides) be used for this event?** ☐ **Yes** ☑ **No**
****Please Note*** **-** All tent structures with canopies in excess of 400 square feet [Per NFPA 1: Table 1.12.19(a)] require building permits and inspections. All canopies must be flame retardant. A certificate of flame retardency and a sample of the canopy fabric for field testing must be submitted for product approval with this application. This information can be obtained from the canopy manufacturer or the canopy rental company. Please apply for the permit at the Building Department located at 100 W. Dania Beach Blvd. Please allow 8-10 working days for permit approvals.

***Will Tents (With Sides) be used for this event?** ☐ **Yes** ☑ **No**
****Please Note*** **–** All tents in excess of 200 square feet [Per NFPA 1: Table 1.12.19(a)] require building permits and inspections. All tents must be flame retardant. A certificate of flame retardancy and a sample of the tent fabric for field testing must be submitted for product approval with this application. This information can be obtained from the tent manufacturer or the tent rental company. If the tents have sides, they are treated as buildings. They must have two separate exits remotely located from each other with electrically illuminated exit signs that have a battery back-up. In addition, they must have emergency egress lighting and fire extinguishers. Provide a life safety plan for these tents indicating the location of all Exits, Exit Signs, Emergency Lighting, Aisle Spacing, Fire Extinguisher locations, etc. Permits must be obtained for all tents and electrical work. Please apply for all permits at the Building Department located at 100 W. Dania Beach Blvd. Please allow 8-10 working days for permit approvals.

***Will electricity be required for this event?**
(for lighting, sound, cooking, other power needs, etc.) ☑ **Yes** ☐ **No**

***How will this electricity be supplied?** ☐ **On-Site** ☐ **Generator** ☑ **Combination of Both**
Please Note **–** The use of generators, temporary wiring, temporary electrical connections, etc. require permits and inspections. Please apply for the permit(s) prior to setting up at the Building Department located at 100 W. Dania Beach Blvd. Events requiring electricity are the responsibility of the applicant and must have a master electrician on site. Please allow 8-10 working days for permit approvals. Any generator less than 5KW does not require a permit.

Will there be live entertainment at this event? ☑ **Yes** ☐ **No**

Please indicate the type (Band, DJ, Live Performers, etc.): D.J & 2 Bands - 1 Band

Please specify the hours of entertainment:

DAY	DATE	START TIME	END TIME	TOTAL # OF HOURS
Monday	1/29/20	10am	5pm	7

***Will a stage(s) be used in this event?** ☑ **Yes** ☐ **No**
*Please note Fire Extinguisher Requirement in the next question.

***Do you have adequate fire extinguishers for this event?** ☑ **Yes** ☐ **No**
****Please Note*** **-** Fire extinguishers must be supplied for each tent, canopy, cooking appliance and stage. They must be accessible from anywhere in the tent or on the stage without having to travel any further than 75 feet for access. Extinguishers must be easily accessible and not obscured from view. Fire extinguishers must be commercial "ABC Multi-Purpose" (minimum 5lbs.) fire extinguishers that are currently certified and tagged by a licensed company. You

need to demonstrate that this requirement will be met by making a note on the site plan indicating compliance with all of the above requirements or providing a letter to the City fire prevention bureau to that effect.

***Will there be concessions or sales of food at this event?** [✓] **Yes** [ ] **No**

Please specify: Vendors

****Please Note** STATE HEALTH INSPECTIONS FOR FOOD: Pursuant to Florida law (Chapter 509, Florida Statutes) event sponsors are required to contact the State Health Inspector no less than 3 days prior to the event. Advance notification of 7 to 10 days is advisable. Please send a fax with your event plans and contact information to Fax Number (954) 956-5699. The Inspector's office will contact you to discuss food vendors and amounts and types of food you plan to make available to the public, whether it is being given away or sold.***

An original Certificate of Liability Insurance and Workers' Compensation Certificate is required from all vendors. You must ensure that the Liability Certificate is for this specific event, has the proper dates, and names the City of Dania Beach as an Additional Insured. No event will be approved without this insurance.

***Will any type of cooking appliances be used by either the Sponsor of the Event or any of its vendors? [ ] Yes [ ] No**

***If so, indicate the type of appliance(s) to be used and the number of each appliance to be used:**

- [ ] N/A
- [ ] Electric Grill(s); #____
- [✓] Gas Grill(s); #____
- [ ] Charcoal Grill(s); #____
- [ ] Smoker Grills(s); #____
- [ ] Grease Fryer(s); #____
- [ ] Oven(s); #____
- [ ] Electric Range Burner(s); #____
- [ ] Gas Range Burner(s); #____

****Please Note*** – Grease Fryers are not permitted indoors unless they are protected with an approved Hood and a UL300 Compliant Wet Chemical Automatic Fire Suppression System in accordance with NFPA 96.

***Does each cooking appliance have its own dedicated Fire Extinguisher?** [✓] **Yes** [ ] **No**
****Please Note*** - Each cooking appliance must have its own dedicated fire extinguisher. Class K fire extinguishers are required for fryers. You need to demonstrate that this requirement will be met by making a note on the site plan indicating compliance with all of the above requirements or providing a letter to the fire prevention bureau.

***Does each cooking area have the proper clearances from all other event areas?** [✓] **Yes** [ ] **No**
****Please Note*** - Cooking areas can be located no closer than 30 feet from any tent or canopy structure, event rides, stages, grandstands or bleachers, etc. Ensure that this measurement is demonstrated on the site plan.

***Will there be sales of alcohol at this event?** [ ] **Yes** [✓] **No**
****Please Note*** – An original certificate of liquor liability insurance naming the City of Dania Beach as additional insured and a 1/2/3 Day Special Sales License is required to be submitted with this application. The license must be obtained from the State of Florida Department of Business and Professional Regulation.

If Yes, Please Specify Types of Alcohol to be Sold: [✓] **N/A** [ ] **Beer** [ ] **Wine** [ ] **Liquor** [ ] **Mixed Drinks** [ ] **Other:** _____

If alcohol is being served, please indicate how the beverages will be served: [✓] **N/A** [ ] **Draft Truck** [ ] **Cold Plate** [ ] **Mini-Bar** [ ] **Beer Tub** [ ] **Table Service**

Other: _____

Will there be alcohol given away at this event? ☐ **Yes** ☑ **No**

Please Specify Types of Alcohol to be given away: ☑ **N/A** ☐ **Beer** ☐ **Wine** ☐ **Liquor** ☐ **Mixed Drinks** ☐ **Other:** _____

Will there be retail sales at this event? ☐ **Yes** ☑ **No**

Please Specify: _____

***Will there be any carnival rides, mechanical or vehicular rides, or animal rides at this event?**
☑ **Yes** ☐ **No**

*If yes, please describe: Bounce Houses & Slides

What is the name of the vendor or vendors providing the rides? ☐ **N/A**
All Star Events

Please Note - If carnival rides are to be present, the rides must be inspected by a state inspector, city electrical inspector, and fire inspector 48 hours prior to the rides opening.

Are you providing to us a copy of the ride vendor's Certificate of Liability and Workers' Compensation Insurance with this application? ☑ **Yes** ☐ **No**
Please Note – An original Certificate of Liability and Workers' Compensation Insurance is required for any and all rides. Ensure that the Certificate is for this specific event, has the proper dates, and names the City of Dania Beach as an Additional Insured. No event will be approved without this insurance.

***Will recreational vehicles be used for temporary overnight housing?** ☐ **Yes** ☑ **No**
Please Note – Indicate the locations of these on the site plan.

***Will there be any use of pyrotechnics or fireworks displays at this event?** ☐ **Yes** ☑ **No**
Please Note - Pyrotechnics fireworks displays require special applications, permits and inspections as well as an original Certificate of Liability and Workers' Compensation Insurance. In addition, a Fire Inspector will be required to be present during set-up and displays. This expense will be passed on to the event. (BSO or Fire Details may be required - refer to page 6)

***Will there be use of any Grandstands or Bleachers for seating at this event?** ☑ **Yes** ☐ **No**
Please Note - Bleachers and Grandstands may have to meet special safety code requirements. Locations must be indicated on the site plan. Plumbing permit is required for portable toilets.

***Are portable, ADA compliant sanitary facilities being provided for this event?** ☑ **Yes** ☐ **No**

If so, How many? 4-6 ☐ N/A
Please Note – Provide the locations of all sanitary facilities on the site plan.

***Is there a request for any temporary signage for this event?** ☐ **Yes** ☐ **No**
Please Note – **Any questions regarding temporary signage should be directed to City Code Compliance, (954)924-6810.**

Are there any services being requested from the City of Dania Beach? ☑ **Yes** ☐ **No**

If yes, please explain: BSO Police & Fire participation in parade

Please list any other conditions, terms or relevant information related to this event that may be of interest to the City:

BSO DETAIL REQUIREMENT
Based upon anticipated attendance, site or building size, site location, and ability to assure public safety requirements, a Broward Sheriff's Office Detail may be required.

FIRE WATCH REQUIREMENT
A Fire-Watch may be imposed depending on the type of event, number of persons present and hazards involved. The number of personnel and apparatus required may vary depending on the type of event and hazards involved. Below are the current rates charged for the presence of a fire watch detail, fire inspector or both:

> Off-Duty detail assignment services performed by Dania Beach Fire Rescue Personnel will be paid at their current overtime rate of pay with benefits (3 Hour Minimum). In addition, a City administrative fee of 10% will also be charged based on the total cost of personnel and apparatus. Personnel costs are currently estimated to be $84.42 per hour, per person (3 hour minimum).
>
> The cost of apparatus is as follows:
> Rescue Truck - $32.00 per hour
> Engine (1500 gpm) - $71.00 per hour
> Ladder (1500 gpm) - $80.00 per hour

The City of Dania Beach requires payment 14 days in advance for the detail services and fees are to be made payable to The City of Dania Beach by means of *cash advance or a cashier's check*. Fees are based on individual employee's overtime rates which vary from person to person. The amount estimated is based on the highest overtime rate currently payable in addition to fees for FICA, Medicare, Worker's Compensation and Administrative fees. In the event that the entire estimated amount is not required for services, the City will refund the money, less the expenses incurred for the service. Should the amount of time required for the fire watch detail exceed that agreed upon before the event, the Event sponsor will be required to pay for any overage based on the actual cost for the Fire Watch. The Event sponsor will be responsible to pay the actual service price incurred.

The information I have provided on this application is true and complete to the best of my knowledge. I understand that approval of this event is contingent upon review and approval of all City Disciplines, the City Attorney's Office and the City Commission.

Deborah Simmons (Secretary)
Signature of Applicant

Parks & Recreation Director
Title

Deborah Simmons
Print name of Applicant

12/18/2019
Date

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me on Dec 18, 2019.

by Deborah Simmons, **who is personally known to me, or, if not, such person produced the following form of identification:** DL.

NOTARY PUBLIC

My Commission expires: _____

My Commission number: _____

SHERRY A. PECORARO
MY COMMISSION # GG 185036
EXPIRES: May 11, 2022
Bonded Thru Notary Public Underwriters

SPECIAL EVENT APPLICATION / PERMIT FEES

$100.00 Beach Weddings

$150.00 All Other Events

$280.00 Special Events Involving Fire Inspections

$100.00 Private Parties (over 26 participants)

$50.00 Small Parties (under 25 participants)

Special events requiring the use of Broward Sheriff's Office shall require advance payment of the applicable special detail rate.

Special Events requiring the use of personnel from the Fire Department or the use of City Lifeguards shall require advance payment of the applicable overtime rate.

A late fee of $75.00 will be assessed for any application that is received by the City sixty (60) days or less before the date (or starting date) of the event.

Rental rates are subject to the applicable 6% sales tax.

City of Dania Beach
Parks and Recreation Department
100 West Dania Beach Blvd.
Dania Beach, FL 33004
(954) 924-6800
(954) 924-6813 FAX

SPECIAL EVENTS REQUEST
Application on Public or Private Property

To Whom It May Concern:

Please be advised that starting May 1, 2006 this application and all its requirements are to be completed and complied with by anyone wishing to utilize public or private property in the City of Dania Beach for a special event **regardless of whether or not the event has been held in the past.** This application process has been designed to ensure the safety and protection of all involved, to include the City of Dania Beach, the host of the event, and all attendees. Please complete the enclosed application, provide all requested attachments and submit it to the City of Dania Beach, Parks & Recreation Offices, Attention: Martha Riguero. **Incomplete applications will be returned.**

The completed application, including all attachments, must be received **AND ALL REQUIREMENTS SET FORTH BY THE CITY OF DANIA BEACH MUST BE MET 60 days prior** to scheduling any special event, including payment of all appropriate fees (see attached). This timeframe is required to ensure proper placement on the City Commission agenda for approval in time for the event. **Failure to comply with the required 60 day timeframe and payment requirements will result in denial of your application.**

Section 33-44 of the City of Dania Beach requires outdoor shows and special events to be reviewed and approved by the City Commissioners [as an agenda item on the next available meeting at 7:00 p.m. Please plan to attend.]

The operation of any type of traveling circus, carnival, outdoor show and like amusements of a transient nature in the city shall be governed by the following provisions:

(1) Traveling circuses, carnivals, outdoor shows, amusement parks, devices and exhibitions, and all such operations, avocations or businesses operating under tents or in temporary buildings or structures shall not be permitted in the city except upon approval of the chief of police and city commission.

(2) Nothing herein contained is intended to apply to local shows or amusements held in theaters, auditoriums or permanent buildings in the city. Further, nothing herein contained is intended to apply to any amusement park established in the city on a permanent basis prior to the effective date of this chapter and located in an AP district. Specifically, without limitation on the foregoing, this section shall apply to traveling shows, carnivals, fairs, exhibitions and the like which are transient in nature and which operate only for temporary periods.

Starting Point – CW Thomas

1. NW 1ST ST /NW 6TH AVE – 8 CONES
2. NW 1ST ST / NW 3RD AVE – 4 CONES
3. NW 1ST ST / NW 1ST AVE – 8 CONES
4. NW 2ND STREET / FEDERAL HIGHWAY (7-8) BARRICADES
5. NW 1ST ST &/FED HIGHWAY BARRICADES WILL BE PLACED IN THE S/B LANE (3-5)
6. SE 1ST ST /EAST DANIA BEACH – 4 CONES
7. SW 1ST ST / FED HIGHWAY – (4-5) BARRICADES
8. SE 2ND AVENUE ---- Approximately – 25 CONES
9. SW 1ST AVENUE/ STIRLING – 4 CONES
10. SW 1ST COURT / STIRLING – 4 CONES
11. SW 2ND AVENUE/ STIRLING – 4 CONES
12. SW 5TH COURT/ STIRLING – 4 CONES
13. SW 2ND TER / PHIPPEN – 4 CONES
14. SW 2ND TER/ PHIPPEN – 4 CONES
15. SW 2ND PL / PHIPPEN – 4 CONES

Starting Point – CW Thomas

16. SW 2ND PL/ PHIPPEN – 4 CONES

17. SW 3RD ST/ PHIPPEN – 4 CONES

18. SW 3RD ST/ PHIPPEN – 4 CONES

19. SW 3RD PL / PHIPPEN - 4 CONES

20.SW 3RD PL/ SW 12TH AVE – 4 CONES

21. EVAN ST/ SW 12TH AVE – 4 CONES -- HOLLYWOOD

22. SW 3RD ST/SW 12TH AVE – 4 CONES

23. SW 2ND PL/ SW 12TH AVE – 4 CONES

24. SW 12TH AVE/ STIRLING (4-5) BARRICADES

25. RIGHT TURN ONLY FROM 12TH AVE/ STIRLING COMING OUT OF THE WAREHOUSE (CONES NEEDED)

26. LEFT TURN ONLY AT STIRLING/ BRYAN RD (6-7) BARRICADES NEEDED

27.SW 1ST ST/ SW 5TH CT – 4 CONES

2020 DR. MARTIN LUTHER KING JR. PARADE ROUTE

Proclamation

OFFICE OF THE MAYOR • CITY OF DANIA BEACH, FLORIDA

WHEREAS, Dr. Martin Luther King, Jr., was born on January 15, 1929 and lived a life promoting peace, freedom, equality, and justice for all through non-violent means, becoming one of the outstanding civil rights leaders of our time; and

WHEREAS, at the age of thirty-five, Dr. Martin Luther King, Jr., was the youngest man to have received the Nobel Peace Prize; and

WHEREAS, this year marks the 35th annual observance by the citizens of Dania Beach to honor Dr. King's legacy with a day of remembrance intended as a time for all Americans to reaffirm their commitment to the basic principles that underlie our Constitution – equality and justice for all; and

WHEREAS, the ideals of Dr. Martin Luther King, Jr., and of Dania Beach's commitment to human rights are worthy of reflection and serve as a reminder that improving the quality of life for all members of society is a responsibility of every member of our society; and

WHEREAS, we can bring life to the inspiring vision of freedom of which Dr. Martin Luther King, Jr. dreamed, with our community's joint renewal of our love for life, God, and Country.

NOW, THEREFORE, on behalf of the Dania Beach City Commission, I, Lori Lewellen, Mayor of the City of Dania Beach, Florida, do hereby proclaim Monday, January 20, 2020 as:

"Dr. Martin Luther King, Jr. Day"

in the City of Dania Beach, and encourage all citizens to rededicate themselves to the principles of respect for human rights and freedom, of belief in non-violence, and of commitment to improving our community through community service and volunteerism.

ATTEST:

DANIA BEACH ESTABLISHED 1904

THOMAS SCHNEIDER, CMC
CITY CLERK

LORI LEWELLEN
MAYOR

MINUTES OF REGULAR MEETING
DANIA BEACH CITY COMMISSION
TUESDAY, DECEMBER 10, 2019 – 7:00 P.M.

1. Call to Order/Roll Call

Mayor Lewellen called the meeting to order at 7:06 p.m.

Present:

Mayor:	Lori Lewellen
Vice-Mayor:	Lauren Odman
Commissioners:	Chickie Brandimarte
	Bill Harris
	Tamara James
City Manager:	Ana M. Garcia, ICMA-CM
City Attorney:	Thomas Ansbro
City Clerk:	Thomas Schneider

2. Moment of Silence and Pledge of Allegiance

Mayor Lewellen called for a moment of silence after the Pledge of Allegiance to the United States Flag.

3. Presentations and Special Event Approvals

Mayor Lewellen introduced Rabbi Eli Eckstein, who spoke about a Chabad Center which is a Jewish outreach organization to make the world a better place, and noted they will be opening up a Chabad Center in Dania Beach. He also noted a public Menorah lighting would be held in front of City Hall on Monday, December 23rd, the second day of Hanukkah.

3.1 Presentation on social media, website updating and graphic design services by Multi-Media Marketing Associates, Inc.

Jose Luya, President and CEO of Multi-Media Marketing Associates, and Sonja Jange, Multi-Media Marketing Associates, gave a PowerPoint presentation which is attached to and incorporated into these minutes.

3.2 Dania Beach Chamber of Commerce update by Randie Shane

Ms. Shane was unable to attend the meeting.

3.3 Update on The Place at Dania Beach by Eddie Rojas, Building Official, C.A.P. Government

Carlos Penin, President of C.A.P. Government, introduced Mr. Rojas, who gave an update on C.A.P.'s third party review, requested by City Manager Garcia, of the two water loss incidents that occurred at The Place at Dania Beach.

Commissioner James questioned the time frame for the fact finding results.

Commissioner Brandimarte asked if City staff would be overseeing the inspection project.

City Manager Garcia indicated Assistant City Manager Sosa-Cruz and Marc LaFerrier, Director of Community Development, would oversee C.A.P.'s review.

3.4 Opportunities for City-Wide Environmental Redevelopment - Michael R. Goldstein, Esq.

This item was postponed until January.

3.5 Acknowledgment of Melaleuca Gardens Homeowner's Association for donating park benches to Parks & Recreation - Eric Brown, Director of Parks & Recreation

Eric Brown, Parks & Recreation Director, presented a Certificate of Recognition to members of the homeowner's association.

3.6 Announcement of the tickets to go on sale for the 115 Anniversary Celebration - Vice-Mayor Odman

Vice-Mayor Odman thanked staff and Tropical Acres for their efforts with the celebration and announced that tickets would go on sale live at daniabeach115.com for the January 12th event.

3.7 Announcement of the winner of the City's Nickname Contest - Vice-Mayor Odman

This item was withdrawn.

4. Proclamations

There were no proclamations at this meeting.

5. Citizen Comments

Nancy Self, 5531 SW 44th Terrace, spoke on behalf of herself and her neighbors regarding a proposed six-story hotel in Hollywood, which is 20 feet away from their neighborhood, and asked for assistance in mitigating the negative impacts to the neighborhood.

Mayor Lewellen requested City Manager Garcia contact the City Manager of Hollywood regarding this issue.

Vice-Mayor Odman noted there would be a workshop in February with the City of Hollywood.

Commissioner Harris added the meeting would be held on February 26th at the library on Stirling Road.

Christine Musial, 5414 SW 44 Terrace, reported on receiving assistance with traffic problems on 54 Court, from 441 to 40th, and requested assistance with the proposed kosher hotel in Hollywood.

Marge Perry, 5521 SW 44 Terrace, commented on the proposed kosher hotel in Hollywood and the lack of follow-through after she first came to the Commission about it several months ago.

Linda Wilson, Friends of the Dania Beach Library, acknowledged Melaleuca Gardens' contribution to the library, and commented on vacancies on the Creative Arts Council Advisory Board.

6. Public Safety Reports

Captain Daniel Marks, BSO Chief of Police, commented on Deputy Matt Griffith, and reported on a recent incident in the parking garage involving a juvenile. He noted Deputy Brittany Armstrong was recognized as the Deputy of the Year by the Chamber of Commerce, and warned of holiday thefts.

Captain Sergio Pellecer, BSO District Fire Chief, reported on the push-in ceremony held earlier today and the recent toy program event. He presented a certificate of recognition to Lieutenant Joshua Cornblit for Firefighter of the Year.

7. Consent Agenda

Items removed from Consent Agenda: #7.7, #7.8

7.1 Minutes:
Approve Minutes of October 28, 2019 City Commission Meeting
Approve Minutes of November 12, 2019 City Commission Meeting

7.2 Travel Requests: None

Resolutions

7.3 RESOLUTION #2019-152

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY THE PUBLIC SERVICES DEPARTMENT AND VARIOUS DEPARTMENTS TO PURCHASE ACCESSORIES AND PARTS FROM ADVANCE AUTO PARTS UTILIZING THE CITY OF CHARLOTTE, NORTH CAROLINA AMENDED CONTRACT NO. 2017000280-5 THROUGH THE TERM OF THE CONTRACT AND TO EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00); AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE RESPECTIVE CITY DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; AUTHORIZING THE PROPER CITY OFFICIALS TO WAIVE COMPETITIVE BIDDING REQUIREMENTS AND AUTHORIZE CITY OFFICIALS TO PROCEED WITHOUT ADVERTISEMENT FOR BIDS; PROVIDING FOR CONFLICTS FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

7.4 RESOLUTION #2019-153

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY THE PARKS AND RECREATION DEPARTMENT FOR THE PURCHASE OF MOTOROLA APX RADIOS FROM MOTOROLA SOLUTIONS, INC., FOR FISCAL YEAR 2019-2020, WHICH MAY EXCEED AN ANNUAL SINGLE VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00); AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE PARKS AND RECREATION DEPARTMENT'S APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Parks & Recreation)*

7.5 RESOLUTION #2019-154

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE ONE (1) JOHN DEERE 310SL BACKHOE AND ONE (1) JOHN DEERE 35G MINI EXCAVATOR FOR THE PUBLIC SERVICES DEPARTMENT, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED SIXTY-NINE THOUSAND NINE HUNDRED NINETY SIX DOLLARS AND FIFTY CENTS ($169,996.50) FROM DOBBS EQUIPMENT WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS, BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS' ASSOCIATION CONTRACT FSA19-VEH17.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

7.6 RESOLUTION #2019-155

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING VARIOUS DEPARTMENTS TO UTILIZE THE SERVICES OF KILOWATT ELECTRIC COMPANY UNDER THE CITY OF CORAL SPRINGS AMENDED CONTRACT ITB NUMBER 17-B-008F AND TO EXCEED THE CITY'S ANNUAL VENDOR THRESHOLD TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00) FOR THE TERM OF THE CONTRACT; AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Public Services)*

Commissioner James motioned to adopt the Consent Agenda, with the exception of Item #7.7 and #7.8; seconded by Commissioner Harris. The motion carried unanimously.

7.7 RESOLUTION #2019-156

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING AN APPROPRIATION OF FUNDS RELATING TO A CHANGE ORDER WITH TIGO INC. (D/B/A EXPOSE YOURSELF USA) FOR THE FABRICATION AND INSTALLATION OF THE CITY

WELCOME SIGN AT THE SOUTHWEST CORNER OF THE INTERSECTION OF GRIFFIN ROAD AND U.S. HIGHWAY 1, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED THOUSAND DOLLARS ($100,000.00) PERTAINING TO ASSOCIATED LANDSCAPING; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Community Development)*

City Attorney Ansbro read the title of Resolution #2019-156.

Commissioner James asked how much was spent before and what the total amount is now.

Marc LaFerrier, Director of Community Development, explained the original scope did not include this level of landscape design. He itemized the expenditures to date, including a prior Change Order.

Commissioner James confirmed we are close to $344,000.00 for the project.

Director of Community Development LaFerrier noted the work is due to be completed by the first of the year and he does not see a reason for another Change Order.

Commissioner James motioned to adopt Resolution #2019-156; seconded by Commissioner Harris. The motion carried unanimously.

7.8 ORDINANCE #2020-001

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 18, ENTITLED "PENSIONS AND RETIREMENT", ARTICLE IV, ENTITLED POLICEMEN AND FIREMEN", SECTION 18-42, ENTITLED "BENEFIT AMOUNTS AND ELIGIBILITY" OF THE CITY CODE OF ORDINANCES RELATING TO THE POLICE AND FIREFIGHTERS' RETIREMENT SYSTEM; AMENDING THE ORDINANCE IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 2019-21, LAWS OF FLORIDA; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)** *(Police & Fire Pension Administrator)*

City Attorney Ansbro read the title of Ordinance #2020-001 and gave a brief overview of the code amendment.

Commissioner Harris motioned to adopt Ordinance #2020-001, on first reading; seconded by Vice-Mayor Odman. The motion carried unanimously.

8. Bids and Requests for Proposals

There were no proposals on this agenda.

9. Public Hearings and Site Plans

9.1 ORDINANCE #2019-023

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, TO AMEND CHAPTER 28, THE "LAND DEVELOPMENT CODE," OF THE CITY'S CODE OF ORDINANCES BY AMENDING PART 1 "USE REGULATIONS," ARTICLE 110 "USE REGULATIONS FOR COMMERCIAL AND MIXED-USE DISTRICTS" TO PROVIDE FOR LIQUOR, PACKAGE STORE AS A PERMITTED ACCESSORY USE TO A RETAIL USE; AMENDING PART 3 "SPECIAL ZONING DISTRICTS", SUBPART 1 "COMMUNITY REDEVELOPMENT AREA (CRA) FORM-BASED ZONING DISTRICTS" TO PROVIDE FOR LIQUOR, PACKAGE STORE AS A PERMITTED ACCESSORY USE TO A RETAIL USE; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR INCLUSION IN THE CODE; AND PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Community Development)*

City Attorney Ansbro read the title of Ordinance #2019-023.

Corinne Lajoie, Planning & Zoning Manager, gave a brief presentation.

Mayor Lewellen opened the Public Hearing. Seeing as there was no one to speak in favor or opposition, she closed the Public Hearing.

Commissioner James motioned to adopt Ordinance #2019-023, on second reading; seconded by Commissioner Harris. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

9.2 ORDINANCE #2019-024

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, TO AMEND CHAPTER 4 "ALCOHOLIC BEVERAGES," OF THE CITY'S CODE OF ORDINANCES BY AMENDING ARTICLE I "IN GENERAL," SECTION 4-1 "DEFINITIONS" TO DEFINE SINGLE-SERVING CONTAINER, ARTICLE II "OPERATION REGULATIONS," SECTION 4-18 "HOURS OF SALE" TO MODIFY THE HOURS OF PACKAGE SALES FOR LIQUOR, BEER AND WINE FOR OFF-SITE CONSUMPTION CONDUCTED AS AN ACCESSORY USE TO A RETAIL GROCERY STORE USE WITH A MINIMUM 27,500 SQUARE FEET, AND ARTICLE II "OPERATION REGULATIONS," TO CREATE SECTION 4-37 "RESTRICTION ON THE SALE OF SINGLE-SERVING CONTAINERS;" AND PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR INCLUSION IN THE CODE; AND PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Community Development)*

City Attorney Ansbro read the title of Ordinance #2019-024.

Corinne Lajoie, Planning & Zoning Manager, gave a brief presentation.

Mayor Lewellen opened the Public Hearing. Seeing as there was no one to speak in favor or opposition, she closed the Public Hearing.

Commissioner James motioned to adopt Ordinance #2019-024, on second reading; seconded by Vice-Mayor Odman. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

9.3 ORDINANCE #2019-025

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, TO AMEND CHAPTER 28, OF THE "LAND DEVELOPMENT CODE," OF THE CITY'S CODE OF ORDINANCES BY AMENDING PART 8 "TECHNICAL APPENDIX" BY CREATING AND ESTABLISHING ARTICLE 811 "PUBLIC ART PROGRAM," CREATING PUBLIC ART PROGRAM REQUIREMENTS FOR NEW DEVELOPMENT AND REDEVELOPMENT IN NON-RESIDENTIAL, MIXED-USE, AND MULTI-FAMILY ZONING DISTRICTS; PROVIDING FOR GENERAL PROVISIONS FOR PUBLIC ART PROGRAM ORGANIZATION, OPERATION AND IMPLEMENTATION; PROVIDING FOR A PUBLIC ART FEE FOR THE CREATION, ACQUISITION AND INSTALLATION OF PUBLIC ART IN THE CITY; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR INCLUSION IN THE CODE; AND FURTHER PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Community Development)*

City Attorney Ansbro read the title of Ordinance #2019-025.

Corinne Lajoie, Planning & Zoning Manager, noted the effective date of the ordinance was changed since first reading.

Commissioner James noted she had a lot of concerns about the ordinance on first reading and there were no changes made for second reading.

Marc LaFerrier, Director of Community Development, explained staff had not had an opportunity to meet with the Commission; moving the ordinance forward will allow the Commission to add language.

Commissioner James said no one reached out to her about the changes she was seeking. She would like to sit down with staff and discuss it.

Director of Community Development LaFerrier felt the ordinance could be amended tonight by adding the language "or other body as approved by the City Commission" wherever CACAB is referenced. He noted there will be some time before funds would be expended, and explained the process of a plan being implemented, which would ultimately come before the Commission.

Commissioner James commented this is a total disregard of the conversation she had at the last meeting. She knows the CACAB is going through a transition. They have great ideas, but she wants to make sure City staff is a part of the process.

Director of Community Development LaFerrier reiterated the language he recommended could be added to the motion.

Commissioner Harris asked if the 60 days effective date could be changed to 90 days.

Vice-Mayor Odman noted the developers have been involved in this discussion and they thought this was a fair ordinance. She agreed the additional language should be added wherever CACAB is referenced, as she does not want to stall the process if there is a lack of quorum at the Board's meetings.

Discussion ensued about the Board.

Mayor Lewellen opened the Public Hearing.

Linda Wilson, Friends of the Dania Beach Library, and member of the CACAB, noted the CACAB had asked for some time that an art fee be charged. She added she is disappointed with the 60-day delay. She spoke of the recent membership issues with the CACAB and the mission of the Board. She complained about the atrium art gallery floor plan having to be changed due to the holiday decorations being placed near the elevator.

Jorge Palacios, 218 NW 1st Avenue, commented NW 1st Avenue is being ignored and we should concentrate on it as it is where we will bring everyone into downtown.

Seeing as there was no one else to speak in favor or opposition, Mayor Lewellen closed the Public Hearing.

Mayor Lewellen clarified the effective date of implementation of the ordinance.

Vice-Mayor Odman motioned to adopt Ordinance #2019-025, on second reading, as amended to include the language recommended by Community Development Director LaFerrier; seconded by Commissioner James. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

9.4 ORDINANCE #2019-026

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, TO AMEND CHAPTER 28, THE "LAND DEVELOPMENT CODE," OF THE CITY'S CODE OF ORDINANCES BY AMENDING PART 1 "USE REGULATIONS," ARTICLE 110 "USE REGULATIONS FOR COMMERCIAL AND MIXED-USE DISTRICTS," SECTION 110-20 "LIST OF PERMITTED, SPECIAL EXCEPTION AND PROHIBITED USES" TO AMEND THE SCHEDULE OF PERMITTED USES; CREATING SECTION 110-320 "MOBILE FOOD VENDING CONDITIONS OF USE;" ARTICLE 115 "INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE," SECTION 115-40 "SCHEDULE OF PERMITTED USES" TO AMEND THE SCHEDULE OF PERMITTED USES; AMENDING PART 3 "SPECIAL ZONING DISTRICTS," SUBPART 1, "COMMUNITY REDEVELOPMENT AREA (CRA) FORM-BASED ZONING DISTRICTS," ARTICLE 302 "DETAILED USE REGULATIONS," SECTION 302-10 "PERMITTED, SPECIAL EXCEPTION AND PROHIBITED USES" TO AMEND THE SCHEDULE OF PERMITTED USES; AMENDING PART 6 "DEVELOPMENT REVIEW PROCEDURES AND REQUIREMENTS," ARTICLE 675 "TEMPORARY USE AND SPECIAL EVENT PERMITS," TO PROVIDE FOR MOBILE FOOD VENDOR EVENTS; AND FURTHER AMENDING PART 7 "CODE ADMINISTRATION," ARTICLE 725 "DEFINITIONS," SECTION 725-30 "TERMS DEFINED" TO PROVIDE FOR MOBILE FOOD VENDORS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; PROVIDING FOR INCLUSION IN THE CODE; AND PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)** *(Community Development)*

City Attorney Ansbro read the title of Ordinance #2019-026.

Corinne Lajoie, Planning & Zoning Manager, was available to answer questions.

Mayor Lewellen opened the Public Hearing. Seeing as there was no one to speak in favor or opposition, she closed the Public Hearing.

Commissioner James motioned to adopt Ordinance #2019-026, on second reading; seconded by Commissioner Harris. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

9.5 ORDINANCE #2020-002

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE REQUEST MADE BY LEIGH ROBINSON KERR, ON BEHALF OF BEJL 4200 REAL ESTATE, LLC, TO AMEND CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" (TX-155-19) TO AMEND THE MAXIMUM ALLOWED DENSITY IN THE MULTIPLE-FAMILY(10 DU/AC) RESIDENTIAL DISTRICT (RM-2);PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)** *(Community Development)*

City Attorney Ansbro read the title of Ordinance #2020-002.

Corinne Lajoie, Planning & Zoning Manager, gave a presentation on the text amendment request.

Mayor Lewellen opened the Public Hearing. Seeing as there was no one to speak in favor or opposition, she closed the Public Hearing.

Vice-Mayor Odman motioned to adopt Ordinance #2020-002, on first reading; seconded by Commissioner Harris. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

City Attorney Ansbro advised the remaining items were quasi-judicial hearings and swore-in those who would speak. He asked the Commission to disclose any communication they had on these matters.

9.6 RESOLUTION #2019-157

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN AND ALTERNATE PARKING STANDARD (SP-151-19) SUBMITTED BY DANIA LIVE 1748, LLC FOR PROPERTY GENERALLY LOCATED ON THE NORTH SIDE OF STIRLING ROAD BETWEEN BRYAN ROAD AND INTERSTATE 95 WITHIN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT "A," A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; AND FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Community Development)*

City Attorney Ansbro read the title of Resolution #2019-157.

Corinne Lajoie, Planning & Zoning Manager, gave an overview of the site plan and alternate parking standard requests for Spirit Airlines.

Commissioner James questioned whether they would be using the City seal or logo.

Planning & Zoning Manager Lajoie said the logo.

Commissioner James asked if the design standards for the logo would be given to the developer.

Planning & Zoning Manager Lajoie responded in the affirmative.

Mayor Lewellen opened the Public Hearing.

Dennis Mele, Greenspoon Marder, representing the applicant, thanked the Commission and staff for their support with this project.

Seeing as there was no one else to speak in favor or opposition, Mayor Lewellen closed the Public Hearing.

Commissioner James motioned to adopt Resolution #2019-157; seconded by Commissioner Harris. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

9.7 RESOLUTION #2019-158

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE DEVELOPMENT DESIGN GUIDELINES (DDG) AND SITE PLAN (SP-106-19) SUBMITTED BY STEPHANIE J. TOOTHAKER, ESQ., P.A., ON BEHALF OF PROJECT USA, LLC AND CYMBAL DEVELOPMENT FOR PROPERTY GENERALLY LOCATED ON THE NORTH SIDE OF STIRLING ROAD AND EAST SIDE OF BRYAN ROAD WITHIN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT "A," A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; AND FURTHER, PROVIDING FOR AN EFFECTIVE DATE. *(Community Development)*

City Attorney Ansbro read the title of Resolution #2019-158.

Corinne Lajoie, Planning & Zoning Manager, gave a presentation on the Bryan Road Development Design Guidelines and site plan requests.

Mayor Lewellen opened the Public Hearing.

Attorney Stephanie Toothaker, representing the applicant, requested language be added to condition #27 and #28 that they will do their best effort in meeting those conditions in order to give the developer flexibility regarding the South Florida Water Management District.

Marc LaFerrier, Director of Community Development, explained #27 speaks to an approval from the South Florida Water Management District; regarding #28, a pedestrian cross access easement at the south end may not be possible. As to Ms. Toothaker's request, amending those two items would be acceptable.

Seeing as there was no one else to speak in favor or opposition, Mayor Lewellen closed the Public Hearing.

Commissioner James motioned to adopt Resolution #2019-158, as amended; seconded by Commissioner Harris. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	**Yes**	**Vice-Mayor Odman**	**Yes**
Commissioner Harris	**Yes**	**Mayor Lewellen**	**Yes**
Commissioner James	**Yes**		

10. Discussion and Possible Action

There were no discussion items on this agenda.

11. Commission Comments

11.1 Commissioner Brandimarte

Commissioner Brandimarte spoke of the art in the atrium and questioned whether there could be a wall for less expensive art; prices should be brought within reach. The artists are getting the gallery for free and they are not local artists.

Commissioner Brandimarte noted the Lifetime Channel has been filming in Dania Beach; she will provide the dates that the segment will be aired to the City Manager to disseminate.

11.2 Commissioner Harris

Commissioner Harris noted there will be a joint workshop with Hollywood at the library on Stirling Road.

Commissioner Harris commented on the sea level rise initiative program by the County; seawalls will be required to be raised by 2030.

Commissioner Harris noted a trip for Broward Days in Tallahassee is planned, and spoke of the topics that will be covered.

Commissioner Harris thanked everyone who participated in helping distribute food for Thanksgiving at St. Maurice Church.

Commissioner Harris listed the numerous events scheduled for December 14th.

11.3 Commissioner James

Commissioner James commented on the Tamara James Foundation's 14th Annual Food Drive in Dania Beach. She thanked City and CRA staff and all the businesses for their involvement.

Commissioner James noted Rabbi Eckstein called her a month ago; this is a start of something great, including the Menorah ceremony at City Hall.

Commissioner James also noted her son won the PAL Youth Championship Super Bowl and she will bring the champions to a Commission meeting.

11.4 Vice-Mayor Odman

Vice-Mayor Odman spoke of the tree lighting ceremony and thanked Parks & Recreation for their hard work.

Vice-Mayor Odman noted a Menorah lighting is special and invited everyone to attend.

Vice-Mayor Odman reminded everyone to get their tickets to the 115th Anniversary celebration.

11.5 Mayor Lewellen

Mayor Lewellen spoke of the Thanksgiving Day event at St. Maurice's Church.

Mayor Lewellen also spoke of the tree lighting event at City Hall.

Mayor Lewellen noted she is glad to see we will be doing the Menorah lighting on December 23rd at 6:00 p.m.

Mayor Lewellen thanked City staff for their hard work and efforts.

12. <u>Appointments</u>

12.1 Complete Count Advisory Committee – no appointments

12.2 Creative Arts Council Advisory Board

Commissioner James appointed: Heather Holmes

12.3 Green Advisory Board – no appointments

Commissioner James motioned to approve the appointments; seconded by Commissioner Harris. The motion carried unanimously.

13. Administrative Reports

13.1 City Manager

City Manager Garcia spoke of her tenure as City Manager, and reported on a public auction hosted by Public Services and our First Annual Winter Camp with the Parks and Recreation Department.

City Manager Garcia referenced her Manager's Report and spoke of the attached memos which were included in the agenda packet; we have a remarkable team.

City Manager Garcia reported she received a letter today from Waste Management regarding complaints she has received about bulk waste and illegal dumping. We may have an opportunity to have two bulk pick-ups per month; she will report back to the Commission.

City Manager Garcia noted she would like the Commission to schedule a workshop on January 8th or 9th to discuss financing options for the Parks Master Plan.

A brief discussion ensued.

The Commission consensus was to schedule the workshop on Thursday, January 9, 2020 at 2:30 p.m. pending confirmation of Commissioner Brandimarte's availability.

13.2 City Attorney

City Attorney Ansbro wished everyone happy holidays.

13.3 City Clerk - Reminders

Thursday, December 12, 2019 – 4:00 p.m.	CRA Board Meeting
Tuesday, January 14, 2020 - 5:30 p.m.	CRA Board Meeting
Tuesday, January 14, 2020 - 7:00 p.m.	City Commission Meeting
Tuesday, January 28, 2020 - 7:00 p.m.	City Commission Meeting

14. Adjournment

Mayor Lewellen adjourned the meeting at 9:12 p.m.

ATTEST:

CITY OF DANIA BEACH

THOMAS SCHNEIDER, CMC
CITY CLERK

LORI LEWELLEN
MAYOR

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
TO APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY VARIOUS CITY DEPARTMENTS FOR SERVICES TO BE PURCHASED FROM PUBLIC UTILITY MANAGEMENT PLANNING SERVICES, INC. FOR PROFESSIONAL ENGINEERING SERVICES FOR FISCAL YEAR 2019-2020 (ENDING SEPTEMBER 30, 2020), THAT EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00); AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
MEMO-PUMPS-Exceed25k-revFJR, R-2020- PUMPS, Inc. Professional Engineering Services to Exceed $25K

CITY OF DANIA BEACH
PUBLIC SERVICES DEPARTMENT

MEMORANDUM

DATE: November 12, 2019

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, ICMA-CM, City Manager

VIA: Fernando J. Rodriguez, Public Services Director

RE: **APPROVAL OF RESOLUTION TO PROCURE PROFESSIONAL ENGINEERING SERVICES FROM PUBLIC UTILITY MANAGEMENT AND PLANNING SERVICES, INC. (P.U.M.P.S.) TO EXCEED THE CITY'S 25K THRESHOLD**

Request

Public Services is requesting authorization to engage in professional engineering services provided by the Public Utility Management and Planning Services to exceed the City's vendor threshold of $25,000.

Background

Public Services Department has been engaging the professional services of Public Utility Management and Planning Services, Inc. (PUMPS) for the water plant upgrade, the Oasis Projects, and stormwater drainage projects, and other technical work. The firm's principal, Frederick Bloetscher, Ph.D., P.E. has extensive knowledge of the City's infrastructure having been a consultant for the City of Dania Beach for over 10 years. His expertise adds great value to the services offered.

PUMPS, Inc. was chosen as one of fifteen firms awarded as an approved engineering consultant by the City Commission on October 25, 2016 under RFQ 16-004 under Resolution No. 2016-142.

Budgetary Impact

Funding for all department purchases shall be subject to and made within the respective Department's Professional Services Engineering Account #31-30 approved level of their respective annual budget appropriations and in accordance with the City of Dania Beach Purchasing Policy for each fiscal year.

Recommendation

Public Services recommends approval of the Resolution to exceed the City's single vendor annual expenditure threshold to PUMPS from available appropriations for Fiscal Year 2019-2020.

RESOLUTION NO. 2020-001

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY VARIOUS CITY DEPARTMENTS FOR SERVICES TO BE PURCHASED FROM PUBLIC UTILITY MANAGEMENT PLANNING SERVICES, INC. FOR PROFESSIONAL ENGINEERING SERVICES FOR FISCAL YEAR 2019-2020 (ENDING SEPTEMBER 30, 2020), THAT EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00); AUTHORIZING SUCH PURCHASES TO BE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Charter of the City of Dania Beach, Part III, Article 3, Section 4, Subsection (j), authorizes the City Manager to purchase supplies, services, equipment and materials for the City government in amounts in excess of the established monetary threshold without competitive bidding and without advertisement for bids if she is authorized to do so in advance by a resolution adopted by the City Commission; and

WHEREAS, the Dania Beach Code of Ordinances, Chapter 2, Article 1, Section 2-10, "Monetary thresholds for certain purchases and payment disbursement authorizations", Subsection (a), sets the monetary threshold at Twenty Five Thousand Dollars ($25,000.00) for a vendor each fiscal year; and

WHEREAS, the Public Services Department and other Departments will purchase engineering services from Public Utility Management Planning Services, Inc. ("PUMPS") during the fiscal year, which may exceed the annual Twenty Five Thousand Dollars ($25,000.00) City threshold for a single vendor and therefore, City Commission approval is required; and

WHEREAS, PUMPS was chosen as one of fifteen firms selected as an approved engineering consultant for continuing consulting services by the City Commission on October 25, 2016 pursuant to RFQ No. 16-004 under Resolution No. 2016-142; and

WHEREAS, the Public Services Director has determined that PUMPS will be needed to provide various professional engineering services; and

WHEREAS, the Public Services Department is seeking approval to exceed Twenty Five Thousand ($25,000.00) for any necessary future engineering services for Fiscal Year 2019-2020 provided funding is available and appropriated in the current budget year and made in accordance with the City of Dania Beach Purchasing Policy for the fiscal year;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the above "Whereas" clauses are ratified and confirmed, and they are made a part of and incorporated into this Resolution by this reference.

Section 2. That the City Commission authorizes professional services to be performed by PUMPS exceeding the annual amount of Twenty Five Thousand Dollars ($25,000.00) purchase threshold for a single vendor.

Section 3. That all Department purchases shall be subject to and made within the respective Department's approved level of their respective annual budget appropriations and in accordance with the City of Dania Beach Purchasing Policy for the fiscal year.

Section 4. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 5. That this Resolution shall become effective upon its passage and adoption.

PASSED and ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
TO APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE RE-APPROPRIATION OF TWO HUNDRED THOUSAND DOLLARS ($200,00.00) OF UNUSED FUNDS FROM THE OASIS PROJECT FISCAL YEAR 2017-2018 TO PROVIDE NEEDED FUNDING FOR A TRANSIT OPERATION STUDY FOR MULTI-MODAL TRANSPORTATION PROJECT AND BEACHFRONT PARKING LOT LIGHTING; PROVIDING FOR CONFLICT; FURHTER, PROVDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
C-MEMO-REALLOCTN-OASISXIV-011420, R-2020-002 Oasis XIV Project Reappropriation of Unspent Funds for Funding for Transit Operations Study

CITY OF DANIA BEACH
PUBLIC SERVICES DEPARTMENT

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

VIA: Ana M. Garcia, ICMA-CM, City Manager

FROM: Fernando J. Rodriguez, Public Services Director

Subject: **Re-appropriation of funds in Capital Fund Account No. 301-39-58-541-63-10 - Oasis XIV Project**

Request

The Public Services Department is requesting the re-assignment of the Oasis XIV funding in the amount of $200,000 for the following immediate project needs which are currently not funded:

1. Community Bus Transit Study: $41,000
2. Multimodal Project: amount to be determined
3. Beachfront parking lot lighting (Quarterdeck): amount to be determined

Background

In Fiscal year 2017-18 the Oasis XIV project had $200,000 appropriated to it. The project proposed to make improvements to SE 13 Terrace, SE 13th Street, and SE 14th Street (between Federal Highway and SE 2nd Avenue). Staff identified this area for an Oasis project largely because at that time the City had approved a new commercial development on a vacant lot on US1/Federal Highway (within the project area). The thinking was that public investment (Oasis XIV) coupled with private development would significantly improve the neighborhood. The proposed commercial development began to look unlikely, while at the same time project area's community did not support the proposed Oasis project. This project's funding remains unspent, and no approved replacement project has been identified to date. Public Services has identified three very important initiatives and projects that can be funded from this unspent balance. One of the initiatives has been specifically costed out, while the other two are being finalized and will be brought to the Commission for approval in the near future. The three projects are summarized below:

The Community Bus Transit Study will analyze present community shuttle service and provide recommendations to the improve the service. The costs associated with implementing the expected recommendations (which may include additional routes and improved vehicle amenities) will be included in funding requests to Broward County as part of the Transportation Surtax funding application (due by April 2020). The January 14th City Commission Agenda will include an item to approve a contract with the Corradino Group to perform the study.

\continued…

The CRA-initiated Multimodal Project is being accomplished through the FDOT's Transportation Alternative Program (TAP). Its purpose is to make multi-modal improvements in the form of new sidewalks and enhanced crosswalks in the Sun Garden Isles neighborhood, which includes NW 2 Street, NW 1 Street, W. Dania Beach Blvd., SW 1 Street. The original project budget was approximately $560,000, of which roughly $344,000 is grant funded (TAP grant).

The Multimodal Project will require additional funding. The project budget was established using the City's consulting engineer's cost estimate, but the award of the construction contract in August 2019 resulted in a cost amount that exceeded the estimate. Compounding this situation, the city's consulting engineer's review of the proposed construction plans resulted in recommended modifications (including changes to intersection geometry and crosswalk locations). The cost increase was mainly associated with Broward County's requirements resulting from its review of these modifications, which include crosswalk flashing light signage to enhance pedestrian safety. The additional funding will cover these increases in construction costs, additional engineering services associated with the modifications, and funding a contingency factor for the project. The contractor is presently preparing a change order to address the modifications. Public Services is planning to bring the change order and an engineering contract to the City Commission at the January 28th meeting.

The beach parking lot lighting, particularly along the more heavily used section near the Quarterdeck Restaurant, needs repairing and replacement. A preliminary proposal has been obtained and is presently under review. This expense is not in Public Services' FY20 operating budget. The repairs to the lighting will enhance pedestrian and driver safety.

Budgetary Impact

No impact to the City's budget is involved. The unspent funds in Capital Fund Account Re-appropriation of funds in Capital Fund Account No. 301-39-58-541-63-10 - Oasis XIV Project to Public Services' contractual services account no. 001-39-01-539-34-10.

Recommendation

City administration recommends approval of the re-assignment of the unspent Oasis XIV funding ($200,000) to the Public Services contractual services account.

RESOLUTION NO. 2020-002

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE RE-APPROPRIATION OF TWO HUNDRED THOUSAND DOLLARS ($200,000.00) OF UNUSED FUNDS FROM THE OASIS XIV PROJECT FISCAL YEAR 2017-2018 TO PROVIDE NEEDED FUNDING FOR A TRANSIT OPERATIONS STUDY FOR THE MULTI-MODAL TRANSPORTATION PROJECT AND BEACHFRONT PARKING LOT LIGHTING; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Dania Beach, Florida ("City") Oasis XIV Project was funded in Fiscal Year 2017-2018; however, the project was not completed due to lack of community support; and

WHEREAS, the City is pursuing important initiatives and projects such as transit, transportation and safety enhancements that will benefit City residents and visitors; and

WHEREAS, the Public Services Department has obtained a proposal for one of the projects and will obtain cost estimates for two other projects; and

WHEREAS, the required funding for these projects can be met by utilizing the unspent funds originally allocated to the Oasis XIV project;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the above "Whereas" clauses are ratified and confirmed, and they are made a part of and incorporated into this Resolution by this reference.

Section 2. The funds will be transferred from Capital Fund Account No. 301-39-58-541-63-10 (Oasis XIV Project) to Public Services Contractual Services Account No. 001-39-01-539-34-10.

Section 3. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 4. That this Resolution shall become effective upon its passage and adoption.

PASSED and ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
TO APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN AGREEMENT WITH THE CORRADINO GROUP FOR A COMPREHENSIVE TRANSPORTATION/TRANSIT ANALYSIS UTILIZING THE LEE COUNTY CONTRACT #160427/ANB C-7770 FOR FISCAL YEAR 2019-2020, IN AN AMOUNT NOT TO EXCEED FORTY ONE THOUSAND DOLLARS ($41,000.00), WITHOUT COMPETITIVE BIDDING AND AUTHORIZING SUCH PURCHASES THAT ARE TO BE MADE WITHIN THE PUBLIC SERVICES DEPARTMENT'S APPROVED ANNUAL BUDGET APPROPRIATION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
COMM-MEMO-CORRADINO-COA-011420rev1 (00000003), R-2020- Corradino Group Agreement for Comprehensive Transportation-Transit Analysis (Piggyback Lee County), R-2020- Corradino Group Agreement for Comprehensive Transportation-Transit Analysis (Piggyback Lee County) Exhibit A, R-2020- Corradino Group Agreement for Comprehensive Transportation-Transit Analysis (Piggyback Lee County) Exhibit B, Corradino Group, Inc Proposal for Transportation - Transit Analysis

CITY OF DANIA BEACH
PUBLIC SERVICES DEPARTMENT

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

VIA: Ana M. Garcia, ICMA- CM, City Manager

FROM: Fernando J. Rodriguez, Public Services Director

RE: COMPREHENSIVE OPERATIONAL ANALYSIS OF THE DANIA BEACH COMMUNITY SHUTTLE SERVICE– CORRADINO GROUP

Request

City administration is requesting City Commission authorization to engage the services of the transit consultant Corradino Group to complete a Comprehensive Operational Analysis (COA) of the city's shuttle bus service for a cost of $41,000. The COA proposal is being requested to be engaged upon as a piggyback to the Corradino Group's current contract for transportation/transit analysis services with Lee County (#160427/ANB C-7770). It is also requested that authorization be granted to exceed the Annual vendor threshold of $25,000. The resolution associated with this request is attached.

Background

The City's community shuttle currently has two routes and operates five days a week, eight hours a day. The routes have not been altered or assessed in a number of years, and annual ridership is relatively low (approximately 38,000 rides per year). The vehicles currently used for the service provide minimal amenities. Vehicle limitations include a lack of automatic passenger counter and GPS tracker system, and there is no on-board Wi-Fi or informational screen display. Buses are not equipped with on-board surveillance cameras, which is a highly desired safety feature. Currently the community shuttle does not offer a mobile "app" for route tracking, a highly useful customer service feature which many of today's transit systems provide.

The Corradino Group has extensive experience in transit operations analysis, having provided this type of consulting service successfully for various municipalities in South Florida for over a decade. The comprehensive review of this operation will identify ways to improve the service in several areas. These include assessing the route paths to consider modifications that will provide residents better access to places of interest, including Dania Pointe, schools, medical facilities, as well as new and emerging locations where goods and services are provided. Interconnectivity with existing Broward County Transit bus routes as well as counterpart community shuttle services in cities adjacent to Dania will also be pursued. Vehicle amenities, a possible change in the type of vehicles used, and better marketing of the shuttle service will also be covered by the analysis. The Corradino Group's proposal is attached.

\continued…

The ultimate goal of this study is to identify ways to improve the shuttle service significantly, thereby increasing ridership. A safe, well operated, and effective community bus shuttle adds great value to a city's the quality of life. Additionally, the expected increase in ridership upon implementing the study recommendations will result in increased County funding, thereby covering a larger portion of the operation's cost. Upon commencement of the COA of the analysis and final report will take approximately 90 days. If desired, the Corradino team will be available to present its findings and recommendation to the commission at that time.

Budgetary Impact

City Administration did not contemplate the necessity for the transit study during the development of the current year's budget. Surplus funding is available in an Oasis project (XIV) which was not completed due to lack of community support. This transfer is being submitted for approval as a separate Commission item in today's agenda. Funding for this study ($41,000) is available by way of a transfer from Capital Account No. 301-39-58-541-63-10 Oasis XIV to Public Services Account No. 001-39-01-539-34-10 Contractual Services.

Recommendation

City administration recommends approval of the resolution authorizing the City Manager to proceed with the proposed COA by the Corradino Group. Additionally, authorization to exceed the City's annual threshold of $25,000.00 is recommended.

RESOLUTION NO. 2020-003

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN AGREEMENT WITH THE CORRADINO GROUP FOR A COMPREHENSIVE TRANSPORTATION/TRANSIT ANALYSIS UTILIZING THE LEE COUNTY CONTRACT #160427/ANB C-7770 FOR FISCAL YEAR 2019-2020, IN AN AMOUNT NOT TO EXCEED FORTY ONE THOUSAND DOLLARS ($41,000.00), WITHOUT COMPETITIVE BIDDING AND AUTHORIZING SUCH PURCHASES THAT ARE TO BE MADE WITHIN THE PUBLIC SERVICES DEPARTMENT'S APPROVED ANNUAL BUDGET APPROPRIATION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Charter of the City of Dania Beach, Part III, Article 3, Section 4, Subsection (j), authorizes the City Manager to purchase supplies, services, equipment and materials for the City government in amounts in excess of the established monetary threshold without competitive bidding and without advertisement for bids if she is authorized to do so in advance by a resolution adopted by the City Commission; and

WHEREAS, the Dania Beach Code of Ordinances, Chapter 2, Article 1, Section 2-10, "Monetary thresholds for certain purchases and payment disbursement authorizations", Subsection (a), sets the monetary threshold at Twenty Five Thousand Dollars ($25,000.00) for a vendor each fiscal year; and

WHEREAS, the Corradino Group and Lee County have given permission to the City of Dania Beach to utilize available pricing under their Contract No. 160427/ANB C-7770, which has been renewed through June 4, 2021 (a copy both the Contract and the renewal are attached as composite Exhibit "A" and made a part of and are incorporated into this Resolution by this reference); and

WHEREAS, the Public Services Director has determined that it is necessary to utilize the Corradino Group for transportation/transit analysis services to assist with identifying ways to improve the City's shuttle service; and

WHEREAS, services requested may exceed the annual Twenty-Five Thousand Dollars ($25,000.00) City purchase threshold for a single vendor and, therefore, City Commission approval is required;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the above "Whereas" clauses are ratified and confirmed, and they are made a part of and incorporated into this Resolution by this reference.

Section 2. That the proper City officials are authorized to execute an agreement with the Corradino Group to provide comprehensive transportation/transit analysis, in an amount exceeding the annual amount of the Twenty Five Thousand Dollars ($25,000.00) purchase threshold for a single vendor for Fiscal Year 2019-2020 which agreement is attached as Exhibit "B", and it is made a part of and is incorporated into this Resolution by this reference.

Section 3. That services provided from the Corradino Group shall be appropriated from Account No. 001-39-01-539-34-10, "Contractual Services"; funding will be transferred to the account from Capital Fund Account No. 301-39-58-541-63-10.

Section 4. That the City Manager and City Attorney are authorized to make minor revisions to the related documents which are deemed necessary and proper and in the best interest of the City.

Section 5. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 6. That this Resolution shall become effective upon its passage and adoption.

PASSED and ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

Lee County
Southwest Florida
BOARD OF COUNTY COMMISSIONERS

John E. Manning
District One

Cecil L. Pendergrass
District Two

Ray Sandelli
District Three

Brian Hamman
District Four

Frank Mann
District Five

Roger Desjarlais
County Manager

Richard Wesch
County Attorney

Donna Marie Collins
County Hearing Examiner

December 12, 2019

239-533-8871

Mr. Jospeh Corradino
The Corradino Group
4055 NW 97th Avenue
Miami, FL 33178

Subject: Renewal of Annual Contract RFP160427ANB C-7770
Professional Planning Services

Dear Mr. Corradino:

The above-referenced annual contract will expire on 6/4/2020, unless renewed. Lee County is requesting that this annual contract be renewed for an additional one year period (6/5/2020 - 6/4/2021). Therefore, we are requesting that you choose one of the following options and return this letter to Lee County Procurement Management, Attn: Kimberly Urban, P.O. Box 398, Ft. Myers, FL 33902-0398, (Fax: 239-485-8383 or email kurban@leegov.com), within 15 days from receipt. Failure to return by 12/26/19, may, at the County's sole discretion, result in contract cancellation and/or rebid of solicitation.

__X__ a. I want to continue performing under this annual contract for an additional one year period under the same terms and conditions as agreed upon in the above-referenced quotation.

As a condition of this renewal, the vendor agrees to provide Lee County with an updated insurance certificate upon expiration of the original certificate on file with the County.

_____ b. I am not interested in extending this contract for an additional one-year period. Why? _____

Vendor:	**Lee County:**
Signature Joseph M. Corradino	Signature of Authorized Official
President, The Corradino Group, Inc. Title	Procurement Management Director Title
December 12, 2019 Date	Date

LEE COUNTY
SOUTHWEST FLORIDA

Lee County Procurement Management
Signatory Authorization Affidavit

Date: December 12, 2019 **Company Name:** The Corradino Group, Inc. ("Company")

AUTHORIZATION: The Affiant warrants the truth and accuracy of this Affidavit to statements hereinafter made. The Affiant acknowledges that it is of critical importance that the individuals signing legally binding documents on the Company's behalf possess the authority to bind the Company so that both parties are bound by the terms of said documents. The Affiant further acknowledges that the Lee County Board of County Commissioners ("County") reserves the right to request supporting documentation regarding signatory authorization, at any time, and a document will be rejected, if it does not comply exactly with the signature authorization requirements.

INSTRUCTIONS: This Authorization Affidavit shall only be executed by the following:

- Corporation: President or CEO
- LLC: Managing Member, if manager-managed LLC or Member, if member-managed LLC
- Sole Proprietor: Owner
- An individual authorized to sign on the Company's behalf as evidenced by internal Company documentation delegating signing authority to that individual. Please attach internal Company documentation, if applicable.

All signatures on this Affidavit must be wet, non-electronic and non-digital original signatures. If you have more than four Authorized Signatories, please duplicate this page. A wet, non-electronic and non-digital original signature is required on each page. The following individuals are hereby authorized, as representatives of the Company identified above, to sign and execute legally binding documents on behalf of the Company.

Authorized Signatory Name	Title
Joseph M. Corradino, AICP	President

By executing this Affidavit, I hereby authorize the individuals shown above to sign and execute legally binding documents on behalf of the Company. I further acknowledge that it shall be the sole responsibility of the Company to provide an updated Signatory Authorization Affidavit, upon any change in signatory authorization, to the County, Attention: Procurement Management Director, 1500 Monroe Street, 4th Floor, Fort Myers, FL 33901.

(Signature of Affiant)	President *(Title: President, CEO, Managing Member, Member, Owner)*	12/12/2019 *(Date)*

Joseph M. Corradino
(Printed Name of Affiant)

STATE OF FL
COUNTY OF Miami-Dade
The foregoing instrument was signed and acknowledged before me this 12 day of December 20 19 who produced the following as identification personally known
(type of identification and number or personally known)

Notary Public Signature	GUERLY ODOLPHE *Printed Name of Notary Public*	GG070789 *Commission Number/Expiration*

Page ___ of ___

Guerly Odolphe
Commission # GG070789
Expires: Feb. 7, 2021
Bonded thru Aaron Notary

Contract # 7770
Lee County
4/4/20

AGREEMENT FOR
RFP160427/ANB PROFESSIONAL PLANNING SERVICES FOR LEETRAN

THIS AGREEMENT ("Agreement") is made and entered into as of the date of execution by both parties, by and between Lee County, a political subdivision of the State of Florida, hereinafter referred to as the "County" and The Corradino Group, Inc., a Florida corporation, whose address is 4055 NW 97th Avenue, Suite 200, Miami FL 33178 and whose federal tax identification number is 61-0713040, hereinafter referred to as "Vendor."

WITNESSETH

WHEREAS, the County intends to purchase a full range of transit planning services associated with the operation of an urban transit system from the Vendor in connection with "RFP160427/ANB Professional Planning Services for LeeTran" (the "Purchase"); and,

WHEREAS, the County issued Solicitation No. RFP160427/ANB on January 13, 2017; and,

WHEREAS, the County evaluated the responses received and found the Vendor qualified to provide the necessary services; and,

WHEREAS, the County posted a Notice of Intended Decision on March 14, 2017; and,

WHEREAS, the Vendor has reviewed the products and services to be supplied pursuant to this Agreement and is qualified, willing and able to provide all such products and services in accordance with its terms.

NOW, THEREFORE, the County and the Vendor, in consideration of the mutual covenants contained herein, do agree as follows:

I. PRODUCTS AND SERVICES

The Vendor agrees to diligently provide all products and services for the Purchase in accordance with the project Scope of Services made part of this Agreement as Exhibit A, attached hereto and incorporated herein. Vendor shall comply strictly with all of the terms and conditions of Solicitation No. RFP160427/ANB, a copy of which is on file with the County's Department of Procurement Management and is deemed incorporated into this Agreement.

II. TERM AND DELIVERY

A. This Agreement shall commence immediately upon execution by both the County and the Vendor on an as-needed basis, and shall continue for one year with the option to renew for three additional one year periods.

B. A purchase order must be issued by the County before commencement of any work or purchase of any goods related to this Agreement.

III. COMPENSATION AND PAYMENT

A. The County shall pay the Vendor in accordance with the terms and conditions of this Agreement for providing all products and services as set forth in Exhibit A, and further described in Exhibit B, Fee Schedule, attached hereto and incorporated herein. Said total amount to be all inclusive of costs necessary to provide all products and services as outlined in this Agreement, and as supported by the Vendor's submittal in response to Solicitation No. RFP160427/ANB, a copy of which is on file with the County's Department of Procurement Management and is deemed incorporated into this Agreement.

B. Notwithstanding the preceding, Vendor shall not make any deliveries or perform any work under this Agreement until receipt of a purchase order from the County. Vendor acknowledges and agrees that no minimum order or amount of product or work is guaranteed under this Agreement and County may elect to issue no purchase orders. If a purchase order is issued, the County reserves the right to amend, reduce, or cancel the purchase order in its sole discretion.

C. All funds for payment by the County under this Agreement are subject to the availability of an annual appropriation for this purpose by the County. In the event of nonappropriation of funds by the County for the services provided under this Agreement, the County will terminate the contract, without termination charge or other liability, on the last day of the then current fiscal year or when the appropriation made for the then-current year for the services covered by this Agreement is spent, whichever event occurs first. If at any time funds are not appropriated for the continuance of this Agreement, cancellation shall be accepted by the Vendor on thirty (30) days' prior written notice, but failure to give such notice shall be of no effect and the County shall not be obligated under this Agreement beyond the date of termination.

IV. METHOD OF PAYMENT

A. The County shall pay the Vendor in accordance with the Local Government Prompt Payment Act, Section 218.70, Florida Statutes, upon receipt of the Vendor's invoice and written approval of same by the County indicating that the products and services have been provided in conformity with this Agreement.

B. The Vendor shall submit an invoice for payment to the address indicated on the purchase order on a monthly basis for those specific products and services as described in Exhibit A (and the corresponding fees as described in Exhibit B that were provided during that invoicing period.

C. For partial shipments or deliveries, progress payments shall be paid monthly in proportion to the percentage of products and services delivered on those specific line items as approved in writing by the County.

V. ADDITIONAL PURCHASES

A. No changes to this Agreement or the performance contemplated hereunder shall be made unless the same are in writing and signed by both the Vendor and the County.

B. If the County requires the Vendor to perform additional services or provide additional product(s) related to this Agreement, then the Vendor shall be entitled to additional compensation based on the Fee Schedule as amended to the extent necessary to accommodate such additional work or product(s). The additional compensation shall be agreed upon before commencement of any additional services or provision of additional product(s) and shall be incorporated into this Agreement by written amendment. The County shall not pay for any additional service, work performed or product provided before a written amendment to this Agreement.

Notwithstanding the preceding, in the event additional services are required as a result of error, omission or negligence of the Vendor, the Vendor shall not be entitled to additional compensation.

VI. LIABILITY OF VENDOR

A. The Vendor shall save, defend, indemnify and hold harmless the County from and against any and all claims, actions, damages, fees, fines, penalties, defense costs, suits or liabilities which may arise out of any act, neglect, error, omission or default of the Vendor arising out of or in any way connected with the Vendor or subcontractor's performance or failure to perform under the terms of this Agreement.

B. This section shall survive the termination or expiration of this Agreement.

VII. VENDOR'S INSURANCE

A. Vendor shall procure and maintain insurance as specified in Exhibit C, Insurance Requirements, attached hereto and made a part of this Agreement.

B. Vendor shall, on a primary basis and at its sole expense, maintain in full force and effect, at all times during the life of this Agreement, insurance coverage (including endorsements) and limits as described in Exhibit C These requirements, as well as the County's review or acceptance of insurance maintained by Vendor, are not intended to and shall not in any manner limit or qualify the liabilities or obligations assumed by Vendor under this Agreement. Insurance carriers providing coverage required herein must be licensed to conduct business in the State of Florida and must possess a current A.M. Best's Financial Strength Rating of B+ Class VII or better. No changes are to be made to these specifications without prior written specific approval by County Risk Management.

VIII. RESPONSIBILITIES OF THE VENDOR

A. The Vendor shall be responsible for the quality and functionality of all products supplied and services performed by or at the behest of the Vendor under this Agreement. The Vendor shall, without additional compensation, correct any errors or deficiencies in its products, or if directed by County, supply a comparable replacement product or service.

B. The Vendor warrants that it has not employed or retained any company or person (other than a bona fide employee working solely for the Vendor), to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual, or firm other than a bona fide employee working solely for the Vendor, any fee, commission, percentage, gift, or any other consideration, contingent upon or resulting from the award of this Agreement.

C. The Vendor shall comply with all federal, state, and local laws, regulations and ordinances applicable to the work or payment for work thereof, and shall not discriminate on the grounds of race, color, religion, sex, or national origin in the performance of work under this Agreement.

D. Vendor specifically acknowledges its obligations to comply with Section 119.0701, Florida Statutes, with regard to public records, and shall:

1) keep and maintain public records that ordinarily and necessarily would be required by the County in order to perform the services required under this Agreement;

2) upon request from the County's custodian of public records, provide the County with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed, except as authorized by law; and

4) meet all requirements for retaining public records and transfer, at no cost to the County, all public records in possession of Vendor upon termination of this Agreement and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to the County in a format that is compatible with the information technology system of the County.

IF THE VENDOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE VENDOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THE CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT 239-533-2221, 2115 SECOND STREET, FORT MYERS, FL 33901, http://www.leegov.com/publicrecords.

E. The Vendor is, and shall be, in the performance of all work, services and activities under this Agreement, an independent contractor. Vendor is not an employee, agent or servant of the County and shall not represent itself as such. All persons engaged in any work or services performed pursuant to this Agreement shall at all times, and in all places, be subject to the Vendor's sole direction, supervision and control. The Vendor shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the Vendor's relationship and the relationship of its employees to the County shall be that of an independent contractor and not as employees of the County. The Vendor shall be solely responsible for providing benefits and insurance to its employees.

IX. OWNERSHIP OF PRODUCTS

It is understood and agreed that all products provided under this Agreement shall become the property of the County upon acceptance by the County.

X. TIMELY DELIVERY OF PRODUCTS AND PERFORMANCE OF SERVICES

A. The Vendor shall ensure that all of its staff, contractors and suppliers involved in the production or delivery of the products are fully qualified and capable to perform their assigned tasks.

B. The personnel assigned by the Vendor to perform the services pursuant to this Agreement shall comply with the terms set forth in this Agreement. Any change or substitution to the Vendor's key personnel must receive the County's written approval before said changes or substitution can become effective.

C. The Vendor specifically agrees that all products shall be delivered within the time limits as set forth in this Agreement, subject only to delays caused by force majeure, or as otherwise defined herein. "Force majeure" shall be deemed to be any unforeseeable and unavoidable cause affecting the performance of this Agreement arising from or attributable to acts, events, omissions or accidents beyond the control of the parties.

XI. COMPLIANCE WITH APPLICABLE LAW

This Agreement shall be governed by the laws of the State of Florida. Vendor shall promptly comply with all applicable federal, state, county and municipal laws, ordinances, regulations, and rules relating to the services to be performed hereunder and in effect at the time of performance. Vendor shall conduct no activity or provide any service that is unlawful or offensive.

XII. TERMINATION

A. The County shall have the right at any time upon fifteen (15) days' written notice to the Vendor to terminate this Agreement in whole or in part for any reason whatsoever. In the event of such termination, the County shall be responsible to Vendor only for fees and compensation earned by the Vendor, in accordance with Section III, prior to the effective date of said termination. In no event shall the County be responsible for lost profits of Vendor or any other elements of breach of contract.

B. After receipt of a notice of termination, except as otherwise directed, the Vendor shall stop work on the date of receipt of the notice of termination or other date specified in the notice; place no further orders or sub-contracts for materials, services, or facilities except as necessary for completion of such portion of the work not terminated; terminate all vendors and subcontracts; and settle all outstanding liabilities and claims.

C. The County's rights under this Agreement shall survive the termination or expiration of this Agreement and are not waived by final payment or

acceptance and are in addition to the Vendor's obligations under this Agreement.

XIII. DISPUTE RESOLUTION

A. In the event of a dispute or claim arising out of this Agreement, the parties agree first to try in good faith to settle the dispute by direct discussion. If this is unsuccessful, the parties may enter into mediation in Lee County, Florida, with the parties sharing equally in the cost of such mediation.

B. In the event mediation, if attempted, is unsuccessful in resolving a dispute, the parties may proceed to litigation as set forth below.

C. Any dispute, action or proceeding arising out of or related to this Agreement will be exclusively commenced in the state courts of Lee County, Florida, or where proper subject matter jurisdiction exists, in the United States District Court for the Middle District of Florida. Each party irrevocably submits and waives any objections to the exclusive personal jurisdiction and venue of such courts, including any objection based on forum non conveniens.

D. This Agreement and the rights and obligations of the parties shall be governed by the laws of the State of Florida without regard to its conflict of laws principles.

E. Unless otherwise agreed in writing, the Vendor shall be required to continue all obligations under this Agreement during the pendency of a claim or dispute including, but not limited to, actual periods of mediation or judicial proceedings.

XIV. STOP WORK ORDER

The County may, at any time, by written order to the Vendor, require the Vendor to stop all or any part of the work called for by this Agreement. Any order shall be identified specifically as a stop work order issued pursuant to this clause. This order shall be effective as of the date the order is delivered to the Vendor. Upon receipt of such an order, the Vendor shall immediately comply with its terms and take all reasonable steps to minimize the incurrence of costs allocable to the work covered by the order during the period of work stoppage. The Vendor shall not resume work unless specifically so directed in writing by the County. The County may take one of the following actions:

1. Cancel the stop work order; or

2. Terminate the work covered by the order; or

3. Terminate the Agreement in accordance with provisions contained in Section XI.

In the event the County does not direct the Vendor to resume work, the stop work order may be converted into a notice of termination for convenience pursuant to Section XI. The notice period for such termination shall be deemed to commence on the date of issuance of the stop work order. In the event the County does not direct the Vendor to resume work within ninety (90) days, the Vendor may terminate this Agreement.

XV. VENDOR WARRANTY

A. All products provided under this Agreement shall be new (unless specifically identified otherwise in Exhibit B) and of the most suitable grade for the purpose intended.

B. If any product delivered does not meet performance representations or other quality assurance representations as published by manufacturers, producers or distributors of the products or the specifications listed in this Agreement, the Vendor shall pick up the product from the County at no expense to the County. The County reserves the right to reject any or all materials if, in its judgment, the item reflects unsatisfactory workmanship or manufacturing or shipping damage. In such case, the Vendor shall refund to the County any money which has been paid for same.

XVI. MISCELLANEOUS

A. This Agreement constitutes the sole and complete understanding between the parties and supersedes all other contracts between them, whether oral or written, with respect to the subject matter. No amendment, change or addendum to this Agreement is enforceable unless agreed to in writing by both parties and incorporated into this Agreement.

B. The Vendor shall not assign any interest in this Agreement and shall not transfer any interest in same (whether by assignment or novation) without the prior written consent of the County, except that claims for the money due or to become due to the Vendor from the County under this Agreement may be assigned to a financial institution or to a trustee in bankruptcy without such approval from the County. Notice of any such transfer or assignment due to bankruptcy shall be promptly given to the County.

C. The exercise by either party of any rights or remedies provided herein shall not constitute a waiver of any other rights or remedies available under this Agreement or any applicable law.

D. The failure of the County to enforce one or more of the provisions of the Agreement shall not be construed to be and shall not be a waiver of any

such provision or provisions or of its right thereafter to enforce each and every such provision.

E. The parties covenant and agree that each is duly authorized to enter into and perform this Agreement and those executing this Agreement have all requisite power and authority to bind the parties.

F. Neither the County's review, approval or acceptance of, nor payment for, the products and services required under this Agreement shall be construed to operate as a waiver of any rights under this Agreement or of any cause of action arising out of the performance of this Agreement.

G. If the Vendor is comprised of more than one legal entity, each entity shall be jointly and severally liable hereunder.

H. Any notices of default or termination shall be sufficient if sent by the parties via United States certified mail, postage paid, or via a nationally recognized delivery service, to the addresses listed below:

Vendor's Representative:		County's Representatives:		
Name:	Joseph M. Corradino	Names:	Roger Desjarlais	Mary Tucker
Title:	President	Titles:	County Manager	Director of Procurement Management
Address:	4055 N.W. 97th Ave Miami, FL 33178	Address:	P.O. Box 398 Fort Myers, FL 33902	
Telephone:	305.574.0735	Telephone:	239-533-2221	239-533-8881
Facsimile:	305.574.0755	Facsimile:	239-485-2262	239-485-8383
E-mail:	jmcorradino@corradino.com	E-Mail:	rdesjarlais@leegov.com	mtucker@leegov.com

I. Any change in the County's or the Vendor's Representative will be promptly communicated by the party making the change.

J. Paragraph headings are for the convenience of the parties and for reference purposes only and shall be given no legal effect.

K. In the event of conflicts or inconsistencies, the documents shall be given precedence in the following order:

1. Agreement
2. County's Purchase Order
3. Solicitation No. RFP160427/ANB
4. Vendor's Submittal in Response to Solicitation No. RFP160427/ANB

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date last below written.

WITNESS:

Signed By: _____

Print Name: Asela Rodriguez

The Corradino Group, Inc.

Signed By: _____

Print Name: Joseph C. Corradino

Title: CEO

Date: April 12, 2017

LEE COUNTY

BOARD OF COUNTY COMMISSIONERS
OF LEE COUNTY, FLORIDA

BY: John Manning
CHAIR

DATE: 6/5/17

ATTEST:
CLERK OF THE CIRCUIT COURT
Linda Doggett, Clerk

BY: Theresa King
DEPUTY CLERK

BOARD OF COUNTY COMMISSIONERS
SEAL
LEE COUNTY, FLORIDA

APPROVED AS TO FORM FOR THE RELIANCE OF LEE COUNTY ONLY:

BY: _____
OFFICE OF THE COUNTY ATTORNEY

EXHIBIT A
SCOPE OF SERVICES

Examples of tasks and projects as defined by FTA Circular 9030.1E Planning Projects include, but are not limited: studies relating to management, operations, capital requirements, and economic feasibility.

The scope of services, schedule, and compensation for each assignment will be quoted and negotiated individually as the need arises. The hourly rates per discipline to be used to develop the cost for each Supplemental Task Authorization will be identified in the proposal submitted and included in the annual contract.

PROJECT DESCRIPTION

1.1 The Lee County Board of County Commissioners invites Consultants to provide a full range of Transit Planning Services associated with the operation of an urban transit system.

1.2 These include proven expertise in the following areas:

- Route and Service Planning
- Park and Ride Development, Analysis and Planning
- Comprehensive Operational Analysis
- Ridership Analysis and forecasting of existing services, service modifications, and potential new service
- Comprehensive Plans and Future Land Use – Enhancement of coordination with transit services including transit oriented development and traditional neighborhood design
- Transportation Analysis
- Bus Route Timing and Schedule Adherence
- Transit Corridor Studies
- General Transit Planning
- ADA Compliance Report
- Title VI Plan
- EEO Plan
- DBE Plan and DBE Goals
- Bus Rapid Transit Study
- Transit Benefit Study
- Fare Policy Analysis
- Financial Planning and Analysis including service costing and passenger revenue forecasting
- Performance monitor and evaluation
- Paratransit Planning and Service Analysis
- Geographic information system analysis
- Transportation modeling
- Analysis of computer information system planning applications
- Passenger Survey development and analysis including on-board surveys, origin and destination analysis, and user satisfaction
- Federal and State Competitive Grant Applications
- Federal Transit funding and compliance requirements

EXHIBIT A
SCOPE OF SERVICES

- Public Participation Program Development
- Procurement Manual
- Security System Plan
- Safety System Plan
- Transit Asset Management Plan
- NEPA Environmental Assessments
- Intelligent Transportation System – Fare Payment Technical Consulting – including procurement process assistance

1.3 Lee County requires the Vendor's personnel to have the following qualifications:

- Computerized GIS Mapping
- Transit Route and Service Planning
- Route and System ridership analysis and modeling
- Service Analysis and costing
- Financial analysis and planning
- Performance monitoring
- Report writing and presentation
- Trend Analysis
- Knowledge of FTA Regulations
- FTA Funding Eligibility
- Facilitated workshop and presentation

1.4 This contract does not entitle any firm to exclusive rights to County contracts. The County reserves the right to perform any and all available required work in-house or by any other means it so desires.

PRICING AND INVOICING

This is a "Master Contract", which is not for any specific project or task. Supplemental Task Authorizations will be negotiated, authorized, scheduled, and funded individually by LeeTran and will be based on the hourly rates listed in the proposal and subsequent "Master Contract." No travel expenses or miscellaneous expenses will be reimbursed under this Contract. Initial hourly rates by discipline will remain in effect throughout the duration of the contract period. All monthly invoices must be submitted using the County's standard invoice form. In addition the invoice must be listed by task showing the work completed for the month, and a cumulative total by task with a % of task completed. All invoices must include a progress report and shall be submitted to the Project Manager for approval.

SUPPLEMENTAL TASK AUTHORIZATION PROCEDURES

When a project is ready to bid under this Master Contract the County will select a minimum of two vendors from the awarded library and request a quote. Quoted price may not exceed the hourly rates in their contract. The County will then choose the Proposal that it finds to be most advantageous to the County, based upon the project specific quote received from the selected vendor(s).

EXHIBIT A
SCOPE OF SERVICES

The County reserves the right to select a Proposal for award without any discussions or negotiations. The vendor whose quote is found to be most advantageous to the County may be selected, based upon consideration of the criteria of described herein (best value).

EXHIBIT B
FEE SCHEDULE

Professional Planning Services				
ITEM #	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST**
Primary Job Description				
BASE BID				
1	GIS Analyst	1	Hour	$80.00
2	IT Specialist	1	Hour	$30.00
3	Principal Planner	1	Hour	$150
4	Planner	1	Hour	$100
5	Planning Technician	1	Hour	$60
6	Admin Support Specialist	1	Hour	$30
ALTERNATE ITEMS				
ITEM #	**DESCRIPTION**	**UNIT**	**QUANTITY**	**UNIT COST**
7				
8				
9				
10				

EXHIBIT C
INSURANCE REQUIREMENTS

Major Insurance Requirements

Minimum Insurance Requirements: ***Risk Management in no way represents that the insurance required is sufficient or adequate to protect the Vendors' interest or liabilities. The following are the required minimums the Vendor must maintain throughout the duration of this Agreement. The County reserves the right to request additional documentation regarding insurance provided.***

a. **Commercial General Liability** - Coverage shall apply to premises and/or operations, products and completed operations, independent contractors, contractual liability exposures with minimum limits of:

   $1,000,000 per occurrence
   $2,000,000 general aggregate
   $1,000,000 products and completed operations
   $1,000,000 personal and advertising injury

b. **Business Auto Liability** - The following Automobile Liability will be required and coverage shall apply to all owned, hired and non-owned vehicles use with minimum limits of:

   $1,000,000 combined single limit (CSL)
   $500,000 bodily injury per person
   $1,000,000 bodily injury per accident
   $500,000 property damage per accident

c. **Workers' Compensation** - Statutory benefits as defined by Chapter 440, Florida Statutes, encompassing all operations contemplated by this contract or agreement to apply to all owners, officers, and employees regardless of the number of employees. Workers' Compensation exemptions may be accepted with written proof of the State of Florida's approval of such exemption. Employers' liability will have minimum limits of:

   $500,000 per accident
   $500,000 disease limit
   $500,000 disease – policy limit

*The required minimum limit of liability shown in a and b may be provided in the form of "Excess Insurance" or "Commercial Umbrella Policies," in which case, a "Following Form Endorsement" will be required on the "Excess Insurance Policy" or "Commercial Umbrella Policy."

EXHIBIT C
INSURANCE REQUIREMENTS

Verification of Coverage:

1. Coverage shall be in place prior to the commencement of any work and throughout the duration of the contract. A certificate of insurance will be provided to the Risk Manager for review and approval. The certificate shall provide for the following:

   a. The certificate holder shall read as follows:

      Lee County Board of County Commissioners
      P.O. Box 398
      Fort Myers, Florida 33902

   b. *"Lee County, a political subdivision and Charter County of the State of Florida, its agents, employees, and public officials"* will be named as an "Additional Insured" on the General Liability policy, including Products and Completed Operations coverage.

Special Requirements:

1. An appropriate "Indemnification" clause shall be made a provision of the Agreement.

2. It is the responsibility of the general contractor to ensure that all subcontractors comply with all insurance requirements.

Blue Sheet No. 20170228	Lee County Board Of County Commissioners Agenda Item Report Meeting Date: 5/16/2017	Item No. C13

TITLE:
Award contracts for Professional Planning Services for LeeTran

ACTION REQUESTED:
A) Award contracts for Request for Proposals No. RFP160427/ANB, Professional Planning Services for LeeTran, to Tindal-Oliver & Associates, Inc., dba Tindal Oliver and The Corradino Group Inc., to provide professional planning services for LeeTran on an as-needed basis for one year, as approved in the department's annual adopted budget.
B) Authorize the Chair to execute the contract documents on behalf of the Board of County Commissioners.
C) Authorize the Director of Procurement Management to negotiate and execute renewals of the contracts, with County Administration approval, for up to three additional one year periods, as approved in the department's annual budget and if doing so is in the best interest of Lee County.

FUNDING:
Budgeted in the current year for $165,000.

Anticipated planning contract amounts will be budgeted in the future years.

Transit Capital: KI5440148640.503190 Other Professional Services.

WHAT ACTION ACCOMPLISHES:
Awards contracts for Request for Proposals No. RFP160427/ANB, Professional Planning Services for LeeTran, to Tindal-Oliver & Associates, Inc., dba Tindal Oliver and The Corradino Group Inc., to provide professional planning services for LeeTran on an as-needed basis. Approval provides Lee Tran with two firms capable of providing professional services for miscellaneous transit projects. Staff will negotiate services with these firms on an as-needed, project-by-project basis. Services to be provided include a full range of transit planning services associated with the operation of an urban transit system. Some of the anticipated planning projects will be eligible for reimbursement from the Federal Transit Administration (FTA) and Florida Department of Transportation (FDOT). The term of the contracts are one year with the option to renew for three additional one year periods. In FY 15/16, LeeTran's Planning consultant expenditures were $306,967. These expenditures were reimbursed by FTA.

MANAGEMENT RECOMMENDATION:

Requirement/Purpose: *(specify)*	Request Initiated
☐ Statute ☐ Ordinance ☒ Admin Code AC-4-4 ☐ Other	**Commissioner:** All **Department:** TRANSIT **Division:** No Divisions **By:** Steve Myers

Background:

Required Review:

Steve Myers	Ashley D. Fesperman	Anne Henkel	Peter Winton	Nicole Turner	David Harper
TRANSIT	County Attorney	Budget Analyst	Budget Services	Purchasing	County Manager

Letters of Interest were solicited on behalf of the Board of County Commissioners for Professional Planning Services for Lee County.

The deadline for receipt of the Letters of Interest was February 17, 2017. A total of two Letters of Interest were submitted within the established date and time. All Letters of Interest were considered at the evaluation committee meeting held on March 10, 2017.

At the committee meeting, each member indicated who they considered the most qualified and why. During the evaluation of firms, Committee members considered the firms overall experience, qualifications of their staff, project approach to various urban transit systems and pricing.

The evaluation committee's recommendation is to award to both Tindal-Oliver & Associates, Inc., dba Tindal Oliver and the Corradino Group Inc.

1) Scoring Sheet
2) Notice of Intended Decision
3) Proposed Contract – Tindal-Oliver & Associates, Inc., dba Tindal Oliver
4) Proposed Contract – The Corradino Group Inc.

A.M. Best Rating Services

The Charter Oak Fire Insurance Company (?)

A.M. Best #: 002516 **NAIC #: 25615** **FEIN #: 060291290**

Domiciliary Address
One Tower Square
Hartford, CT 06183
United States

Web: www.travelers.com
Phone: 860-277-0111
Fax: 860-277-7002

Financial Strength Rating
A.M. BEST
A++ Superior
Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on A.M. Best's analysis, 058470 - The Travelers Companies, Inc. is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength Rating View Definition

Rating:	A++ (Superior)
Affiliation Code:	g (Group)
Financial Size Category:	XV ($2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	June 30, 1936

Long-Term Issuer Credit Rating View Definition

Long-Term:	aa+
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	April 18, 2005

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Issued by: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Gregory Dickerson
Director: Jennifer Marshall, CPCU, ARM

Disclosure Information

View A.M. Best's Rating Disclosure Form

A.M. Best Affirms Ratings of The Travelers Companies, Inc. and Its Subsidiaries
July 22, 2016

Rating History

A.M. Best has provided ratings & analysis on this company since 1936.

A.M. Best Rating Services

The Phoenix Insurance Company (?)

A.M. Best #: 002518 **NAIC #: 25623** **FEIN #: 060303275**

Domiciliary Address
One Tower Square
Hartford, CT 06183
United States

Web: www.travelers.com
Phone: 860-277-0111
Fax: 860-277-7002

Financial Strength Rating
BEST
A++ Superior

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on A.M. Best's analysis, 058470 - The Travelers Companies, Inc. is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength Rating View Definition

Rating:	A++ (Superior)
Affiliation Code:	g (Group)
Financial Size Category:	XV ($2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	December 31, 1907

Long-Term Issuer Credit Rating View Definition

Long-Term:	aa+
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	April 18, 2005

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Issued by: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Gregory Dickerson
Director: Jennifer Marshall, CPCU, ARM

Disclosure Information

View A.M. Best's Rating Disclosure Form

A.M. Best Affirms Ratings of The Travelers Companies, Inc. and Its Subsidiaries
July 22, 2016

Rating History

A.M. Best has provided ratings & analysis on this company since 1907.

A.M. Best Rating Services

Travelers Property Casualty Company of America (2)

A.M. Best #: 004461 **NAIC #: 25674** **FEIN #: 362719165**

Domiciliary Address
One Tower Square
Hartford, CT 06183
United States

Web: www.travelers.com
Phone: 860-277-0111
Fax: 860-277-7002

Financial Strength Rating
A.M. BEST
A++ Superior

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on A.M. Best's analysis, 058470 - The Travelers Companies, Inc. is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength Rating View Definition

Rating:	A++ (Superior)
Affiliation Code:	g (Group)
Financial Size Category:	XV ($2 Billion or greater)
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	June 30, 1972

Long-Term Issuer Credit Rating View Definition

Long-Term:	aa+
Outlook:	Stable
Action:	Affirmed
Effective Date:	July 22, 2016
Initial Rating Date:	April 18, 2005

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Issued by: A.M. Best Rating Services, Inc.
Senior Financial Analyst: Gregory Dickerson
Director: Jennifer Marshall, CPCU, ARM

Disclosure Information

View A.M. Best's Rating Disclosure Form

A.M. Best Affirms Ratings of The Travelers Companies, Inc. and Its Subsidiaries
July 22, 2016

Rating History

A.M. Best has provided ratings & analysis on this company since 1972.

A.M. Best Rating Services

Endurance American Specialty Insurance Company (?)

A.M. Best #: 013033 NAIC #: 41718 FEIN #: 751844564

Administrative Office
4 Manhattanville Road
Purchase, NY 10577
United States

View Additional Address Information

Web: www.endurance.bm
Phone: 914-468-8000

Financial Strength Rating
A.BEST
A+ Superior

Assigned to insurance companies that have, in our opinion, a superior ability to meet their ongoing insurance obligations.

View additional news, reports and products for this company.

Based on A.M. Best's analysis, 052641 - SOMPO Holdings, Inc is the **AMB Ultimate Parent** and identifies the topmost entity of the corporate structure. View a list of operating insurance entities in this structure.

Best's Credit Ratings

Financial Strength Rating View Definition

Rating:	A+ (Superior)
Affiliation Code:	g (Group)
Financial Size Category:	XV ($2 Billion or greater)
Outlook:	Stable
Action:	Upgraded
Effective Date:	March 28, 2017
Initial Rating Date:	November 02, 2005

Long-Term Issuer Credit Rating View Definition

Long-Term:	aa-
Outlook:	Stable
Action:	Upgraded
Effective Date:	March 28, 2017
Initial Rating Date:	November 02, 2005

u Denotes Under Review Best's Rating

Best's Credit Rating Analyst

Rating Issued by: A.M. Best Rating Services, Inc.
Financial Analyst: Victoria Ohorodnyk
Director: Greg Reisner

Disclosure Information

View A.M. Best's Rating Disclosure Form

A.M. Best Removes From Under Review and Upgrades Credit Ratings of Endurance Specialty Holdings Ltd. and its Subsidiaries
March 28, 2017

Rating History

A.M. Best has provided ratings & analysis on this company since 2005.

ACORD®

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 4/27/2017

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER
Arthur J. Gallagher Risk Management Services, Inc.
470 Atlantic Avenue
Boston MA 02210

CONTACT NAME: Lindsay Volpe
PHONE (A/C, No, Ext): 617-531-7712 FAX (A/C, No): 617-531-7724
E-MAIL ADDRESS: Lindsay_Volpe@ajg.com

INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A: Charter Oak Fire Insurance Company	25615
INSURER B: Phoenix Insurance Company	25623
INSURER C: Travelers Property Casualty Co of A	25674
INSURER D: Endurance American Specialty Ins Co	41718
INSURER E:	
INSURER F:	

INSURED THECORR-03
The Corradino Group Inc
Corradino LLC
4055 NW 97 Avenue
Miami FL 33178

COVERAGES CERTIFICATE NUMBER: 2041126399 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X Contractual Liab X Contingent Liab GEN'L AGGREGATE LIMIT APPLIES PER: X POLICY PRO-JECT LOC OTHER:			630-1H485046	5/1/2017	5/1/2018	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG $	$1,000,000 $1,000,000 $10,000 $1,000,000 $2,000,000 $2,000,000
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY X HIRED AUTOS ONLY SCHEDULED AUTOS X NON-OWNED AUTOS ONLY			810-1H562241	5/1/2017	5/1/2018	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) $	$1,000,000 $ $ $ $
C	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED X RETENTION $10,000			CUP-1H485046	5/1/2017	5/1/2018	EACH OCCURRENCE AGGREGATE $	$5,000,000 $5,000,000 $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y / N N	N / A	UB-1H486307	5/1/2017	5/1/2018	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$1,000,000 $1,000,000 $1,000,000
D	Professional Liability			DPL10003346505	8/31/2016	8/31/2017	Each Claim Aggregate Each Claim Retention	5,000,000 5,000,000 50,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Professional Retroactive Date: 07/09/1968
Lee County, a political subdivision and Charter County of the State of Florida, its agents, employees and public officials are included as Additional Insureds on the General Liability policy, including Products and Completed Operations coverage as required by written contract and subject to the policy's terms, definitions, conditions and exclusions

CERTIFICATE HOLDER

Lee County Board of County Commissioners
P.O. Box 398
Fort Meyers FL 33902

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Patrick J. Veale

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POLICY NUMBER: 630-1H485046

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

BLANKET ADDITIONAL INSURED (CONTRACTORS)

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

1. WHO IS AN INSURED- (Section II) is amended to include any person or organization that you agree in a "written contract requiring insurance" to include as an additional insured on this Coverage Part, but:
   a) Only with respect to liability for "bodily injury", "property damage" or "personal injury"; and
   b) If, and only to the extent that, the injury or damage is caused by acts or omissions of you or your subcontractor in the performance of "your work" to which the "written contract requiring insurance" applies. The person or organization does not qualify as an additional insured with respect to the independent acts or omissions of such person or organization.
2. The insurance provided to the additional insured by this endorsement is limited as follows:
   a) In the event that the Limits of Insurance of this Coverage Part shown in the Declarations exceed the limits of liability required by the "written contract requiring insurance", the insurance provided to the additional insured shall be limited to the limits of liability required by that "written contract requiring insurance". This endorsement shall not increase the limits of insurance described in Section III-Limits Of Insurance.
   b) The insurance provided to the additional insured does not apply to "bodily injury", "property damage" or "personal injury" arising out of the rendering of, or failure to render, any professional architectural, engineering or surveying services, including:
      i. The preparing, approving, or failing to prepare or approve, maps, shop drawings, opinions, reports, surveys, field orders or change orders, or the preparing, approving, or failing to prepare or approve, drawings and specifications; and
      ii. Supervisory, inspection, architectural or engineering activities.
   c) The insurance provided to the additional insured does not apply to "bodily injury" or "property damage" caused by "your work" and included in the "products-completed operations hazard" unless the "written contract requiring insurance" specifically requires you to provide such coverage for that additional insured, and then the insurance provided to the additional insured applies only to such "bodily injury" or "property damage" that occurs before the end of the period of time for which the "written contract requiring insurance" requires you to provide such coverage or the end of the policy period, whichever is earlier.
3. The insurance provided to the additional insured by this endorsement is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured for a loss we cover under this endorsement. However, if the "written contract requiring insurance" specifically requires that this insurance apply on a primary basis or a primary and non-contributory basis, this insurance is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured for such loss, and we will not share with that "other insurance". But the insurance provided to the additional insured by this endorsement still is excess over any valid and collectible "other insurance", whether primary, excess, contingent or on any other basis, that is available to the additional insured when that person or organization is an additional insured under such "other insurance".
4. As a condition of coverage provided to the additional insured by this endorsement:
   a) The additional insured must give us written notice as soon as practicable of an "occurrence" or an offense which may result in a claim. To the extent possible, such notice should include:

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i. How, when and where the "occurrence" or offense took place;

ii. The names and addresses of any injured persons and witnesses; and

iii. The nature and location of any injury or damage arising out of the "occurrence" or offense.

b) If a claim is made or "suit" is brought against the additional insured, the additional insured must:

i. Immediately record the specifics of the claim or "suit" and the date received; and

ii. Notify us as soon as practicable.

The additional insured must see to it that we receive written notice of the claim or "suit" as soon as practicable.

c) The additional insured must immediately send us copies of all legal papers received in connection with the claim or "suit", cooperate with us in the investigation or settlement of the claim or defense against the "suit", and otherwise comply with all policy conditions.

d) The additional insured must tender the defense and indemnity of any claim or "suit" to any provider of "other insurance" which would cover the additional insured for a loss we cover under this endorsement. However, this condition does not affect whether the insurance provided to the additional insured by this endorsement is primary to "other insurance" available to the additional insured which covers that person or organization as a named insured as described in paragraph 3. above.

5. The following definition is added to SECTION V. -DEFINITIONS:

"Written contract requiring insurance" means that part of any written contract or agreement under which you are required to include a person or organization as an additional insured on this Coverage Part, provided that the "bodily injury" and "property damage" occurs and the "personal injury" is caused by an offense committed:

a. After the signing and execution of the contract or agreement by you;

b. While that part of the contract or agreement is in effect; and

c. Before the end of the policy period.

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POLICY NUMBER: 810-1H562241

COMMERCIAL AUTO

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

BLANKET ADDITIONAL INSURED-PRIMARY AND NON-CONTRIBUTORY WITH OTHER INSURANCE

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

PROVISIONS

1. The following is added to Paragraph **A.1.c., Who Is An Insured, of SECTION II – COVERED AUTOS LIABILITY COVERAGE:**

   Any person or organization who is required under a written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, to be named as an additional insured is an "insured" for Covered Autos Liability Coverage, but only for damages to which this insurance applies and only to the extent that person or organization qualifies as an "insured" under the Who Is An Insured provision contained in **SECTION II.**

2. The following is added to Paragraph **B.5., Other Insurance of SECTION IV – BUSINESS AUTO CONDITIONS:**

   Regardless of the provisions of paragraph a. and paragraph d. of this part **5. Other Insurance**, this insurance is primary to and non-contributory with applicable other insurance under which an additional insured person or organization is the first named insured when the written contract or agreement between you and that person or organization, that is signed and executed by you before the "bodily injury" or "property damage" occurs and that is in effect during the policy period, requires this insurance to be primary and non-contributory.

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POLICY NUMBER: 630-1H485046

COMMERCIAL GENERAL LIABILITY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

OTHER INSURANCE- ADDITIONAL INSUREDS

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

PROVISIONS

COMMERCIAL GENERAL LIABILITY CONDITIONS (Section IV), Paragraph 4. **(Other Insurance)**, is amended as follows:

1. The following is added to Paragraph a. **Primary Insurance:**

   However, if you specifically agree in a written contract or written agreement that the insurance provided to an additional insured under this Coverage Part must apply on a primary basis, or a primary and non-contributory basis, this insurance is primary to other insurance that is available to such additional insured which covers such additional insured as a named insured, and we will not share with that other insurance, provided that:

   a. The "bodily injury" or "property damage" for which coverage is sought occurs; and

   b. The "personal injury" or "advertising injury" for which coverage is sought arises out of an offense committed

   subsequent to the signing and execution of that contract or agreement by you.

2. The first Subparagraph (2) of Paragraph b. **Excess Insurance** regarding any other primary insurance available to you is deleted.

3. The following is added to Paragraph b. **Excess Insurance**, as an additional subparagraph under Subparagraph (1):

   That is available to the insured when the insured is added as an additional insured under any other policy, including any umbrella or excess policy.

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Detail by Entity Name

Foreign Profit Corporation
THE CORRADINO GROUP, INC.

Filing Information

Document Number	F97000000207
FEI/EIN Number	61-0713040
Date Filed	01/13/1997
State	KY
Status	ACTIVE

Principal Address

4055 NW 97th AVENUE
MIAMI, FL 33178

Changed: 09/03/2014

Mailing Address

4055 NW 97th AVENUE
MIAMI, FL 33178

Changed: 09/03/2014

Registered Agent Name & Address

CORRADINO, JOSEPH M
4055 NW 97TH AVENUE
MIAMI, FL 33178

Name Changed: 09/03/2014

Address Changed: 02/17/2000

Officer/Director Detail

Name & Address

Title TD

P'POOL, FRED
4055 NW 97TH AVENUE
MIAMI, FL 33178

Title CD

CORRADINO, JOSEPH C

4055 NW 97TH AVENUE
MIAMI, FL 33178

Title PD

CORRADINO, JOSEPH M
4055 NW 97TH AVENUE
MIAMI, FL 33178

Title D

DEUTSCH, BURT J
FIRST TRUST CENTRE, SUITE 300 NORTH
LOUISVILLE, KY 40202

Title VD

PEREZ DE MORALES, EDUARDO
4055 NW 97TH AVENUE
MIAMI, FL 33178

Title VD

CISCAR, MIGUEL
4055 NW 97TH AVENUE
MIAMI, FL 33178

Annual Reports

Report Year	Filed Date
2015	01/13/2015
2016	01/05/2016
2017	01/09/2017

Document Images

01/09/2017 -- ANNUAL REPORT	View image in PDF format
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Florida Department of State, Division of Corporations

AGREEMENT BETWEEN THE CITY OF DANIA BEACH, FLORIDA AND THE CORRADINO GROUP, INC., A FLORIDA CORPORATION, UTILIZING PRICING FROM A LEE COUNTY, FLORIDA ANNUAL CONTRACT NO. 160427/ANB C-7770 PRESENTLY EXISTING BETWEEN THE CONTRACTOR AND LEE COUNTY, FLORIDA FOR TRANSPORTATION/TRANSIT ANALYSIS SERVICES

This is an Agreement ("Agreement") dated _____, 2020, between the City of Dania Beach, Florida, a Florida municipal corporation ("City"), with its principal place of business located at 100 West Dania Beach Boulevard, Dania Beach, Florida 33004 and The Corradino Group, Inc., a foreign corporation authorized to conduct business in Florida ("Contractor"), with its principal mailing address of 4055 NW 97th Avenue, Miami, Florida 33178.

In consideration of the mutual covenants, terms and conditions contained in this Agreement, and other good and valuable consideration, the adequacy and receipt of which are acknowledged and agreed upon, the parties agree to the following:

1. The agreement existing between the Contractor and Lee County, Florida, Contract No. 160427/ANB C-7770, and any amendment(s) to it, copies of which documents are attached as composite Exhibit "A", and made a part of and are incorporated into this Agreement by this reference, shall be considered as part of this Agreement between the City and the Contractor; provided, however, that if Contractor contracts with any other governmental agency in the South Florida area and service rates are lower than those afforded to Lee County, or any city in Florida for these same services, then Contractor shall provide such lower service rates to the City.

2. City agrees to pay the Contractor Forty One Thousand Dollars ($41,000.00) for services as shown on its Proposal, submitted to the City dated December 16, 2019, a copy of which document is attached as Exhibit "B", and made a part of and incorporated into this Agreement by this reference.

3. That in all other respects, the terms of the Lee County Contract No. 160427/ANB C-7770 applies to this Agreement.

4. City or Contractor may request changes that increase, decrease or otherwise modify the Work, as described in this Agreement. These changes may affect the compensation, and, if so, they must be described in a written Amendment to this Agreement, executed by the authorized agents of both of the parties, prior to any deviation from the terms of this Agreement. In no event will Contractor deviate or permit deviation from the Work described in Exhibit "B" without the City's advance written consent.

IN WITNESS OF THE FOREGOING, the parties have set their hand and seal the day and year first written above.

CITY:
CITY OF DANIA BEACH, FLORIDA,
a Florida municipal corporation

ATTEST:

_____
THOMAS SCHNEIDER, CMC
CITY CLERK

_____
LORI LEWELLEN
MAYOR

APPROVED AS TO FORM AND
CORRECTNESS:

_____
THOMAS J. ANSBRO
CITY ATTORNEY

_____
ANA M. GARCIA, ICMA-CM
CITY MANAGER

WITNESSES:

_____
Signature

_____
PRINT Name

_____
Signature

_____
PRINT Name

CONTRACTOR:
The Corradino Group, Inc.
a foreign corporation authorized to
conduct business in Florida

_____
Signature

_____
PRINT Name

_____
Title

Dated: _____, 2020

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, on _____, 2020, by _____, as _____ of The Corradino Group, Inc., a foreign limited liability company authorized to conduct business in Florida, on behalf of the corporation. He/she is personally known to me or has produced _____ as identification.

_____
Notary Public, State of _____

My Commission Expires:

_____
Print Name

December 16, 2019

City of Dania Beach

RE: East and West Routes: Comprehensive Operations Analysis

This letter is a proposal to assist with a Comprehensive Operational Analysis of Dania Beaches Community Shuttle Service East and West Shuttle Routes. It is our understanding that the City of Dania Beach desires to enhance the performance of its two routes so that they can operate at the highest level. This study will examine the benefits of transitioning to a trolley system, examine changes in land development within the coming years, to understand different traffic generators and hubs to help improve and revitalize the current service routes, examine different service amenities that would make riders more comfortable, to evaluate different emerging technologies like on demand service or first mile/last mile service, and to evaluate the provision of service as an in-house or contracted responsibility.

In doing so, Corradino will determine appropriate route alternatives and examine the potential locations of new stops, specifically on Federal Highway and with new developments in Dania Beach. An analysis of potential new route options will be undertaken to determine if additional mobility and connectivity can be provided to other generators, such as schools, parks, and shopping areas. The project will be supported by a detailed public engagement campaign. The services herein can be provided to the City as a piggyback on Lee County CONTRACT NO. (RFP 160427/ANB C-7770) Professional Planning Services for Lee Tran.

The following is a detailed scope of services, timeline and price.

Scope of Work:

Task 1: Identify Existing Conditions, and Route Performance
Task 2: Alternative Routes
Task 3: Public Engagement
Task 4: Final Report

Task 1: Identify Existing Conditions, and Route Performance

Time Frame: Day 1 – 45
Cost: $24,000

The purpose of this task is to collect all data necessary to assess the existing conditions and route performance. This will be used as the basis for any alternative route development. This set of existing conditions will be the basis upon which to develop all recommendations and system improvements. The many data collection activities that will take place during Task 1 include:

- Complete boarding and alighting study of fixed-route bus trips;

- An onboard passenger interview survey;
- Review of regional and adjacent municipalities circulators, shuttles and on-demand transit services;
- Review of roadway, conditions and location of major trip generators, as well as potential interface locations with other transit services
- Review of East and West Route Lines operational data

1.1 Boarding and Alighting Survey

The boarding and alighting survey is major undertaking and an extremely important data item. The boarding and alighting data will be used to examine route productivity issues, key trip generators, vehicle requirements and the like. Corradino has conducted numerous boarding and alighting surveys. They are typically done with using hand-held or tablet computers with all stops, routes and trips preprogrammed. Boardings and alightings will be time-stamped as they are collected to allow for the calculation of run time per trip and segment, schedule adherence and average speed. For the 6 days/week routes, Corradino proposes collecting full day sampling from each route for two (2) weekdays and one (1) Saturday. Data will be downloaded from the handheld or tablet devices and compiled into a ridership database that can then be queried to determine key performance factors such as total and average ridership by trip and route, boarding by stop, segment and trip and time of day, maximum load point, etc. The database can also be linked to a GIS-based map to graphically depict data such as boardings and alightings by stop, load factors and route productivity by segment. All this is critical in professionally assessing the performance of a transit route.

1.2 Onboard Passenger Interview Survey

The purpose of the onboard passenger survey will be to generate a profile of the East and West Route passengers, determine origins and destinations, trip frequency, customer satisfaction, and to document the need for additional services and service coverage. The surveys will be conducted as passengers board the buses, by handing them a survey to fill out as they ride or by asking questions one on one. The survey will be a one page, check the box instrument which will quickly assess pertinent information.

1.3 Review of other Circulators

Corradino will review the basic scheduling, funding and performance data for other circulators within the region. This information will include number of routes, headways, hours and days of operations, stop locations, cost per mile, cost per passenger. This data will be used to compare the East and West Routes with those services and assess the efficiency or effectiveness.

1.4 Review of External Conditions and System Operational Data

Corradino will examine roadway LOS across the city, identify existing and potential future transit trip generators, in conjunction with staff, identify areas of potential interface with other transit systems, then geocode each into a GIS database. The benefits of transitioning the East and West Routes to a trolley system will also be examined. This portion of the study will examine a cost analysis of the current bus and potential trolley systems, analysis between leasing or purchasing a trolley system, and City operated or privately-operated transit.

The review of external conditions will identify different enhancements with the bus/trolley system, including but not limited to connection points with services such as Freebie, on-board WiFi, and branding opportunities. This section will also explore funding for both routes through the Broward County Surtax. As Broward County prepares applications for enhanced funding options, this study will allow the City to apply for additional funding from the County. Corradino will clearly detail the rules of the surtax in the report.

Corradino will review all existing route data on ridership, cost, etc. for both routes. This will be used to supplement the analysis.

Task 2: Alternative Routes

Time Frame: Day 45–90
Cost: $11,500

Based on the review of roadways conditions, demographics and transit generators identified during Task 1, up to two alternative routes structures for the system will be developed. Planning level cost estimates will be developed for each option based on the operational and capital needs of the route structure; if needed, the cost of additional vehicles and facilities will be included. Each potential route will be mapped and displayed graphically. Preliminary schedule data will be developed for the selected alternative, using suggested timepoints and stop locations determined through the Task I analysis on existing conditions.

Evaluation of Alternative Routes will at a minimum, consider:

- Benefits and detriments of linking routes;
- Analysis of transfer locations/times to determine the efficiency of route connectivity;
- Potential headways and passenger travel times; and
- Assessment of the feasibility of express and limited stop services.

Corradino will utilize the results of Task 1 to conduct an analysis of expansion opportunities to areas not currently served by the shuttle. The expansion analysis will include consideration of how expansion will impact the existing system.

Task 3 – Public Engagement:

Time Frame: Day 1 – Project Conclusion
Cost: $4,000

Kickoff Meeting: A kickoff meeting will be held with City staff after the NTP within one week.

Steering Committee Meeting: A steering committee will be formed consisting of Parks and Recreation, Planning and Zoning, Broward County Transit, and other willing operators of surrounding systems. Two (2) meetings with the steering committee will be held, at the outset of the study and when the draft conclusions are available.

Public Workshop: One (1) public workshop will be held to inform the general public about the study and to solicit their input and will be publicized to encourage current and potential riders to attend. Stakeholder meetings are critical to a good transit plan. Interviews with major stakeholders, such as staff, concerned citizens and businesses, as well as elected officials will be conducted. During these meetings, it will be important to document the needs of the groups that the stakeholders represent, the vision of what they would like services to look like in the future (types of services and service area), and any upcoming developments within their organization or the group that they represent that would generate changes in the need for transportation. Minutes/summaries of all meetings and interviews will be provided.

City Council Presentation: One presentation will be made to the City Council to review in detail and answer questions about the project.

Task 4 – Final Report:

Time Frame: Day 120
Cost: $1,500
Corradino will provide a final report to the City which will combine information from previous tasks and provide an overall plan which presents the service evaluation of the existing route, as well as alternative routes and their interface with other surrounding operators and trip generators. Corradino will provide an executive summary detailing fleet requirements, and proposed capital and operating costs. A conceptual design for the recommended route, map, and schedule improvements will be prepared along with promotional materials for route enhancements. All study products will be provided in electronic format.

The final report shall also include the following information:

- Service Concepts
- Survey Results
- Fleet requirements/equipment
- Operating Costs

This work can be provided at a lump sum cost of $41,000.

Sincerely,

Joseph M. Corradino, AICP
President

Accepted:
Dania Beach

4055 NW 97TH AVENUE · SUITE 200 · MIAMI, FL 33178
TEL 305.594.0735 · 800.887.5551
FAX 305.594.0755
WWW.CORRADINO.COM

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
TO APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE ONE (1) FORD F-350 UTILITY BODY TRUCK WITH A CRANE INCLUDED FOR THE PUBLIC SERVICES DEPARTMENT IN AN AMOUNT NOT TO EXCEED SIXTY FOUR THOUSAND NINE HUNDRED SEVENTY NINE DOLLARS ($64,979.00) FROM PALMETTO FORD TRUCK SALES, INC. WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS ASSOCIATION ("FSA") CONTRACT 19-VEH17.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo-Palmetto Ford F-350 Purchase , R-2020- Palmetto Ford Truck Sales Authorization to Purchase 1 Ford F-350 Utility Body Truck for Public Services, R-2020-Palmetto Ford F350(FSA Contract 19-VEL27.0) Quote

CITY OF DANIA BEACH
PUBLIC SERVICES DEPARTMENT

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

VIA: Ana M. Garcia, ICMA-CM, City Manager

FROM: Fernando J. Rodriguez, Public Services Director

RE: **Authorization to Purchase a F-350 from Palmetto Ford Truck Sales, Inc. using FSA Contract 19-VEH17.0.**

Request

The Public Services Department is requesting the purchase of a Ford F-350 truck from Palmetto Ford Truck Sales, Inc. utilizing FSA Contract 19-VEH17.0.

Background

This truck will be configured with a crane and extended storage body. These features will allow the utilities crew to replace hydrants and other large components independently and have a large volume of storage for repair parts reducing response time in emergency water outages. This truck will replace a unit from our inventory that has already been auctioned for surplus.

Budgetary Impact

The total cost of the purchase is $64,979 and will be funded by approved 2020 budget appropriations, as summarized below:

Replacement Vehicle Type	Funding source	Procurement cost
Ford F-350 utility body with crane	401-33-02-533-64-20	$64,979

Recommendation

Staff recommends that the City Commission approves the resolution for the purchase of this vehicle from Palmetto Ford Truck Sales, Inc. by utilizing the pricing under the FSA Contract 19-VEH17.0 the terms and conditions therein and authorize the City Manager to execute same.

RESOLUTION NO. 2020-004

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE ONE (1) FORD F-350 UTILITY BODY TRUCK WITH A CRANE INCLUDED FOR THE PUBLIC SERVICES DEPARTMENT IN AN AMOUNT NOT TO EXCEED SIXTY FOUR THOUSAND NINE HUNDRED SEVENTY NINE DOLLARS ($64,979.00) FROM PALMETTO FORD TRUCK SALES, INC., WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS ASSOCIATION ("FSA") CONTRACT 19-VEH17.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Charter of the City of Dania Beach, Part III, Article 3, Section 4, Subsection (j), authorizes the City Manager to purchase supplies, services, equipment and materials for the City government in amounts in excess of the established monetary threshold without competitive bidding and without advertisement for bids if she is authorized to do so in advance by a resolution adopted by the City Commission and if such purchases are made pursuant to a competitive bid obtained within the last eighteen (18) months by other government agencies such as the federal government, state of Florida or a Florida municipality or county; and

WHEREAS, the Dania Beach Code of Ordinances, Chapter 2, Article 1, Section 2-10, "Monetary thresholds for certain purchases and payment disbursement authorizations", Subsection (a), sets the monetary threshold or limitation at $25,000.00; and

WHEREAS, a Ford F-350 Utility body tuck with a crane is required for the safe and efficient undertaking of utility field operations and repairs citywide; and

WHEREAS, the Director of the Public Services Department has determined that the vehicle that is being requested by the City can be purchased at the least cost to the City from Palmetto Ford Truck Sales, Inc. by utilizing the pricing under the Florida Sheriffs' Association (FSA) Contract 19-VEH17.0, attached as Exhibit "A," a copy of which is made a part of and is incorporated into this Resolution by this reference;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the foregoing "Whereas" clauses are ratified and confirmed as being true and correct and they are made a specific part of and incorporated into this Resolution by this reference.

Section 2. That the Public Services Department is authorized to purchase one (1) Ford F-350 full size truck utilizing the pricing under the Florida Sheriffs' Association (FSA) Contract 19-VEH17.0, valid October 1, 2019 through September 3, 2020.

Section 3. That funding for this purchase is available and appropriated in the FY 2019-2020 budget from the following sources:

Replacement Vehicle Type	Funding source	Procurement cost
Ford F-350 utility body with crane	401-33-02-533-64-20	$64,979.00

Section 4. That the Public Services is authorized to purchase the vehicles from Palmetto Ford Truck Sales, Inc. as stipulated above, and the City Commission authorizes the proper City officials to execute such documents that are necessary for the purchase of such vehicles.

Section 5. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 6. That this Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC
CITY CLERK

LORI LEWELLEN
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

Bid Award

Term: October 1, 2019 - September 3, 2020

Contract: FSA19-VEH17.0 , Heavy Trucks and Equipment

Group: CAB AND CHASSIS TRUCKS: 1 Ton Cab & Chassis (DRW) 4X2

Item: 7, Ford, F-350 Regular Cab, F3G

Description: Standard Manufacturer Equipment and Specifications, plus the following if not already included in manufacturer standard equipment and base specifications: ENGINE: Manufacturer`s standard gas engine, alternator, battery and cooling package. TRANSMISSION/AXLES: Manufacturer`s standard automatic transmission; Manufacturer`s standard drive axle ratio for engine and transmission combination. PERFORMANCE ITEMS: Manufacturer`s standard power steering; Manufacturer`s standard gauges. COMFORT ITEMS: Air conditioning; 2 – keys and/or fobs; Manufacturer`s standard AM/FM stereo; Heavy duty rubber floor covering instead of carpet; Manufacturer`s standard production seats. Purchaser will select color at time of order. SAFETY ITEMS: Dual mount outside mirrors to provide field of vision for vehicles to 96" wide; Interior dome lights with left and right door activated switches; Manufacturer`s standard air bags. BRAKES: Four-wheel anti-lock brake ABS system. TIRES AND WHEELS: Manufacturer`s standard tires and wheels. CHASSIS, FRAME, CAB: Manufacturer`s standard bumper; Manufacturer`s standard fuel tank; Manufacturer`s standard colors, factory painted. Colors to be determined by individual purchasing agencies.

Zone	Rank	Vendor	Price
Western	Primary Alternate	Palmetto Ford Truck Sales, Inc. Duval Ford LLC	$22,484.00 $23,294.00
Northern	Primary Alternate	Palmetto Ford Truck Sales, Inc. Duval Ford LLC	$22,285.00 $23,294.00
Central	Primary Alternate	Palmetto Ford Truck Sales, Inc. Duval Ford LLC	$22,085.00 $23,294.00
Southern	Primary Alternate	Palmetto Ford Truck Sales, Inc. Duval Ford LLC	$22,085.00 $23,294.00

Options appear in alphabetical order by awarded vendor.

Options: Duval Ford LLC

Order Code	Description	Price
101	CREDIT: Pursuant to FSA BoilerPlate sections 2.12, 2.13 regarding factory free-flow options, this vehicle specification includes a line-item MSRP option-discount in the amount listed here for any OEM configurable option available for the corresponding base-vehicle awarded. Client may visit fordvehicles.com to configure desired vehicle and dealer will produce corresponding FSA contract quote displaying line item discounts, supported by OEM price tables. This discount will be reflected in the aggregate net total for each optional item requested. Manufacturer's order-guide and price lists uploaded to the vendorlink bid site, published at fleet.ford.com , or available from Duval Ford.	$1.00
SCB	MODEL UPGRADE TO SUPERCAB 60" CA (X3G, X3E)	$4,000.00
CCB	MODEL UPGRADE TO CREW CAB 60" CA (W3G, W3E)	$5,000.00
SRW	CREDIT: SINGLE REAR WHEEL MODEL WITH 60" CAB TO AXLE (F3E, X3E, W3E)	$300.00
996	Engine: 6.2L 2-Valve SOHC EFI NA V8 (Flex-Fuel) (STD)	$0.00
99N	Engine: 7.3L 2V DEVCT NA PFI V8 Gas	$1,704.00
99T	Engine: 6.7L 4V OHV Power Stroke V8 Turbo Diesel B20 -inc: Diesel Exhaust Fluid (DEF) tank, intelligent oil-life monitor and manual push-button engine-exhaust braking, 240 Amp Alternators, Dual 78-AH 750 CCA Batteries	$10,494.00
44G	Transmission: TorqShift 10-Speed Automatic -inc: selectable drive modes: normal, tow/haul, eco and deep sand/snow (STD)	$0.00
640A	Order Code 640A	$0.00
X37	3.73 Axle Ratio (STD)	$0.00
X4L	Limited Slip w/4.30 Axle Ratio	$349.00
X4N	Limited Slip w/4.10 Axle Ratio	$359.00
X4W	Limited Slip w/4.10 Axle Ratio (Wide Track)	$0.00
X4X	Limited Slip w/4.30 Axle Ratio (Wide Track)	$0.00
CA1	(L404 84) Cab to Axle at 84", Increases wheelbase and lengthens frame for appropriate body installation, Reg Cab DRW only.	$1,415.00
X3E SRW	Electronic-Locking w/3.73 Axle Ratio	$389.00
X4M SRW	Electronic-Locking w/4.30 Axle Ratio	$389.00
TBM SRW	Tires: LT245/75Rx17E BSW A/T	$164.00
TCD SRW	Tires: LT265/70Rx17E OWL A/T	$454.00
TCH SRW	Tires: LT275/65Rx18E BSW A/S (STD)	$0.00
TD8 SRW	Tires: LT245/75Rx17E BSW PLUS A/S	$169.00
TDX SRW	Tires: LT275/70Rx18E BSW AT	$264.00
64J	Wheels: 17" Forged Polished Aluminum -inc: bright hub covers/center ornaments (4 aluminum outer and 2 steel inner)	$599.00
64K	Wheels: 17" Argent Painted Steel -inc: Hub covers/center ornaments not included (STD)	$0.00

Order Code	Description	Price
TBM	Tires: LT245/75Rx17E BSW A/T	$164.00
TD8	Tires: LT245/75Rx17E BSW PLUS A/S (STD)	$0.00
AT	Yellow	$659.00
BY	School Bus Yellow	$659.00
D1	Stone Gray Metallic	$0.00
E4	Vermillion Red	$659.00
GR	Green	$659.00
J7	Magnetic Metallic	$0.00
JS	Iconic Silver Metallic	$0.00
MB	Orange	$659.00
N1	Blue Jeans Metallic	$0.00
PQ	Race Red	$0.00
UM	Agate Black Metallic	$0.00
W6	Green Gem	$659.00
Z1	Oxford White	$0.00
1S	Medium Earth Gray, Cloth 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar	$99.00
4S	Medium Earth Gray, Cloth 40/Mini-Console/40 Front Seat -inc: driver's side manual lumbar	$514.00
AS	Medium Earth Gray, HD Vinyl 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar	$0.00
LS	Medium Earth Gray, Vinyl 40/Mini-Console/40 Front Seat -inc: driver's side manual lumbar	$354.00
1S CCB	Medium Earth Gray, Cloth 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar for crew cab (CCB) option	$314.00
4S CCB	Medium Earth Gray, Cloth 40/Mini-Console/40 Front Seat -inc: driver's side manual lumbar for crew cab (CCB) option	$614.00
AS CCB	Medium Earth Gray, HD Vinyl 40/20/40 Split Bench Seat -inc: center armrest, cupholder, storage and driver's side manual lumbar for crew cab (CCB) option	$0.00
LS CCB	Medium Earth Gray, Vinyl 40/Mini-Console/40 Front Seat -inc: driver's side manual lumbar for crew cab (CCB) option	$354.00
17F	XL Decor Group -inc: Chrome Front Bumper	$219.00
47A	Ambulance Prep Package -inc: 7,000 lbs, max front springs/GAWR rating for configuration selected, Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer, Ford vehicles are suitable for producing ambulances only if equipped w/the Ford Ambulance Prep Package, In addition, Ford urges ambulance manufacturers to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builders Layout Book (and pertinent supplements), Using a Ford vehicle without the Ford Ambulance Prep Package to produce an ambulance voids the Ford warranty, NOTE: Stationary Elevated Idle Control (SEIC) has been integrated into the engine control module, 397 Amp Alternators, Operator Commanded Regeneration (OCR) req. 67b 98r 99t	$1,204.00
47J	Fire/Rescue Prep Pkg w/EPA Special Emissions -inc: 7,000 lbs, max front springs/GAWR rating for configuration selected, Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer, Ford urges Fire/Rescue Vehicle manufacturers to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builders Layout Book (and pertinent supplements), NOTE 1: Stationary Elevated Idle Control (SEIC) has been integrated into the engine control module, NOTE 2: Engine calibration significantly reduces the possibility of depower mode when in stationary PTO operation, NOTE 3: Operator commanded regen allowed down to 30% of DPF filter full, instead of 100%, NOTE 4: Must meet the definition of an Emergency Vehicle, an Ambulance or Fire Truck per 40 CFR 86.1803.01 in the Federal Register, NOTE 5: California Code of Regulations allows for the sale of Federally certified emergency vehicles in California, 397 Amp Alternators, Operator Commanded Regeneration (OCR) Req. 99t 98r 67b	$1,204.00
47L	Ambulance Prep Pkg w/Special Emissions -inc: EPA Special Emergency Vehicle Emissions and 7000 lbs, max front springs/GAWR rating for configuration selected, Incomplete vehicle package - requires further manufacture and certification by a final stage manufacturer, Ford vehicles are suitable for producing ambulances w/special emissions only if equipped w/the Ford Ambulance Prep Package w/EPA Special Emergency Vehicle Emissions, In addition, Ford urges ambulance manufacturers to follow the recommendations of the Ford Incomplete Vehicle Manual and the Ford Truck Body Builders Layout Book (and pertinent supplements), Using a Ford vehicle without the Ford Ambulance Package w/EPA Special Emergency Vehicle Emissions to produce an ambulance w/special emissions voids the Ford warranty, NOTE 1: Stationary Elevated Idle Control (SEIC) has been integrated into the engine control module, NOTE 2: Engine calibration significantly reduces the possibility of depower mode when in stationary PTO operation, NOTE 3: Operator commanded regen allowed down to 30% of DPF filter full, instead of 100%, NOTE 4: Must meet the definition of an Emergency Vehicle, an Ambulance or Fire Truck per 40 CFR 86.1803.01 in the Federal Register, NOTE 5: California Code of Regulations allows for the sale of federally certified emergency vehicles in California, 397 Amp Alternators, Limited Slip w/4.10 Axle Ratio (Wide Track) (Fleet), Operator Commanded Regeneration (OCR) Req. 99t x4w 67b 98r	$1,204.00
90L	Power Equipment Group -inc: Deletes passenger side lock cylinder, upgraded door-trim panel, Accessory Delay, Advanced Security Pack, SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors, MyKey, owner controls feature, Power Locks, Remote Keyless Entry, Trailer Tow Mirrors w/Power Heated Glass, manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals, Power Front Side Windows, 1-touch up/down driver/passenger window	$914.00
90L CCB	Power Equipment Group for crew cab (CCB) option -inc: Deletes passenger side lock cylinder, upgraded door-trim panel, Accessory Delay, Advanced Security Pack, SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors, MyKey, owner controls feature, Power Locks, Remote Keyless Entry, Trailer Tow Mirrors w/Power Heated Glass, manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals, Power Front Side Windows, 1-touch up/down driver/passenger window	$1,124.00
90L SCB	Power Equipment Group -inc: Deletes passenger side lock cylinder, upgraded door-trim panel, Accessory Delay, Advanced Security Pack, SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors, MyKey, owner controls feature, Power Locks, Remote Keyless Entry, Trailer Tow Mirrors w/Power Heated Glass, manual telescoping, heated convex spotter mirror and integrated clearance lamps/turn signals, Power Front Side Windows, 1-touch up/down driver/passenger window	$914.00
96V	XL Value Package -inc: Steering Wheel-Mounted Cruise Control, Chrome Front Bumper	$724.00
41H	Engine Block Heater	$99.00
52B	Trailer Brake Controller -inc: smart trailer tow connector, Verified to be compatible w/electronic actuated drum brakes only	$269.00

Order Code	Description	Price
531	Trailer Tow Wire-inc: aftermarket trailer brake wiring kit, Trailer brake controller not included	$44.00
534	Heavy Duty Trailer Tow Group: Includes Trailer Brake wiring, HD Class V Hitch, Solid Draw Bar, 2 5/16" Ball with pin and clip, reinforcements for ICC underide protection (complies with FMVSS) , bracket and half inch plate where necessary, welded. Recommend Trailer brake controller (not included), Increases GCW with alxe upgrade.	$1,645.00
62R	Transmission Power Take-Off Provision -inc: mobile and stationary PTO modes, included with Diesel	$279.00
65C	Dual Diesel Fuel Tanks -inc: Combines 40 gallon aft-of-axle and 26.5 gallon mid ship tank	$624.00
65M	26.5 Gallon Mid Ship Fuel Tank	$124.00
67A	332 Amp Alternators Req 99t	$0.00
67B	397 Amp Alternators na with base engine	$114.00
67E	240 Amp Alternator	$84.00
67H	Heavy-Service Front Suspension Package -inc: pre-selected heavy-service front springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations), Recommended only on vehicles which will permanently utilize aftermarket equipment such as heavy-duty winches, brush guards or other apparatus which loads the front axle to the specified Gross Axle Weight Rating (GAWR), NOTE 1: May result in a deterioration of ride quality, NOTE 2: Vehicle ride height will increase w/the addition of this package	$124.00
67X	Extra Heavy-Service Suspension Package -inc: pre-selected extra heavy-service front springs (see Order Guide Supplemental Reference for springs/FGAWR of specific vehicle configurations), Recommended only on vehicles which will permanently utilize aftermarket equipment such as heavy-duty winches, brush guards or other apparatus which loads the front axle to the specified Gross Axle Weight Rating (GAWR), NOTE 1: May result in a deterioration of ride quality, NOTE 2: Vehicle ride height will increase w/the addition of this package	$124.00
86A	Programmable Engine Idle Shutdown - 5 Minute -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	$249.00
86B	Programmable Engine Idle Shutdown - 10 Minute -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	$249.00
86C	Programmable Engine Idle Shutdown - 15 Minute -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	$249.00
86D	Programmable Engine Idle Shutdown - 20 Minute -inc: After a predetermined period, the engine PCM automatically shuts down the engine and triggers the accessory module to shutdown power to the accessories to minimize battery drain	$249.00
86M	Dual 78 AH Battery. with 43c and 99n nc	$209.00
98R	Operator Commanded Regeneration (OCR) Rq 99t	$249.00
18B	Platform Running Boards	$319.00
18B SCB	Platform Running Boards with Supercab	$444.00
18B CCB	Platform Running Boards with CrewCab	$444.00
435 SCB	Power-Sliding Rear-Window w/Defrost -inc: driver/passenger sun visors w/illuminated vanity covered mirrors with Supercab	$404.00
435 CCB	Power-Sliding Rear-Window w/Defrost -inc: driver/passenger sun visors w/illuminated vanity covered mirrors with CrewCab	$404.00
43B	Fixed Rear-Window w/Backglass Defrost	$59.00
512	Spare Tire, Wheel & Jack -inc: Excludes carrier, 4-Ton Hydraulic Jack	$349.00
595	Fog Lamps	$129.00
59H	Center High-Mounted Stop Lamp (CHMSL)	$0.00
61J	4-Ton Hydraulic Jack	$54.00
61L	Front Wheel Well Liners (Pre-Installed) -inc: Custom accessory	$179.00
61S	Front Splash Guards/Mud Flaps (Pre-Installed) -inc: Custom accessory	$74.00
63A	Utility Lighting System -inc: LED side-mirror spotlights	$159.00
63G	Bright Grille	$0.00
87H	Black Molded Hood Deflector (Pre-Installed) -inc: Custom accessory	$129.00
91G	Amber-White LED Warning Strobes (Pre-Installed) -inc: Custom accessory, 4-corner strobe LT, center high-mounted stop light bar and 2 hood mounted lights	$724.00
91S	Amber LED Warning Strobes (Pre-Installed) -inc: Custom accessory, center high-mounted stop light bar and 2 hood mounted lights	$674.00
924	Privacy Glass	$29.00
942	Daytime Running Lamps (DRL) -inc: The non-controllable 942 Daytime Running Lamps (DRL) replace the standard Daytime Running Lamps (DRL) on/off cluster controllable	$44.00
945	Stainless Steel Wheel Covers (Pre-Installed) -inc: Custom accessory, Front and rear	$379.00
98F	CNG/Propane Gaseous Engine Prep Package -inc: hardened engine intake valves, valve seats and bi-fuel manifold, This package does not include CNG/Propane fuel tanks, lines, etc, Vehicle will be equipped w/the standard factory gasoline fuel system, Additional equipment combined w/Certified calibration reflash is required, from an external upfitter, to convert the vehicle to a CNG/Propane fueled vehicle, See Alternative Fuel Buyers Guide: www.ford.com/altfuelbuyersguide Ford Motor Company does not provide an exhaust or evaporative emissions certificate w/this option when converted to use CNG or Propane fuel, Ford does not represent that a vehicle converted to use CNG or Propane will comply w/all applicable U.S, or Canadian safety standards, It is the responsibility of the final stage manufacturer (body-builder, installer, alterer or subsequent stage manufacturer) to determine that any vehicle converted to use CNG or Propane complies w/U.S, Federal, California or Canadian exhaust and evaporative emission requirements, Federal fuel economy standards, U.S, and Canadian safety standards, labeling and any other requirements	$314.00

Order Code	Description	Price
Bifuel	23.5 gge 6.2L Bi fuel Conversion , requires 98f	$14,116.00
Cng	23.5 gge 6.2L CNG dedicated Conversion , requires 98f	$14,116.00
39S	SiriusXM Radio -inc: 1 I/P mounted center speaker and a 6-month prepaid subscription, Service is not available in Alaska and Hawaii, Subscriptions to all SiriusXM services are sold by SiriusXM after trial period, If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates, Fees and taxes apply, To cancel you must call SiriusXM at 1-866-635-2349, See SiriusXM customer agreement for complete terms at www.siriusxm.com, All fees and programming subject to change, Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc	$184.00
18A	Upfitter Interface Module	$294.00
41A	Rapid-Heat Supplemental Cab Heater -inc: 397 Amp Alternators	$249.00
43C	110V/400W Outlet -inc: 1 in-dash mounted outlet	$174.00
525	Steering Wheel-Mounted Cruise Control	$234.00
60C	Audible Lane Departure Warning	$114.00
76C	Exterior Backup Alarm (Pre-Installed) -inc: Custom accessory	$139.00
76S	Remote Start System	$249.00
872	Rear View Camera & Prep Kit -inc: loose camera and wiring bundle	$414.00
926	Speed Limitation - 65-MPH Governed Top Speed	$79.00
927	Speed Limitation - 75-MPH Governed Top Speed	$79.00
94P	Pre-Collision Assist w/Automatic Emergency Braking -inc: forward collision warning	$114.00
9SB	SERVICE BODY: 9' Knapheide Service Body, Model 6108 SRW 60" CA. Requires Option 31*	$8,825.00
9SB	SERVICE BODY: 9' Knapheide Service Body, Model 6108F SRW Flip Top 60" CA. Requires Option 31*	$9,550.00
9SB	SERVICE BODY: 9' Knapheide Service Body, Model 6108D54 DRW 60" CA. Requires Option 31*	$9,200.00
9SB	SERVICE BODY: 9' Knapheide Service Body, Model 6108D54F DRW Flip Top 60" CA- 36" in Height. Requires Option 31*	$9,800.00
9SB	SERVICE BODY: 9' Knapheide Service Body, Model 6108D54FJ40 DRW Flip Top 60" CA- 41" in Height. Requires Option 31*	$10,100.00
9SB	SERVICE BODY: 9' Stahl Service Body, DRW. Requires Option 31*	$9,574.00
9SB	SERVICE BODY: 9' CM Service body, DRW. Requires Option 31*	$10,552.00
9SB	SERVICE BODY: 9' Reading Service Body, Classic 11 SRW. Requires Option 31*	$9,270.00
9SB	SERVICE BODY: 9' Reading Service Body, Classic 11 with Flip Top Lids SRW. Requires Option 31*	$10,355.00
9SB	SERVICE BODY: 9' Reading Service Body, Classic 11 DRW. Requires Option 31*	$9,485.00
9SB	SERVICE BODY: 9' Reading Service Body, Classic 11 with Flip Top Lids DRW. Requires Option 31*	$10,610.00
11SB	SERVICE BODY: 11' Knapheide Service Body, Model 6132D54 DRW 84" CA. Requires Option 31*	$10,425.00
11SB	SERVICE BODY: 11' Knapheide Service Body, Model 6132D54F DRW Flip Top 84" CA . Requires Option 31*	$11,600.00
11SB	SERVICE BODY: 11' Stahl Service Body, DRW. Requires Option 31*	$10,805.00
11SB	SERVICE BODY: 11' CM Service Body, DRW. Requires Option 31*	$11,904.00
11SB	SERVICE BODY: 11' Reading Service Body, Classic 11 DRW. Requires Option 31*	$10,895.00
11SB	SERVICE BODY: 11' Reading Service Body, Classic 11 with Flip Top Lids DRW. Requires Option 31*	$13,025.00
9D	DUMP: 9' Rugby Eliminator LP 2-3 Yd. Dump with Manual Ground Control Tarp. Requires Option 31*	$11,540.00
9D	DUMP: 9' Godwin 2-3 Yd. Dump with Manual Ground Control Tarp, Includes 13" Sides. For 18" sides Add $210. Requires Option 31*	$12,450.00
DUMP BODY OPTION	DUMP BODY OPTION: Aluminum Tunnel Body Box, Sits Between Cab and Dump for Additional Enclosed Storage * Requires a Longer CA	$4,500.00
DUMP BODY OPTION	DUMP BODY OPTION: Steel Tunnel Body Box, Sits Between Cab and Dump for Additional Enclosed Storage * Requires a Longer CA	$3,800.00
9D	DUMP: 9' Reading 2-4 Yd. Dump with Manual Ground Control Tarp. Requires Option 31*	$11,110.00
11D	DUMP: 11' Rugby Eliminator LP 2-3 Yd. Dump with Manual Ground Control Tarp. Requires Option 31*	$11,675.00
11D	DUMP: 11' Godwin 2-3 Yd. Dump with Manual Ground Control Tarp, IncludeS 13" Sides. For 18" sides Add $210. Requires Option 31*	$12,688.00
11D	DUMP: 11' Reading 3-4 Yd. Dump with Manual Ground Control Tarp. Requires Option 31*	$11,570.00
DumpOpt	DUMP BODY OPTION: Fold Down Sides for Dump Body	$1,250.00
FB Opt	FLAT BED OPTION: Upgrade to Electric Hoist on Stake Body or Flat Bed for 9'- 12' (615)	$3,200.00
FB Opt	FLATBED OPTION: Ugrade to Electric Hoist on Stake Body or Flat Bed for 14'-16' (620)	$3,700.00
FB Opt	FLATBED OPTION: Upgrade to Electric Hoist on Stake Body or Flat Bed For HD 16' Bodies (628)	$4,200.00

Order Code	Description	Price
DumpOpt	DUMP BODY OPTION: Electric Tarp	$1,195.00
DumpOpt	DUMP BODY OPTION: Stirrup Step	$265.00
9CD	CONTRACTOR'S BODY: 9' Knapheide Contractor Body with 14" Sides, Electric Hoist, Ground Control Manual Tarp with Arms (Requires 60 CA) Requires Option 31*	$12,033.00
12CD	CONTRACTOR'S BODY: 12' Knapheide Contractor Body with 14" Sides, Electric Hoist, Ground Control Manual Tarp with Arms (Requires 84" CA) Requires Option 31*	$12,320.00
9CD	CONTRACTOR'S BODY: 9' Blueridge Contractor Body with 40" Sides, Electric Hoist, Ground Control Manual Tarp with Arms (Requires 60 CA) Requires Option 31*	$12,756.00
12CD	CONTRACTOR'S BODY: 12' Blueridge Contractor Body with 40" Sides, Electric Hoist, Ground Control Manual Tarp with Arms (Requires 84" CA) Requires Option 31*	$13,006.00
9FB	FLATBED: 9' Knapheide Flat Bed, Model PVMXS with Bulkhead. Requires 31* Add $1844 for 40" Stake Sides	$6,489.00
12FB	FLATBED: 12' Knapheide Flat Bed, Model PVMXS with Bulkhead. Requires 31* Add $2048 for 40" Stake Sides	$6,709.00
9FB	FLATBED: 9' Reading Flatbed with 40" Sides and Bulkhead. Requires 31*	$8,010.00
10FB	FLATBED: 10' Reading Flatbed with 40" Sides and Bulkhead. Requires 31*	$8,225.00
12FB	FLATBED: 12' Reading Flatbed with 40" Sides and Bulkhead. Requires 31*	$8,510.00
ESB9.00	ENCLOSED BODY: 9' Knapheide Enclosed Service Body, Model KC108M2094 With 61" Interior Height. Requires Option 31*	$14,056.00
ESB9.00	ENCLOSED BODY: 9' Knapheide Enclosed Service Body, Model KC108H2094 With 73" Interior Height. Requires Option 31*	$14,279.00
ESB11.00	ENCLOSED BODY: 11' Knapheide Enclosed Service Body, Model KC132L2094 With 51" Interior Height. Requires Option 31*	$14,794.00
ESB11.00	ENCLOSED BODY: 11' Knapheide Enclosed Service Body, Model KC132M2094 With 61" Interior Height. Requires Option 31*	$15,025.00
ESB11.00	ENCLOSED BODY: 11' Knapheide Enclosed Service Body, Model KC132H2094 With 73" Interior Height. Requires Option 31*	$15,320.00
9FB HD	REINFORCED FLATBED HD: 9' Steel Flatbed with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$11,200.00
12FB HD	REINFORCED FLATBED HD: 12' Steel Flatbed with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$11,400.00
CB9	REINFORCED CRANE BODY: 9' Knapheide Crane Body, Model 6108D54R with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$12,400.00
CB11	REINFORCED CRANE BODY: 11' Knapheide Crane Body, Model 6132D54R with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$13,750.00
CB9	CRANE BODY: 9' Titan Crane Body with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$17,900.00
CB11	CRANE BODY: 11' Titan Crane Body with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 3-4K Crane Capacity)	$19,700.00
CB9	CRANE BODY: 9' Reading CM6 Crane Body, Model CM6-108. Requires 31*	$17,720.00
CB11	CRANE BODY: 11' Reading CM6 Crane Body, Model CM6-132. Requires 31*	$19,915.00
CB9	CRANE OPTION: 9' Crane Reinforment for Vendor Specific Utility Body Order (Cranes 3-4K, Add $550 for 11')	$2,730.00
RI11	CRANE OPTION: 11' Crane Reinforment for Vendor Specific Utility Body Order (Cranes 5-6K)	$4,825.00
TB SIDE 48	HD ALUM SIDE MOUNTED TOOLBOX 48” LONG, PRICE PER SIDE	$395.00
TB SIDE 72	HD ALUM SIDE MOUNTED TOOLBOX 72” LONG, PRICE PER SIDE	$564.00
TB TFUEL	Tool and fuel: UTS TT101 100 Gal capacity with meter, electric pump and 30' hose . Diesel Fuel only.	$2,480.00
SPRAY SB	SPRAY LINER FOR SERVICE BODY. INCLUDES INTERIOR, SIDE WALLS AND BOX TOPS. HD THICKNESS, INCLUDES TAILGATE.	$935.00
SPRAY DD	SPARY LINE TWO SERVICE BODY DROP DOOR SURFACES	$175.00
SPRAY BPR	SPRAY SERVICE BODY REAR BUMPER FOR UP TO 12” SHELF BUMPERS	$165.00
SPRAY ESV	SPRAY LINER FOR ENCLOSED SERVICE BODY. INCLUDES FLOOR AND 16” UP SIDE WALLS.	$1,525.00
ML 11	KNAPHEIDE MASTERLOCKS 11FT	$765.00
CLITE	KNAPHEIDE COMPARTMENT LIGHTS	$595.00
CLITE 11	KNAPHEIDE COMPARTMENT LIGHTS 11FT	$680.00
LEDT	KNAPHEIDE LED TAILLIGHTS	$510.00
EL	KNAPHEIDE ELECTRIC LOCKS	$950.00
EL 11	KNAPHEIDE ELECTRIC LOCKS 11 FT BODIES	$1,125.00
THDL	KNAPHEIDE SINGLE POINT T HANDLES	$425.00
THDL 11	KNAPHEIDE SINGLE POINT T HANDLES 11 FT BODIES	$600.00
3PT	KNAPHEIDE 3 POINT T HANDLES	$600.00
3PT 11	KNAPHEIDE 3 POINT T HANDLES 11 FT BODIES	$765.00
DRING	D RINGS IN CARGO AREA	$449.00
PAINT	PAINT COMPARTMENT INTERIOR	$1,109.00

Order Code	Description	Price
6D TBOX	6 DRAWER MECHANICS TOOLBOX	$2,095.00
CHOLD	CONE HOLDER	$196.00
HD CHOLD	HEAVY DUTY FOLD DOWN CONE HOLDER	$382.00
TPLATE TOP	TREADPLATE OVERLAY COMPARTMENT TOPS	$975.00
TPLATE C	TREADPLATE OVERLAY CARGO AREA	$975.00
GRAB HNDL	GRABHANDLES (2)	$226.00
STEP	CABLE STEP	$349.00
COOLER MNT	IGLOO COOLER MOUNT	$225.00
COOLER	IGLOO COOLER	$110.00
VISE	6" WILTON VISE	$425.00
VBKT	VISE BRACKET	$199.00
GARD	MUD & STONE GUARD	$225.00
ETRACK	E TRACK IN CARGO AREA	$345.00
TOOL	3 TOOL SHOVEL RACK	$325.00
BUMPER 16	KNAPHEIDE TAILSHELF BUMPER 16"	$1,200.00
BUMPER 21	KNAPHEIDE 21" WORKBENCH STORAGE BUMPER	$1,800.00
HICOMP	KNAPHEIDE RAISED BOTTLE GAS COMPARTMENT	$1,496.00
SPO BASE	KNAPHEIDE BASE COAT/CLEAR COAT COLORS	$1,530.00
SPO OEM	KNAPHEIDE FACTORY PAINT	$1,105.00
SKID	LUBE SKID; 2 NEW OILS & 1 WASTE	$12,996.00
VANAIR CG	VANAIR PRO COMPRESSOR/GENERATOR, 20 CFM, 5000 WATT	$5,800.00
COMP 20	20 CFM GAS AIR COMPRESSOR AND REEL	$4,650.00
VMAC G	VMAC VR70 GAS	$11,500.00
VMAC D	VMAC VR70 DIESEL APPLICATION	$14,900.00
WELDER	MILLER BOBCAT 250 WELDER	$7,136.00
SAFET	Safety Kit Incl; First Aid Kit, Triangle Kit & Fire Extinguisher	$276.00
RCAM	REARVIEW 5.6” DISPLAY CAMERA SYSTEM	$695.00
STORAGE	TWO SLIDE OUT TRAYS IN REAR COMPARTMENT FOR STORAGE. REQ. DOGBOX	$610.00
HSPOT	HALOGEN PILLAR MOUNTED SPOT LIGHT	$595.00
LEDSPOT	LED SPOT LIGHT PILLAR MOUNTED	$695.00
GOLITE	LED Permanent Mount Go-Light brand spot light	$695.00
TH500	500 Watt Inverter	$396.00
TH750	750 Watt Inverter	$596.00
TH1000	1000 Watt Inverter	$642.00
TH2000	2000 Watt Inverter	$796.00
TH3000	3000 Watt Inverter	$966.00
TH001	Remote Control for TH1000-TH3000	$65.00
DSI-12/1200N	Dimensions 1200 watt Pure Sine Wave	$1,495.00
DSI-12/1500N	Dimensions 1500 watt Pure Sine Wave	$1,596.00
DSI-12/2400N	Dimensions 2400 watt Pure Sine Wave	$2,246.00
DSI-12/3000N	Dimensions 3000 watt Pure Sine Wave	$2,396.00
DSI-REMOTE	Remote control for Dimensions	$145.00
STLIGHT	Streamlight Rechargeable Stinger Flashlight	$189.00

Order Code	Description	Price
CAMLOC	RELOCATE CAMERA, INSTALL BRACKET WHERE INDICATED	$255.00
BACKZONE	REVERSE PARKING AIDE SENSORS	$445.00
TINT	DEEP WINDOW TINT FILM WITH FRONT WINDSHIELD STRIP.	$265.00
TINT 4D	TINT ALL WINDOWS. FOR CREW OR SUPERCAB CONFIGURATIONS	$385.00
NITRO	NITROGEN FILLED TIRES IN LIEU OF STD FACTORY FILL. FUEL ECONOMY SAVER DUE TO TIRE PRESSURE CONSISTENCY, ON GROUND	$245.00
WT LC	WEATHER TECH MATS , LASER CUT	$215.00
RMAT	HD RUBBER FLOOR MATS	$195.00
STEPBARS	TUBULAR STEP BARS	$395.00
VV	VENT SHADES, MUST SPECIFY STICK ON OR FLANGE TYPE IN CHANNEL	$175.00
WGG BASE	WRAP AROUND GRILL GAURD. WESTIN HDX	$1,095.00
WGG STERLING	Sterling Base heavy duty winch mount / grill guard. Upgrade to Standard model for $125, to Deluxe model for $235, or Gator model for $340. Add $125 for a heavy duty Warn winch	$1,295.00
WGG WP	WESTIN WRAP AROUND GRILL GUARD WITH WINCH PLATE	$1,395.00
WGG LC	LIGHT CHANNEL FOR GRILL GUARD, LIGHTS SOLD SEPERATELY	$79.00
WINCH 8KW	8000# WARN WINCH WITH REMOTE, REQ WGG.WP TO INCLUDE WINCH PLATE	$1,336.00
WINCH 10KW	10000# WARN WINCH WITH REMOTE, REQ. WGG.WP TO INCLUDE WINCH MOUNTING PLATE	$1,556.00
WINCH 12KW	12000# WARN WINCH WITH REMOTE, REQ. WGG.WP TO INCLUDE WINCH MOUNTING PLATE	$1,676.00
3K PATS	EXTRA PROGRAMMED KEY WITH PATS TECHNOLOGY, FLEET KEY	$225.00
3K RKE	EXTRA PROGRAMMED INTEGRATED KEY TRANSMITTER FOB	$350.00
PINTLE BC	PINTLE BALL COMBO 2 5/16” WITH ADJUSTABLE SHANK	$315.00
PINTLE FX	PINTLE BALL COMMBO 2 5/16” FIXED SHANK	$285.00
2 TONE	TWO TONE PAINT SCHEME, DOORS AND ROOF	$1,896.00
CABSHIELD	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW.	$699.00
CABSHIELD A	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW. INCLUDES SINGLE CENTER BEACON PLATE	$730.00
CABSHIELD B	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW. INCLUDES DUAL MOUNTING FEET FOR LIGHTBAR MOUNTING.	$730.00
BACKRACK	LIGHT DUTY LOUVERED HEADACHE RACK	$476.00
SLR	SINGLE SIDE LADDER RACK FOR PICK UP VERSION	$995.00
SLR SB	SINGLE SIDE LADDER RACK FOR SERVICE BODY APPLICATION	$795.00
PIPE RACK	METAL UTILITY RACK WITH MESH BASKET OVER CAB	$2,015.00
MATRACK	MATERIAL RACK OVER CAB. DOES NOT HAVE MESH BASKET	$1,885.00
31A	SHIP THROUGH ALTEC 88LAP1	$625.00
31P	SHIP THROUGH AUTOPORT	$625.00
31B	SHIP THROUGH READING	$625.00
31V	SHIP THROUGH KNAPHEIDE	$625.00
31T	SHIP THROUGH TAMPA CRANE	$625.00
31C	SHIP THROUGH CUSTOM FIBERGLASS 53Y600	$625.00
31Q	SHIP THROUGH CUES	$625.00
uCoat	Undercoating	$650.00
CRANE 3K	CRANE: 3,000 LB. Auto Crane, Model EHC3 PRX with Hardwire Control. REQ Crane Body or Reinforced Body and Outriggers	$14,600.00
CRANE 3K	CRANE: 3,000 LB. Liftmoore Crane, Model 3612REE with Hardwire Control. REQ Crane Body or Reinforced Body and Outriggers	$15,300.00
CRANE 3K	CRANE: 3,000 LB. STELLAR Model EC3200- with FM Control. REQ Crane Body or Reinforced Body and Outriggers	$14,500.00
CRANE 3K	CRANE: 3,000 LB. Venturo Crane, Model ET12KX with Hardwired Control. REQ Crane Body or Reinforced Body and Outriggers	$15,250.00
CRANE 4K	CRANE: 4,000 LB Auto Crane Model EHC4, Includes 16' Reach with Hardwire Control. REQ Crane Body or Reinforced Body and Outriggers	$19,900.00
CRANE 4K	CRANE: 4,000 LB Auto Crane Model EHC4, Includes 20' Reach with Hardwire Control. REQ Crane Body or Reinforced Body and Outriggers	$20,100.00

Order Code	Description	Price
CRANE 4K	CRANE: 4,000 LB. Stellar Crane, Model EC4000, Includes 16' Reach with FM Control. REQ Crane Body or Reinforced Body and Outriggers	$17,600.00
CRANE 4K	CRANE: 4,000 LB. Stellar Crane, Model EC4000, Includes 20' Reach with FM Control. REQ Crane Body or Reinforced Body and Outriggers	$19,850.00
CRANE 4K	CRANE: 4,000 LB. Liftmoore Crane Model 4000X, Includes 16' Reach with Hardwired Control. REQ Crane Body or Reinforced Body and Outriggers	$18,500.00
CRANE 4K	CRANE: 4,000 LB. Reading/ Palifinger Electric Crane Model RSC4016, Includes 16' Reach and Wireless Remote. REQ Crane Body or Reinforced Body and Outriggers	$22,830.00
CRANE 4K	CRANE: 4,000 LB. Liftmoore Crane Model 4000X, Includes 20' Reach with Hardwired Control. REQ Crane Body or Reinforced Body and Outriggers	$19,800.00
CRANE 4K	CRANE: 4,000 LB. Venturo Model ET16KX with Hardwired Control. REQ Crane Body or Reinforced Body and Outriggers	$17,800.00
PTOAT	BODY OPTION: PTO POWER TAKE OFF (PTO) REQ. Provision. Required for All Hydraulic Cranes/and or hydraulic equipment	$2,800.00
HOR	BODY OPTION: Hydraulic Outriggers	$3,200.00
CRANE OPTION	Wireless Pendant	$3,200.00
CRANE OPTION	Light on end of Boom	$780.00
CRANE OPTION	FM Control Auto Crane, Nexstar, Liftmoore, Venturo	$2,800.00
BODY OPTION	BODY OPTION: Raised Bottle Gas Compartments	$1,995.00
9FB HD	FLATBED HD: 9' Steel Flatbed with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 5K Crane Capacity)	$14,100.00
12FB HD	FLATBED HD: 12' Steel Flatbed with Manual Outriggers, Crane Reinforcements and Spring Build Up. Requires 31* (For 5K Crane Capacity)	$14,700.00
12DF	DRY FREIGHT: 12' Dry Freight Wide Body with Plywood Liner, Hardwood Floor, Dome Lighting, Roll Up Rear Door, ICC Undeerride * Requires 84" CA and 31* Ship Through	$12,225.00
DRY FREIGHT OPTIONS	Dry Freight Optional Equipment: Step Bumper $600, Pull Out Ramp $2500, E- Track $25 x Length of Body, Includes 1 Row each side, Forklift Reinforcement $700, 12" Scuff Liner $32 X Length of Body	$2,500.00
CRANE BODY OPT	CRANE BODY OPTION: MASTERLOCKS FOR TITAN AUTO CRANE	$1,200.00
12LSB	LANDSCAPE BODY: 12' Landscape body. Includes 36" Beavertail, Dual 5' Ramp, 14" Expanded Sides and Bulkhead Storage. Requires 84" CA. 31*	$10,100.00
LANDSCAPE OPT.	DUAL WEEDEATER RACK	$635.00
LANDSCAPE OPT.	WATER COOLER & RACK	$475.00
LANDSCAPE OPT.	BLOWER RACK	$600.00
BODY OPTION	30" UNDERBODY BOX	$630.00
BODY OPTION	36" UNDERBODY BOX	$650.00
BODY OPTION	48" UNDERBODY BOX	$675.00
BODY OPTION	60" UNDERBODY BOX	$720.00
TGA	1300# TOMMY GATE G2 60 1342 TP27 STEEL PLATFORM	$3,355.00
TGB	1300# TOMMY GATE G2 60 X 38 2 PIECE STEEL	$3,480.00
TGC	1300# TOMMY GATE G2 60 X 27 ALUMINUM	$4,030.00
TGD	1300# TOMMY GATE G2 60 X 38 ALUMINUM 2 PIECE	$4,155.00
TGE	1300# TOMMY GATE G2 60 X 48 2 PIECE ALUMINUM	$4,430.00
TGF	1500# TOMMY GATE G2 60 1642 TP27 STEEL PLATFORM	$3,455.00
TGH	1500# TOMMY GATE G2 60 X 38 2 PIECE STEEL	$4,155.00
THI	1500# TOMMY GATE G2 60 X 27 ALUMINUM	$4,205.00
THJ	1500# TOMMY GATE G2 60 X 38 ALUMINUM 2 PIECE	$4,405.00
TGK	1500# TOMMY GATE G2 60 X 48 ALUMINUM 2 PIECE	$4,605.00
TH1	THIEMAN 1500# TT15ET 56 X 26 STEEL 1 PIECE	$3,625.00
TH2	THIEMAN 1500# TT15ET 56 X 42 STEEL 2 PIECE	$3,955.00
TH3	THIEMAN 1500# TT15ET 56 X 26 ALUMINUM 1 PIECE	$3,855.00
TH4	THIEMAN 1500# TT15ET 56 X 32 ALUMINUM 2 PIECE	$4,275.00

Order Code	Description	Price
TH5	THIEMAN 1500# TT15ET 56 X 44 ALUMINUM 2 PIECE	$4,555.00
RAIL GATE	1600# RAILGATE TOMMY GATE 89-16 TP37	$4,800.00
RAIL GATE	2000# RAILGATE TOMMY GATE 89-20 TP42	$5,200.00
RAIL GATE	2500# RAILGATE TOMMY GATE 89-25 TP42	$6,600.00
RAIL GATE	2500# RAILGATE TOMMY GATE BIFOLD 89-25BF TP60	$8,750.00
RAIL GATE	3000# RAILGATE TOMMY GATE BIFOLD 89-30BF TP60	$9,000.00
RAIL GATE	4500# RAILGATE WALTCO WDC 60 X 80	$15,300.00
TUCKAWAY	1500# TUCKAWAY MAXON T15	$4,500.00
TUCKAWAY	2000# TUCKAWAY WALTCO C-20	$4,575.00
TUCKAWAY	2500# TUCKAWAY WALTCO C-25	$5,225.00
TUCKAWAY	2500# TUCKAWAY TOMMY GATE TKT8025	$6,900.00
TUCKAWAY	3000# TUCKAWAY TOMMY GATE TKT8030	$7,250.00
Gas Base 575	Base Care Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2018	$2,900.00
Gas Extra 575	ExtraCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2019	$3,145.00
Gas Premium 575	PremiumCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2020	$3,615.00
Gas Base 5.100	Base Care Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2021	$3,425.00
Gas Extra 5.100	ExtraCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2022	$2,855.00
Gas Premium 5.100	PremiumCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2023	$4,435.00
DIESEL Base 575	Base Care Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2018	$3,125.00
DIESEL Extra 575	ExtraCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2019	$3,410.00
DIESEL Premium 575	PremiumCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 3000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2020	$3,940.00
DIESEL Base 5.100	Base Care Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2021	$4,150.00
DIESEL Extra 5.100	ExtraCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2022	$4,725.00
DIESEL Premium 5.100	PremiumCare Ford Protect Extended service plan for Incomplete chassis. Five Year, 75000 Miles, 4000 Hour Zero deductible. Pricing per Ford Protect Florida Retail 8/2023	$5,520.00
OZN	Out of Zone purchase and Delivery. Does not include unique shipping circumstances when final product demands shipping outside the state of Florida. Note: Emmissions codes for specific region.	$446.00
TTO	Tag and Title processing and handling fee. Tags are processed at the local tag office and physically picked up for client and affixed to vehicle prior to deliver. Cost includes electronic administrative fee, manual processing courier, and Fedex related expense.	$48.00
TMP	30 Day Florida Temporary Tag. Requires (TTO) Tag/Title Option	$7.00
TX	Transfer Tag Charge: (Florida only) Please send scan of agency registration with tag ID clearly indicated. Requires (TTO) Tag/Title Option, includes (TMP)	$90.00
TAG	New Tag Charge (Florida only) Requires (TTO) Tag/Title option. Specify City, State, or Sheriffs Tag. Includes (TMP)	$125.00

Options: Palmetto Ford Truck Sales, Inc.

Order Code	Description	Price
166	Carpet Delete (XLT) - Credit	$10.00
435	Window, Power Sliding Rear	$400.00
512	Spare Tire, Jack and Wheel	$345.00
525	Cruise Control	$230.00
531	Trailer Towing Package (XL)	$43.00

Order Code	Description	Price
595	Halogen Fog Lamps	$128.00
872	Rear View Camera & Prep Kit (Requires 872I)	$410.00
924	Privacy Glass	$29.00
926	Customizable Speed Limit (65 mph)	$78.00
927	Customizable Speed Limit (75 mph)	$78.00
942	Daytime Running Lamps (Fleet only)	$43.00
945	Stainless Steel Wheel Cover	$375.00
1.5PSI	1,500 Watt Pure Sine Inverter with remote	$2,389.00
10SB	Knapheide, Reading 10' Flatbed, Minimum 40" Removable Stake Sides, ICC Rear Bumper	$9,985.00
11CB	11' Reading Crane Body for 3,200lb Crane with Curbside Tank Compartment, Requires 3K Crane Selection	$14,745.00
11FT2YD	Knapheide, Rugby - Deduct $1000. 11' 2/3YD Dump with 12" sides, ICC Rear Bumper, Manual Tarp and Electric Hoist. Req. 84CA	$16,857.00
11UB	11' Utility Body - Knapheide, Reading or Stahl (Req. 84CA). Add $1,100 for Flip Top, Add $ 915 for Compartment Lighting, Add $625 for Master Lock System, Add $3,900 for Crane Reinforcement for 4,000lb Crane, Add $ 4,500 for Enclosed Mid-Roof body	$13,340.00
12KW	12,000 lb. Winch with Remote	$3,290.00
12SB	Knapheide, Reading 12' Flatbed, Minimum 40" Removable Stake Sides, ICC Rear Bumper. Req. 84CA. Add $2,994 for Electric Hoist	$10,110.00
12VB	Amercian Commercial 12'x96"x90" Aluminum Van Body, Dry Freight, Roll Up Rear Door, Dome Light, LED ICC Lights, ICC Rear Bumper, Composite Kick Plate, 24" Steel Threshold Plate. Add $500 for FRP Body, Add $445 for Full Width Step Bumper, Add $232 for 1 Row of E-Track on 2 Walls, Add $4,840 for 1,600LB Tommygate Railgate Liftgate	$11,944.00
17F	XL Décor Package (ordered w/o option 96V)	$216.00
17V-RC	XLT Value Package (Regular Cab)	$1,455.00
17V-SC/CC	XLT Value Package (Super & Crew Cabs)	$1,595.00
18A	Upfitter Interface Module	$290.00
18B-RC	Cab Steps (w/ Regular Chassis Cab)	$315.00
18B-SC/CC	Cab Steps (w/ Super/Crew Chassis Cab)	$440.00
1KI	1,000 Watt Inverter with remote	$455.00
21N	Navigation System	$565.00
21X	Vehicle Safe by Console Vault	$327.00
23LB	23" Mini Light Bar	$615.00
39S	SiriusXM® Satellite Radio	$180.00
3K	Additional Key / Key Fob	$155.00
3KEHC	Venturo 3,200lb Electric / Hydraulic Crane or Stellar Electric Crane, Add $1,000 for Liftmoore Electric Crane, Add $2,900 for Autocrane Electric / Hydraulic Crane, Manual Outriggers	$14,486.00
3KI	3,000 Watt Inverter with remote	$655.00
3KPSI	3,000 Watt Pure Sine Inverter with remote	$2,899.00
41A	Rapid-Heat Supplemental Cab Heater	$248.00
41H	Heater, Engine Block	$96.00
43B	Defrost w/ Fixed & Privacy Glass	$58.00
43C	110V/400W Outlet	$170.00
52B	TowCommand Integrated Trailer Brake Controller	$265.00
54F	Mirrors, Power Telescope Power Glass T-Tow (w/XLT)	$275.00
59H	Center High Mount Stop Lamp (CHMSL)	$0.00
60C	Audible Lane Departure Warning -- Chassis Cab	$114.00
60W	Heated Wiper Park -- Chassis	$24.00
61J	Tire Jack	$53.00
61L	Front Wheel Well Liners	$173.00
61S	Splash Guards/Mud Flaps (Front only)	$73.00
62M	Adjustable Gas and Brake Pedals (Fleet XLT)	$115.00
62R	Transmission Power Take-Off Provision (Inc. w/99T) Requires PTO option	$275.00

Order Code	Description	Price
63A	Utility Lighting System	$156.00
65C	Fuel Tank, Dual Diesel (28.5 Gal.& 40 Gal.)	$620.00
65M	Fuel Tank, 28.5 Gal. Midship	$123.00
67B	Dual Extra Heavy-Duty Alternator	$110.00
67E	Extra-Extra Heavy Duty Alternator	$83.00
67H	Suspension Package, Heavy Service	$122.00
67X	Suspension Package, Extra Heavy Service	$122.00
76C	Exterior Back-up Chime	$138.00
76S	Remote Start System	$248.00
84CA	84" Cab to Axle	$168.00
86A	Engine Idle Shutdown - 5 Minutes	$248.00
86B	Engine Idle Shutdown - 10 Minutes	$248.00
86C	Engine Idle Shutdown - 15 Minutes	$248.00
86D	Engine Idle Shutdown - 20 Minutes	$248.00
86M	Dual Batteries (78 Amp.) req. 6.2L or 7.3L Gas	$205.00
872I	Factory Back-Up Camera Kit and Installation	$608.00
87H	Hood Deflector -- Black Molded	$128.00
90A	Driver Heated Seat	$110.00
90L-CC	Power Equip Group on XL Only (Crew Cabs)	$1,120.00
90L-RC/SC	Power Equip Group on XL Only (Reg & Super Cabs)	$910.00
91G	LED Warning Strobes - White	$720.00
91S	LED Warning Strobes - Amber	$670.00
94P	Pre-Collision Assist (AEB)	$114.00
96V	XL Value Package	$720.00
98F	CNG/Propane Gaseous Engine Prep Package (w/6.2L only)	$310.00
98R	Operator Commanded Regeneration (OCR) (Requires 99T)	$245.00
99N	7.3L V8 Engine	$1,700.00
99T	6.7L Powerstroke Diesel V-8	$10,400.00
9CB	9' Reading Crane Body for 3,200lb Crane with Curbside Tank Compartment, Requires 3K Crane Selection	$12,640.00
9FT2YD	Knapheide, Rugby - Deduct $1,000. 9' 2/3YD Dump with 12" sides, ICC Rear Bumper, Manual Tarp and Electric Hoist	$16,293.00
9SB	Knapheide, Reading 9' Flatbed, Minimum 40" Removable Stake Sides, ICC Rear Bumper	$9,945.00
9UB	9' Utility Body - Knapheide, Reading or Stahl. Add $1,100 for Flip Top, Add $ 915 for Compartment Lighting, Add $625 for Master Lock System, Add $3,000 Crane Reinforcement for 4,000lb Crane , Add $ 4,300 for Enclosed Mid-Roof body	$11,940.00
A4CS	Four Corner Strobes - Amber LED	$680.00
BUC	Aftermarket 7.5" Screen Back Up Camera System	$772.00
CNG-BF	Bi Fuel 23.5 Gas Gallon Equivilant System	$14,580.00
CNG-D	Dedicated 23.5 Gas Gallon Equivilant System	$14,580.00
CS	Cab Shield - Back of Cab with Mesh Window	$699.00
DLR	Ladder Rack - Double Fold Down	$3,135.00
F3G-XLT	Chrome 2-Bar Grille, Chrome Front Bumper, 4.2" LCD Productivity Screen, Aux Audio Input Jack, Power Equipment Group, Carpet Floor Covering, Floor Mats, Cloth Seats, Advanced Security Pack, MyKey, Remote Keyless Entry, Passive Anti-Theft System, Cruise Control, SYNC 3 with 8" LCD Touchscreen, AM/FM/MP3	$3,455.00
FECP	Ford Extended Coverage Plan - Contact Dealer with Requirements for Availability / Pricing	$0.00
FMP	Ford Maintenance Plan - Contact Dealer with Requirements for Availability / Pricing	$0.00
FSWSPKG1	51" Federal Signal Valor Amber Lightbar with Front and Rear Full Flood Feature, Six Button Controller, Federal Signal White LED Corner Storbes with 19 Patterns, 100AMP Circuit Breaker	$4,593.00
FWLB	51" Federal Signal Valor Amber Lightbar with Front and Rear Full Flood Feature	$3,295.00
GG	Grille Guard	$1,494.00

Order Code	Description	Price
LABOR	Hourly Labor Rate	$105.00
LG13UB	Tommygate 1,300lb Liftgate, Add $300 for 1,600lb Liftgate - For Utility Body	$3,180.00
LG15UB	Thieman 1,500lb Liftgate, Add $700 for Aluminum Platform - For Service Body	$3,300.00
LG16FB	Thieman 1,600lb Liftgate for Flatbed Body	$3,995.00
LG20FB	Tommygate 2,000lb Liftgate, Add $500 for Theiman. For Flatbed Body	$3,995.00
MPLNGS	JerrDan MPL-NGS Self Loader Wrecker, 4,000lb Wheel Lift, 8,000lb Winch, 22 Head LED Lightbar, Standard Chains and Straps. Add, $3,980 for Aluminum Body in Lieu of Steel Body, Add $500 for Low Angle Grid Recovery Sheave, Add $712 for Motorcycle Towing Adapter, Add $1,917 for Self Loading Aluminum Dolly with Storage Brackets, Add $1,430 for 5th Wheel / Goose Neck Attachment Combo, Add $119 for Fuel Can Holder, Add $231 for Magnetic Tow Ligths, Add $296 for Suction Mounted Tow Lights	$34,802.00
NLBR	Non-Listed Body Request - Contact Dealer to Coordinate	$0.00
NLER	Non-Listed Equipment Request - Contact Dealer to Coordinate	$0.00
NTAG	New Yellow Tag - Includes Registration and Administrative Fees	$225.00
PAT	Paint, Yellow (Fleet Only)	$658.00
PBY	Paint, School Bus Yellow (Fleet Only)	$658.00
PE4	Paint, Vermillion Red (Fleet Only)	$658.00
PGR	Paint, Green (Fleet Only)	$658.00
PMB	Paint, Orange (Fleet Only)	$658.00
PRUB	Pipe Rack with Cab Protector for Utility Body	$1,995.00
PTO	Power Take Off - Requires 62R PTO Provision	$1,850.00
PW6	Paint, Green Gem (Fleet Only)	$658.00
SLINER	Spray Liner for 9' Utility Body (Compartment Tops, Cargo Area and Top of Rear Bumper). Add $135 for 11' Utility Body, Add $195 for 9' Flatbed, Add $225 for 11' Flatbed	$1,435.00
SLR	Ladder Rack - Single Fold Down	$1,998.00
SLT-21	Signalier SLT-21 21' Working Height Aerial Scissor Lift, 3'x8' Aluminum Platform with Aluminum Tubing and Swing Door, Traveses 12' to Passenger Side, Mounted on 12' Flatbed, Two Tool Boxes, Hydraulic Outriggers (One on Front and Rear of Passenger Side), Add $28,800 for Hydraulic Sign Post Auger Crane with 14' Reach, 1,500lb capacity, 6" Radius. Inc. PTO, Req. 84CA and 62R Options	$83,780.00
SPOT	Remote Operated GoLight Spot Light	$795.00
SRW-4X2	F3E (Regular Cab), X3E (Super Cab), W3E (Crew Cab) - Credit	$200.00
TB	24"x18"x18 Steel Underbody Tool Box, Add $100 for 36", Add $200 for 48", Add $200 for 36" Aluminum, Add $300 for 48" Aluminum. Add $175 for Frame Brackets for Dump Body Applications	$410.00
TBM	LT245/75Rx17E BSW AT Tires (6)	$163.00
TEMP	Temporary Tag - Includes Registration and Administrative Fees	$55.00
TINT	Tinted Glass - Aftermarket - Additional $55 for Supercab, Additional $100 for Crew Cab	$145.00
TOWPKG	Towing Package Inc. Trailer Wiring Hitch, Removable Insert and 2" Ball (Requires 531 or 535 option). Add $138 for Pintle / Ball Combo. 14K Receiver Hitch	$489.00
TTRANS	Transfer Existing Tag - Includes Renewal and Administrative Fees	$185.00
W3G-W3E	Crew Cab and Chassis	$3,145.00
W3G-XLT	Chrome 2-Bar Grille, Chrome Front Bumper, 4.2" LCD Productivity Screen, Aux Audio Input Jack, Power Equipment Group, Carpet Floor Covering, Floor Mats, Cloth Seats, Advanced Security Pack, MyKey, Remote Keyless Entry, Passive Anti-Theft System, Cruise Control, SYNC 3 with 8" LCD Touchscreen, AM/FM/MP3	$4,495.00
W4CS	Four Corner Strobes - White LED	$680.00
X3G-X3E	Super Cab and Chassis	$2,280.00
X3G-XLT	Chrome 2-Bar Grille, Chrome Front Bumper, 4.2" LCD Productivity Screen, Aux Audio Input Jack, Power Equipment Group, Carpet Floor Covering, Floor Mats, Cloth Seats, Advanced Security Pack, MyKey, Remote Keyless Entry, Passive Anti-Theft System, Cruise Control, SYNC 3 with 8" LCD Touchscreen, AM/FM/MP3	$3,730.00
X4L	Axle, Limited Slip (Ratio 4.30)	$345.00
X4N	Axle, Limited Slip (Ratio 4.10)	$355.00

Palmetto Ford Truck Sales, Inc.

7245 NW 36 Street Miami, Florida 33166
305-470-1334 / 305-470-1344 fax / 305-972-7133 cell
crodgers@palmettotruck.com

FLORIDA SHERIFFS ASSOCIATION PRICE SHEET

Bid / Contract #: **FSA19-VEH17.0**

Purchaser:	CITY OF DANIA BEACH	Date:	11/12/19
Address:	1201 STIRLIING ROAD	Phone:	757-375-7801
City:	DANIA BEACH, FL. 33004		THOMAS GOODMAN
			tgoodman@daniabeachfl.gov

Base Model:	ITEM 7 - 2020 F350 4X2 (F3G)	Price:	**$22,085.00**
Inc.	AM/FM RADIO, AIR CONDITIONING		
Exterior Color:	WHITE		
Interior Color and Covering:	GREY / VINYL		
Delivery Info:	ESTIMATED AT 135 DAYS FROM RECEIPT OF ORDER		

Option #	640A - XL TRIM PACKAGE	Price:	$0.00
Option #	99N - 7.3L V8 GASOLINE ENGINE	Price:	$1,700.00
Option #	44G - TORQSHIFT 10-SPEED AUTOMATIC TRANSMISSION	Price:	$0.00
Option #	11CB - 11' READING UTILITY BODY WITH CRANE REINFORCEMENT	Price:	$14,745.00
Option #	FOR 3,000LB TO 3,200LB CRANE - 132ADWHH-CM	Price:	$0.00
Option #	18B-SC/CC - CAB STEPS FOR SUPER CAB	Price:	$440.00
Option #	3KEHC - LIFTMORE 3200REE-15 3,200LB ELECTRIC / HYDRAULIC	Price:	$14,486.00
Option #	CRANE WITH MANUAL OUTRIGGERS	Price:	$0.00
Option #	52B - FACTORY TRAILER BRAKE CONTROLLER	Price:	$265.00
Option #	84CA - 84" CAB TO AXLE	Price:	$168.00
Option #	90L-RC/SC - POWER EQUIPMENT GROUP FOR SUPER CAB	Price:	$910.00
Option #	A4CS - AMBER LED FOUR CORNER STROBES	Price:	$680.00
Option #	CS - CAB SHIELD FOR IGHT BAR INSTALLATION	Price:	$688.00
Option #	NTAG - NEW YELLOW CITY TAG	Price:	$225.00
Option #	SLINER - SPRAYLINER CARGO AREA, COMPARTMENT TOPS AND	Price:	$1,995.00
Option #	TOP OF REAR BUMPER FOR 11'UTILITY BODY	Price:	$1,570.00
Option #	TOWPKG - TOWING PACKAGE, HITCH, PINTLE / 2" BALL COMBO	Price:	$627.00
Option #	X3G-X3E - SUPER CAB CONFIGURATION	Price:	$2,280.00
Option #	**NLER - NON LISTED EQUIPMENT REQUEST**	Price:	$0.00
Option #	ECCO 12-20004-E 48" LIGHTBAR - AMBER LED WITH 2 WORKING	Price:	$2,115.00
Option #	LIGHTS AND 2 ALLEY LIGHTS MOUNTED ON CAB SHIELD	Price:	$0.00
Option #		Price:	$0.00

Total Price of Base Unit and all Selected Options: $64,979.00

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
TO APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE THREE (3) FORD F-250 FULL SIZE TRUCKS FOR THE PUBLIC SERIVCES DEPARTMENT, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED THREE THOUSAND FIVE HUNDRED FIFTY TWO DOLLARS ($103,552.00) FROM BOZARD FORD, WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISMENT FOR BIDS, BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS' ASSOCIATION ("FSA") CONTRACT 19-VEL27.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AND EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
C-MEMO-PURCHASE-3 F250TRUCKS-BOZARFORD-011420revFJR, R-2020- Bozard Ford Authorization to Purchase 3 Ford F-250 Pickups for Public Services, Bozard Vehicle Quotes (FSA Contract 19-VEL27.0)

CITY OF DANIA BEACH
PUBLIC SERVICES DEPARTMENT

MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

VIA: Ana M. Garcia, ICMA-CM, City Manager

FROM: Fernando J. Rodriguez, Public Services Director

RE: **Authorization to Purchase Vehicles from Bozard Ford Utilizing the FSA Contract FSA19-VEL27.0.**

Request

The Public Services Department is requesting the purchase of three Ford F-250 trucks from Bozard Ford utilizing FSA Contract FSA19-VEL27.0.

Background

The purchase of these trucks will allow staff from the Stormwater and Utilities divisions to address field work with only one multi-purpose vehicle, increasing their effectiveness and improving response time. The purchase of the third F-250 truck for the Parks Maintenance department will shift the use of a dedicated dump truck to using truck and dump trailer combination, thereby addressing the needs of the department and at a lower cost than purchasing a dedicated dump truck. The existing dump truck requires replacement due to its age and poor condition.

Budgetary Impact

The total cost of the three purchases is $103,552 and will be funded by approved 2020 budget appropriations, as summarized below:

Replacement Vehicle Type	Funding source	Procurement cost
Ford F-250 with lift gate *(to be used with a dump trailer purchased from Texas Trailers)*	001-39-04-539-64-20 Parks Maintenance	$31,848
Ford F-250 utility body	401-33-02-533-64-20 Utilities	$35,852
Ford F-250 utility body	403-38-01-538-64-20 Stormwater	$35,852
	Total	**$103,552**

\continued…

Recommendation

Public Services recommends that the City Commission approve the resolution for the purchase of three pickup trucks from Bozard Ford by utilizing the pricing under the FSA Contract FSA19-VEL27.0 for a total of $103,552.

RESOLUTION NO. 2020-005

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO PURCHASE THREE (3) FORD F-250 FULL SIZE TRUCKS FOR THE PUBLIC SERVICES DEPARTMENT, IN AN AMOUNT NOT TO EXCEED ONE HUNDRED THREE THOUSAND FIVE HUNDRED FIFTY TWO DOLLARS ($103,552.00) FROM BOZARD FORD, WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS, BY UTILIZING THE PRICING UNDER THE FLORIDA SHERIFFS' ASSOCIATION ("FSA") CONTRACT 19-VEL27.0; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Charter of the City of Dania Beach, Part III, Article 3, Section 4, Subsection (j), authorizes the City Manager to purchase supplies, services, equipment and materials for the City government in amounts in excess of the established monetary threshold without competitive bidding and without advertisement for bids if she is authorized to do so in advance by a resolution adopted by the City Commission and if such purchases are made pursuant to a competitive bid obtained within the last eighteen (18) months by other government agencies such as the federal government, state of Florida or a Florida municipality or county; and

WHEREAS, the Dania Beach Code of Ordinances, Chapter 2, Article 1, Section 2-10, "Monetary thresholds for certain purchases and payment disbursement authorizations", Subsection (a), sets the monetary threshold or limitation at $25,000.00; and

WHEREAS, the Director of the Public Services Department has determined that vehicles needed by the City can be purchased as the least cost to the city from Bozard Ford by utilizing the pricing under the FSA Contract 19-VEL27.0, attached as Exhibit "A," a copy of which is made a part of and is incorporated into this Resolution by this reference; and

WHEREAS, the approved budget provided for three (3) Ford F-250 full size trucks;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the foregoing "Whereas" clauses are ratified and confirmed as being true and correct and they are made a specific part of and incorporated into this Resolution by this reference.

Section 2. That the City Manager is authorized to purchase three (3) Ford F-250 full size trucks for the Public Services Department by utilizing the pricing under the Florida Sheriffs Association (FSA) Contract 19-VEL27.0 valid through September 30, 2020.

Section 3. That the City Manager is authorized to surplus one of the currently owned dump trucks as this vehicle has exceeded its useful life period.

Section 4. That funding for this purchase is available and appropriated in the Fiscal Year 2019-2020 budget from the following sources:

Replacement Vehicle Type	Funding source	Procurement cost
Ford F-250 with lift gate *(to be used with a dump trailer purchased from Texas Trailers)*	001-39-04-539-64-20 Parks Maintenance	$31,848.00
Ford F-250 utility body	401-33-02-533-64-20 Utilities	$35,852.00
Ford F-250 utility body	403-38-01-538-64-20 Stormwater	$35,852.00
	Total	**$103,552.00**

Section 5. That the City Manager is authorized to purchase the vehicles from Bozard Ford as stipulated above, and the City Commission authorizes the proper City officials to execute such documents as are necessary for the purchase of such vehicles.

Section 6. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 7. That this Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED on January 14, 2020.

ATTEST:

_____
THOMAS SCHNEIDER, CMC
CITY CLERK

_____
LORI LEWELLEN
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

_____
THOMAS J. ANSBRO
CITY ATTORNEY

BOZARD
GOVERNMENT SALES

October 31, 2019

DANIA BEACH

THOMAS GOODMAN

757-375-7801

tgoodman@daniabeachfl.gov

Greeting,

Bozard Ford is pleased to submit the following quotw based on FSA Contract FSA 19-VEL27.0

	Color		
Exterior Color	**YZ**	**WHITE**	
Interior Vehicle Color	**AS**	**MEDIUM EARTH GRAY**	
SPEC #127		**Description**	**Price**
	F2A	**2020 FORD F-250 REG CAB 142" 8FT BED**	**22,584.00**
	996	6.2L V-8 ENG	INC
	44S	6-SPEED AUTO	INC
	512	SPARE TINE & WHEELS	INC
	90L	POWER WINDOW & DOOR LOCKS	INC
	471	CAMPER PKG (REAR STABILIZER BAR)	$159.00
	52B	TRAILER BRAKE CONTROLLER	$269.00
		H/DUTY TRAILER HITCH	INC
	18B	RUNNING BOARDS	$319.00
	873	REAR VIEW CAMERA (RELOCATE CAMERA ONCE LIFTGATE	$696.00
		IS INSTALLED	INC
	85S	SPRAY IN BED LINER	$594.00
	43C	110V/400W OUTLET	$174.00
	66S	UPFITTER SWITCHES	$164.00
		1300# TOMMY GATE G2 60 X 72 X 27 ALUMINUM	$4,269.00
		CAB SHIELDS BLACK POWDER COATED WITH MASH WINDOW	$799.00
		TO INC MINI BAR LIGHT PLATE	INC
		16" MINI LIGHT BAR MOUNTED TO HEADACHE RACK	$896.00
		WIRED WITH VERTEX TO (1) SWITEH (ANBER)	INC
		(4) CORNER WHELEN LED VERTEX LIGHTS TO INC SURFACE	$696.00
		MOUNT (SPLIT AMBER/WHITE)	INC
		DAYTIME RUNNING LIGHTS	$44.00
		NEW TAG	$185.00
			$31,848.00

All Vehiicles will be ordered **WHITE** unless agency choose a different color

Approved _____ _____

Please return quote along with purchase order

Sincerely,

Jeffrey Eason

Government Fleet Director

Joe Windrow

BOZARD
GOVERNMENT SALES

October 31, 2019

DANIA BEACH

THOMAS GOODMAN

757-375-7801

tgoodman@daniabeachfl.gov

Greeting,

Bozard Ford is pleased to submit the following quotw based on FSA Contract FSA 19-VEL27.0

	Color		
Exterior Color	**YZ**	**WHITE**	
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SPEC #127		**Description**	**Price**
	F2A	**2020 FORD F-250 REG CAB 142" 8FT BED**	**22,584.00**
	996	6.2L V-8 ENG	INC
	44S	6-SPEED AUTO	INC
	512	SPARE TINE & WHEELS	$294.00
	90L	POWER WINDOW & DOOR LOCKS	INC
	66D	PICKED BOX DELETE	INC
	63R	H/DUTY SERVICE PKG (REAR STABILIZER BAR)	$124.00
	52B	TRAILER BRAKE CONTROLLER	$269.00
		H/DUTY TRAILER TOW	INC
	18B	RUNNING BOARDS	$319.00
	872	REAR VIEW CAMERA & PREP KIT (BACK OF BUMPER)	$696.00
		SPRAY IN BED LINER(TOPS OF BOX)	$996.00
		SERVICE BODY KNAPHEIDE 696-J	$7,950.00
		CAB SHIELDS BLACK POWDER COATED WITH MASH WINDOW	$799.00
		TO INC MINI BAR LIGHT PLATE	INC
		16" MINI LIGHT BAR MOUNTED TO HEADACHE RACK	$896.00
		WIRED WITH VERTEX TO (1) SWITEH (ANBER)	INC
		(4) CORNER WHELEN LED VERTEX LIGHTS TO INC SURFACE	$696.00
		MOUNT (SPLIT AMBER/WHITE)	INC
		DAYTIME RUNNING LIGHTS	$44.00
		NEW TAG	$185.00
			$35,852.00

All Vehiicles will be ordered **WHITE** unless agency choose a different color

Approved _____

Please return quote along with purchase order

Sincerely,

Jeffrey Eason

Government Fleet Director

Joe Windrow

Fleet Sales Manager (850) 776-5294

WINDROW11@GMAIL.COM

Bid Award

Term: October 1, 2019 - September 30, 2020

Contract: FSA19-VEL27.0, Pursuit, Administrative and Other Vehicles

Group: Pickup Trucks - 4X2

Item: 127, Ford, F-250 XL Super Duty Regular Cab SRW , F2A

Description: Manufacturer standard equipment and specifications, and if not included also power windows, power door locks, and keyless entry.

Zone	Rank	Vendor	Price
Western	Primary Alternate	BOZARD FORD Duval Ford LLC	$22,584.00 $22,840.00
Northern	Primary Alternate	BOZARD FORD Duval Ford LLC	$22,584.00 $22,840.00
Central	Primary Alternate	BOZARD FORD Duval Ford LLC	$22,584.00 $22,840.00
Southern	Primary Alternate	BOZARD FORD Duval Ford LLC	$22,584.00 $23,105.00

Options appear in alphabetical order by awarded vendor.

Options: BOZARD FORD

Order Code	Description	Price
TEMP	Temporary Tag	$16.00
TRANSFER	Transifer existing registration (must provide tag number)	$100.00
NST	New State Tag (must specify state, county, city, sheriff etc)	$185.00
OSF	Out of Stock Fee. To cover stocking and floor plan expenses for vehicles purchased out of existing dealer inventory.	$799.00
BASE	Ford Base Care 5 year/100,000 mile extended warranty, $0 deductible. Contact dealer for other available coverage options.	$2,615.00
DBASE	Ford Base Care 5 year/100,000 mile extended warranty, $0 deductible. Coverage for Diesel Engine Options.\ Contact dealer for other available coverage options.	$2,785.00
EXTRA	Ford Extra Care 5 year/100,000 mile extended warranty, $0 deductible. Contact dealer for other available coverage options.	$3,085.00
DEXTRA	Ford Extra Care 5 year/100,000 mile extended warranty, $0 deductible. Coverage for Diesel Engine Options. Contact dealer for other available coverage options.	$3,295.00
PREM	Ford Premium Care 5 year/100,000 mile extended warranty, $0 deductible. Contact dealer for other available coverage options.	$3,695.00
DPREM	Ford Premium Care 5 year/100,000 mile extended warranty, $0 deductible. Coverage for Diesel Engine Options. Contact dealer for other available coverage options.	$3,805.00
3K	Additional key with remote	$399.00
3KPS	Additional key with remote for push button start	$499.00
99T	6.7l Powerstroke Diesel V8	$10,494.00
99N	7.3L Engine Option on F250 Pick-Up	$2,044.00
TBM	LT245/75Rx 17E BSW AT (XL)	$164.00
18B	Cab Steps (w/ Super/Crew Cab XL)	$444.00
16S	All-Weather Floor Mats (SC/CC)	$134.00
592	Clearance Lights, Roof	$94.00
41H	Heater, Engine Block	$99.00
17X	4x4 Off-Road Package	$399.00
66S	Upfitter Switches (6)	$164.00
67H	Suspension Package, Heavy Service	$124.00
52B	TowCommand™ Integrated Trailer Brake Controller	$269.00
85G	Tailgate Step	$374.00
41A	Rapid-Heat Supplemental Cab Heater	$249.00
86A	Engine Idle Shutdown - 5 minutes	$249.00
86B	Engine Idle Shutdown - 10 minutes	$249.00
86C	Engine Idle Shutdown - 15 minutes	$249.00
86D	Engine Idle Shutdown - 20 minutes	$249.00
98R	Operator Commanded Regeneration (OCR)	$249.00

Order Code	Description	Price
85S	Tough Bed® Spray-In Bedliner	$594.00
85L	Drop-in Bedliner	$349.00
61M	Wheel Well Liner	$179.00
98F	CNG/Propane Gaseous Engine Prep Pkg (w/ 6.2L only)	$314.00
61S	Splash Guards/Mud Flaps (Front)	$129.00
62S	Splash Guard/Mud Flaps (Rear)	$0.00
15J	Gooseneck Hitch Kit	$249.00
15L	5th Wheel Hitch Kit (18K)	$1,094.00
53W	5th Wheel/Gooseneck Hitch Prep Package	$499.00
96V	XL Value Package	$724.00
61L	Front Wheel Well Liners	$179.00
61N	Front & Rear Wheel Well Liners	$324.00
87H	Hood Deflector - Black Molded	$129.00
66L	Box Rail Lighting, LED Lighting System	$59.00
18D	Extended Running Boards	$739.00
65B	Trailer Camera (optional w/ 4.2 or 8 screen)	$374.00
67E	Extra-Extra Heavy Duty Alternator	$84.00
86M	Dual Batteries (78 amp) req. 6.2L or 7.3L Gas	$209.00
17S	STX	$1,824.00
16F	Carpet Flooring w/ STX	$59.00
913	SYNC 3	$449.00
67B	Dual Extra Heavy-Duty Alternator	$114.00
39S	SiriusXM® Satellite Radio	$184.00
62X	Aluminum Tool/Cargo Box by Weather Guard	$574.00
62Y	Premium Aluminum Tool/Cargo Box by Weather Guard	$789.00
21D	Tonneau Pickup Box Cover - Soft Folding	$524.00
21E	Tonneau Pickup Box Cover - Hard Folding	$994.00
21J	Tonneau Pickup Box Cover - Retractable	$1,694.00
PD4	Paint, Rapid Red Metallic Tinted Clearcoat	$394.00
PAZ	Paint, Star White Metallic Tri-Coat	$594.00
76R	Reverse Sensing System (XL Fleet Only)	$244.00
525	Cruise Control	$234.00
926	Customizable Speed Limit (65 mph)	$79.00
927	Customizable Speed Limit (75 mph)	$79.00
17F	XL Décor Package (ordered w/o option 96V)	$219.00
91S	LED Warning Strobes - Amber	$674.00
91G	LED Warning Strobes - White	$724.00
942	Daytime Running Lamps (Fleet Only)	$44.00
18A	Upfitter Interface Module	$294.00
PGR	Paint, Green (Fleet Only)	$659.00
PW6	Paint, Green Gem (Fleet Only)	$659.00
PMB	Paint, Orange (Fleet Only)	$659.00
PBY	Paint, School Bus Yellow (Fleet Only)	$659.00
PE4	Paint, Vermillion Red (Fleet Only)	$659.00
PAT	Paint, Yellow (Fleet Only)	$659.00
WGG	Wrap Around Grill Guard	$1,799.00

Order Code	Description	Price
CNG	CNG Conversion - Requires 98F	$13,990.00
8UTILITY	8 ft. Utility Body SRW. Add $699 for flip top. Contact dealer for available options.	$7,950.00
LINER	Spray liner for utility body	$999.00
TOWPKGSD	Super Duty Trailer Tow package. Includes Hitch, bar, 2" ball, pin, clip. Add $199 for pintle/ball combo.	$1,399.00
FTC	Fiberglass Tonneau Cover (Painted to match)	$1,999.00
TOPPER	Fiberglass Cab Highh Topper with front, side and rear windows (painted to match)	$2,499.00
CSHLD	Cab Shield Protector	$799.00
4CST	Four Corner LED Strobes mounted inconspicuously outside of headlight & taillight lenses, wired to switch.	$799.00
TINT	Dealer installed window tint. Add $100 for strip on windshield.	$399.00
PIPER	Pipe Rack for pickup bed. Add $199 for utility body	$1,899.00
4CST	Four Corner LED Strobes. Mounted inconspicuously outside of headlight and tail light lenses. Wired to switch	$799.00

Options: Duval Ford LLC

Order Code	Description	Price
101	CREDIT: Pursuant to FSA BoilerPlate sections 2.12, 2.13 regarding factory free-flow options, this vehicle specification includes a line-item MSRP option-discount in the amount listed here for any OEM configurable option available for the corresponding base-vehicle awarded. Client may visit fordvehicles.com to configure desired vehicle and dealer will produce corresponding FSA contract quote displaying line item discounts, supported by OEM price tables. This discount will be reflected in the aggregate net total for each optional item requested. Manufacturer's order-guide and price lists uploaded to the vendorlink bid site, published at fleet.ford.com , or available from Duval Ford.	$1.00
99T	6.7L Powerstroke Diesel V-8	$10,494.00
99N	7.3L Engine Option on F250 Pick-up	$2,044.00
98F	CNG Propane Prep. Req. 6.2L Gas Engine	$314.00
CNG	Ford F250-F350 23.5 GGE 6.2L Bi-Fuel	$14,116.00
X3H	Axle, Electronic-Locking (Ratio 3.31)	$389.00
X3J	Axle, Electronic-Locking (Ratio 3.55)	$389.00
X3E	Axle, Electronic-Locking (Ratio 3.73)	$389.00
X4M	Axle, Electronic-Locking (Ratio 4.30)	$389.00
TBM	LT245/75Rx17E BSW AT (XL)	$164.00
TCD	LT265/70Rx17E OWL AT (XL/XLT)	$454.00
TDX	LT275/70Rx18E BSW AT	$264.00
TDU	LT275/70Rx18E OWL AT	$289.00
LS	Vinyl High Back Bucket	$354.00
1S	Cloth 40/20/40 Split Bench - Regular (XL Only)	$99.00
4S	Cloth High Back Bucket (Regular Cab)	$514.00
512	Spare Tire and Wheel (with Box Delete)	$294.00
18B	Cab Steps (w/ Regular Cab XL)	$319.00
18C	6 inch Cab Steps, Chrome Angular	$694.00
471	Camper Package	$159.00
166	CREDIT CARPET DELETE XLT	$20.00
16S	All-Weather Floor Mats (SC/CC)	$134.00
16S	All-Weather Floor Mats	$89.00
592	592 Clearance Lights, Roof	$94.00
41h	41H Heater, Engine Block	$99.00
54k	54K Manual Telescoping Trailer Tow Mirrors (XL w/ 90L)	$0.00
17c	17C Chrome Package	$1,124.00
17F	XL decor package: Chrome bumpers and hub covers	$219.00
85D	85D Universal Garage Door Opener	$124.00
66S	66S Upfitter Switches (6)	$164.00

Order Code	Description	Price
76R	Reverse Sensing XL	$244.00
525	525 Cruise Control XL only	$234.00
67H	67H Suspension Package, Heavy Service	$124.00
52B	52B TowCommand™ Integrated Trailer Brake Controller	$269.00
62R	62R Transmission Power Take-Off Provision req. with Diesel	$279.00
435	435 Window, Power Sliding Rear	$404.00
85G	85G Tailgate Step	$374.00
41A	41A Rapid-Heat Supplemental Cab Heater	$249.00
86A	86A Engine Idle Shutdown - 5 Minutes	$249.00
86B	86B Engine Idle Shutdown - 10 Minutes	$249.00
86C	86C Engine Idle Shutdown - 15 Minutes	$249.00
86D	86D Engine Idle Shutdown - 20 Minutes	$249.00
98R	98R Operator Commanded Regeneration (OCR) req. diesel	$249.00
85S	85S Tough Bed® Spray-in bedliner	$594.00
85L	85L Drop-in Bedliner	$349.00
61M	61M Wheel Well Liner	$179.00
535	High Capacity Trailer Towing Package, Req 99T, 52B 26800 GCWR, includes upgraded axle. na with 66d or gas engine.	$1,129.00
534	Heavy Duty Towing assembly, Includes Hitch, Trailer circuit, wiring and Towing Hardware. Specify 2 or 2 5/16” Ball.	$1,129.00
76S	Remote Start System	$249.00
85M	Bed Mat	$149.00
98F	CNG/Propane Gaseous Engine Prep Package (w/6.2L only)	$314.00
61S	Splash Guards/Mud Flaps (Front)	$129.00
15J	Gooseneck Hitch Kit	$249.00
15L	5th Wheel Hitch Kit (18K)	$1,094.00
53W	5th Wheel/Gooseneck Hitch Prep Package	$499.00
53Q	HiCap towing with Ultimate Trailer tow camera system and pro backup assist. Req. 99T, 90L, 17S, 913, 52B	$1,599.00
76c	Exterior Back-up Chime	$139.00
96V	XL Value Package: Chrome Hub Covers, Chrome front and rear bumper, cruise	$724.00
61L	Front Wheel Well Liners	$179.00
61N	Front and Rear Wheel well liners	$324.00
87H	Hood Deflector	$129.00
66D	CREDIT: Bed Delete, deletes spare tire and wheel, included with body options	$250.00
d90L	CREDIT: Power window, Lock, keyless delete	$400.00
873	CHMSL Camera	$199.00
527	Adaptive Cruise control	$739.00
43c	100v 400 watt Cab Outlet	$174.00
60B	Blis with Cross Traffic Alert	$539.00
60C	Audible lane departure warning	$114.00
66B	Box Cleats, locking	$74.00
66L	LED Box Lighting, na with 66D	$59.00
43B	Defrost with Fixed Rear window and privacy glass	$59.00
67E	Extra HD Alternator	$84.00
86M	Dual Batteries rerq. 6.2 or 7.3L Gas, std with diesel	$209.00
52R	Bed Ramps	$694.00
17S	STX Package: Upgraded Wheels, Cruise, Upgraded bumpers and grille	$1,824.00
16F	Carpet: Req STX	$59.00

Order Code	Description	Price
62X	Aluminum CrossBody Tool Box	$574.00
47B	SnowPlow, Camper Package	$244.00
913	XL Sync 3 Voice communications and entertainment: 8” LCD Screen, Req 54K on XL. includes 43c	$449.00
96F	Fleet Driver assistance package: na with 66d, Includes Blind spot monitoring, Lane keeping alert, Precollision assistance with Automatic Emergency Braking and forward collision warning.	$994.00
94P	Precollision assist	$114.00
595	Fog Lamps: REQ 17F on XL	$129.00
21D	SOFT FOLDING TONNEAU COVER	$524.00
21E	HARD FOLDING TONNEAU COVER	$994.00
21J	RETRACTABLE TONNEAU COVER	$1,694.00
47E	GRAPHICS UP TO 20 SQ FT	$424.00
62M	ADJUSTALBE GAS AND BRAKE PEDAL	$119.00
18B	CAB STEPS REG CAB (SC / CC is $444)	$319.00
51x	Credit: Spare Tire Delete. Included with 66D	$30.00
926 927	SPEED LIMITER: 65,75 MPH	$79.00
91S	AMBER LED WARNING LIGHTS	$674.00
91G	WHITE LED WARNING LIGHTS	$724.00
63R	HD SUSPENSION PACKAGE, WITH 66D	$124.00
18A	UPFITTER INTERFACE MODULE	$294.00
BY	SCHOOLBUS YELLOW	$659.00
E4	VERMILION RED	$659.00
D4	RAPID RED PAINT	$394.00
TB LP	LOW PROFILE HD KING SIZE ALUMINUM CROSS BODY TOOLBOX	$550.00
TB GW	CAMLOCKING LOW PROFILE HD KING SIZE ALUMINUM CROSS BODY TOOLBOX WITH GULL WING LIDS	$585.00
TB SIDE 48	HD ALUM SIDE MOUNTED TOOLBOX 48” LONG, PRICE PER SIDE	$395.00
TB SIDE 72	HD ALUM SIDE MOUNTED TOOLBOX 72” LONG, PRICE PER SIDE	$564.00
TB TFUEL	Tool and fuel: UTS TT101 100 Gal capacity with meter, electric pump and 30' hose . Diesel Fuel only.	$2,480.00
SPRAY SB	SPRAY LINER FOR SERVICE BODY. INCLUDES INTERIOR, SIDE WALLS AND BOX TOPS. HD THICKNESS, INCLUDES TAILGATE.	$935.00
SPRAY DD	Spray LINE TWO SERVICE BODY DROP DOOR SURFACES	$175.00
SPRAY BPR	SPRAY SERVICE BODY REAR BUMPER FOR UP TO 12” SHELF BUMPERS	$165.00
SPRAY ESV	SPRAY LINER FOR ENCLOSED SERVICE BODY. INCLUDES FLOOR AND 16” UP SIDE WALLS.	$1,525.00
SLIDE 1000	1000 LB CAPACITY BED MOUNTED CARGO EASE BED SLIDE	$1,295.00
SLIDE 1200	1200 LB CAPACITY BED MOUNTED CARGO EASE BED SLIDE	$1,695.00
SLIDE 1500	1500 LB CAPACITY BED MOUNTED CARGO EASE BED SLIDE	$2,195.00
SLIDE 2000	2000 LB CAPACITY BED MOUNTED CARGO EASE BED SLIDE	$2,659.00
COVER FOLD	TRI FOLD BED COVER	$849.00
COVVER SFT	SOFT FOLDING BED COVER	$495.00
HIGHWAY PROD	HIGHWAY PRODUCTS PICKUP PACKS: CONTRACT PRICING GRID AVAILABLE HIGHWAYPRODUCTS.COM . FINAL CONFIGURATION WILL BE ADDED TO CONTRACT VEHICLE QUOTE. SHIPPING ADDITIONAL, COST IS FOR LABOR ONLY	$1,296.00
8KB FTL	FLIP TOP LIDS FOR 8FT KNAPHEIDE SERVICE BODY 696FJ	$975.00
ML	MASTERLOCKING RODS FOR SERVICE BODY	$615.00
CLITE	COMPARTMENT LIGHTING FOR SERVICE BODY	$550.00
8C2 FTL	FLIP TOP LIDS FOR READING CLASSIC 8FT SERVICE BODY U98ASW-SML	$1,205.00
8SL FTL	FLIP TOP LIDS FOR READING SL SERVICE BODY	$1,195.00
ML	KNAPHEIDE MASTERLOCK	$595.00
ML 11	KNAPHEIDE MASTERLOCKS 11FT	$765.00
CLITE	KNAPHEIDE COMPARTMENT LIGHTS	$595.00

Order Code	Description	Price
CLITE 11	KNAPHEIDE COMPARTMENT LIGHTS 11FT	$680.00
LEDT	KNAPHEIDE LED TAILLIGHTS	$510.00
EL	KNAPHEIDE ELECTRIC LOCKS	$950.00
EL 11	KNAPHEIDE ELECTRIC LOCKS 11 FT BODIES	$1,125.00
THDL	KNAPHEIDE SINGLE POINT T HANDLES	$425.00
THDL 11	KNAPHEIDE SINGLE POINT T HANDLES 11 FT BODIES	$600.00
3PT	KNAPHEIDE 3 POINT T HANDLES	$600.00
3PT 11	KNAPHEIDE 3 POINT T HANDLES 11 FT BODIES	$765.00
DRING	D RINGS IN CARGO AREA	$449.00
PAINT	PAINT COMPARTMENT INTERIOR	$1,109.00
6D TBOX	6 DRAWER MECHANICS TOOLBOX	$2,095.00
CHOLD	CONE HOLDER	$196.00
HD CHOLD	HEAVY DUTY FOLD DOWN CONE HOLDER	$382.00
TPLATE TOP	TREADPLATE OVERLAY COMPARTMENT TOPS	$975.00
TPLATE C	TREADPLATE OVERLAY CARGO AREA	$975.00
GRAB HNDL	GRABHANDLES (2)	$226.00
STEP	CABLE STEP	$349.00
COOLER MNT	IGLOO COOLER MOUNT	$225.00
COOLER	IGLOO COOLER	$110.00
VISE	6" WILTON VISE	$425.00
VBKT	VISE BRACKET	$199.00
GARD	MUD & STONE GUARD	$225.00
ETRACK	E TRACK IN CARGO AREA	$345.00
TOOL	3 TOOL SHOVEL RACK	$325.00
BUMPER 16	KNAPHEIDE TAILSHELF BUMPER 16"	$1,200.00
BUMPER 21	KNAPHEIDE 21" WORKBENCH STORAGE BUMPER	$1,800.00
HICOMP	KNAPHEIDE RAISED BOTTLE GAS COMPARTMENT	$1,496.00
SPO BASE	KNAPHEIDE BASE COAT/CLEAR COAT COLORS	$1,530.00
SPO OEM	KNAPHEIDE FACTORY PAINT	$1,105.00
SKID	LUBE SKID; 2 NEW OILS & 1 WASTE	$12,996.00
VANAIR CG	VANAIR PRO COMPRESSOR/GENERATOR, 20 CFM, 5000 WATT	$5,800.00
COMP 20	20 CFM GAS AIR COMPRESSOR AND REEL	$4,650.00
VMAC G	VMAC VR70 GAS	$11,500.00
VMAC D	VMAC VR70 DIESEL APPLICATION	$14,900.00
WELDER	MILLER BOBCAT 250 WELDER	$7,136.00
SAFET	Safety Kit Incl; First Aid Kit, Triangle Kit & Fire Extinguisher	$276.00
TGA	1300# TOMMY GATE G2 60 1342 TP27 STEEL PLATFORM	$3,355.00
TGB	1300# TOMMY GATE G2 60 X 38 2 PIECE STEEL	$3,480.00
TGC	1300# TOMMY GATE G2 60 X 27 ALUMINUM	$4,030.00
TGD	1300# TOMMY GATE G2 60 X 38 ALUMINUM 2 PIECE	$4,155.00
TGE	1300# TOMMY GATE G2 60 X 48 2 PIECE ALUMINUM	$4,430.00
TGF	1500# TOMMY GATE G2 60 1642 TP27 STEEL PLATFORM	$3,455.00
TGH	1500# TOMMY GATE G2 60 X 38 2 PIECE STEEL	$4,155.00
THI	1500# TOMMY GATE G2 60 X 27 ALUMINUM	$4,205.00
THJ	1500# TOMMY GATE G2 60 X 38 ALUMINUM 2 PIECE	$4,405.00
TGK	1500# TOMMY GATE G2 60 X 48 ALUMINUM 2 PIECE	$4,605.00

Order Code	Description	Price
TH1	THIEMAN 1500# TT15ET 56 X 26 STEEL 1 PIECE	$3,625.00
TH2	THIEMAN 1500# TT15ET 56 X 42 STEEL 2 PIECE	$3,955.00
TH3	THIEMAN 1500# TT15ET 56 X 26 ALUMINUM 1 PIECE	$3,855.00
TH4	THIEMAN 1500# TT15ET 56 X 32 ALUMINUM 2 PIECE	$4,275.00
TH5	THIEMAN 1500# TT15ET 56 X 44 ALUMINUM 2 PIECE	$4,555.00
DOGBOX	A fiberglass one piece molded animal transportation unit with (8) eight compartments. Featuring our fresh air ventilation system vented to each compartment, a pass through swing door in the front compartment, solid partitions creating 8 individual compartments, sloped floor drainage system, Ultimate Safety doors with large louvers and small catch pole door within the door, and bright white L.E.D. lighting in individual compartments. Available with air conditioning and heating, back saver hoist, catch pole holder, rear blind spot mirror, custom strobe and light bar lighting, work lights and pet step folding ramp. Animal Compartment Sizes: Measured from center of partitions. (Requires 31* Ship-Thru) Street Side: Front 30” Wide x 36” High x 39” Deep (w/ pass through door open 30” Wide x 78” Deep) Center 24” Wide x 36” High x 39” Deep,Center 24” Wide x 36” High x 39” Deep, Rear 32” Wide x 36” High x 39” Deep, Curb Side: Front 30” Wide x 36” High x 39” Deep (w/ pass through door open 30” Wide x 78” Deep), Center 24” Wide x 36” High x 39” Deep, Center 24” Wide x 36” High x 39” Deep, Rear 32” Wide x 36” High x 39” Deep	$16,700.00
8ESB SRW 45	8FT ENCLOSED SERVICE BODY IH 45” KC96U1478. INCLUDES MASTERLOCK, INTERIOR DOME LIGHT, 2 REAR SHELF DOORS, LED TAIL LIGHTS, STEP BUMPER. (Requires 31* Ship-Thru) CODE	$10,890.00
8ESB SRW 51	8FT ENCLOSED SERVICE BODY IH 51” KC96L1479 INCLUDES MASTERLOCK, INTERIOR DOME LIGHT, 2 REAR SHELF DOORS, LED TAIL LIGHTS, STEP BUMPER. (Requires 31* Ship-Thru) CODE	$11,095.00
8ESB SRW 61	8FT ENCLOSED SERVICE BODY IH 61” KC96M1480 INCLUDES MASTERLOCK, INTERIOR DOME LIGHT, 2 REAR SHELF DOORS, LED TAIL LIGHTS, STEP BUMPER. (Requires 31* Ship-Thru) CODE	$11,281.00
8KB	8FT KNAPHEIDE 696J SINGLE REAR WHEEL SERVICE BODY. (Requires 31* Ship-Thru)	$6,816.00
8SB	8FT STAHL STL8SBS SINGLE REAR WHEEL SERVICE BODY, (Requires 31* Ship-Thru) STL8SBS	$6,838.00
8CM	8FT CM SINGLE REAR WHEEL SERVICE BODY. (Requires 31* Ship-Thru) CM8SW	$8,343.00
8C2	8FT READING C2 SERVICE BODY, (Requires 31* Ship-Thru) U98ASW	$7,486.00
8SL	8FT READING SL SERVICE BODY, (Requires 31* Ship-Thru)	$6,636.00
RCB SRW	READING CM3 CRANE BODY. SUPPORT 1-3K CRANES. DESIGNED FOR 10K GVWR. (Requires 31* Ship-Thru) SHIP THRU	$9,905.00
CRANE 3K	Liftmoore 3600 LB Electric Crane Model 3600REL (replaces 3200REL) with Curb Side Only Manual Outriggers and wired Pendant Control ** additional outrigger options available **	$12,420.00
HICAP DC	HIGH CAPACITY AC/ HEAT WITH TWIN FAN CONDENSOR AND AUXILLARY DEDICATED COMPRESSOR. FOR DOGBOX OPTION. AC VENTS INCLUDED, 28K BTU AND TEMP MONITOR IN CAB	$4,799.00
HICAP AC	AC UNIT UP TO 28 BTU AND TEMP MONITOR, RUNS OFF FACTORY COMPRESSOR. REQ. DOGBOX OPTION	$3,650.00
DOGBOX RAMP	PULL OUT RAMPS FOR USE WITH DOGBOX OPTION	$650.00
HD SD	8 HD STAINLESS INTERIOR SAFETY DOORS, POWDER COATED BLACK , REQ DOGBOX OPTION	$1,800.00
RCAM	REARVIEW 5.6” DISPLAY CAMERA SYSTEM	$695.00
STORAGE	TWO SLIDE OUT TRAYS IN REAR COMPARTMENT FOR STORAGE. REQ. DOGBOX	$610.00
HSPOT	HALOGEN PILLAR MOUNTED SPOT LIGHT	$595.00
LEDSPOT	LED SPOT LIGHT PILLAR MOUNTED	$695.00
GOLITE	LED Permanent Mount Go-Light brand spot light	$695.00
TH500	500 Watt Inverter	$396.00
TH750	750 Watt Inverter	$596.00
TH1000	1000 Watt Inverter	$642.00
TH2000	2000 Watt Inverter	$796.00
TH3000	3000 Watt Inverter	$966.00
TH001	Remote Control for TH1000-TH3000	$65.00
DSI-12/1200N	Dimensions 1200 watt Pure Sine Wave	$1,495.00
DSI-12/1500N	Dimensions 1500 watt Pure Sine Wave	$1,596.00
DSI-12/2400N	Dimensions 2400 watt Pure Sine Wave	$2,246.00
DSI-12/3000N	Dimensions 3000 watt Pure Sine Wave	$2,396.00
DSI-REMOTE	Remote control for Dimensions	$145.00
STLIGHT	Streamlight Rechargeable Stinger Flashlight	$189.00
CAMLOC	RELOCATE CAMERA, INSTALL BRACKET WHERE INDICATED	$255.00
BACKZONE	REVERSE PARKING AIDE SENSORS	$445.00
TOPPER RNC	CAB HIEGHT FIBERGLASS TOPPER WITH SLIDING SIDE WINDOWS.	$2,015.00

Order Code	Description	Price
ROOFRACK	YAKIMA ROOF RACK WITH ADJUSTABLE ROUND BARS	$400.00
TB SHELF	ADDS FIBERGLASS TOOLBOX WITH SHELF ON SINGLE SIDE. REQ TOPPER RNC	$486.00
WINDOORS	GLASS SIDE WINDOORS FLIP OUT FOR EASY ACCESS, REQ TOPPER RNC	$374.00
WINDOOR SLD	SOLID PAINTED WINDOORS FOR ADDED SECURITY. REQ. TOPPER RNC	$450.00
COVER RNC	RANCH LEGACY SERIES FIBERGLASS PAINTED BED LID, DUAL SHOCK, BLACK POWDER COATED HARDWARE. SINGLE LOCK WITH TWO KEYS	$1,695.00
COVER UC	6 3/4 FOOT ABS COMPOSITE PAINTED TO MATCH BED LID. UNDERCOVER LUX SINGLE POINT LOCKING SYSTEM, LOW PROFILE LOOK.	$1,899.00
COVER RTX6	RETRAX RETRACTABLE BED COVER FOR 6 3/4 BED	$1,550.00
COVER RL8	ROLL N LOCK RETRACTABLE BED COVER FOR 8 FT BED LG152M	$1,899.00
COVERLITE	TWO WHITE LED STEADY BURN LIGHTS INSIDE PICKUP BED FOR CLOSED COVER VISIBILITY	$446.00
ARE-LSII	A.R.E. LSII Series Tonneau Cover (5.5' to 8' Bed)	$1,955.00
ARE-3DLS	A.R.E. 3DL Series Tonneau Cover (6.5' Bed)	$2,390.00
ARE-V	A.R.E. V Series Fiberglass Topper (5.5' to 8' Bed). Includes front, side, and rear windows.	$2,025.00
ARE-DCU	A.R.E. DCU 23" Tall . Includes hatch rear door with T-lock, rear tinted window, full length tool box on each side, and front picture window.	$2,810.00
SK-COMPAK8	SpaceKap - 8' Compak (Transferable Service Body). Includes side doors. Body can be placed in any 8' truck bed. Easily transferable. Also available for 6' truck bed. Add Contractor Bin Pkg for $1,395. Add Plumber Pkg for $1,995.	$9,995.00
SK-WILD8	SpaceKap - 8' Wild (Transferable Service Body). Includes side doors. Body can be placed in any 8' truck bed. Easily transferable. Also available for 6' truck bed. Add Contractor Bin Pkg for $2125. Add Plumber Pkg for $2,680.	$10,475.00
SK-DIABLO8	SpaceKap - 8' Diablo (Transferable Service Body). Body can be placed in any 8' truck bed. Easily transferable. Also available for 6' truck bed. Add Contractor Bin Pkg for $2,460. Add Plumber Pkg for $3,300.	$10,790.00
TINT	DEEP WINDOW TINT FILM WITH FRONT WINDSHIELD STRIP.	$265.00
TINT 4D	TINT ALL WINDOWS.	$385.00
NITRO	NITROGEN FILLED TIRES IN LIEU OF STD FACTORY FILL. FUEL ECONOMY SAVER DUE TO TIRE PRESSURE CONSISTENCY, ON GROUND	$245.00
WT LC	WEATHER TECH MATS , LASER CUT	$215.00
RMAT	HD RUBBER FLOOR MATS	$195.00
STEPBARS	TUBULAR STEP BARS	$395.00
VV	VENT SHADES, MUST SPECIFY STICK ON OR FLANGE TYPE IN CHANNEL	$175.00
WGG BASE	WRAP AROUND GRILL GAURD. WESTIN HDX	$1,095.00
WGG STERLING	Sterling Base heavy duty winch mount / grill guard. Upgrade to Standard model for $125, to Deluxe model for $235, or Gator model for $340. Add $125 for a heavy duty Warn winch	$1,295.00
WGG WP	WESTIN WRAP AROUND GRILL GUARD WITH WINCH PLATE	$1,395.00
WGG LC	LIGHT CHANNEL FOR GRILL GUARD, LIGHTS SOLD SEPERATELY	$79.00
WINCH 8KW	8000# WARN WINCH WITH REMOTE, REQ WGG.WP TO INCLUDE WINCH PLATE	$1,336.00
WINCH 10KW	10000# WARN WINCH WITH REMOTE, REQ. WGG.WP TO INCLUDE WINCH MOUNTING PLATE	$1,556.00
WINCH 12KW	12000# WARN WINCH WITH REMOTE, REQ. WGG.WP TO INCLUDE WINCH MOUNTING PLATE	$1,676.00
3K PATS	EXTRA PROGRAMMED KEY WITH PATS TECHNOLOGY, FLEET KEY	$225.00
3K RKE	EXTRA PROGRAMMED INTEGRATED KEY TRANSMITTER FOB	$350.00
PINTLE BC	PINTLE BALL COMBO 2 5/16” WITH ADJUSTABLE SHANK	$315.00
PINTLE FX	PINTLE BALL COMMBO 2 5/16” FIXED SHANK	$285.00
2 TONE	TWO TONE PAINT SCHEME, DOORS AND ROOF	$1,896.00
LEVL	LEVELING KIT. RAISES FACTORY FRONT END 2”	$765.00
CABSHIELD	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW.	$625.00
CABSHIELD A	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW. INCLUDES SINGLE CENTER BEACON PLATE	$650.00
CABSHIELD B	STERLING CAB SHIELD, BLACK POWDER COATED STEEL CONSTRUCTION WITH MESH WINDOW. INCLUDES DUAL MOUNTING FEET FOR LIGHTBAR MOUNTING.	$675.00
BACKRACK	LIGHT DUTY LOUVERED HEADACHE RACK	$476.00
TRACRAC	TRAC ONE UNIVERSAL TRUCK RACK FOR OVERHEAD CARGO. F150 ONLY, FSD TBD	$776.00
SLR	SINGLE SIDE LADDER RACK FOR PICK UP VERSION	$995.00
SLR SB	SINGLE SIDE LADDER RACK FOR SERVICE BODY APPLICATION	$795.00

Order Code	Description	Price
PIPE RACK	METAL UTILITY RACK WITH MESH BASKET OVER CAB	$2,015.00
MATRACK	MATERIAL RACK OVER CAB. DOES NOT HAVE MESH BASKET	$1,885.00
FENDERFLARE	FENDER FLARES FOUR PIECE. NA WITH CHASSIS.	$594.00
31A	SHIP THROUGH ALTEC 88LAP1	$625.00
31P	SHIP THROUGH AUTOPORT	$625.00
31B	SHIP THROUGH READING	$625.00
31V	SHIP THROUGH KNAPHEIDE	$625.00
31T	SHIP THROUGH TAMPA CRANE	$625.00
31C	SHIP THROUGH CUSTOM FIBERGLASS 53Y600	$625.00
31Q	SHIP THROUGH CUES	$625.00
uCoat	Undercoating	$650.00
USB Iphone	HD Charge Wire for Iphone	$35.00
USB Android	HD Charge Wire for Android	$35.00
OZN	Out of Zone purchase and Delivery. Does not include unique shipping circumstances when final product demands shipping outside the state of Florida. Note: Emmissions codes for specific region.	$446.00
TTO	Tag and Title processing and handling fee. Tags are processed at the local tag office and physically picked up for client and affixed to vehicle prior to deliver. Cost includes electronic administrative fee, manual processing courier, and Fedex related expense.	$48.00
TMP	30 Day Florida Temporary Tag. Requires (TTO) Tag/Title Option	$7.00
TX	Transfer Tag Charge: (Florida only) Please send scan of agency registration with tag ID clearly indicated. Requires (TTO) Tag/Title Option, includes (TMP)	$90.00
TAG	New Tag Charge (Florida only) Requires (TTO) Tag/Title option. Specify City, State, or Sheriffs Tag. Includes (TMP)	$125.00
BASE 5/75	Extended Service Plan Base Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$1,855.00
EXTRA 5/75	Extended Service Plan Extra Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$2,150.00
PREMIUM 5/75	Extended Service Plan Premium Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$2,960.00
BASE 5/100	Extended Service Plan Base Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$2,515.00
EXTRA 5/100	Extended Service Plan Extra Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$3,035.00
PREMIUM 5/100	Extended Service Plan Premium Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$3,645.00
DIESELPLAN	Extended Service Plan Base Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$1,965.00
DIESELPLAN	Extended Service Plan Extra Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$2,280.00
DIESELPLAN	Extended Service Plan Premium Care, Zero Deductible. Five Year, 75000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$3,145.00
DIESELPLAN	Extended Service Plan Base Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$2,685.00
DIESELPLAN	Extended Service Plan Extra Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$3,230.00
DIESELPLAN	Extended Service Plan Premium Care, Zero Deductible. Five Year, 100000 Mile. Call Dealer for plan specifics and optional Terms. Price Guide 8/2018	$3,755.00

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)
APPROVE AND ADOPT A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING VARIOUS DEPARTMENTS TO UTILIZE DELL MARKETING LP UNDER THE STATE OF FLORIDA CONTRACT # 43211500-WSCA-15-ACS ENDING MARCH 31, 2020 AND TO EXCEED THE CITY'S VENDOR ANNUAL VENDOR THRESHOLD TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00) FOR THE TERM OF THE CONTRACT; AUTHORIZING SUCH PURCHASES THAT ARE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo - Dell Marketing LP, R-2019- Dell Marketing LP to Exceed 25K FY19-20, State of Florida Agreement - Dell Marketing LP

CITY OF DANIA BEACH
FINANCE DEPARTMENT

MEMORANDUM

DATE: January 2, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, City Manager, ICMA-CM

VIA: Frank DiPaolo, Finance Director

SUBJECT: Approval of a resolution to waive the formal bid process for the purchase of computer equipment, peripherals, and related services and exceed the City's $25,000 vendor threshold using State of Florida contract # 43211500-WSCA-15-ACS

REQUEST

The Finance Department is requesting authorization to waive the formal bid process for the purchase of computer equipment, peripherals, and related services from Dell Marketing LP and exceed the City's $25,000 vendor threshold using State of Florida contract # 43211500-WSCA-15-ACS.

BACKGROUND

The City utilizes Dell Marketing LP for the purchase of computer equipment, peripherals, and related services. Currently, the Information Systems division needs to purchase six (6) laptops for City staff from Dell Marketing LP and, combined with other purchases, exceeds the $25,000 vendor threshold for fiscal year 2019-20, requiring City Commission approval. Additional approval is necessary to waive the formal bid process and authorize purchases from this vendor through the State of Florida contract.

The Finance Department has determined that Dell Marketing LP offers its most competitive pricing through State of Florida contract 43211500-WSCA-15-ACS, and the City of Dania Beach is eligible to participate in the agreement and receive the same pricing and terms. The applicable agreement is included with this memo and expires on March 31, 2020.

Approval of the resolution will permit all City departments to make purchases from Dell Marketing LP without the need for additional approval of the City Commission. The Finance Department/Information Systems will approve all subsequent purchases pursuant to the resolution.

ATTACHMENTS

Resolution
State of Florida Contract # 43211500-WSCA-15-ACS (Participating Addendum)

CITY OF DANIA BEACH
FINANCE DEPARTMENT

MEMORANDUM

BUDGETARY IMPACT

Funds are appropriated and available in the various City department budgets.

RECOMMENDATION

Approve the resolution to waive the formal bid process for the purchase of computer equipment, peripherals, and related services and exceed the City's $25,000 vendor threshold using State of Florida contract # 43211500-WSCA-15-ACS.

RESOLUTION 2020-006

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING VARIOUS DEPARTMENTS TO UTILIZE DELL MARKETING LP UNDER THE STATE OF FLORIDA CONTRACT NO. 43211500-WSCA-15-ACS ENDING MARCH 31, 2020 AND TO EXCEED THE CITY'S ANNUAL VENDOR THRESHOLD TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS ($25,000.00) FOR THE TERM OF THE CONTRACT; AUTHORIZING SUCH PURCHASES THAT ARE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Charter of the City of Dania Beach, Part III, Article 3, Section 4, Subsection (j), authorizes the City Manager to purchase supplies, services, equipment and materials for the City government in amounts in excess of the established monetary threshold without competitive bidding and without advertisement for bids if she is authorized to do so in advance by a resolution adopted by the City Commission, if such purchases are made pursuant to a competitive bid obtained within the last eighteen (18) months by other governmental agencies such as the federal government, State of Florida or the Florida county or municipality; and

WHEREAS, the Dania Beach Code of Ordinances, Chapter 2, Article 1, Section 2-10, "Monetary thresholds for certain purchases and payment disbursement authorizations", Subsection (a), sets the monetary threshold at $25,000.00 for a vendor each fiscal year; and

WHEREAS, the Finance Department and various departments require computer equipment, peripherals, and related services during the term of contract, which may exceed the annual Twenty Five Thousand Dollars ($25,000.00) City purchase threshold for a single vendor and, therefore, requires Commission approval; and

WHEREAS, the City wishes to utilize the State of Florida Contract Number 43211500-WSCA-15-ACS, ending March 31, 2020, attached as Exhibit "A"; and

WHEREAS, the Finance Director has determined that the computer equipment, peripherals, and related services can be obtained at the least cost to the City, without competitive bidding and without advertisement for bids, from Dell Marketing LP under its existing contract number 43211500-WSCA-15-ACS with the State of Florida, a copy of which is made a part of and incorporated into this Resolution by this reference.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the above "Whereas" clauses are ratified and confirmed, and they are made a part of and incorporated into this Resolution by this reference.

Section 2. That the City Commission authorizes execution of the necessary documents for the purchase of computer equipment, peripherals, and related services under its existing contract number 43211500-WSCA-15-ACS with the State of Florida, ending March 31, 2020, attached as "Exhibit A".

Section 3. That all purchases made from Dell Marketing LP shall be subject to approved annual budget appropriations and in accordance with the City's procurement policies, and are authorized to exceed the annual amount of Twenty-Five Thousand Dollars ($25,000.00) purchase threshold for a single vendor.

Section 4. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 5. That this Resolution shall become effective upon its passage and adoption.

PASSED and ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

AMENDMENT NO.: 1 **-** Renewal

PARTICIPATING ADDENDUM
NASPO ValuePoint Cooperative Procurement Program
COMPUTER EQUIPMENT MASTER AGREEMENT
Master Agreement No: MNWNC-101
Dell Marketing LP
And
The State of Florida
Alternate Contract Source No. 43211500-WSCA-15-ACS

This Amendment ("Amendment") effective April 1, 2017, to the Computer Equipment, Peripherals, & Services Contract No. 43211500-WSCA-15-ACS ("Contract"), between the State of Florida, Department of Management Services ("Department") and Dell Marketing LP ("Contractor") are collectively referred to herein as the "Parties." All capitalized terms used herein shall have the meaning assigned to them in the Participating Addendum unless otherwise defined herein.

Contract Renewal. The Department hereby executes its renewal option for a three (3) year period pursuant to Section 287.057(13), Florida Statutes. The new contract expiration date is March 31, 2020.

I. Transaction Fees. The State of Florida, through the Department of Management Services, has instituted MyFloridaMarketPlace, a statewide eProcurement system pursuant to section 287.057(22), Florida Statutes. All payments issued by Customers to registered Vendors for purchases of commodities or contractual services will be assessed Transaction Fees as prescribed by rule 60A-1.031, Florida Administrative Code, or as may otherwise be established by law. Vendors must pay the Transaction Fees and agree to automatic deduction of the Transaction Fees, when automatic deduction becomes available. Vendors will submit any monthly reports required pursuant to the rule. All such reports and payments will be subject to audit. Failure to comply with the payment of the Transaction Fees or reporting of transactions will constitute grounds for declaring the Vendor in default and subject the Vendor to exclusion from business with the State of Florida.

II. Public Records. The Participating Addendum is amended to add the following**:**
If, under this Contract, the Contractor is providing services and is acting on behalf of a public agency as provided by section 119.0701(2)(b), F.S., the Contractor shall:
(a) Keep and maintain public records required by the public agency to perform the service.

(b) Upon request from the public agency's custodian of public records, provide the public agency with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, F.S., or as otherwise provided by law.

(c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the contract term and following completion of the contract if the contractor does not transfer the records to the public agency.

(d) Upon completion of the contract, transfer, at no cost, to the public agency all public records in possession of the Contractor or keep and maintain public records required by the public agency to perform the service. If the contractor transfers all public records to the public agency upon completion of the contract, the contractor shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the contractor keeps and maintains public records upon completion of the contract, the contractor

shall meet all applicable requirements for retaining public records. All records stored electronically must be provided to the public agency, upon request from the public agency's custodian of public records, in a format that is compatible with the information technology systems of the public agency.

IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CONTRACT MANAGER.

III. Annual Appropriation. The Participating Addendum is amended to add the following**:** Pursuant to section 287.0582, F.S., if the ACS binds the State or an agency for the purchase of services or tangible personal property for a period in excess of one fiscal year, the State of Florida's performance and obligation to pay under the ACS is contingent upon an annual appropriation by the Legislature.

IV. Cooperation with the Inspector General. Pursuant to subsection 20.055(5), F.S., Contractor, and any subcontractor to the Contractor, understand and will comply with their duty to cooperate with the Inspector General in any investigation, audit, inspection, review, or hearing. Upon request of the Inspector General or any other authorized State official, the Contractor must provide any type of information the Inspector General deems relevant to the Contractor's integrity or responsibility. Such information may include, but will not be limited to, the Contractor's business or financial records, documents, or files of any type or form that refer to or relate to the Contract. The Contractor will retain such records for five years after the expiration of the Contract, or the period required by the General Records Schedules maintained by the Florida Department of State (available at: http://dos.myflorida.com/library-archives/records-management/general-records-schedules/), whichever is longer. The Contractor agrees to reimburse the State of Florida for the reasonable costs of investigation incurred by the Inspector General or other authorized State of Florida official for investigations of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the State of Florida which results in the suspension or debarment of the Contractor. Such costs will include, but will not be limited to salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees.

V. Conflict. To the extent any of the terms of this Amendment conflict with the terms of the Contract, the terms of this Amendment shall control.

VI. Warrant of Authority. Each person signing this Amendment warrants that he or she is duly authorized to do so and to bind the respective party.

VII. Effect. Unless otherwise modified by this Amendment, all terms and conditions contained in the Contract shall continue in full force and effect.

Contractor Participating Addendum Contact

Name	Katherine Dunay
Address	One Dell Way, Mail Stop RR 1-33, Round Rock, Texas 78682
Telephone	512-723-0818
Fax	512-283-9092
E-mail	Katherine_Dunay@Dell.com

Participating State Contact

Name	Jeremy Williams
Address	Florida Department of Management Services 4050 Esplanade Way, Suite 360, Tallahassee, FL 32399-0950
Telephone	850-414-6740
Fax	850-414-8331
E-mail	Jeremy.Williams@dms.myflorida.com

State of Florida,
Department of Management Services

By: _____

Name: Erin Rock

Title: Chief of Staff

Date: 3-23-17

Dell Marketing LP

By: _____

Name: Charlene L. Wilkinson

Title: Contracts Manager

Date: 3/7/2017

PARTICIPATING ADDENDUM
to the
NASPO ValuePoint Cooperative Procurement Program
COMPUTER EQUIPMENT MASTER AGREEMENT
Administered by the State of Minnesota

Master Agreement No: MNWNC-108

Dell Marketing, L.P.

And
The State of Florida
Dell Contract Code WN08AGW
Alternate Contract Source No. 43211500-WSCA-15-ACS

1. Scope: The State of Minnesota, Department of Administration, Materials Management Division publicly conducted a Request for Proposal on behalf of the State of Minnesota and the National Association of State Procurement Officials Cooperative Procurement Program (NASPO ValuePoint) resulting in Master Agreement number MNWNC-108. The Master Agreement led by the State of Minnesota along with a multi-state sourcing team, was created for use by state agencies and other entities that are authorized by that state's statutes to utilize cooperative agreements, upon written approval of the State's chief procurement official.

   The Master Agreement for computer equipment (desktops, laptops, tablets, servers, and storage, and ruggedized devices, including related peripherals & services) identifies the product bands awarded to the Contractor.

   This Participating Addendum (Addendum) is made and entered into as of the Effective Date by and between the State of Florida (Participating State) and Dell Marketing, L.P. (Contractor). This Addendum allows for purchase of computer equipment from the Master Agreement. This Addendum shall not diminish, change, or impact the rights of the Lead State with regard to the Lead State's contractual relationship with the Contractor under the terms of the Master Agreement.

2. Participation: Use of specific NASPO ValuePoint cooperative agreements by eligible users authorized by a Participating State's statutes are subject to the prior approval of the respective State Chief Procurement Officer. Issues of interpretation and eligibility for participation are solely within the authority of the State Chief Procurement Officer.

3. Order of Precedence:
   In the event of a conflict, the following documents shall have priority in the order set forth below:

   a. This Participating Addendum
   b. Exhibit 2, PUR 1000
   c. Exhibit 1, Minnesota NASPO ValuePoint Master Agreement No. MNWNC-108.

   Contractor Modifications or Additions to terms and conditions. Notwithstanding any term to the contrary in Exhibit 2:

   a. Returns and Exchanges. Additional fees, including up to a 15% restocking fee, may apply. Dell will

notify eligible user if such fees apply upon receipt of return request.

b. Software Licensing. The terms of the Master Agreement shall be the controlling terms with respect to Software licensing.

c. Payment. Eligible User will make every effort to notify the Contractor within thirty (30) calendar days following delivery of non-acceptance of a Product or completion of Service. In the event that the Contractor has not been notified within 30 calendar days from delivery of Product or completion of Service, the Product and Services will be deemed accepted on the 31st day after delivery of Product or completion of Services.

d. Subcontracting. Contractor may retain subcontractors from time to time in the ordinary course of business to perform imaging or Custom Factory Integration, warranty, break/fix, administrative and back office services, provided that such subcontractors will not have access to Eligible User's confidential data (other than billing and contact information) and provided that Contractor shall remain responsible for the performance of its obligations under this Addendum.

e. Delivery. F.O.B. Destination. Title and risk of loss pass to customer upon delivery. Dell standard 3-5 day ground shipping and handling will be paid for by Contractor. There may be additional fees for custom shipping or delivery requests, including but not limited to inside delivery, which will be quoted to customer upon request.

5. Participating State Modifications or Additions to Master Agreement:

A. Upon execution of this Addendum, all eligible users may purchase products and services under contract using the Florida alternate contract source number 43211500-WSCA-15-ACS. Eligible users acknowledge and agree to be bound by the terms and conditions of the Master Agreement except as otherwise specified in this Addendum.

1. The following are modifications to the Master Agreement:

a. PUR 1000 Form:, General Contract Conditions, is attached hereto and incorporated herein as Exhibit 2

b. Discriminatory Vendors. A vendor placed on the discriminatory vendor list pursuant to section 287.134 of the Florida Statutes may not be awarded or perform work as a contractor, supplier, sub-contractor, or consultant under a contract with any public entity; or transact business with any public entity.

c. Effective Date: This Addendum shall become effective on the last date signed below and is

coterminous with Exhibit 1, unless terminated earlier by the Participating State.

d. Vendor Registration and Transaction Fees: In order to complete any transaction between an eligible user and the Contractor, the Contractor must be registered with the Department of State, Division of Corporations (www.sunbiz.org) and in MyFloridaMarketPlace. Section 287.042(1)(h), Florida Statutes, and Rule 60A-1.031, Florida Administrative Code, is hereby incorporated by reference. All transactions are subject to a transaction fee pursuant to the rule. This fee amount will be adjusted to the Contractor's Master Agreement pricing and not invoiced or charged to the Eligible User.

e. Purchases: In order to procure products and services hereunder, eligible users shall issue purchase orders or use a purchasing card which shall reference Florida alternate contract source number 43211500-WSCA-15-ACS. Use of a purchasing-card is permitted at the time of order placement only, and not permitted for payment of invoices issued by Contractor. Eligible users are responsible for reviewing the terms and conditions of this Addendum including all Exhibits.

f. Compliance with Laws: The Contractor shall comply with all laws, rules, codes, ordinances, and licensing requirements that are applicable to the conduct of its business, including those of federal, State, and local agencies having jurisdiction and authority. By way of non-exhaustive example, Chapter 287 of the Florida Statutes and Rule 60A-1 of the Florida Administrative Code govern this Addendum. By way of further non-exhaustive example, the Contractor shall comply with section 274A of the Immigration and Nationalization Act, the Americans with Disabilities Act, and all prohibitions against discrimination on the basis of race, religion, sex, creed, national origin, handicap, marital status, or veteran's status. Violation of any laws, rules, codes, ordinances, or licensing requirements shall be grounds for termination or nonrenewal of this Addendum.

g. Additional Eligible User Terms: If any additional ordinance, rule, or other local governmental authority requires additional contract language before an eligible user can make a purchase under this Addendum, the eligible user is responsible for entering a separate agreement with the Contractor and capturing that additional contract language therein.

h. Provisions of section 287.058, Florida Statutes: The provisions of section 287.058(1)(a)- (c) and (g), Florida Statutes, are hereby incorporated by reference.

i. Public Records: The Contractor shall allow public access to all documents, papers, letters, or other material made or received by the Contractor in conjunction with this Addendum,

unless the records are exempt from section 24(a) of Article I of the State Constitution or subsection 119.07(1), Florida Statutes. The Participating State may unilaterally terminate this Addendum if the Contractor refuses to allow public access as required in this section. If, under this Addendum, the Contractor is providing services and is acting on behalf of the public agency as provided under subsection 119.011(2), Florida Statutes, the Contractor must:

(1) Keep and maintain public records that ordinarily and necessarily would be required by the public agency in order to perform the service.
(2) Provide the public with access to public records on the same terms and conditions that the public agency would provide the records and at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law.
(3) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law.
(4) Meet all requirements for retaining public records and transfer, at no cost, to the public agency all public records in possession of the Contractor upon termination of this Addendum and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. All records stored electronically must be provided to public agency in a format that is compatible with the information technology systems of the Department.

j. The State of Florida's performance and obligation to pay under this Addendum is contingent upon an annual appropriation by the Legislature. The vendor shall comply with section 11.062, Florida Statutes and section 216.347, Florida Statutes, prohibiting use of funds to lobby the Legislature, Judicial, or state agencies.

B. Contract Document: This Addendum and its Exhibits set forth the entire agreement between the parties with respect to the subject matter of the contract.

C. Intellectual Property: The parties do not anticipate that any intellectual property will be developed as a result of this Addendum. However, unless specified otherwise in the Statement of Work entered into by Dell and the Eligible User, the rights, title and interest in any deliverables or intellectual property developed as a result of this Addendum shall be subject to the terms of Section 30 of the Master Agreement

D. Employment Eligibility Verification: Pursuant to State of Florida Executive Orders Nos.: 11-02 and 11-116, Contractor is required to utilize the U.S. Department of Homeland Security's E- Verify system to verify the employment of all new employees hired by the Contractor during the contract term. Also, Contractor shall require resellers/partners performing work or providing services under this Addendum to utilize the E-Verify system to verify employment of all new employees hired by the reseller/partner during the Addendum term.

E. Price List/Preferred Price: The Contractor's price list will be the same as the WSCA-NASPO price list, and the Department will post a link on the Department's website to the price list posted on the WSCA-NASPO website. Contractors are encouraged to provide special pricing and/or tiered discount rates applicable to State of Florida Eligible Users wherever possible. Paragraph 4(b) of the PUR1000 is not applicable.

F. Scrutinized Company List: In executing this Addendum, Contractor certifies that it is not listed on either the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to section 215.473, Florida Statutes. Pursuant to subsection 287.135(5), Florida Statutes, Contractor agrees the Participating State may immediately terminate this Addendum for cause if the Contractor is found to have submitted a false certification or if Contractor is placed on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List during the term of the Addendum.

G. Orders: Any Order placed by eligible users under this Participating Addendum referencing Alternate Contract Source No. 43211500-WSCA-15-ACS for a product and/or service available from the Master Agreement shall be deemed to be a sale under and governed by the prices and other terms and conditions of the Master Agreement and this Addendum unless the parties to the Order agree in writing that another contract or agreement applies to such Order.

1. The Contractor agrees to meet the following requirements:
   a. Provide appropriate contact information for eligible users to use for product and/or service inquiries and purchases, as well as, the most up-to-date product/service offering the Contractor is authorized to provide in accordance with the Master Agreement; and
   b. If orders are to be sent to resellers/partners for fulfillment then the Contractor is

responsible for providing and updating this list of authorized resellers/partners for use to the Participating State/Entity.

2. Contractor must be able to accept purchase orders via fax, e-mail, or cXML as identified in H.1 below.

H. Electronic Invoicing: The Contractor shall supply electronic invoices in lieu of paper-based invoices for those transactions processed through the MyFloridaMarketPlace (MFMP) within ninety (90) days from Addendum effective date. Electronic invoices shall be submitted to the agency through the Ariba Network (AN) in one of three mechanisms as listed below:

1. cXML (commerce eXtensible Markup Language)
This standard establishes the data contents required for invoicing via cXML within the context of an electronic environment. This transaction set can be used for invoicing via the AN for catalog and non-catalog goods and services. The cXML format is the Ariba preferred method for e-Invoicing.
2. EDI (Electronic Data Interchange)
This standard establishes the data contents of the Invoice Transaction Set (810) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set can be used for invoicing via the AN for catalog and non-catalog goods and services.
3. PO Flip via AN
The online process allows Contractors to submit invoices via the AN for catalog and non-catalog goods and services. Contractors have the ability to create an invoice directly from their Inbox in their AN account by simply "flipping" the PO into an invoice. This option does not require any special software or technical capabilities.

For the purposes of this section, the Contractor warrants and represents that it is authorized and empowered to and hereby grants the State and the third party provider of MFMP, a state contractor, the right and license to use, reproduce, transmit, distribute, and publicly display within the system the information outlined above. In addition, the Contractor warrants and represents that it is authorized and empowered to and hereby grants the State and the third party provider the right and license to reproduce and display within the system the Contractor's trademarks, system marks, logos, trade dress, or other branding designation that identifies the products made available by the Contractor under the contract.

The Contractor will work with the MFMP management team to obtain specific requirements for the electronic invoicing if needed.

I. Contract Quarterly Reports: The Contractor shall submit a Quarterly Report in the Standard Report Format and with the Data Elements, described below, electronically to the Participating State/Entity within 30 days of the end of the quarter. The Contractor will cooperate with Participating State/Entity to accommodate reasonable requests for additional reports within 30 days written notice of such request, provided such additional reports are within Contractor's standard reporting capabilities with respect to data elements and format ("Contractor Standard Reports"). Custom reports not within Contractor's standard reporting capabilities may be available upon request for a reasonable fee to be quoted upon Contractor's review of the request. Failure to provide the Quarterly Report or other Contractor Standard Reports reasonably requested by the Participating State/Entity may result in the Contractor being found in default and may result in termination of this Addendum.

Sales will be reviewed on a quarterly basis. Should no sales be recorded in two consecutive contract quarters, the Participating State/Entity may terminate this Addendum.

Standard Report Format and Data Elements: Contractor shall report detailed sales data under this Participating Addendum in the format as required under the Master Agreement. Data elements on such report include:

- State;
- Entity/customer type, e.g., local government, higher education, K12, non-profit;
- Purchasing Entity name;
- Purchasing Entity bill-to and ship-to locations;
- Purchasing Entity and Contractor Purchase Order identifier/number(s);
- Purchase Order Type (e.g., sales order, credit, return, upgrade, determined by industry practices);
- Purchase Order date;
- Ship Date; and
- Line item description, including product number if used. The report shall be submitted.

Reports shall be delivered to the Participating State/Entity electronically through email; CD-Rom, jump drive or other electronic matter as determined by the Participating State/Entity.

J. Business Review Meetings: The Participating State/Entity reserves the right to schedule business review meetings as frequently as necessary. The Participating State/Entity will provide the format for the Contractor's agenda. Prior to the meeting, the Contractor shall submit the completed agenda to the Participating State/Entity for review and acceptance. The Contractor shall address the agenda items and any of the Participating State/Entity's additional concerns at the meeting. Failure to comply with this section may result in the Contractor being found in default and Addendum termination.

K. Commitment to Diversity in Government Contracting: The State of Florida is committed to supporting its diverse business industry and population through ensuring participation by minority-, women-, wartime-, and service-disabled veteran business enterprises in the economic life of the State. The State of Florida Mentor Protégé Program connects minority-, women-, wartime-, and service-disabled veteran business enterprises with private corporations for business development mentoring. We strongly encourage firms doing business with the State of Florida to consider this initiative. For more information on the Mentor Protégé Program, please contact the Office of Supplier Diversity at (850) 487-0915 or osdhelp@dms.myflofida.com.

Upon request, the Contractor shall report to the Office of Supplier Diversity spend with certified and other minority business enterprises. These reports will include the period covered, the name, minority code and Federal Employer Identification Number of each minority vendor utilized during the period. Commodities and services provided by the minority business enterprise, and the amount paid to each minority vendor on behalf of each purchasing agency ordering under the terms of this Addendum.

L. Resellers/Partners: The Contractor may use resellers/agents in order to provide computer equipment and services. All resellers/partners shall be the direct responsibility of the Contractor. The Contractor is responsible for all liability, terms and conditions within Master Agreement and this Addendum. The Contractor shall make all determinations about which entities in the State of Florida that the Contractor authorized reseller/agent may support. The Contractors resellers/agents' participation will be in accordance with the terms and conditions set forth in the

aforementioned Master Agreement and this Addendum. If a reseller/agent is authorized to conduct business on behalf of the Contractor and the reseller/agent is to receive compensation from the Contractor for its services, then any dispute between the Contractor and the reseller/agent shall be resolved between the Contractor and the reseller/agent. The State of Florida is not a party to any agreement entered into between the Contractor and its resellers/agents. The Contractor shall be responsible to report all contract sales (and pay any associated MFMP transaction fees), including those of any such resellers/partners and shall ensure that all such resellers/partners meet the following requirements:

- Have an ACTIVE Registration with the Florida Department of State, Division of Corporations (www.sunbiz.org)
- Registered in the MFMP Vendor Information Portal (https://vendor.myfloridamarketplace.com)
- Not be on the State of Florida's Convicted, Suspended, or Discriminatory lists http://www.dms.myflorida.com/business_operations/State_purchasing/vendor_information/convicted_suspended_discriminatory_complaints_vendor_lists
- Have a copy of e-Verify Status on file
- Have a current W-9 filed with the Florida Department of Financial Services (https://flvendor.myfloridacfo.com)

Contractor authorized Resellers shall provide quotes, accept purchase orders, and accept payment from entities ordering under this Participating Addendum.

Contractor authorized Agents are authorized to provide quotes, sales assistance, configuration guidance and ordering support for hardware, software and services available this Participating Addendum. Contractor authorized Agents ARE NOT authorized to accept orders, purchase orders or payment from entities ordering under this Participating Addendum.

M. Primary Contacts: The primary government contact individuals for this Addendum are as follows (or their named successors):

PARTICIPATING ADDENDUM
to the
NASPO ValuePoint Cooperative Procurement Program
COMPUTER EQUIPMENT MASTER AGREEMENT
Administered by the State of Minnesota

Master Agreement No: MNWNC-108

Dell Marketing, L.P.

And
The State of Florida
Dell Contract Code WN08AGW
Alternate Contract Source No. 43211500-WSCA-15-ACS

Contractor

Name	Katherine Dunay
Address	Dell Marketing, L.P. One Dell Way, Mailstop RR1-33Round Rock, TX 78682
Telephone	512-728-4805
E-mail	Katherine_Dunay@dell.com

Participating Entity

Name	Jerilyn Bailey
Address	Florida Department of Management Services 4050 Esplanade Way, Suite 360, Tallahassee, FL 32399-0950
Telephone	850-921-4072
E-mail	jerilyn.bailey@dms.myflorida.com

N. Warrant of Authority: Each person signing this Addendum warrants that he or she is duly authorized to do so and to bind the respective party.

6. Lease Agreements. Leasing is allowed under this Master Agreement pursuant to Paragraph 39 of the PUR1000, and the separately negotiated Dell Financial Services L. L.C. Master Lease Agreement for those entities utilizing this Participating Addendum who are authorized to enter into lease agreements under applicable law. Any assignment by an eligible user of its purchase order to a third-party financing company (other than Dell Financial Services, LLC) must be approved in advance in writing by Contractor, and in no case shall any such approval excuse eligible user from its obligations hereunder.

7. Terms. The Participating State is agreeing to the terms of the Master Agreement only to the extent the terms are not in conflict with applicable law.

IN WITNESS WHEREOF, the parties have executed this Addendum as of the date of execution by Contractor below.

PARTICIPATING ADDENDUM
to the
NASPO ValuePoint Cooperative Procurement Program
COMPUTER EQUIPMENT MASTER AGREEMENT
Administered by the State of Minnesota

Master Agreement No: MNWNC-108

Dell Marketing, L.P.

And
The State of Florida
Dell Contract Code WN08AGW
Alternate Contract Source No. 43211500-WSCA-15-ACS

Participating State: Florida	**Contractor:** Dell Marketing LP
By:	By:
Name: Erin Reed	Name: Lauren D. Newberry
Title:	Title: Contracts Consultant
Date: 9-2-15	Date: 8/14/2015

Florida's Chief Procurement Officer:
By:
Name: Roz Ingram
Title: Director of State Purchasing and Chief Procurement Officer
Date: 9/2/15

Please email fully executed PDF copy of this document to PA@naspovaluepoint.org to support documentation of participation and posting in appropriate data bases.

State of Florida
PUR 1000
General Contract Conditions

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46. Execution in Counterparts.
47. Severability.

1. Definitions. The definitions contained in s. 60A-1.001, F.A.C. shall apply to this agreement. The following additional terms are also defined:

(a) "Contract" means the legally enforceable agreement that results from a successful solicitation. The parties to the Contract will be the Customer and Contractor.

(b) "Customer" means the State agency or other entity identified in a contract as the party to receive commodities or contractual services pursuant to a contract or that orders commodities or contractual services via purchase order or other contractual instrument from the Contractor under the Contract. The "Customer" may also be the "Buyer" as defined in the PUR 1001 if it meets the definition of both terms.

(c) "Product" means any deliverable under the Contract, which may include commodities, services, technology or software.

(d) "Purchase order" means the form or format a Customer uses to make a purchase under the Contract (e.g., a formal written purchase order, electronic purchase order, procurement card, contract or other authorized means).

2. Purchase Orders. In contracts where commodities or services are ordered by the Customer via purchase order, Contractor shall not deliver or furnish products until a Customer transmits a purchase order. All purchase orders shall bear the Contract or solicitation number, shall be placed by the Customer directly with the Contractor, and shall be deemed to incorporate by reference the Contract and solicitation terms and conditions. Any discrepancy between the Contract terms and the terms stated on the Contractor's order form, confirmation, or acknowledgement shall be resolved in favor of terms most favorable to the Customer. A purchase order for services within the ambit of section 287.058(1) of the Florida Statutes shall be deemed to incorporate by reference the requirements of subparagraphs (a) through (f) thereof. Customers shall designate a contract manager and a contract administrator as required by subsections 287.057(15) and (16) of the Florida Statutes.

3. Product Version. Purchase orders shall be deemed to reference a manufacturer's most recently release model or version of the product at the time of the order, unless the Customer specifically requests in writing an earlier model or version and the contractor is willing to provide such model or version.

4. Price Changes Applicable only to Term Contracts. If this is a term contract for commodities or services, the following provisions apply.

(a) Quantity Discounts. Contractors are urged to offer additional discounts for one time delivery of large single orders. Customers should seek to negotiate additional price concessions on quantity purchases of any products offered under the Contract. State Customers shall document their files accordingly.

(b) Best Pricing Offer. ~~During the Contract term, if the Customer becomes aware of better pricing offered by the Contractor for substantially the same or a smaller quantity of a product outside the Contract, but upon the same or similar terms of the Contract, then at the discretion of the Customer the price under the Contract shall be immediately reduced to the lower price.~~ This section is not applicable in accordance with Section 5(E) of the Participating

Addendum.

(c) Sales Promotions. In addition to decreasing prices for the balance of the Contract term due to a change in market conditions, a Contractor may conduct sales promotions involving price reductions for a specified lesser period. A Contractor shall submit to the Contract Specialist documentation identifying the proposed (1) starting and ending dates of the promotion, (2) products involved, and (3) promotional prices compared to then-authorized prices. Promotional prices shall be available to all Customers. Upon approval, the Contractor shall provide conspicuous notice of the promotion.

(d) Trade-In. Customers may trade-in equipment when making purchases from the Contract. A trade-in shall be negotiated between the Customer and the Contractor. Customers are obligated to actively seek current fair market value when trading equipment, and to keep accurate records of the process. For State agencies, it may be necessary to provide documentation to the Department of Financial Services and to the agency property custodian pursuant to Chapter 273, F.S.

(e) Equitable Adjustment. The Customer may, in its sole discretion, make an equitable adjustment in the Contract terms or pricing if pricing or availability of supply is affected by extreme and unforeseen volatility in the marketplace, that is, by circumstances that satisfy all the following criteria: (1) the volatility is due to causes wholly beyond the Contractor's control, (2) the volatility affects the marketplace or industry, not just the particular Contract source of supply, (3) the effect on pricing or availability of supply is substantial, and (4) the volatility so affects the Contractor that continued performance of the Contract would result in a substantial loss.

5. Additional Quantities. For a period not exceeding ninety (90) days from the date of solicitation award, the Customer reserves the right to acquire additional quantities up to the amount shown on the solicitation but not to exceed the threshold for Category Two at the prices submitted in the response to the solicitation.

6. Packaging. Tangible product shall be securely and properly packed for shipment, storage, and stocking in appropriate, clearly labeled, shipping containers and according to accepted commercial practice, without extra charge for packing materials, cases, or other types of containers. All containers and packaging shall become and remain Customer's property.

7. Inspection at Contractor's Site. The Customer reserves the right to inspect, at any reasonable time with prior notice, the equipment or product or plant or other facilities of a Contractor to assess conformity with Contract requirements and to determine whether they are adequate and suitable for proper and effective Contract performance.

8. Safety Standards. All manufactured items and fabricated assemblies subject to operation under pressure, operation by connection to an electric source, or operation involving connection to a manufactured, natural, or LP gas source shall be constructed and approved in a manner acceptable to the appropriate State inspector. Acceptability customarily requires, at a minimum, identification marking of the appropriate safety standard organization, where such approvals of listings have been established for the type of device offered and furnished, for example: the American Society of Mechanical Engineers for pressure vessels; the Underwriters Laboratories and/or National Electrical Manufacturers' Association for electrically operated assemblies; and the American Gas Association for gas-operated assemblies. In addition, all items furnished shall meet all applicable requirements of the Occupational Safety and Health Act and state and federal requirements relating to clean air and water pollution.

9. Americans with Disabilities Act. Contractors should identify any products that may be used or adapted for use by visually, hearing, or other physically impaired individuals.

10. Literature. Upon request, the Contractor shall furnish literature reasonably related to the product offered, for example, user manuals, price schedules, catalogs, descriptive brochures, etc.

11. Transportation and Delivery. Prices shall include all charges for packing, handling, freight, distribution, and inside delivery. Transportation of goods shall be FOB Destination to any point within thirty (30) days after the Customer places an Order. A Contractor, within five (5) days after receiving a purchase order, shall notify the Customer of any potential delivery delays. Evidence of inability or intentional delays shall be cause for Contract cancellation and Contractor suspension.

12. Installation. Where installation is required, Contractor shall be responsible for placing and installing the product in the required locations at no additional charge, unless otherwise designated on the Contract or purchase order. Contractor's authorized product and price list shall clearly and separately identify any additional installation charges. All materials used in the installation shall be of good quality and shall be free of defects that would diminish the appearance of the product or render it structurally or operationally unsound. Installation includes the furnishing of any equipment, rigging, and materials required to install or replace the product in the proper location. Contractor shall protect the site from damage and shall repair damages or injury caused during installation by Contractor or its employees or agents. If any alteration, dismantling, excavation, etc., is required to achieve installation, the Contractor shall promptly restore the structure or site to its original condition. Contractor shall perform installation work so as to cause the least inconvenience and interference with Customers and with proper consideration of others on site. Upon completion of the installation, the location and surrounding area of work shall be left clean and in a neat and unobstructed condition, with everything in satisfactory repair and order.

13. Risk of Loss. Matters of inspection and acceptance are addressed in s. 215.422, F.S. Until acceptance, risk of loss or damage shall remain with the Contractor. The Contractor shall be responsible for filing, processing, and collecting all damage claims. To assist the Contractor with damage claims, the Customer shall: record any evidence of visible damage on all copies of the delivering carrier's Bill of Lading; report damages to the carrier and the Contractor; and provide the Contractor with a copy of the carrier's Bill of Lading and damage inspection report. When a Customer rejects a product, Contractor shall remove it from the premises within ten days after notification or rejection. Upon rejection notification, the risk of loss of rejected or non-conforming product shall remain with the Contractor. Rejected product not removed by the Contractor within ten days shall be deemed abandoned by the Contractor, and the Customer shall have the right to dispose of it as its own property. Contractor shall reimburse the Customer for costs and expenses incurred in storing or effecting removal or disposition of rejected product.

14. Transaction Fee. The State of Florida has instituted MyFloridaMarketPlace, a statewide eProcurement System ("System"). Pursuant to section 287.057(23), Florida Statutes (2002), all payments shall be assessed a Transaction Fee of one percent (1.0%), which the Contractor shall pay to the State, unless exempt pursuant to 60A-1.032, F.A.C.

For payments within the State accounting system (FLAIR or its successor), the Transaction Fee shall, when possible, be automatically deducted from payments to the Contractor. If automatic deduction is not possible, the Contractor shall pay the Transaction Fee pursuant to Rule 60A-1.031(2), F.A.C. By submission of these reports and corresponding payments, Contractor certifies their correctness. All such reports and payments shall be subject to audit by the State or its designee.

Contractor shall receive a credit for any Transaction Fee paid by the Contractor for the purchase of any item(s) if such item(s) are returned to the Contractor through no fault, act, or omission of the Contractor. Notwithstanding the foregoing, a Transaction Fee is non-refundable when an item is rejected or returned, or declined, due to the Contractor's failure to perform or comply with specifications or requirements of the agreement.

Failure to comply with these requirements shall constitute grounds for declaring the Contractor in default and recovering reprocurement costs from the Contractor in addition to all outstanding fees. **CONTRACTORS DELINQUENT IN PAYING TRANSACTION FEES MAY BE SUBJECT TO BEING REMOVED FROM THE DEPARTMENT OF MANAGEMENT SERVICES' VENDOR LIST AS PROVIDED IN RULE 60A-1.006, F.A.C.**

15. Invoicing and Payment. Invoices shall contain the Contract number, purchase order number if applicable, and the appropriate vendor identification number. The State may require any other information from the Contractor that the State deems necessary to verify any purchase order placed under the Contract.

At the State's option, Contractors may be required to invoice electronically pursuant to guidelines of the Department of Management Services. Current guidelines require that Contractor supply electronic invoices in lieu of paper-based invoices for those transactions processed through the system. Electronic invoices shall be submitted to the Customer through the Ariba Supplier Network (ASN) in one of the following mechanisms – EDI 810, cXML, or web-based invoice entry within the ASN.

Payment shall be made in accordance with sections 215.422 and 287.0585 of the Florida Statutes, which govern time limits for payment of invoices. Invoices that must be returned to a Contractor due to preparation errors will result in a delay in payment. Contractors may call (850) 413-7269 Monday through Friday to inquire about the status of payments by State Agencies. The Customer is responsible for all payments under the Contract. A Customer's failure to pay, or delay in payment, shall not constitute a breach of the Contract and shall not relieve the Contractor of its obligations to the Department or to other Customers.

16. Taxes. The State does not pay Federal excise or sales taxes on direct purchases of tangible personal property. The State will not pay for any personal property taxes levied on the Contractor or for any taxes levied on employees' wages. Any exceptions to this paragraph shall be explicitly noted by the Customer in the special contract conditions section of the solicitation or in the Contract or purchase order.

17. Governmental Restrictions. If the Contractor believes that any governmental restrictions have been imposed that require alteration of the material, quality, workmanship or performance of the products offered under the Contract, the Contractor shall immediately notify the Customer in writing, indicating the specific restriction. The Customer reserves the right and the complete discretion to accept any such alteration or to cancel the Contract at no further expense to the Customer.

18. Lobbying and Integrity. Customers shall ensure compliance with Section 11.062, FS and Section 216.347, FS. The Contractor shall not, in connection with this or any other agreement with the State, directly or indirectly (1) offer, confer, or agree to confer any pecuniary benefit on anyone as consideration for any State officer or employee's decision, opinion, recommendation, vote, other exercise of discretion, or violation of a known legal duty, or (2) offer, give, or agree to give to anyone any gratuity for the benefit of, or at the direction or request of, any State officer or employee. For purposes of clause (2), "gratuity" means any payment of more than nominal monetary value in the form of cash, travel, entertainment, gifts, meals, lodging, loans, subscriptions, advances, deposits of money, services, employment, or contracts of any kind . Upon request of the Customer's Inspector General, or other authorized State official, the Contractor shall provide any type of information the Inspector General deems relevant to the Contractor's integrity or responsibility. Such information may include, but shall not be limited to, the Contractor's business or financial records, documents, or files of any type or form that refer to or relate to the Contract. The Contractor shall retain such records for the longer of (1) three years after the expiration of the Contract or (2) the period required by the General Records Schedules maintained by the Florida Department of State (available at: http://dlis.dos.state.fl.us/barm/genschedules/gensched.htm). The Contractor agrees to reimburse the State for the reasonable costs of investigation incurred by the Inspector General or other authorized State official for investigations

of the Contractor's compliance with the terms of this or any other agreement between the Contractor and the State which results in the suspension or debarment of the Contractor. Such costs shall include, but shall not be limited to: salaries of investigators, including overtime; travel and lodging expenses; and expert witness and documentary fees. The Contractor shall not be responsible for any costs of investigations that do not result in the Contractor's suspension or debarment.

19. Indemnification. The Contractor shall be fully liable for the actions of its agents, employees, partners, or subcontractors and shall fully indemnify, defend, and hold harmless the State and Customers, and their officers, agents, and employees, from suits, actions, damages, and costs of every name and description, including attorneys' fees, arising from or relating to personal injury and damage to real or personal tangible property alleged to be caused in whole or in part by Contractor, its agents, employees, partners, or subcontractors, provided, however, that the Contractor shall not indemnify for that portion of any loss or damages proximately caused by the negligent act or omission of the State or a Customer.

Further, the Contractor shall fully indemnify, defend, and hold harmless the State and Customers from any suits, actions, damages, and costs of every name and description, including attorneys' fees, arising from or relating to violation or infringement of a trademark, copyright, patent, trade secret or intellectual property right, provided, however, that the foregoing obligation shall not apply to a Customer's misuse or modification of Contractor's products or a Customer's operation or use of Contractor's products in a manner not contemplated by the Contract or the purchase order. If any product is the subject of an infringement suit, or in the Contractor's opinion is likely to become the subject of such a suit, the Contractor may at its sole expense procure for the Customer the right to continue using the product or to modify it to become non-infringing. If the Contractor is not reasonably able to modify or otherwise secure the Customer the right to continue using the product, the Contractor shall remove the product and refund the Customer the amounts paid in excess of a reasonable rental for past use. The customer shall not be liable for any royalties.

The Contractor's obligations under the preceding two paragraphs with respect to any legal action are contingent upon the State or Customer giving the Contractor (1) written notice of any action or threatened action, (2) the opportunity to take over and settle or defend any such action at Contractor's sole expense, and (3) assistance in defending the action at Contractor's sole expense. The Contractor shall not be liable for any cost, expense, or compromise incurred or made by the State or Customer in any legal action without the Contractor's prior written consent, which shall not be unreasonably withheld.

20. Limitation of Liability. For all claims against the Contractor under any contract or purchase order, and regardless of the basis on which the claim is made, the Contractor's liability under a contract or purchase order for direct damages shall be limited to the greater of $100,000, the dollar amount of the contract or purchase order, or two times the charges rendered by the Contractor under the purchase order. This limitation shall not apply to claims arising under the Indemnity paragraph contain in this agreement.

Unless otherwise specifically enumerated in the Contract or in the purchase order, no party shall be liable to another for special, indirect, punitive, or consequential damages, including lost data or records (unless the contract or purchase order requires the Contractor to back-up data or records), even if the party has been advised that such damages are possible . No party shall be liable for lost profits, lost revenue, or lost institutional operating savings. The State and Customer may, in addition to other remedies available to them at law or equity and upon notice to the Contractor, retain such monies from amounts due Contractor as may be necessary to satisfy any claim for damages, penalties, costs and the like asserted by or against them. The State may set off any liability or other obligation of the Contractor or its affiliates to the State against any payments due the Contractor under any contract with the State.

21. Suspension of Work. The Customer may in its sole discretion suspend any or all activities under the Contract or purchase order, at any time, when in the best interests of the State to do so. The Customer shall provide the Contractor written notice outlining the particulars of suspension. Examples of the reason for suspension include, but are not limited to, budgetary constraints, declaration of emergency, or other such circumstances. After receiving a suspension notice, the Contractor shall comply with the notice and shall not accept any purchase orders. Within ninety days, or any longer period agreed to by the Contractor, the Customer shall either (1) issue a notice authorizing resumption of work, at which time activity shall resume, or (2) terminate the Contract or purchase order. Suspension of work shall not entitle the Contractor to any additional compensation.

22. Termination for Convenience. The Customer, by written notice to the Contractor, may terminate the Contract in whole or in part when the Customer determines in its sole discretion that it is in the State's interest to do so. The Contractor shall not furnish any product after it receives the notice of termination, except as necessary to complete the continued portion of the Contract, if any. The Contractor shall not be entitled to recover any cancellation charges or lost profits.

23. Termination for Cause. The Customer may terminate the Contract if the Contractor fails to (1) deliver the product within the time specified in the Contract or any extension, (2) maintain adequate progress, thus endangering performance of the Contract, (3) honor any term of the Contract, or (4) abide by any statutory, regulatory, or licensing requirement. Rule 60A-1.006(3), F.A.C., governs the procedure and consequences of default. The Contractor shall continue work on any work not terminated. Except for defaults of subcontractors at any tier, the Contractor shall not be liable for any excess costs if the failure to perform the Contract arises from events completely beyond the control, and without the fault or negligence, of the Contractor. If the failure to perform is caused by the default of a subcontractor at any tier, and if the cause of the default is completely beyond the control of both the Contractor and the subcontractor, and without the fault or negligence of either, the Contractor shall not be liable for any excess costs for failure to perform, unless the subcontracted products were obtainable from other sources in sufficient time for the Contractor to meet the required delivery schedule. If, after termination, it is determined that the Contractor was not in default, or that the default was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Customer. The rights and remedies of the Customer in this clause are in addition to any other rights and remedies provided by law or under the Contract.

24. Force Majeure, Notice of Delay, and No Damages for Delay. The Contractor shall not be responsible for delay resulting from its failure to perform if neither the fault nor the negligence of the Contractor or its employees or agents contributed to the delay and the delay is due directly to acts of God, wars, acts of public enemies, strikes, fires, floods, or other similar cause wholly beyond the Contractor's control, or for any of the foregoing that affect subcontractors or suppliers if no alternate source of supply is available to the Contractor. In case of any delay the Contractor believes is excusable, the Contractor shall notify the Customer in writing of the delay or potential delay and describe the cause of the delay either (1) within ten (10) days after the cause that creates or will create the delay first arose, if the Contractor could reasonably foresee that a delay could occur as a result, or (2) if delay is not reasonably foreseeable, within five (5) days after the date the Contractor first had reason to believe that a delay could result . **THE FOREGOING SHALL CONSTITUTE THE CONTRACTOR'S SOLE REMEDY OR EXCUSE WITH RESPECT TO DELAY.** Providing notice in strict accordance with this paragraph is a condition precedent to such remedy. No claim for damages, other than for an extension of time, shall be asserted against the Customer. The Contractor shall not be entitled to an increase in the Contract price or payment of any kind from the Customer for direct, indirect, consequential, impact or other costs, expenses or damages, including but not limited to costs of acceleration or inefficiency, arising because of delay, disruption, interference, or hindrance from any cause whatsoever. If performance is suspended or delayed, in whole or in part, due to any of the causes described in this paragraph, after the causes have ceased to exist the Contractor shall perform at no increased cost, unless the Customer determines, in its sole discretion, that the delay will significantly impair the value of the Contract to the State or to Customers, in which case the Customer may (1) accept allocated

performance or deliveries from the Contractor, provided that the Contractor grants preferential treatment to Customers with respect to products subjected to allocation, or (2) purchase from other sources (without recourse to and by the Contractor for the related costs and expenses) to replace all or part of the products that are the subject of the delay, which purchases may be deducted from the Contract quantity, or (3) terminate the Contract in whole or in part.

25. Changes. The Customer may unilaterally require, by written order, changes altering, adding to, or deducting from the Contract specifications, provided that such changes are within the general scope of the Contract. The Customer may make an equitable adjustment in the Contract price or delivery date if the change affects the cost or time of performance. Such equitable adjustments require the written consent of the Contractor, which shall not be unreasonably withheld. If unusual quantity requirements arise, the Customer may solicit separate bids to satisfy them.

26. Renewal. Upon mutual agreement, the Customer and the Contractor may renew the Contract, in whole or in part, for a period that may not exceed 3 years or the term of the contract, whichever period is longer. Any renewal shall specify the renewal price, as set forth in the solicitation response. The renewal must be in writing and signed by both parties, and is contingent upon satisfactory performance evaluations and subject to availability of funds.

27. Purchase Order Duration. Purchase orders issued pursuant to a state term or agency contract must be received by the Contractor no later than close of business on the last day of the contract's term to be considered timely. The Contractor is obliged to fill those orders in accordance with the contract's terms and conditions. Purchase orders received by the contractor after close of business on the last day of the state term or agency contract's term shall be considered void.

Purchase orders for a one-time delivery of commodities or performance of contractual services shall be valid through the performance by the Contractor, and all terms and conditions of the state term or agency contract shall apply to the single delivery/performance, and shall survive the termination of the Contract.

Contractors are required to accept purchase orders specifying delivery schedules exceeding the contracted schedule even when such extended delivery will occur after expiration of the state term or agency contract. For example, if a state term contract calls for delivery 30 days after receipt of order (ARO), and an order specifies delivery will occur both in excess of 30 days ARO and after expiration of the state term contract, the Contractor will accept the order. However, if the Contractor expressly and in writing notifies the ordering office within ten (10) calendar days of receipt of the purchase order that Contractor will not accept the extended delivery terms beyond the expiration of the state term contract, then the purchase order will either be amended in writing by the ordering entity within ten (10) calendar days of receipt of the contractor's notice to reflect the state term contract delivery schedule, or it shall be considered withdrawn.

The duration of purchase orders for recurring deliveries of commodities or performance of services shall not exceed the expiration of the state term or agency contract by more than twelve months. However, if an extended pricing plan offered in the state term or agency contract is selected by the ordering entity, the contract terms on pricing plans and renewals shall govern the maximum duration of purchase orders reflecting such pricing plans and renewals.

Timely purchase orders shall be valid through their specified term and performance by the Contractor, and all terms and conditions of the state term or agency contract shall apply to the recurring delivery/performance as provided herein, and shall survive the termination of the Contract.

Ordering offices shall not renew a purchase order issued pursuant to a state term or agency contract if the underlying contract expires prior to the effective date of the renewal.

28. Advertising. Subject to Chapter 119, Florida Statutes, the Contractor shall not publicly disseminate any information concerning the Contract without prior written approval from the Customer, including, but not limited to mentioning the Contract in a press release or other promotional material, identifying the Customer or the State as a reference, or otherwise linking the Contractor's name and either a description of the Contract or the name of the State or the Customer in any material published, either in print or electronically, to any entity that is not a party to Contract, except potential or actual authorized distributors, dealers, resellers, or service representative.

29. Assignment. The Contractor shall not sell, assign or transfer any of its rights, duties or obligations under the Contract, or under any purchase order issued pursuant to the Contract, without the prior written consent of the Customer. In the event of any assignment, the Contractor remains secondarily liable for performance of the contract, unless the Customer expressly waives such secondary liability. The Customer may assign the Contract with prior written notice to Contractor of its intent to do so.

30. Antitrust Assignment. The Contractor and the State of Florida recognize that in actual economic practice, overcharges resulting from antitrust violations are in fact usually borne by the State of Florida. Therefore, the contractor hereby assigns to the State of Florida any and all claims for such overcharges as to goods, materials or services purchased in connection with the Contract.

31. Dispute Resolution. Any dispute concerning performance of the Contract shall be decided by the Customer's designated contract manager, who shall reduce the decision to writing and serve a copy on the Contractor. The decision shall be final and conclusive unless within twenty one (21) days from the date of receipt, the Contractor files with the Customer a petition for administrative hearing. The Customer's decision on the petition shall be final, subject to the Contractor's right to review pursuant to Chapter 120 of the Florida Statutes. Exhaustion of administrative remedies is an absolute condition precedent to the Contractor's ability to pursue any other form of dispute resolution; provided, however, that the parties may employ the alternative dispute resolution procedures outlined in Chapter 120.

Without limiting the foregoing, the exclusive venue of any legal or equitable action that arises out of or relates to the Contract shall be the appropriate state court in Leon County, Florida; in any such action, Florida law shall apply and the parties waive any right to jury trial.

32. Employees, Subcontractors, and Agents. All Contractor employees, subcontractors, or agents performing work under the Contract shall be properly trained technicians who meet or exceed any specified training qualifications. Upon request, Contractor shall furnish a copy of technical certification or other proof of qualification. All employees, subcontractors, or agents performing work under the Contract must comply with all security and administrative requirements of the Customer and shall comply with all controlling laws and regulations relevant to the services they are providing under the Contract. The State may conduct, and the Contractor shall cooperate in, a security background check or otherwise assess any employee, subcontractor, or agent furnished by the Contractor. The State may refuse access to, or require replacement of, any personnel for cause, including, but not limited to, technical or training qualifications, quality of work, change in security status, or non-compliance with a Customer's security or other requirements. Such approval shall not relieve the Contractor of its obligation to perform all work in compliance with the Contract. The State may reject and bar from any facility for cause any of the Contractor's employees, subcontractors, or agents.

33. Security and Confidentiality. The Contractor shall comply fully with all security procedures of the United States, State of Florida and Customer in performance of the Contract. The Contractor shall not divulge to third parties any confidential information obtained by the Contractor or its agents, distributors, resellers, subcontractors, officers or employees in the course of performing Contract work, including, but not limited to, security procedures, business

operations information, or commercial proprietary information in the possession of the State or Customer. The Contractor shall not be required to keep confidential information or material that is publicly available through no fault of the Contractor, material that the Contractor developed independently without relying on the State's or Customer's confidential information, or material that is otherwise obtainable under State law as a public record. To insure confidentiality, the Contractor shall take appropriate steps as to its personnel, agents, and subcontractors. The warranties of this paragraph shall survive the Contract.

34. Contractor Employees, Subcontractors, and Other Agents. The Customer and the State shall take all actions necessary to ensure that Contractor's employees, subcontractors and other agents are not employees of the State of Florida. Such actions include, but are not limited to, ensuring that Contractor's employees, subcontractors, and other agents receive benefits and necessary insurance (health, workers' compensations, and unemployment) from an employer other than the State of Florida.

35. Insurance Requirements. During the Contract term, the Contractor at its sole expense shall provide commercial insurance of such a type and with such terms and limits as may be reasonably associated with the Contract. Providing and maintaining adequate insurance coverage is a material obligation of the Contractor. Upon request, the Contractor shall provide certificate of insurance. The limits of coverage under each policy maintained by the Contractor shall not be interpreted as limiting the Contractor's liability and obligations under the Contract. All insurance policies shall be through insurers authorized or eligible to write policies in Florida.

36. Warranty of Authority. Each person signing the Contract warrants that he or she is duly authorized to do so and to bind the respective party to the Contract.

37. Warranty of Ability to Perform. The Contractor warrants that, to the best of its knowledge, there is no pending or threatened action, proceeding, or investigation, or any other legal or financial condition, that would in any way prohibit, restrain, or diminish the Contractor's ability to satisfy its Contract obligations. The Contractor warrants that neither it nor any affiliate is currently on the convicted vendor list maintained pursuant to section 287.133 of the Florida Statutes, or on any similar list maintained by any other state or the federal government. The Contractor shall immediately notify the Customer in writing if its ability to perform is compromised in any manner during the term of the Contract.

38. Notices. All notices required under the Contract shall be delivered by certified mail, return receipt requested, by reputable air courier service, or by personal delivery to the agency designee identified in the original solicitation, or as otherwise identified by the Customer. Notices to the Contractor shall be delivered to the person who signs the Contract. Either designated recipient may notify the other, in writing, if someone else is designated to receive notice.

39. Leases and Installment Purchases. Prior approval of the Chief Financial Officer (as defined in Section 17.001, F.S.) is required for State agencies to enter into or to extend any lease or installment-purchase agreement in excess of the Category Two amount established by section 287.017 of the Florida Statutes.

40. Prison Rehabilitative Industries and Diversified Enterprises, Inc. (PRIDE). Section 946.515(2), F.S. requires the following statement to be included in the solicitation: "It is expressly understood and agreed that any articles which are the subject of, or required to carry out, the Contract shall be purchased from the corporation identified under Chapter 946 of the Florida Statutes (PRIDE) in the same manner and under the same procedures set forth in section 946.515(2) and (4) of the Florida Statutes; and for purposes of the Contract the person, firm, or other business entity carrying out the provisions of the Contract shall be deemed to be substituted for the agency insofar as dealings with such corporation are concerned." Additional information about PRIDE and the products it offers is available at http://www.pridefl.com.

41. Products Available from the Blind or Other Handicapped. Section 413.036(3), F.S. requires the following statement to be included in the solicitation: "It is expressly understood and agreed that any articles that are the subject of, or required to carry out, this contract shall be purchased from a nonprofit agency for the Blind or for the Severely Handicapped that is qualified pursuant to Chapter 413, Florida Statutes, in the same manner and under the same procedures set forth in section 413.036(1) and (2), Florida Statutes; and for purposes of this contract the person, firm, or other business entity carrying out the provisions of this contract shall be deemed to be substituted for the State agency insofar as dealings with such qualified nonprofit agency are concerned." Additional information about the designated nonprofit agency and the products it offers is available at http://www.respectofflorida.org.

42. Modification of Terms. The Contract contains all the terms and conditions agreed upon by the parties, which terms and conditions shall govern all transactions between the Customer and the Contractor. The Contract may only be modified or amended upon mutual written agreement of the Customer and the Contractor. No oral agreements or representations shall be valid or binding upon the Customer or the Contractor. No alteration or modification of the Contract terms, including substitution of product, shall be valid or binding against the Customer. The Contractor may not unilaterally modify the terms of the Contract by affixing additional terms to product upon delivery (e.g., attachment or inclusion of standard preprinted forms, product literature, "shrink wrap" terms accompanying or affixed to a product, whether written or electronic) or by incorporating such terms onto the Contractor's order or fiscal forms or other documents forwarded by the Contractor for payment. The Customer's acceptance of product or processing of documentation on forms furnished by the Contractor for approval or payment shall not constitute acceptance of the proposed modification to terms and conditions.

43. Cooperative Purchasing. Pursuant to their own governing laws, and subject to the agreement of the Contractor, other entities may be permitted to make purchases at the terms and conditions contained herein. Non-Customer purchases are independent of the agreement between Customer and Contractor, and Customer shall not be a party to any transaction between the Contractor and any other purchaser. State agencies wishing to make purchases from this agreement are required to follow the provisions of s.287.042(16)(a), F.S. This statute requires the Department of Management Services to determine that the requestor's use of the contract is cost-effective and in the best interest of the State.

44. Waiver. The delay or failure by the Customer to exercise or enforce any of its rights under this Contract shall not constitute or be deemed a waiver of the Customer's right thereafter to enforce those rights, nor shall any single or partial exercise of any such right preclude any other or further exercise thereof or the exercise of any other right.

45. Annual Appropriations. The State's performance and obligation to pay under this contract are contingent upon an annual appropriation by the Legislature.

46. Execution in Counterparts. The Contract may be executed in counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

47. Severability. If a court deems any provision of the Contract void or unenforceable, that provision shall be enforced only to the extent that it is not in violation of law or is not otherwise unenforceable and all other provisions shall remain in full force and effect.

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)
ADOPT RESOLUTION AUTHORIZING THE AWARD OF A BID RELATED TO INVITATION TO BID ("ITB") NO. 19-009 FOR COMMUNITY BUS TRANSPORTATION SERVICES TO LIMOUSINES OF SOUTH FLORIDA, INC. IN AN AMOUNT OF FORTY FIVE DOLLARS ($45.00) PER HOUR

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo to Commission - Community Shuttle Bus Bid Award, R-2020- Limousines of South Florida Bid Award (ITB 19-009) for Community Bus Transportation Services

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
PARKS AND RECREATION DEPARTMENT

MEMORANDUM

DATE: January 14, 2020

TO: Honorable May and Commissioners

FROM: Ana M. Garcia, City Manager, ICMA-CM

VIA: Eric Brown, Parks & Recreation Director

RE: Community Shuttle Bus Bid Award to Limousines of South Florida, Inc.

REQUEST

Parks and Recreation is requesting approval to award the bid of Community Shuttle Transportation within the City to Limousines of South Florida, Inc.

BACKGROUND

The City of Dania Beach provides community bus service free to the Dania Beach Community in partnership with Broward County Transit.

On October 23, 2019, the City posted an Invitation to Bid ("ITB") #19-009 in Sun Sentinel (see posting ad & Sun Sentinel publication attached). On November 7, 2019, a Mandatory Pre-Bid Meeting was held to collect questions for those in attendance. On November 22, 2019, the Bid/Solicitation Opening took place in which only one (1) vendor was present to submit a bid. On December 12, 2019, the Bid Review Committee convened to tabulate the bid(s) and make a recommendation that the bid is awarded to Limousines of South Florida, Inc.

On December 31, 2019, Limousines of South Florida, Inc. existing agreement expired. The City and Limousines of South Florida, Inc. mutually agreed to a month-to-month until an agreement has been executed. The month-to-month agreement effective January 1, 2020 and expires on January 31, 2020.

BUDGETARY IMPACT

The cost of the Agreement is planned and appropriated by the City Commission in the General Fund Recreation Contractual Services Account 001-72-01-572-31-60 in the amount of Two Hundred Twenty-Two Thousand five hundred dollars ($222,500.00) for FY2020.

RECOMMENDATION

The recommendation is for the City Commission to Approve this request.

RESOLUTION NO. 2020-007

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE AWARD OF A BID RELATED TO INVITATION TO BID ("ITB") NO. 19-009 FOR COMMUNITY BUS TRANSPORTATION SERVICES TO LIMOUSINES OF SOUTH FLORIDA, INC. IN AN AMOUNT OF FORTY FIVE DOLLARS ($45.00) PER HOUR; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Dania Beach, Florida ("City") advertised Invitation to Bid ("ITB") No. 19-009, "Community Bus Transportation Services" on the City website, DemandStar and in the Sun-Sentinel newspaper on October 23, 2019; and

WHEREAS, a mandatory pre-bid meeting was held on Thursday, November 7, 2019 at 10:30 a.m.; and

WHEREAS, on Friday, November 22, 2019, one bid was received from one (1) firm as follows:

Limousines of South Florida, Inc. $45.00/hour; and

WHEREAS, the City Bid Review Committee noted Limousines of South Florida, Inc. (LSF) was the sole vendor and recommends that the City Commission award the contract to LSF as the most responsive and responsible proposer for the services requested by the City in an amount of Forty Five Dollars ($45.00) per hour, not to exceed the annual budgeted amount of Two Hundred Twenty Two Thousand Five Hundred Dollars ($222,500.00); and

WHEREAS, the existing Agreement between the City and LSF expired on December 31, 2019; the City and LSF agreed to extend that Agreement for one month, effective January 1, 2020 through January 31, 2020;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the above "Whereas" clauses are ratified and confirmed as being true and correct, and they are made a part of and incorporated into this Resolution by this reference.

Section 2. That the proper City officials are authorized to execute an Agreement with Limousines of South Florida, Inc., to provide community bus transportation services in the

amount of Forty Five Dollars ($45.00) per hour, a copy of which Agreement is attached as Exhibit "A" and made a part of and incorporated into this Resolution by this reference.

Section 3. That funding for the services provided by this Agreement is available in the General Fund, Recreation Department, Community Bus Services Account, Account No. 001-72-01-572-31-60; present available funding is in the amount of One Hundred Sixty Two Thousand Five Hundred Dollars ($162,500.00).

Section 4. That the City Manager and City Attorney are authorized to make minor revisions to such Agreement as are deemed necessary and proper and in the best interest of the City.

Section 5. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to such extent of such conflict.

Section 6. That this Resolution shall be in force and take effect immediately upon passage and adoption.

PASSED AND ADOPTED on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

AGREEMENT

This is an Agreement, entered into and is effective on _____, 2020, between **THE CITY OF DANIA BEACH**, **FLORIDA,** a Florida municipal corporation (the "City"), having an address at 100 West Dania Beach Boulevard, Dania Beach, Florida 33004 and **LIMOUSINES OF SOUTH FLORIDA, INC**. **d/b/a LSF SHUTTLE**, a Florida corporation (the "Contractor"), having an address of 3300 SW 11th Avenue, Fort Lauderdale, Florida 33315.

This Agreement contains terms and conditions under which the Contractor shall furnish all services necessary for certain public transportation services desired by the City.

IN CONSIDERATION of the mutual promises and covenants contained in this Agreement, and for other good and valuable consideration, the receipt, adequacy and sufficiency of which are acknowledged and agreed upon, the parties, intending to be legally bound, agree as follows:

SECTION ONE
DEFINITIONS AND IDENTIFICATIONS

1.1 Agreement - means this document, Sections 1 through 15, inclusive. Other terms and conditions are included in exhibits and documents and they are expressly incorporated into this Agreement by this reference.

1.2 City - The City of Dania Beach, a municipal corporation of the state of Florida.

1.3 County - Broward County, a political subdivision of the state of Florida.

1.4 Contractor – Limousines of South Florida, Inc. d/b/a LSF Shuttle, Inc.

1.5 Invitation to Bid ("ITB") "The Invitation to Bid-Community Bus Transportation Services, Bid No. 19-009" the terms of which are made a part of and are incorporated into this Agreement by this reference. If there is a conflict between the "ITB" provisions, and the provisions of this Agreement, the terms of this Agreement shall prevail.

1.6 Revenue Service Hour – The hourly amount specified in Section 14 below for transportation services rendered.

SECTION TWO
CONTRACTOR'S SERVICES

2.1 Contractor agrees to provide all services necessary for the day to day management, operation and maintenance of the public transportation services described below.

2.2 Contractor shall provide free fare public transportation services (until such time as City determines a fare to be appropriate), within the City at the locations and according to

schedules as stated in the Agreement between Broward County and the City of Dania Beach for Public Transportation Services dated October 1, 2019, which is made a part of and is incorporated into this Agreement by this reference. Contractor shall comply with every term, condition, duty and obligation set forth in the Agreement and with all exhibits attached to it.

2.3 The established service shall be on a fixed route basis with designated intermediate stops, consisting of a minimum of twenty-four (24) hours per week. The public transportation service shall connect with regular County bus routes. The routes for the Community Bus Transportation Services within the City of Dania Beach are shown in Exhibit "A".

2.4 The Contractor shall maintain a minimum average of five (5) passengers per hour of operation on each route operated by the City and Contractor. In the event that Contractor does not maintain such minimum average of passengers, City shall be authorized to immediately terminate this Agreement after notice is provided as specified in Section ten (10) below. County shall assist City and Contractor in their efforts to increase ridership, which may include modification of the routes.

2.5 Contractor shall comply will all applicable requirements of the Americans with Disabilities Act (ADA) at all times while the vehicles provided are being utilized for public transportation and while utilizing any and all routes approved in this Agreement. To the extent that any terms of this Agreement are inconsistent with the ADA, the requirements of the ADA shall control.

2.6 Contractor shall at all times during this Agreement comply with the requirements of Broward County Ordinance No. 92-8, pertaining to the maintenance of a Drug Free Work Place Program.

2.7 Insofar as possible, scheduled service shall be coordinated with existing County bus service. It is the intent of the parties that City's scheduled service shall not duplicate existing County bus service.

2.8 Contractor shall maintain certain records of information and data in the format prescribed by the County, shall furnish such records to the County on a monthly basis, and shall furnish copies of such records to the City on a monthly basis.

2.9 Contractor shall, at all times, have and maintain in proper working order a dedicated Telecommunications Device for the Deaf (TTY) number.

2.10 Contractor shall at all times during this Agreement comply with all applicable requirements of the United States Department of Transportation and the Federal Transit Administration, which shall include, but not be limited to regulations for drug and alcohol testing. To the extent that any terms of this Agreement are inconsistent with the United States Department of Transportation regulations, the requirements of the United States Department of Transportation shall control.

2.11 Contractor agrees that throughout the term of this Agreement that the Broward County Transit ("BCT") logo, City identification and the County assigned identification numbers shall be conspicuously displayed on the rear of the vehicles at all times and the City logo shall be displayed on both side of all vehicles at all times.

2.12 Contractor agrees that, subject to County approval, should City derive advertising revenues from advertisements displayed on the vehicles, Contractor shall not obtain any revenues from such advertisements.

SECTION THREE
CITY'S SERVICES

3.1 City shall review all policies established by the Contractor relative to the public transportation services.

3.2 City shall review the service planning, including adjustments to routes, schedules and such other factors that affect the quality of service provided. City shall have the right to require reasonable adjustments to the routes and Contractor agrees to comply with such adjustments in the routes.

3.3 City shall provide Contractor with bus route timetables prepared by Broward County Mass Transit Division sufficient to inform City and County residents, visitors and passengers of service to be made available.

3.4 City, in coordination with County, shall be responsible for designation of transit stops and Contractor shall only use such stops for the authorized route(s).

3.5 City shall hold the funds distributed by Broward County to support the public transportation service and remit the applicable amount of such funds monthly to Contractor as they become due.

3.6 City shall lease to Contractor two (2) wheelchair accessible, passenger vehicles, obtained from the County, to be used in regular route service. Such vehicles shall comply with the ADA and all applicable federal and state regulations. The vehicles shall be leased to the Contractor for Ten Dollars ($10.00) each per year. Prior to the acceptance of the vehicles by Contractor, Contractor, at its own cost, shall have the right to inspect, or cause to be inspected, the vehicles by a mechanic designated by the Contractor.

3.7 City shall, if provided to City by County, provide to Contractor the manufacturer's warranties and maintenance shop manuals.

SECTION FOUR
PERFORMANCE STANDARDS

4.1 The public transportation service described in this Agreement must begin on February 1, 2020.

4.2 Contractor shall complete one hundred percent (100%) of all scheduled trips on a daily basis, subject to delays which are attributable to vehicular accidents and mechanical failure which do not arise due to Contractor's failure to properly maintain the vehicles.

4.3 The Contractor will be responsible for all costs associated with performance under the Contract, including but not limited to supervision, labor, material, minor parts and supplies, equipment, tools, transportation, travel time and shop facilities.

SECTION FIVE
PERSONNEL REQUIREMENTS

5.1 Contractor shall designate a Project Manager who will oversee the complete operation of the public transportation service and who will serve as day to day liaison with the City.

5.2 Vehicle chauffeurs employed by Contractor during the term of this Agreement shall be properly licensed operators. The vehicle chauffeurs shall possess the qualifications as required by the State of Florida and the County. The vehicle chauffeurs shall be required to attend and successfully complete the County's training program prior to operating the vehicles.

SECTION SIX
CONDITION AND MAINTENANCE OF THE VEHICLES

6.1 Vehicles shall be maintained in good condition, both operationally and in their appearance, and in accordance with the County's requirements. All vehicles and required equipment shall be kept in good repair and condition, satisfactory to the City.

6.2 Contractor shall maintain the vehicles in accordance with manufacturer's standards.

SECTION SEVEN
RECORD KEEPING, REPORTING AND AUDITING

7.1 Contractor shall be required to maintain all project records as requested by the City. Contractor shall permit authorized representatives of City to examine all data and records related to the project or according to the scheduled reporting periods.

7.2 Contractor shall record on a daily basis and report weekly to the City all disruptions in service, late service, vehicle breakdowns, accidents, vehicles out of service/commission and any other incident affecting service.

7.3 Contractor's Project Manager shall also document passenger complaints and describe any actions taken to resolve such complaints on a weekly basis. Contractor agrees to submit copies of such documentation to City on a weekly basis.

7.4 Contractor's Project Manager shall provide accurate reports on ridership by route and by trip to the City on a monthly basis.

7.5 Records shall be maintained by Contractor. These records shall show details of transactions pertaining to the management, maintenance and operation of the service and all books, accounts and records shall be available for inspection by the City upon demand.

SECTION EIGHT
PRE-SERVICE REQUIREMENTS

The following items shall be delivered to the City by Contractor at least two days prior to the start of the service and are subject to approval by the City.

8.1 An operations manual for the public transportation service which documents all operational procedures and policies, including but not limited to the following:

(a) Vehicle operating procedures;
(b) Communications operating procedures;
(c) Driver conduct rules and regulations;
(d) Safety procedures;
(e) Accident procedures;
(f) Administration and reporting procedures;
(g) Other operating procedures and policies as required for proper operation of the service;
(h) Job description for drivers' administrative personnel;
(i) Maintenance procedures for all vehicles;
(j) Final system schedules; and
(k) Training procedures for vehicle drivers.

SECTION NINE
TERM AND TIME OF PERFORMANCE

9.1 The term of this Agreement shall become effective on February 1, 2020, and shall remain in effect for a term of two (2) years. The term of the Agreement may be renewed for one (1) additional one (1) year period upon mutual written agreement by the parties, at the same per hour cost and maximum annual cost as specified in Section Fourteen, below.

The City has the right to exercise its option to renew this Agreement, but is under no obligation to extend or renew it.

SECTION TEN
TERMINATION

10.1 This Agreement may be terminated for cause upon seven (7) days written notice by the party that elected to terminate, if the party in breach has not corrected the cause within seven (7) days after written notice, which notice must identify the cause. This Agreement may also be terminated for convenience by action of the City upon not less than ten (10) days' written notice by the City to the Contractor.

10.2 Termination of this Agreement for cause shall include, but not be limited to, failure to suitably perform the services, failure to continuously perform the services in a manner calculated to meet or accomplish the objectives of the City as set forth in this Agreement, failure to protect the public health, safety or welfare, as determined solely by City in the reasonable exercise of its discretion, or breach of any of the provisions of this Agreement notwithstanding whether any such breach was previously waived or cured.

10.3 Notice of termination shall be provided in accordance with the "Notices" section of this Agreement except that notice of termination by the City Manager which the City Manager deems necessary to protect the public health, safety or welfare may be verbal notice which shall be promptly confirmed in writing in accordance with the "Notices" section of this Agreement.

10.4 In the event this Agreement is terminated for cause or convenience, the monies paid by the City shall be prorated on a daily basis to the date the Agreement is terminated. Upon being notified of City's election to terminate, Contractor shall refrain from performing further services under the terms of this Agreement. However, upon being notified of City's election to terminate, Contractor acknowledges and agrees that $10.00 compensation paid by City, the adequacy of which is acknowledged by Contractor, is given as specific and full consideration to Contractor for City's right to terminate this Agreement for cause or convenience.

10.5 In the event this Agreement is terminated, any compensation payable by City shall be withheld until all documents are provided to City pursuant to Section Two and Section Seven of this Agreement.

10.6 Upon termination of this Agreement for whatever reason, Contractor shall return the vehicles leased to the City. Contractor shall return the vehicles to City in the condition they were received at the commencement of this Agreement, normal wear and tear excepted. The Contractor's obligation to return the vehicles to the City in the condition in which they were received shall include the removal of any painting or wrapping of the vehicles for advertisement purposes. Any costs necessary to restore or prepare the vehicles for return to City shall be the sole responsibility of the Contractor. City shall have the right to inspect and to approve the condition of each vehicle prior to acceptance and should the City determine that the vehicles are not in the proper condition, Contractor shall at its sole cost and expense remedy any and all deficiencies identified by the City.

SECTION ELEVEN
NOTICES

11.1 Whenever either party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. Notice shall be deemed given on the day on which personally served, or if by mail, on the date of actual receipt. The place for giving notice shall remain the same as set forth in this Agreement until changed in writing in the manner provided in this section. For the present, the parties designate the following:

For City of Dania Beach:	City of Dania Beach Ana M. Garcia, ICMA-CM, City Manager 100 West Dania Beach Boulevard Dania Beach, Florida 33004
With a Copy to:	City of Dania Beach Thomas J. Ansbro, City Attorney 100 West Dania Beach Boulevard Dania Beach, Florida 33004
For Broward County: (courtesy copies of notices)	Director of Mass Transit Division Broward County Mass Transit Division 3201 West Copans Road Pompano Beach, Florida 33069
For Contractor:	Mark Levitt, President Limousines of South Florida, Inc. d/b/a LSF Shuttle 3300 SW 11th Avenue Fort Lauderdale, Florida 33315

SECTION TWELVE
INDEMNIFICATION

12.1 The selected Contractor shall, in addition to any other obligation to indemnify the City and to the fullest extent permitted by law, protect, defend, indemnify and hold harmless the City, including its agents, elected officials and employees from and against all claims, actions, liabilities, losses (including economic losses), or costs arising out of any actual or alleged:

(a) bodily injury, sickness, disease or death, or injury to or destruction of tangible property including the loss of use resulting therefrom, or any other damage or loss arising out of or resulting or claimed to have resulted in whole or in part from any actual or alleged act or omission of the Contractor, anyone directly or indirectly employed by any of it, or anyone for whose acts any of them may be liable in the performance of the work;

(b) any violation of law, statute, ordinance, governmental administrative order, rule, regulation, or infringement of patent rights by Contractor in the performance

of the work;

(c) liens, claims, actions made by the Contractor or other party performing the work;

(d) claims of whatsoever nature related to collection practices or any actions of a contradictory nature pursuant to Contract or in an attempt to collect monies due or claimed to be due to the City.

12.2 As to County: Contractor agrees to indemnify and hold harmless the County and County's officers, agents, and employees as described in the Agreement attached as Exhibit "B".

SECTION THIRTEEN
INSURANCE

13.1 The below coverages are minimum limit requirements. Umbrella or Excess Liability policies are acceptable to provide the total required liability limits, as long as the Risk Manager of the City reviews and approves in writing the insurance limits on each of the policies. The City must approve any changes to these requirements and has the right to review and amend coverage requirements. The Contractor shall be held responsible for any modifications, deviations, or omissions in these insurance requirements. In addition, Contractor shall be responsible for any and all policy deductibles and self-insured retentions.

13.1.1 **GENERAL LIABILITY INSURANCE** is to include bodily injury, broad form property damage, products and completed operations, blanket contractual liability, and personal injury with limits of no less than One Million Dollars ($1,000,000.00) per occurrence, and no less than Two Million Dollars ($2,000,000.00) annual aggregate.

SPECIAL PROVISIONS AS TO GENERAL LIABILITY INSURANCE:
(to be confirmed on or attached to the Official Certificate of Insurance)

- Annual Aggregate shall apply "Per Job";
- "The City of Dania Beach, Florida" is named as an additional "named" Insured;
- Additional Named Insured status is included for Products and completed operations coverage;
- Additional insured coverage shall be no more restrictive than Insurance Services Office (ISO) form CG 2037 (07 04);
- Contractor's insurance shall be primary and non-contributory;
- Waiver of Subrogation in favor of the City;
- 30 Days' Notice of Cancellation or modification to City (if not available

on the insurance policies, then Contractor has responsibility for notification); and Copy of Additional Named Insured Endorsement or other endorsements may be attached to the Certificate.

13.2.1 **WORKERS' COMPENSATION INSURANCE** shall be maintained by Contractor and any Subcontractors during the term of the Agreement, or any renewal period of it, and it is to apply to all "statutory employees" of the Contractor (as that phrase is defined by Chapter 440, Florida Statutes), in compliance with the Workers' Compensation Law of the State of Florida and all applicable federal laws, for the benefit of the Contractor, its employees, and Subcontractors.

In the case any Services are sublet as otherwise addressed in the Agreement or Bid Documents, the Contractor shall require any Subcontractors similarly to provide Workers' Compensation Insurance for all of the latter's employees, in addition to any coverage afforded by the Contractor, by furnishing statutory limits Part A.

Employer's Liability Part B shall be in an amount of no less than Five Hundred Thousand Dollars ($500,000.00) per occurrence, and One Hundred Thousand Dollars ($100,000.00) annual aggregate for disease; and limits of no less than One Hundred Thousand Dollars ($100,000.00) for disease of an individual employee.

In no event shall the Contractor be permitted to utilize in the prosecution of the work, the following: i) any employee, subcontractor or subcontractor employee who is exempted or purported to be exempt from Workers' Compensation insurance coverage; or ii) any employee, subcontractor or subcontractor employee who will be covered by an employee leasing arrangement.

SPECIAL PROVISIONS AS TO WORKERS' COMPENSATION INSURANCE: (to be confirmed on or attached to the Official Certificate of Insurance)

- 30 Days' Notice of Cancellation or modification to City (if not available on the insurance policies, then Contractor has the responsibility for notification); and
- Waiver of Subrogation in favor of the City.

13.3.1 **AUTOMOBILE LIABILITY INSURANCE** shall be maintained with combined single limits of no less than Two Million Dollars ($2,000,000.00) per occurrence, to include coverage for owned, hired, and non-owned vehicles.

SPECIAL PROVISIONS AS TO AUTOMOBILE LIABILITY INSURANCE: (to be confirmed on or attached to the Official Certificate of Insurance)

- "The City of Dania Beach, Florida" is named as an additional "named" insured";
- 30 Days' Notice of Cancellation or modification to City (if not available on the insurance policies, then Contractor has responsibility for notification); and
- Waiver of Subrogation in favor of the City.

SECTION FOURTEEN
PAYMENT

14.1 In return for services provided by Contractor and specified in this Agreement, the City agrees to pay Contractor Forty Five Dollars ($45.00) per hour, per vehicle in operation. In no event shall the amount paid exceed $222,500.00 in the first year and any renewal year. The funds shall be used by Contractor solely for the purpose of maintaining, operating and properly equipping the vehicles, and City shall not be responsible for payment of any other monies to Contractor under this Agreement. If the cost of fuel exceeds $4.50 per gallon for a continued (90) day period, the City will consider and negotiate in good faith with the Contractor a rate adjustment.

SECTION FIFTEEN
MISCELLANEOUS

15.1 Assignments. This Agreement, and any interests in it, shall not, in whole or in part, be assigned, subcontracted, transferred in any way or otherwise encumbered, under any circumstances, by Contractor without the prior written consent of City. Violation of the terms of this paragraph shall constitute a breach of this Agreement by Contractor and City may, in its discretion, cancel this Agreement, and all rights of Contractor under this Agreement will terminate.

15.2 It is further agreed that no modification, amendment or alteration of the terms or conditions contained in this Agreement shall be effective, unless contained in a prior written document and executed by the parties.

15.3 The Contractor represents that all persons delivering the services required by this Agreement have the knowledge and skills, either by training, experience, education or a combination of the foregoing, to adequately and competently perform the duties, obligations and services set forth in this Agreement, and to provide and perform such services to the City's satisfaction.

The Contractor shall perform its duties, obligations and services under this Agreement in a skillful and respectable manner.

15.4 Waiver. Failure of the City to insist upon strict performance of any provision or condition of this Agreement, or to enforce any right contained in it, shall not be construed as a waiver or relinquishment for the future of any such provision, condition or right, but the same shall remain in full force and effect.

15.5 The City and the Contractor agree that each requirement, duty and obligation set forth in this Agreement is substantial and important to the formation of this Agreement and, therefore, is a material term of this Agreement.

SECTION SIXTEEN
DEFAULT OF AGREEMENT AND REMEDIES

16.1 In case of any default by Contractor, the City shall notify the Contractor, in writing of such default and direct Contractor to comply with all terms and conditions of this Agreement. If Contractor does not timely cure such default within seven (7) days after notice was sent by City, City may declare a default of this Agreement, and may notify the Contractor of such declaration of default in writing, and terminate the Agreement.

SECTION SEVENTEEN
BANKRUPTCY

17.1 It is agreed that if the Contractor is adjudged bankrupt, either voluntarily or involuntarily, then this Agreement shall terminate effective on the date and at the time the bankruptcy petition is filed. Upon such filing of Bankruptcy, Contractor will automatically be in default of this Agreement and the provisions of Section 9 will be enforced at City's discretion.

SECTION EIGHTEEN
DISPUTE RESOLUTION

18.1 Venue; Fees. All claims, counterclaims, disputes and other matters in question between City and Contractor arising out of, relating to or pertaining to this Agreement, or the breach of it, or the services of it, or the standard of performance required in it, shall be addressed by resort to non-binding mediation as authorized under the laws and rules of Florida; provided, however, that in the event of any dispute between the parties, the parties agree to first negotiate with each other for a resolution of the matter or matters in dispute and, upon failure of such negotiations to resolve the dispute, the parties shall resort to mediation.

18.2 If mediation is unsuccessful, any such matter may be determined by litigation in a court of competent jurisdiction in Broward County, Florida, or the Federal District Court of the Southern District of Florida and appropriate appellate courts for such venue and jurisdiction. In any litigation, the parties agree to each waive any trial by jury of any and all issues. In the event of any
litigation which arises out of, pertains to, or relates to this Agreement, or the breach of it, or the standard of performance required in it, each party shall bear its own attorney fees and costs.

18.3 Operations During Dispute. In the event that a dispute, if any, arises between the City and the Contractor relating to this Agreement, or its performance or compensation, the Contractor agrees to continue to render service in full compliance with all terms and conditions of this Agreement as required by the City.

18.4 Legal Representation. It is acknowledged that each party to this Agreement had the opportunity to be represented by counsel in the preparation of this Agreement. Further, the rule that a contract shall be interpreted strictly against the party preparing same shall not apply to this Agreement due to the joint contributions to it of both parties.

18.5 Binding Authority. Each person signing this Agreement on behalf of either party individually warrants that he or she has full legal power to execute this Agreement on behalf of the party for whom he or she is signing, and is authorized to bind and obligate such party with respect to all provisions contained in this Agreement.

18.6 Headings. Headings in this Agreement are for the convenience of reference only and shall not be considered in any interpretation of this Agreement.

18.7 Severability. If any provision of this Agreement or application of it to any person or situation shall to any extent be held invalid or unenforceable, the remainder of this Agreement, and the application of such provisions to persons or situations other than those as to which it shall have been held invalid or unenforceable, shall not be affected, and shall continue in full force and effect, and shall be enforced to the fullest extent permitted by law.

18.8 Governing Law. This Agreement shall be governed by the laws of the State of Florida with venue lying in Broward County, Florida.

18.9 Extent of Agreement. This Agreement represents the entire and integrated Agreement between the City and the Contractor and supersedes all prior negotiations, representations or agreements, either written or oral.

18.10 Nondiscrimination. The Contractor agrees that it will not discriminate against any employee or applicant for employment for work under this Agreement because of race, color, religion, gender, sexual orientation, age, national origin, political affiliation or disability and will take affirmative steps to ensure that applicants are employed and employees are treated during employment without regard to race, color, religion, gender, sexual orientation, age, national origin, political affiliation or disability. This provision shall include, but not be limited to, the following: layoff or termination; rates of pay or other forms of compensation; terms and conditions of employment, selection for training, including apprenticeships and accessibility.

18.11 Severance. In the event this Agreement or any portion of this Agreement is found by a court of competent jurisdiction to be invalid, the remaining provisions shall continue to be effective unless the City or the Contractor elects to terminate this Agreement. The election to terminate this Agreement based upon this provision shall be made within seven (7) days after the finding by the court becomes final.

18.12 Amendments. No modification, amendment or alteration in the terms or conditions contained in this Agreement shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the City and the Contractor.

18.13 Prior Agreements. This document incorporates and includes all prior negotiations, correspondence, conversations, agreements and understandings applicable to the matters contained in this Agreement and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, the parties agree that no deviation from the terms of this Agreement shall be predicated upon any prior representations or agreements, whether oral or written.

IN WITNESS OF THE FOREGOING, the City has caused this Agreement to be signed by its Mayor, City Manager, attested by the City Clerk with the corporate seal of the City of Dania Beach, and the Contractor has executed this Agreement effective as of the date set forth above.

CITY OF DANIA BEACH, FLORIDA,
a Florida municipal corporation

ATTEST:

_____
THOMAS SCHNEIDER, CMC
CITY CLERK

_____
LORI LEWELLEN
MAYOR

_____
ANA M. GARCIA, ICMA-CM
CITY MANAGER

APPROVED AS TO LEGAL FORM AND CORRECTNESS:

_____
THOMAS J. ANSBRO
CITY ATTORNEY

WITNESSES:

CONTRACTOR:
LIMOUSINES OF SOUTH FLORIDA, INC., a Florida Corporation

_____
Signature

_____
PRINT Name

_____
Signature

_____
PRINT Name

_____
Signature

_____
Title

_____
PRINT Name

_____
Date

STATE OF _____

COUNTY OF _____

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, on _____, 2020, by _____, as _____ of Limousines of South Florida, Inc., a Florida corporation, on behalf of the corporation. He/she is personally known to me or has produced ___ _____as identification.

_____
Notary Public, State of _____

My Commission Expires:

_____
Print Name

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)
ADOPT ORDINANCE AMENDING CHAPTER 18, ENTITLED “PENSIONS AND RETIREMENT”, ARTICLE IV, ENTITLED POLICEMEN AND FIREMEN”, SECTION 18-42, ENTITLED “BENEFIT AMOUNTS AND ELIGIBILITY” OF THE CITY CODE OF ORDINANCES RELATING TO THE POLICE AND FIREFIGHTERS’ RETIREMENT SYSTEM; AMENDING THE ORDINANCE IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 2019-21, LAWS OF FLORIDA

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
Memo to City Commission re Chp 2019-21 Ordinance Amendment (14Nov2019), O-2020-Amending Sec. 18-42 Police and Fire Pension Cancer Benefit, Police-Fire Pension 10-1-18 Actuarial Impact Statement (FF Cancer Bill Ordinance).._

SUGARMAN & SUSSKIND
PROFESSIONAL ASSOCIATION
ATTORNEYS AT LAW

Robert A. Sugarman♦
Howard S. Susskind
Kenneth R. Harrison, Sr.
D. Marcus Braswell, Jr.
Pedro A. Herrera
David Robinson
Ivelisse Berio LeBeau

♦Board Certified Labor
& Employment Lawyer

100 Miracle Mile
Suite 300
Coral Gables, Florida 33134
(305) 529-2801
Toll Free (800) 329-2122
Facsimile (305) 447-8115

TO: City of Dania Beach, FL City Commission

FROM: Pedro A. Herrera
Sugarman & Susskind, P.A.

DATE: November 13, 2019

Re: *City of Dania Beach Police & Firefighters' Retirement System - Ch. 2019-21, Laws of Florida*

Commissioners:

Effective July 1, 2019, the Florida Legislature enacted legislation providing various benefits to qualifying full-time and retired firefighters. The new law amends F.S. 112 to provide additional disability and death benefits to eligible firefighters who have been disabled or died as a result of certain forms of cancer. Specifically, the new law creates a presumption of service-connected disability, or preretirement death, for eligible firefighters who either perish or are found to be totally and permanently disabled from useful and efficient service as a firefighter, based on at least one of 21 enumerated forms of cancer or circumstances that arise out of the treatment of such cancer.

Consequently, in order to comply with the recently amended state statute, we previously discussed the proposed amendment with the Board of Trustees for the City of Dania Beach Police & Firefighters' Retirement System and it approved proceeding with seeking this Commission's enactment of the proposed amendment.

Enclosed please find a proposed amendment to Sections 18-42(3), Disability and 18-42(4), Pre-retirement death, of the City of Dania Beach Code of ordinances which will update the Retirement System's governing code to comply with the recent enactment of Ch. 2019-21, Laws of Florida.

Please do not hesitate to contact me directly should you have any questions or require any additional information.

ORDINANCE NO. 2020-001

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 18, ENTITLED "PENSIONS AND RETIREMENT", ARTICLE IV, ENTITLED POLICEMEN AND FIREMEN", SECTION 18-42, ENTITLED "BENEFIT AMOUNTS AND ELIGIBILITY" OF THE CITY CODE OF ORDINANCES RELATING TO THE POLICE AND FIREFIGHTERS' RETIREMENT SYSTEM; AMENDING THE ORDINANCE IN ORDER TO BE IN COMPLIANCE WITH CHAPTER 2019-21, LAWS OF FLORIDA; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the 2019 Florida Legislature enacted Chapter 2019-21, Laws of Florida, which mandates certain amendments which need to be made to the City's Police and Firefighters' Retirement System Ordinance; and

WHEREAS, an amendment to the City code is necessary to comply with the law; and

WHEREAS, the trustees of the City of Dania Beach Police & Firefighters' Retirement System have approved the amendment as being statutorily required and as being in the best interests of the System's participants and beneficiaries as well as improving the administration of the plan; and

WHEREAS, the City Commission has received and reviewed the actuarial impact statement concerning the cost impact of the amendment prepared by the Retirement System's actuary;

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. Chapter 18, entitled "Pensions and Retirement", Article IV, entitled "Policemen and Firemen", Section 18-42, entitled "Benefit Amounts and Eligibility", of the Dania Beach City Code of Ordinances is amended to read as follows:

Sec. 18-42. - Benefit amounts and eligibility.

***

(3) DISABILITY.

(a) *Service incurred*. Any member who receives a service-connected injury, disease or disability, which injury, disease or disability permanently incapacitates the member, physically or mentally from the member's regular and continuous duties as a firefighter or police officer

shall receive a monthly disability benefit equal to the greater of the member's accrued retirement benefit or sixty-eight (68) percent of the member's average monthly earnings in effect as of the date of disability for a disabled firefighter and the greater of the member's accrued retirement benefit or sixty (60) percent of the member's average monthly earnings in effect as of the date of disability for a disabled police officer. The disability shall be paid until recovery from disability or if the member does not recover, death. An optional form of benefit, providing death benefits, may be elected.

As provided and subject to the limitations in section 112.1816, Florida Statues, effective July 1, 2019, a firefighter (as defined in section 112.1816(1), Florida Statutes) who is a Retirement Plan member shall be considered to be totally and permanently disabled in the line of duty if he or she meets the Plan's definition of Totally and Permanently Disabled due to a diagnosis of cancer (as defined in section 112.1816(1), Florida Statutes) or due to circumstances that arise out of the treatment of such cancer (as defined and prescribed in Section 112.1816(1), Florida Statutes).

Section 2. Chapter 18, entitled "Pensions and Retirement", Article IV, entitled "Policemen and Firemen", Section 18-42, entitled "Benefit Amounts and Eligibility", of the Dania Beach City Code of Ordinances is amended to read as follows:

Sec. 18-42. - Benefit amounts and eligibility.

***

(4) PRERETIREMENT DEATH.

***

(e) *Cancer Presumption.* As provided and subject to the limitations in section 112.1816, Florida Statutes, effective July 1, 2019, a firefighter (as defined in section 112.1816(1), Florida Statutes) who is a Retirement Plan member shall be considered to have died in the line of duty if he or she dies as a result of cancer (as defined in section 112.1816(1), Florida Statutes) or circumstances that arise out of the treatment of such cancer (as defined and prescribed in section 112.1816(1), Florida Statutes).

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances and all resolutions or parts of resolutions in conflict with this Ordinance, are repealed to the extent of such conflict.

Section 5. That this Ordinance shall take full effect retroactive to July 1, 2019, immediately upon its passage and adoption.

PASSED on first reading on December 10, 2019.

PASSED AND ADOPTED on second reading on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

GRS Retirement Consulting

P: 954.527.1616 | F: 954.525.0083 | www.grsconsulting.com

October 17, 2019

Ms. Cathy David
Administrator
City of Dania Beach Police & Firefighters'
Retirement System
101 S.W. 1st Street, #111
Dania Beach, Florida 33004

Re: Dania Beach Police and Firefighters Retirement System– Actuarial Impact Statement

Dear Cathy:

As requested, we are enclosing an Actuarial Impact Statement to illustrate the first year impact of the proposed ordinance which amends the Dania Beach Police and Firefighters Retirement System (Plan) as described below. The following is a brief description of the proposed changes included in this Actuarial Impact Statement.

In compliance with newly adopted Florida Statutes Chapter 112.1816, the following additional provisions are added to the Plan for firefighters:

- As provided and subject to the limitations in section 112.1816, Florida Statues, effective July 1, 2019, a firefighter member shall be considered to be totally and permanently disabled in the line of duty if he or she meets the Plan's definition of Totally and Permanently Disabled due to a diagnosis of cancer or circumstances that arise out of the treatment of such cancer.
- As provided and subject to the limitations in section 112.1816, Florida Statutes, effective July 1, 2019, a firefighter member shall be considered to have died in the line of duty if he or she dies as a result of cancer or circumstances that arise out of the treatment of such cancer.

Summary of Findings

Please note that the impact of the proposed plan changes is being shown on the actuarially determined contribution for the fiscal year ending September 30, 2020 for illustrative purposes, using the valuation results as of October 1, 2018, the most recent actuarial valuation. Since the ordinance will be adopted in fiscal year ending September 30, 2020, the change is not required to be funded until the fiscal year ending September 30, 2021. The upcoming actuarial valuation as of October 1, 2019 will show the actuarially determined contribution for the fiscal year ending September 30, 2021 reflecting the plan amendment.

- As a result of the Plan changes, the required employer contribution amount for Firefighters for the fiscal year ending September 30, 2020 increases by $312, from $5,978,379, to $5,978,691. The required contribution for Police Officers is unchanged at $819,774.
- As a result of the Plan changes, the Unfunded Actuarial Accrued Liability (UAAL) for Firefighters decreases by $3,197, from $15,240,677 to $15,237,480. The UAAL for Police officers is unchanged at $2,441,630.
- As a result of the Plan changes, the funded ratio of the Plan (actuarial value of assets divided by actuarial accrued liability) remains unchanged at 76.7%.

Risks Associated with Measuring the Accrued Liability and Actuarially Determined Contribution

The determination of the accrued liability and the actuarially determined contribution requires the use of assumptions regarding future economic and demographic experience. Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: Plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in Plan provisions or applicable law. The scope of this report does not include an analysis of the potential range of such future measurements.

Risk measures are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the accrued liability and the actuarially determined contribution that result from the differences between actual experience and the actuarial assumptions.

Examples of risk that may reasonably be anticipated to significantly affect the Plan's future financial condition include:

1. Investment risk – actual investment returns may differ from the either assumed or forecasted returns;
2. Contribution risk – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the Plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
3. Salary and Payroll risk – actual salaries and total payroll may differ from expected, resulting in actual future accrued liability and contributions differing from expected;
4. Longevity risk – members may live longer or shorter than expected and receive pensions for a period of time other than assumed;
5. Other demographic risks – members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future accrued liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example if the investment return is less (or more) than the assumed rate, the cost of the Plan can be expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

Risk assessment was outside the scope of this report. Risk assessment may include scenario tests, sensitivity tests, stochastic modeling, stress tests, and a comparison of the present value of accrued benefits at low-risk discount rates with the actuarial accrued liability. We are prepared to perform such assessment to aid the Board in the decision making process.

Additional Disclosures

This report was prepared at the request of the Plan Administrator and is intended for use by the Board of Trustees, and those designated or approved by the Board. This report may be provided to parties other than the System only in its entirety and only with the permission of the Board of Trustees.

The purpose of this report is to describe the immediate financial effect of the proposed plan changes. This report should not be relied on for any purpose other than the purpose described above. GRS is not responsible for unauthorized use of this report.

The calculations in this report are based upon information furnished by the Plan Administrator for the October 1, 2018 Actuarial Valuation concerning Plan benefits, financial transactions, plan provisions and active members, terminated members, retirees and beneficiaries. We reviewed this information for internal and year-to-year consistency, but did not audit the data. We are not responsible for the accuracy or completeness of the information provided by the Plan Administrator.

This report complements the October 1, 2018 actuarial valuation report, dated March 4, 2019, and should be considered in conjunction with that report. Except for the changes in plan provisions and assumptions described herein, this report is based on the same assumptions, methods, plan provisions, census data, and financial information as summarized in our October 1, 2018 actuarial valuation report. Please refer to the October 1, 2018 actuarial valuation report for summaries and descriptions of this information and for all relevant actuarial disclosures.

The calculations are based upon assumptions regarding future events, which may or may not materialize. They are also based on the assumptions, methods, and plan provisions outlined in this report. If you have reason to believe that the assumptions that were used are unreasonable, that the plan provisions are incorrectly described, that important plan provisions relevant to this proposal are not described, or that conditions have changed since the calculations were made, you should contact the author of this report prior to relying on information in this report.

The computed contribution amounts presented herein may be considered as a minimum contribution that complies with the pension Board's funding policy and the State statutes. The timely receipt of the actuarially determined contributions is critical to support the financial health of the Plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.

This report has been prepared by actuaries who have substantial experience valuing public employee retirement systems. To the best of our knowledge the information contained in this report is accurate and fairly presents the actuarial position of the Dania Beach Police and Firefighters Retirement System as of the valuation date. All calculations have been made in conformity with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board and with applicable statutes.

Melissa Moskovitz and Dina Lerner are members of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinions contained herein.

The signing actuaries are independent of the plan sponsor.

Respectfully submitted,

Melissa R. Moskovitz, MAAA, FCA
Enrolled Actuary No. 17-06467

Dina Lerner, ASA, MAAA, FCA
Enrolled Actuary No. 17-08236

DANIA BEACH POLICE AND FIREFIGHTERS RETIREMENT SYSTEM

Impact Statement – October 17, 2019

Description of Amendments

The proposed Ordinance amends the Plan as follows:

In compliance with newly adopted Florida Statutes Chapter 112.1816, the following additional provisions are added to the Plan for firefighters:

- As provided and subject to the limitations in section 112.1816, Florida Statues, effective July 1, 2019, a firefighter member shall be considered to be totally and permanently disabled in the line of duty if he or she meets the Plan's definition of Totally and Permanently Disabled due to a diagnosis of cancer or circumstances that arise out of the treatment of such cancer.
- As provided and subject to the limitations in section 112.1816, Florida Statutes, effective July 1, 2019, a firefighter member shall be considered to have died in the line of duty if he or she dies as a result of cancer or circumstances that arise out of the treatment of such cancer.

Funding Implications of Amendment

An actuarial cost estimate is attached.

Certification of Administrator

I believe the amendment to be in compliance with Part VII, Chapter 112, Florida Statutes and Section 14, Article X of the Constitution of the State of Florida.

_____

For the Board of Trustees
as Plan Administrator

SUPPLEMENTAL ACTUARIAL VALUATION REPORT

Plan

Dania Beach Police and Firefighters Retirement System

Valuation Date

October 1, 2018

Date of Report

October 17, 2019

Report Requested by

Board of Trustees

Prepared by

Melissa R. Moskovitz and Dina Lerner

Group Valued

All active and inactive police officers and firefighters

Changes in Plan Provisions

The proposed Ordinance amends the Plan as follows:

In compliance with newly adopted Florida Statutes Chapter 112.1816, the following additional provisions are added to the Plan for firefighters:

- As provided and subject to the limitations in section 112.1816, Florida Statues, effective July 1, 2019, a firefighter member shall be considered to be totally and permanently disabled in the line of duty if he or she meets the Plan's definition of Totally and Permanently Disabled due to a diagnosis of cancer or circumstances that arise out of the treatment of such cancer.
- As provided and subject to the limitations in section 112.1816, Florida Statutes, effective July 1, 2019, a firefighter member shall be considered to have died in the line of duty if he or she dies as a result of cancer or circumstances that arise out of the treatment of such cancer.

Changes in Actuarial Assumptions and Methods

In conjunction with the proposed benefit provision changes, the proportion of firefighter disabilities that are assumed to be service-connected (versus non-service connected) was increased from 75% to 85%, and the proportion of firefighter deaths that are assumed to be incurred in the line of duty was increased from 50% to 75%.

All other actuarial assumptions and methods are the same as those used in the October 1, 2018 Actuarial Valuation Report.

Some of the key assumptions/methods are:

Investment Return – 6.75% per year
Salary Scale – 6.00% per year
Mortality and Mortality Improvement Projection Scale – same assumptions as used in the July 1, 2018 Actuarial Valuation of the Florida Retirement System for Special Risk class members.

Amortization Period for New Changes in Actuarial Accrued Liability

5 years

Actuarial Impact of Changes

See attached page(s).

Special Risks Involved with the Changes That the Plan Has Not Been Exposed to Previously

None

ACTUARIALLY DETERMINED EMPLOYER CONTRIBUTION (ADEC) POLICE AND FIRE COMBINED			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. ADEC to Be Paid During Fiscal Year Ending (Contribution Year)	9/30/2020	9/30/2020	
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	
D. Annual Payment to Amortize Unfunded Actuarial Liability	$ 6,211,566	$ 6,210,840	$ (726)
E. Employer Normal Cost	502,258	503,283	1,025
F. ADEC if Paid on the Valuation Date: D+E	6,713,824	6,714,123	299
G. ADEC Adjusted for Frequency of Payments	6,990,098	6,990,410	312
H. ADEC as % of Covered Payroll	N/A %	N/A %	N/A %
I. Expected Covered Payroll for Contribution Year*	1,694,308	1,694,308	0
J. ADEC for Contribution Year	6,990,098	6,990,410	312
K. Estimated Chapter 175/185 Credit in Contribution Year	191,945	191,945	0
L. Total Required BSO/City Contribution in Contribution Year: J - K**	6,798,153	6,798,465	312
M. Total Required BSO/City Contribution as % of Covered Payroll in Contribution Year: L / I	N/A %	N/A %	N/A %

* Excludes picked-up member contributions.

** To be allocated between BSO and the City in accordance with the current agreement.

ACTUARIALLY DETERMINED EMPLOYER CONTRIBUTION (ADEC) -- POLICE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. ADEC to Be Paid During Fiscal Year Ending (Contribution Year)	9/30/2020	9/30/2020	
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	
D. Annual Payment to Amortize Unfunded Actuarial Liability	$ 852,580	$ 852,580	$ 0
E. Employer Normal Cost	0	0	0
F. ADEC if Paid on the Valuation Date: D+E	852,580	852,580	0
G. ADEC Adjusted for Frequency of Payments	887,664	887,664	0
H. ADEC as % of Covered Payroll	N/A %	N/A %	N/A %
I. Expected Covered Payroll for Contribution Year	0	0	0
J. ADEC for Contribution Year	887,664	887,664	0
K. Estimated Chapter 185 Credit in Contribution Year	67,890	67,890	0
L. Total Required BSO/City Contribution in Contribution Year: J - K	819,774	819,774	0
M. Total Required BSO/City Contribution as % of Covered Payroll in Contribution Year: L / I	N/A %	N/A %	N/A %

ACTUARIALLY DETERMINED EMPLOYER CONTRIBUTION (ADEC) -- FIRE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. ADEC to Be Paid During Fiscal Year Ending (Contribution Year)	9/30/2020	9/30/2020	
C. Assumed Dates of Employer Contributions	Quarterly	Quarterly	
D. Annual Payment to Amortize Unfunded Actuarial Liability	$ 5,358,986	$ 5,358,260	$ (726)
E. Employer Normal Cost	502,258	503,283	1,025
F. ADEC if Paid on the Valuation Date: D+E	5,861,244	5,861,543	299
G. ADEC Adjusted for Frequency of Payments	6,102,434	6,102,746	312
H. ADEC as % of Covered Payroll	360.17 %	360.19 %	0.02 %
I. Expected Covered Payroll for Contribution Year*	1,694,308	1,694,308	0
J. ADEC for Contribution Year: H x I	6,102,434	6,102,746	312
K. Estimated Chapter 175 Credit in Contribution Year	124,055	124,055	0
L. Required BSO/City Contribution in Contribution Year: J - K**	5,978,379	5,978,691	312
M. Required BSO/City Contribution as % of Covered Payroll in Contribution Year: L / I	352.85 %	352.87 %	0.02 %

* Excludes picked-up member contributions.

** To be allocated between BSO and the City in accordance with the current agreement.

ACTUARIAL VALUE OF BENEFITS AND ASSETS

POLICE AND FIRE COMBINED

A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Actuarial Present Value of All Projected Benefits for			
1. Active Members			
a. Service Retirement Benefits	$ 19,353,526	$ 19,353,526	$ -
b. Vesting Benefits	16,558	16,558	-
c. Disability Benefits	579,903	580,396	493
d. Preretirement Death Benefits	180,061	180,103	42
e. Return of Member Contributions	-	-	-
f. Total	20,130,048	20,130,583	535
2. Inactive Members			
a. Service Retirees & Beneficiaries	55,922,343	55,922,343	-
b. Disability Retirees	2,766,097	2,766,097	-
c. Terminated Vested Members	-	-	-
d. Total	58,688,440	58,688,440	-
3. Total for All Members	78,818,488	78,819,023	535
C. Actuarial Accrued (Past Service) Liability (Entry Age Normal)	75,863,314	75,860,117	(3,197)
D. Plan Assets			
1. Market Value	59,904,889	59,904,889	-
2. Actuarial Value	58,181,007	58,181,007	-
E. Unfunded Actuarial Accrued Liability	17,682,307	17,679,110	(3,197)
F. Funded Ratio: D2/C	76.7 %	76.7 %	0.0 %
G. Actuarial Present Value of Projected Covered Payroll	6,972,890	6,972,890	-
H. Actuarial Present Value of Projected Member Contributions	1,715,331	1,715,331	-
I. Accumulated Contributions of Active Members	4,605,379	4,605,379	-

ACTUARIAL VALUE OF BENEFITS AND ASSETS -- POLICE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Actuarial Present Value of All Projected Benefits for			
1. Active Members			
a. Service Retirement Benefits	$ -	$ -	$ -
b. Vesting Benefits	-	-	-
c. Disability Benefits	-	-	-
d. Preretirement Death Benefits	-	-	-
e. Return of Member Contributions	-	-	-
f. Total	-	-	-
2. Inactive Members			
a. Service Retirees & Beneficiaries	6,778,732	6,778,732	-
b. Disability Retirees	464,305	464,305	-
c. Terminated Vested Members	-	-	-
d. Total	7,243,037	7,243,037	-
3. Total for All Members	7,243,037	7,243,037	-
C. Actuarial Accrued (Past Service) Liability (Entry Age Normal)	7,243,037	7,243,037	-
D. Plan Assets			
1. Market Value	4,958,643	4,958,643	-
2. Actuarial Value	4,801,407	4,801,407	-
E. Unfunded Actuarial Accrued Liability	2,441,630	2,441,630	-
F. Funded Ratio: D2/C	66.3 %	66.3 %	0.0 %
G. Actuarial Present Value of Projected Covered Payroll	-	-	-
H. Actuarial Present Value of Projected Member Contributions	-	-	-
I. Accumulated Contributions of Active Members	-	-	-

ACTUARIAL VALUE OF BENEFITS AND ASSETS -- FIRE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Actuarial Present Value of All Projected Benefits for			
1. Active Members			
a. Service Retirement Benefits	$ 19,353,526	$ 19,353,526	$ -
b. Vesting Benefits	16,558	16,558	-
c. Disability Benefits	579,903	580,396	493
d. Preretirement Death Benefits	180,061	180,103	42
e. Return of Member Contributions	-	-	-
f. Total	20,130,048	20,130,583	535
2. Inactive Members			
a. Service Retirees & Beneficiaries	49,143,611	49,143,611	-
b. Disability Retirees	2,301,792	2,301,792	-
c. Terminated Vested Members	-	-	-
d. Total	51,445,403	51,445,403	-
3. Total for All Members	71,575,451	71,575,986	535
C. Actuarial Accrued (Past Service) Liability (Entry Age Normal)	68,620,277	68,617,080	(3,197)
D. Plan Assets			
1. Market Value	54,946,246	54,946,246	-
2. Actuarial Value	53,379,600	53,379,600	-
E. Unfunded Actuarial Accrued Liability	15,240,677	15,237,480	(3,197)
F. Funded Ratio: D2/C	77.8 %	77.8 %	0.0 %
G. Actuarial Present Value of Projected Covered Payroll	6,972,890	6,972,890	-
H. Actuarial Present Value of Projected Member Contributions	1,715,331	1,715,331	-
I. Accumulated Contributions of Active Members	4,605,379	4,605,379	-

CALCULATION OF EMPLOYER NORMAL COST
POLICE AND FIRE COMBINED

A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Normal Cost for			
1. Service Retirement Benefits	$ 604,958	$ 604,958	$ -
2. Vesting Benefits	34,417	34,417	-
3. Disability Benefits	58,197	58,977	780
4. Preretirement Death Benefits	15,500	15,745	245
5. Return of Member Contributions	11,731	11,731	-
6. Total for Future Benefits	724,803	725,828	1,025
7. Assumed Amount for Administrative Expenses	194,255	194,255	-
8. Total Normal Cost	919,058	920,083	1,025
As % of Covered Payroll	54.24 %	54.30 %	0.06 %
C. Expected Member Contribution	416,800	416,800	-
As % of Covered Payroll	24.60 %	24.60 %	0.00 %
D. Employer Normal Cost: B8-C	502,258	503,283	1,025
As % of Covered Payroll	29.64 %	29.70 %	0.06 %

CALCULATION OF EMPLOYER NORMAL COST -- POLICE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Normal Cost for			
1. Service Retirement Benefits	$ -	$ -	$ -
2. Vesting Benefits	-	-	-
3. Disability Benefits	-	-	-
4. Preretirement Death Benefits	-	-	-
5. Return of Member Contributions	-	-	-
6. Total for Future Benefits	-	-	-
7. Assumed Amount for Administrative Expenses	-	-	-
8. Total Normal Cost	-	-	-
As % of Covered Payroll	N/A %	N/A %	N/A %
C. Expected Member Contribution	-	-	-
As % of Covered Payroll	N/A %	N/A %	N/A %
			-
D. Employer Normal Cost: B8-C	-	-	-
As % of Covered Payroll	N/A %	N/A %	N/A %

CALCULATION OF EMPLOYER NORMAL COST -- FIRE			
A. Valuation Date	October 1, 2018 *Valuation*	October 1, 2018 *Plan Changes*	*Increase/ (Decrease)*
B. Normal Cost for			
1. Service Retirement Benefits	$ 604,958	$ 604,958	$ -
2. Vesting Benefits	34,417	34,417	-
3. Disability Benefits	58,197	58,977	780
4. Preretirement Death Benefits	15,500	15,745	245
5. Return of Member Contributions	11,731	11,731	-
6. Total for Future Benefits	724,803	725,828	1,025
7. Assumed Amount for Administrative Expenses	194,255	194,255	-
8. Total Normal Cost	919,058	920,083	1,025
As % of Covered Payroll	54.24 %	54.30 %	0.06 %
C. Expected Member Contribution	416,800	416,800	-
As % of Covered Payroll	24.60 %	24.60 %	0.00 %
D. Employer Normal Cost: B8-C	502,258	503,283	1,025
As % of Covered Payroll	29.64 %	29.70 %	0.06 %

PARTICIPANT DATA		
	October 1, 2018 *Valuation*	October 1, 2018 *After Changes*
ACTIVE MEMBERS - POLICE		
Number	0	0
Covered Annual Payroll	$ 0	$ 0
Average Annual Payroll	$ 0	$ 0
Average Age	0.0	0.0
Average Past Service	0.0	0.0
Average Age at Hire	0.0	0.0
ACTIVE MEMBERS - FIRE		
Number	15	15
Covered Annual Payroll*	$ 1,694,308	$ 1,694,308
Average Annual Payroll*	$ 112,954	$ 112,954
Average Age	46.5	46.5
Average Past Service	20.7	20.7
Average Age at Hire	25.8	25.8
RETIREES, BENEFICIARIES & DROP		
Number	65	65
Annual Benefits	$ 4,502,811	$ 4,502,811
Average Annual Benefit	$ 69,274	$ 69,274
Average Age	62.3	62.3
DISABILITY RETIREES		
Number	10	10
Annual Benefits	$ 307,731	$ 307,731
Average Annual Benefit	$ 30,773	$ 30,773
Average Age	69.2	69.2
TERMINATED VESTED MEMBERS		
Number	0	0
Annual Benefits	$ 0	$ 0
Average Annual Benefit	$ 0	$ 0
Average Age	0.0	0.0

* Excludes picked-up member contributions.

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Ordinance

Continued from:

Requested Action (Identify appropriate Action or Motion)
ADOPT ORDINANCE APPROVING THE REQUEST MADE BY LEIGH ROBINSON KERR, ON BEHALF OF BEJL 4200 REAL ESTATE, LLC, TO AMEND CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" (TX-155-19) TO AMEND THE MAXIMUM ALLOWED DENSITY IN THE MULTIPLE-FAMILY(25 DU/AC) RESIDENTIAL DISTRICT (RM-2);

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
CM TX-155-19 1st reading OPT, O-2020-002 Text Amendment (TX-155-19) to Multifamily Residential (RM-2) Zoning District (Sheridan House), TX-155-19 app & backup OPT

CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
MEMORANDUM

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

DATE: January 14, 2019

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, City Manager, ICMA-CM

VIA: Candido Sosa-Cruz, Assistant City Manager

BY: Marc LaFerrier, AICP, Director
Corinne Lajoie, AICP, Planning and Zoning Manager

SUBJECT: **TX-155-19:** The applicant, Leigh Robinson Kerr & Associates, on behalf of the property owner BEJL 4200 Real Estate LLC., is requesting a text amendment to amend the density provision in Multiple-Family Residential (RM-2) zoning districts (SECOND READING).

Request

TEXT AMENDMENT

To allow the density in Multiple-Family Residential (RM-2) zoning districts to be twenty-five (25) dwelling units per acre, or as determined by the City Commission.

Background

The applicant is requesting to amend the existing Multiple-Family Residential (RM-2) zoning district by added a footnote to Section 205-10, entitled Schedule of lot, yard and bulk regulations, to allow additional density, above the twenty-five (25) dwelling units per acre, to be assigned to a project as determined by the City Commission through the allocation of residential flexibility units, reserve units or a land use plan map designation. The assignment of additional units would be on a project by project bases and depending upon availability of flexibility and/or reserve units.

The Planning and Zoning Board recommended approval of the request on November 21, 2019. The City Commission approved this item on first reading on December 10, 2019.

This application request will require two (2) public hearings with the City Commission.

Budgetary Impact

None

Recommendation

Approve the ordinance on second and final reading.

ORDINANCE NO. 2020-002
SECOND READING

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE REQUEST MADE BY LEIGH ROBINSON KERR, ON BEHALF OF BEJL 4200 REAL ESTATE, LLC, TO AMEND CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" (TX-155-19) TO AMEND THE MAXIMUM ALLOWED DENSITY IN THE MULTIPLE-FAMILY (25 DU/AC) RESIDENTIAL DISTRICT (RM-2); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Article VIII, Section 2 of the Florida Constitution, and Chapter 166, Florida Statutes, provide municipalities the authority to exercise any power for municipal purposes, except where prohibited by law, and to adopt ordinances in furtherance of such authority; and

WHEREAS, Objective V of the Future Land Use Element of the City of Dania Beach (the "City") Comprehensive Plan provides that the City will maintain land development regulations and zoning regulations to implement the City's Comprehensive Plan; and

WHEREAS, the City Commission finds it periodically necessary to amend its Code of Ordinances and Land Development Code ("Code") in order to update regulations and procedures to implement municipal goals and objectives; and

WHEREAS, City staff recommends approval of a proposed change to the Code as shown below; and

WHEREAS, the Planning and Zoning Board, sitting as the City's Local Planning Agency, has reviewed this Ordinance, and has determined that it is consistent with the City's Comprehensive Plan; and

WHEREAS, pursuant to Section 166.041 (c)(2), Florida Statutes, notice has been given by publication in a newspaper of general circulation in the City, notifying the public of this proposed Ordinance and of the time and dates of the public hearings; and

WHEREAS, two (2) public hearings were held before the City Commission pursuant to the published notice described above; and

WHEREAS, the City Commission finds that adoption of this Ordinance through its police powers will protect the public health, safety, and welfare of the residents of the City, and furthers the purpose, goals, objectives, and policies of the City's Comprehensive Plan;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the preceding "WHEREAS" clauses are ratified and incorporated as a record of the legislative intent of this Ordinance.

Section 2. That Part 2, "Site Development Regulations," Article 205, "Tabular Summary of Site Development Standards For All Zoning Districts," Section 205-10(b) "PRD-1 And Multiple-Family Districts" of the City of Dania Beach Land Development Code is amended to read as follows:

ARTICLE 205. - TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS.*

* * *

Sec. 205-10. - Schedule of lot, yard and bulk regulations.

* * *

(B) PRD-1 AND MULTIPLE-FAMILY DISTRICTS	LOT			DENSITY	BULK		YARDS					ADDITIONAL REGULATIONS
	MINIMUM			MAXIMUM	MAXIMUM		MINIMUM					
	Area (Sq. Ft.)	Width (Ft.)	Depth (Ft.)	Density (DU/Gross Acre)	Height (Stories/ Ft.)	Coverage (Percent)	Front (Ft.)	Interior Side Both/One (Ft.)	Rear (Ft.)	Corner side (Ft.)	Interior of lot between buildings (Ft.)	
RM-1 District RM-2 District												
					* * *							
Multifamily	40,000 sf	150	200	RM-1: 15.00 RM-2: 25.00[7]	5/55 [1]	35	25	55/25	30	25	section 215-120	N/A

Multifamily (when reducing plot coverage for increased height subject to section 220-30)	RM-1, 2	40,000 sf	150	200		8/90	25	25	55/25	30	25	section 215-120	N/A
	RM-2 only	10 acres	150	200		15/150	25	25	55/25	30	25	section 215-120	N/A

* * *

[7] RM-2 maximum density shall be 25 DU/AC or as determined by the City Commission through the allocation of residential flexibility units, reserve units, or a land use plan map designation.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed to such extent of the conflict.

Section 5. That this Ordinance shall take full effect immediately upon its passage and adoption.

PASSED on first reading on December 10, 2019.

PASSED AND ADOPTED on second reading on January 14, 2020.

ATTEST:

THOMAS SCHNEIDER, CMC
CITY CLERK

LORI LEWELLEN
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

NOTICE OF PUBLIC HEARING
CITY OF DANIA BEACH, FLORIDA

A Public Hearing will be conducted by the City of Dania Beach City Commission meeting on the following date to consider the following application:

DATE: Tuesday, December 10, 2019
TIME: 7:00 p.m. or as soon thereafter as the same may be heard
PLACE: City Commission Chambers
Dania Beach City Hall
100 West Dania Beach Blvd.
Dania Beach, FL 33004

SUBJECT: **TX-155-19**: The applicant, Leigh Robinson Kerr & Associates, on behalf of the property owner BEJL 4200 Real Estates LLC., is requesting a text amendment to amend the density provision in Multiple-Family Residential (RM-2) zoning district (First Reading).

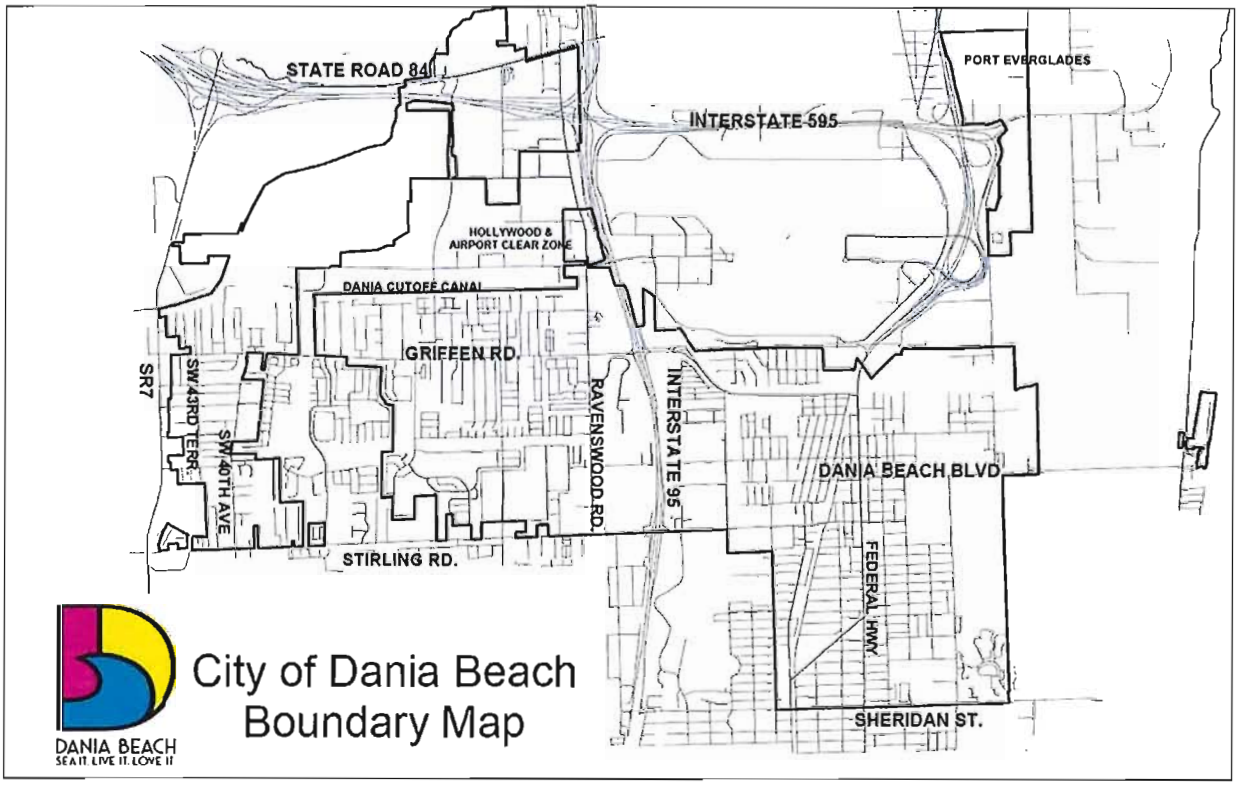
The following is the hearing of the proposed Resolution.

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE REQUEST MADE BY LEIGH ROBINSON KERR, ON BEHALF OF BEJL 4200 REAL ESTATE, LLC, TO AMEND CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE *205,* "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" (TX-155-19) TO AMEND THE MAXIMUM ALLOWED DENSITY IN THE MULTIPLE-FAMILY (10 DU/AC) RESIDENTIAL DISTRICT (RM-2); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Copies of the proposed requests are available for viewing in the Community Development Department, 100 West Dania Beach Boulevard, Dania Beach, Florida 33004, and may be inspected by the public during normal business hours. For more information please call the Planning Division at (954) 924-6805 Ext. 3643.

Please be advised that if a person decides to appeal any decision made by Local Planning Agency, the Planning and Zoning Board or the City Commission with respect to any matter considered at this hearing, such person will need a verbatim record of the proceedings and for this purpose such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to based. The city does not provide or prepare such record pursuant to f.s. 286.0105.

In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's office, 100 West Dania Beach Boulevard, Dania Beach, Florida 33004 (954) 924-6800 Ext. 3624, at least 48 hours prior to the meeting.



Application Information

Application Site: City Wide

Project: To request a text amendment to amend the density provision in Multiple-Family Residential (RM-2) zoning districs.

Application: Text amendment

Applicant: Leigh Robinson Kerr & Associates on behalf of property owner BEJL 4200 Real Estates LLC

Hearing Date & Time: December 10, 2019 at 7:00 PM

Hearing Location: City Hall Commission Chambers – 100 W. Dania Beach Blvd.

Contact Information: Corinne Lajoie, AICP (954) 924-6805 Ext. 3704

Leigh Robinson Kerr
& Associates, Inc.
Member, American Institute of Certified Planners

October 15, 2019

Marc LaFerrier
Community Development Director
City of Dania Beach
100 W. Dania Beach Blvd.
Dania Beach, FL 33004

Re: RM-2 Zoning Code Text Amendment Narrative

Dear Mr. LaFerrier,

On behalf of BEJL 4200 Real Estate, LLC, ("Applicant"), we have prepared this supporting memorandum to provide justification for the proposed text amendment to the City of Dania Beach Code of Ordinances proposing an amendment to the RM-2 zoning district.

The Applicant owns the property generally located on the south side of S.W. 54th Court between SR7/441 and S.W. 40th Avenue in the City of Dania Beach. The property can be further identified by Broward County Property Appraiser folio numbers 5041-3612-0010 and 5041-3601-0391. The Subject property is currently designated CF and RD-8000. The Applicant proposes to rezone the subject property to RM-2 with the amended text outlined below and attached (Exhibit A).

The Applicant proposes to develop the subject property with a 275-unit multi-family development. The Applicant recognizes the benefits of the RM-2 zoning district regulations for multi-family development and believes that the zoning district would benefit the redevelopment of the subject property for the proposed multi-family project, but for the maximum density of 25 dwelling units per acre.

Based on the purpose of the RM-2 zoning district, it is believed that the proposed amendment to the zoning district will positively impact redevelopment efforts and multi-family development opportunities within the City.

If you have any questions or require additional information, please do not hesitate to contact me.

Sincerely,

Leigh R. Kerr, AICP
President

• Planning • Zoning • Land Use • Expert Testimony •
808 East Las Olas Boulevard, Suite 104, Fort Lauderdale, Florida 33301
Phone (954) 467-6308 Fax (954) 467-6309
lkerr808@bellsouth.net • www.LeighRobinsonKerr.com
Established 1985

EXHIBIT A

Proposed Zoning Code Text Amendment

Sec. 205-10. - Schedule of lot, yard and bulk regulations.

(B) PRD-1 AND MULTIPLE-FAMILY DISTRICTS		LOT			DENSITY	BULK		YARDS					ADDITIONAL REGULATIONS
		MINIMUM			MAXIMUM	MAXIMUM		MINIMUM					
		Area (Sq. Ft.)	Width (Ft.)	Depth (Ft.)	Density (DU/Gross Acre)	Height (Stories/Ft.)	Coverage (Percent)	Front (Ft.)	Interior Side Both/One (Ft.)	Rear (Ft.)	Corner side (Ft.)	Interior of lot between buildings (Ft.)	
RM-1 District RM-2 District													
Multifamily		40,000 sf	150	200	RM-1: 15.00 RM-2: 25.00[7]	5/55[1]	35	25	55/25	30	25	section 215-120	N/A
Multifamily (when reducing plot coverage for increased height subject to section 220-30)	RM-1, 2	40,000 sf	150	200		8/90	25	25	55/25	30	25	section 215-120	N/A
	RM-2 only	10 acres	150	200		15/150	25	25	55/25	30	25	section 215-120	N/A

[1] Five-story—Fifty-five (55) feet, plus one (1) additional foot for each foot of ceiling height of each story over eight (8) feet six (6) inches, up to a maximum of sixty-two (62) feet.

[2] Subject to the maximum permitted density of the underlying land use plan designation or allocation of residential flexibility or reserve units.

[3] Seven (7) feet on each side for one-story buildings and fifteen (15) feet on each side for two-story buildings in the RO district.

[4] Ten (10) feet for one-story buildings and fifteen (15) feet for two-story buildings in the RO District.

[5] For single-family homes.

[6] One (1) platted lot for new construction, two (2) platted lots for rehabilitation or addition.

[7] RM-2 maximum density 25 DU/AC or as determined by the City Commission through the allocation of residential flexibility units, reserve units, or a land use plan map designation.

Sec. 645-40. Review criteria; city commission action.

A. An application for a rezoning shall be reviewed in accordance with the following criteria:

1. The request is consistent with the city's comprehensive plan; and

   The request is not inconsistent with the City's Comprehensive Plan. The proposed zoning code text change affords the City Commission the ability to approve increased density above 25 du/ac in the RM-2 district through the allocation of flex units, reserve units, or land use map changes.

   Permitted under the rules of the Comprehensive Plan, flex/reserve units may be used/allocated, and land use plan map amendments may be processed, which is consistent with the City's Comprehensive plan.

2. The request is consistent with all applicable redevelopment plans, corridor plans, neighborhood plans, and master plans approved by the city commission; and

   No specific redevelopment plans, corridor plans, neighborhood plans, or master plans apply to the subject site. However, the RM-2 district's development standards ensure compatibility between properties.

3. The request would not give privileges not generally extended to similarly situated property in the area, or result in an isolated district unrelated to adjacent or nearby districts; and

   The proposed zoning district will not give privileges not generally extended to similarly situated property. The proposed change to the text of the RM-2 district would be applicable to any property designated RM-2.

   a. The request furthers the city's adopted community redevelopment plan, if applicable; or

      The subject site is not located within a CRA.

   b. An error or ambiguity must be corrected; or

      Not applicable.

   c. There exists changed or changing conditions which make approval of the request appropriate; or

      Recent development interest in Dania Beach has generated a need for a greater range of housing opportunities in the City. The RM-2 district is currently restricted to a maximum density of 25 du/ac. The ability of the City Commission to allocate flex/reserve units to increase density for land(s) designated RM-2 allows the City to

meet residential demands and refresh the City's housing stock in a discretionary manner.

d. Substantial reasons exist why the property cannot be used in accordance with the existing zoning; or

N/A. The proposed change to the RM-2 district would be applicable to the district on a city-wide basis.

e. The rezoning is appropriate for the orderly development of the city and is compatible with existing (conforming) adjacent land uses, and planned adjacent land uses.

The zoning text change is appropriate for orderly development and would allow for increases in density through the allocation of flex units with City Commission approval. The RM-2 district's development standards ensure compatibility with existing and adjacent land uses.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Zoning Code Text Change *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: _____

Petition No.: _____

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and "**Required Documentation**" checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: REQUEST APPLICABLE CITY-WIDE. Applicant Property: 4200 SW 54 CT Dania Beach FL 33314

Lot(s): _____ **Block:** _____ **Subdivision:** Applicant Property: Sheridan House Plat (105-50)

Recorded Plat Name: Applicant: Sheridan House Plat (105-50)

Folio Number(s): Applicant property: 504136120010, 504136010391 **Legal Description:** See attached survey

Applicant/Consultant/Legal Representative (circle one) Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Blvd. #104, Ft. Laud, FL 33301

Business Telephone: 954-467-6308 **Home:** n/a **Fax:** 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: BEJL 4200 Real Estate LLC

Address of Property Owner: 4200 SW 54 Ct, Dania Beach, FL 33314

Business Telephone: --- **Home:** --- **Fax:** ---

Explanation of Request: Amend Land Development Code Sec. 205.10(B) RM-2. See attached.
For Plats please provide proposed Plat Name for Variances please attach Criteria Statement as per Section 625.40 of the Land Development Code.

Prop. Net Acreage: 7.2 **Gross Acreage:** 7.4 **Prop. Square Footage:** 313,909

Existing Use: Vacant and Special Residential Facility **Proposed Use:** MultiFamily

Updated 06/2016

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Assoc., Inc. and Greenspoon Marder (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 30th DAY OF August, 20 19

By: Orah Lasko
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____
(Signature of Notary Public – State of Florida)

ORAH LASKO
Commission # GG 59516
My Commission Expires
January 03, 2021

Personally known ✓ or Produced Identification _____

Type of Identification produced: _____ or Drivers License _____

*If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach
APPLICATION TYPE AND FEE SCHEDULE

INCOMPLETE SUBMITTALS ARE NOT ACCEPTABLE FOR REVIEW AND PROCESSING.

The following fees shall apply to all applications for land use plan amendments, rezoning, special exception use, variances, site plans and other zoning related applications. These fees are used to defray staff cost in the evaluation of the proposal made and provide for the required notices and public advertisements according to Florida State Statute and the Dania Beach Land Development Code. Should any applicant have more than one type of request to the City, the applications involved should be submitted at the same time. The present City policy is to have concurrent reviews being processed before the final review and actions by the Planning and Zoning Board and/or City Commission. It is the obligation of all applicants to review the appropriate City Codes and design standards related to their proposal before making any application to the City. The standard review process for all development applications are two (2) review cycles. **Any additional review or public notice required by staff or professional consultants due to the incorrect interpretation of the Land Development Code will be charged to the applicant as per "Section 685-10 Cost Recovery for Development Review" of the Dania Beach Land Development Code.**

APPLICATION TYPE	FEE
LAND USE	
Assignment of Flex Units or Acreage	Filing fee = $4,000.00 plus $5.00 per flex, reserve or LAC/RAC unit or hotel room or $100 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
Change of Land Use	Filing fee = $7,000.00, plus $500.00 per acre or portion of area *Includes Staff processing, 2 review cycles, advertising and notice costs*
ZONING	
Change of Zoning (Rezoning)	Less than 2 acres - $2,500.00 Greater than 2 acres - $6,000.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Zoning Code Text Change	Changing the list of Permitted Uses - $6,000.00 General Text - $2,000.00 Includes Staff processing, 2 review cycles, advertising and notice costs
PLAT	(Perimeter) Filing fee = $2550.00 plus $50.00 per acre or portion of such area (Subdivision) Filing fee = $2550.00 plus $100 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
Delegation Request	$1,500.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
SITE PLAN	
Residential, Hotel, Condo-Hotel, Time-Share, Motel	**Filing fee** = $1,000.00 **PLUS** $10.00 per unit **Plus** an initial retainer for cost recovery of consultant services of $5,000.00. Additional consultant service fees may be required. *Includes Staff processing, 2 review cycles, advertising and notice costs*
All other uses	**Filing fee** = $1,000.00 **PLUS** the following: $5.00 : 100 s.f. for 1st 10,000 s.f., $2.00 : 100 s.f. in excess of 10,000 s.f **Plus** an initial retainer for cost recovery of consultant services of $4,000.00. Additional consultant service fees may be required. *Includes Staff processing, 2 review cycles, advertising and notice costs*
Site Plan Revisions	$2,500.00 - *Includes staff processing and up to 2 review cycles.* *Additional variances associated with any revision to a site plan are charged according to the associated variance type.*
Extension of Approval(s) (Site plan, variance, special exception requests)	$1,250.00 – Single Extension (**PLUS**) an additional $ 250.00 for each associated approval

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Ordinance

Continued from:

Requested Action (Identify appropriate Action or Motion)
ADOPT ORDINANCE AMENDING CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" TO AMEND THE MINIMUM LOT WIDTH AND DEPTH, MAXIMUM ALLOWED HEIGHT AND COVERAGE PERCENTAGE, AND THE MINIMUM INTERIOR OR SIDE, REAR, AND CORNER SIDE YARDS FOR TOWNHOUSES IN THE RM-1 AND RM-2 DISTRICTS (TX-165-19);

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
CM TX-165-19 1st reading OPT, O-2020- Text Amendment (TX-165-19) Townhouses in RM-1 and RM-2 Districts, TX-165-19 App & backup OPT

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT
MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M. Garcia, ICMA-CM, City Manager

VIA: Candido Sosa-Cruz, Assistant City Manager

BY: Marc C. LaFerrier, AICP, Director
Corinne Lajoie, AICP, Planning and Zoning Manager

SUBJECT: **TX-165-19:** The applicant, City of Dania Beach, is requesting a text amendment to the City's Unified Land Development Code amending the Multiple Family Residential (RM-1 & RM-2) zoning districts (FIRST READING).

Request

TEXT AMENDMENT

To amend the existing Multiple Family Residential zoning districts development regulations.

Background

Staff is proposing several changes to the development regulations for the RM-1 & RM-2 zoning districts, townhouse development. These changes include the following:

- Lot width from 100 foot minimum to 125 foot minimum;
- Lot depth from 100 foot minimum to 150 foot minimum;
- Height from 35 foot maximum to 30 foot maximum;
- Lot coverage from 40 percent maximum to 35 percent maximum;
- Interior side both/one setback from 20'/10' minimum to 20'/15' minimum; and
- Rear setback from 15 feet minimum to 20 foot minimum.

These changes will preserve greater amounts of open space and setbacks between neighboring properties and new townhouse projects.

The Planning and Zoning Board recommended approval of this request on December 18, 2019. This application requires two (2) public hearings by the City Commission.

Budgetary Impact

The budgetary impacts will be minimal.

Recommendation

Approve the ordinance on first reading.

ORDINANCE NO. 2020-003

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" TO AMEND THE MINIMUM LOT WIDTH AND DEPTH, MAXIMUM ALLOWED HEIGHT AND COVERAGE PERCENTAGE, AND THE MINIMUM INTERIOR OR SIDE, REAR, AND CORNER SIDE YARDS FOR TOWNHOUSES IN THE RM-1 AND RM-2 DISTRICTS (TX-165-19); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Article VIII, Section 2 of the Florida Constitution, and Chapter 166, Florida Statutes, provide municipalities the authority to exercise any power for municipal purposes, except where prohibited by law, and to adopt ordinances in furtherance of such authority; and

WHEREAS, Objective V of the Future Land Use Element of the City of Dania Beach (the "City") Comprehensive Plan provides that the City will maintain land development regulations and zoning regulations to implement the City's Comprehensive Plan; and

WHEREAS, the City Commission finds it periodically necessary to amend its Code of Ordinances and Land Development Code ("Code") in order to update regulations and procedures to implement municipal goals and objectives; and

WHEREAS, City staff recommends approval of a proposed change to the Code as shown below; and

WHEREAS, the Planning and Zoning Board, sitting as the City's Local Planning Agency, has reviewed this Ordinance, and has determined that it is consistent with the City's Comprehensive Plan; and

WHEREAS, pursuant to Section 166.041 (c)(2), Florida Statutes, notice has been given by publication in a newspaper of general circulation in the City, notifying the public of this proposed Ordinance and of the time and dates of the public hearings; and

WHEREAS, two (2) public hearings were held before the City Commission pursuant to the published notice described above; and

WHEREAS, the City Commission finds that adoption of this Ordinance through its police powers will protect the public health, safety, and welfare of the residents of the City, and furthers the purpose, goals, objectives, and policies of the City's Comprehensive Plan;

NOW THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the preceding "WHEREAS" clauses are ratified and incorporated as a record of the legislative intent of this Ordinance.

Section 2. That Part 2, "Site Development Regulations," Article 205, "Tabular Summary of Site Development Standards For All Zoning Districts," Section 205-10(b) "PRD-1 And Multiple-Family Districts" of the City of Dania Beach Land Development Code is amended to read as follows:

ARTICLE 205. - TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS.*

* * *

Sec. 205-10. - Schedule of lot, yard and bulk regulations.

* * *

(B) PRD-1 AND MULTIPLE-FAMILY DISTRICTS	LOT			DENSITY	BULK		YARDS					ADDITIONAL REGULATIONS
	MINIMUM			MAXIMUM	MAXIMUM		MINIMUM					
	Area (Sq. Ft.)	Width (Ft.)	Depth (Ft.)	Density (DU/ Gross Acre)	Height (Stories /Ft.)	Coverage (Percent)	Front (Ft.)	Interior Side Both/ One (Ft.)	Rear (Ft.)	Corner side (Ft.)	Interior of lot between buildings (Ft.)	
RM-1 District RM-2 District												
					* * *							
Townhouses	20,000 total; 250	~~100~~ 125 total; 22 per indivi	~~100~~ 150	12.00	~~35~~ 30	~~40~~ 35% per lot & bldg.	25	20/~~10~~ 15	~~15~~ 20	20	20	sections 230-10, 230-30

	0/unit	dual unit lot				group						

* * *

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed to such extent of the conflict.

Section 5. That this Ordinance shall take full effect immediately upon its passage and adoption.

PASSED on first reading on January 14, 2020.

PASSED AND ADOPTED on second reading on _____, 2020.

ATTEST:

_____
THOMAS SCHNEIDER, CMC
CITY CLERK

_____
LORI LEWELLEN
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

_____
THOMAS J. ANSBRO
CITY ATTORNEY

NOTICE OF PUBLIC HEARING
CITY OF DANIA BEACH, FLORIDA

A Public Hearing will be conducted by the City of Dania Beach Planning & Zoning Board meeting on the following date to consider the following application:

DATE: Wednesday, December 18, 2019
TIME: 7:00 p.m. or as soon thereafter as the same may be heard
PLACE: City Commission Chambers
Dania Beach City Hall
100 West Dania Beach Blvd.
Dania Beach, FL 33004

SUBJECT: **TX-165-19:** The applicant, City of Dania Beach, is requesting a text amendment to the City's United Land Development Code amending the Multiple Family Residential (RM-1 & RM-2) zoning districts.

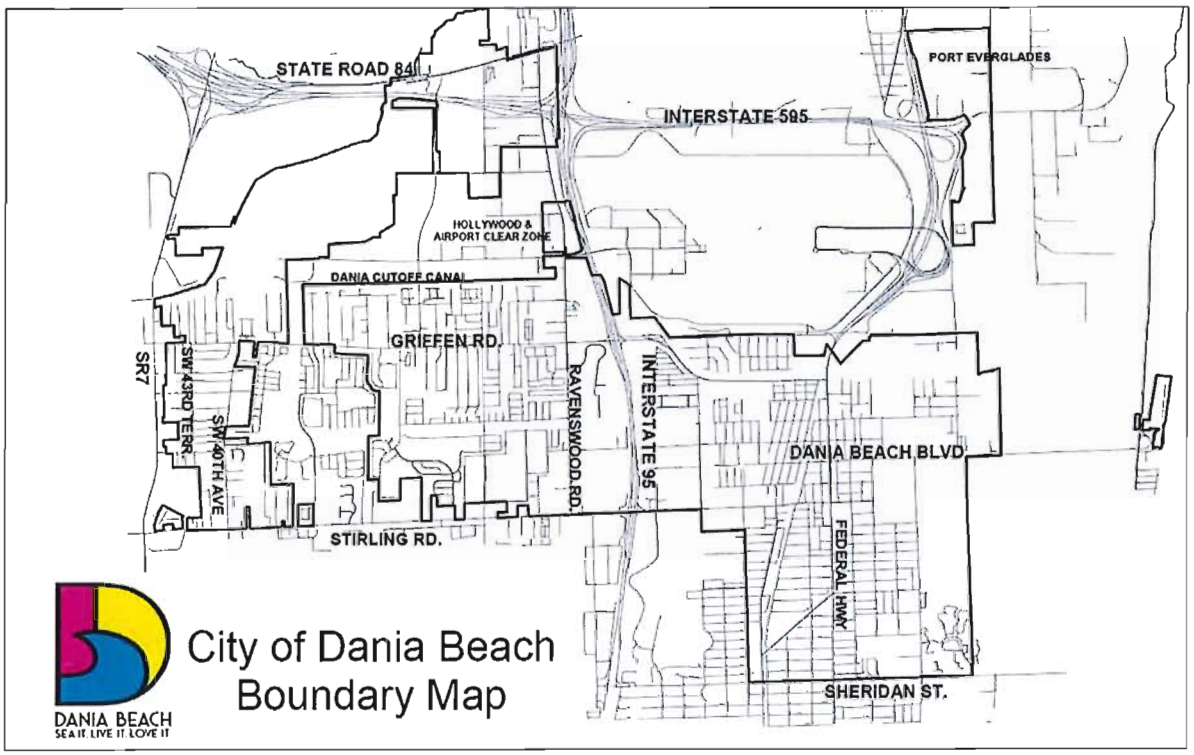
The following is the hearing of the proposed Ordinance.

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING PART 2, "SITE DEVELOPMENT REGULATIONS," ARTICLE 205, "TABULAR SUMMARY OF SITE DEVELOPMENT STANDARDS FOR ALL ZONING DISTRICTS," SECTION 205-10(B) "PRD-1 AND MULTIPLE-FAMILY DISTRICTS" TO AMEND THE MINIMUM LOT WIDTH AND DEPTH, MAXIMUM ALLOWED HEIGHT AND COVERAGE PERCENTAGE, AND THE MINIMUM INTERIOR OR SIDE, REAR, AND CORNER SIDE YARDS FOR TOWNHOUSES IN THE RM-1 AND RM-2 DISTRICTS (TX-165-19); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Copies of the proposed requests are available for viewing in the Community Development Department, 100 West Dania Beach Boulevard, Dania Beach, Florida 33004, and may be inspected by the public during normal business hours. For more information please call the Planning Division at (954) 924-6805 Ext. 3643.

Please be advised that if a person decides to appeal any decision made by Local Planning Agency, the Planning and Zoning Board or the City Commission with respect to any matter considered at this hearing, such person will need a verbatim record of the proceedings and for this purpose such person may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to based. The City does not provide or prepare such record pursuant to f.s. 286.0105.

In accordance with the Americans with Disabilities Act, persons needing assistance to participate in any of these proceedings should contact the City Clerk's office, 100 West Dania Beach Boulevard, Dania Beach, Florida 33004, (954) 924-6800 Ext. 3624, at least 48 hours prior to the meeting.



Application Information

Application Site: City Wide

Project: To amend the Multiple-Family Residential (RM-1 & RM-2) zoning districts.

Application: Text Amendment

Applicant: City of Dania Beach

Hearing Date & Time: December 18, 2019 at 7:00 p.m.

Hearing Location: City Hall Commission Chambers – 100 W. Dania Beach Blvd.

Contact Information: Corinne Lajoie, AICP, (954) 924-6805 Ext. 3704

DANIA BEACH
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City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Text Amd.

Date Rec'd: 11-22-19

Petition No.: TX-165-19

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: City Wide

Lot(s): _____ Block: _____ Subdivision: _____

Recorded Plat Name: _____

Folio Number(s): _____ Legal Description: _____

Applicant/Consultant/Legal Representative **(circle one)** City of Dania Beach

Address of Applicant: 100 W. Dania Beach Blvd

Business Telephone: 954) 924-6805 X3704 Home: _____ Fax: _____

E-mail address: _____

Name of Property Owner: City Wide.

Address of Property Owner: _____

Business Telephone: _____ Home: _____ Fax: _____

Explanation of Request: _____
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: _____ Gross Acreage: _____ Prop. Square Footage: _____

Existing Use: _____ Proposed Use: _____

Is property owned individually, by a corporation, association, or a joint venture?

_____

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize _____ (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 22nd **DAY OF** November**, 20**19

By:

Corinne Lajoie
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of FL**)**

JANICE L SAUNDERS
Notary Public - State of Florida
Commission # GG 257599
My Comm. Expires Sep 11, 2022
Bonded through National Notary Assn.

Personally known ✓ **or Produced Identification** _____

Type of identification produced: _____ **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach
APPLICATION TYPE AND FEE SCHEDULE

INCOMPLETE SUBMITTALS ARE NOT ACCEPTABLE FOR REVIEW AND PROCESSING.

The following fees shall apply to all applications for land use plan amendments, rezoning, special exception use, variances, site plans and other zoning related applications. These fees are used to defray staff cost in the evaluation of the proposal made and provide for the required notices and public advertisements according to Florida State Statute and the Dania Beach Land Development Code. Should any applicant have more than one type of request to the City, the applications involved should be submitted at the same time. The present City policy is to have concurrent reviews being processed before the final review and actions by the Planning and Zoning Board and/or City Commission. It is the obligation of all applicants to review the appropriate City Codes and design standards related to their proposal before making any application to the City. The standard review process for all development applications are two (2) review cycles. **Any additional review or public notice required by staff or professional consultants due to the incorrect interpretation of the Land Development Code will be charged to the applicant as per "Section 685-10 Cost Recovery for Development Review" of the Dania Beach Land Development Code.**

APPLICATION TYPE	FEE
LAND USE	
Assignment of Flex Units or Acreage	Filing fee = $4,000.00 plus $5.00 per flex, reserve or LAC/RAC unit or hotel room or $100 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
Change of Land Use	Filing fee = $7,000.00, plus $500.00 per acre or portion of area *Includes Staff processing, 2 review cycles, advertising and notice costs*
ZONING	
Change of Zoning (Rezoning)	Less than 2 acres - $2,500.00 Greater than 2 acres - $6,000.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Zoning Code Text Change	Changing the list of Permitted Uses - $6,000.00 General Text - $2,000.00 Includes Staff processing, 2 review cycles, advertising and notice costs
PLAT	(Perimeter) Filing fee = $2550.00 plus $50.00 per acre or portion of such area (Subdivision) Filing fee = $2550.00 plus $100 per acre or portion of such area Fire Review $560.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Delegation Request	$1,500.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
SITE PLAN	
Residential, Hotel, Condo-Hotel, Time-Share, Motel	**Filing fee** = $1,000.00 **PLUS** $10.00 per unit **Plus** an initial retainer for cost recovery of consultant services of $5,000.00. Additional consultant service fees may be required. Fire Review $1,120.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
All other uses	**Filing fee** = $1,000.00 **PLUS** the following: $5.00 : 100 s.f. for 1st 10,000 s.f., $2.00 : 100 s.f. in excess of 10,000 s.f **Plus** an initial retainer for cost recovery of consultant services of $4,000.00. Additional consultant service fees may be required. Fire Review $1,120.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Site Plan Revisions	$2,500.00 - *Includes staff processing and up to 2 review cycles.* Fire Review $200.00 *Additional variances associated with any revision to a site plan are charged according to the associated variance type.*
Extension of Approval(s) (Site plan, variance, special exception requests)	$1,250.00 – Single Extension (**PLUS**) an additional $ 250.00 for each associated approval

City of Dania Beach
APPLICATION TYPE AND FEE SCHEDULE

INCOMPLETE SUBMITTALS ARE NOT ACCEPTABLE FOR REVIEW AND PROCESSING.

The following fees shall apply to all applications for land use plan amendments, rezoning, special exception use, variances, site plans and other zoning related applications. These fees are used to defray staff cost in the evaluation of the proposal made and provide for the required notices and public advertisements according to Florida State Statute and the Dania Beach Land Development Code. Should any applicant have more than one type of request to the City, the applications involved should be submitted at the same time. The present City policy is to have concurrent reviews being processed before the final review and actions by the Planning and Zoning Board and/or City Commission. It is the obligation of all applicants to review the appropriate City Codes and design standards related to their proposal before making any application to the City. The standard review process for all development applications are two (2) review cycles. **Any additional review or public notice required by staff or professional consultants due to the incorrect interpretation of the Land Development Code will be charged to the applicant as per "Section 685-10 Cost Recovery for Development Review" of the Dania Beach Land Development Code.**

SPECIAL EXCEPTION	
SPECIAL EXCEPTION (Excluding cell towers)	Filing fee = $3,700.00 plus $200.00 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
SPECIAL EXCEPTION *(Cellular Towers)*	Filing fee = $4,000 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Additional Resubmittal (In addition to the standard (2) review cycles)	Any additional review or public notice required by staff or professional consultants due to the negligence of the applicant will be charged to the applicant as per Article 685-10 Cost recovery for Development Review of the Dania Beach Land Development Code.
VARIANCES, APPEALS & WAIVERS	
Administrative, Single Family	$ 300.00
Administrative, all other	$ 500.00
Single Family/Community Facility	$ 490.00
Duplex	$1,050.00
Triplex	$1,150.00
Multifamily, Hotel, Condo-Hotel (per variance)	$2,300.00
Nonres. (per variance)	$2,000.00
Wall Sign	$ 700.00
Monument Sign	$1,200.00
Pole Sign (As permitted)	$2,400.00
Appeal (single family & comm fac)	$ 650.00
Appeal (all other uses)	$1,925.00
Dumpster Appeal to Com. Dev. Dir.	$ 200.00
Dumpster Appeal to City Com.	$ 500.00
Alcoholic Beverage Variance	$1,250.00
Mobility	$1,400.00
Trafficway Waiver	$4,000.00
Vacation – Road/Easement	$3,500.00
Alcohol Extended Hours License Application	$2,250.00
Alcoholic Beverage Waiver	$1,000.00
Zoning Review: State Liquor License	$ 50.00
Outdoor Seating/Dinning	$ 100.00
Assisted Living Facility	$ 65.00
CRA Grant Application	$ 250.00 *(up to this amount based on scope of work)*
UNSPECIFIED	$ 500.00 **PLUS** any outside costs incurred by the city as per "Section 685-10"
Zoning Information Letter	$ 250.00

Revised – 8-23-11 As per City Commission Approval Resolution #2011-090

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)
ADOPT RESOLUTION APPROVING THE SITE PLAN (SP-145-19), VARIANCES (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19,) AND DESIGN VARIATIONS (OT-172-19, OT-173-19, & OT-174-19) SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC., ON BEHALF OF COMERLAT HOSPITALITY 1, LLC FOR PROPERTY LOCATED AT 321 N. FEDERAL HIGHWAY IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT "A," A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION

Purchasing Requests ONLY		
Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

Exhibits Attached
CM SP-145-19, SR SP-154-19 AVID OPT, R-2020- Avid Hotel Site Plan (SP-145-19), Variances (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, VA-175-19), Design Variations (OT-172-19, , Avid Hotel (Location Map), Avid Plans OPT, Fire Cals-FAA Verification- Storm cals-TDM strategies, AVID app and backup OPT

CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
MEMORADUM

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M, Garcia, City Manager, ICMA-CM

VIA: Candido Sosa-Cruz, Assistant City Manager

BY: Marc C. LaFerrier, AICP, Director
Corinne Lajoie, AICP, Planning and Zoning Manager

RE: **SP-145-19/VA-157-19/VA-158-19/VA-159-19/VA-160-19/VA-161-19/VA-175-19/OT-172-19/OT-173-19/OT-174-19:** The applicant, Leigh Robinson Kerr & Associates, Inc, on behalf of the property owner Comerlat Hospitality 1 LLC, is requesting Site Plan, Variances and Design Variations approval for the property located at 321 N. Federal Highway.

Request

The applicant is requesting several Variances, Design Variations and Site Plan approval for the construction of a one hundred and five (105) room hotel.

Background

The subject property is located on Federal Highway immediately north of the Holocaust Museum. On October 25, 2016 the City Commission approved a Site Plan with Design Variations and Variances, via R-2016-109) on this site. The applicant is proposing a redesign of the site to accommodate contamination and ground cleanup on site.

Budgetary Impact

Approval of this project will allow constructions on a parcel of land that has remained vacate for several years, returning it to the tax base.

Recommendation

Approve the resolution approving Site Plan provided the Variances and Design Variations are approved and provided the remaining DRC comments are made conditions of the approval.

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
MEMORANDUM

DATE: January 14, 2020

TO: Honorable Mayor and Commissioners

FROM: Ana M, Garcia, City Manager, ICMA-CM

VIA: Candido Sosa-Cruz, Assistant City Manager

BY: Marc C. LaFerrier, AICP, Director
Corinne Lajoie, AICP, Planning and Zoning Manager

RE: **SP-145-19/VA-157-19/VA-158-19/VA-159-19/VA-160-19/VA-161-19/VA-175-19/OT-172-19/OT-173-19/OT-174-19:** The applicant, Leigh Robinson Kerr & Associates, Inc, on behalf of the property owner Comerlat Hospitality 1 LLC, is requesting Site Plan, Variances and Design Variations approval for the property located at 321 N. Federal Highway.

Request

VARIANCES

1. To allow thirteen percent (13%) of the required parking to be valet, the Land Development Code (LDC) permits a maximum of ten percent (10%) as valet; per Section 265-120.

2. To allow ten inches (10") between parking space and wall, the LDC requires a minim of two and a half feet (2.5'); per Section 265-140(C).

3. To allow a twenty foot (20') wide access width at the street, the LDC requires a minimum of twenty-five feet (25'); per Section 265-150(E)(2).

4. To allow a zero foot (0') wide perimeter landscape buffer along the west property line, the LDC requires a minimum five foot (5') width; per Section 275-90(C).

5. To provide zero street trees along Federal Highway, the LDC requires street trees the length of the street frontage; per Section 307-20 (A & B).

6. To provide no streetscape elements; the LDC requires street scape elements; per Section 307-20(C).

7. To allow a wall sign on the north and south building elevations, the LDC only permits wall signs on elevations facing a street frontage; per Section 505-90(V).

DESIGN VARIATIONS

1. To allow zero percent (0%) of window area on North building elevation; the LDC requires a minimum of fifteen percent (15%); per Section 510-30 (D & H).

2. To allow no cornice, ornamentations, changes of material or color, and other sculpting of architectural surface as required by the LDC; per Section 525-30 (C).

3. To allow no pitched roof nor overhangs, the LDC requires both, per Section 525-30 (D)

4. To allow a solid wall approximately forty-seven feet (47'3") in length the LDC limits solid walls to no more than twenty linear feet (20'); per Section 525-30 (G).

5. To allow an awning to project five feet (5') and extend approximately fifty-seven feet (56', 10") along building frontage, the LDC requires a seven foot (7') projection for a minimum of eighty percent (80%) of the building frontage; per Section 311-20(E)(4).

SITE PLAN

To allow the construction of a one hundred, five (105) room hotel.

Background

The subject property is located on Federal Highway immediately north of the Holocaust Museum. On October 25, 2016 the City Commission approved a Site Plan with Design Variations and Variances, via R-2016-109) on this site. The applicant is proposing a redesign of the site to accommodate contamination and ground cleanup on site.

VARIANCES

The applicant is requesting several variances, as described below.

1. VALET PARKING

The applicant is requesting to provide thirteen percent (13%) of the required parking to be valet; the Land Development Code (LDC) permits a maximum of ten percent (10%). The applicant sites the shape and small size of the development parcel as generating the need for this request in order to accommodate the parking needs of the hotel. The applicant has prepared a parking demand study which demonstrated during the day the parking demand will be less than at night, therefore the valet hours are proposed to be from 9:00PM – 7:00AM.

2. PARKING SPACE SEPARATION

The applicant is proposing to provide as little as ten inches (10") between a parking space and wall, the LDC requires a minim of two and a half feet (2.5'). The applicant has indicating that the affected parking

spaces are identified as employee parking, which will ensure the persons using the spaces are familiar with the restrains of the space.

3. DRIVEWAY ACCESS

The applicant is proposing to provide a twenty foot (20') wide access width at the street; the LDC requires a minimum of twenty-five feet (25'). The applicant has indicating that a twenty foot access point is commonly accepted as a minimum width for two-way traffic in urban settings.

4. PERIMETER LANDSCAPE BUFFER

The applicant is proposing to provide no landscape buffer between the west property line and parking lot. Immediately to the west of the site are the FEC railroad tracks, therefore providing a landscape buffer is not as critical. Granting this variance will allow the application to fully utilize the site.

5. STREET TREES

The applicant is requesting to provide zero street trees along Federal Highway, the LDC requires street trees the length of the street frontage. The applicant has indicated that FDOT will not permit instillation of trees along the Federal Highway street frontage within the sight triangles, which covers the entire street planting area. Therefore, no street trees can be planted.

6. STREET SCAPE

To applicant is requesting to provide no streetscape elements; the LDC requires street scape elements. The applicant has indicated that FDOT will not permit instillation of any obstacles within the sight triangles, which covers the entire street frontage. Therefore, no street scape furnishings can be provided.

7. WALL SIGNS

The applicant is requested wall signs on the north and south building elevations, the LDC only permits wall signs on elevations facing a street frontage. The applicant indicates the additional signage is to accommodate the Avid Hotel brand, as well as to enhance visibility as passers-by approach the site from Federal Highway.

Section 625 of the City's LDC states, the City Commission or Planning and Zoning Board, if applicable, shall hold its public hearing and, after consideration of the staff recommendation and public input, if any, may deny, approve or approve with conditions the application for variance, based upon its determination that the request meets the criteria identified in Section 625-40, which are identified below.

(1) "That the requested variance maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the city."

(2) "That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community."

(3) "That the requested variance is consistent with, and in furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city."

(4) "That the plight of the petitioner is due to unique circumstances of the property or petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome."

(5) "That the variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community."

The applicant provided a justification statement identifying how their requests are consistent with the Variance criteria.

DESIGN VARIATIONS
Several Design Variations are also being requested, as described below.

1. WINDOW AREA

The applicant is requesting to allow zero percent (0%) of window area on North building elevation; the LDC requires a minimum of fifteen percent (15%). The applicant indicates that the glass area is zero percent on the North elevation due to the Florida Building Code, fire separation and Avid Brand Standards.

2. BUILDING DESIGN

The applicant is request to allow no cornice, ornamentations, changes of material or color, and other sculpting of architectural surface as required by the LDC. The applicant indicates that the East, West, and South building elevations comply, but articulation on the north elevation is minimal due to the Florida Building Code, fire separation and Avid Brand Standards.

3. PITCHED ROOF

The applicant is proposing no pitched roof nor overhangs, the LDC requires both. The applicant indicates that Avid Brand Standards requires a flat roof with no pitches.

4. SOILD WALL

The applicant is proposing a solid wall on the North building elevation approximately fifty-seven feet (57') in length, the LDC limits solid walls to no more than twenty linear feet (20'). The North building elevation provides some movement, scoring, and paint changes, but is largely flat with no windows or doors. The lack of windows and doors is due to the Florida Building Code and fire separation requirements.

5. AWNING

The applicant is proposing to provide an awning with a five feet (5') projection, extend approximately fifty-seven feet (56', 10") along building frontage, the LDC requires a seven foot (7') projection for a minimum of eighty percent (80%) of the building frontage. The applicant is restricted by the FDOT sign triangle restrictions.

Section 301-50 of the City's Land Development Code states that the City Commission or Planning and Zoning Board, if applicable, shall use the following criteria when evaluating requests for design variations:

1. "Whether the request is for a reasonable accommodation of design flexibility that results in overall superior development and design consistent with the intent and principles of this subpart that govern the standard for which variation is requested; or"

2. 'Whether the variation is appropriate to accommodate site conditions not anticipated in these regulations, or to reconcile conflicting requirements, provided the request is generally consistent with the intent and principles of this subpart that govern the standard for which variation is requested.'

The applicant's requests and justification are consistent with the design variation criteria.

SITE PLAN
The Site Plan request is for the construction of a one hundred and five (105) room hotel with surface parking at the rear.

INCENTIVES
The applicant is proposing the use of incentives to achieve a building height of six (6) stories, sixty-four feet (64'); four (4) stories, thirty-five feet (35') is permitted at this location. To do so, the applicant is proposing to utilize the Sustainable Building Practices.

Development Review Committee (DRC)
The site plan was reviewed by the DRC on July 25, 2019 and September 26, 2019 which includes personnel from the BSO Fire, Public Services, the City's landscape consultant and Community Development Department's Planning Division. The applicant has several outstanding staff comments that must be addressed prior to issuance of a building permit, or otherwise specified time frame, which are provided below. The DRC comments are listed as conditions of approval in the site plan resolution and provided below.

Conditions of Approval

1. A Traffic Impact Study was provided. Traffic Statement estimate – Trip Generation Rate(s) Report - gross peak hour trip, based on the latest ITE Manual (10th edition or latest only). The Traffic Impact Study shall be prepared using the roadway level of service standards and trip generation rates. A traffic study shall be prepared in accordance with methods outlined in Transportation Impact Analysis for Site Development, latest editions of the following: An ITE Recommended Practice (RP-020D) published by the Institute of Transportation Engineers, 2010; the 2014 FDOT Transportation Site Impact Handbook; 2013 FDOT Quality/Level of Service Handbook; the 2014 Broward County Comprehensive Plan – Transportation Element; the City of Dania Beach Land Development Code and other related published literatures. Also, provide an analysis and conclusion that this development will not deteriorate the level of service on adjacent roads; if that's the case otherwise provide mitigation measures. It must be approved by the Deputy Director/City Engineer of the Public Works Department. Please provide copy of proof from PWD of its approval (Engineering).
2. Show in Site plan dimensions matching survey along property lines. A sight distance at intersections is pending to be shown distances based on speed and number of lanes within distances as per FDOT IDEX No. 546 Tables, also at driveway show sight triangle of 25'on ROW

line. FDOT Index 546 was not found in Civil Drawings showing minimum distances as per as speed of the road within Passenger Vehicle/SU/Vehicle/Combination Vehicle tables e.g. Number of lanes, Divided /Undivided and ways. Flared, etc. (Engineering)

3. Show dimensions of sidewalks, swales, pavement improvements and other areas along the property on the ROW. Pending to be provided FDOT Permit prior to issuance of Building Permit. (Engineering)
4. The 1.5 multiplier required by Sec. 825-100(A)(5) was removed from the invasive species canopy mitigation correctly, however, it was also removed from the canopy mitigation of non-invasive species such as the live oak and the gumbo limbo. Add the required 1.5 multiplier to the non-invasive species. (Landscape)
5. Comment not addressed: On sheet L-2, provide the canopy (in SF) for every existing tree on site. Add an additional column for canopy (SF) to be removed. (Landscape)
6. Comment not addressed: The proposed plan does not appear to satisfy Sec. 307 streetscape requirements. Street trees are required per Sec. 307-20 and the Community Redevelopment Plan referenced therein. Provide a variance for this code section if it cannot be obtained on-site. (Landscape)
7. The tree replacement price for the Category II invasive palms must include the 2.7 installation multiplier. The total mitigation for the Category II invasive species should be $15,795.00 ($5,850.00 x 2.7). (Landscape)
8. Repeat comment: The note was not added to the plan. Provide a note that root barrier will be installed for any tree or palm planted within 10 feet of any sidewalk, hardscape, or parking area per Sec. 275-190(O). (Landscape)
9. There is no VUA buffer provided on the western perimeter of the site. A VUA perimeter landscape buffer is required per Sec. 275-90(C) and shall be a minimum of 5 feet wide with 1 tree every 40 linear feet and a continuous hedge. Provide a variance for this code section. (Landscape)
10. Four CSG10 (Orange Geiger) trees are proposed on the north property line, however, these trees are no included on the Master Plant List on sheet L-3. Clarify what species these trees are. (Landscape)
11. APPLICATION: Payment missing for 1 Variance and 3 Design Variations (Zoning)
12. Must submit application, application fee, justification statement based on criteria identified in the LDC, and any other documentation necessary for all Variances, Special Exceptions, Waivers, Design Variations, etc needed for the project at time of Site Plan Submittal. Failure to do so will result in delay of the project. 2nd time requested. (Zoning)
13. Per Section 505-90(V) No sign is permitted on the south or north elevation. Remove or request a variance. A variance request requires submittal of an application, an application fee of $2,000 for each requested variance, and a written justification statement addressing the variance criteria identified in Sec. 625-40 of the City's LDR's. Must be addressed with next submittal. VARIANCE – VA-161-19 (Zoning)
14. Per Section 505-90(C) must identify cumulative sign area and deduct proposed s.f. of each proposed sign. Identify if tabular form. Revise Cumulative Sign Area table to identify maximum permitted. (Zoning)

15. The proximity to the airport will be required FAA/BCAD review and approval. Contact William Castillo, Airport Planner with Broward County Aviation Department, located at 2200 SW 45 Street, Suite 101, Dania Beach, FL 33315, (954) 359-6100. 2nd time requested. (Zoning)
16. PARKING: Applicant is proposing: (Zoning)
    a. Alternative Park Standard = reducing to 72 parking spaces required.
    b. Transportation Demand Management (TDM) Strategies = less 10% = 65 parking spaces required
    c. Per Section 265-91(C), to utilize the TDM parking reduction the applicant "shall provide details of the TDM strategies which are being proposed along with the respective parking reduction for each strategy." The information shall detail:
        i. Cost
        ii. Schedule
        iii. Monitoring plan
        iv. Identify a TDM coordinate who will be responsible for the TDM program; &
        v. Other specifics of the respective strategy, as requested by the City.
    d. Identify on site plan location of "priority employee parking' on site plan.
    e. Payment in Lieu = $45,500 (7 X 6,500)
17. Per Section 265-150(E) minimum access width dimension at street for 2-way movement is 25'. Revise accordingly. VARIANCE – VA-157-19 payment of $2,000 due with next submittal. (Zoning)
18. Per Section 265-120 Maximum of 10% (8.4 spaces) of required parking can be valet; 11 valet spaces are proposed. VARIANCE VA-159-19 (Zoning)
19. Per Section 265-14(C) "The clearance between a parking space and wall or other solid obstruction shall be a minimum of 2.5'". Parking spaces #49, 54, & 56 do not meet code. Revise accordingly. VARIANCE – VA-158-19 (Zoning)
20. HEIGHT: Per Figure 303-10, 4-stories permitted by right. The applicant is proposing Sustainable Building Practices incentive to earn the additional 2-stories. Must meet all of the requirements of Section 305-50 prior to issuance of a building permit. (Zoning)
21. RAC TRAFFIC IMPACT MITIGATION: Provide an analysis, signed and sealed by a certified engineer, identifying the amount of CRA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of $21.26 per p.m. peak hour trip. Per The Traffic Impact Statement prepared by Pillar Consultants, Inc. dated 9-25-19 the PM peak # of trips is 53, therefore the applicant must pay $1,126.79 (53 X $21.26) prior to issuance of a building permit. (Zoning)
22. Must provide latest revised set of plans on disk prior to going to public hearing. (Zoning)
23. For the purpose of evaluating flood and roadway conditions and mitigation related to the future development project, all topographic information will include LIDAR spot elevations within 150' of the subject property boundaries. (Zoning)
24. The applicant is encouraged to contact neighbors adjacent to, as well as condominiums and neighborhood associations to advise of this property. Please provide acknowledgement and/or documentation of any public outreach as a separate document to be added to the file. (Zoning)

25. Applicant must obtain a statement from the City Engineer saying that the traffic study/statement submitted by the applicant is complete and accepted prior to public hearing. (Zoning)
26. Applicant must obtain statement from the City Engineer, stating that adequate water supply exists for this project prior to issuance of a building permit. (Zoning)
27. Per O-2017-022, for properties over an acre in size, the applicant must obtain and post property signs in accordance with the NEW City requirements. Please see the end of this document for guidelines. (Zoning)
28. Per O-2017-027 & O-2018-019, commercial properties under construction are required to provide security to fencing with screening showing project rendering covering at least 75% of the length of the fence along an arterial or state right-of-way & 25% for local roads and must include name and intended use of the project, project rendering, project website address, and owner or agent, the telephone number for the owner or agent, and the name and an emergency contact telephone number of the general contractor. Use of City logo/seal requires City Commission approval. Provide screen detail with next submittal. 2nd time requested. (Zoning)
29. Per Section 290-40, identify dimension of dumpster enclosure, minimum is 10' X 10'; 10' X 9'" provided. Revise accordingly. 2nd time requested. (Zoning)
30. Building footprint (6,785) + pervious surface area (5,420) + impervious surface area (21,900) = total site area of 34,094 (34,105). Clarify numbers provided in the Site Development Data table. 2nd time requested. (Zoning)

Budgetary Impact

Approval of this project will allow constructions on a parcel of land that has remained vacate for several years, returning it to the tax base.

Recommendation

Approve the Site Plan provided all of the Variances and Design Variations are approved and further provided the remaining DRC comments are made condition of the approval to be completed prior to issuance of a building permit.

RESOLUTION NO. 2020-008

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-145-19), VARIANCES (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19,) AND DESIGN VARIATIONS (OT-172-19, OT-173-19, & OT-174-19) SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC., ON BEHALF OF COMERLAT HOSPITALITY 1, LLC FOR PROPERTY LOCATED AT 321 N. FEDERAL HIGHWAY IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT "A," A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Code of Ordinances, Chapter 28, entitled "Land Development Code" (the "LDC"), of Part 6, entitled "Development Review Procedures and Requirements," Article 635, entitled "Site Plans," states that Site Plan approval is required as a condition to the issuance of a building permit; and

WHEREAS, Leigh Robinson Kerr & Associates, Inc., on behalf of Comerlat Hospitality 1, LLC (the "Applicant") is requesting approval of a Site Plan (SP-145-19) to permit the development of a hotel for property located at 321 N. Federal Highway in the City of Dania Beach, Florida (the "City") as legally described in Exhibit "A," a copy of which is made a part of and incorporated into this resolution by this reference; and

WHEREAS, Chapter 28, Part 6 of the LDC, Article 625 "Variances," Section 625-40 states that the City Commission may grant a variance based on its determination that the petitioner has demonstrated that the necessary criteria identified in the LDC have been satisfied; and

WHEREAS, the Applicant is requesting a Variance (VA-157-19) to provide a minimum access width dimension of twenty (20) feet, where LDC Section 265-150(E) requires twenty-five (25) feet; and

WHEREAS, the Applicant is requesting a Variance (VA-158-19) to provide clearance between parking space and wall less than two and one-half (2.5) feet, where LDC Section 265-140 requires a minimum two and one-half (2.5) feet; and

WHEREAS, the Applicant is requesting a Variance (VA-159-19) to provide more than ten (10) percent of required parking as valet, where LDC Section 265-120 only allows up to ten (10) percent of required parking to be provided as valet; and

WHEREAS, the Applicant is requesting a Variance (VA-160-19) to provide a western perimeter landscape buffer of zero (0) feet, where LDC Section 275-90 requires a minimum five (5) foot landscape buffer; and

WHEREAS, the Applicant is requesting a Variance (VA-161-19) to provide wall signs on the north and south sides of the hotel and to provide for the north sign to be eighty-nine (89) square feet, where LDC Section 505-90(V) requires signs to be located on the frontage (east) and north wall signs to be a maximum fifty-six (56) square feet; and

WHEREAS, the Applicant is requesting a Variance (VA-175-19) in order not to provide street trees and streetscape elements, where Section 307-20 requires street trees and streetscape elements to be installed; and

WHEREAS, Chapter 28, Part 3, entitled, "Special Zoning Districts," of Subpart 1, entitled, "Community Redevelopment Area ("CRA") Form-Based Zoning District" of Article 301, entitled, "Legal and Administrative Provisions" of Section 301-50, entitled, "Variations In Design; Procedures For Review Of Design Variations," provides that the City Commission is authorized to approve design variations within certain districts, if they are consistent with the intent of that section in lieu of the variance process provided for in Article 625, entitled, "Variances," of the LDC; and

WHEREAS, the Applicant is requesting a Design Variation (OT-172-19) to provide an awning projecting five feet (5') and extending approximately fifty-seven linear feet (56' 10"), where LDC Section 311-209(E) requires an awning to project seven feet (7') and extend approximately one hundred, twenty feet (120') or eighty percent (80%) of the building frontage; and

WHEREAS, the Applicant is requesting a Design Variation (OT-173-19) to allow no cornice, ornamentations, changes of material or color and other sculpting of architectural surfaces, no pitched roof overhang, and to allow a solid wall approximately forty-seven feet (47'3") in length, where LDC Section 525-30(C, D, & G) requires architectural ornamentations, pitched roofs and solid walls no more than twenty linear feet (20'); and

WHEREAS, the Applicant is requesting a Design Variation (OT-174-19) to provide a solid wall on the north building elevation with zero percent (0%) window area, where Section 510-30 (D & H) requires a minimum of fifteen percent (15%) ; and

WHEREAS, the City Commission conducted a duly noticed public hearing in accordance with Article 610 of the LDC; and

WHEREAS, the City Commission finds that the approval of the Site Plan (SP-145-19), Variances (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19), and Design Variations (OT-172-19, OT-173-19, & OT-174-19) will protect the health, safety, and welfare of the residents of the City, and furthers the purpose, goals, objectives and policies of the Comprehensive Plan;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA:

Section 1. That the foregoing "WHEREAS" clauses are ratified and confirmed as being true and correct and they are made a specific part of this Resolution.

Section 2. That pursuant to Chapter 28 "Land Development Code," Part 6 "Development Review Procedures and Requirements," Article 635 "Site Plan," the following Site Plan (SP-145-19), attached as Exhibit "B," which is made a part of and incorporated into this Resolution by reference is approved.

Section 3. Pursuant to Chapter 28 "Land Development Code," Part 6 "Development Review Procedures and Requirements," Article 625 "Variances," the following Variance applications (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19) are approved consistent with the attached Site plan provided in Exhibit "B."

Section 4. Pursuant to Part 3, entitled, "Special Zoning Districts," of Subpart 1, entitled, "Community Redevelopment Area ("CRA") Form-Based Zoning District" of Article 301, entitled, "Legal and Administrative Provisions" of Section 301-50, entitled, "Variations In Design; Procedures For Review Of Design Variations" the application for Design Variations (OT-172-19, OT-173-19, and OT-174-19) is approved consistent with the attached Site Plan provided in Exhibit "B."

Section 5. That the approvals granted by this Resolution are subject to the Applicant's compliance with the following conditions:

1. A Traffic Impact Study was provided. Traffic Statement estimate – Trip Generation Rate(s) Report - gross peak hour trip, based on the latest ITE Manual (10th edition or latest only). The Traffic Impact Study shall be prepared using the roadway level of service standards and trip generation rates. A traffic study shall be prepared in accordance with methods outlined in Transportation Impact Analysis for Site Development, latest editions of the following: An ITE Recommended Practice (RP-020D) published by the

Institute of Transportation Engineers, 2010; the 2014 FDOT Transportation Site Impact Handbook; 2013 FDOT Quality/Level of Service Handbook; the 2014 Broward County Comprehensive Plan – Transportation Element; the City of Dania Beach Land Development Code and other related published literatures. Also, provide an analysis and conclusion that this development will not deteriorate the level of service on adjacent roads; if that's the case otherwise provide mitigation measures. It must be approved by the Deputy Director/City Engineer of the Public Works Department. Please provide copy of proof from PWD of its approval (Engineering).

2. Show in Site plan dimensions matching survey along property lines. A sight distance at intersections is pending to be shown distances based on speed and number of lanes within distances as per FDOT IDEX No. 546 Tables, also at driveway show sight triangle of 25'on ROW line. FDOT Index 546 was not found in Civil Drawings showing minimum distances as per as speed of the road within Passenger Vehicle/SU/Vehicle/Combination Vehicle tables e.g. Number of lanes, Divided /Undivided and ways. Flared, etc. (Engineering)

3. Show dimensions of sidewalks, swales, pavement improvements and other areas along the property on the ROW. Pending to be provided FDOT Permit prior to issuance of Building Permit. (Engineering)

4. The 1.5 multiplier required by Sec. 825-100(A)(5) was removed from the invasive species canopy mitigation correctly, however, it was also removed from the canopy mitigation of non-invasive species such as the live oak and the gumbo limbo. Add the required 1.5 multiplier to the non-invasive species. (Landscape)

5. Comment not addressed: On sheet L-2, provide the canopy (in SF) for every existing tree on site. Add an additional column for canopy (SF) to be removed. (Landscape)

6. Comment not addressed: The proposed plan does not appear to satisfy Sec. 307 streetscape requirements. Street trees are required per Sec. 307-20 and the Community Redevelopment Plan referenced therein. Provide a variance for this code section if it cannot be obtained on-site. (Landscape)

7. The tree replacement price for the Category II invasive palms must include the 2.7 installation multiplier. The total mitigation for the Category II invasive species should be $15,795.00 ($5,850.00 x 2.7). (Landscape)

8. Repeat comment: The note was not added to the plan. Provide a note that root barrier will be installed for any tree or palm planted within 10 feet of any sidewalk, hardscape, or parking area per Sec. 275-190(O). (Landscape)

9. There is no VUA buffer provided on the western perimeter of the site. A VUA perimeter landscape buffer is required per Sec. 275-90(C) and shall be a minimum of 5 feet wide with 1 tree every 40 linear feet and a continuous hedge. Provide a variance for this code section. (Landscape)

10. Four CSG10 (Orange Geiger) trees are proposed on the north property line, however, these trees are no included on the Master Plant List on sheet L-3. Clarify what species these trees are. (Landscape)

11. APPLICATION: Payment missing for 1 Variance and 3 Design Variations (Zoning)

12. Must submit application, application fee, justification statement based on criteria identified in the LDC, and any other documentation necessary for all Variances, Special Exceptions, Waivers, Design Variations, etc needed for the project at time of Site Plan Submittal. Failure to do so will result in delay of the project. 2nd time requested. (Zoning)

13. Per Section 505-90(V) No sign is permitted on the south or north elevation. Remove or request a variance. A variance request requires submittal of an application, an application fee of $2,000 for each requested variance, and a written justification statement addressing the variance criteria identified in Sec. 625-40 of the City's LDR's. Must be addressed with next submittal. VARIANCE – VA-161-19 (Zoning)

14. Per Section 505-90(C) must identify cumulative sign area and deduct proposed s.f. of each proposed sign. Identify if tabular form. Revise Cumulative Sign Area table to identify maximum permitted. (Zoning)

15. The proximity to the airport will be required FAA/BCAD review and approval. Contact William Castillo, Airport Planner with Broward County Aviation Department, located at 2200 SW 45 Street, Suite 101, Dania Beach, FL 33315, (954) 359-6100. 2nd time requested. (Zoning)

16. PARKING: Applicant is proposing: (Zoning)
    a. Alternative Park Standard = reducing to 72 parking spaces required.
    b. Transportation Demand Management (TDM) Strategies = less 10% = 65 parking spaces required
    c. Per Section 265-91(C), to utilize the TDM parking reduction the applicant "shall provide details of the TDM strategies which are being proposed along with the respective parking reduction for each strategy." The information shall detail:
        i. Cost
        ii. Schedule
        iii. Monitoring plan
        iv. Identify a TDM coordinate who will be responsible for the TDM program; &
        v. Other specifics of the respective strategy, as requested by the City.
    d. Identify on site plan location of "priority employee parking' on site plan.
    e. Payment in Lieu = $45,500 (7 X 6,500)

17. Per Section 265-150(E) minimum access width dimension at street for 2-way movement is 25'. Revise accordingly. VARIANCE – VA-157-19 payment of $2,000 due with next submittal. (Zoning)

18. Per Section 265-120 Maximum of 10% (8.4 spaces) of required parking can be valet; 11 valet spaces are proposed. VARIANCE VA-159-19 (Zoning)

19. Per Section 265-14(C) "The clearance between a parking space and wall or other solid obstruction shall be a minimum of 2.5'". Parking spaces #49, 54, & 56 do not meet code. Revise accordingly. VARIANCE – VA-158-19 (Zoning)

20. HEIGHT: Per Figure 303-10, 4-stories permitted by right. The applicant is proposing Sustainable Building Practices incentive to earn the additional 2-stories. Must meet all of the requirements of Section 305-50 prior to issuance of a building permit. (Zoning)

21. RAC TRAFFIC IMPACT MITIGATION: Provide an analysis, signed and sealed by a certified engineer, identifying the amount of CRA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of $21.26 per p.m. peak hour trip. Per The Traffic Impact Statement prepared by Pillar Consultants, Inc. dated 9-25-19 the PM peak # of trips is 53, therefore the applicant must pay $1,126.79 (53 X $21.26) prior to issuance of a building permit. (Zoning)

22. Must provide latest revised set of plans on disk prior to going to public hearing. (Zoning)

23. For the purpose of evaluating flood and roadway conditions and mitigation related to the future development project, all topographic information will include LIDAR spot elevations within 150' of the subject property boundaries. (Zoning)

24. The applicant is encouraged to contact neighbors adjacent to, as well as condominiums and neighborhood associations to advise of this property. Please provide acknowledgement and/or documentation of any public outreach as a separate document to be added to the file. (Zoning)

25. Applicant must obtain a statement from the City Engineer saying that the traffic study/statement submitted by the applicant is complete and accepted prior to public hearing. (Zoning)

26. Applicant must obtain statement from the City Engineer, stating that adequate water supply exists for this project prior to issuance of a building permit. (Zoning)

27. Per O-2017-022, for properties over an acre in size, the applicant must obtain and post property signs in accordance with the NEW City requirements. Please see the end of this document for guidelines. (Zoning)

28. Per O-2017-027 & O-2018-019, commercial properties under construction are required to provide security to fencing with screening showing project rendering covering at least 75% of the length of the fence along an arterial or state right-of-way & 25% for local roads and must include name and intended use of the project, project rendering, project website address, and owner or agent, the telephone number for the owner or agent, and the name and an emergency contact telephone number of the general contractor. Use of

City logo/seal requires City Commission approval. Provide screen detail with next submittal. 2nd time requested. (Zoning)

29. Per Section 290-40, identify dimension of dumpster enclosure, minimum is 10' X 10'; 10' X 9'" provided. Revise accordingly. 2nd time requested. (Zoning)

30. Building footprint (6,785) + pervious surface area (5,420) + impervious surface area (21,900) = total site area of 34,094 (34,105). Clarify numbers provided in the Site Development Data table. 2nd time requested. (Zoning)

Section 6. That such application must be reviewed by Broward County Aviation Department. The point of contact is William Castillo, Airport Planner located at 220 S.W. 45 Street, Suite 101, Dania Beach, Florida, 33312, (954) 359-6100.

Section 7. That pursuant to LDC Section 635-100 "Expiration of Site Plans," Section 625-50 "Expiration of Variances," the Site Plan (SP-145-19), Variances (VA-157-19, VA-158-19, VA-159-19, VA-160-19, VA-161-19, and VA-175-19), and Design Variations (OT-172-19, OT-173-19, and OT-174-19) approvals shall automatically expire and become null and void unless the Applicant commences with construction of the improvements shown on the Site Plan, within eighteen (18) months from the date of this Resolution.

Section 8. That the issuance of a development order by a municipality does not in any way create any right on the part of an Applicant to obtain a permit from a state or federal agency, and does not create any liability on the part of the municipality for issuance of the development order if the Applicant fails to obtain requisite approvals or does not fulfill the obligations imposed by a state or federal agency, or undertakes actions that result in a violation of state or federal law.

Section 9. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 10. That this Resolution shall be in force and take effect immediately upon its passage and adoption.

PASSED AND ADOPTED on January 14, 2020.

ATTEST:

_____	_____
THOMAS SCHNEIDER, CMC CITY CLERK	LORI LEWELLEN MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

_____

THOMAS J. ANSBRO
CITY ATTORNEY

EXHIBIT A
LEGAL DESCRIPTION

LOTS 5, 6, 7 AND 8, BLOCK G, HANSON-NELSON SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA

LESS:

THE EASTERLY 8.00 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT 5363, SECTION 86010-2103, AT PAGE 3 OF 3.

SAID LANDS SITUATE, LYING, AND BEING IN THE CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA, CONTAINING 33,992.00 SQUARE FEET (0.78 ACRES) MORE OR LESS.

EXHIBIT B
SITE PLAN

ION MAP

57-19/VA-158-19
60-19/VA-161-19
72-19/OT-173-19
74-19

PLAN
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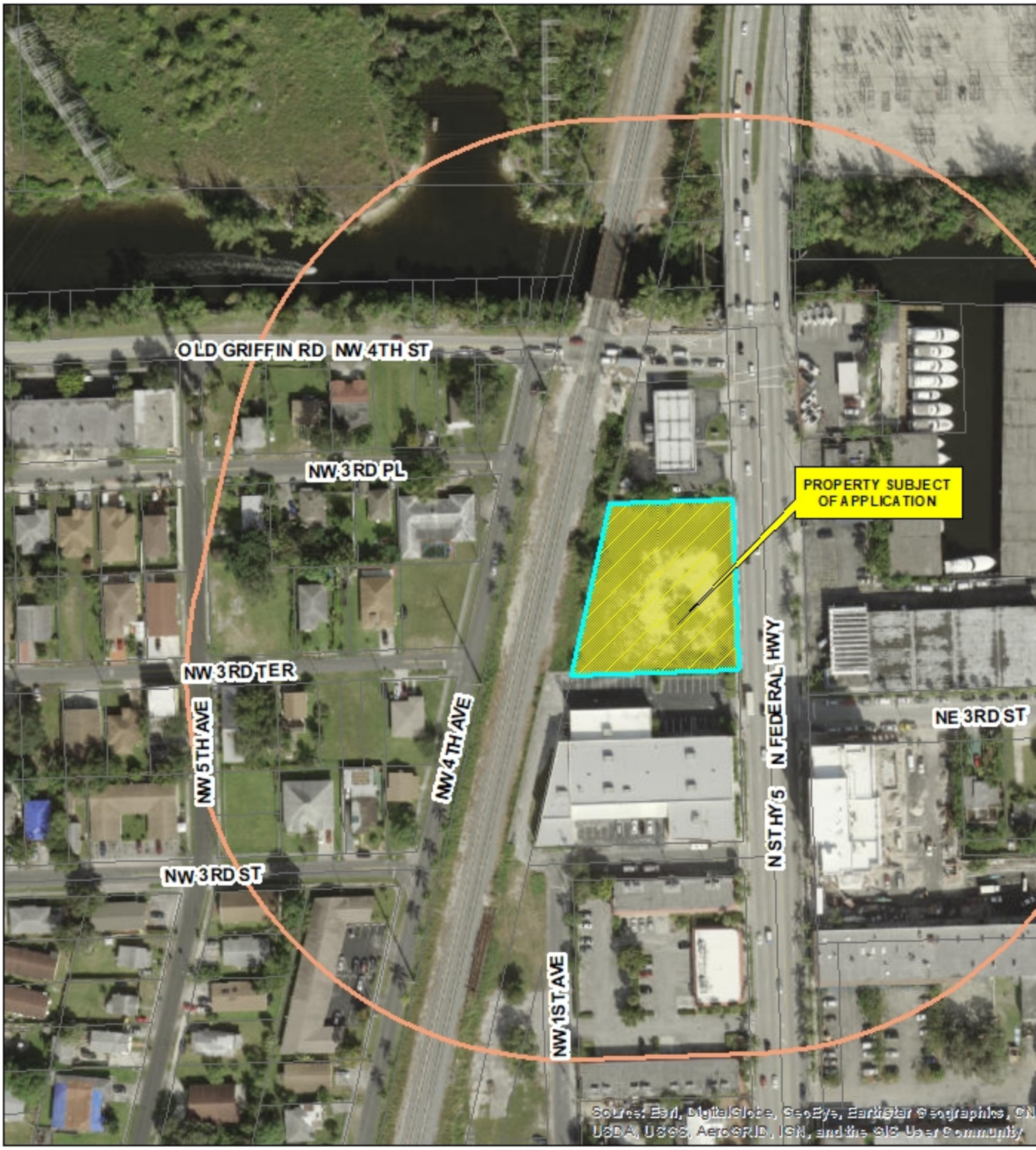
ARIATION

HOTEL
ERAL HWY

FFER
CT PROPERTY

A BEACH
E IT. LOVE IT.

Feet
240 320



PROJECT DESIGN TEAM

ARCHITECTS

ADACHE GROUP ARCHITECTS
550 SOUTH FEDERAL HIGHWAY
FT. LAUDERDALE, FLORIDA 33301
PH.(954) 525-8133 FAX.(954) 728-8159
E-MAIL: info@adache.com
www.adache.com

OWNER

COMERLAT HOSPITALITY 1, LLC
18851 NE 29TH AVENUE SUITE 700
AVENTURA, FLORIDA 33180
PH.(305) 466-4567
E-MAIL: jferraez@comerlat.com.mx

CIVIL

PILLAR CONSULTANTS
5230 S. UNIVERSITY DR.
DAVIE, FLORIDA 33328
PH.(954) 680-6533
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LANDSCAPE

PILLAR CONSULTANTS
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PHOTOMETRICS

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LIST OF DRAWINGS:

ARCHITECTURE

A-0.1	COVER SHEET
A-0.2	SURVEY
A-0.3	SURVEY
A-0.4	EXISTING CONDITIONS
A-0.5	SITE LOCATION PLAN
A-0.6	BUILDING AREA BREAKDOWN
A-0.7	SHADOW STUDY
A-1.0	SITE PLAN
A-1.1	GROUND FLOOR PLAN
A-1.2	2ND-6TH FLOOR PLAN
A-1.3	ROOF PLAN
A-2.1	ELEVATIONS
A-2.2	ELEVATIONS
A-4.1	BUILDING DETAILS
A-4.2	BUILDING DETAILS
A-4.3	BUILDING DETAILS
A-4.4	BUILDING DETAILS
A-4.5	STANDARD DETAILS

avid
AN IHG® HOTEL

DRC RESUBMITTAL 11-08-19
321 N. FEDERAL HIGHWAY, DANIA BEACH FL. 33004

BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK G, HANSON-NELSON SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

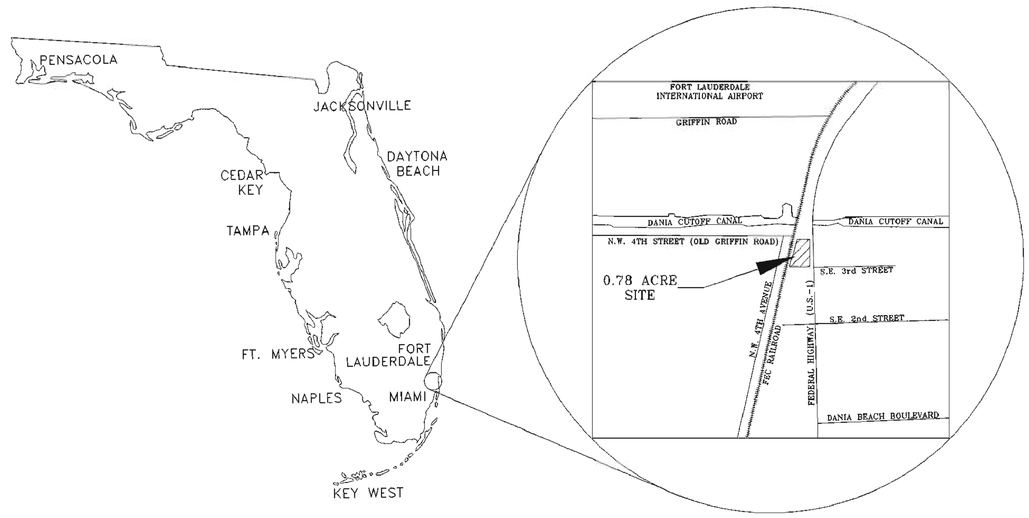
LESS:

THE EASTERLY 8.00 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT 5363, SECTION 86010-2103, AT PAGE 3 OF 3.

SAID LANDS SITUATE, LYING, AND BEING IN THE CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA. CONTAINING 33,992.00 SQUARE FEET (0.78 ACRES) MORE OR LESS.

SURVEY NOTES:

1. THE SURVEY, AS SHOWN HEREON, HAS BEEN PREPARED FOR AVS PROPERTY, LLC., HEREINAFTER KNOW AS THE CLIENT.
2. THE LEGAL DESCRIPTION, AS SHOWN HEREON, IS BASED UPON A WARRANTY DEED, AS RECORDED IN INSTRUMENT NUMBER 112968818, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BEARING REFERENCE:
   THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHWEST ONE-QUARTER (1/4) OF SECTION 34, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   SAID LINE BEARS NORTH 89°42'16" EAST.
4. BENCHMARK REFERENCE:
   NATIONAL GEODETIC SURVEY BENCHMARK D-239. AT THE INTERSECTION OF THE FLORIDA EAST COAST RAILROAD AND OLD GRIFFIN ROAD, IN TOP OF AND 3.6 FEET WEST OF THE EAST END OF THE NORTH CONCRETE ABUTMENT OF THE RAILROAD BRIDGE SPANNING THE DANIA CUT-OFF CANAL, 136.8 FEET NORTH OF THE ROAD CENTERLINE, 8.5 FEET EAST OF THE NEAR RAIL, AND LEVEL WITH THE TRACK.
   ELEVATION = 15.78 (NAVD)
5. THE ELEVATIONS, AS SHOWN HEREON, ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. NO UNDERGROUND IMPROVEMENTS, UTILITIES OR FOUNDATIONS WERE LOCATED. ONLY THOSE ITEMS ABOVE GROUND, VISIBLE AND OBSERVABLE WERE LOCATED.
7. DATE OF LAST FIELD WORK: AUGUST 15, 2019.



LOCATION SKETCH
NOT TO SCALE

LEGEND:

P.B.	- PLAT BOOK	TOP	- TOP OF BANK
PG.	- PAGE	TOS	- TOE OF SLOPE
O.R.B.	- OFFICIAL RECORDS BOOK	TSB	- TRAFFIC SIGNAL BOX
M.D.C.R.	- MIAMI-DADE COUNTY RECORDS	TS	- TRAFFIC SIGNAL
D.C.R.	- DADE COUNTY RECORDS	W/	- WITH
B.C.R.	- BROWARD COUNTY RECORDS	(R)	- PER RECORDS
U.E.	- UTILITY EASEMENT	(P)	- PER PLAT
P.O.B.	- POINT OF BEGINNING	(C)	- AS CALCULATED
EB	- ELECTRIC BOX	(M)	- AS MEASURED
C&G	- CURB & GUTTER	F-ND	- FOUND NAIL & DISC
CLF	- CHAIN-LINK FENCE	F-IRC	- FOUND IRON ROD WITH CAP
B.O.W	- BACK OF WALK	FIP	- FOUND IRON PIPE
CL	- CENTER LINE	F-NAIL	- FOUND NAIL
VG	- VALLEY GUTTER	W-UP	- WOOD UTILTIY POLE
EP	- EDGE OF PAVEMENT	C-UP	- CONCRETE UTILTIY POLE
CO	- CLEAN OUT	OT	- OVERHEAD TELEPHONE LINE
CONC	- CONCRETE	OE	- OVERHEAD ELECTRIC LINE
ALF	- ALUMINUM FENCE	P.R.M	- PERMANENT REFERENCE MONUMENT ALUMINUM DISC STAMPED "PRM LB7024", SET IN CONCRETE OR 4" SQUARE CONCRETE WITH 5/8" REBAR 24" IN LENGTH
(W)	- MONITORING WELL	FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
WV	- WATER VALVE	(D)	- DRAINAGE MANHOLE
	- WATER METER	(S)	- SANITARY MANHOLE
	- FIRE HYDRANT		- LIGHT POLE
(C)	- COMMUNICATION MANHOLE	CB	- CATCH BASIN
	- WOOD UTILITY POLE		

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOSE A. CORREA
PROFESSIONAL SURVEYOR AND MAPPER LS7023
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

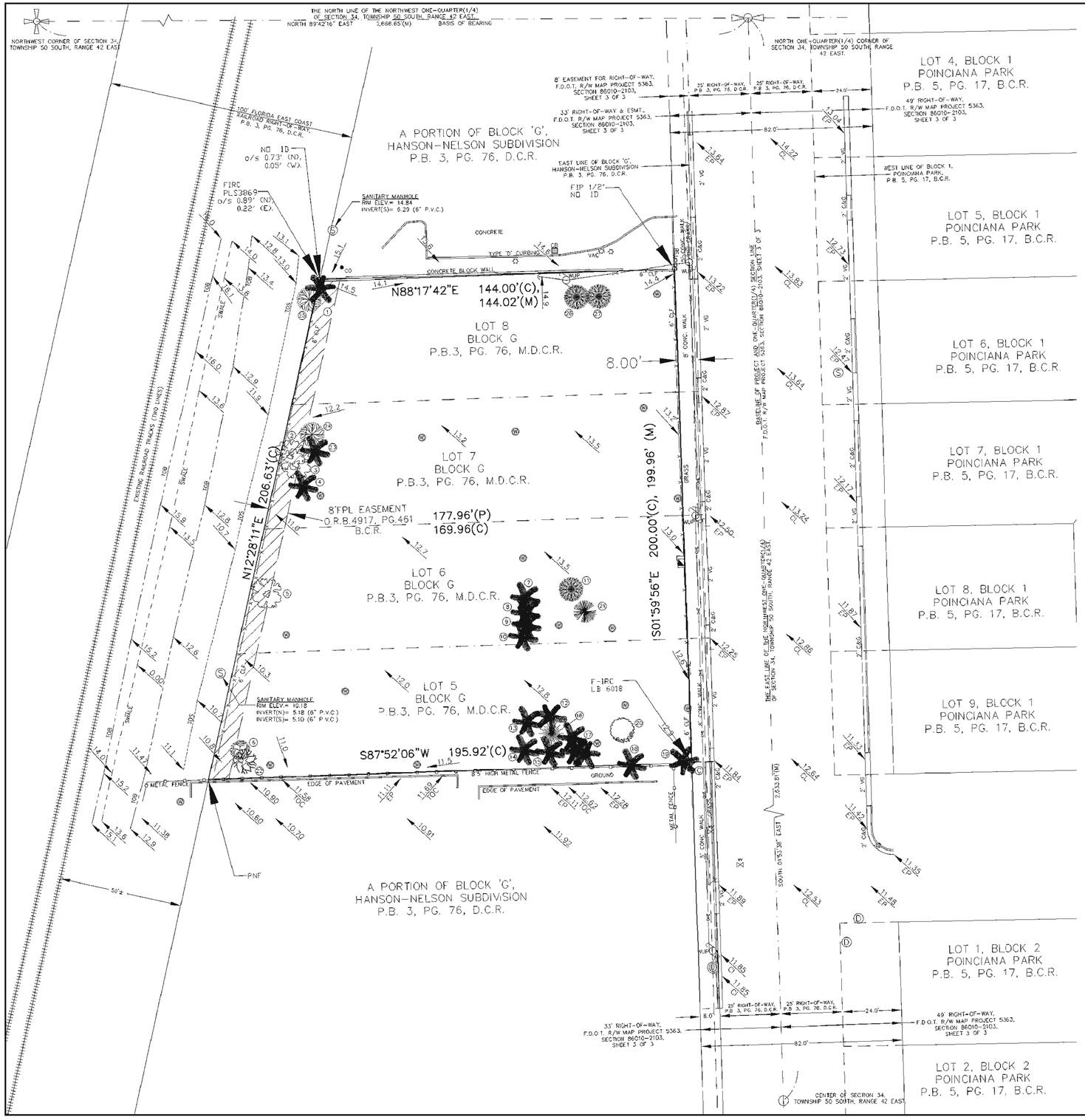
SHEET TITLE
BOUNDARY SURVEY

REVISIONS
UPDATED 08/16/19

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, General Contracting
5230 S. University Drive - Suite 104
Davie, Florida 33328
Phone: (954) 680-6533 Fax: (954) 680-0323
P.E. # 39461

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 07/09/15
DRAWN BY: TNT
SHEET No.
SU-1 OF 2
15011



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7. DATE OF LAST FIELD WORK: OCTOBER 29, 2019.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

TREE LIST:

1. 18" PALM
2. 4" GUMBO LIMBO
3. 24" GUMBO LIMBO
4. 8" PALM
5. 5" GUMBO LIMBO
6. 5" CARROTWOOD
7. 8" PALM
8. 6" PALM
9. 6" PALM
10. 8" PALM
11. 10" FICUS
12. 8" PLAM
13. 5" PALM
14. 8" PALM
15. 12" PALM
16. 7" SHADE
17. PALM CLUSTER
18. 12" PALM
19. 12" PALM
20. 10" CHERRY (SEEM TO BE)
21. SPANISH BAYONET
22. 14" BASE LIVE OAK
23. PALM (CABBAGE)
24. PEPPER TREE
25. PEPPER TREE
26. 7" FICUS
27. 10" FICUS

LEGEND:

P.B.	- PLAT BOOK	TOP	- TOP OF BANK
PG.	- PAGE	TOS	- TOE OF SLOPE
O.R.B.	- OFFICIAL RECORDS BOOK	TSB	- TRAFFIC SIGNAL BOX
M.D.C.R.	- MIAMI-DADE COUNTY RECORDS	TS	- TRAFFIC SIGNAL
B.C.R.	- BROWARD COUNTY RECORDS	W/	- WITH
U.E.	- UTILITY EASEMENT	PNF	- POINT NOT FOUND
P.O.B.	- POINT OF BEGINNING	(R)	- PER PLAT
E.B	- ELECTRIC BOX	(C)	- AS CALCULATED
C&G	- CURB & GUTTER	(M)	- AS MEASURED
CLF	- CHAIN-LINK FENCE	F-NID	- FOUND NAIL & DISC
B.O.W	- BACK OF WALK	F-IRC	- FOUND IRON ROD WITH CAP
CL	- CENTER LINE	FIP	- FOUND IRON PIPE
VG	- VALLEY GUTTER	F-NAIL	- FOUND NAIL
EP	- EDGE OF PAVEMENT	W-UP	- WOOD UTILTIY POLE
CO	- CLEAN OUT	C-UP	- CONCRETE UTILTIY POLE
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WV	- WATER VALVE	FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
	- WATER METER	(D)	- DRAINAGE MANHOLE
	- FIRE HYDRANT	(S)	- SANITARY MANHOLE
(C)	- COMMUNICATION MANHOLE	TOC	- TOP OF CURB
		ESMT.	- EASEMENT

SHEET TITLE

BOUNDARY SURVEY

REVISIONS

UPDATED 08/16/19

UPDATED 10/17/19

UPDATED 10/29/19 (TREES)

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, General Contracting
5230 S. University Drive - Suite 104
Davie, Florida 33328
Phone: (954) 680-6533 Fax: (954) 680-0323
P.E. # 39461

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'

DATE: 07/09/15

DRAWN BY: TNT

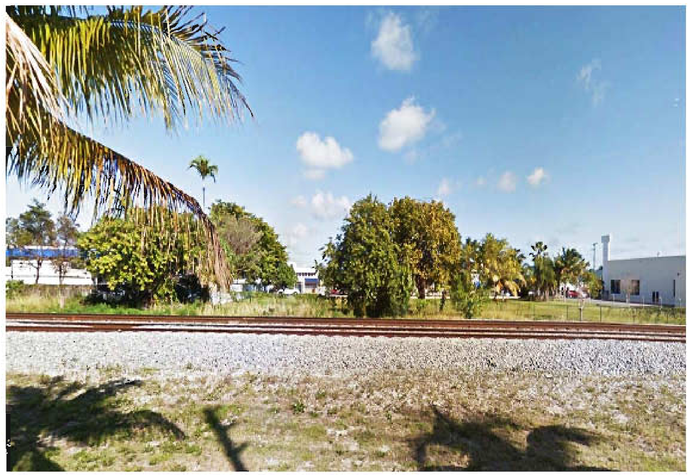
SHEET No. SU-2

15011

8

5

3



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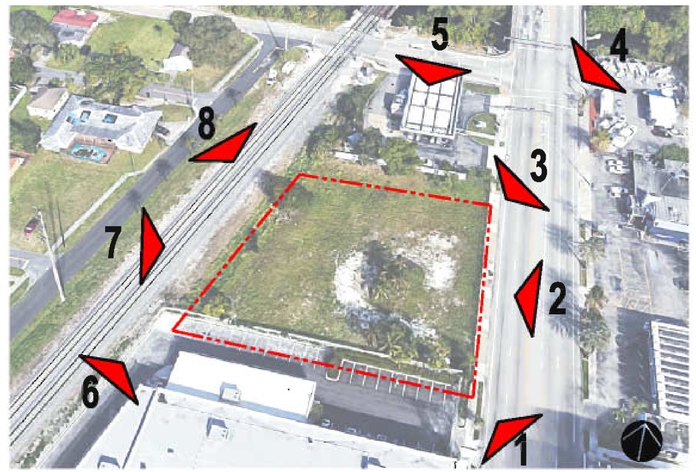
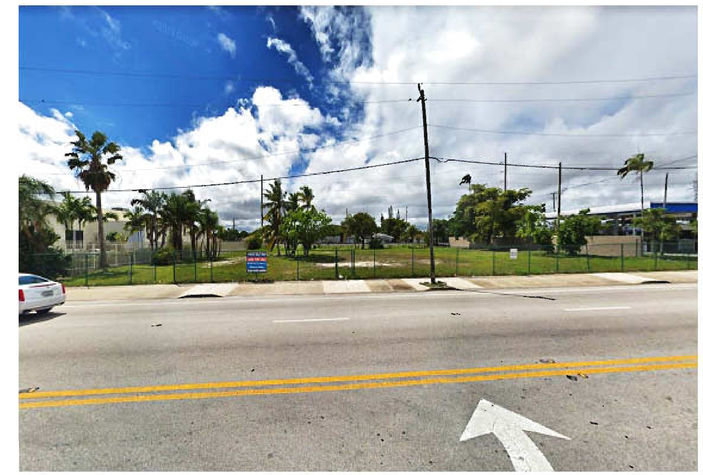


KEYPLAN



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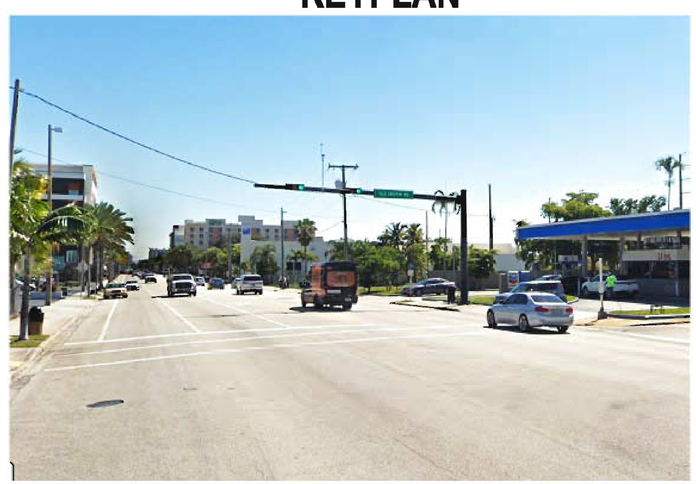

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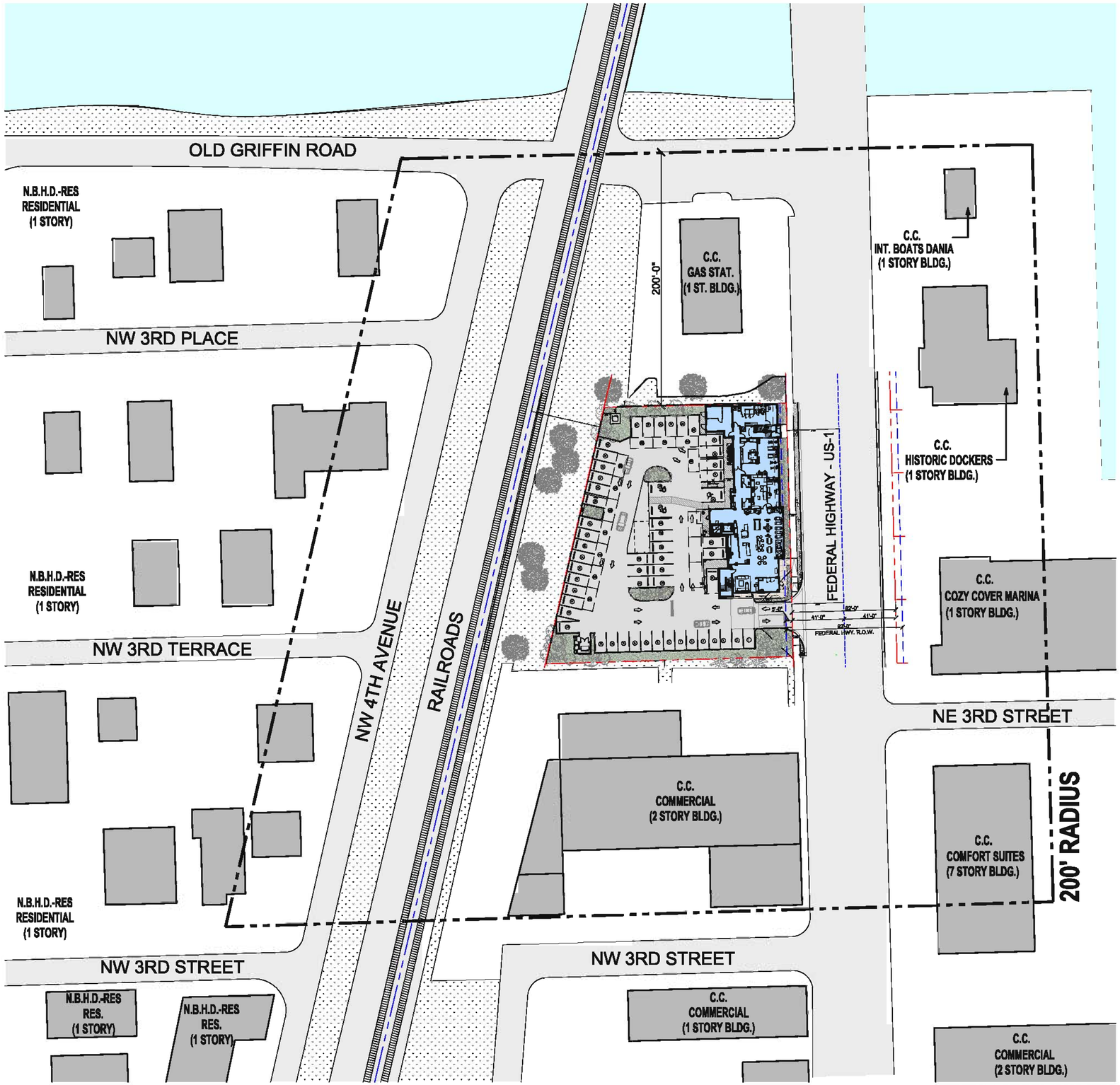
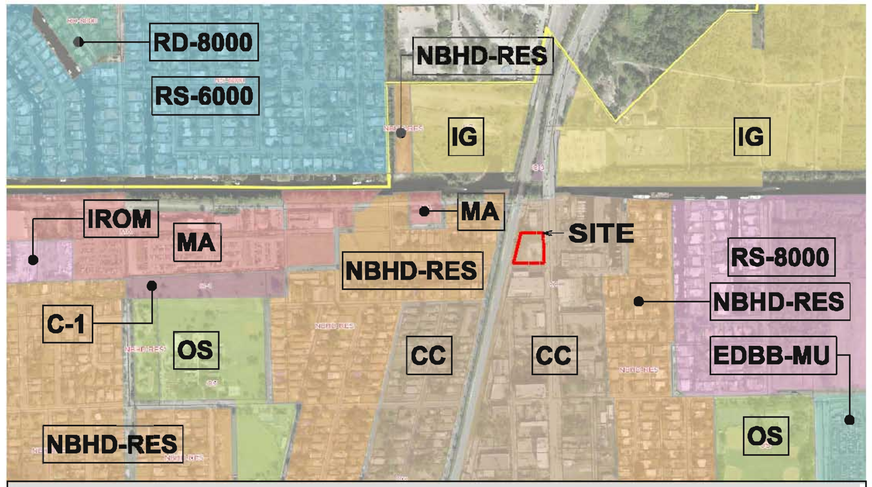


SITE LOCATION PLAN
SCALE: 1" = 40'-0"



EXISTING ZONING (N.T.S.): CITY CENTER (CC) DISTRICT

EXISTING LAND USE (N.T.S.): REGIONAL ACTIVITY CENTER

700' RADIUS MAP (N.T.S.)

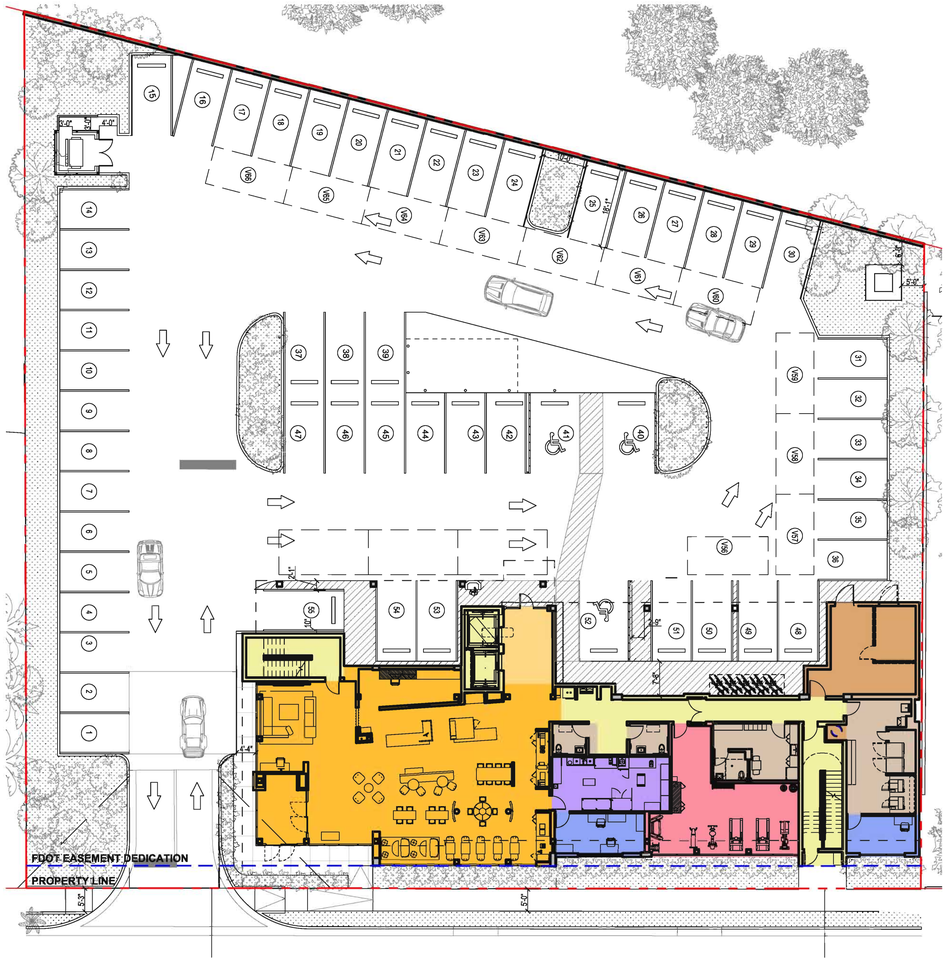
DRC RESUBMITTAL
11-08-19

AVID HOTEL

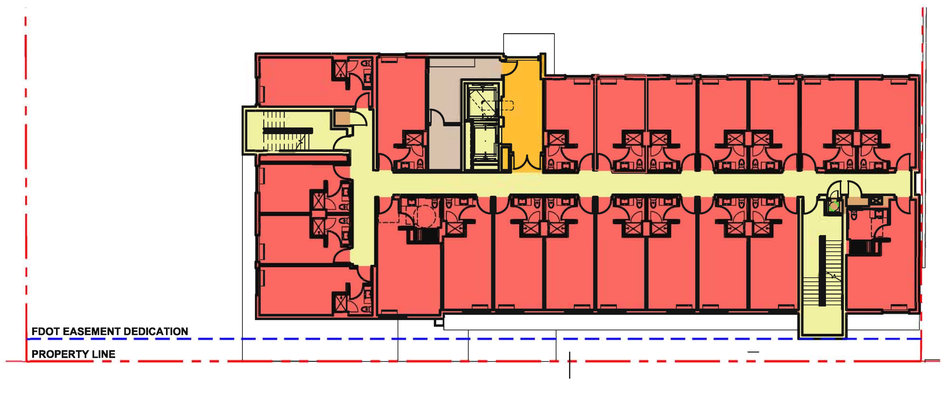
321 N. FEDERAL HIGHWAY, DANIA BEACH, FLORIDA 33004

A-0.5

adache group architects
LIC # AR0027978



LEVEL 1
SCALE : 1/16" = 1' - 0"



LEVEL 2-6 (TYP.)
SCALE : 1/16" = 1' - 0"

	AREA	F.A.R.
LEVEL 1		
SERVICE	805 S.F.	805 S.F.
ELECT. / MECH.	485 S.F.	
CIRCULATION	1,219 S.F.	1,219 S.F.
ELEVATOR LOBBY	202 S.F.	202 S.F.
HOTEL LOBBY	2,703 S.F.	2,703 S.F.
GYM	672 S.F.	672 S.F.
OFFICES	360 S.F.	360 S.F.
PANTRY	332 S.F.	332 S.F.
LEVEL 1 TOTAL	**6,778 S.F.**	**6,293 S.F.**
LEVEL 2-6		
SERVICE	251 S.F.	251 S.F.
ELECT. / MECH.	49 S.F.	
CIRCULATION	1,583 S.F.	1,583 S.F.
ELEVATOR LOBBY	253 S.F.	253 S.F.
HOTEL ROOMS	6,205 S.F.	6,205 S.F.
	8,341 S.F.	**8,292 S.F.**
LEVEL 2-6 TOTAL (X5)	**41,705 S.F.**	**41,460 S.F.**

	AREA	F.A.R.
LEVEL 1	**6,778 S.F.**	**6,293 S.F.**
LEVEL 2-6	**41,705 S.F.**	**41,460 S.F.**
TOTAL:	**48,483 S.F.**	**47,753 S.F.**
	F.A.R. =	**1.4**

BUILDING AREA BREAKDOWN
SCALE : 1/32" = 1'

DEC 22ND - 9AM

SCALE : 1" = 100'-0"

JUN 22ND - 9AM

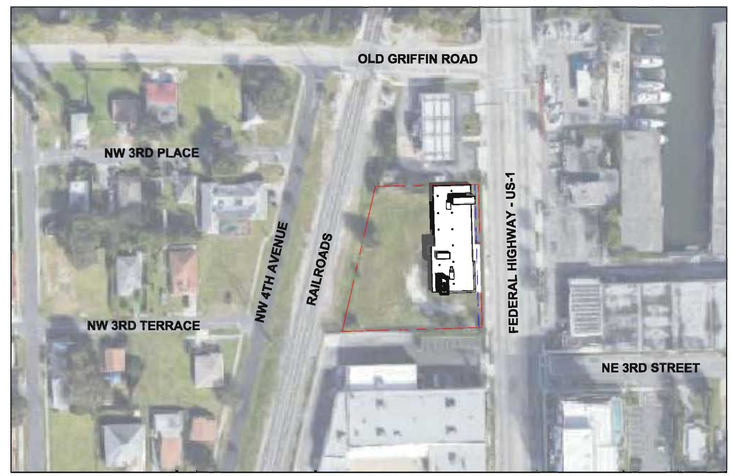
SCALE : 1" = 100'-0"

MAR 21ST - 9AM

SCALE : 1" = 100'-0"

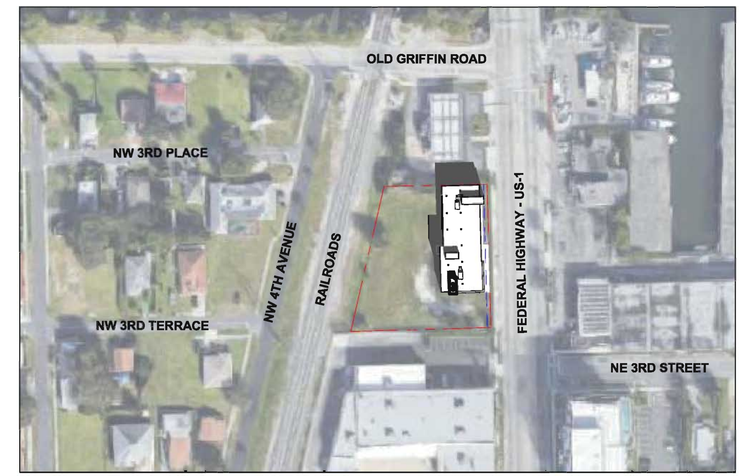
DEC 22ND - 12PM

SCALE : 1" = 100'-0"



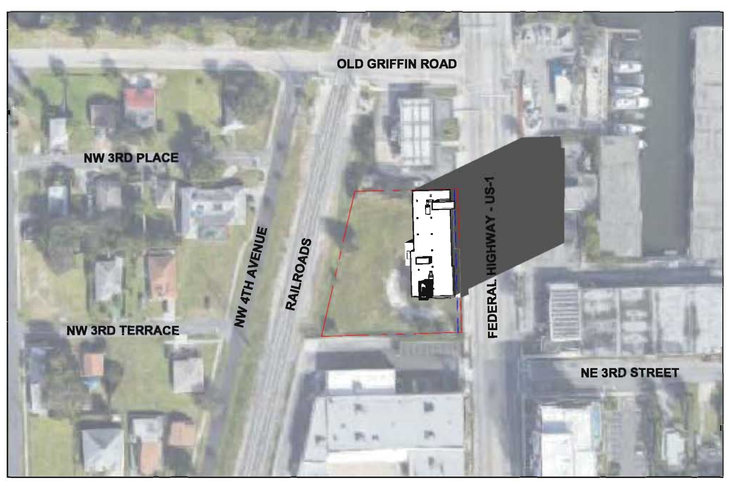
JUN 22ND - 12PM

SCALE : 1" = 100'-0"



MAR 21ST - 12PM

SCALE : 1" = 100'-0"



DEC 22ND - 4PM

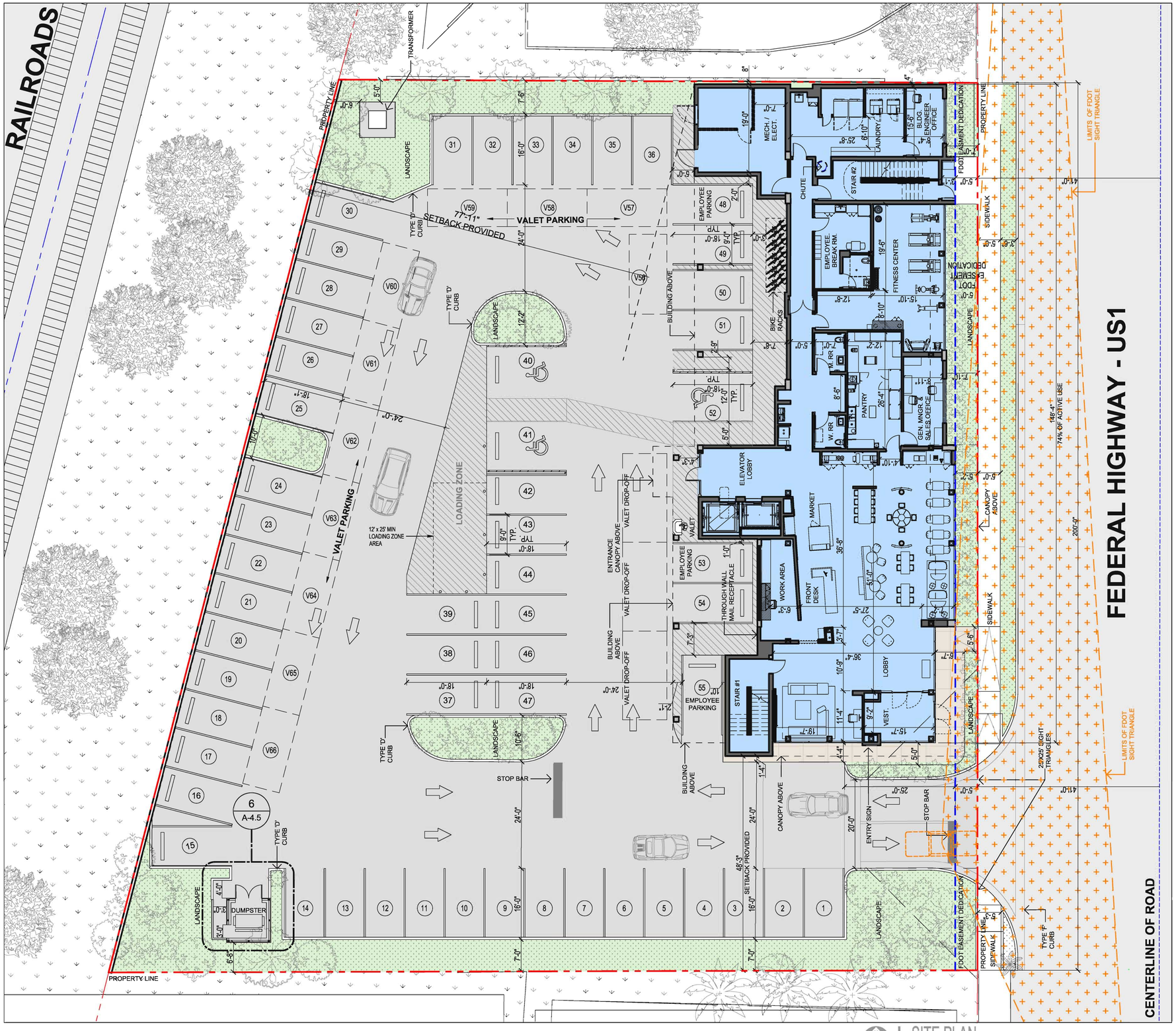
SCALE : 1" = 100'-0"

JUN 22ND - 4PM

SCALE : 1" = 100'-0"

MAR 21ST - 4PM

SCALE : 1" = 100'-0"



SITE PLAN
SCALE: 3/32" = 1'-0"

SITE DEVELOPMENT DATA

ZONING & LAND USE

	EXISTING	PROPOSED
ZONING	CITY CENTER (CC) DISTRICT	CITY CENTER (CC) DISTRICT
LAND USE	REGIONAL ACTIVITY CENTER	REGIONAL ACTIVITY CENTER

LEGAL DESCRIPTION

LOT 5, 6, 7 AND 8, BLOCK G, OG HANSON - NELSON SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA

LAND USE DENSITY

TOTAL SITE GROSS AREA	34,094 SF (0.78 ACRES)
TOTAL SITE NET AREA	33,094 SF (0.76 ACRES)
BUILDING TOTAL AREA (GROSS)	48,573 SF
FLOOR AREA RATIO (F.A.R.)	1.4 FAR
BUILDING FOOTPRINT	6,785 SF (19.9% OF SITE GROSS)
PERVIOUS SURFACE AREA	5,420 SF (15.8% OF SITE GROSS)
IMPERVIOUS SURFACE AREA (V.U.A.)	21,900 SF (64.2% OF SITE GROSS)
LOT COVERAGE BY ROOF STRUCTURE	8,352 SF

GUESTROOM DATA

PROVIDED

	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	TOTAL
DOUBLE QUEEN	10	10	10	10	10	50
KING	9	9	9	9	9	45
DOUBLE QUEEN - ADA	1	1	1	1	1	5
KING - ADA	1	1	1	1	1	5
					TOTAL	105

BUILDING FRONTAGE STANDARDS

	REQUIRED	PROVIDED
DEPTH OF BUILDING (1ST FLOOR)	MINIMUM 30'	VARIES: MIN 8'-4" MAX 36'-4"
% FACADE ON BUILT-TO-LINE	MINIMUM 70%	74%
ALLOWABLE RECESS FROM B.T.L.	MAXIMUM 10'	MAX 4'-6"

BUILDING AREAS

	LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	LEVEL 5	LEVEL 6	TOTAL
HOTEL	6,813 SF	8,352 SF	8,352 SF	8,352 SF	8,352 SF	8,352 SF	48,573 SF

PARKING

		REQUIRED	PROPOSED
10% of min. required	BICYCLE PARKING SPACE	9	10
Code Sec. 265-50: (A) Residential and Lodging. 3. Hotels and Motels: - (0.8) per guest room	STANDARD PARKING SPACE	81	52
	ACCESIBLE PARKING SPACE	3	3
10% of required parking	VALET PARKING SPACE	7.2	11****
TOTAL		84	66*,**

SETBACKS

	REQUIRED (FT)	PROVIDED (FT)
NORTH:	0'-0"	0'-7"
SOUTH:	0'-0"	48'-4"
EAST:	5'-0"	5'-0"
WEST:	0'-0"	77'-11"

BUILDING HEIGHT

	REQUIRED (FT)	PROVIDED (FT)
MAXIMUM HEIGHT	***MAX: 70'-0"	64'-0"

COMMENTS

*Sec. 265.60 Alternate Parking standards - reduces to 72 parking spaces required.

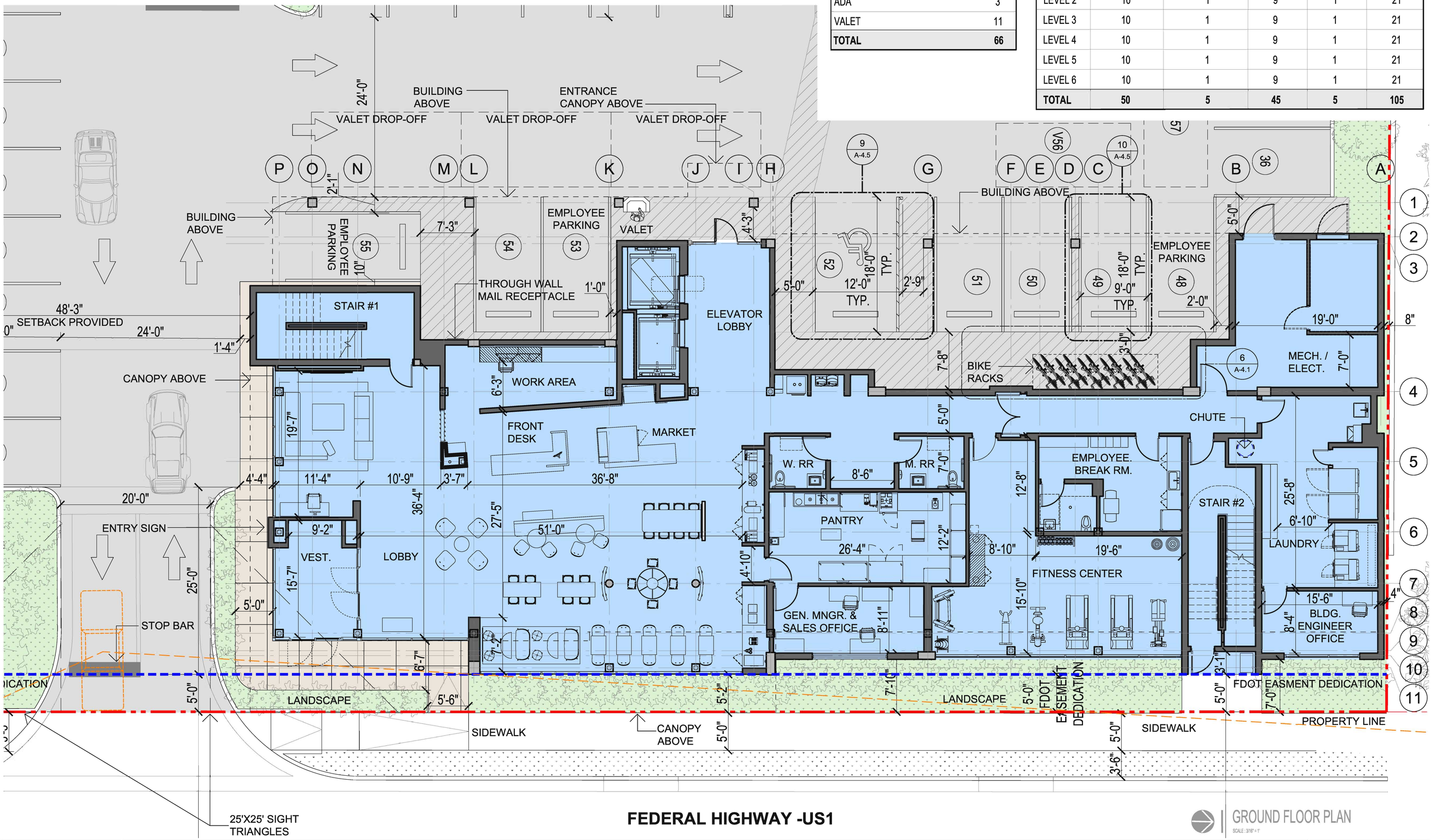
**Sec. 265.91 Parking reductions for Transportation Demand Management strategy (TDM) - reducd to 65 parking spaces required.

***Sec. 303.40 C-4 Stories, 35ft by right, and up to an additional 4 stories, 35ft with incentives.

****7 valet spaces allowed. A variance is requested for remaining 4 valet spaces provided.

PARKING	
STANDARD	52
ADA	3
VALET	11
TOTAL	**66**

UNIT MATRIX					
FLOOR	DOUBLE Q	DOUBLE Q ADA	KING	KING ADA	TOTAL
LEVEL 2	10	1	9	1	21
LEVEL 3	10	1	9	1	21
LEVEL 4	10	1	9	1	21
LEVEL 5	10	1	9	1	21
LEVEL 6	10	1	9	1	21
TOTAL	**50**	**5**	**45**	**5**	**105**



FEDERAL HIGHWAY -US1

GROUND FLOOR PLAN
SCALE : 3/16" = 1'

DRC RESUBMITTAL
11-08-19

AVID HOTEL

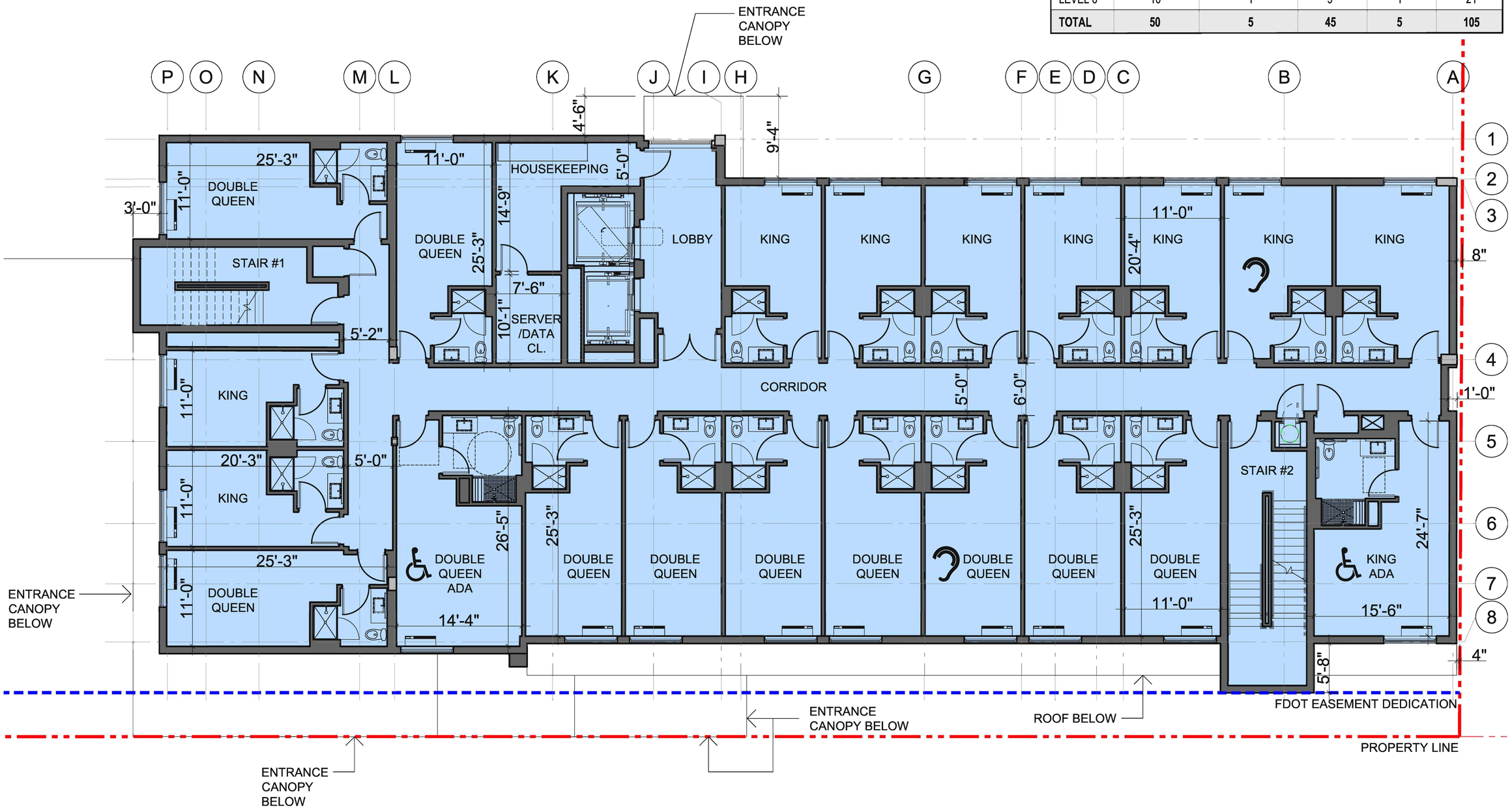
321 N. FEDERAL HIGHWAY, DANIA BEACH, FLORIDA 33004

A-1.1

adache group architects
Lic # AR0007073

PARKING	
STANDARD	52
ADA	3
VALET	11
TOTAL	**66**

UNIT MATRIX					
FLOOR	DOUBLE Q	DOUBLE Q ADA	KING	KING ADA	TOTAL
LEVEL 2	10	1	9	1	21
LEVEL 3	10	1	9	1	21
LEVEL 4	10	1	9	1	21
LEVEL 5	10	1	9	1	21
LEVEL 6	10	1	9	1	21
TOTAL	**50**	**5**	**45**	**5**	**105**



2ND-6TH FLOOR PLAN

SCALE : 3/16" = 1'

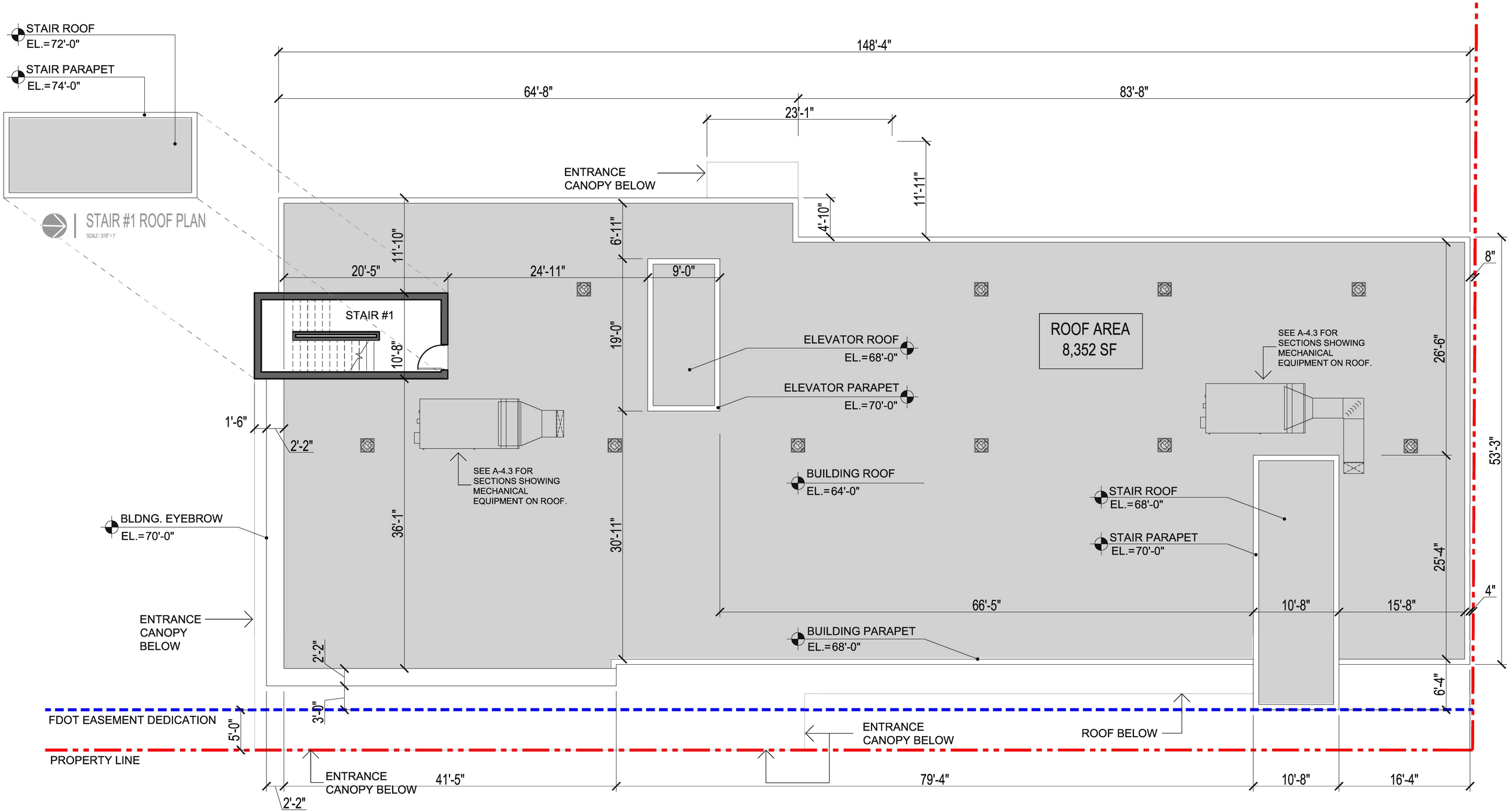
DRC RESUBMITTAL
11-08-19

AVID HOTEL

321 N. FEDERAL HIGHWAY, DANIA BEACH, FLORIDA 33004

adache group architects

Lic # AR0007073



DRC RESUBMITTAL
11-08-19

AVID HOTEL

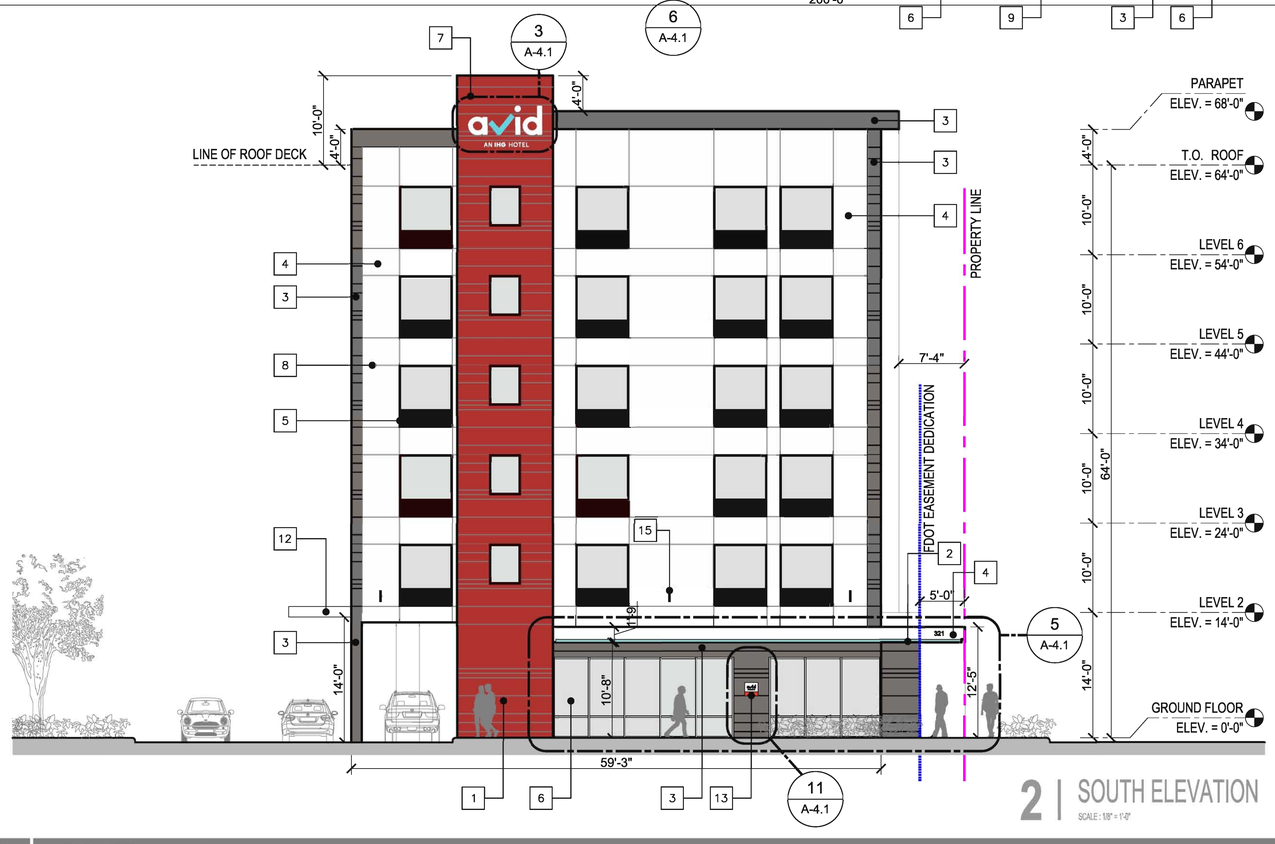
321 N. FEDERAL HIGHWAY, DANIA BEACH, FLORIDA 33004

A-1.3

adache
group architects
Lic # AR0007073

1 | EAST ELEVATION

SCALE : 1/8" = 1'-0"



2 | SOUTH ELEVATION

SCALE : 1/8" = 1'-0"

1 RED

2 AQUA

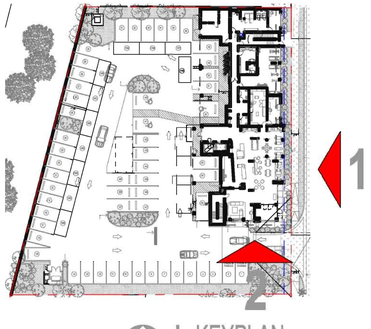
3 DARK GREY

4 LIGHT GREY

ELEVATION KEY NOTES:

1. RED**
2. AQUA**
3. DARK GRAY**
4. LIGHT GRAY**
5. GUESTROOM WINDOWS - INSULATED CLEAR GLASS WITH DARK BRONZE ANODIZED ALUMINUM FRAMES - DARK BRONZE EXTERIOR A/C GRILL WITH DARK BRONZE ANODIZED ALUMINUM FRAMES
6. EXTERIOR STOREFRONT SYSTEM - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
7. BUILDING SIGNAGE (BACKLIT) - AVID HOTEL
8. 3/4 REVEAL (TYP.)
9. EXTERIOR WINDOW - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
10. EXTERIOR HOLLOW METAL DOOR PAINTED TO MATCH ADJACENT WALLS (TYP.)
11. AUTOMATIC SLIDING ENTRANCE DOOR - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM
12. DROP-OFF CANOPY
13. ENTRY SIGNAGE - AVID HOTEL (Welcome) - 2.25 SF
14. ENTRANCE SWING DOOR - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
15. EXTERIOR LIGHT FIXTURE

*MATERIALS AS INDICATED ON BUILDING ELEVATIONS ARE TYPICAL OF EACH UNIT UNLESS NOTED OTHERWISE.
**SEE IHG BRAND EXTERIOR FINISHES DOCUMENTS FOR APPROVED COLORS



KEYPLAN

SCALE : 1" = 50' - 0"

DRC RESUBMITTAL
11-08-19

AVID HOTEL

321 N. FEDERAL HIGHWAY, DANIA BEACH, FLORIDA 33004

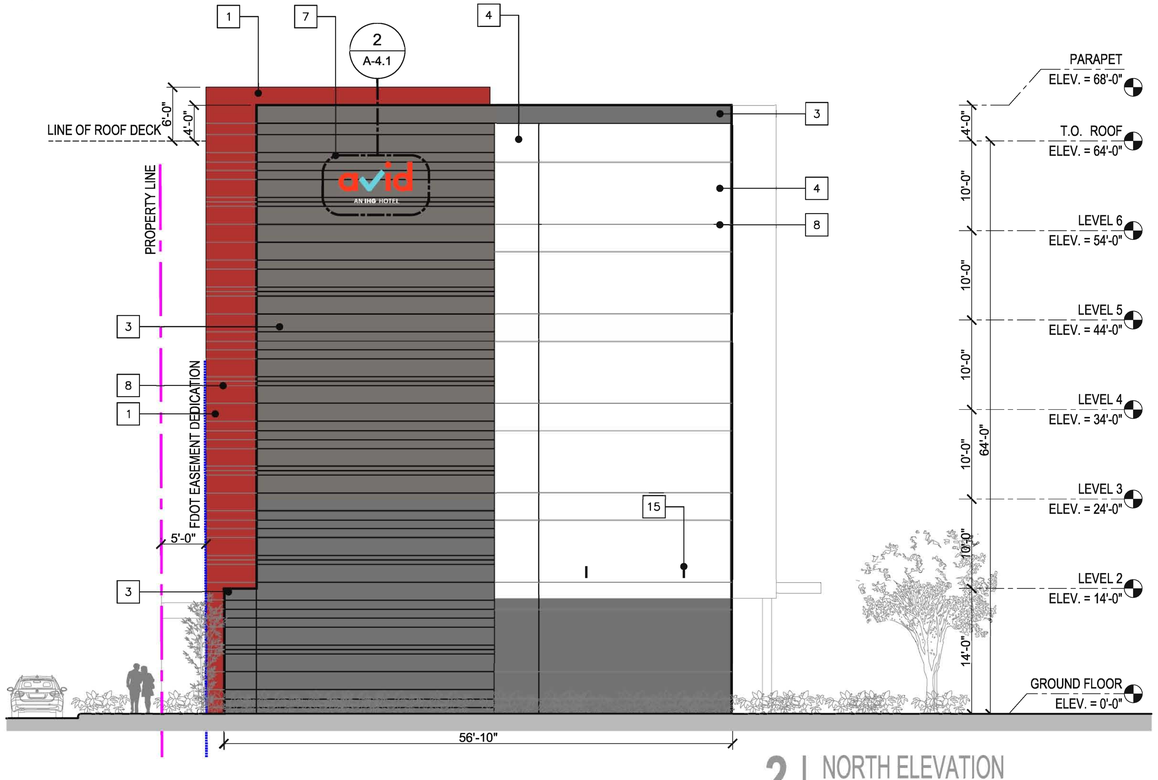
A-2.1

adache group architects

Lic # AR0007073

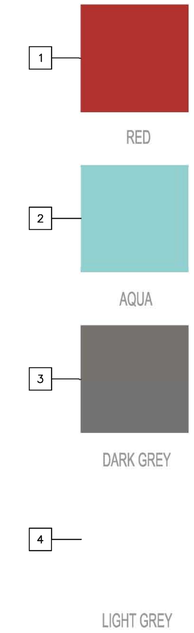
1 | WEST ELEVATION

SCALE : 1/8" = 1'-0"



2 | NORTH ELEVATION

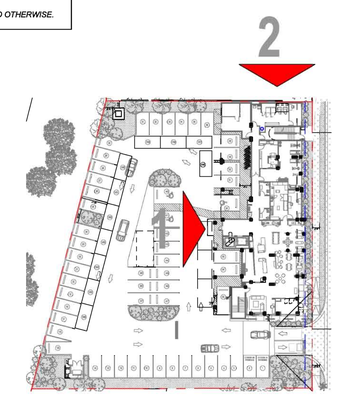
SCALE : 1/8" = 1'-0"



ELEVATION KEY NOTES:

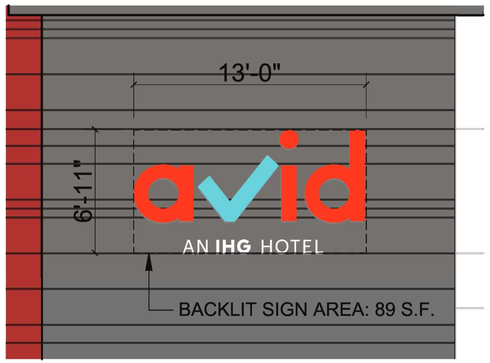
1. RED**
2. AQUA**
3. DARK GRAY**
4. LIGHT GRAY**
5. GUESTROOM WINDOWS - INSULATED CLEAR GLASS WITH DARK BRONZE ANODIZED ALUMINUM FRAMES - DARK BRONZE EXTERIOR A/C GRILL WITH DARK BRONZE ANODIZED ALUMINUM FRAMES
6. EXTERIOR STOREFRONT SYSTEM - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
7. BUILDING SIGNAGE (BACKLIT) - AVID HOTEL
8. 3/4 REVEAL (TYP.)
9. EXTERIOR WINDOW - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
10. EXTERIOR HOLLOW METAL DOOR PAINTED TO MATCH ADJACENT WALLS (TYP.)
11. AUTOMATIC SLIDING ENTRANCE DOOR - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM
12. DROP-OFF CANOPY
13. ENTRY SIGNAGE - AVID HOTEL (Welcome) - 2.25 SF
14. ENTRANCE SWING DOOR - INSULATED CLEAR GLASS WITH CLEAR ANODIZED ALUMINUM FRAMES
15. EXTERIOR LIGHT FIXTURE

*MATERIALS AS INDICATED ON BUILDING ELEVATIONS ARE TYPICAL OF EACH UNIT UNLESS NOTED OTHERWISE.
**SEE IHG BRAND EXTERIOR FINISHES DOCUMENTS FOR APPROVED COLORS

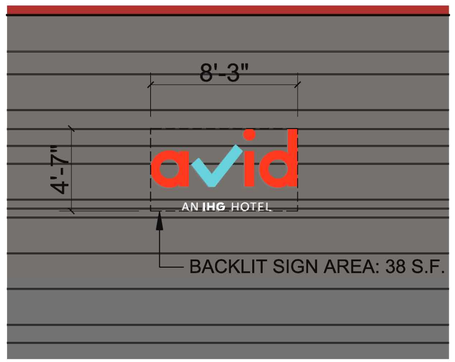


KEYPLAN

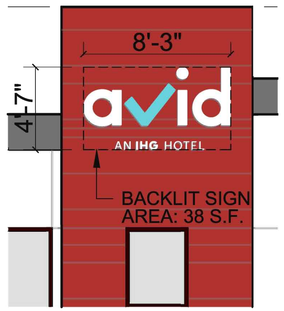
SCALE : 1" = 50' - 0"



1 | EAST ELEVATION
SCALE : 1/4" = 1'-0"



2 | NORTH ELEVATION
SCALE : 1/4" = 1'-0"



3 | SOUTH ELEVATION
SCALE : 1/4" = 1'-0"

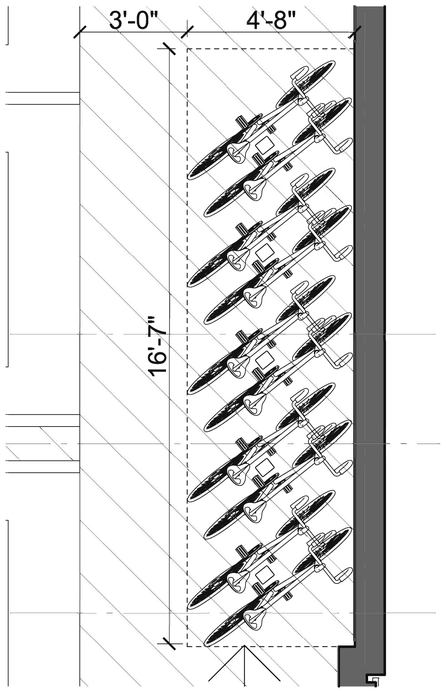
11 | PLAQUE - SOUTH ENTRANCE
SCALE : 1/2" = 1'-0"

Note:
EAST ELEVATION SIGN : 89 S.F.
NORTH ELEVATION SIGN: 38 S.F.
SOUTH ELEVATION SIGN: 38 S.F.

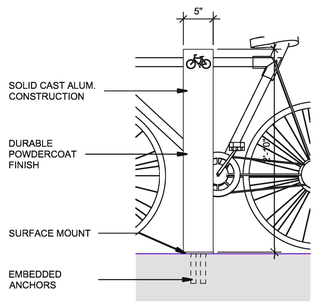
CUMMULATIVE SIGN AREA	
SIGN	**S.F. AREA**
EAST	89'-0"
NORTH	38'-0"
SOUTH	38'-0"
PLAQUE - S. ENTRANCE	2'-3"
TOTAL	**167'-3"**

CUMMULATIVE SIGN AREA		
MAX. REQUIRED	(148'-4" x 1.5)*	227'-0"
PROVIDED		167'-3"
*SECTION 505-210		

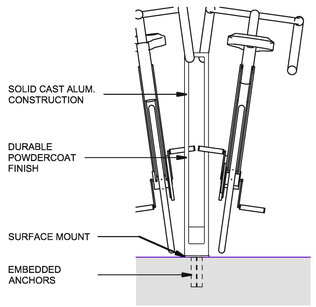
BUILDING SIGNAGE (Sec. 505-90, Sec. 505-40)



7 | BIKE RACK PLAN
SCALE : 1/2" = 1'-0"



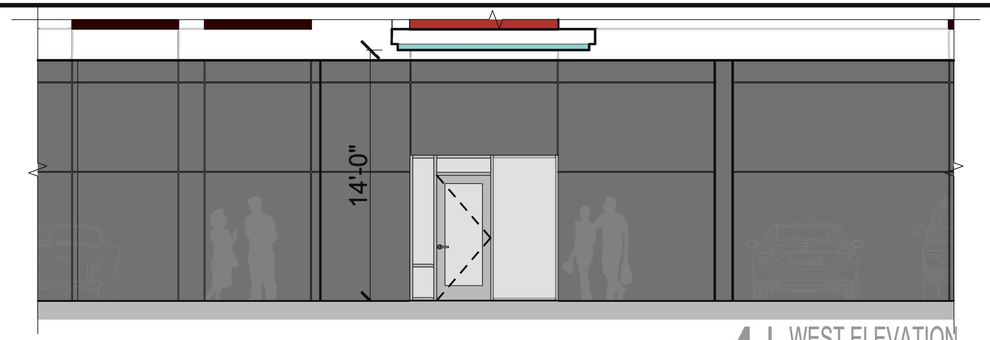
8 | ELEVATION
SCALE : 1" = 1'-0"



9 | ELEVATION
SCALE : 1" = 1'-0"

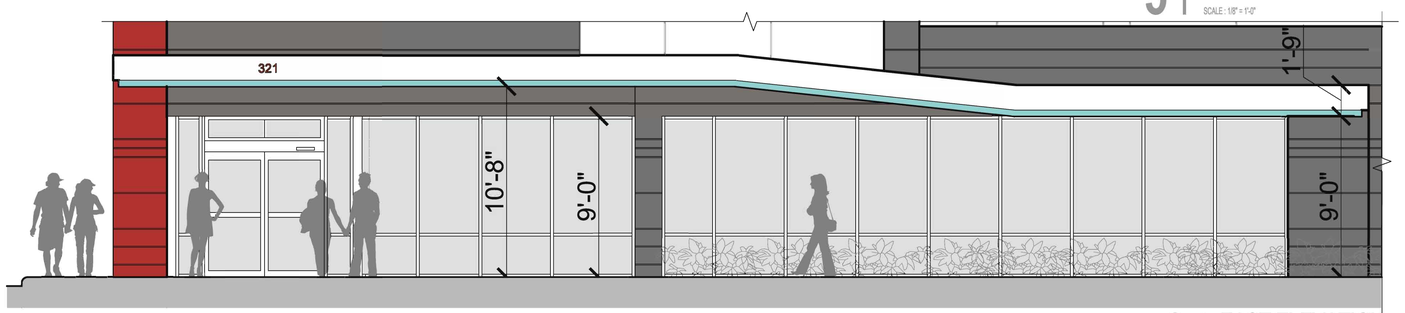
10 | CONCEPT IMAGES
NTS

BIKE RACK



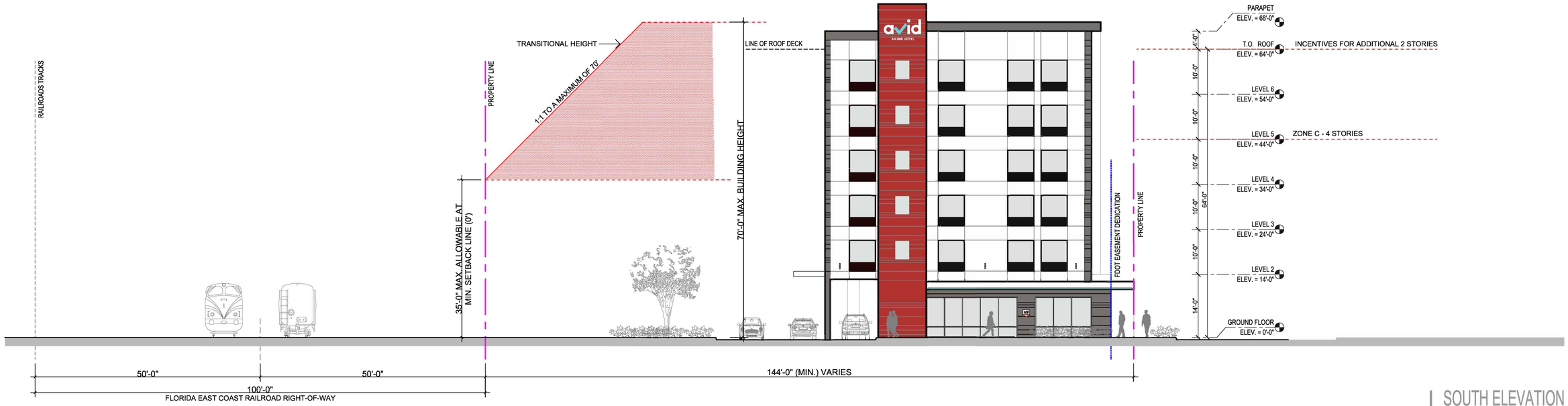
4 | WEST ELEVATION
SCALE : 1/8" = 1'-0"

5 | SOUTH ELEVATION
SCALE : 1/8" = 1'-0"



6 | EAST ELEVATION
SCALE : 1/8" = 1'-0"

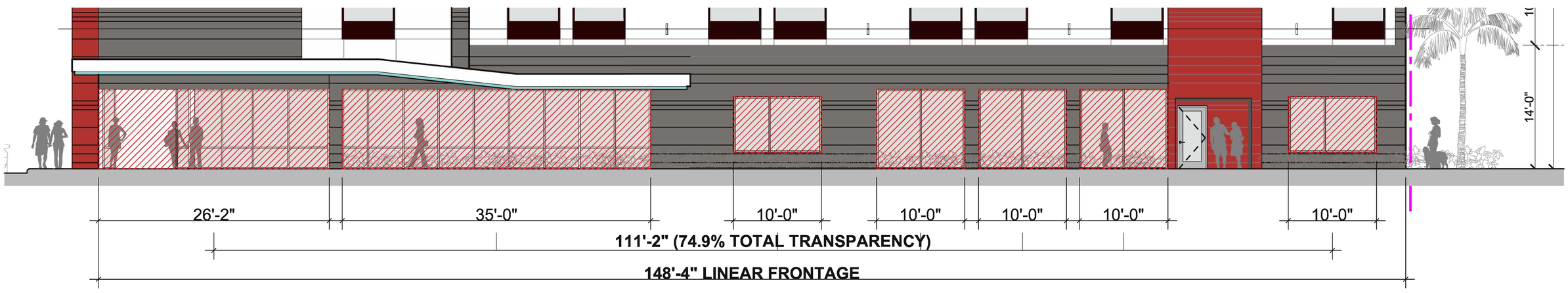
CANOPY



SOUTH ELEVATION

SCALE : 3/32" = 1'-0"

ALLOWABLE HEIGHT BASED ON FEC RAIROAD PROXIMITY (Sec. 303-40)

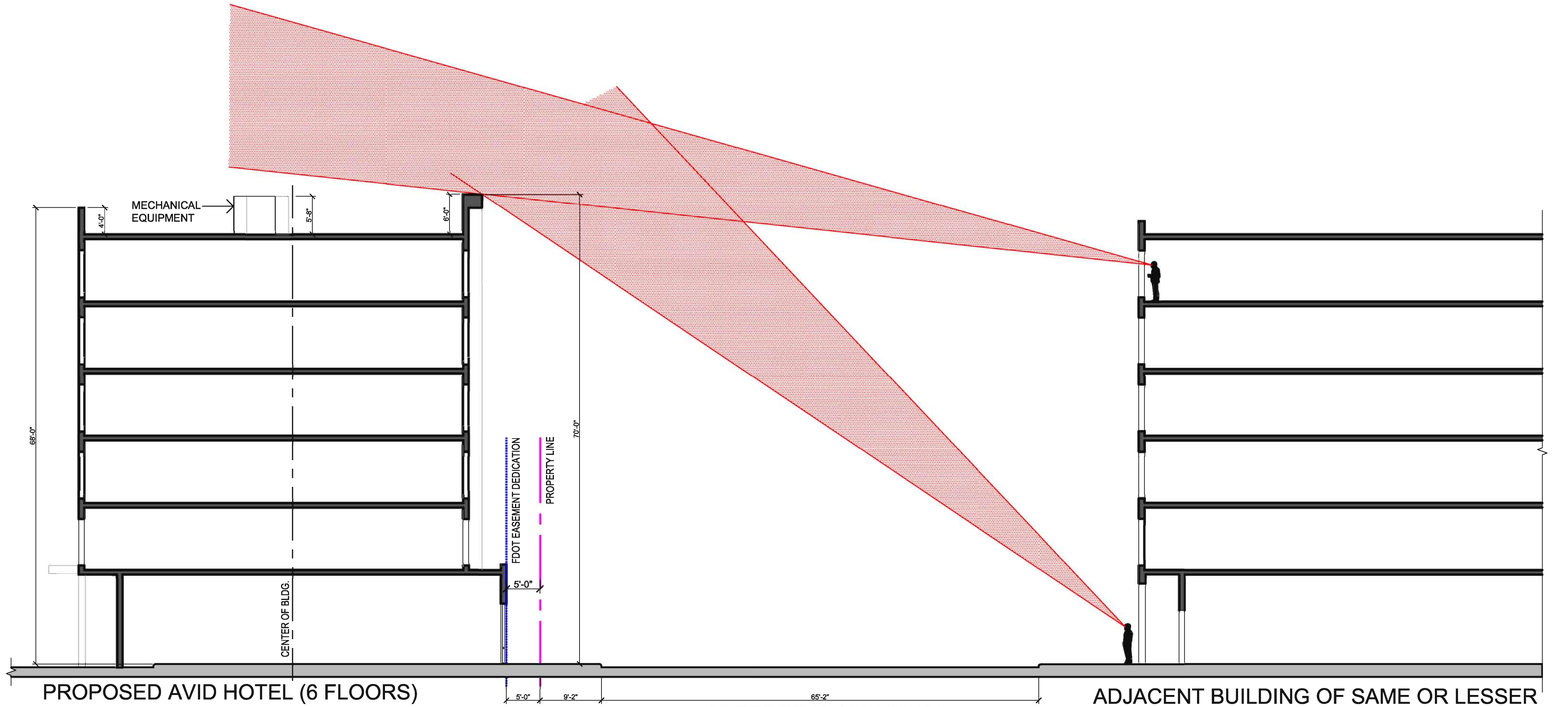


EAST ELEVATION

SCALE : 1/8" = 1'-0"

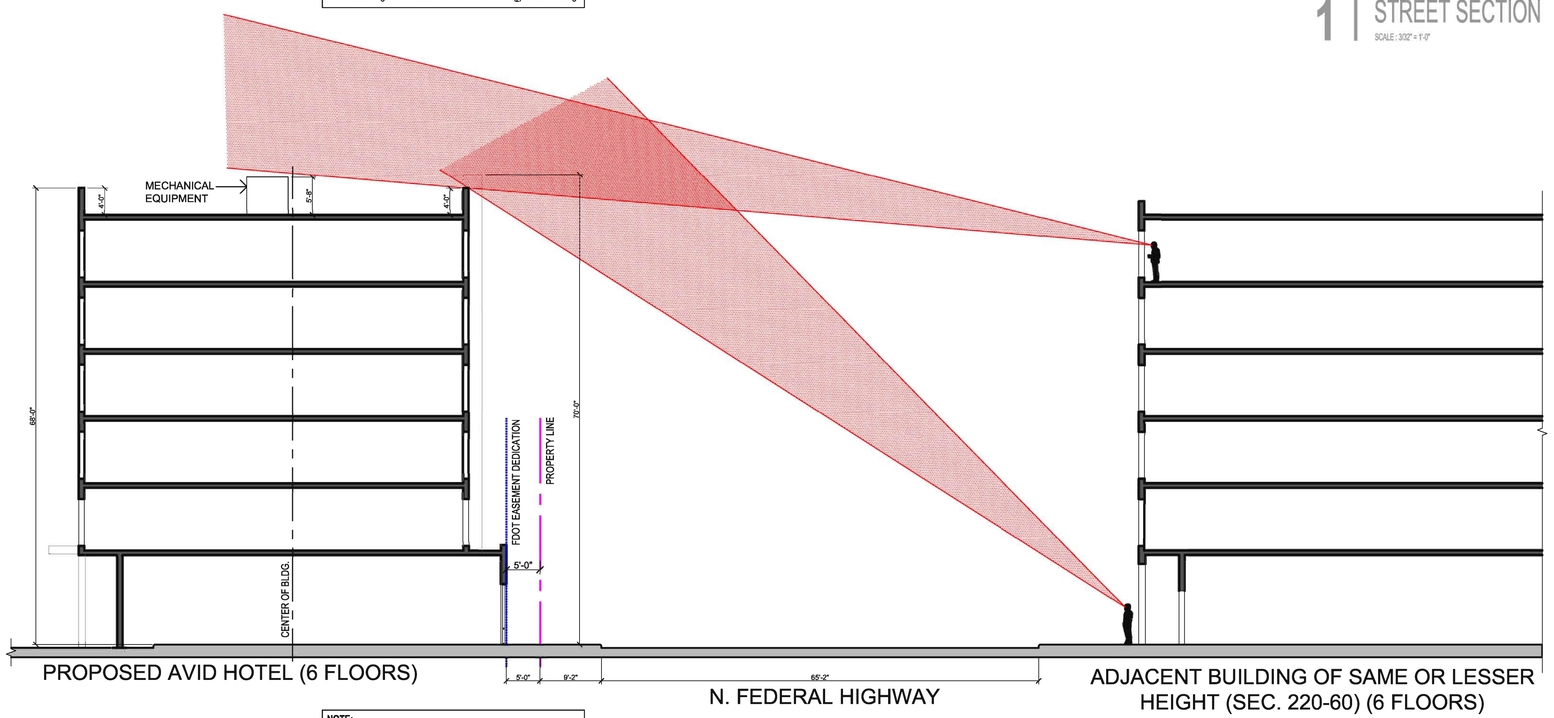
TRANSLUCENT GLAZING AREA ON GROUND FLOOR	
MIN. REQUIRED	70%
PROVIDED	74.9%
*SECTION 311-20 (E)	

GROUND FLOOR SHOPFRONT TYPE TRANSPARENCY & LINEAR FRONTAGE (Sec. 505-90, Sec. 303-40)



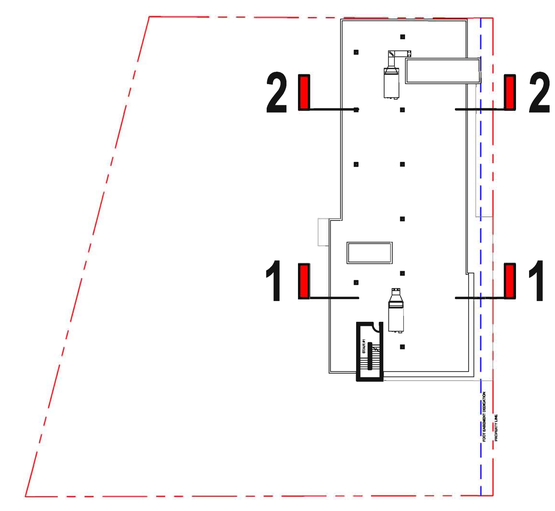
NOTE:
Air conditioning units located on the rear one-half (½) of the building.

1 | STREET SECTION
SCALE : 3/32" = 1'-0"



NOTE:
Air conditioning units located on the rear one-half (½) of the building.

2 | STREET SECTION
SCALE : 3/32" = 1'-0"



KEYPLAN
SCALE : 1" = 30' - 0"

ROOFTOP MECHANICAL EQUIPMENT (Sec. 220-60, Sec. 525-30)

PRIMARY ELEVATION

SCALE : 1/16" = 1'-0"

SECONDARY ELEVATION

SCALE : 1/16" = 1'-0"

SECONDARY ELEVATION

SCALE : 1/16" = 1'-0"

SECONDARY ELEVATION

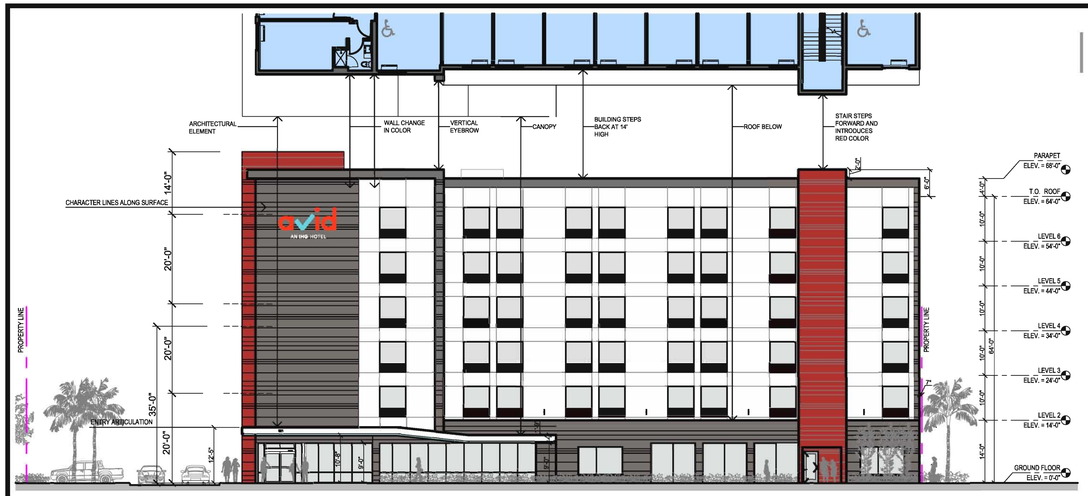
SCALE : 1/16" = 1'-0"

OPENING PERCENTAGE

		SOLID	OPENING	PROVIDED %	REQUIRED %
EAST ELEVATION	PRIMARY	7,365 SF	2,837 SF	38.5%	35% MIN.
WEST ELEVATION	SECONDARY	8,018 SF	1,868 SF	23.2%	15% MIN.
NORTH ELEVATION	SECONDARY	3,936 SF	0 SF*	0%	15% MIN.
SOUTH ELEVATION	SECONDARY	3,063 SF	1,135 SF	37.1%	15% MIN.

* Due to Florida building code, fire separation and Avid brand standards we were unable to add windows to the north elevation. We are requesting a design variation for this elevation.

APPEARANCE COMPLIANCE DIAGRAMS (Sec. 510-30, Sec. 311-20)

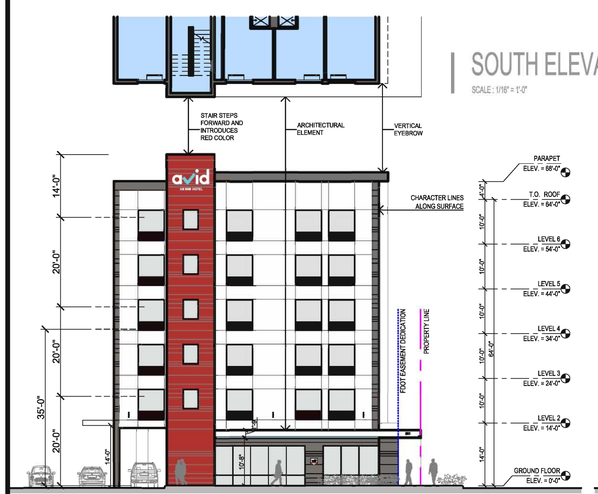


EAST ELEVATION

SCALE : 1/16" = 1'-0"

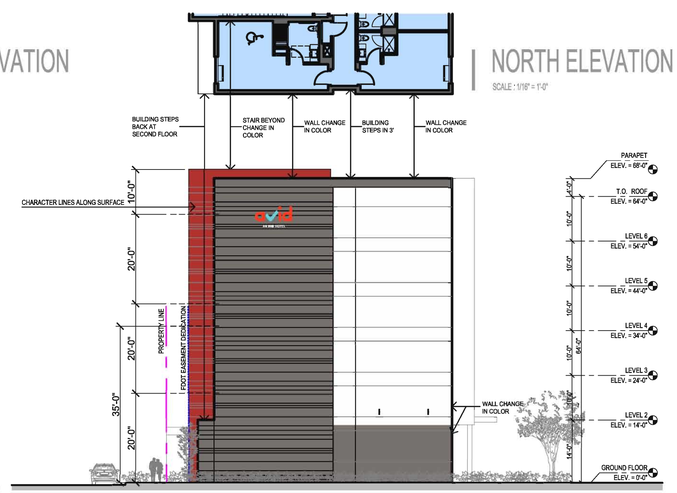
WEST ELEVATION

SCALE : 1/16" = 1'-0"



SOUTH ELEVATION

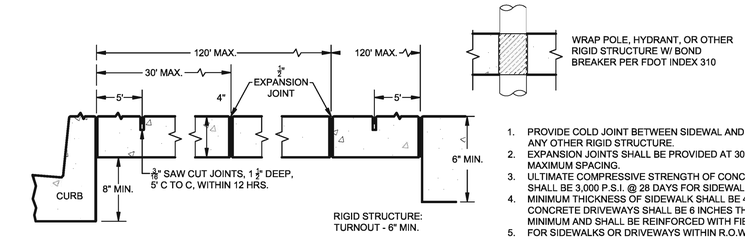
SCALE : 1/16" = 1'-0"



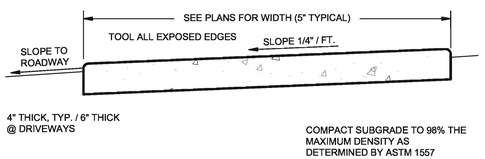
NORTH ELEVATION

SCALE : 1/16" = 1'-0"

MASSING AND ARTICULATION (Sec. 525-30)



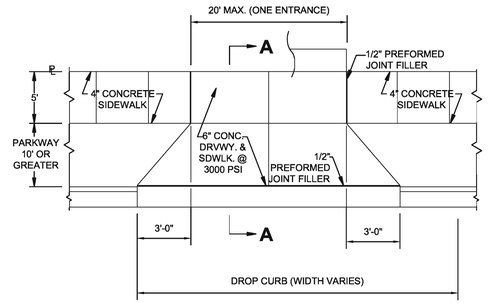
1. PROVIDE COLD JOINT BETWEEN SIDEWAL AND CURB AT ANY OTHER RIGID STRUCTURE.
2. EXPANSION JOINTS SHALL BE PROVIDED AT 30 FT. MAXIMUM SPACING.
3. ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE SHALL BE 3,000 P.S.I. @ 28 DAYS FOR SIDEWALKS.
4. MINIMUM THICKNESS OF SIDEWALK SHALL BE 4 INCHES. CONCRETE DRIVEWAYS SHALL BE 6 INCHES THICK MINIMUM AND SHALL BE REINFORCED WITH FIBER MESH.
5. FOR SIDEWALKS OR DRIVEWAYS WITHIN R.O.W., COMPACT SUBGRADE TO 98% OF MAXIMUM DENSITY AS DETERMINED BY ASTM 1557.
6. MUST PROVIDE APPROVED MAINTENANCE OF TRAFFIC (MOT) FOR SIDEWALK CLOSURE.
7. BROOM FINISH SURFACE. NO PAINT OR OTHER FINISHES ALLOWED.
8. NO PATCH REPAIRS ALLOWED. FULL FLAG SIDEWALK MUST BE REMOVED.
9. FOR ALL OTHER, USE FDOT INDEX #310 AND SECTION 522 STANDARD SPECIFICATIONS.
10. ALL CONCRETE RIGHT-OF-WAY TO BE PROVIDED FROM A CONCRETE MIX PLANT. NO BAG CONCRETE ALLOWED.
11. IF SIDEWALK SECTION EXCEEDS 6 FT. WIDE, JOINT SPACING TO BE DETERMINED BY ENGINEER OF RECORD OR HIS / HER DESIGNEE.
12. ALL BATCH TICKETS TO BE PROVIDED TO CITY INSPECTOR.
13. BOND BREAKER MATERIAL CAN BE ANY IMPERMEABLE COATED OR SHEET MEMBRANE OR PREFORMED MATERIAL HAVING A THICKNESS OF NOT LESS THAN 6 MILS NOR MORE THAN 3/4".



TYPICAL SECTION

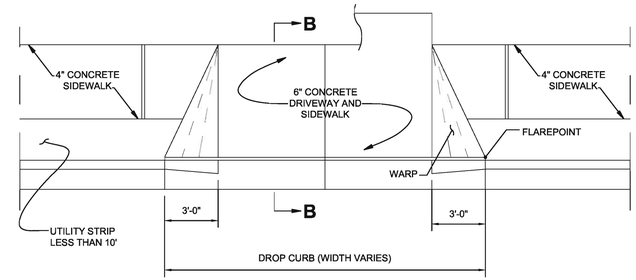
1 | CONCRETE DETAIL

SCALE : 1 1/2" = 1'-0"



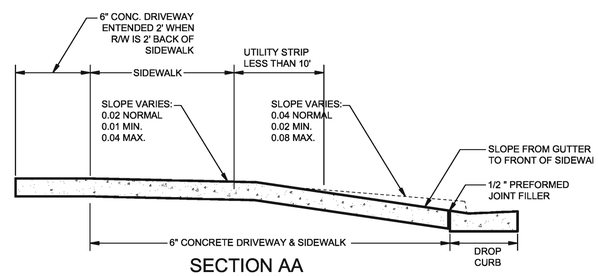
2 | SIDEWALK PLAN

SCALE : 1/2" = 1'-0"



4 | SIDEWALK PLAN

SCALE : 1/2" = 1'-0"



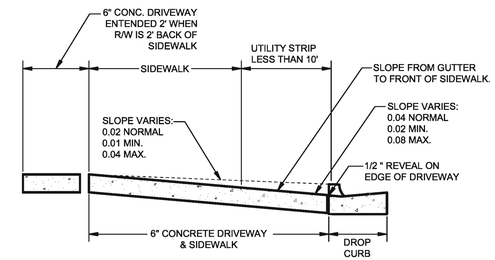
SECTION AA

1. SLOPES CAN BE ADJUSTED WITHIN THE RANGES SHOWN TO IMPROVE TIES TO ADJACENT PROPERTY AND ARE TO BE TRANSITIONED SO AS TO AVOID DISTORTION IN SIDEWALK CONTINUITY AND MEET A.D.A. REQUIREMENTS.

WHEN DISTANCE BETWEEN CURB & SIDEWALK IS 10' OR GREATER COMPLY WITH LATEST EDITION OF.D.O.T. DESIGN STANDARDS INDEX #515

3 | CONCRETE DRIVEWAYS APRONS

SCALE : 1/2" = 1'-0"



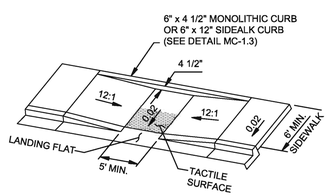
SECTION BB

1. LIGHT BROOM FINISH
2. CONCRETE SHALL BE 3,000 P.S.I
3. SLOPE CAN BE ADJUSTED WITHIN THE RANGES SHOWN TO IMPROVE TIES TO ADJACENT PROPERTY AND ARE TO BE TRANSITIONED TO AVOID DISTORTION IN SIDEWALK CONTINUITY AND MEET A.D.A. REQUIREMENTS.

WHEN DISTANCE BETWEEN CURB & SIDEWALK IS LESS THAN 10' COMPLY WITH F.D.O.T DESIGN STANDARDS OF JAN 2004 INDEX #515

5 | CONCRETE DRIVEWAYS APRONS

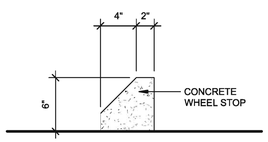
SCALE : 1/2" = 1'-0"



COMPLIES TO FLORIDA DEPARTMENT OF TRANSPORTATION (F.D.O.T.) "PUBLIC SIDEWALK CURB RAMPS" STANDARD 304, DETAIL CR 3

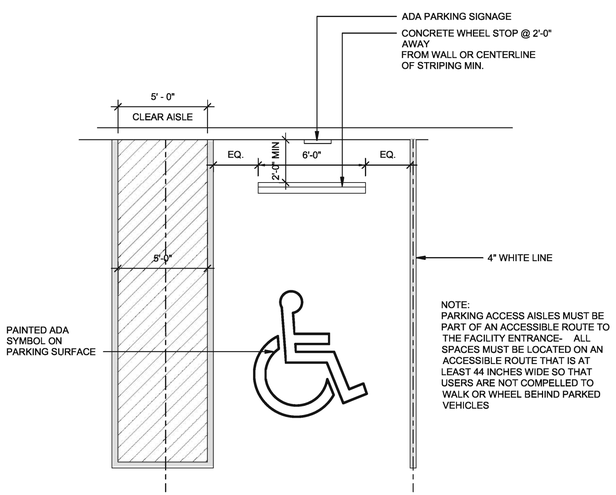
7 | SIDEWALK RAMP WITH UPPER LANDING

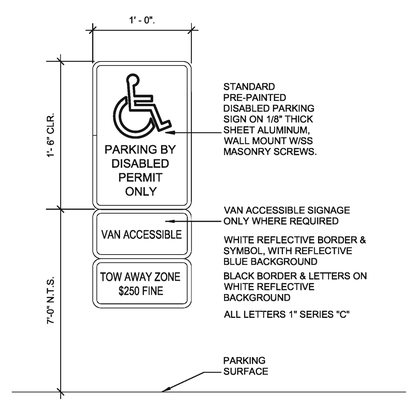
SCALE : 1 1/2" = 1'-0"



8 | WHEEL STOP DETAIL

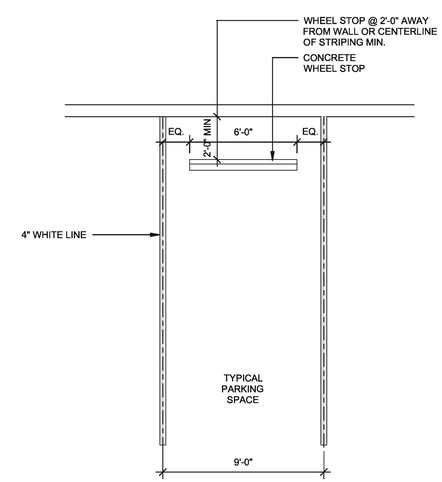
SCALE : 1 1/2" = 1'-0"





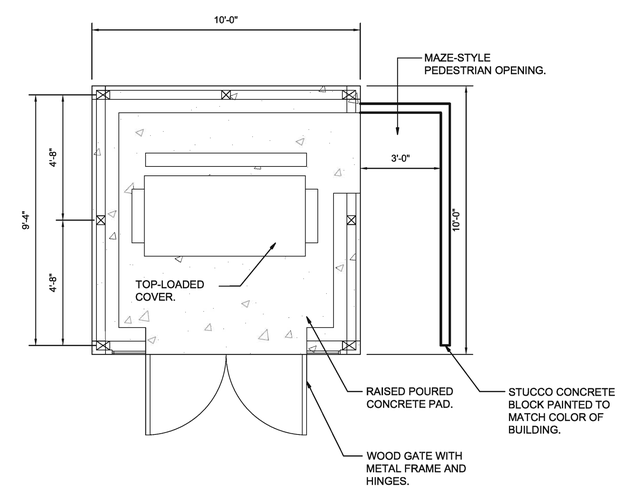
9 | ADA PARKING DETAIL

SCALE : 1/4" = 1'-0"



10 | TYPICAL PARKING SPACE

SCALE : 1/4" = 1'-0"



6 | GARBAGE DUMPSTER ENCLOSURE

SCALE : 3/8" = 1'-0"

BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK G, HANSON-NELSON SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

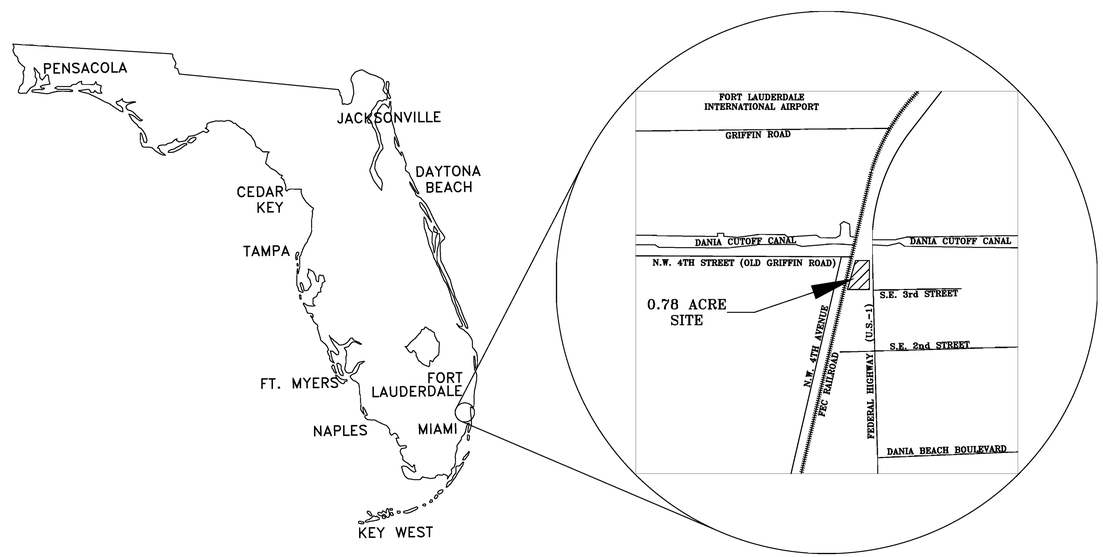
LESS:

THE EASTERLY 8.00 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT 5363, SECTION 86010-2103, AT PAGE 3 OF 3.

SAID LANDS SITUATE, LYING, AND BEING IN THE CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA. CONTAINING 34,092.31 SQUARE FEET (0.78 ACRES) MORE OR LESS.

SURVEY NOTES:

1. THE SURVEY, AS SHOWN HEREON, HAS BEEN PREPARED FOR AVS PROPERTY, LLC., HEREINAFTER KNOW AS THE CLIENT.
2. THE LEGAL DESCRIPTION, AS SHOWN HEREON, IS BASED UPON A WARRANTY DEED, AS RECORDED IN INSTRUMENT NUMBER 112968818, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BEARING REFERENCE:
   THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHWEST ONE-QUARTER (1/4) OF SECTION 34, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   SAID LINE BEARS NORTH 89°42'16" EAST.
4. BENCHMARK REFERENCE:
   NATIONAL GEODETIC SURVEY BENCHMARK D-239. AT THE INTERSECTION OF THE FLORIDA EAST COAST RAILROAD AND OLD GRIFFIN ROAD, IN TOP OF AND 3.6 FEET WEST OF THE EAST END OF THE NORTH CONCRETE ABUTMENT OF THE RAILROAD BRIDGE SPANNING THE DANIA CUT-OFF CANAL, 136.8 FEET NORTH OF THE ROAD CENTERLINE, 8.5 FEET EAST OF THE NEAR RAIL, AND LEVEL WITH THE TRACK.
   ELEVATION = 15.78 (NAVD)
5. THE ELEVATIONS, AS SHOWN HEREON, ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. NO UNDERGROUND IMPROVEMENTS, UTILITIES OR FOUNDATIONS WERE LOCATED. ONLY THOSE ITEMS ABOVE GROUND, VISIBLE AND OBSERVABLE WERE LOCATED.
7. DATE OF LAST FIELD WORK: OCTOBER 29, 2019.



LOCATION SKETCH
NOT TO SCALE

LEGEND:

P.B.	-	PLAT BOOK
PG.	-	PAGE
O.R.B.	-	OFFICIAL RECORDS BOOK
M.D.C.R.	-	MIAMI-DADE COUNTY RECORDS
D.C.R.	-	DADE COUNTY RECORDS
B.C.R.	-	BROWARD COUNTY RECORDS
U.E.	-	UTILITY EASEMENT
P.O.B.	-	POINT OF BEGINNING
EB	-	ELECTRIC BOX
C&G	-	CURB & GUTTER
CLF	-	CHAIN-LINK FENCE
B.O.W	-	BACK OF WALK
CL	-	CENTER LINE
VG	-	VALLEY GUTTER
EP	-	EDGE OF PAVEMENT
CO	-	CLEAN OUT
CONC	-	CONCRETE
ALF	-	ALUMINUM FENCE
(W)	-	MONITORING WELL
WV	-	WATER VALVE
	-	WATER METER
	-	FIRE HYDRANT
(C)	-	COMMUNICATION MANHOLE
	-	WOOD UTILITY POLE
TOP	-	TOP OF BANK
TOS	-	TOE OF SLOPE
TSB	-	TRAFFIC SIGNAL BOX
TS	-	TRAFFIC SIGNAL
W/	-	WITH
(R)	-	PER RECORDS
(P)	-	PER PLAT
(C)	-	AS CALCULATED
(M)	-	AS MEASURED
F-ND	-	FOUND NAIL & DISC
F-IRC	-	FOUND IRON ROD WITH CAP
FIP	-	FOUND IRON PIPE
F-NAIL	-	FOUND NAIL
W-UP	-	WOOD UTILTIY POLE
C-UP	-	CONCRETE UTILTIY POLE
OT	-	OVERHEAD TELEPHONE LINE
OE	-	OVERHEAD ELECTRIC LINE
P.R.M	-	PERMANENT REFERENCE MONUMENT ALUMINUM DISC STAMPED "PRM LB7024", SET IN CONCRETE OR 4" SQUARE CONCRETE WITH 5/8" REBAR 24" IN LENGTH
FDOT	-	FLORIDA DEPARTMENT OF TRANSPORTATION
(D)	-	DRAINAGE MANHOLE
(S)	-	SANITARY MANHOLE
	-	LIGHT POLE
CB	-	CATCH BASIN

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

_____
JOSE A. CORREA
PROFESSIONAL SURVEYOR AND MAPPER LS7023
STATE OF FLORIDA

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

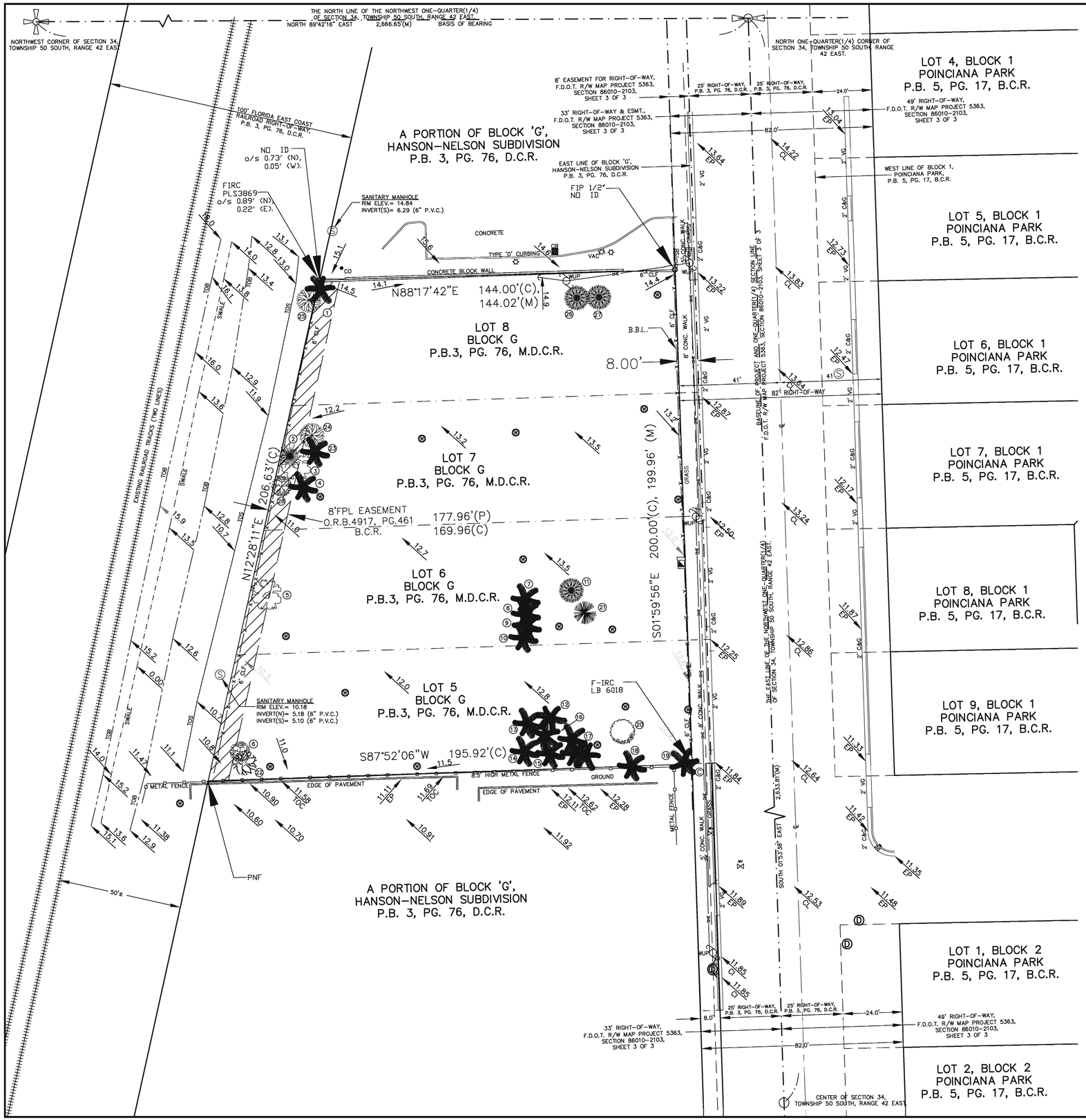
SHEET TITLE
BOUNDARY SURVEY

REVISIONS
UPDATED 08/16/19
UPDATED 10/17/19
UPDATED 10/29/19 (TREES)

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, General Contracting
5230 S. University Drive - Suite 104
Davie, Florida 33328
P.E. # 39461 Phone: (954) 680-6533 Fax: (954) 680-0323

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 07/09/15
DRAWN BY: TNT
SHEET No.
SU-1 OF 2
15011



FEMA FLOOD ZONE X (NO B.F.E.).

SURVEY NOTES:

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7. DATE OF LAST FIELD WORK: OCTOBER 29, 2019.

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

TREE LIST:

1. 18' PALM
2. 6.7' LEAD TREE
3. 23' GUMBO LIMBO
4. 8' PALM
5. 9' GUMBO LIMBO
6. 17' CARROTWOOD
7. 8' PALM
8. 6' PALM
9. 6' PALM
10. 8' PALM
11. 10' FICUS
12. 6' PLAM
13. 10' PALM
14. 10' PALM
15. 12' PALM
16. 7' QUEEN PALM
17. 10' QUEEN PALM
18. 14' PALM
19. 12' PALM
20. CHERRY HEDGE
21. SPANISH BAYONET
22. 3.5' LIVE OAK
23. SABAL PALM (SPROUT)
24. BRAZILIAN PEPPER
25. BRAZILIAN PEPPER
26. 8' FICUS
27. 12' FICUS
28. 2' CARROTWOOD

LEGEND:

P.B.	-	PLAT BOOK
PG.	-	PAGE
O.R.B.	-	OFFICIAL RECORDS BOOK
M.D.C.R.	-	MIAMI-DADE COUNTY RECORDS
B.C.R.	-	BROWARD COUNTY RECORDS
U.E.	-	UTILITY EASEMENT
P.O.B.	-	POINT OF BEGINNING
EB	-	ELECTRIC BOX
C&G	-	CURB & GUTTER
CLF	-	CHAIN-LINK FENCE
B.O.W	-	BACK OF WALK
CL	-	CENTER LINE
VG	-	VALLEY GUTTER
EP	-	EDGE OF PAVEMENT
CO	-	CLEAN OUT
CONC	-	CONCRETE
ALF	-	ALUMINUM FENCE
Ⓦ	-	MONITORING WELL
WV	-	WATER VALVE
◪	-	WATER METER
	-	FIRE HYDRANT
Ⓒ	-	COMMUNICATION MANHOLE
TOP	-	TOP OF BANK
TOS	-	TOE OF SLOPE
TSB	-	TRAFFIC SIGNAL BOX
TS	-	TRAFFIC SIGNAL
W/	-	WITH
PNF	-	POINT NOT FOUND
(R)	-	PER PLAT
(C)	-	AS CALCULATED
(M)	-	AS MEASURED
F-ND	-	FOUND NAIL & DISC
F-IRC	-	FOUND IRON ROD WITH CAP
FIP	-	FOUND IRON PIPE
F-NAIL	-	FOUND NAIL
W-UP	-	WOOD UTILTIY POLE
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P.R.M	-	PERMANENT REFERENCE MONUMENT ALUMINUM DISC STAMPED 'PRM LB7024', SET IN CONCRETE OR 4" SQUARE CONCRETE WITH 5/8" REBAR 24" IN LENGTH
FDOT	-	FLORIDA DEPARTMENT OF TRANSPORTATION
Ⓓ	-	DRAINAGE MANHOLE
Ⓢ	-	SANITARY MANHOLE
TOC	-	TOP OF CURB
ESMT.	-	EASEMENT

SHEET TITLE

BOUNDARY SURVEY

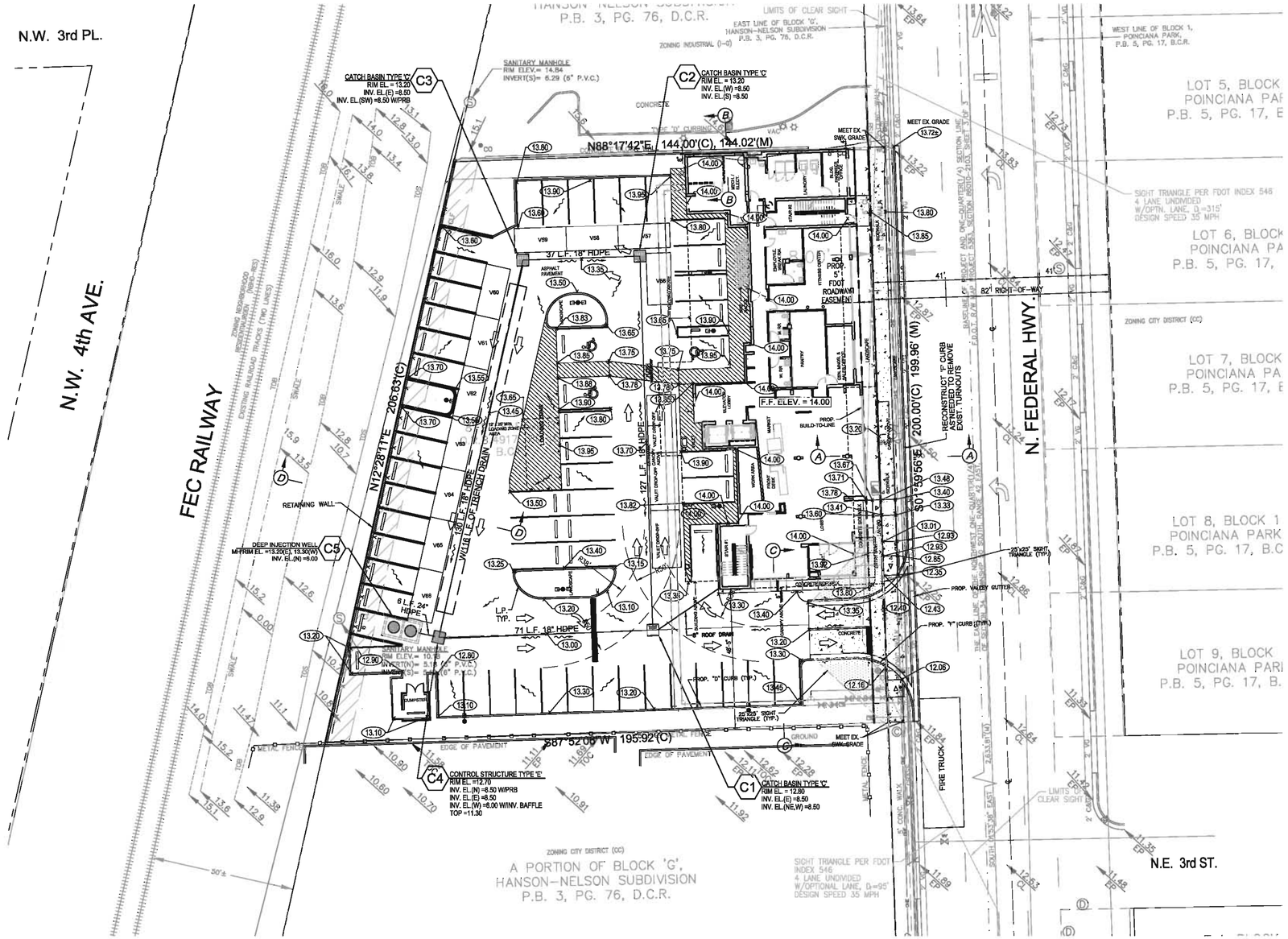
REVISIONS

UPDATED 08/16/19
UPDATED 10/17/19
UPDATED 10/29/19 (TREES)

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, General Contracting
5230 S. University Drive - Suite 104
Davie, Florida 33328
Phone: (954) 680-6533 Fax: (954) 680-0323
P.E. # 39461

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 07/09/15
DRAWN BY: TNT
SHEET No.
SU-2
15011



758 VEHICLES PER DAY ARE ANTICIPATED AS DAILY TRIPS FOR PROPOSED DRIVEWAY

STORM EVENT	PRE-STAGE (NAVD)	POST-STAGE (NAVD)
10 YR – 1 DAY	11.95	11.68
25 YR – 3 DAY	12.95	12.59
100 YR – 3 DAY	13.29	12.96

LEGEND:

BCR	BROWARD COUNTY RECORDS
DCR	DADE COUNTY RECORDS
PB	PLAT BOOK
PG	PAGE
ORB	OFFICIAL RECORDS BOOK
℄	CENTERLINE
R/W	RIGHT-OF-WAY
SEC	SECTION
PP	WOOD POWER POLE
CLP	CONCRETE LIGHT POLE
ANC	ANCHOR
TYP	TYPICAL
T.O.B.	TOP OF BANK
E.O.W.	EDGE OF WATER
F.F.	FINISH FLOOR
U.E.	UTILITY EASEMENT

LEGEND CONT:

D.E.	DRAINAGE EASEMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	FIRE HYDRANT
	GATE VALVE
	WATER METER
	SANITARY SEWER MANHOLE
	CATCH BASIN
X6.00	EXISTING ELEVATION
6.25	PROPOSED ELEVATION
	FLOW DIRECTION
	EXIST. LIGHT POLE
	PROP. LIGHT POLE
	PROP. TRANSFORMER

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

a. "STRUCTURE WILL BE IN COMPLIANCE WITH THE FLORIDA ADMINISTRATIVE CODE (F.A.C.) 14-43."

b. MAINTENANCE OF TRAFFIC (MOT): "MAINTENANCE OF TRAFFIC M.O.T. FOR THIS PROJECT WILL COMPLY WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION F.D.O.T. DESIGN STANDARD INDEX 601, 602, AND 660".

THE FLOOD ZONE IS ZONE X (NO B.F.E.). PER BROWARD COUNTY 100 YEAR FLOOD ELEVATION MAP, THE 100 YEAR FLOOD ELEVATION IS 8.0 NGVD (6.5 NAVD).

THE ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

ENGINEER'S SEAL
NOT VALID WITHOUT
ORIGINAL SIGNATURE

JAY CORLISS EVANS
LICENSE
No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET TITLE

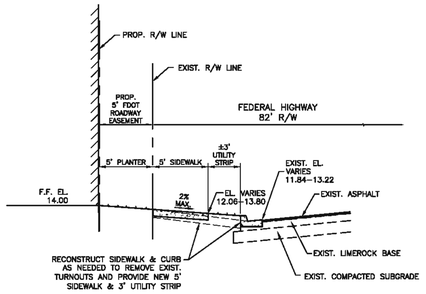
PAVING, GRADING & DRAINAGE PLAN

REVISIONS

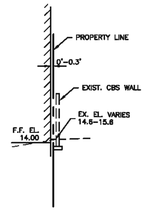
PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors
5230 S. University Drive – Suite 104
Davie, Florida 33328
Phone: (954) 680-6533
P.E. # 39461

AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

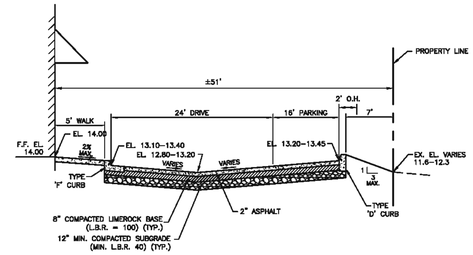
SCALE: 1"=20'
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
C-1
15011A



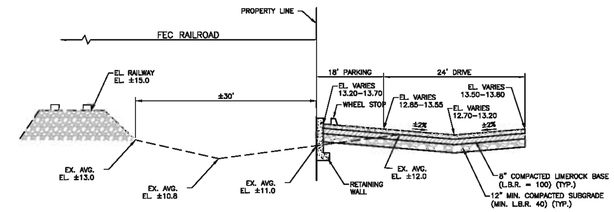
SECTION "A-A"
N.T.S.



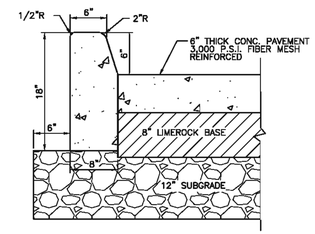
SECTION "B-B"
N.T.S.



SECTION "C-C"
N.T.S.

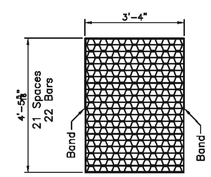


SECTION "D-D"
N.T.S.



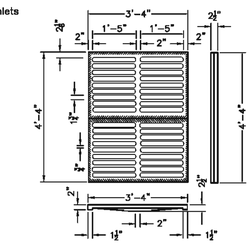
TYPE "D" CURB
N.T.S.

NOTICE: Steel Grates Are Required On Inlets With Traversable Slots And On Inlets where Bicycle Traffic Is Anticipated.



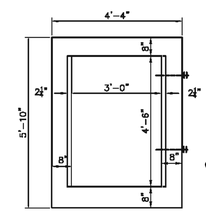
Straight Bars 2"x¼"
Reticuline Bars 1¼"x⅛"
Bands 2"x¼"
Approx. Weight 215 Lbs.

STEEL GRATE

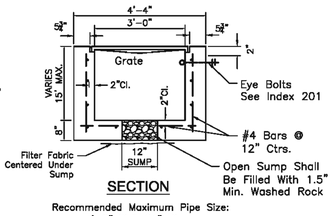


Approx. Weight 465 Lbs.

CAST IRON GRATE



PLAN

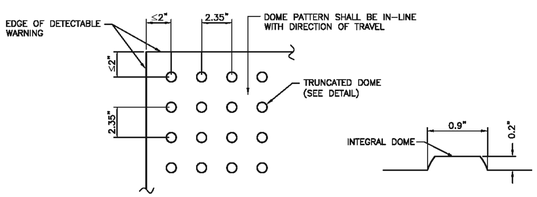


SECTION

Recommended Maximum Pipe Size:
3'–0" Wall–24" Pipe
4'–6" Wall–42" Pipe

Structures Shall Have A Min. 18" Sump From Bottom Of Structure To The Lowest Pipe Invert

TYPE 'E' INLET
N.T.S.

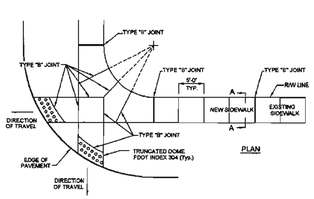


PLAN VIEW

TRUNCATED DOME

ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF THE RAMP AND IN THE DIRECTION OF TRAVEL 24 INCHES FROM THE BACK OF CURB.

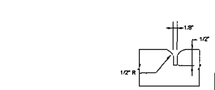
CURB RAMP DETECTABLE WARNING
N.T.S.



PLAN

SECTION A-A

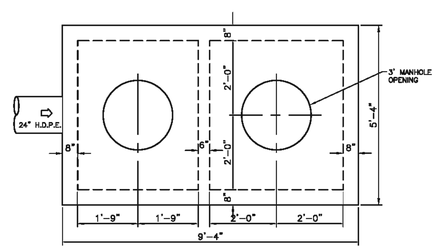
NOTES:
1. CONCRETE TO BE CLASS II, 3000 P.S.I.
2. THE USE OF REINFORCEMENT IS NOT PERMITTED.
3. SIDEWALK SLOPES SHALL MEET THE REQUIREMENTS OF FDOT INDEX 304 AND ADA STANDARDS.
4. RAMPS SHALL BE PROVIDED AT ALL INTERSECTIONS IN ACCORDANCE WITH FDOT INDEX 304.
5. THE VERTICAL DEVIATION FOR A NEW SIDEWALK SHALL NOT BE MORE THAN 1/2".
6. THE VERTICAL DEVIATION FOR A NEW MAINTENANCE ACCESS STRUCTURE COVER SHALL NOT BE MORE THAN 1/4".
7. SUBGRADE MATERIAL SHALL BE COMPACTED TO 100% OF MAXIMUM DENSITY, PER AASHTO T180.
8. DETECTABLE WARNING IS NOT ALLOWED IN LIEU OF TRUNCATED DOMES.
9. SEE HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION APPROVED PRODUCT LIST FOR ACCEPTABLE MATERIALS FOR TRUNCATED DOMES.



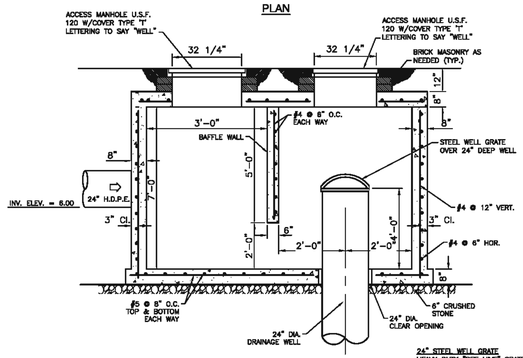
SIDEWALK JOINTS

TABLE OF SIDEWALK JOINTS

TYPE	LOCATION
"B"	6'-0" CENTER TO CENTER ON SIDEWALKS.



PLAN

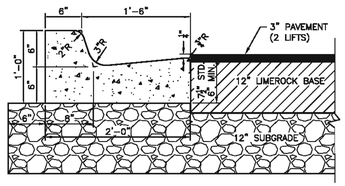


SECTION

24" STEEL WELL GRATE
HEAVY DUTY "BEE HIVE" GRATE.
OPENINGS: 1–1/2" MAX.
TOTAL OPENING: 1.7 SQ. FT. MIN.
FOR 24" WELL, OUTER DIAM.= 29"
STEEL WEL GRATE TO BE INSTALLED OVER 24" DEEP WELL.
STEEL GRATE TO BE HOT DIPPED GALVANIZED AFTER FABRICATION.

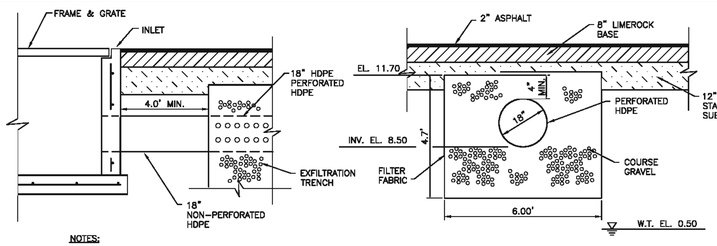
NOTES:
1. DEPTH OF CASING 60" MIN.
2. WELL SHALL BE OF SUFFICIENT LENGTH TO HAVE A DISCHARGE OF A MINIMUM OF 1000 GPM WITH 8.8 FEET OF AVAILABLE DRIVING HEAD.
3. DEPTH OF DRAINAGE WELL & CAPACITY SHALL BE VERIFIED BY CONTRACTOR.

DEEP WELL INJECTION BOX C-3
N.T.S.



TYPE 'F' CURB & GUTTER DETAIL
N.T.S.

NOTE:
WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT. THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE NOTED ON PLANS.



NOTES:
1. PIPES SHALL TERMINATE 4' FROM END OF TRENCH (CAP ENDS OF PIPE) OR CONNECT TO ADDITIONAL CATCH BASINS AS REQUIRED.
2. SIDES AND TOP OF TRENCH ONLY TO BE LINED WITH FILTER FABRIC. OVERLAP LINER A MINIMUM OF 2' AT THE TOP OF THE TRENCH.
3. BALLAST ROCK SHALL BE FROM FRESH WATER, WASHED AND FREE OF DELETERIOUS MATTER.
4. ALL EXFILTRATION TRENCHES SHALL HAVE A POLLUTION RETARDANT BAFFLE AT EACH CONNECTION POINT TO A STRUCTURE. (SEE POLLUTION RETARDANT BAFFLE DETAIL).

EXFILTRATION TRENCH DETAIL

ENGINEER'S SEAL NOT VALID WITHOUT ORIGINAL SIGNATURE

JAY CORLISS EVANS
LICENSE No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

THE ELEVATIONS AS SHOWN HEREON ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988).

SHEET TITLE
ENGINEERING DETAILS

REVISIONS

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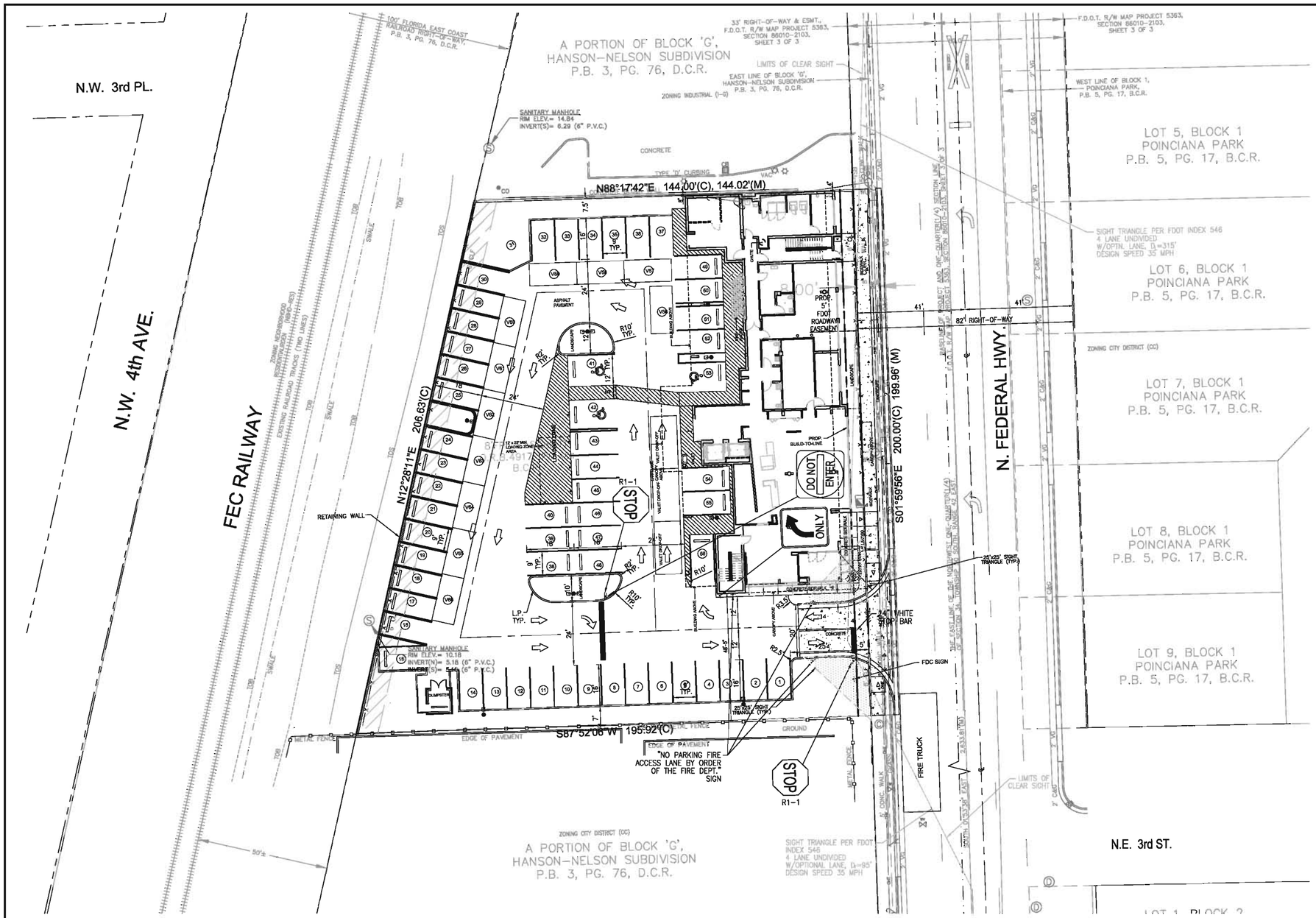
Davie, Florida 33328
Phone: (954) 680–6533
P.E. # 39461

AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: N.T.S.
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
C-2
15011A



LEGEND:

BCR	BROWARD COUNTY RECORDS
DCR	DADE COUNTY RECORDS
PB	PLAT BOOK
PG	PAGE
ORB	OFFICIAL RECORDS BOOK
℄	CENTERLINE
R/W	RIGHT-OF-WAY
SEC	SECTION
PP	WOOD POWER POLE
CLP	CONCRETE LIGHT POLE
ANC	ANCHOR
TYP	TYPICAL
T.O.B.	TOP OF BANK
E.O.W.	EDGE OF WATER
F.F.	FINISH FLOOR
U.E.	UTILITY EASEMENT

LEGEND CONT:

D.E.	DRAINAGE EASEMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	FIRE HYDRANT
	GATE VALVE
	WATER METER
	SANITARY SEWER MANHOLE
	CATCH BASIN
X8.00	EXISTING ELEVATION
8.29 X	PROPOSED ELEVATION
	FLOW DIRECTION
	EXIST. LIGHT POLE
	PROP. LIGHT POLE
	PROP. BOLLARD LIGHT
	PROP. TRANSFORMER

GRAPHIC SCALE

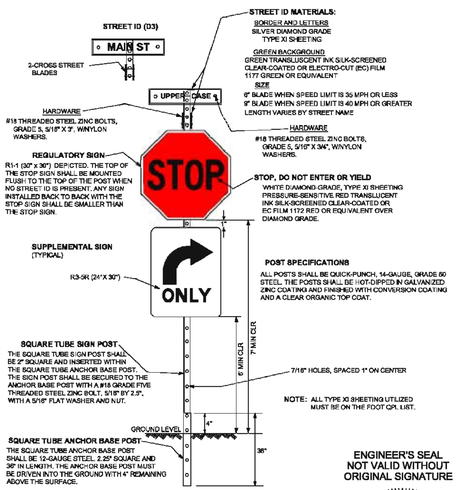
20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

NOTE: PAVEMENT MARKINGS SHALL BE 3M 5730 TAPE WITH PRIMER.

STOP SIGN AND STREET IDENTIFICATION ASSEMBLY

Typical Details



ENGINEER'S SEAL
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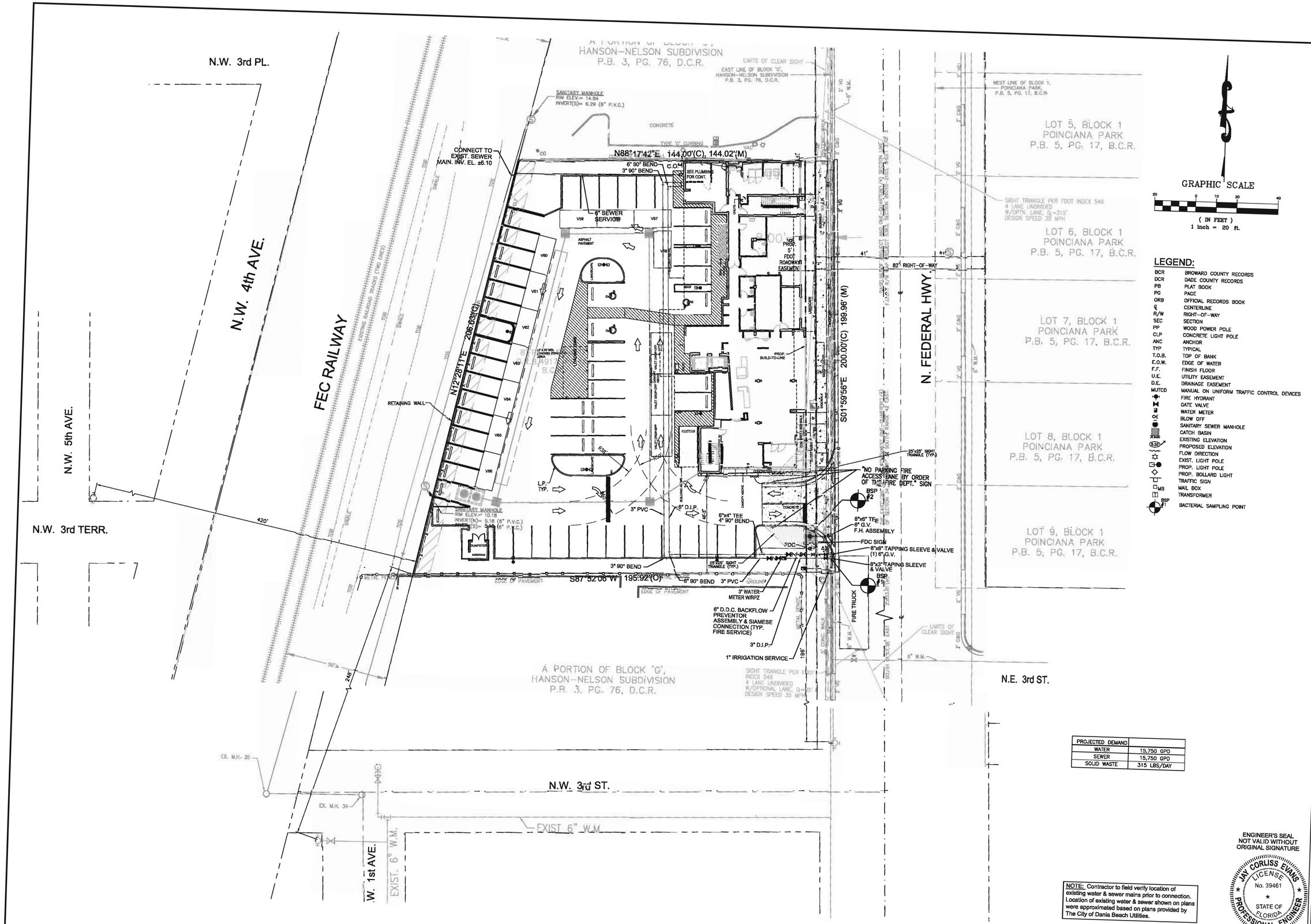
AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
C-3
15011A

SHEET TITLE
PAVEMENT MARKING & SIGNAGE PLAN



GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

LEGEND:

BCR	BROWARD COUNTY RECORDS
DCR	DADE COUNTY RECORDS
PB	PLAT BOOK
PG	PAGE
ORB	OFFICIAL RECORDS BOOK
℄	CENTERLINE
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PP	WOOD POWER POLE
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D.E.	DRAINAGE EASEMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	FIRE HYDRANT
	GATE VALVE
	WATER METER
	BLOW OFF
	SANITARY SEWER MANHOLE
	CATCH BASIN
X 8.00	EXISTING ELEVATION
8.28	PROPOSED ELEVATION
	FLOW DIRECTION
	EXIST. LIGHT POLE
	PROP. LIGHT POLE
	PROP. BOLLARD LIGHT
	TRAFFIC SIGN
MB	MAIL BOX
	TRANSFORMER
BSP #1	BACTERIAL SAMPLING POINT

PROJECTED DEMAND	
WATER	15,750 GPD
SEWER	15,750 GPD
SOLID WASTE	315 LBS/DAY

NOTE: Contractor to field verify location of existing water & sewer mains prior to connection. Location of existing water & sewer shown on plans were approximated based on plans provided by The City of Dania Beach Utilities.

ENGINEER'S SEAL NOT VALID WITHOUT ORIGINAL SIGNATURE

JAY CORLISS EVANS LICENSE No. 39461 STATE OF FLORIDA PROFESSIONAL ENGINEER

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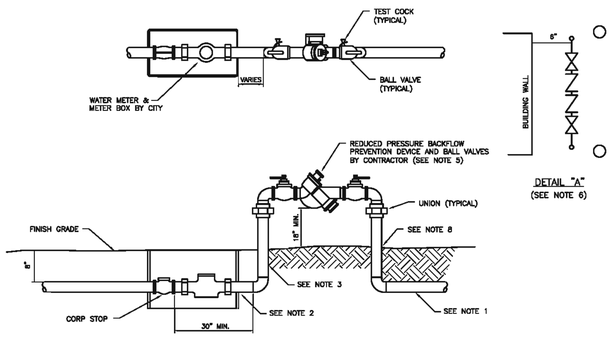
AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 08/23/19
DRAWN BY: JRW

SHEET No.
C-4

SHEET TITLE
WATER AND SEWER PLAN

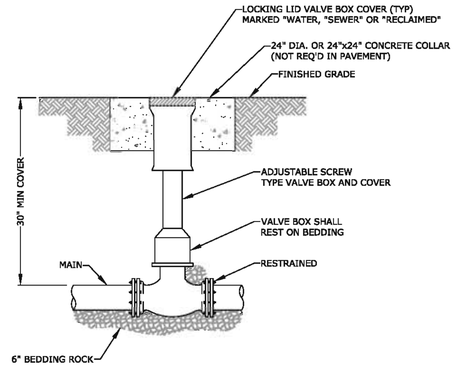
15011A



NOTES:

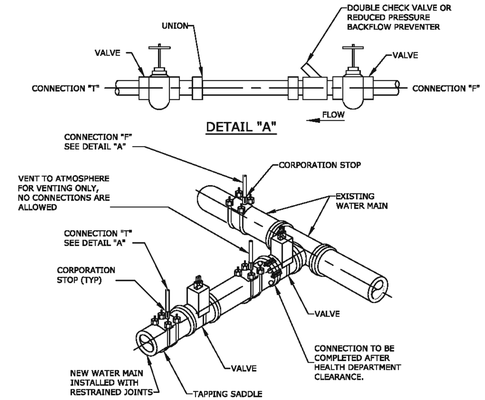
1. TYPE "K" COPPER TUBING (SOFT DRAWN) OR POLYETHYLENE TUBING SDR 9 COPPER TUBE SIZE.
2. IF THIS DISTANCE IS LESS THAN 3 FEET ONLY COPPER TUBING SHALL BE PERMITTED.
3. BOTH RISERS SHALL BE TYPE "K" COPPER TUBING (HARD DRAWN) WITH COPPER/BRASS SOLDER FITTINGS AND ADAPTERS. ONLY LEAD FREE SOLDER AND FLUX SHALL BE PERMITTED.
4. BOTH 1 1/2" AND 2" ANGLE METER STOPS SHALL BE EQUIPPED WITH LOADING CAPS AND METER FLANGES.
5. APPROVED BACKFLOW PREVENTION DEVICES:
   1.) HERSEY MODEL FRP-II
   2.) FEBCO MODEL 825Y
   3.) FEBCO MODEL 825Y-A (NO UNIONS REQUIRED)
6. WHEN THE DEVICE IS INSTALLED PARALLEL TO A BUILDING WALL THERE SHALL BE A MIN. OF 6" BETWEEN THE EDGE OF THE DEVICE AND THE BUILDING WALL.
7. BACKFLOW PREVENTION DEVICE SHALL BE EQUIPPED WITH BALL VALVES IN LIEU OF GATE VALVES.
8. BACKFLOW PREVENTION DEVICE SHALL BE SUPPORTED AT BOTH RISERS WITH STAINLESS STEEL UNISTRUT. RISER TO BE SECURED TO UNISTRUT WITH STAINLESS STEEL (304) MOUNTING HARDWARE AND NEOPRENE INSULATORS BETWEEN ALL DISSIMILAR METALS.

RPZ BACKFLOW PREVENTION DEVICE
N.T.S.



1. WHEN VALVE IS NOT LOCATED IN PAVEMENT, PLACE A WHITE PAVEMENT REFLECTOR MARKER IN THE DRIVE LANE, ADJACENT TO THE VALVE.
2. OPERATOR EXTENSION SHAFT SHALL BE PROVIDED WHEN OPERATING NUT IS MORE THAN 24" BELOW TOP OF VALVE BOX.
3. PVC PIPE OR DUCTILE IRON PIPE IS NOT ACCEPTABLE FOR VALVE BOX RISER.

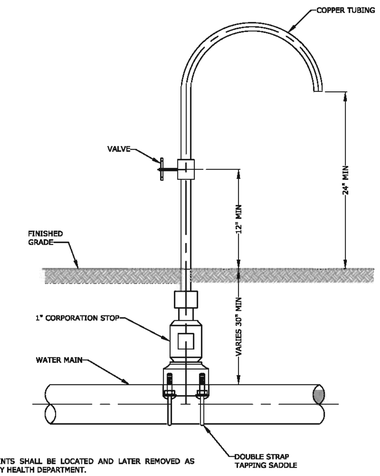
VALVE BOX DETAIL



NOTES:

1. REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON EXISTING MAIN AFTER FILLING AND FLUSHING OF NEW LINE.
2. DO NOT REMOVE TEMPORARY CONNECTION AT CORPORATION STOP ON NEW MAIN UNTIL ALL TESTING HAS BEEN CLEARED BY HEALTH DEPARTMENT.
3. CLOSE CORPORATION STOPS AND PLUG/CAP WITH BRASS FITTINGS AFTER SAMPLING IS COMPLETED.

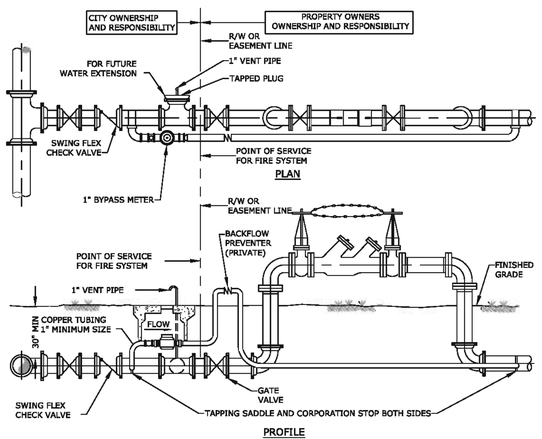
FILLING AND FLUSHING CONNECTION



NOTES:

1. SAMPLE POINTS SHALL BE LOCATED AND LATER REMOVED AS REQUIRED BY HEALTH DEPARTMENT.
2. CORPORATION STOP SHALL BE CLOSED AND PLUGGED/CAPPED WITH A BRASS FITTING AFTER HEALTH DEPARTMENT CLEARANCE.
3. SAMPLING POINTS MAY BE PLACED AT THE ENDS OF WATER SERVICES BEFORE THE METERS AND ON BLOW OFFS FOR TERMINAL WATER MAINS, WHERE SERVICES AND BLOW OFFS ARE REQUIRED BY THE PLANS.

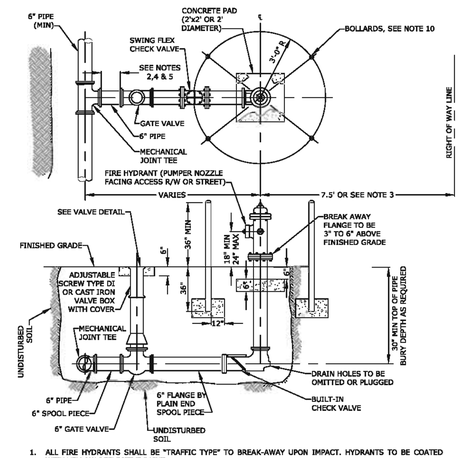
SAMPLING POINT



PROFILE

1. THE DOUBLE CHECK VALVE SHALL BE PRIVATELY OWNED BY PROPERTY OWNER.
2. FIRE SYSTEM TO BE CONSTRUCTED/TESTED IN ACCORDANCE WITH NFPA STDS. & ALL APPLICABLE CODES.
3. METER BOX AND SERVICE LINE SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAIL FOR WATER METER INSTALLATION AND NFP STDS & CODES. USE TYPE "K" COPPER TUBING AND BRASS OR COPPER FITTINGS.
4. BACKFLOW PREVENTER FOLLOWING THE METER SHALL BE THE SAME TYPE DEVICE (DEGREE OF HAZARD) AS THE FIRE MAIN DEVICE. THIS SHALL BE PRIVATELY OWNED BY THE PROPERTY OWNER. METER BOX SHALL BE SUPPLIED BY CONTRACTOR.
5. EXTENT OF CITY OWNERSHIP IS LIMITED TO THE BYPASS METER AND ALL PIPING PRIOR TO THE POINT OF SERVICE FOR THE FIRE SYSTEM AS SHOWN ON THIS DRAWING.
6. 1" VENT PIPE TO BE REMOVED AFTER CITY APPROVAL.

DEDICATED FIRE SYSTEM
PRIVATE FIRE PROTECTION
4", 6" AND 8" DIAMETER CONNECTION



1. ALL FIRE HYDRANTS SHALL BE "TRAFFIC TYPE" TO BREAK-AWAY UPON IMPACT. HYDRANTS TO BE COATED WITH YELLOW REFLECTIVE PAINT.
2. USE RESTRAINED JOINTS FOR THE ENTIRE ASSEMBLY SHOWN.
3. HYDRANT SET BACK SHALL CONFORM TO FDOT STANDARDS, WHERE APPLICABLE.
4. GATE VALVE IS NORMALLY LOCATED NEXT TO TEE.
5. IF DISTANCE FROM MAIN LINE TO FIRE HYDRANT IS GREATER THAN 20 FEET ANOTHER GATE VALVE WILL BE PROVIDED CLOSE TO THE HYDRANT. THIS SECOND VALVE SHALL BE INSTALLED WITHIN 5' OF THE FIRE HYDRANT. CHECK VALVE SHALL BE WITHIN 3' OF FIRE HYDRANT UNLESS CHECK VALVE INTEGRAL TO HYDRANT ASSEMBLY.
6. THE STEAMER OPENING IS TO BE 4 1/5" IN SIZE WITH 4 NATIONAL STANDARD THREADS PER INCH.
7. THE FIRE HYDRANT MAIN BODY VALVE SHALL OPEN AGAINST THE FLOW AND SHALL CLOSE WITH THE FLOW.
8. HYDRANT FEED PIPE MAY BE TAPPED FOR A SERVICE LINE UPSTREAM OF THE ISOLATION GATE VALVE.
9. A BLUE RAISED REFLECTIVE PAVEMENT MARKER SHALL BE PLACED AT THE CENTER LINE OF THE OUTSIDE ROADWAY LANE TO IDENTIFY THE FIRE HYDRANT LOCATION.
10. BOLLARDS TO BE SCH. 3" STEEL PIPE FILLED WITH CONCRETE AND COATED WITH YELLOW REFLECTIVE PAINT. OMIT REAR GUARDS IN LOCATIONS WHERE SIDEWALKS EXIST.

FIRE HYDRANT INSTALLATION

ENGINEER'S SEAL
NOT VALID WITHOUT
ORIGINAL SIGNATURE

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LICENSE
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SHEET TITLE
STANDARD WATER DETAILS

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AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: N.T.S.
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C-5
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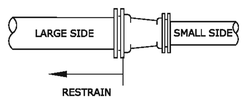
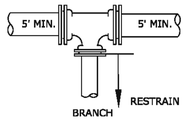


STRAIGHT REDUCER



TEE REDUCER

SMALL SIDE

DUCTILE IRON PIPE				
DIAMETER	6"	8"	10"	12"
4"	15'	27'	36'	45'
6"		16'	27'	38'
8"			15'	28'
10"				16'
PVC PIPE				
	6"	8"	10"	12"
4"	24'	43'	58'	72'
6"		25'	44'	61'
8"			24'	44'
10"				25'

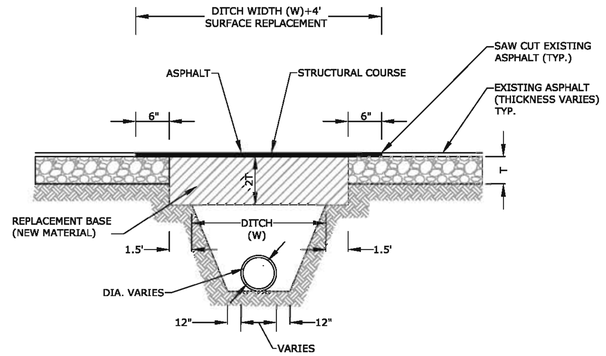
BRANCH SIZE

DUCTILE IRON PIPE				
DIAMETER	6"	8"	10"	12"
4"	1'	1'	1'	1'
6"		6'	1'	1'
8"			15'	10'
10"				23'
PVC PIPE				
	6"	8"	10"	12"
4"	1'	1'	1'	1'
6"		9'	1'	1'
8"			24'	16'
10"				37'

THE NOTED REQUIREMENTS WERE CALCULATED IN ACCORDANCE WITH THRUST RESTRAINT CALCULATOR V6.1 BY EBAA IRON WITH THE FOLLOWING ASSUMPTIONS:
SOIL CONDITIONS: SAND (SW, SP, GW)
LAYING CONDITION: 4, SAND BEDDING, BACKFILL COMPACTED > 80%
MINIMUM COVER: 3.0 FT SAFETY FACTOR: 1.5 BARE PIPE
IF FIELD CONDITIONS DIFFER FROM THE ABOVE, CONTRACTOR SHALL NOTIFY THE CITY. FOR PIPE LARGER THAN INCLUDED IN THE ABOVE TABLES, ENGINEER OF RECORD SHALL SUBMIT CALCULATIONS FOR EACH JOINT REQUIRING RESTRAINT.

RESTRAINED REDUCING FITTING
150 PSI TEST PRESSURE

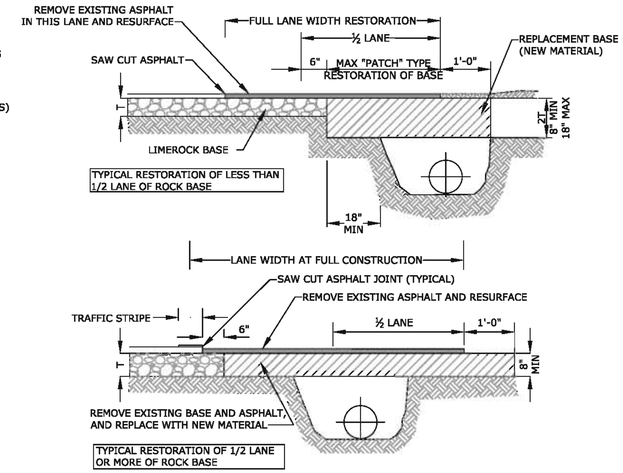
RESTRAINED JOINT REQUIREMENTS REDUCING FITTINGS



NOTES:

1. BASE MATERIAL OVER DITCH SHALL BE TWICE THE THICKNESS OF THE ORIGINAL.
2. BASE MATERIAL SHALL BE PLACED IN 6" MAXIMUM LAYERS (LOOSE MEASUREMENT) AND EACH LAYER THOROUGHLY ROLLED OR TAMPED TO 98% OF MAXIMUM DENSITY, PER AASHTO T-180.
3. ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAW CUT.
4. SURFACE MATERIAL SHALL BE CONSISTENT WITH THE SURROUNDING SURFACE MATERIAL.
5. BASE MATERIAL SHALL HAVE A MINIMUM CARBONATE OF 70% (60% FOR LOCAL STREETS).
6. SUB GRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
7. IF THE DITCH IS FILLED TEMPORARILY, IT SHALL BE COVERED WITH A 2" THICK ASPHALT CONCRETE PATCH TO KEEP THE FILL MATERIAL FROM RAVELING, UNTIL REPLACED WITH A PERMANENT PATCH.
8. FOR STATE ROADS REFER TO FDOT SPECIFICATIONS AND REQUIREMENTS.

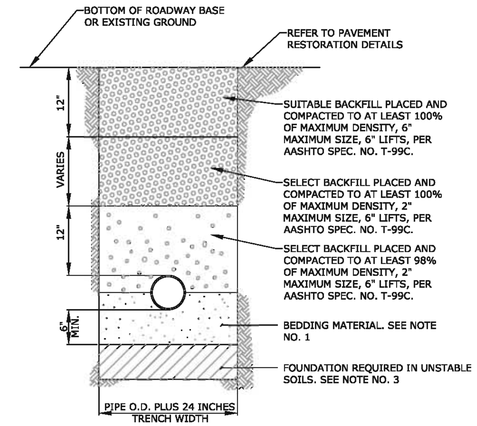
RESTORATION OF ROADWAY CUT FOR PERPENDICULAR UTILITY INSTALLATION



NOTES:

1. BASE MATERIAL SHALL HAVE A MINIMUM LBR OF 100 AND A MINIMUM CARBONATE CONTENT OF 70% (60% FOR LOCAL STREETS).
2. BASE SHALL BE PLACED IN 6" MAXIMUM THICKNESS LAYERS WITH EACH LAYER COMPACTED AS REQUIRED AND TESTED PRIOR TO THE PLACEMENT OF THE SUCCEEDING LAYERS.
3. SUBGRADE MATERIAL SHALL BE GRANULAR AND ANGULAR AND SHALL HAVE A MINIMUM LBR OF 40.
4. BACKFILL SHALL BE PLACED AND COMPACTED IN 6" LAYERS, BUT TESTING WILL BEGIN 12" ABOVE THE INSTALLED FACILITY.
5. ALL EDGES OF EXISTING ASPHALT PAVEMENT THAT ABUT RESURFACING SHALL BE SAW CUT IN STRAIGHT LINES PARALLEL TO OR PERPENDICULAR TO THE ROADWAY, PRIOR TO RESURFACING.
6. RESURFACING MATERIAL SHALL BE CONSISTENT WITH SURROUNDING SURFACE, AND SHALL BE APPLIED IN 2 LIFTS, A MINIMUM OF ¾ INCH AND A MAXIMUM OF 2" IN THICKNESS.
7. TRAFFIC STRIPES SHALL NOT BE PLACED DIRECTLY ON TOP OF THE JOINT
8. FOR STATE ROADS REFER TO FDOT SPECIFICATIONS AND REQUIREMENTS.

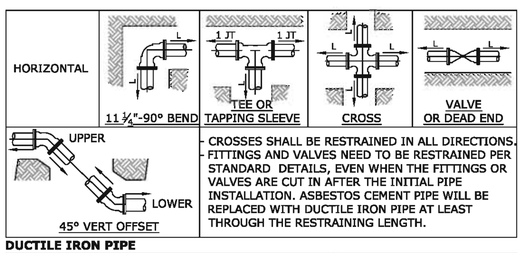
RESTORATION OF ROADWAY CUT FOR PARALLEL UTILITY INSTALLATION



NOTES:

1. UNLESS OTHERWISE SPECIFIED, BEDDING MATERIAL SHALL CONSIST OF SELECT BACKFILL MATERIAL 2" MAX. SIZE, COMPACTED TO AT LEAST 100% OF MAX. DENSITY, 6" LIFTS, PER AASHTO SPEC. NO. T-99C.
2. WHERE REQUIRED, SHEETING AND SHORING SHALL BE IN ACCORDANCE WITH OSHA REQUIREMENTS.
3. WHERE UNSTABLE SOILS ARE ENCOUNTERED, INCLUDING PEAT, MUCK OR OTHER ORGANIC SOILS, ELASTIC SILT AND CLAYS, A FOUNDATION IS REQUIRED AS DETERMINED BY THE ENGINEER OF RECORD.

TYPICAL TRENCH BACKFILL



- CROSSES SHALL BE RESTRAINED IN ALL DIRECTIONS.
- FITTINGS AND VALVES NEED TO BE RESTRAINED PER STANDARD DETAILS, EVEN WHEN THE FITTINGS OR VALVES ARE CUT IN AFTER THE INITIAL PIPE INSTALLATION. ASBESTOS CEMENT PIPE WILL BE REPLACED WITH DUCTILE IRON PIPE AT LEAST THROUGH THE RESTRAINING LENGTH.

DUCTILE IRON PIPE

	HORIZONTAL, L (FEET)						45° VERTICAL OFFSET (FEET)	
Diameter	11 ¼°	22 ½°	45°	90°	Tee or Cross	Valves and Dead End	UPPER	LOWER
4	1	2	4	10	3	20	9	3
6	2	3	6	14	11	28	12	4
8	2	4	8	17	20	37	16	5
10	2	5	19	21	27	44	19	6
12	3	5	10	24	34	52	22	6

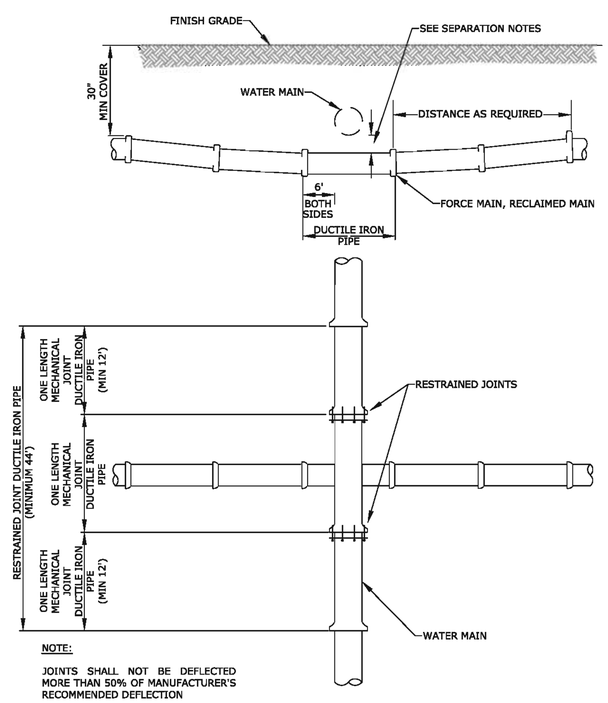
PVC PIPE

	HORIZONTAL, L (FEET)						45° VERTICAL OFFSET (FEET)	
Diameter	11 ¼°	22 ½°	45°	90°	Tee or Cross	Valves and Dead End	UPPER	LOWER
4	2	3	5	12	5	32	14	3
6	2	4	7	16	18	45	19	5
8	3	5	9	21	31	59	25	6
10	3	5	11	25	43	71	30	7
12	3	6	12	29	55	83	35	7

THE NOTED REQUIREMENTS WERE CALCULATED IN ACCORDANCE WITH THRUST RESTRAINT CALCULATOR V6.1 BY EBAA IRON WITH THE FOLLOWING ASSUMPTIONS:
SOIL CONDITIONS: SAND (SW, SP, GW)
LAYING CONDITION: 4, SAND BEDDING, BACKFILL COMPACTED > 80%
MINIMUM COVER: 3.0 FT SAFETY FACTOR: 1.5 BARE PIPE
IF FIELD CONDITIONS DIFFER FROM THE ABOVE, CONTRACTOR SHALL NOTIFY THE CITY. FOR PIPE LARGER THAN INCLUDED IN THE ABOVE TABLES, ENGINEER OF RECORD SHALL SUBMIT CALCULATIONS FOR EACH JOINT REQUIRING RESTRAINT.

SINGLE FITTING RESTRAINED JOINT
150 PSI TEST PRESSURE

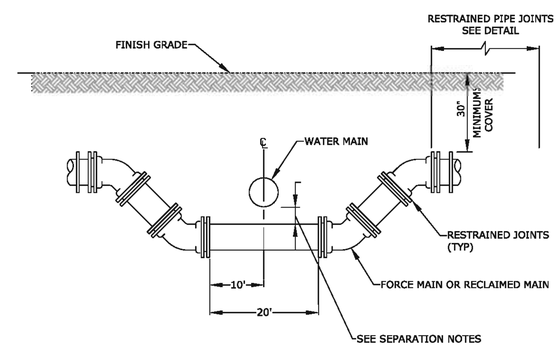
RESTRAINED JOINT REQUIREMENTS SINGLE FITTING



NOTE:

JOINTS SHALL NOT BE DEFLECTED MORE THAN 50% OF MANUFACTURER'S RECOMMENDED DEFLECTION

STANDARD UTILITY CROSSING



WHEREVER POSSIBLE DEFLECTION OF THE PIPE WILL BE USED TO AVOID EXISTING OBSTRUCTIONS. THIS CROSSING SHALL BE USED ONLY WHEN APPROVED BY THE CITY.

SPECIAL UTILITY CROSSING

NOTES ON PIPE SEPARATIONS:

1. STORM SEWER, GRAVITY WASTEWATER AND RECLAIMED WATER MAINS CROSSING UNDER POTABLE WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF EIGHTEEN (18) INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE. WHERE THIS MINIMUM SEPARATION CANNOT BE MAINTAINED, THE CROSSING SHALL BE ARRANGED SO THAT THE STORM/WASTEWATER/RECLAIMED WATER PIPE JOINTS AND POTABLE WATER MAIN JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING WITH NO LESS THAN TEN (10) FEET BETWEEN ANY TWO JOINTS, BOTH PIPES SHALL BE D.I.P., AND THE MINIMUM VERTICAL SEPARATION SHALL BE 6 INCHES. WHERE THERE IS NO ALTERNATIVE TO STORM/WASTEWATER/RECLAIMED WATER PIPES CROSSING OVER A POTABLE WATER MAIN, THE CRITERIA FOR MINIMUM 18" VERTICAL SEPARATION BETWEEN LINES AND JOINT ARRANGEMENT, AS STATED ABOVE, SHALL BE REQUIRED, AND BOTH PIPES SHALL BE D.I.P. IRRESPECTIVE OF SEPARATION. D.I.P. IS NOT REQUIRED FOR STORM SEWERS.
2. MAINTAIN A MINIMUM TEN (10) FEET HORIZONTAL DISTANCE BETWEEN POTABLE WATER MAIN AND STORM SEWER, WASTEWATER MAIN, OR FORCE MAIN. MAINTAIN A MINIMUM THREE (3) FEET HORIZONTAL DISTANCE (WALL TO WALL) BETWEEN RECLAIMED WATER MAIN AND POTABLE WATER MAIN, STORM SEWER, WASTEWATER GRAVITY MAIN OR FORCE MAIN.
3. FORCE MAIN CROSSING POTABLE WATER MAIN OR RECLAIMED WATER MAIN SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF EIGHTEEN (18) INCHES BETWEEN THE OUTSIDE OF THE FORCE MAIN AND OUTSIDE OF THE POTABLE WATER MAIN OR RECLAIMED WATER MAIN WITH POTABLE WATER MAIN OR RECLAIMED WATER MAIN CROSSING OVER THE FORCE MAIN.
4. FITTINGS SHALL BE RESTRAINED.
5. THE DEFLECTION TYPE CROSSING IS PREFERRED.

ENGINEER'S SEAL NOT VALID WITHOUT ORIGINAL SIGNATURE

JAY CORLISS EVANS
LICENSE
No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET TITLE
GENERAL WATER AND SEWER DETAILS

REVISIONS

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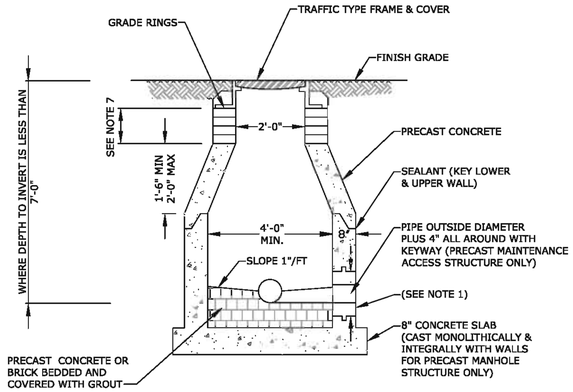
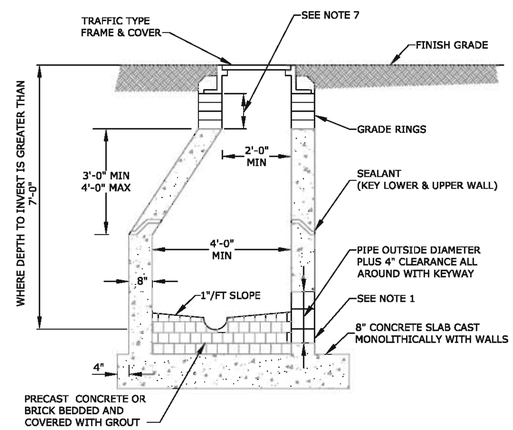


1. MANHOLE STRUCTURE ADAPTOR COUPLING NEOPRENE BOOT OR APPROVED EQUAL ARE REQUIRED FOR ALL PIPE MATERIAL.
2. MANHOLE STRUCTURE WALLS TO BE SEAL COATED INSIDE AND OUTSIDE WITH 16 MIL. THICKNESS OF COAL TAR EPOXY. THE 1st COAT IS RED AND THE 2nd COAT IS BLACK.
3. LIFT HOLES THROUGH PRECAST SECTIONS PERMITTED PER OSHA REQUIREMENTS.
4. ALL OPENINGS SHALL BE SEALED WITH WATERPROOF EXPANDING GROUT.
5. A FLOW CHANNEL SHALL BE CONSTRUCTED INSIDE MANHOLE STRUCTURE TO DIRECT INFLUENT INTO FLOW STREAM.
6. ALL CONCRETE SHALL BE TYPE II CEMENT, MEETING LATEST ASTM REQUIREMENTS AND PROVIDED WITH LABORATORY CERTIFICATION ON PRECAST STRUCTURES.
7. THE CHIMNEY AREA SHALL BE MINIMUM OF 4" AND A MAXIMUM OF 12" IN HEIGHT. A MINIMUM OF 3 GRADE RINGS SHALL BE INSTALLED. SET IN 2 STRIPS OF SEALANT/ADHESIVE COMPOUND ON EACH SEALING FACE.
8. SET MANHOLE STRUCTURE FRAME ON 2 STRIPS OF SEALANT PLUS A BED OF PORTLAND CEMENT AND SILICA SAND. BRING MORTAR UP OVER FRAME.
9. APPLY MORTAR COATING TO INSIDE AND OUTSIDE OF CHIMNEY. BRING MORTAR UP AND OVER FRAME.

SHALLOW MANHOLE STRUCTURE



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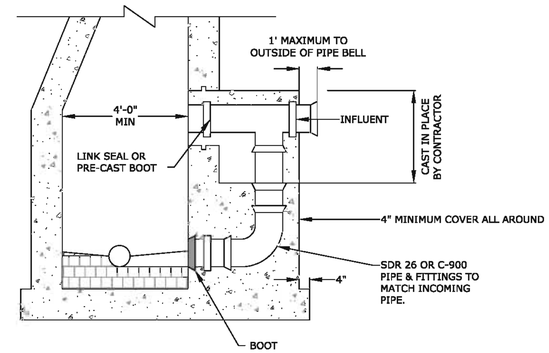
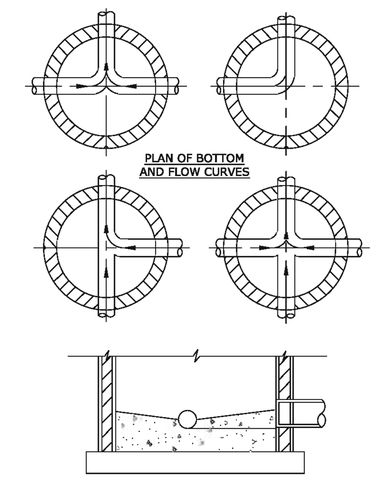
9. APPLY MORTAR COATING TO INSIDE AND OUTSIDE OF CHIMNEY. BRING MORTAR UP AND OVER FRAME.

PRECAST MANHOLE STRUCTURE



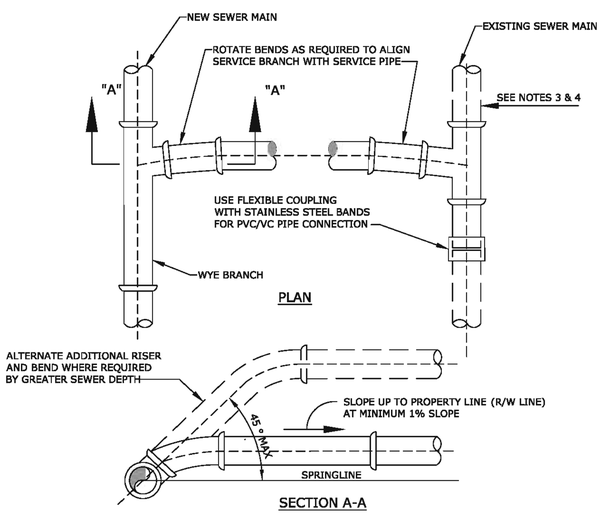
1. THE MANUFACTURER'S PORTION OF THE CONCRETE ENCASEMENT FOR THE DROP CONNECTION SHALL BE POURED INTEGRALLY WITH BOTH THE MANHOLE STRUCTURE SLAB AND WALL.
2. DROP CONNECTIONS SHALL BE REQUIRED WHENEVER AN INFLUENT SEWER IS LOCATED TWO (2) FEET OR MORE ABOVE THE MAIN INVERT CHANNEL.
3. ALL REQUIREMENTS FOR PRECAST MANHOLE STRUCTURES WITHOUT DROP CONNECTIONS WILL ALSO APPLY TO PRECAST MANHOLE STRUCTURES WITH DROP CONNECTIONS. SEE PRECAST MAANHOLE STRUCTURE STANDARD DETAIL FOR OTHER REQUIREMENTS.
4. ALL PIPES TO BE SAME DIAMETER AS INFLUENT SEWER MAIN.

PRECAST MANHOLE STRUCTURE DROP CONNECTION



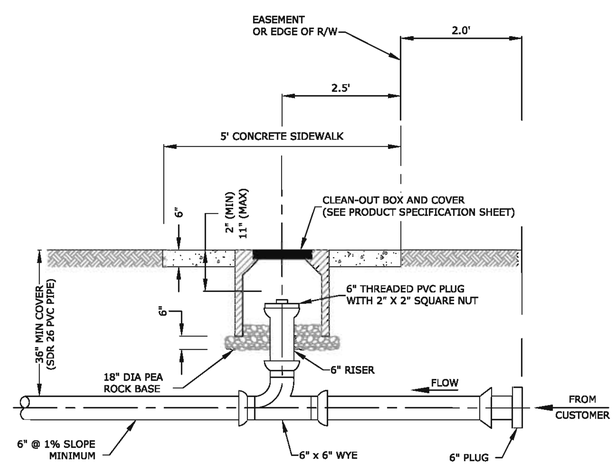
1. PROVIDE SPILLWAY FOR SMOOTH FLOW BETWEEN PIPES WITH DIFFERENT INVERT ELEVATIONS.
2. SLOPE MANHOLE STRUCTURE SHELF 1"/FT MANHOLE STRUCTURE WALL TO CHANNEL.
3. INVERT CHANNEL TO BE CONSTRUCTED FOR SMOOTH FLOW WITH NO OBSTRUCTIONS.
4. CHANNEL SHALL BE PRECAST CONCRETE OR FILLED WITH BRICK COVERED WITH 1" OF MORTAR.

INVERT CHANNEL FLOW DIRECTIONS



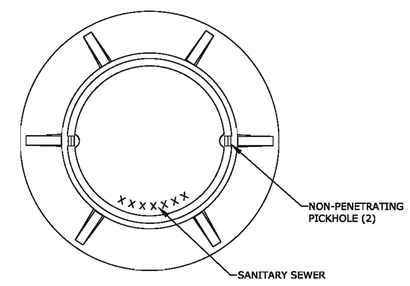
1. SINGLE SERVICE CONNECTIONS SHALL USE 6" SDR 26 PVC PIPE AND FITTINGS.
2. USE RISER CONNECTIONS WHERE INVERT OF SEWER IS MORE THAN 7'-0" DEEP.
3. WHERE BELL OF WYE AND SPIGOT OF EXISTING MAIN ARE NOT COMPATIBLE, USE A SECOND FLEXIBLE COUPLING.
4. RIGID COUPLINGS MAY BE USED IN LIEU OF FLEXIBLE COUPLINGS.
5. MAINTAIN 36" MINIMUM COVER FROM TOP OF SERVICE TO FINISH GRADE; WHERE NOT TECHNICALLY FEASIBLE CONTACT WWS ENGINEERING.
6. PVC SERVICES SHALL BE INSTALLED IN ACCORDANCE WITH MINIMUM STANDARDS OF THE UNI-BELL HANDBOOK OF PVC PIPE DESIGN AND CONSTRUCTION, LATEST EDITION.

WYE SEWER SERVICE CONNECTION



1. THE CLEAN OUT SHALL BE INSTALLED IN THE MIDDLE OF THE SIDEWALK. THIS DIMENSION WILL VARY DEPENDING UPON THE WIDTH OF THE SIDEWALK. 2.5' APPLIES TO 5' SIDEWALK WIDTH. IF SIDEWALKS DO NOT EXIST, THE CLEAN OUT SHALL BE INSTALLED 2.5' FROM THE RIGHT OF WAY LINE.
2. A NEW SECTION OF SIDEWALK SHALL BE POURED AROUND THE CLEAN-OUT BOX WHEN WORKING IN AN AREA WITH EXISTING SIDEWALKS.
3. IN GRASS AREA USE 24"x24" OR 24" DIAMETER CONCRETE COLLAR.

SEWER SERVICE CONNECTION AT PROPERTY LINE OR EASEMENT LINE PROFILE



GRAVITY SEWER MANHOLE FRAME AND COVER

ENGINEER'S SEAL NOT VALID WITHOUT ORIGINAL SIGNATURE

JAY CORLISS EVANS — LICENSE No. 39461 — STATE OF FLORIDA — PROFESSIONAL ENGINEER

SHEET TITLE: STANDARD SEWER DETAILS

REVISIONS

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AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: N.T.S.
DATE: 08/23/19
DRAWN BY: JRW
SHEET No. C-7
15011A

I. APPLICABLE CODES

A. GENERAL:

ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE TOWN OF DAVIE, CITY OF DANIA BEACH, BROWARD COUNTY DEPARTMENT OF PLANNING AND ENVIRONMENTAL PROTECTION (BCDPEP), BROWARD COUNTY HEALTH DEPARTMENT (BCHD), BROWARD COUNTY WATER RESOURCES (BCWR), SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD), AND ALL OTHER LOCAL AND NATIONAL CODES WHERE APPLICABLE.

B. CONSTRUCTION SAFETY:

ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER, SPECIFICALLY, THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.

C. TRENCH SAFETY ACT:

1. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.
2. WHERE EXCAVATIONS TO A DEPTH IN EXCESS OF FIVE FEET (5') ARE REQUIRED THE CONTRACTOR SHALL INCLUDE THE FOLLOWING INFORMATION IN THE BID:
   a. REFERENCE TO THE SAFETY STANDARDS THAT WILL BE IN EFFECT DURING THE PERIOD OF CONSTRUCTION OF THE PROJECT.
   b. WRITTEN ASSURANCES BY THE CONTRACTOR PERFORMING THE TRENCH EXCAVATION THAT SUCH CONTRACTOR WILL COMPLY WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
   c. A SEPARATE ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY STANDARDS.
3. WHERE A BID IS NOT SUBMITTED, THE CONTRACTOR SHALL SUBMIT THE INFORMATION LISTED IN ITEM 2, TO THE ENGINEER PRIOR TO STARTING WORK.

D. SURVEY DATA:

ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD).

II. PRECONSTRUCTION RESPONSIBILITY

A. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE THE CITY OF DANIA BEACH ENGINEERING DIVISION AND UTILITIES DEPT., THE OWNER, AND THE ENGINEER, AFTER OBTAINING A CONSTRUCTION PERMIT FROM THE ENGINEERING DIVISION.

B. THE CONTRACTOR SHALL OBTAIN A "SUNSHINE CERTIFICATION NUMBER" AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION.

C. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION, ELEVATION, AND MATERIAL OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.

D. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REQUEST LOCATIONS, SUNSHINE CERTIFICATION NUMBER. HE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.

E. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER, WHO WILL IN TURN NOTIFY THE CITY OF DANIA BEACH ENGINEERING DIVISION AND/OR THE UTILITIES DEPARTMENT.

III. INSPECTIONS

A. THE CONTRACTOR SHALL NOTIFY THE CITY OF DANIA BEACH CITY ENGINEERING (954–924–3615), CITY OF DANIA BEACH PUBLIC SERVICES DEPARTMENT (954–924–3741), BCWR ENVIRONMENTAL LICENSING AND BUILDING PERMITTING DIVISION (954–765–4400), AND THE ENGINEER OF RECORD AT LEAST 24 HOURS PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS:

1. STORM DRAINAGE.
2. SANITARY SEWER.
3. WATER SYSTEM.
4. SUBGRADE; SUBMIT AND HAVE APPROVED DENSITIES PRIOR TO PLACEMENT OF ROCK.
5. LIMEROCK BASE; SUBMIT AND HAVE APPROVED DENSITIES AND AS–BUILTS PRIOR TO THE PLACEMENT OF ANY ASPHALT.
6. ASPHALTIC CONCRETE.
7. FINAL.

B. ALL INSPECTIONS MADE BY THE CITY OF DANIA BEACH, BRWR, AND FDOT, THE ENGINEER OF RECORD WILL PROVIDE CONSTRUCTION OBSERVATION SERVICES.

IV. SHOP DRAWINGS

A. PRIOR TO ISSUANCE OF A CONSTRUCTION PERMIT, A MATERIAL LIST SHALL BE SUBMITTED TO AND REVIEWED BY THE ENGINEER OF RECORD AND THE CITY OF DANIA BEACH FOR SANITARY MANHOLES, HYDRANTS, VALVES, PIPING, LIFT STATIONS AND OTHER ACCESSORIES. CATALOGUE LITERATURE SHALL BE SUBMITTED FOR WATER AND SEWER PIPES, FITTINGS AND APPURTENANCES.

B. ANY PRODUCT THAT IS NOT ON THIS LIST MUST BE APPROVED IN ADVANCE BY THE ENGINEER OF RECORD AND THE CITY OF DANIA BEACH P&D. SUCH APPROVAL REQUIRES THE SUBMISSION OF A SHOP DRAWING (SIX COPIES) FOR EACH PRODUCT. SHOP DRAWINGS WILL ALSO BE REQUIRED FOR ALL NON–STANDARD ITEMS.

C.

INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOGUE LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.

V. TEMPORARY FACILITIES

A. TEMPORARY UTILITIES:

1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO HIS EMPLOYEE AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A WATER METER FROM THE CITY, PAYING FOR ALL WATER USED FOR CONSTRUCTION AND PREVENTING USE OF UN–METERED WATER. NO WATER SERVICE OR FIRE HYDRANT SHALL BE USED UNTIL ACCEPTED AND APPROVED FOR SERVICE BY THE APPROPRIATE AGENCIES. WATER SERVICES SHALL BE LOCKED UNTIL METERS ARE SET. FIRE HYDRANTS SHALL BE COVERED AND TAGGED 'OUT OF SERVICE' UNTIL THE WATER SYSTEM IS APPROVED AND PRESSURIZED FOR SERVICE.

B. TRAFFIC REGULATION:

1. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT–OF–WAY SHALL BE IN ACCORDANCE WITH THE MUTCD AND CITED.
2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
3. NO TRENCHES OR HOLES NEAR WALKWAYS OR IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY OF DANIA BEACH.

VI. PROJECT CLOSE OUT

A. CLEANING UP:

1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEPT BROOM CLEAN.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER OR THE CITY OF DANIA BEACH, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED, ALL NECESSARY HIGHWAY OR DRIVEWAY, SIDEWALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR BEEN PLACED IN WATER COURSES, GRAVITY SEWER, DITCHES, DRAINS, CATCH BASINS, OR ELSEWHERE AS A RESULT OF THE CONTRACTOR'S OPERATIONS, SUCH MATERIAL OR DEBRIS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF DURING PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
4. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED AS REQUIRED BY CENTRAL BROWARD WATER CONTROL DISTRICT.

B. PROJECT RECORD DOCUMENTS:

1. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF ALL WORK ITEMS COMPLETED.
2. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUBGRADE SHALL BE PROVIDED TO AND AND APPROVED BY THE ENGINEER AND THE CITY OF DANIA BEACH PRIOR TO THE PLACING THE LIMEROCK BASE MATERIAL.
3. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR LIMEROCK SHALL BE PROVIDED TO AND APPROVED BY THE ENGINEER AND THE CITY OF DANIA BEACH PRIOR TO PLACING ASPHALT.
4. PRIOR TO PLACEMENT OF ANY ASPHALT OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER "AS–BUILT" PLANS SHOWING LIMEROCK BASE GRADES AND ALL DRAINAGE, WATER, AND SEWER IMPROVEMENTS. PAVING OPERATIONS SHALL NOT COMMENCE UNTIL THE ENGINEER AND THE CITY OF DANIA BEACH HAVE REVIEWED AND APPROVED THE "AS–BUILTS".
5. ALL "AS–BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER THAT THE INFORMATION PROVIDED IS A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
6. "AS–BUILT" INFORMATION ON THE WATER SYSTEM SHALL INCLUDE, BUT IS NOT LIMITED TO LOCATIONS OF ALL VALVES, FITTINGS, FIRE HYDRANTS AND WATER SERVICES AND TOP–OF–PIPE ELEVATION ON 100–FOOT INTERVALS AT A MINIMUM.
7. ALL "AS–BUILT" INFORMATION ON ELEVATIONS, STATIONING OFFSETS AND TIES OF THE WATER, SANITARY SEWER, PAVING AND DRAINAGE SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR.
8. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD ONE COMPLETE SET OF "AS–BUILT" CONSTRUCTION DRAWINGS. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS–BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED BY THE CONTRACTOR.
9. PRIOR TO A FINAL INSPECTION BY THE CITY OF DANIA BEACH, THE ENGINEER SHALL SUBMIT TWO (2) SETS OF BLUEPRINTS OF "AS–BUILT" CONSTRUCTION DRAWINGS.
10. THE FOLLOWING SUBMITTALS TO THE CITY OF DANIA BEACH ARE REQUIRED AFTER THE PROJECT IS COMPLETED AND APPROVED BY THE CITY ENGINEER:
    a. TWO (2) COMPLETE "AS–BUILT" SETS OF BLUEPRINTS SIGNED AND SEALED BY A REGISTERED LAND SURVEYOR AND THE ENGINEER.
    b. ONE (1) COMPLETE "AS–BUILT" SET OF MYLAR.
    c. ONE (1) "AS–BUILT" CD IN AUTOCAD.

VII. WATER DISTRIBUTION AND/OR SEWAGE FORCE MAIN SYSTEM

A. GENERAL:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF DANIA BEACH P&D DEPARTMENT AND THE ENGINEER OF RECORD NO LATER THAN 24 HOUR PRIOR TO MAKING CONNECTIONS TO EXISTING SYSTEMS. A CITY OF DANIA BEACH P&D DEPARTMENT REPRESENTATIVE AND THE ENGINEER OF RECORD MUST BE PRESENT.
2. SEPARATION OF WATER AND SEWER MAINS:
   a. PARALLEL WATER AND SEWER MAINS SHALL HAVE A MINIMUM 10 FEET HORIZONTAL SEPARATION. WHERE THIS IS NOT POSSIBLE, THE SEWER MAIN SHALL BE IN A SEPARATE TRENCH AND BE AT LEAST 18 INCHES BELOW THE WATER MAIN OR BOTH MAINS SHALL BE DUCTILE IRON WITH A MINIMUM 12' CLEARANCE, PER PRESSURE PIPE SPECIFICATIONS.
   b. THE SEWER MAIN SHALL CROSS BELOW ALL WATER MAINS WITH A MINIMUM OF 18 INCHES VERTICAL CLEARANCE. WHERE THE CLEARANCE IS LESS THAN 18 INCHES, THE SEWER MAIN AND THE WATER MAIN SHALL BE DUCTILE IRON PIPE, WITH A MINIMUM 12" CLEARANCE, FOR 20 FEET CENTERED ON THE POINT OF CROSSING. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING SHALL BE MECHANICALLY RESTRAINED.
   c. IF A SEWER MAIN MUST CROSS ABOVE A WATER MAIN, REGARDLESS OF VERTICAL CLEARANCE, THE PRECAUTION IN ITEM (b.) ABOVE SHALL BE TAKEN.
3. NO CONNECTIONS TO THE EXISTING LINES SHALL BE MADE UNTIL PRESSURE TESTS FOR THE WATER MAINS AND SEWER FORCE MAINS, AND BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE CITY OF DANIA BEACH AND THE BROWARD COUNTY HEALTH DEPARTMENT.
4. CLEANING OF NEWLY INSTALLED PIPING SYSTEMS SHALL BE ACCOMPLISHED USING PIPE PIGGING METHODS. OPEN FLUSHING SHALL NOT BE ALLOWED WITHOUT PRIOR APPROVAL OF THE UTILITIES DEPARTMENT. ALL WATER WILL BE ACCOUNTED FOR.
5. ALL EFFORTS SHALL BE MADE SO THAT WATER AND FORCE MAINS CROSS ABOVE DRAINAGE LINES WITH ADEQUATE COVER AND SEPARATION. IF THIS IS NOT POSSIBLE, IT SHALL BE INDICATED ON THE PLANS.
6. A THREE (3) FOOT LATERAL SEPARATION SHALL BE MAINTAINED BETWEEN WATER/SEWER LINES AND OBSTRUCTIONS (I.E., CATCH BASINS, CONCRETE POLES, ETC.), FIVE (5) FEET FROM TREES.
7. THE MAXIMUM DEPTH TO THE BOTTOM OF THE PRESSURE MAIN INSTALLED SHALL NOT EXCEED SIX (6) FEET UNLESS APPROVED BY THE CITY OF DANIA BEACH UTILITIES DEPARTMENT.
8. ALL WATER DISTRIBUTION AND SEWER COLLECTION RELATED WORK AND INSPECTIONS WILL BE INSPECTED AND APPROVED BY THE CITY OF DANIA BEACH UTILITIES DEPARTMENT.
9. WATER MAIN INSTALLATION SHALL MEET THE COLOR CODING REQUIREMENTS OF 62–555.320 (FAC).

B. MATERIAL:

1. PIPE:

   THE WATER MAIN AND/OR SEWAGE FORCE MAIN SHALL BE EITHER POLYVINYL CHLORIDE (PVC) OR DUCTILE IRON PIPE (DIP) AND SHALL BE DESIGNED FOR A MINIMUM WORKING PRESSURE OF 150 PSI.

   a. PVC PIPE SHALL BE ASTM 1120 PRESSURE PIPE WITH IRON O.D., CLASS 150 (DR 18), CONFORMING TO ANSI/AWWA C900–97 OR C905–97 AND SHALL HAVE PUSH RUBBER GASKET JOINTS.
   b. DIP SHALL BE CLASS 350 WALL THICKNESS (UP TO 12"), CLASS 300 (14"–18"), CLASS 250 (20" OR GREATER) WITH INTERIOR CEMENT LINING AND EXTERIOR COAL TAR COATING CONFORMING TO ANSI/AWWA C151/A21.51–02, OR LATEST REVISION. SEWAGE PIPE SHALL BE EITHER DOUBLE CEMENT CONFORMING TO ANSI/AWWA C104/A21.4–03 OR LATEST REVISION, OR EPOXY LINED CONFORMING TO ANSI/AWWA C105/A21.5–05 OR LATEST REVISION, OR APPROVED EQUAL. THE PIPE SHALL WITHSTAND A WORKING PRESSURE OF 350 PSI. THE JOINTS SHALL BE BELL AND SPIGOT PUSH ON TYPE, MECHANICAL JOINT OR FLANGED. FLANGED PIPE SHALL CONFORM WITH THE PHYSICAL AND CHEMICAL REQUIREMENTS AS SET FORTH IN THE HANDBOOK OF DUCTILE IRON PIPE OF THE CAST IRON PIPE RESEARCH ASSOCIATION. ALL DIP FORCE MAIN SHALL BE EPOXY LINED.
2. FITTINGS:

   FITTINGS SHALL BE DUCTILE IRON COMPACT MECHANICAL JOINT AND SHALL BE CLASS 350 THROUGH 24" CONFORMING TO ANSI/AWWA C153/A21.53–00, OR LATEST REVISION, AND CLASS 250 IN SIZES 24" AND LARGER, CONFORMING TO ANSI/AWWA C110/A21.10–03, OR LATEST REVISION, COMPLETE WITH GLANDS, GASKETS, BOLTS AND NUTS. ALL FITTINGS SHALL BE CEMENT LINED AND SEAL COATED WITH THE SAME AS PIPE.
3. VALVES:
   a. VALVES SHALL BE GATE VALVES FOR WATER (4"–12" SIZE), BUTTERFLY VALVES FOR WATER (16" AND UP SIZE), OR PLUG VALVES FOR FORCE MAIN (ALL SIZES).
      i. GATE VALVES SHALL BE IRON BODY, FULLY RESILIENT SEAT, BRONZE MOUNTED NON–RISING STEM, DOUBLE DISC, RATED AT 200 PSI AND CONFORMING TO ANSI/AWWA C509–01 OR LATEST REVISION. EXPOSED VALVES SHALL BE OUTSIDE.
      ii. BUTTERFLY VALVES AND OPERATORS SHALL CONFORM TO ANSI/AWWA C504–00 STANDARD FOR RUBBER SEATED BUTTERFLY VALVES, OR LATEST REVISIONS. VALVES SHALL BE CLASS 150 A OR B.
      iii. PLUG VALVES SHALL BE SEMI–STEEL BODY, NON–LUBRICATED, ECCENTRIC TYPE, WITH RESILIENT FACED PLUGS, AND CAPABLE OF DRIP–TIGHT SHUT OFF AT THE RATED PRESSURE IF APPLIED AT EITHER PORT. VALVES ARE TO BE EQUIPPED WITH ACTUATING NUTS, CAST IRON HANDWHEELS OR CHAIN OPERATORS, WITH GALVANIZED STEEL CHAINS, AS APPROPRIATE FOR THE INSTALLATION AND TYPE OF OPERATOR.
   b. AIR RELEASE VALVES
      i. SEWER FORCE MAIN AIR RELEASE VALVES – SYSTEM SHALL BE A COMBINATION OF ONE SEWAGE AIR RELEASE VALVE AND ONE SEWAGE AIR/VACUUM VALVE WITH DUAL ISOLATION PLUG VALVES. BOTH VALVE BODIES AND COVERS SHALL BE OF CAST IRON CONSTRUCTION, ASTM A126–B. ALL INTERNAL PARTS SHALL BE STAINLESS STEEL, ASTM A–240 TYPE 304 AND ASTM A276 TYPE 303. THE VENTING ORIFICE SHALL BE 5/16" IN DIAMETER WITH STAINLESS STEEL SEAT. THE INLET OPENINGS SHALL BE A MINIMUM OF 2" NPT SCREWED CONNECTION FOR BOTH VALVES. THE VALVES SHALL FULLY CAPABLE OF OPERATION IN SEWAGE FORCE MAIN. BOTH VALVES SHALL INCLUDE A BACK–FLUSHING FEATURE FOR PERIODIC CLEANING OF THE INTERNAL MECHANISM. THE OVERALL HEIGHT SHALL NOT EXCEED 22–1/2 INCHES.
      ii. WATER MAIN AIR RELEASE VALVES – VALVE BODY AND COVER SHALL BE OF CAST IRON CONSTRUCTION, ASTM A126–B, ALL INTERNAL WORKING PARTS SHALL BE OF STAINLESS STEEL ASTM A240, TYPE 303 FOR THE FLOAT AND ASTM A296 TYPE 316 FOR THE LINKAGE. THE VENTING ORIFICE SHALL BE 3/16' IN DIAMETER WITH BRASS SEAT. THE INLET OPENING SHALL BE A 2" NPT SCREWED CONNECTION. THE OVERALL HEIGHT SHALL NOT EXCEED 13 INCHES.
   c. A REFLECTIVE PAVEMENT MARKER SHALL BE INSTALLED IN THE CENTER OF THE NEAREST LANE OF ROAD PAVEMENT ADJACENT TO ALL VALVE LOCATIONS OUTSIDE THE ROAD PAVEMENT. WATER MARKERS SHALL BE WHITE, SEWER MARKERS SHALL BE GREEN.
4. FIRE HYDRANTS:
   a. FIRE HYDRANTS SHALL HAVE A MINIMUM 5 1/4" VALVE OPENING AND SHALL OPEN AGAINST THE PRESSURE AND CLOSE WITH THE FLOW. HYDRANTS SHALL MEET OR EXCEED ANSI/AWWA C502–05, C503–05 OR LATEST REVISION, AND SHALL COMPLY WITH FACTORY MUTUAL RESEARCH CORPORATION AND UNDERWRITERS LABORATORIES UL246 STANDARD.
   b. ALL FIRE HYDRANTS ARE TO BE INSTALLED WITHIN SIX FEET (6') FROM THE OUTSIDE CURB LINE OR EDGE OF THE PAVEMENT.
   c. ALL STREAMER 4–1/2" CONNECTION SHALL FACE THE ROADWAY, AND NOT THE PARKING SPACES.
   d. ALL FIRE HYDRANTS SHALL BE ERECTED SO AS TO HAVE THE CENTER OF THE STEAMER CONNECTION A MINIMUM OF 18" ABOVE THE CROWN OF THE NEAREST ROADWAY, OR 18" ABOVE SURROUNDING GROUND.
   e. VISIBILITY AND ACCESS TO FIRE HYDRANTS: NO FIRE HYDRANT(S) SHALL BE SUBSTANTIALLY OBSCURED FROM THE ADJACENT ROADWAY OR ACCESS WAY BY PLANTINGS, WALLS, OR OTHER VISUAL SCREENING WITHIN SEVEN AND ONE–HALF FEET (7.5') OF THE REAR AND SIDES, AND NO OBSTRUCTIONS IN FRONT OF THE FIRE HYDRANT(S).
   f. ONE OR MORE BLUE DOUBLE REFLECTIVE D.O.T. TYPE ROAD MARKER ARE TO BE ADHERED TO THE HARD SURFACE ROADWAY IN THE MIDDLE OF THE LANE NEAREST TO AND DIRECTLY IN FRONT OF NEWLY INSTALLED FIRE HYDRANT. (TWO (2) REFLECTORS ON CORNER HYDRANT AND FOR EACH ROADWAY.)
   g. ALL FIRE HYDRANTS ARE TO BE PAINTED YELLOW. (RUSTOLEUM #944 SAFETY YELLOW OR APPROVED EQUAL.)
   h. ALL FIRE HYDRANTS THAT ARE NOT IN SERVICE (NOT ABLE TO FLOW WATER), SHALL BE COVERED WITH A PLASTIC BAG, AND THE BAG IS TO BE SECURED TO THE HYDRANT WITH TAPE.
   i. (LOCATION APPROVAL REQUIRED BY FIRE DEPARTMENT) SIAMESE FIRE DEPARTMENT CONNECTION SHALL BE FREE STANDING WITHIN TWENTY–FIVE FEET (25') OF NEAREST FIRE HYDRANT, WITHIN SIX FEET (6') FROM OUTSIDE CURB OR EDGE OF PAVEMENT. THERE SHALL BE A SPACE, FOUR FEET (4') ON BOTH SIDES OF THE CENTER LINE OF THE SIAMESE THAT MUST BE KEPT OPEN AT ALL TIMES, AND POSTED "NO PARKING, FIRE DEPARTMENT CONNECTION", THIRTY–SIX INCHES HIGH.
   j. HYDRANT PERMIT SHALL BE PULLED AT THE FIRE DEPARTMENT. $25.00 PERMIT FEE PLUS $25.00 PER HYDRANT.
   k. ALL FIRE HYDRANTS ARE TO BE FLOW TESTED BY THE FIRE DEPARTMENT UPON ACCEPTANCE OF SYSTEM BY THE UTILITIES DEPARTMENT. HYDRANTS SHALL BE COMPLETED AND ACCEPTED PRIOR TO THE START OF ANY STRUCTURAL CONSTRUCTION ON SITE.
5. DETECTOR TAPE:
   a. DETECTOR TAPE SHALL BE 3" WIDE BLUE TAPE FOR WATER MAIN AND BROWN TAPE FOR FORCE MAIN, WITH A METALLIZED FOIL CORE LAMINATED BETWEEN 2 LAYERS OF PLASTIC FILM. THE WORDS "CAUTION WATER LINE BURIED BELOW" OR "CAUTION FORCE MAIN BURIED BELOW" SHALL BE PRINTED AT 30" INTERVALS ALONG THE TAPE. TAPE SHALL BE PLACED 18" BELOW GRADE ABOVE ALL PVC MAINS AND SERVICES OR AS RECOMMENDED BY MANUFACTURER. NONMETALLIC TAPE SHALL BE USED ABOVE DUCTILE IRON PIPE.
   b. LOCATOR WIRE 14–STRAND COLOR CODED SHALL BE USED IN CONJUNCTION WITH LOCATOR TAPE AND SHALL BE AFFIXED TO PIPE.
6. SERVICE CONNECTIONS:
   a. SERVICE SADDLES SHALL BE DUCTILE IRON EPOXY OR NYLON COATED WITH DOUBLE STAINLESS STEEL STRAPS OR SINGLE WIDE STRAP. SADDLES SHALL CONFORM TO ANSI/AWWA C111/21.11–00 AND ASTM A–588 OR LATEST REVISION.
   b. SERVICE LINES SHALL BE POLYETHYLENE (PE) TUBING AS DESCRIBED IN ANSI/AWWA C901–02 OR LATEST REVISION, WITH A WORKING PRESSURE OF 200 PSI (DR 9). PIPE JOINTS SHALL BE OF THE COMPRESSION TYPE TOTALLY CONFINED GRIP SEAL AND COUPLING NUT. POLYETHYLENE SHALL BE EXTRUDED FROM PE 3408 HIGH MOLECULAR WEIGHT MATERIAL AND MUST CONFORM TO ASTM D–2737. WATER SERVICE 2" AND UNDER SHALL BE PE AND SLEEVED UNDER ROADWAY WITH 4" C–900.
   c. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE ASTM B–62 WITH THREADED ENDS.
   d. METER STOPS SHALL BE THE 90 DEGREE LOCKWING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B–62. METER STOPS SHALL BE CLOSED BUTTON DESIGN AND RESILIENT "O" RING SEALED AGAINST EXTERNAL LEAKAGE AT THE TOP. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES.
   e. METER AND METER BOXES 2" OR LESS ARE SUPPLIED BY THE CITY OF DANIA BEACH AT THE OWNER'S EXPENSE.
7. TAPPING SLEEVES:

   TAPPING SLEEVES SHALL BE DUCTILE IRON, ASTM GRADE 65–45–12.
8. VALVE BOXES:
   a. VALVE BOXES FOR WATER MAINS AND SEWER FORCE MAINS SHALL BE ADJUSTABLE SCREW TYPE WITH 5–1/4" SHAFT, 18 TO 24 INCH EXTENSION, CAST IRON ASTM–A48 CLASS 30 MARKED WATER OR SEWER.
   b. VALVE BOXES FOR BLOW–OFF ASSEMBLY SHALL BE CAST IRON ASTM A–48 CLASS 30 MARKED "W".
9. RETAINER GLANDS:

   RETAINER GLANDS SHALL CONFORM TO ANSI/AWWA C111/A21.11–00 OR LATEST REVISION. ALL GLANDS SHALL BE MANUFACTURED FROM DUCTILE IRON AS LISTED BY UNDERWRITERS LABORATORIES FOR 250 PSI MINIMUM WATER PRESSURE RATING.
10. DOUBLE CHECK VALVE BACKFLOW PREVENTION ASSEMBLY:

    THE ASSEMBLY SHALL CONFORM TO ANSI/AWWA C510–00, OR LATEST REVISION, AND CAPABLE OF WITHSTANDING A WORKING PRESSURE OF AT LEAST 150 PSI WITHOUT DAMAGE TO WORKING PARTS OR IMPAIRMENT OF FUNCTION. IT SHALL CONSIST OF TWO INTERNALLY LOADED, INDEPENDENTLY OPERATING CHECK VALVES, LOCATED BETWEEN TWO TIGHTLY CLOSING RESILIENT–SEATED SHUT OFF VALVES, WITH FOUR PROPERLY PLACED RESILIENT–SEATED TEST COCKS.
11. RESTRAINTS:

    RESTRAINTS SHALL BE MEGA–LUG.

C. INSTALLATION:

1. GENERAL:

   CONNECTION OF ALL NEW SYSTEMS TO EXISTING MAINS SHALL BE DONE USING ONE OF THE THREE FOLLOWING METHODS:

   a. METHOD "A" PER BROWARD COUNTY PUBLIC HEALTH UNIT STANDARDS, WHICH INVOLVES A REDUCED SIZE TEMPORARY CONNECTION BETWEEN THE EXISTING MAIN AND THE NEW MAIN.
   b. METHOD "B" PER BROWARD COUNTY PUBLIC HEALTH UNIT STANDARDS, WHICH INVOLVES A DIRECT CONNECTION BETWEEN THE NEW AND EXISTING MAINS USING TWO GATE VALVES SEPARATED BY A SLEEVE WITH A VENT PIPE.
   c. METHOD "C" APPROVED BY THE BROWARD COUNTY PUBLIC HEALTH UNIT, WHICH INVOLVES A TAP WITH ONE GATE VALVE REQUIRING DISINFECTION OF THE NEW SYSTEM PRIOR TO CONDUCTING THE PRESSURE TEST.
2. BEDDING:

   BEDDING AND INITIAL BACKFILL (12 INCHES ABOVE PIPE) FOR ALL PIPES SHALL BE SAND WITH NO ROCK LARGER THAN 1" IN DIAMETER. PEAROCK OR 3/4" WASHED ROCK WILL BE IN WATER OR WHERE UNSUITABLE BEDDING EXISTS AT THE DISCRETION OF THE CITY OF DANIA BEACH. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6" IN DIAMETER.
3. PVC PIPE:
   a. PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE UNI–BELL PLASTIC PIPE PLASTIC PIPE ASSOCIATION'S GUIDE FOR INSTALLATION OF PVC PRESSURE PIPE FOR MUNICIPAL WATER DISTRIBUTION SYSTEMS.
   b. PVC PIPE SHALL BE INSTALLED WITH A MINIMUM OF 36" COVER.
   c. DETECTOR TAPE SHALL BE INSTALLED THE FULL LENGTH OF ALL PVC MAINS APPROXIMATELY 18" BELOW GRADE, COLOR SIDE UP.
4. DUCTILE IRON PIPE:
   a. DIP SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600–05 OR LATEST REVISION.
   b. DIP SHALL BE INSTALLED WITH A MINIMUM OF 30" COVER.
   c. IDENTIFICATION TAPE SHALL BE INSTALLED THE FULL LENGTH OF ALL DIP MAINS APPROXIMATELY 18" ABOVE THE MAIN, COLOR SIDE UP.
5. VALVES:
   a. ALL VALVES SHALL BE INSTALLED WITH ADJUSTABLE CAST IRON VALVE BOXES WITH THE WORD "WATER" OR "SEWER" CAST IN THE COVER.
   b. MAIN VALVES SHALL BE LOCATED ON AN EXTENSION OF THE RIGHT–OF–WAY LINE UNLESS DIMENSIONED OTHERWISE.
   c. MAIN VALVES SHALL BE INSTALLED AWAY FROM PARKING AREAS. IF THIS IS UNAVOIDABLE, PROPER MEASURES SHALL BE TAKEN TO AVOID THE PARKING OF VEHICLES OVER THE VALVES. HYDRANT VALVES SHALL BE INSTALLED AS CLOSE TO THE MAIN AS POSSIBLE. VALVES LOCATED IN NON–PAVED AREAS OR IN PARKING STALLS REQUIRE A REFLECTIVE PAVEMENT MARKER ON THE CENTER OF THE NEAREST LANE OF ROAD PAVEMENT. WHITE REFLECTORS FOR WATER MAIN VALVES, GREEN REFLECTORS FOR FORCE MAIN VALVES.
   d. THE DISTANCE FROM THE TOP OF THE VALVE ACTUATOR NUT TO FINAL GRADE SHALL BE A MINIMUM OF 12 INCHES AND A MAXIMUM OF 18 INCHES.
6. SERVICE:
   a. COVER OVER SERVICE LINES SHALL BE 18 INCHES MINIMUM, 24 INCHES MAXIMUM BELOW FINISHED GRADE AND 24 INCHES UNDER PAVEMENT.
   b. POLYETHYLENE SHALL BE BEDDED IN BACKFILL OF SAND WITH NO ROCK GREATER THAN 1 INCH IN DIAMETER.
   c. METER STOPS SHALL HAVE 8 INCHES TO 10 INCHES COVER OR AS REQUIRED FOR PROPER METER/BOX INSTALLATION.
   d. WATER SERVICES UNDER PAVEMENT SHALL BE ENCASED IN A SCHEDULE 80 PVC SLEEVE FOR THE FULL LENGTH OF THE PAVEMENT AND FOR 2 FEET BEYOND THE EDGE.
   e. THE END OF EACH SERVICE CONNECTION SHALL BE MARKED WITH A 2" x 4" TREATED STAKE, PAINTED BLUE, EXTENDING 18 INCHES (MINIMUM) ABOVE GRADE UNLESS INDICATED OTHERWISE.

D. TESTING:

1. THE PHYSICAL CONNECTION OF THE NEW SYSTEM TO THE EXISTING SYSTEM SHALL BE DONE IN ACCORDANCE WITH SECTION "C.–1". (THIS DOCUMENT) WHICH WILL DICTATE THE ORDER OF THE PRESSURE TESTING AND DISINFECTION.
2. THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED AND DISINFECTED. THE PRESSURE TEST SHALL BE FOR TWO HOURS AT 150 PSI MINIMUM TEST PRESSURE IN ACCORDANCE WITH ANSI/AWWA C600–05 OR LATEST REVISION. THE PRESSURE TEST SHALL NOT VARY MORE THAN 5 PSI DURING THE TEST. LEAKAGE ALLOWANCES WILL NOT BE MADE FOR FITTINGS OR VALVES.
3. ALLOWABLE LEAKAGE SHALL NOT EXCEED THE FORMULA OF:

$$L \text{ (GALLONS PER HOUR)} = \frac{S\ D\ (P)^{0.5}}{148{,}000}$$

L = ALLOWABLE LEAKAGE IN GALS/HR (NO ALLOWABLE LEAKAGE FOR VALVES)
S = LENGTH OF PIPE TESTED IN FEET
D = NOMINAL DIAMETER OF PIPE
P = AVERAGE TEST PRESSURE DURING TEST IN LBS/SQ. IN.

4. THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY OF DANIA BEACH UTILITIES DEPARTMENT AND THE ENGINEER OF RECORD.
5. SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE BROWARD COUNTY HEALTH DEPARTMENT. IF NOT SPECIFIED, SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 1500 FEET MAXIMUM FOR LINES GREATER THAN 1500 FEET IN LENGTH. PROVIDE A MINIMUM OF TWO SAMPLING POINTS FOR ALL OTHER TEST SEGMENTS.
6. BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH ANSI/AWWA C651–05 OR LATEST REVISION WITH APPROVED BACTERIOLOGICAL SAMPLES AND PROPER DOCUMENTATION BY BROWARD COUNTY HEALTH DEPARTMENT. COLLECTION OF SAMPLES IS THE CONTRACTOR'S RESPONSIBILITY AND WILL BE WITNESSED BY A CITY OF DANIA BEACH UTILITIES DEPARTMENT REPRESENTATIVE.

VIII. GRAVITY SEWAGE COLLECTION SYSTEM

A. MATERIALS:

1. SEWER PIPE AND FITTINGS:
   a. PVC SEWER PIPE AND FITTINGS SHALL BE NON–PRESSURE POLYVINYL CHLORIDE PIPE CONFORMING TO ASTM D–3034, SDR 35, WITH PUSH–ON RUBBER GASKET JOINTS UNLESS OTHERWISE NOTED.
   b. DUCTILE IRON PIPE (DIP) SHALL BE DOUBLE CEMENT CONFORMING TO ANSI/AWWA C104/A21.4–95, OR LATEST REVISION, OR EPOXY LINED INSIDE CONFORMING TO ANSI/AWWA C105/A21.5–93, OR APPROVED EQUAL AND SHALL HAVE A COAL TAR EPOXY COATING, MANUFACTURED IN ACCORDANCE TO ANSI/AWWA C151/A21.51–96, OR LATEST REVISION, MINIMUM WALL THICKNESS CLASS 350 (UNLESS OTHERWISE SPECIFIED).
   c. ALL FITTINGS AND ACCESSORIES SHALL BE AS MANUFACTURED OR SUPPLIED BY THE PIPE MANUFACTURER.
2. MANHOLES:
   a. MANHOLES SHALL BE PRECAST PER ASTM C–478 TYPE II WITH 4000 PSI CONCRETE AND GRADE 40 STEEL. MONOLITHICALLY POURED BASES ONLY.
   b. MANHOLE OPENINGS ARE TO BE SEALED WITH ANTI–HYDRO CEMENT OR APPROVED EQUAL. NO MOLDING PLASTER WILL BE ALLOWED.
   c. MANHOLE JOINTS SHALL BE SEALED WITH "RAMNEK" GASKETS OR APPROVED EQUAL AND WITH ANTI–HYDRO CEMENT ON THE INSIDE AND OUTSIDE.

B. INSTALLATION

1. PIPE AND FITTINGS:
   a. SEWER PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ASTM D–2321, AND THE UNI–BELL PLASTIC PIPE ASSOCIATION'S "RECOMMENDED PRACTICE FOR THE INSTALLATION OF PVC SEWER PIPE".
   b. DIP SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600–99, OR LATEST REVISION.
   c. BEDDING AND INITIAL BACKFILL 12 INCHES OVER SEWER MAINS AND SERVICES SHALL BE SAND WITH NO ROCK LARGER THAN 1 INCH IN DIAMETER. PEAROCK OR 3/4" WASHED ROCK WILL BE USED IN WATER OR WHERE UNSUITABLE BEDDING EXISTS AT THE DISCRETION OF THE CITY OF DANIA BEACH. ALL OTHER FILL SHALL NOT HAVE ROCK LARGER THAN 6 INCH IN DIAMETER.
   d. PIPE CONNECTION INTO MANHOLE WALL SHALL BE DUCTILE IRON PIPE, GROUTED IN PLACE, OR CAST–IN NEOPRENE RUBBER BOOT, OR EQUAL AS APPROVED BY THE CITY OF DANIA BEACH.
   e. GRAVITY SEWER MAINS INSTALLED DEEPER THAN TWELVE (12) FEET SHALL BE D.I.P. AND SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600–99 OR LATEST REVISION.
2. MANHOLES:
   a. MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM CLEAN SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.
   b. ALL OPENINGS AND JOINTS SHALL BE SEALED WATER–TIGHT.
   c. THE ENTIRE INSIDE OF THE MANHOLES SHALL BE PAINTED WITH TWO COATS (8 MILS EACH, DRY) OF KOPPER'S 300–M BITUMASTIC COATING, OR APPROVED EQUAL. FIRST COAT RED, SECOND COAT BLACK. THE OUTSIDE OF EACH MANHOLE REQUIRES ONLY ONE COAT (8 MILS, DRY) OF THE SAME TYPE OF COATING.
   d. MANHOLES SHALL BE INSTALLED AWAY FROM PARKING AREAS ON THE CENTERLINE OF THE ROADWAY. IF THIS IS UNAVOIDABLE, PROPER MEASURES SHALL BE TAKEN TO PROHIBIT THE PARKING OF VEHICLES OVER MANHOLES.
   e. ORANGE REFLECTIVE PAVEMENT MARKERS SHALL BE PROVIDED ON THE CENTER OF THE NEAREST LANE OF ROAD PAVEMENT ADJACENT TO ALL MANHOLE LOCATIONS OUTSIDE THE ROAD PAVEMENT.
   f. ALL LIDS SHALL BE PROVIDED WITH A POLYETHYLENE WATER TIGHT MANHOLE INSERT.
3. SERVICE:
   a. MINIMUM SLOPE OF ALL SERVICE LINES SHALL BE AS INDICATED IN THE "FLORIDA BUILDING CODE".
   b. SERVICE LATERALS SHALL TERMINATE AT A DEPTH 30" BELOW FINISHED GRADE.
   c. EACH SERVICE CONNECTION SHALL BE PLUGGED WATERTIGHT WITH AN APPROVED PLUG.
   d. THE END OF EACH SERVICE CONNECTION SHALL BE MARKED WITH A 2" x 4" TREATED STAKE PAINTED RED, EXTENDING 18 INCHES (MINIMUM) ABOVE GRADE.
   e. CONTRACTOR SHALL ROUGH IN RISER TO 1 FOOT ABOVE FINISHED GRADE AND PLUG. AT PROJECT COMPLETION, CUT BACK TO FINISHED GRADE.
   f. CONNECTION OF SERVICES TO BUILDING'S PLUMBING SHALL BE COORDINATED WITH THE CITY'S BUILDING AND ZONING DEPARTMENT, PLUMBING SECTION.
   g. ALL CLEANOUTS IN ROADWAY MUST BE INSTALLED IN BOXES MARKED SEWER.

C. TESTING:

1. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENTIRE SYSTEM SHALL BE LAMPED. SEWER LAMPING SHALL BE WITNESSED BY THE ENGINEER OF RECORD AND A REPRESENTATIVE FROM THE CITY OF DANIA BEACH UTILITIES DEPARTMENT.
2. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE CITY OF DANIA BEACH OR THE ENGINEER OF RECORD MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.
3. AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE CITY OF DANIA BEACH.
4. MANHOLE EXFILTRATION LEAKAGE SHALL NOT EXCEED 4 GALLONS PER DAY PER UNIT.
5. SEWER PIPE EXFILTRATION LEAKAGE SHALL NOT EXCEED 10 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED.
6. VISIBLE MANHOLE AND SEWER PIPE INFILTRATION LEAKAGE SHALL NOT BE PERMITTED.
7. SANITARY SEWER SHALL BE TELEVISED, AT DEVELOPER'S EXPENSE, PRIOR TO FINAL APPROVAL OF CONSTRUCTION. VIDEO TAPE AND REPORT SHALL BE EXAMINED BY THE CITY OF DANIA BEACH UTILITIES DEPARTMENT. OWNER/CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING OF ANY DEFICIENCIES PRIOR TO THE CITY'S CERTIFICATION OF COMPLETION TO ANY AGENCY.

ENGINEER'S SEAL NOT VALID WITHOUT ORIGINAL SIGNATURE

JAY CORLISS EVANS
LICENSE
No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

SHEET TITLE

GENERAL NOTES AND SPECIFICATIONS

REVISIONS

PILLAR CONSULTANTS, INC.
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AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: N.T.S.

DATE: 08/23/19

DRAWN BY: JRW

SHEET No.

C-8

15011A

IX. WET WELL MOUNTED WASTEWATER PUMPING STATION

A. GENERAL:

1. SCOPE OF WORK FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND INCIDENTALS REQUIRED AND INSTALL, PLACE IN OPERATION, AND FIELD TEST A TELEMETRY CONTROLLED WET WELL MOUNTED WASTEWATER PUMPING STATION AND A EMERGENCY GENERATOR OR BYPASS PUMP TO PROVIDE EMERGENCY SERVICE TO THE PUMP STATION. THE STATION SHALL BE COMPLETE WITH PUMPS, MOTORS, PIPING, VALVES, TELEMETRY, ELECTRICAL WORK (INCLUDING MOTOR CONTROLS), STRUCTURES OR CONNECTION AND APPURTENANCES, TESTED AND READY FOR SERVICE. THE GENERATOR OR PUMP SHALL BE TRAILER MOUNTED, DIESEL POWERED SIZED TO MAINTAIN THE PUMP STATION FLOW. REFER TO PLANS FOR OTHER SITE FEATURES.

2. DESCRIPTION OF SYSTEM:

a. THE CONTRACTOR SHALL FURNISH AND INSTALL ONE FACTORY BUILT, AUTOMATIC PUMPING STATION AS MANUFACTURED BY SMITH & LOVELESS, INC., LENEXA, KANSAS. THE STATION SHALL BE COMPLETE WITH ALL NEEDED EQUIPMENT, FACTORY-INSTALLED ON A WELDED STEEL BASE WITH FIBERGLASS COVER.

b. THE PRINCIPAL ITEMS OF EQUIPMENT SHALL INCLUDE TWO VERTICAL, CLOSE-COUPLED, MOTOR DRIVEN, VACUUM PRIMED, NON-CLOG SEWAGE PUMPS; VALVES; INTERNAL PIPING; CENTRAL CONTROL PANEL WITH CIRCUIT BREAKERS; MOTOR STARTERS AND AUTOMATIC PUMPING LEVEL CONTROLS; HEATER; VENTILATING BLOWER; PRIMING PUMPS AND APPURTENANCES; AND ALL INTERNAL WIRING.

c. REFER TO PLANS FOR A COMPLETE LIST OF OPERATING CONDITIONS.

d. THE PUMPING STATION SHALL PUMP RAW, UNSCREENED, DOMESTIC WASTEWATER INTO A FORCE MAIN, WHICH IS PUMPED TO A LOCAL MANHOLE OR TRANSMISSION SYSTEM.

e. THE REMOTE TELEMETRY UNIT SHALL INCLUDE AN ENCLOSURE WITH POWER SUPPLY, CENTRAL PROCESSING UNIT, ANALOG AND DIGITAL OUTPUTS, RADIO, DIRECTIONAL ANTENNA AND APPURTENANCES AND ALL WIRING.

f. THE CONTRACTOR SHALL FURNISH, AT THE CITY OF DANIA BEACH'S DISCRETION, EITHER AN EMERGENCY GENERATOR OR EMERGENCY BYPASS PUMP. THE GENERATOR SHALL BE SIZED TO MEET THE STARTING AMPERAGE OF BOTH PUMPS SIMULTANEOUSLY. THE BYPASS PUMP SHALL BE A MINIMUM SIX (6) INCH SELF-PRIMING PUMP. EITHER SHALL BE DIESEL POWERED, TRAILER MOUNTED WITH NECESSARY TOWING EQUIPMENT INCLUDING, LIGHTS AND HITCH. THE GENERATOR SHALL BE SUPPLIED WITH NECESSARY PLUG AND CABLE FOR SUPPLYING POWER TO THE PUMP STATION CONTROL PANEL. THE BYPASS PUMP SHALL BE SUPPLIED WITH THE NECESSARY HOSES AND CONNECTIONS TO PROVIDE BYPASSING OF THE PUMP STATION.

3. QUALIFICATIONS:

TO ASSURE UNITY OF RESPONSIBILITY, THE MOTORS AND CONTROL SYSTEM SHALL BE FURNISHED AND COORDINATED BY THE LOCAL PUMP MANUFACTURER REPRESENTATIVE. THE CONTRACTOR AND PUMP MANUFACTURER SHALL ASSUME RESPONSIBILITY FOR THE SATISFACTORY INSTALLATION AND OPERATION OF THE ENTIRE PUMPING SYSTEM INCLUDING PUMPS, MOTORS, CONTROLS, GENERATOR OR BYPASS AS SPECIFIED.

4. SUBMITTALS:

a. COPIES OF ALL MATERIALS REQUIRED ESTABLISHING COMPLIANCE WITH SPECIFICATIONS SHOULD BE SUBMITTED IN ACCORDANCE WITH PROVISIONS FOR THE GENERAL CONDITIONS. SUBMITTALS SHALL INCLUDE AT LEAST THE FOLLOWING:

i. SHOP ERECTION DRAWINGS SHOWING ALL-IMPORTANT DETAILS OF CONSTRUCTIONS, DIMENSIONS AND ANCHOR BOLT LOCATIONS.

ii. DESCRIPTIVE LITERATURE, BULLETINS AND CATALOGS OF THE EQUIPMENT.

iii. DATA ON THE CHARACTERISTICS AND PERFORMANCE OF EACH STATION PUMP, GENERATOR DATA SHALL INCLUDE A CERTIFIED PERFORMANCE TEST, BASED ON ACTUAL SHOP TESTS OF THE SALE UNITS, WHICH SHOW THAT THEY MEET THE SPECIFIED REQUIREMENTS FOR HEAD, CAPACITY, EFFICIENCY, AND HORSEPOWER. CURVES SHALL BE SUBMITTED ON 8 1/2 INCH BY 11 INCH SHEETS AT AS LARGE A SCALE AS PRACTICAL. CURVES SHALL BE PLOTTED FROM NO FLOW AT SHUT OFF HEAD TO PUMP CAPACITY AT MINIMUM SPECIFIED TOTAL DYNAMIC HEAD. CATALOG SHEETS SHOWING A FAMILY OF CURVES WILL NOT BE ACCEPTABLE.

iv. COMPLETE MASTER WIRING DIAGRAMS, TELEMETRY OR CONTROL SCHEMATICS, INCLUDING COORDINATION WITH OTHER ELECTRICAL DEVICES OPERATING IN CONJUNCTION WITH THE PUMP CONTROL SYSTEM AND SUITABLE OUTLINE DRAWINGS SHALL BE FURNISHED FOR APPROVAL BEFORE PROCEEDING WITH MANUFACTURER, STANDARD PRE-PRINTED SHEETS OR DRAWINGS SIMPLY MARKED TO INDICATE APPLICABILITY TO THIS CONTRACT WILL NOT BE ACCEPTABLE.

v. A DRAWING SHOWING THE LAYOUT OF THE PUMP CONTROL PANEL SHALL BE FURNISHED, THE LAYOUT SHALL INDICATE EVERY DEVICE MOUNTED ON THE DOOR WITH COMPLETE IDENTIFICATION.

vi. THE TOTAL WEIGHT OF THE EQUIPMENT INCLUDING THE WEIGHT OF THE SINGLE LARGEST ITEM.

vii. A COMPLETE TOTAL BILL OF MATERIALS OF ALL EQUIPMENT.

viii. A LIST OF THE MANUFACTURER'S RECOMMENDED SPARE PARTS TO BE SUPPLIED IN ADDITION TO THOSE SPECIFIED IN PARAGRAPH 6.A. WITH THE MANUFACTURER'S CURRENT PRICE FOR EACH ITEM. INCLUDE GASKETS, SEALS, ETC. ON THE LIST. LIST BEARING BY THE BEARING MANUFACTURER'S NUMBERS ONLY.

ix. ALL SUBMITTAL DATES REQUIRED BY THE GENERAL CONDITIONS.

x. COMPLETE MOTOR DATA.

b. IN THE EVENT THAT IT IS IMPOSSIBLE TO CONFORM TO CERTAIN DETAILS OF THE SPECIFICATIONS DUE TO DIFFERENT MANUFACTURING TECHNIQUES, DESCRIBE COMPLETELY ALL NON-CONFORMING ASPECTS.

c. UPON RECEIPT OF APPROVAL OF SUBMITTED MATERIAL, PROVIDE FIVE PRINTS.

5. OPERATING INSTRUCTIONS:

a. OPERATING AND MAINTENANCE MANUALS SHALL BE FURNISHED WHICH WILL INCLUDE PARTS LISTS OF COMPONENTS AND COMPLETE SERVICE PROCEDURES AND TROUBLE-SHOOTING GUIDE. THE MANUALS SHALL BE PREPARED SPECIFICALLY FOR THE INSTALLATION AND SHALL INCLUDE ALL REQUIRED CUTS, DRAWINGS, EQUIPMENT LISTS, DESCRIPTION, ETC. THAT ARE REQUIRED TO INSTRUCT OPERATING AND MAINTENANCE PERSONNEL UNFAMILIAR WITH SUCH EQUIPMENT.

b. A FACTORY TRAINED REPRESENTATIVE OF ALL MAJOR COMPONENT MANUFACTURERS, WHO HAS COMPLETE KNOWLEDGE OF PROPER OPERATION AND MAINTENANCE, SHALL BE PROVIDED FOR ONE (1) DAY AT THE STATION, TO INSTRUCT REPRESENTATIVES OF THE CITY AND THE ENGINEER ON PROPER OPERATION AND MAINTENANCE AND TO PERFORM INITIAL START-UP OF THE PUMP STATION. WITH PERMISSION OF THE CITY, THIS WORK MAY BE CONDUCTED IN CONJUNCTION WITH THE INSPECTION OF THE INSTALLATION AND TEST RUN. IF THERE ARE DIFFICULTIES IN OPERATION OF THE EQUIPMENT DUE TO THE MANUFACTURER'S DESIGN OR FABRICATION, ADDITIONAL SERVICE SHALL BE PROVIDED AT NO COST TO THE OWNER.

6. SPARE PARTS:

a. A COMPLETE REPLACEMENT PUMP SHAFT SEAL ASSEMBLY SHALL BE FURNISHED WITH EACH PUMP STATION. THE SPARE SEAL SHALL BE PACKED IN A SUITABLE CONTAINER AND SHALL INCLUDE COMPLETE INSTALLATION INSTRUCTIONS. IN ADDITION, A SPARE SEAL GASKET SHALL BE PROVIDED.

b. SPARE PARTS SHALL BE PROPERLY BOUND AND LABELED FOR EACH IDENTIFICATION WITHOUT OPENING THE PACKAGING AND SUITABLY PROTECTED FOR LONG TERM STORAGE.

7. GUARANTEE:

a. THE MANUFACTURER OF THE LIFT STATION SHALL GUARANTEE THE STRUCTURE AND ALL EQUIPMENT TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP FOR A PERIOD OF UP TO ONE YEAR FROM DATE OF START-UP, NOT TO EXCEED 18 MONTHS FROM THE DATE OF SHIPMENT.

b. WARRANTIES AND GUARANTEES BY THE SUPPLIERS OF VARIOUS COMPONENTS IN LIEU OF SINGLE-SOURCE RESPONSIBILITY BY THE STATION MANUFACTURER WILL NOT BE ACCEPTED. THE STATION MANUFACTURER SHALL BE SOLELY RESPONSIBLE FOR THE GUARANTEE OF THE STATION AND ALL ITS COMPONENTS.

c. THE REPAIR OR REPLACEMENT OF THOSE ITEMS NORMALLY CONSUMED IN SERVICE, SUCH AS SEALS, GREASE, LIGHT BULBS, ETC., SHALL BE CONSIDERED AS PART OF ROUTINE MAINTENANCE AND UPKEEP.

B. EXECUTION:

1. INSTALLATION:

a. INSTALLATION SHALL BE STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS IN THE LOCATIONS SHOWN ON THE DRAWINGS. INSTALLATION SHALL INCLUDE FURNISHING THE REQUIRED OIL AND GREASE FOR THE INITIAL OPERATION. THE GRADES OF OIL AND GREASE SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

b. THE CONTRACTOR SHALL SUBMIT A CERTIFICATE FROM THE EQUIPMENT MANUFACTURER STATING THAT THE INSTALLATIONS OF THE EQUIPMENT IS SATISFACTORY, THAT THE EQUIPMENT IS READY FOR OPERATION, AND THAT THE OPERATION PERSONNEL HAVE BEEN SUITABLY INSTRUCTED IN THE OPERATION, LUBRICATION AND CARE OF EACH UNIT.

c. INSTALLATION OF THE PUMP CHAMBER SHALL BE DONE IN ACCORDANCE WITH THE WRITTEN INSTRUCTIONS PROVIDED BY THE MANUFACTURER.

2. SHOP PAINTING:

a. BEFORE EXPOSURE TO WEATHER AND PRIOR TO SHOP PAINTING, ALL SURFACES SHALL BE THOROUGHLY CLEANED, DRY AND FREE FROM ALL MILL-SCALE, RUST, GREASE, DIRT AND OTHER FOREIGN MATTER.

b. ALL PUMPS AND MOTORS SHALL BE SHOP COATED, WITH MANUFACTURER'S STANDARD COATING.

c. ALL NAMEPLATES SHALL BE PROPERLY PROTECTED DURING PAINTING.

d. GEARS, BEARING SURFACES AND OTHER SIMILAR SURFACES OBVIOUSLY NOT TO BE PAINTED SHALL BE GIVEN A HEAVY SHOP COAT OF GREASE OR OTHER SUITABLE RUST-RESISTANT COATING. THIS COATING SHALL BE MAINTAINED AS NECESSARY TO PREVENT CORROSION DURING PERIODS OF STORAGE AND ERECTION AND SHALL BE SATISFACTORY TO THE ENGINEER UP TO THE TIME OF THE FINAL ACCEPTANCE TEST.

3. INSPECTION AND TESTING:

a. GENERAL:

i. THE ENGINEER SHALL HAVE THE RIGHT TO INSPECT, TEST OR WITNESS TEST OF ALL MATERIALS OR EQUIPMENT TO BE FURNISHED UNDER THESE SPECIFICATIONS, PRIOR TO THEIR SHIPMENT FROM THE POINT OF MANUFACTURE.

ii. THE ENGINEER SHALL BE NOTIFIED IN WRITING PRIOR TO INITIAL SHIPMENT IN AMPLE TIME SO THAT ARRANGEMENTS CAN BE MADE FOR INSPECTION BY THE ENGINEER.

iii. THE ENGINEER OR HIS REPRESENTATIVE SHALL BE FURNISHED ALL FACILITIES, INCLUDING LABOR, AND SHALL BE ALLOWED PROPER TIME INSPECTION AND TESTING OF MATERIAL AND EQUIPMENT.

iv. MATERIALS AND EQUIPMENT SHALL BE TESTED OR INSPECTED AS REQUIRED BY THE ENGINEER AND THE COST OF SUCH WORK SHALL BE INCLUDED IN THE COST OF THE EQUIPMENT. THE CONTRACTOR SHALL ANTICIPATE THAT DELAYS MAY BE CAUSED BECAUSE OF THE NECESSITY OF INSPECTION, TESTING AND ACCEPTING MATERIALS AND EQUIPMENT BEFORE THEIR USE IS APPROVED.

v. THE SERVICE OF A FACTORY REPRESENTATIVE SHALL BE FURNISHED FOR ONE (1) DAY, FOR THE STATION, AND SHALL HAVE COMPLETE KNOWLEDGE OF PROPER OPERATION AND MAINTENANCE TO INSPECT THE FINAL INSTALLATION AND SUPERVISE THE TEST RUN OF THE EQUIPMENT.

vi. FIELD TESTS SHALL NOT BE CONDUCTED UNTIL SUCH TIME THAT THE ENTIRE INSTALLATION IS COMPLETE AND READY FOR TESTING, INCLUDING PERMANENT ELECTRICAL POWER AND TELEMETRY CONTROL.

vii. ALL COMPONENTS OF THE PUMP STATION SHALL BE GIVEN AN OPERATIONAL TEST AT THE PUMP STATION MANUFACTURER'S FACILITY TO CHECK FOR EXCESSIVE VIBRATION, FOR LEAKS IN THE PUMPING OR SEALS AND CORRECT OPERATION OF THE AUTOMATIC CONTROL AND VACUUM PRIMING SYSTEMS AND ALL AUXILIARY EQUIPMENT. INSTALLED PUMPS SHALL TAKE SUCTION FROM A DEEP WET WELL, SIMULATING ACTUAL SERVICE CONDITIONS. THE CONTROL PANEL SHALL UNDERGO BOTH A DRY LOGIC TEST AND A FULL OPERATIONAL TEST WITH ALL SYSTEMS OPERATING.

viii. FACTORY TEST INSTRUMENTATION MUST INCLUDE FLOW MEASURING WITH INDICATOR; COMPOUND SUCTION GAUGE; BOURBON TUBE TYPE DISCHARGE PRESSURE GAUGE; ELECTRICAL METERS TO MEASURE AMPERES, VOLTS, KILOWATTS AND POWER FACTOR; SPEED INDICATOR AND VIBROMETER CAPABLE OF MEASURING BOTH AMPLITUDE AND FREQUENCY.

b. PUMPS:

i. AFTER ALL PUMPS HAVE BEEN COMPLETELY INSTALLED, WORKING UNDER THE DIRECTION OF THE MANUFACTURER, CONDUCT IN THE PRESENCE OF THE ENGINEER AND THE CITY OF DANIA BEACH REPRESENTATIVE, SUCH TESTS AS ARE NECESSARY TO INDICATE THAT PUMPS CONFORM TO THE SPECIFICATIONS. FIELD TESTS SHALL INCLUDE ALL PUMPS INCLUDED UNDER THIS SECTION. SUPPLY ALL ELECTRICAL POWER, WATER OR WASTEWATER LABOR, EQUIPMENT AND INCIDENTALS REQUIRED TO COMPLETE THE FIELD TESTS.

ii. IF THE PUMP PERFORMANCE DOES NOT MEET THE SPECIFICATIONS, CORRECTIVE MEASURES SHALL BE TAKEN OR PUMPS SHALL BE REMOVED AND REPLACED WITH PUMPS WHICH SATISFY THE CONDITIONS SPECIFIED.

c. MOTORS:

i. THE CONTRACTOR SHALL CHECK ALL MOTORS FOR CORRECT CLEARANCE AND ALIGNMENT AND FOR CORRECT LUBRICATION IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. THE CONTRACTOR SHALL CHECK DIRECTION OF ROTATION OF ALL MOTORS AND REVERSE CONNECTIONS IF NECESSARY.

d. TELEMETRY:

i. THE CONTRACTOR SHALL DEMONSTRATE THAT THE TELEMETRY SYSTEM IS FUNCTIONAL AND HAS COMMUNICATIONS WITH THE BASE UNIT.

e. GENERATOR:

i. THE CONTRACTOR SHALL PROVIDE FOR A LOAD TEST EQUAL TO THE START UP AMPERAGE OF BOTH PUMPS.

f. BYPASS PUMP:

i. THE CONTRACTOR SHALL DEMONSTRATE THAT THE BYPASS PUMP IS CAPABLE OF MEETING ACTUAL SERVICE CONDITIONS.

X. EARTHWORK AND COMPACTION

A. GENERAL:

1. NONE OF THE EXISTING MATERIAL IS TO BE INCORPORATED IN THE LIMEROCK BASE.

2. ALL SUBGRADE UNDER PAVED AREAS SHALL HAVE A MINIMUM LBR VALUE OF 40 AND AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.

3. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.

4. A 2" BLANKET OF TOP SOIL SHALL BE PLACED OVER ALL AREAS TO BE SODDED.

5. SOD SHALL BE ST. AUGUSTINE, BITTER BLUE OR FLORATAM AND SHALL BE PLACED ON THE GRADED TOP SOIL AND WATERED TO INSURE SATISFACTORY CONDITION UPON FINAL ACCEPTANCE OF THE PROJECT.

6. WHEN WORKING IN AND AROUND EXISTING DRAINAGE CANALS OR LAKES, APPROPRIATE SILT BARRIERS SHALL BE INSTALLED.

B. ON-SITE:

1. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL WITHIN THREE FEET OF AREAS TO BE PAVED SHALL BE REMOVED.

2. SUITABLE BACKFILL SHALL BE MINIMUM LBR 40 MATERIAL COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 FOR THREE (3) FEET BEYOND THE PERIMETER OF THE PAVING.

XI. STORM DRAINAGE

A. CONTRACTOR MAY UTILIZE ONE OF THE FOLLOWING MATERIALS:

1. ALUMINUM:

a. PIPE SHALL BE ALUMINUM, MANUFACTURED IN CONFORMANCE WITH ASTM B209.

b. PIPE SHALL BE SPIRAL RIB DRAINAGE PIPE WITH 3/4" BY 3/4" RIBS, APPROXIMATELY 7-1/2" ON CENTER. GAUGE THICKNESS SHALL MEET FDOT STANDARD 945-1.

c. PIPE COUPLING BANDS SHALL BE 12" WIDE STANDARD SPLIT BANDS OF THE SAME ALLOY AS THE PIPE AND MAY BE ONE GAUGE LIGHTER THAN THE PIPE.

d. POLYURETHANE OR OTHER SEALANT SHALL BE USED WITH COUPLING BANDS ON ALL NON-PERFORATED PIPE.

2. REINFORCED CONCRETE PIPE (RCP):

a. CONCRETE PIPE FOR STORM SEWERS SHALL CONFORM TO ASTM L70-79, TABLE III, WALL B, OR LATEST REVISION. ALL PIPE SHALL HAVE MODIFIED TONGUE AND GROOVE JOINTS, AND HAVE RUBBER GASKETS, UNLESS OTHERWISE SPECIFIED.

3. HIGH DENSITY POLYETHYLENE (HDPE):

a. HDPE 12 THROUGH 60 INCH (300 TO 1500 MM) SHALL MEET AASHTO M294, TYPE S OR SP OR ASTM F2306.

4. MISCELLANEOUS:

a. BEDDING AND INITIAL BACKFILL OVER DRAINAGE PIPES SHALL BE SAND WITH NO ROCK LARGER THAN 1" DIAMETER.

b. BACKFILL MATERIAL UNDER PAVED AREAS SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY ASSHTO T-180.

c. BACKFILL MATERIAL UNDER AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.

d. CATCH BASINS SHALL BE PRECAST MINIMUM 3000 PSI CONCRETE AND GRADE 40 REINFORCED STEEL.

5. INSTALLATION:

a. PIPE SHALL BE PLACED ON STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION OTHER FOREIGN FORMATIONS, AND CONSTRUCTED TO UNIFORM GRADE AND LINE.

b. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL WELL TAMPED IN LAYERS NOT TO EXCEED SIX INCHES (6").

c. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.

d. THE CONTRACTOR SHALL NOTIFY THE LOCAL WATER CONTROL DISTRICT AT LEAST 24 HOURS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

XII. STORM DRAINAGE PRE-TREATMENT/EXFILTRATION SYSTEM

A. ANY CONFLICT WITH EXISTING OR PROPOSED UTILITIES SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ANY IMPERMEABLE MATERIAL ENCOUNTERED IN THE EXCAVATION FOR THE DRAIN FIELD SHALL BE REMOVED AS DIRECTED BY THE ENGINEER.

B. THE TRENCH LINER SHALL BE TYPAR SPUN BONDED POLYPROPYLENE FILTER FABRIC AS MANUFACTURED BY THE DUPONT COMPANY, OR APPROVED EQUAL. IT SHALL BE USED ON THE SIDES AND TOP OF DRAIN FIELD DITCH. THE TOP SECTION OF THE MATERIAL SHALL BE LAPPED A MINIMUM OF 24 INCHES AND THE CONTRACTOR SHALL TAKE EXTREME CARE IN BACKFILLING TO AVOID BUNCHING OF THE FABRIC.

C. PERFORATED PIPE WITHIN THE DRAIN FIELD SHALL HAVE 3/8 INCH PERFORATIONS 360° AROUND THE PIPE WITH APPROXIMATELY 120 PERFORATIONS PER FOOT OF PIPE.

D. PERFORATED PIPE SHALL TERMINATE FIVE FEET (5') FROM THE DRAINAGE STRUCTURE. THE REMAINING FIVE FEET (5') SHALL BE NON-PERFORATED PIPE.

E. PIPES SHALL TERMINATE TWO FEET (2') FROM THE END OF THE TRENCH OR CONNECT TO ADDITIONAL CATCH BASINS.

XIII. PAVING

A. GENERAL:

1. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF OF LIMEROCK BASE AND PRIOR TO PLACEMENT OF THE PAVEMENT.

2. ALL EXISTING PAVEMENT CUT OR DAMAGED BY CONSTRUCTION SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.

3. WHERE PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.

4. ALL STREET CORNER PAVEMENT RADII SHALL BE 25 FEET UNLESS OTHERWISE NOTED ON THE PLANS.

5. UPON COMPLETION OF DRAINAGE IMPROVEMENTS AND LIMEROCK BASE CONSTRUCTION (AND BEFORE PLACING ASPHALT PAVEMENT) THE CONTRACTOR SHALL FURNISH THE ENGINEER OF RECORD AND THE CITY OF DANIA BEACH "AS-BUILT" PLANS FOR THESE IMPROVEMENTS, SHOWING THE LOCATIONS AND THE PERTINENT GRADES OF ALL DRAINAGE INSTALLATIONS AND THE FINISHED ROCK GRADES OF THE ROAD CROWN AND EDGE OF PAVEMENT AT 50 FEET INTERVALS. THESE "AS-BUILTS" SHALL BE APPROVED BY THE CITY PRIOR TO THE PLACEMENT OF ASPHALT.

B. MATERIALS:

1. BASE COURSE SHALL BE CRUSHED LIMEROCK MIAMI OOLITE WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM (60% FOR LOCAL STREETS AND PARKING AREAS) AND A MINIMUM LIMEROCK BEARING RATIO 100.

2. PRIME COAT AND TACK COAT SHALL MEET F.D.O.T. STANDARDS.

3. SURFACE COURSE SHALL BE EQUAL TO F.D.O.T. TYPE S-3 ASPHALT.

4. REINFORCED CONCRETE SLABS SHALL BE CONSTRUCTED OF CLASS I CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI AND SHALL BE REINFORCED WITH A 6" x 6" No. 6 GAUGE WIRE MESH.

C. INSTALLATION:

1. LIMEROCK BASE MATERIAL SHALL BE 8 INCHES THICK AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.

2. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFTS. BASES GREATER THAN 6" SHALL BE PLACED IN TWO OR MORE EQUAL LIFTS.

3. ASPHALTIC CONCRETE SHALL BE A MINIMUM OF 1 1/2" THICK AND SHALL BE PLACED IN TWO 3/4" LIFTS. (NOTE: SECOND LIFT TO BE PLACED AFTER A MINIMUM OF 80% OF THE HOUSES HAVE BEEN COMPLETED OR AS DIRECTED BY THE CITY ENGINEER.

4. PRIME COAT SHALL BE PLACED ON ALL LIMEROCK BASES IN ACCORDANCE WITH F.D.O.T. STANDARDS.

5. TACK COAT SHALL BE PLACED AS REQUIRED IN ACCORDANCE WITH F.D.O.T. STANDARDS.

D. TESTING:

ALL SUBGRADE, LIMEROCK AND ASPHALT TESTS REQUIRED SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER AND/OR THE CITY OF DANIA BEACH.

1. THE FINISHED SURFACE OF THE BASE COURSE AND THAT OF THE WEARING SURFACE SHALL NOT VARY MORE THAN 1/4" FROM THE TEMPLATE. ANY IRREGULARITIES EXCEEDING THIS LIMIT SHALL BE CORRECTED.

2. DENSITY TESTS SHALL BE TAKEN BY AN INDEPENDENT TESTING LABORATORY, CERTIFIED BY THE STATE OF FLORIDA, AND TAKEN AS DIRECTED BY THE ENGINEER AND THE CITY OF DANIA BEACH.

3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE OWNER EXCEPT THOSE TESTS FAILING TO MEET THE SPECIFIED REQUIREMENTS, WHICH ARE TO BE PAID BY THE CONTRACTOR.

XIV. SIGNING AND MARKING

A. ALL PAVEMENT MARKINGS SHALL BE HOT APPLIED THERMOPLASTIC MANUFACTURED AND APPLIED IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATION'S SECTION 711 AND BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS WHERE APPLICABLE.

B. ALL SIGNS SHALL BE MANUFACTURED AND INSTALLED IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS.

C. REFLECTIVE PAVEMENT MARKERS SHALL BE CLASS B MARKERS MANUFACTURED IN ACCORDANCE WITH F.D.O.T. STANDARD SPECIFICATIONS 706 AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDED PROCEDURES.

GENERAL NOTE:

THE CONTRACTOR SHALL CONFORM TO THE MOST CURRENT AND MOST STRINGENT STANDARDS AND SPECIFICATION REQUIREMENTS FOR THE BROWARD COUNTY DEPARTMENT OF NATURAL RESOURCE PROTECTION AND THE CITY OF DANIA BEACH, PERTAINING TO ALL UTILITY PIPE SEPARATIONS AND CLEARANCES.

XV. ABANDONMENT/GROUTING OF EXISTING PIPING

A. GENERAL:

PIPING DESIGNATED TO BE "ABANDONED/GROUTED" IN PLACE SHALL BE PRESSURE GROUTED WITH A LIME/CEMENT/SAND SLURRY AND SEALED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF DANIA BEACH AND THE PROVISIONS SPECIFIED HEREIN AND, WHERE NECESSARY DUE TO CONFLICT WITH PROPOSED INSTALLATIONS OR REMOVAL OF UNSUITABLE MATERIAL, SECTIONS OF PIPE SHALL BE CUT OUT AS REQUIRED, REMOVED AND PROPERLY DISPOSED OF.

B. HAZARDOUS MATERIALS:

PIPING TO BE ABANDONED AND STABILIZED OR CUT AND REMOVED IS OF ASBESTOS-CEMENT MATERIAL COMPOSITION AND SHALL BE HANDLED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF THE AGENCIES HAVING JURISDICTION.

1. PROVIDE THE SERVICES OF A PROPERLY QUALIFIED, EXPERIENCED AND, WHERE MANDATORY, FLORIDA LICENSED ASBESTOS REMOVAL CONTRACTOR TO PERFORM THE REQUIRED WORK. PROVIDE FOR THE SAFETY AND PROPER PROTECTION OF PERSONS AGAINST EXPOSURE TO HAZARDOUS MATERIALS INVOLVED IN THE PROJECT.

2. DETERMINE AND COMPLY WITH APPLICABLE REGULATIONS, LAWS AND ORDINANCES CONCERNING REMOVAL, CONTAINMENT, HANDLING, AND DISPOSAL OF HAZARDOUS MATERIAL. DISPOSAL METHOD FOR THIS PIPING SHALL BE TO CUT PIPE, DISLOCATE IT AND LEGALLY DISPOSE OF THE PIPING OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE STANDARDS.

C. SUBMITTALS:

1. SUBMIT DATA ON PROPOSED METHODS AND EQUIPMENT FOR LIME SLURRY INJECTION PROCESS.

2. SUBMIT MANUFACTURER'S CERTIFICATE INDICATING MATERIALS COMPLIANCE WITH SPECIFICATIONS.

3. SUBMIT CERTIFICATION OF APPLICATOR'S TRAINING AND EXPERIENCE (2 YEARS MINIMUM) USING PRESSURE GROUTING PROCESS.

D. LIME SLURRY:

1. MATERIALS:

a. HYDRATED LIME: ASTM C 141.

b. PORTLAND CEMENT: ASTM C 150, TYPE 1.

c. WATER: POTABLE QUALITY.

d. SURFACTANT: BIODEGRADABLE, NONIONIC DETERGENT (USAGE TO BE CONTRACTOR OPTION)

e. SAND: CLEAN SAND WITH 100% PASSING THE 3/8" SIEVE AND NOT MORE THAN 10% PASSING THE 200 MESH.

2. MIX:

a. PROPORTION LIME SLURRY AT RATE OF 2.5 TO 3.0 POUNDS OF HYDRATED LIME PER GALLON OF WATER; CONTINUOUSLY AGITATE.

b. SPECIFIC GRAVITY RANGE 1.14 TO 1.16 AT 60 F.

c. ADD CEMENT TO LIME SLURRY AT THE RATE OF 2.0 POUNDS PER GALLON OF WATER.

d. ADD SURFACTANT TO MIX NOT TO EXCEED THE RATE OF ONE UNDILUTED GALLON PER 3,000 GALLONS OF SLURRY.

e. FLOWABLE FILL MATERIAL SHALL BE PROPORTIONED TO PRODUCE A 28-DAY COMPRESSIVE STRENGTH OF 50-150 PSI.

E. EQUIPMENT:

1. SLURRY TANK: MECHANICAL AGITATOR EQUIPPED TANK OF APPROPRIATE CAPACITY.

2. PRESSURE GAUGES: CALIBRATED TO INDICATE POUNDS PER SQUARE INCH IN APPROPRIATE RANGE AND SCALE.

3. HOSES: RATED TO SPECIFIED PRESSURES.

4. PIPE TAP: INJECTION PORT SHALL CONSIST OF A 1-INCH TAPPING SADDLE DRILLED AND TAPPED TO RECEIVE A THREADED GALVANIZED PIPE NIPPLE TO RECEIVE THE PRESSURE HOSE FITTINGS.

5. INJECTION EQUIPMENT SHALL BE A SELF-CONTAINED MOBILE UNIT SPECIFIC TO THE WORK TO BE PERFORMED.

6. INJECTION PORTS SHALL BE INSTALLED AT REGULAR INTERVALS ALONG THE PIPELINE, CORRESPONDING TO THE MAXIMUM CAPABILITY OF THE PUMPING EQUIPMENT IN SERVICE.

F. INSTALLATION:

1. VERIFY THAT PIPELINE INJECTION PORTS ARE IN PLACE TO VENT AIR AND WATER PRIOR TO STARTING THE INJECTION PROCEDURES.

2. CORRECT ANY DEFECTS THAT WOULD PREVENT PROPER INJECTION OF THE SLURRY.

3. PERFORM GROUTING OF PIPELINE IN SEGMENTS FROM CLOSED VALVE TO CLOSED VALVE.

4. CONTINUOUSLY AGITATE SLURRY DURING INJECTION PROCESS; MAINTAIN SAME SPECIFIC GRAVITY AT THE SLURRY TANK.

5. RECORD INJECTION PRESSURES FOR EACH SECTION OF PIPELINE.

6. INJECT EACH SECTION UNTIL SLURRY IS EJECTED FROM THE FOLLOWING PORT.

7. PLUG OR CAP THE INJECTION PORT USED AND REPEAT THE PROCESS UNTIL THE PIPELINE FROM VALVE TO VALVE IS COMPLETED.

8. AS EACH SECTION OF PIPELINE IS GROUTED, EXCAVATED ACCESS HOLES SHALL BE BACKFILLED.

BROWARD COUNTY DEPARTMENT OF PLANNING AND ENVIRONMENTAL PROTECTION

1. NOTES ON WATER SEWER SEPARATION:

A. SANITARY SEWERS AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS AND FORCE MAINS CROSSING WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE WHENEVER POSSIBLE.

WHERE SANITARY SEWERS OR FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES OF VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (D.I.P.) AT THE CROSSING. SUFFICIENT LENGTHS OF D.I.P. MUST BE USED TO PROVIDE A MINIMUM SEPARATION OF 10 FEET BETWEEN ANY TWO JOINTS. ALL JOINTS ON THE WATER MAIN WITHIN 20 FEET OF THE CROSSING MUST BE MECHANICALLY RESTRAINED. A MINIMUM VERTICAL CLEARANCE OF 6 INCHES MUST BE MAINTAINED AT ALL CROSSINGS.

ALL CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUAL DISTANCE FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).

WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, THE NEW PIPE SHALL BE ARRANGED TO MEET THE CROSSING REQUIREMENTS ABOVE.

B. A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.

IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN 10-FOOT HORIZONTAL SEPARATION, THE WATER MAIN MUST BE LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF LOCATED ON ONE SIDE OF THE SEWER OR FORCE MAIN AT SUCH AN ELEVATION THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.

WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF D.I.P. AND THE SANITARY SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF D.I.P. WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).

C. ALL D.I.P. SHALL BE CLASS 50 OR HIGHER. ADEQUATE PROTECTIVE MEASURE AGAINST CORROSION SHALL BE USED AS DETERMINED BY DESIGN.

ENGINEER'S SEAL
NOT VALID WITHOUT
ORIGINAL SIGNATURE

JAY CORLISS EVANS
LICENSE
No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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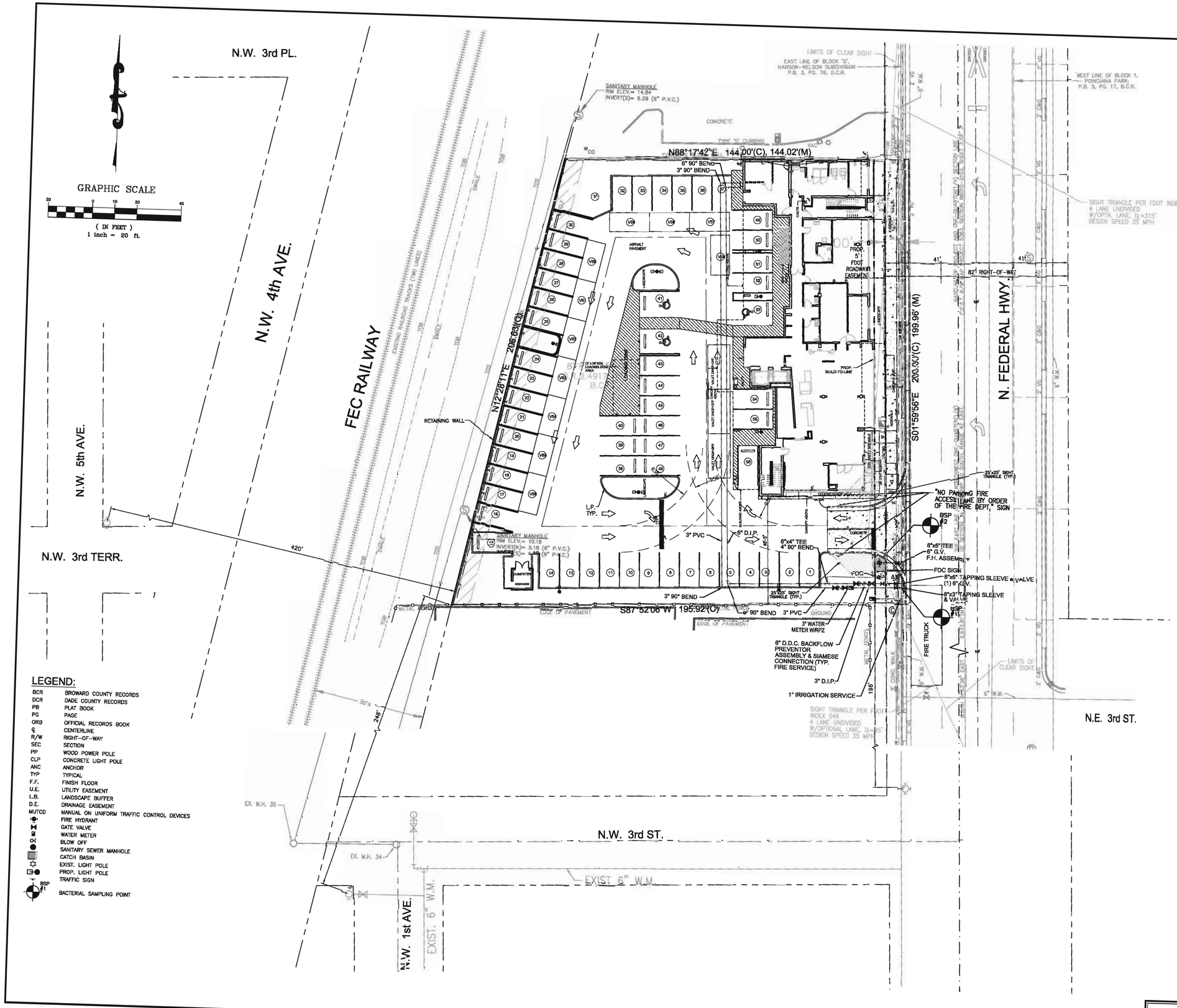
P.E. # 39461

AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

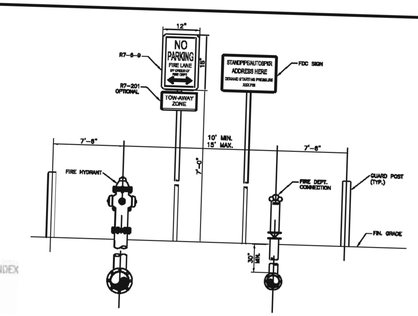
SHEET TITLE
GENERAL NOTES AND SPECIFICATIONS

SCALE: N.T.S.
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
C-9
15011A



LEGEND:

BCR	BROWARD COUNTY RECORDS
DCR	DADE COUNTY RECORDS
PB	PLAT BOOK
PG	PAGE
ORB	OFFICIAL RECORDS BOOK
℄	CENTERLINE
R/W	RIGHT-OF-WAY
SEC	SECTION
PP	WOOD POWER POLE
CLP	CONCRETE LIGHT POLE
ANC	ANCHOR
TYP	TYPICAL
F.F.	FINISH FLOOR
U.E.	UTILITY EASEMENT
L.B.	LANDSCAPE BUFFER
D.E.	DRAINAGE EASEMENT
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
	FIRE HYDRANT
	GATE VALVE
	WATER METER
	BLOW OFF
	SANITARY SEWER MANHOLE
	CATCH BASIN
	EXIST. LIGHT POLE
	PROP. LIGHT POLE
	TRAFFIC SIGN
BSP #1	BACTERIAL SAMPLING POINT



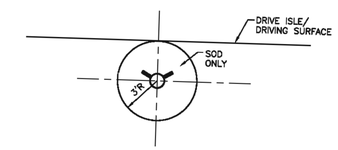
FIRE LANE AND FDC SIGNAGE DETAIL

NOTES:

FIRE LANE SIGN:
1. SIGNS SHALL HAVE A WHITE REFLECTORIZED BACKGROUND WITH RED OPAQUE LEGEND AND BORDER.
2. "FIRE LANE" LETTERS SHALL BE 1½" AND ALL OTHER LETTERS SHALL BE 1" SERIES "C".
3. SIGNS SHALL BE MOUNTED ON POST AT LOCATIONS DEPICTED ON SITE PLAN AT A MAXIMUM HEIGHT OF 7'-0" FROM THE FINISHED GRADE TO THE BOTTOM PART OF THE SIGN.

TOW-AWAY ZONE SIGN:
1. SIGNS SHALL BE A MINIMUM OF 6"x12" WHITE BACKGROUND WITH RED LETTERS MINIMUM LETTER SIZE TO BE ONE INCH.

FDC SIGN:
1. SIGNS SHALL BE WHITE BACKGROUND WITH RED LETTERS MINIMUM LETTER SIZE TO BE ONE INCH. SIGN SHALL READ "STANDPIPE", "STANDPIPE AND AUTOSPKR" OR "AUTOSPKR AND STANDPIPE" AND SHALL INCLUDE COMPLETE ADDRESS OR PORTION OF BUILDING SERVED AND SHALL INCLUDE PRESSURE REQUIRED AT INLETS TO DELIVER SYSTEM DEMAND.



FIRE HYDRANT CLEAR ZONE

N.T.S.

NOTES:

1. REQUIREMENTS APPLY TO FIRE HYDRANTSAND ANY OTHER FIRE EQUIPMENT FOR UTILIZING FIRE HOSE, ON PUBLIC OR PRIVATE PROPERTY. FOR SIAMESE CONNECTIONS TO SPRINKLER SYSTEMS PROVIDE 4' RADIUS.
2. THE CLEAR ZONE SHALL BE FREE OF LANDSCAPE (EXCEPT SOD), MAILBOXES, PARKING, LAMP-POSTS AND ALL OTHER OBSTRUCTIONS.

FIRE & RESCUE NOTES:

ALL FIRE DEPT. ACCESS ROADS SHALL BE 20 FEET WIDE AND DEIGNED AND MAINTAINED TO SUPPORT MINIMUM OF 32 TONS AND SHALL BE PROVIDED WITH A SURFACE SUITABLE FOR ALL-WEATHER DRIVING CAPABILITIES NFPA 1 (18 2.2.25.2).

ALL CURBS ALONG FIRE ACCESS LANES SHALL BE PAINTED YELLOW (THERMOPLASTIC PAINT).

BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS PLACED IN A POSITION TO BE PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE ARABIC NUMERALS OR ALPHABET LETTERS. NUMERALS SHALL BE NOT LESS THAN THREE INCHES IN HEIGHT FOR RESIDENTIAL BUILDINGS, STRUCTURES, OR PORTIONS THEREOF, AND AT LEAST SIX INCHES IN HEIGHT FOR ALL OTHER BUILDINGS, STRUCTURES, OR PORTIONS THEREOF.

ROAD PAVEMENT MARKERS SHALL BE PROVIDED IN THE CENTER OF THE NEAREST ADJACENT ROADWAY/DRIVE AISLE FOR ALL HYDRANTS (BLUE) AND FIRE DEPARTMENT CONNECTIONS (RED).

FDC SIGN SHALL INCLUDE BUILDING NUMBERS.

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AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
FR-1
15011A

SHEET TITLE
FIRE & RESCUE PLANS

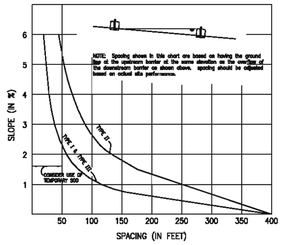
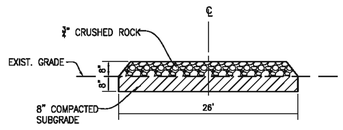


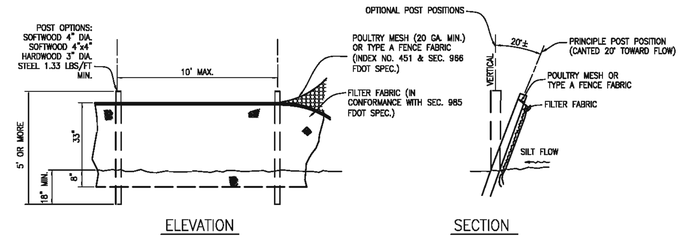
CHART I

RECOMMENDED SPACING FOR BALED HAY BARRIERS AND TYPE III SILT FENCE



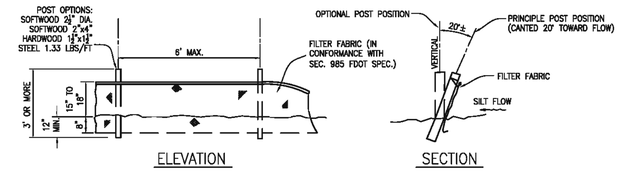
CROSS SECTION SITE ACCESS

N.T.S.



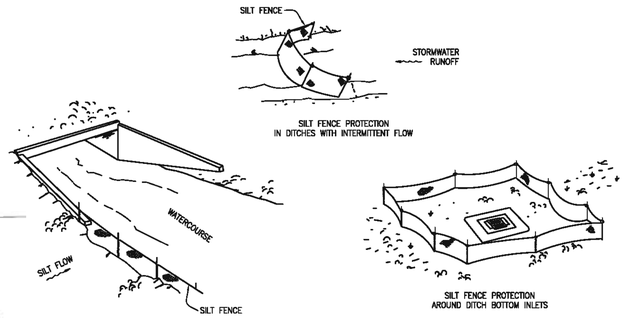
ELEVATION SECTION

TYPE IV SILT FENCE



ELEVATION SECTION

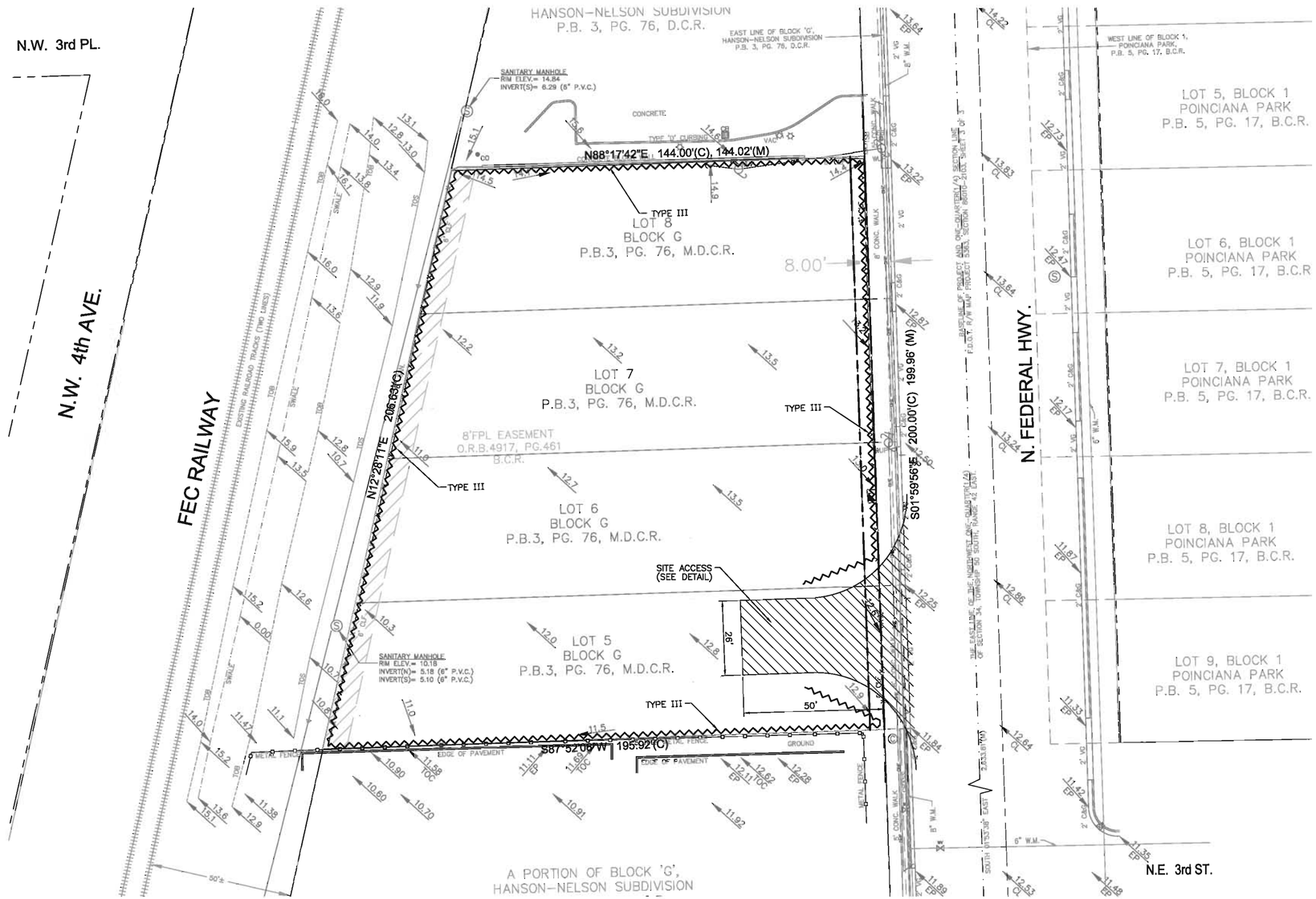
TYPE III SILT FENCE



SILT FENCE APPLICATIONS

POLLUTION/EROSION CONTROL DETAIL

SEE F.D.O.T. INDEX 102 SHEETS 1 & 3 OF 3



NOTES FOR SILT FENCES

1. TYPE III SILT FENCE TO BE USED AT MOST LOCATIONS. WHERE USED IN DITCHES, THE SPACING FOR TYPE III SILT FENCE SHALL BE IN ACCORDANCE WITH CHART 1, SHEET 1.
2. TYPE IV SILT FENCE TO BE USED WHERE LARGE SEDIMENT LOADS ARE ANTICIPATED. SUGGESTED USE IS WHERE FILL SLOPE IS 1:2 OR STEEPER AND LENGTH OF SLOPE EXCEEDS 25 FEET. AVOID USE WHERE THE DETAINED WATER MAY BACK INTO TRAVEL LANES OR OFF THE RIGHT OF WAY.
3. DO NOT CONSTRUCT SILT FENCES ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.
4. WHERE USED AS SLOPE PROTECTION, SILT FENCE IS TO BE CONSTRUCTED ON 0% LONGITUDINAL GRADE TO AVOID CHANNELIZING RUNOFF ALONG THE LENGTH OF THE FENCE.
5. SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR STAKED SILT FENCE, (L.F.).

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

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SHEET TITLE

EROSION CONTROL PLAN

REVISIONS

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AVID HOTEL

CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'

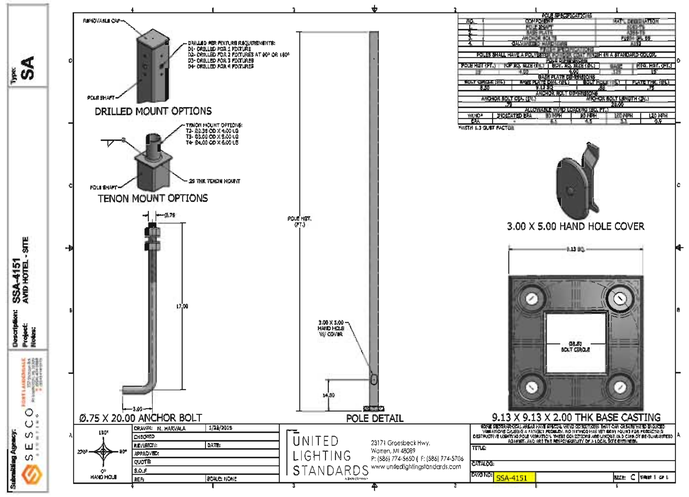
DATE: 08/23/19

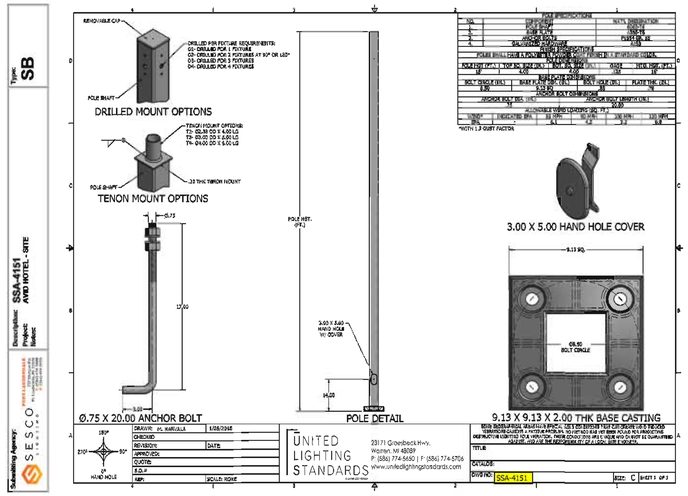
DRAWN BY: JRW

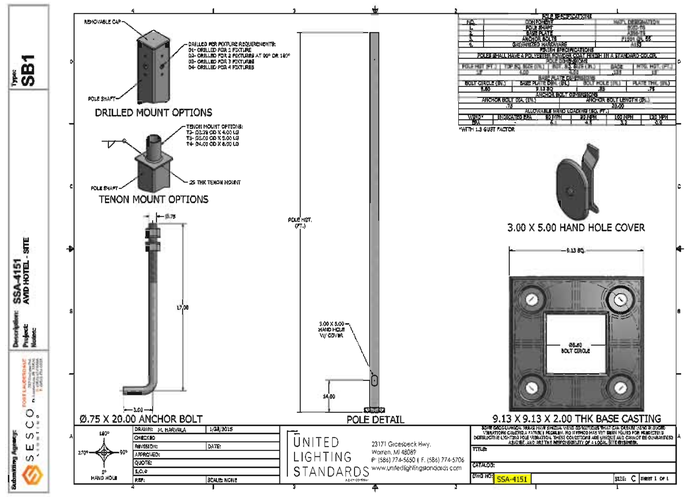
SHEET No.

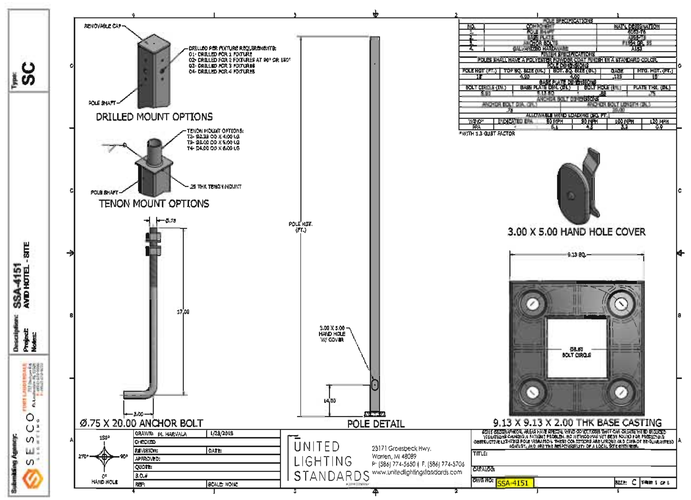
ER-1

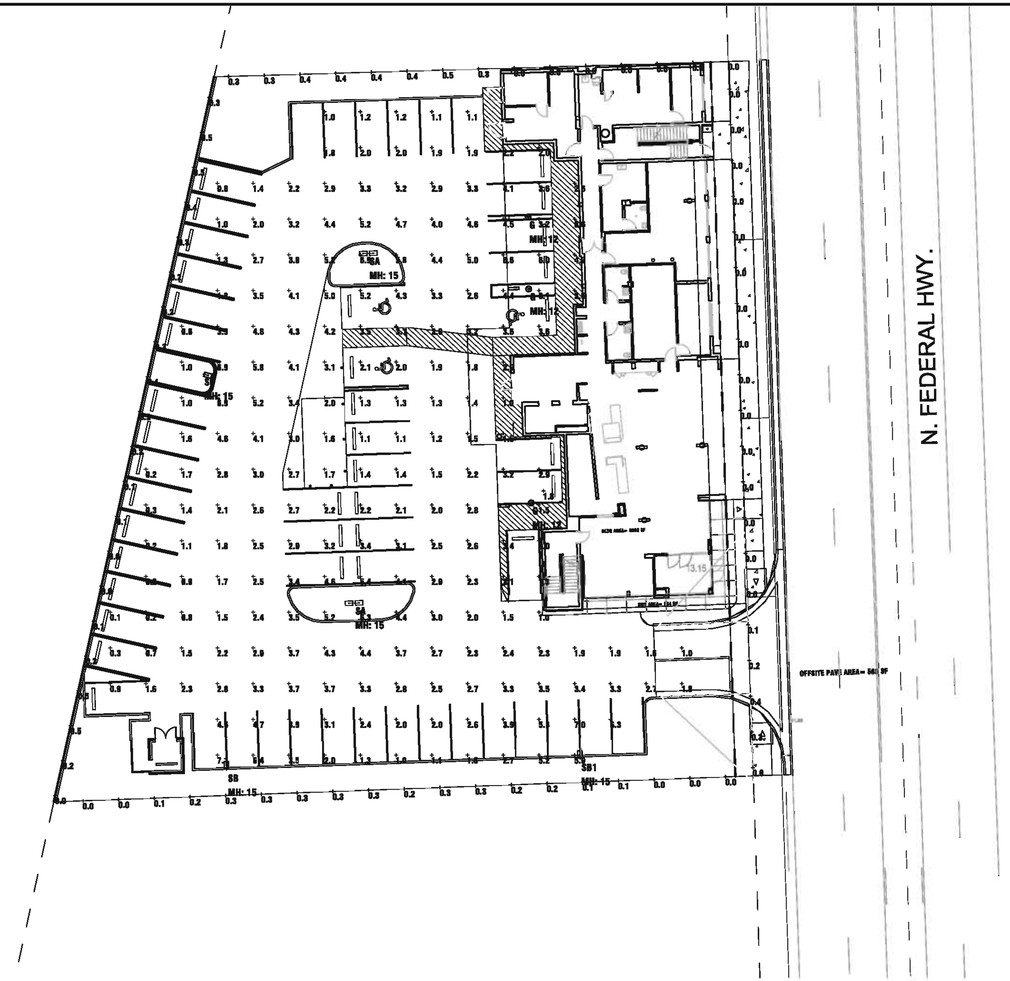
15011A











Luminaire Schedule						
Project: AVID HOTEL - SSA-4151 — SSA — SSA - E - 2015						
Symbol	Qty	Label	Description	Lum. Watts	Total Watts	
	6	SC	SSA4151 PSTD-SSA-1000-SQ-SC-4-NBT	0.000	0.0	1212
	4	SB	SSA4151 PSD-SSA-400-SQ-SB-4 POLE HEIGHT 15' AFG	0.000	0.0/0.0/0.0	0/0/0/0
	1	SB	SSA4151 PSD-SSA-400-SQ-SB-4-G2 POLE HEIGHT 15' AFG	0.000	0.0/0.0/0.0	0/0/0/0
	1	SB1	SSA4151 PSD-SSA-400-SQ-SB-4-G2 POLE HEIGHT 15' AFG	0.000	0.0/0.0/0.0	0/0/0/0
	1	SB1	SSA4151 PSD-SSA-400-SQ-SB-4-G2 POLE HEIGHT 15' AFG	0.000	0.0/0.0/0.0	0/0/0/0
	1	SA	SSA4151 PSD-SSA-400-SQ-SA-4-NBT POLE HEIGHT 15' AFG	0.000	0.0/0.0/0.0	0/0/0/0

Calculation Summary					
Project: AVID HOTEL - SSA-4151 — SSA — SSA - E - 2015					
Label	Avg	Max	Min	Avg/Min	Max/Min
POLE & GROUND	1.00	5.1	0.1	10.00	51.00
PROPERTY LINE	0.17	0.3	0.0	N.A.	N.A.

GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
1 inch = 20 ft.

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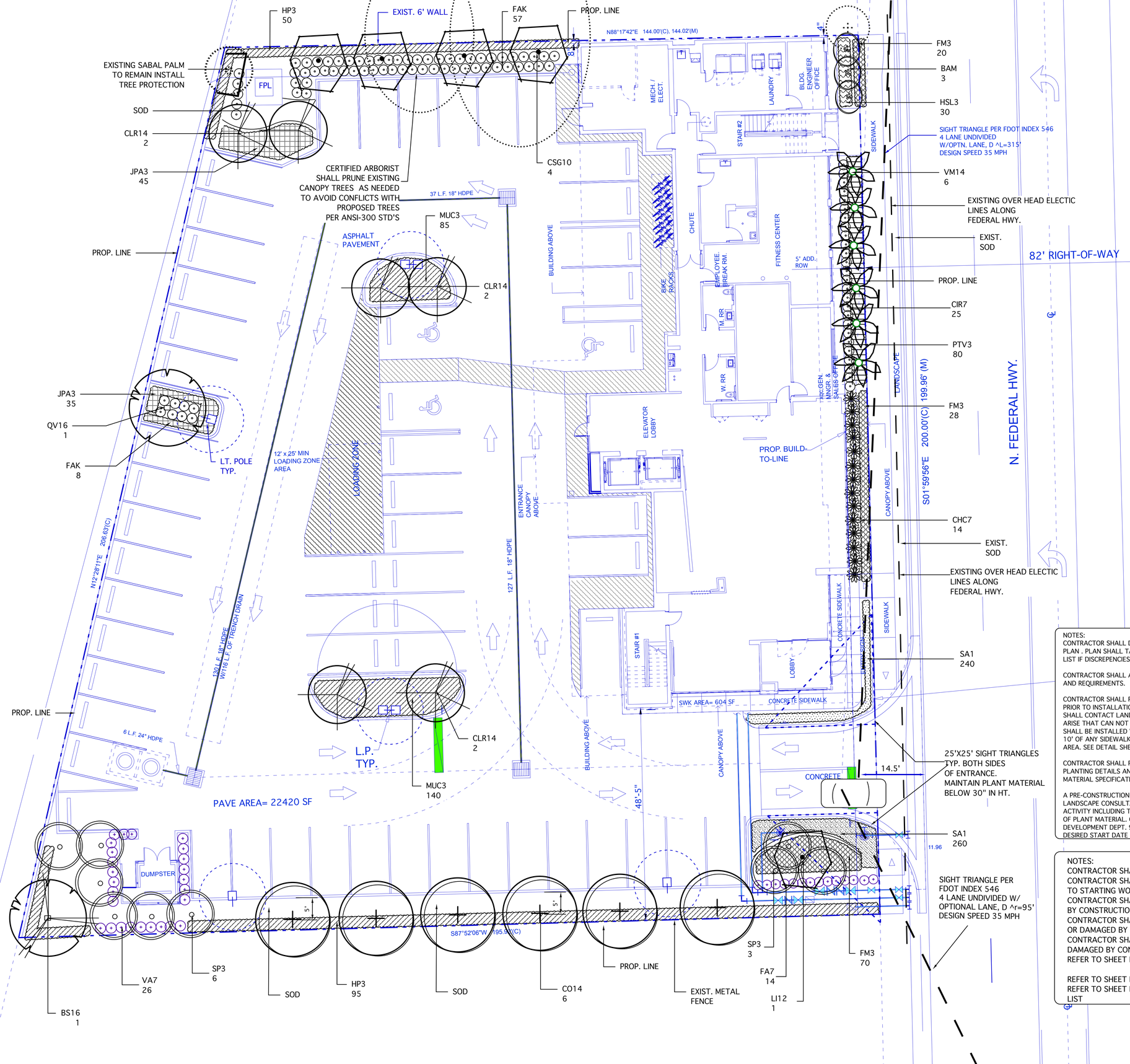
AVID HOTEL
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 08/23/19
DRAWN BY: JRW
SHEET No.
E-1
15011A

SHEET TITLE
PHOTOMETRIC PLAN



CITY OF DANIA
LANDSCAPE CALCULATIONS

TOTAL SITE NET AREA: 33,094 SF (.76 ACRES)
ZONING: CC DISTRICT

TOTAL GREEN AREA: 5,400 SF. (15.8%)

INTERIOR LANDSCAPE AREA FOR VUA
VUA = 21,900 SF. X .10 = 2,190 SF.
PROVIDED = 2,197 SF
(1) TREE PER 200 SF. OF VUA LANDSCAPE AREA
2,190/200 = 11
REQUIRED = 11
PROVIDED = 1

(2) CAT 1 TREES PER INTERMEDIATE PARKING ISLAND
(1) CAT TREE PER TERMINAL ISLANDS
REQUIRED = 9 CAT 1 TREES
PROVIDED = 9 CAT 1 TREES

OPEN SPACE LANDSCAPING = 2,190 SF.
(1) TREE AND 10 SHRUBS PER 2,000 SF
REQUIRED = 2 TREES 20 SHRUBS
PROVIDED = 2 TREES + 20 SHRUBS

PERIMETER BUFFERS:
(1) TREE PER 40 LF. + CONT. HEDGE.
CONT. HEDGE PROVIDED
NORTH (144) = 4 REQUIRED
PROVIDED = 4
WEST (207) = N/A PER VARIANCE
PROVIDED = 0
SOUTH (196) = 5
PROVIDED = 5

ABUTTING A R.O.W.:
(1) TREE PER 40 LF. + CONT. HEDGE
CONT. HEDGE PROVIDED
EAST FEDERAL HWY. (200) =N/A

TOTAL TREES REQUIRED = 31
TREES PROVIDED = 24
CANOPY TREES REQ. = 13 (40%) 14' HT. 2.5" DBH. 4.5' CT
PROVIDED =13
INTERMEDIATE TREES REQ. = 9 (30%) 12' HT. 2" DBH. 4' CT.
PROVIDED = 5
SMALL TREES REQ. = 3 (10%) 10' HT. 1.5" DBH. 3' CT.
PROVIDED = 4
PALM MAX = 7 (20% MAX)
PROVIDED = 5 (3:1)
NATIVES REQUIRED = 16 (50%)
PROVIDED = 21
SHRUBS PROPOSED = 713
NATIVE SHRUBS PROVIDED = 474 (67%)

MITIGATION TREES REQUIRED PER SHEET L-2
1,594/500 = 4 TREES REQUIRED (CAT 1 A TREES) + 12 TREES
DEFFICIENT ON SITE
EQUAL VALUE SHALL BE PAID INTO THE CITY TREE PRESERVATION
FUND IN THE AMOUNT OF 16X $700 X 2.7 = $30,240.00
MITIGATOIN PALMS REQUIRED = 13
AMOUNT TO BE PAID 13X $450.00 = $5,850.00

11-5-19

WATERING NOTES:

WATER SCHEDULES FOR NEWLY PLANTED
TREES AND SHRUBS IN WELL DRAINED SOIL:

A RAIN SENSOR DEVICE SHALL
BE INSTALLED TO AVOID OVER WATERING OR
ROOT BALL FLOODING.
POORLY DRAINED SOILS SHALL BE MONITORED FOR
CHANGES IN MOISTURE BY CONTRACTOR OR MAINENANCE
CREW.

RECOMMENDED GENERAL WATER QUANTITY:
2" DBH. = DAILY FOR 2 WEEKS EVERY OTHER DAY
FOR 2 MONTHS UNTIL ESTABLISHED

2"-4" DBH. = DAILY FOR 1 MONTH EVERY OTHER DAY
FOR 3 MONTHS, THEM WEEKLY UNTIL ESTABLISHED

4"+ DBH. = DAILY FOR 6 WEEKS, EVERY OTHER DAY FOR
5 MONTHS, THEN WEEKLY UNITL ESTABLISHED.

CONTRACTOR SHALL REFERENCE IFAS #ENH857 AN ALTER
AS NEEDED PER FIELD CONDITIONS.

NOTES:
CONTRACTOR SHALL DO TAKE OFF FROM PLANTING
PLAN . PLAN SHALL TAKE PRECEDENCE OVER PLANT
LIST IF DISCREPENCIES OCCUR.

CONTRACTOR SHALL ADHEAR TO ALL LOCAL CODES
AND REQUIREMENTS.

CONTRACTOR SHALL REVIEW CIVIL AND UTILITY PLANS
PRIOR TO INSTALLATION OF MATERIALS. CONTRACTOR
SHALL CONTACT LANDSCAPE ARCHITECT IF CONFLICTS
ARISE THAT CAN NOT BE FIELD ADJUSTED. ROOT BARRIERS
SHALL BE INSTALLED WHERE TREES AND PALMS ARE WITHIN
10' OF ANY SIDEWALK, HARDSCAPE ELEMENT OR PARKING
AREA. SEE DETAIL SHEET L-3

CONTRACTOR SHALL REFER TO SHEET L-3 FOR ALL
PLANTING DETAILS AND SPECIFICATIONS AS WELL AS PROPOSE
MATERIAL SPECIFICATIONS

A PRE-CONSTRUCTION MEETING WITH THE DANIA BEACH CITY
LANDSCAPE CONSULTANT IS REQUIRED PRIOR TO LANDSCAPE
ACTIVITY INCLUDING THE REMOVAL OF TREES OR INSTALLATION
OF PLANT MATERIAL. CONTACT DANIA BEACH COMMUNITY
DEVELOPMENT DEPT. 954-624-6805 A MIN. 5 DAYS PRIOR TO
DESIRED START DATE TO SCHEDULE MEETING.

NORTH

NOTES:
CONTRACTOR SHALL DO OWN MATERIAL TAKE OFF FROM FROM THE PLANS.
CONTRACTOR SHALL FIELD VERIFY LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR
TO STARTING WORK. ALL TREES/PALMS SHALL MAINTAIN A MIN. 5' SEPARATION.
CONTRACTOR SHALL RE-SOD/MULCH ALL AREAS IN POOR CONDITION OR DAMAGED
BY CONSTRUCTION.
CONTRACTOR SHALL REPLACE ANY EXISTING LANDSCAPE MATERIALS IN POOR CONDITION
OR DAMAGED BY CONSTRUCTION
CONTRACTOR SHALL ADJUST,REPAIR OR REPLACE ANY IRRIGATION EQUIPMENT
DAMAGED BY CONSTRUCTION.
REFER TO SHEET IR-1 FOR IRRIGATION LAYOUT WITHIN LIMITS OF WORK

REFER TO SHEET L-2 FOR EXISTING TREE/PALM INFORMATION
REFER TO SHEET L-3 FOR PLANTING DETAILS AND SPECIFICATIONS AND PRPOSED PLANT
LIST

LA 6666695 ISA 0829A
1016 NE 45th street
OakLand park, FL 33334
tel 954-563-4071
954-563-1047
e: mlagroupinc@yahoo.com,
mlagroupinc.com,
Landscape architecture

REVISIONS:
DRC rev 11-5-19

SHEET TITLE:
LANDSCAPE PLANTING PLAN

PROJECT:
AVID HOTEL
321 N. FEDERAL HWY.
DANIA BEACH, FL

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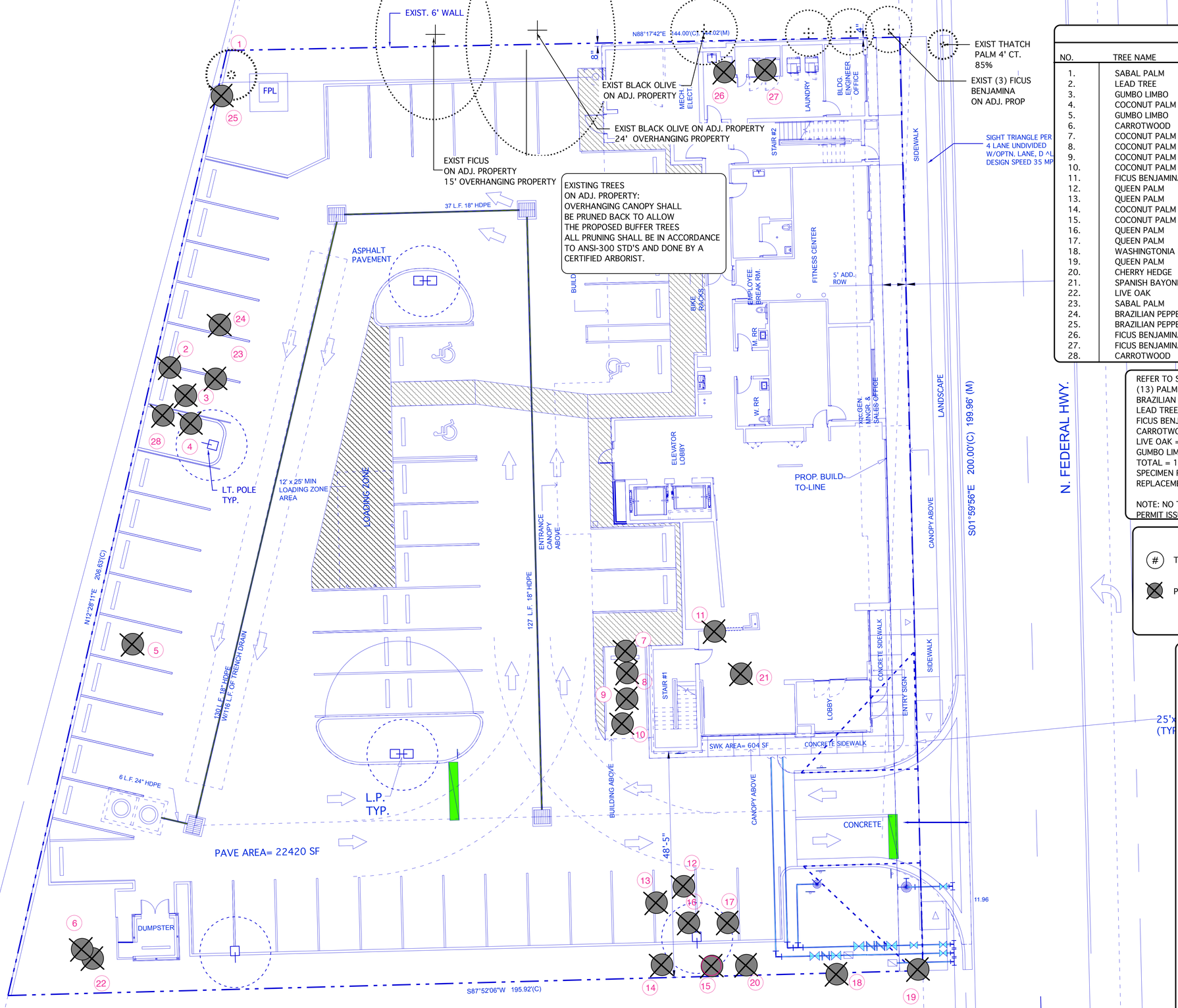
SEAL:

SCALE: 1"=10'

DATE DRAWN: 9-19-19

SHEET NO.
L-1
OF-3

DRC rev 11-5-19



EXISTING TREE INVENTORY

NO.	TREE NAME	SIZE (HT. X SPR.) DBH.	CONDITION	DETERMINATION	CANOPY SF.
1.	SABAL PALM	18" DBH. 10 CT.	78%	REMAIN	
2.	LEAD TREE	6.7" DBH. 18'X12'	75%	REMOVE/MITIGATE	
3.	GUMBO LIMBO	20'X20' 23" DBH.	70%	REMOVE/MITIGATE	SPECIMEN
4.	COCONUT PALM	8" 16' CT.	75%	REMOVE/MITIGATE	
5.	GUMBO LIMBO	9" DBH. 18'X15'	70%	REMOVE/MITIGATE	225
6.	CARROTWOOD	17" DBH. 16'X18'	60%	REMOVE/MITIGATE	324
7.	COCONUT PALM	8" DBH. 20' CT.	70%	REMOVE/MITIGATE	
8.	COCONUT PALM	6" DBH. 16' CT.	70%	REMOVE/MITIGATE	
9.	COCONUT PALM	6" DBH. 24' CT.	70%	REMOVE/MITIGATE	
10.	COCONUT PALM	8" DBH. 11' CT.	65%	REMOVE/MITIGATE	
11.	FICUS BENJAMINA	10" DBH. 16'X25'	50%	REMOVE/MITIGATE	625
12.	QUEEN PALM	6" DBH. 10' CT.	60%	REMOVE/MITIGATE	
13.	QUEEN PALM	10" DBH. 10' CT.	50%	REMOVE/MITIGATE	
14.	COCONUT PALM	10" DBH. 20' CT.	70%	REMOVE/MITIGATE	
15.	COCONUT PALM	12" DBH. 16' CT.	72%	REMOVE/MITIGATE	
16.	QUEEN PALM	7" DBH. 14' CT.	50%	REMOVE/MITIGATE	
17.	QUEEN PALM	10" DBH. 12' CT.	60%	REMOVE/MITIGATE	
18.	WASHINGTONIA PALM	14" DBH. 14' CT.	65%	REMOVE/MITIGATE	
19.	QUEEN PALM	12" DBH. 12' CT.	75%	REMOVE/MITIGATE	
20.	CHERRY HEDGE			REMOVE	
21.	SPANISH BAYONET			REMOVE	
22.	LIVE OAK	3.5" DBH. 18'X10'	40%	REMOVE/MITIGATE	100
23.	SABAL PALM	SPROUT		REMOVE	
24.	BRAZILIAN PEPPER	14'X18'		REMOVE/MITIGATE	324
25.	BRAZILIAN PEPPER	14'X18'		REMOVE/MITIGATE	324
26.	FICUS BENJAMINA	8" DBH. MULTI 16'X12'	40%	REMOVE/MITIGATE	144
27.	FICUS BENJAMINA	12" MULTI 16'X14'	40%	REMOVE/MITIGATE	196
28.	CARROTWOOD	2" DBH. 12'X10'	70%	REMOVE/MITIGATE	100

REFER TO SHEET L-1 FOR MITIGATION TREES PROVIDED
(13) PALMS TO BE REMOVED = 13 REQUIRED
BRAZILIAN PEPPER 648 X.25 X.25 = 162 SF.
LEAD TREE 144 X .25 = 36 SF.
FICUS BENJAMINA 965 SF.
CARROTWOOD 424 X .25 = 106 SF.
LIVE OAK = 100 SF.
GUMBO LIMBO = 225
TOTAL = 1,594 SF/500 = 4 CLASS 1A TREES REQUIRED (SEE SHEET L-1)
SPECIMEN REMOVAL OF # 3 GUMBO LIMBO 23"
REPLACEMENT VALUE = $800 X 2.7 X 3 X .75 X .5 = $2,430.00

NOTE: NO TREES SHALL BE REMOVED OR RELOCATED WITHOUT A TREE REMOVAL PERMIT ISSUED BY THE CITY OF DANIA BEACH.

DRC rev 11-5-19

LEGEND

- (#) TREE NO.
- PALM TO REMOVE
- EXISTING CANOPY TREE TO REMAIN
- EXISTING PALM TO REMAIN

RELOCATION / TRANSPLANTING NOTES

All relocated trees less than 9" (measured 12" above grade) shall be relocated using a 90" tree spade by an operator experienced and trained in this area. The Landscape Architect will supply a list of local companies capable of this type of work upon request. Contractor is responsible to root prune trees a min. of 6 weeks prior to relocation.

Trees larger than 9" cal. (measured 12" above grade) shall be root pruned by hand by a certified arborist.
Live Oaks shall be root pruned a min of 12 weeks in prior to relocation.
Landscape Architect's approval and special relocation specifications shall be required if root pruning 12 weeks prior to relocation is not possible.
No species of tree shall be moved with less than 6 weeks between root pruning and relocation.
Trees larger than 9" (measured 12" above grade) shall be relocated by means of a crane by a company experienced and trained in this area. The Landscape Architect will supply a list of local companies capable of this type of work upon request.

It is the contractor's responsibility to install 2 temporary irrigation systems to cover each of the trees scheduled to be relocated. This includes the water and power source. Each shade tree shall have two flood bubblers within a soil berm around the rootball. Each palm shall have one flood bubbler within a soil berm around the rootball.

A. One system shall be installed prior to tree relocation. Each tree scheduled to be relocated shall be irrigated immediately following root pruning. Trees not scheduled for root pruning shall be irrigated at the same time and by the same method as root pruned trees.
B. A second system irrigating each relocated tree shall be installed immediately following relocation.
Both of these systems will irrigate on a schedule determined by those responsible for the relocation of the trees, and in consideration of tree species and soil type.

Installation of relocated trees shall also adhere to all details and specifications applicable to nursery stock.

PALM RELOCATION NOTE:
RELOCATED PALMS WILL NOT REQUIRE ROOT PRUNING, HOWEVER THE ROOT BALL SHALL BE DUG A MIN. OF 4' IN DIAMETER. CONTRACTOR SHALL ENSURE HAND WATERING DAILY FOR A PERIOD OF 2 WEEKS. REFER TO SHEET L-3 FOR PALM GUYING DETAIL.

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954-963-1047
e. mlagroupinc@yahoo.com
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landscape architecture

REVISIONS:
DRC rev 11-5-19

SHEET TITLE:
EXISTING TREE DISPOSITION PLAN

PROJECT:
AVID HOTEL
321 N. FEDERAL HWY.
DANIA BEACH, FL.

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SEAL:

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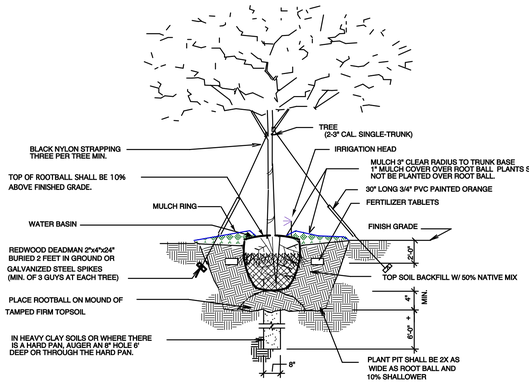
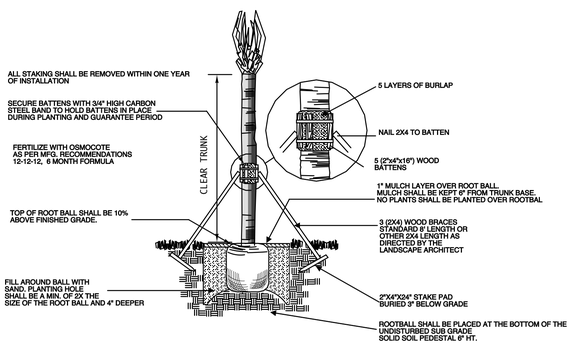
DATE DRAWN: 9-19-19

SHEET NO.
L-2
OF-3



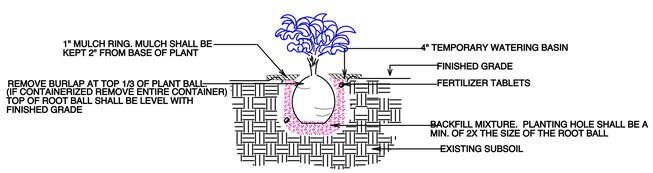
SINGLE TRUNK GUYING AND PLANTING DETAIL

NOT TO SCALE



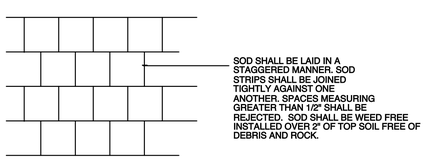
SABAL PALM PLANTING DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

NOT TO SCALE



SOD PLANTING DETAIL

NOT TO SCALE

11-5-19

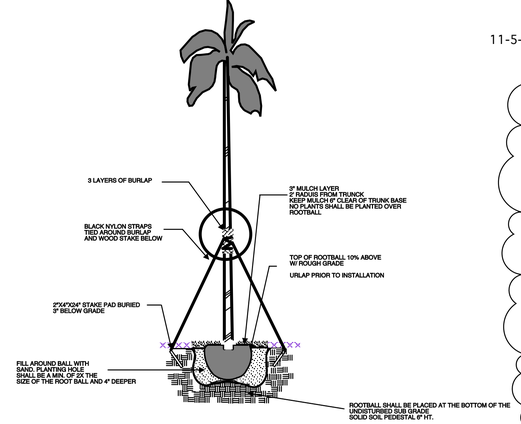
MASTER PLANT LIST

KEY	PLANT NAME	SPECIFICATION	QUANTITY
BAM	BAMBUSA SPP. CONSULT LANDSCAPE ARCH. FOR SPECIES. CLUMPING VARIETY	CLUMPING VARIETY 10' OA. MIN. 5 STEMS FULL CANOPY MEDIUM DROUGHT TOLERANCE	3
CHC7	"CHAMAEDOREA CATARCTARUM, "CAT PALM"	36" X 30" SPR. FULL MEDIUM DROUGHT TOLERANCE	14
CIR7	CHRYSOBALANUS ICACO COCOPLUM HEDGE	36" X 24" SPR. 24" O. C. FULL TO GROUND, NATIVE MEDIUM DROUGHT TOLERANCE	25
FA7	FICUS MACLELLANDII "ALII"	36" HT X 24" SPR. 24" O.C. HIGH DROUGHT TOLERANCE	14
FM3	FICUS MICROCARPA GREEN ISLAND FICUS	12" X 15" SPR. 18" OC. MEDIUM DROUGHT TOLERANCE	118
HP3	HAMEILIA VIRGINIANA FIRE BUSH	24"X 24" 24" OC NATIVE MEDIUM DROUGHT TOLERANCE	145
HSL3	HYMENOCALLIS LATIFOLIA SPIDER LILY	12" X 12" FULL TO POT 18"O.C. NATIVE HIGH DROUGHT TOLERANCE	30
JPA3	JUNIPERUS PARSONII PARSONS JUNIPER GROUND COVER	12"X15" SPR. 18" O.C. HIGH DROUGHT TOLERANCE	80
MUC3	MUHLENBERGIA CAPILLARIS MUHLY GRASS	12" X 15" SPR. 15"-18" O.C. NATIVE HIGH DROUGHT TOLERANCE	225
PTV3	PITTOSPORUM T. VARIEGATA VAR. PITT	20" X 20" SPR. MIN. 24" O.C. MEDIUM DROUGHT TOLERANCE	80
SA1	SEASONAL COLOR TO BE SELECTED BY LA AT TIME OF INSTALLATION	6"-8" O.C FULL TO POT SOLID COLOR 1 GAL. 6-8" O.C.	500
SOD	ST. AUGUSTINE FLORITAM	CONTRACTOR TO VERIFY QUANTITY SHADE/SUN	
FAK	TRIPSACUM DACTYLOIDES FAKAHATCHEE GRASS	24" X 24" 24" O.C. NATIVE HIGH DROUGHT TOLERANCE	65
VA7	VIBURNUM ' AWABUKI'	4' X 36" 36" O.C. HIGH DROUGHT TOLERANCE	26

MASTER PLANT LIST

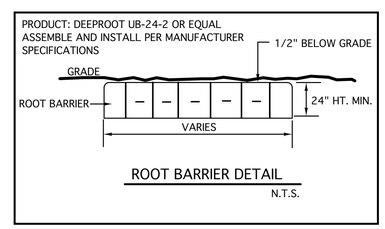
KEY	PLANT NAME	SPECIFICATION	QUANTITY
BS16	BURSERA SIMARUBA GUMBO LIMBO	16' X 8' SPR. 6' CT MIN. 3.5" DBH. B&B FG NATIVE HIGH DROUGHT TOLERANCE	1
CO14	CHRYSOPHYLLUM OLIVIFORME SATIN LEAF	14' X6' SPR 2.5" DBH.. 5' CT. B&B NATIVE HIGH DROUGHT TOLERANCE	7
CLR14	CLUSIA ROSEA PITCH APPLE / SIGNATURE TREE	14' X 6' SPR. B&B 2.5" DBH. 5' CT. NATIVE HIGH DROUGHT TOLERANCE	4
LI12	LAGERSTROEMIA INDICA CREPE MYRTLE 'NATACHEZ'	12' X 6' SPR. 2" DBH. 4.5' CT. B&B SINGLE TRUNK HIGH DROUGHT TOLERANCE	1
QV16	QUERCUS VIRGINIANA SOUTHERN LIVE OAK	16' HT. X 6' SPR., 6' C.T., 3" DBH .B&B NATIVE HIGH DROUGHT TOLERANCE	1
SP3	SABAL PALMETTO SABAL PALM	16-20' OA. 12" DBH. MIN. B&B SMOOTH TRUNKS NATIVE HTS NURSERY GROWN ONLY	9
VM14	VEITCHIA MONTGOMERYANA MONTGOMERY PALM	10-12' CT. SINGLE TRUNK HTS. 3-4" DBH MATCH HTS. HIGH DROUGHT TOLERANCE	6

11-5-19



SMALL PALM PLANTING DETAIL

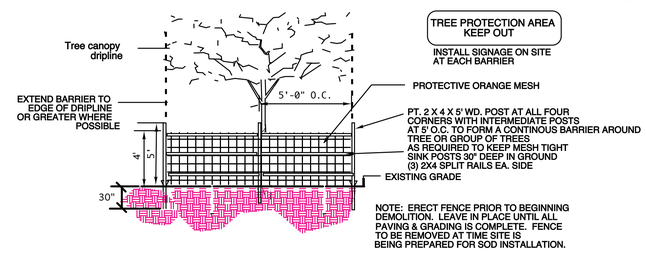
NOT TO SCALE



ROOT BARRIER DETAIL

N.T.S.

NOTE: TREE PROTECTION BARRIER SHALL BE INSTALLED ON ALL TREES TO REMAIN ON SITE PRIOR TO STARTING WORK ON SITE. BARRIER SHALL REMAIN IN PLACE UNTIL CONSTRUCTION HAS BEEN COMPLEED. CONTRACTOR SHALL TAKE EXTRA CARE DURING EARTHWORK AND UTILITY OPERATIONS TO PROTECT ALL EXISTING TREES AND SHALL BE RESPONSIBLE TO REPLACE ANY TREES DAMAGED DURING CONSTRUCTION



TREE PROTECTION/TEMPORARY BARRIER DETAIL

NOT TO SCALE

11-5-19

CITY OF DANIA BEACH LANDSCAPE NOTES

1. A pre-construction meeting with the Dania Beach City Arborist is required prior to landscaping activities including removal of trees and/or installation of plant material. Call 954-924-0423 a minimum of 5 days prior to desired start date to schedule pre-construction meeting.
2. All existing trees proposed to remain are to be separated from the limits of disturbance of the construction area by tree protection fencing and signage. The tree protection fencing shall be located at the edge of the tree protection zone as depicted on the plan or at the edge of the drip-line(s) if a tree protection zone is not designated. No material storage or construction access is permitted within the tree protection zone.
3. All existing trees shall be pruned to ANSI A-300 standards to correct potential hazards.
4. A tree removal permit is required prior to removal or relocation of any tree or palm. Contact the Dania Beach City Arborist at 954-924-6805 to obtain permit information.
5. Landscape contractor shall notify Sunshine One Call of Florida, Inc. at 1-800-432-4770 a minimum of 2 full business days prior to digging. Landscape contractor is responsible for avoiding damage to utilities from plant installation.
6. Tree relocations:
a. Existing trees to be relocated shall be root pruned a minimum of 120 days prior to relocation
b. Minimum root ball sizes shall be in accordance with ANSI standards as follows:
Caliper Minimum Root Ball Diameter
1 16
2 24
3 32
4 42
5 54
6 60
7 70
8 80
> 8 12 inches per inch of trunk diameter
Transplanted trees with undersized root balls may be rejected by the City Arborist and replacement trees may be required.
c. A temporary irrigation system shall be provided during and for the first 40 days after root pruning.
7. All planting must follow planting specifications and details shown on the plan.
8. Substitutions of plant species or specifications must be approved in writing by the Dania Beach City Arborist prior to use.
9. All plant material planted per this landscape plan shall be Florida Grade #1 or better, as specified in the current edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants. Damaged plant material shall be rejected and replaced prior to installation.
10. All sizes shown for plant material are to be considered minimums.
11. Where quantities and/or species differ between the planting plans and plant lists, the plans shall take precedence
12. All new plant material shall be warranted by the landscape contractor for a minimum period of one year.
The warrantee period shall begin after acceptance of the plants by the City Arborist.
13. All plant beds to be treated with pre-emergent herbicide prior to planting.
14. All tree and palm staking and support shall be removed one year after installation.
15. No fertilizer shall be applied to newly planted trees and palms.
16. All landscape material shall be thoroughly watered at the time of planting, no dry planting permitted.
17. Landscape contractor shall be responsible for providing temporary water provisions until such time as the irrigation system is operational.
18. All wire guys and/or fabric straps shall be flagged with florescent colored tape.
19. Mulching:
a. All landscape areas not covered by sod shall be covered by a minimum 3-inch layer of mulch.
b. A mulch ring with a minimum radius of 24 inches (48 inch diameter), is required around all newly installed trees and palms.
c. Cypress mulch shall not be used.
20. All new landscaped areas shall be excavated down to a depth of 24 inches below final grade and back filled with clean debris-free soil. Construction access shall be restricted from the landscape area after excavation and backfill is complete.
21. All landscape areas shall be finish graded such that they are a minimum of 3.5 inches below surrounding paved surfaces so as not to impede the flow of drainage into landscaped areas and to allow for a 3-inch mulch layer.

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954-763-1047
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landscape architecture

REVISIONS:
DRC rev 11-5-19

SHEET TITLE:

LANDSCAPE DETAILS AND SPECIFICATIONS

PROJECT:

AVID HOTEL
321 N. FEDERAL HWY.
DANIA BEACH, FL.

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SEAL:

SCALE: 1"=10'

DATE DRAWN: 9-19-19

SHEET NO.

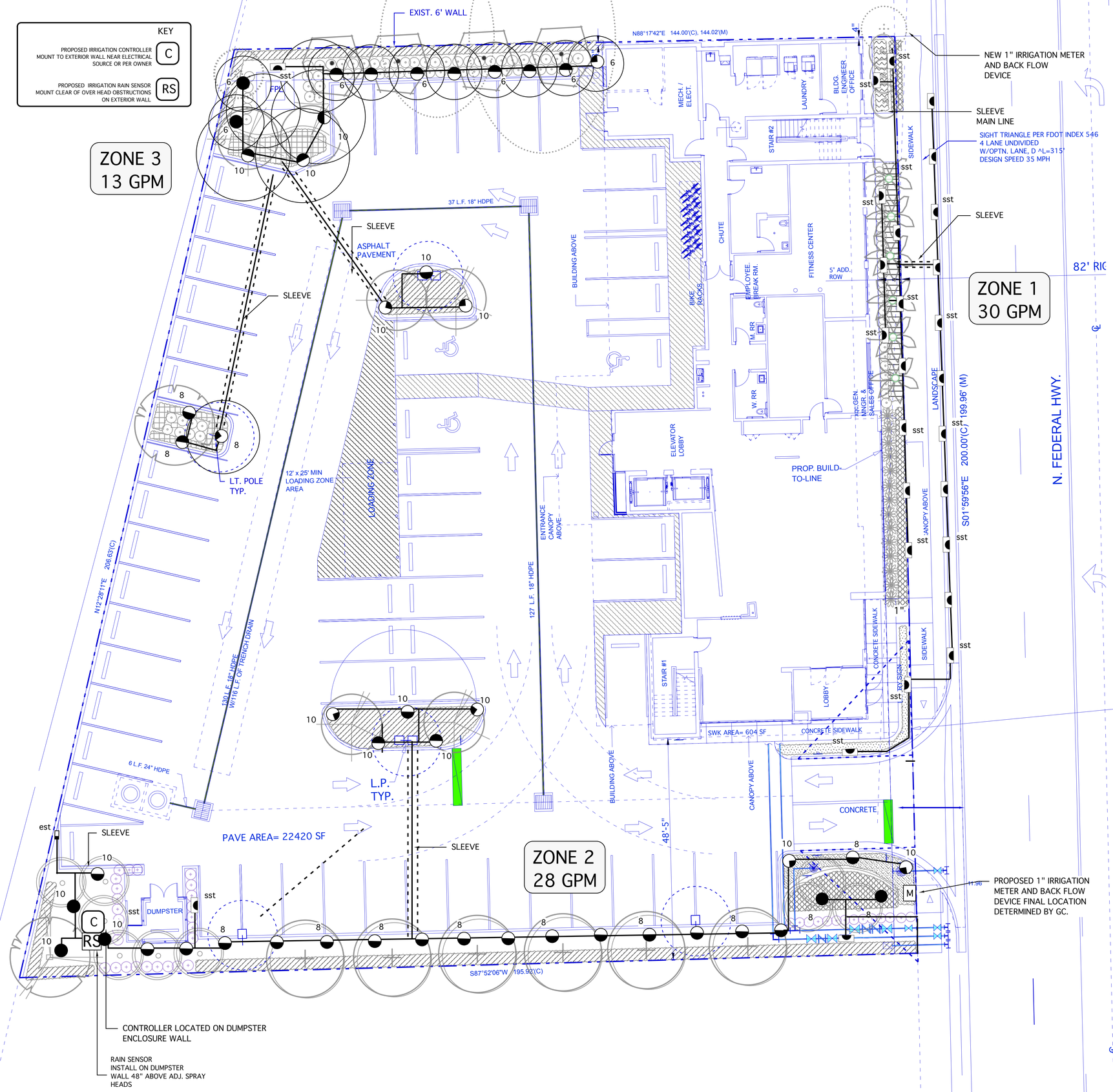
L-3

OF-3

KEY

PROPOSED IRRIGATION CONTROLLER MOUNT TO EXTERIOR WALL NEAR ELECTRICAL SOURCE OR PER OWNER — C

PROPOSED IRRIGATION RAIN SENSOR MOUNT CLEAR OF OVER HEAD OBSTRUCTIONS ON EXTERIOR WALL — RS



NOTE:
ANY IRRIGATION EQUIPMENT SHOWN OUTSIDE OF PROPERTY LINES IS FOR GRAPHIC CLARITY ONLY. ALL EQUIPMENT SHALL BE INSTALLED WITHIN THE PROPERTY LINES AND WITHIN LANDSCAPED AREAS WHEREVER POSSIBLE
THE IRRIGATION DESIGN IS DRAWN FROM THE INFORMATION SUPPLIED FROM THE SITE PLAN REFLECTING THE BEST REPRESENTATION OF THE PLANNED SPACE.
THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ALL LANDSCAPED AREAS WILL RECIEVE 100% IRRIGATION COVERAGE WITH 50% OVERLAP. SHOULD DISCREPANCIES ARISE IN THE FIELD THE CONTRACTOR SHALL ADJUST EQUIPEMENT ACCORDINGLY.

THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR ANY DAMAGE DONE TO THE LANDSCAPING AS A RESULT OF IRRIGATION INSTALLATION TO EQUAL OR BETTER CONDITION.

CONTACTOR SHALL VERIFY LOCATION OF EXISTING METER AND BACKFLOW PREVENTOR AND UPGRADE TO NEW SYSTEMS REQUIREMENTS AS NECESSARY .

ALL EQUIPEMENT SHALL BE INSTALLED PER THE LATEST SOUTH FLORIDA BUILDING CODE APPENDIX F.

THERE SHALL BE NO MACHINE TRENCHING WITHIN THE DRIPLINE OF EXISTING TREES.
ALL TRENCHES SHALL BE HAND DUG WITHIN THESE AREAS.
CONTRACTOR SHALL REFER TO LANDSCAPE PLAN FOR PROPOSED AND EXISITNG MATERIALS.

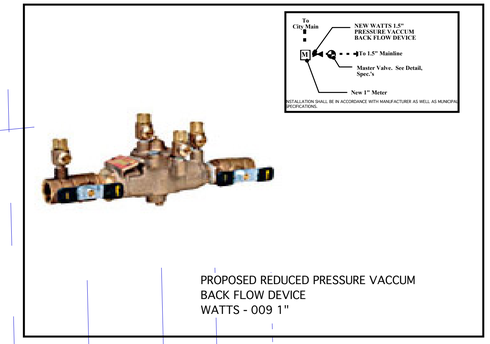
CONTRACTOR SHALL VERIFY THE LOCATIONS OF EXISTING OR PROPOSED UTILITIES PRIOR TO STARTING WORK. CONTRACTOR SHALL ADJUST EQUIPMENT WHERE NECESSARY TO AVOID CONFLICTS.

KEY	
	VALVE
	SPRAY,360°
	SPRAY, 180°
	SPRAY, 90°
	SIDE STRIP
15	15' NOZZLE
12	12' NOZZLE
10	10' NOZZLE
8	8' NOZZLE
6V	6' NOZZLE

PIPE SLEEVING SCHEDULE

PIPE SIZE	SLEEVE SIZE
1"	2"
1 1/4"	2"
1 1/2"	3"
2"	4"
2 1/2"+	6"

NOTE: CONTRACTOR SHALL FIELD VERIFY ALL LANDSCAPE AREAS ARE IRRIGATED WITH 100% COVERAGE WITH 50% OVERLAP. CONTRACTOR MAY ADD, REMOVE OR RELOCATE HEADS TO ACCOMODATE SITE CONDITIONS THAT MAY VARY FROM THE PLANS. CONTRACTOR SHALL MINIMIZE IRRIGATION SPRAY ONTO HARDSCAPE SURFACES, STRUCTURES, UTILITIES AND FENCING. CONTRACTOR SHALL USE SPRAY RISERS WHERE NECESSARY WITHIN LARGE SHRUB BEDS. CONTRACTOR SHALL SLEEVE ALL PIPING PROPOSED UNDER HARDSCAPE SURFACES IE. SIDEWALKS, PAVERS CONC. OR ASPHALT.



PROPOSED REDUCED PRESSURE VACCUM BACK FLOW DEVICE
WATTS - 009 1"

NORTH

SCALE: 1/16"=1'-0"

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REVISIONS:

SHEET TITLE:
SCHEMATIC IRRIGATION PLAN

PROJECT:
AVID HOTEL
321 N. FEDERAL HWY.
DANIA BEACH, FL.

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SEAL:

SCALE: 1"=10'

DATE DRAWN: 8-27-16

SHEET NO.
IR-1
OF-2

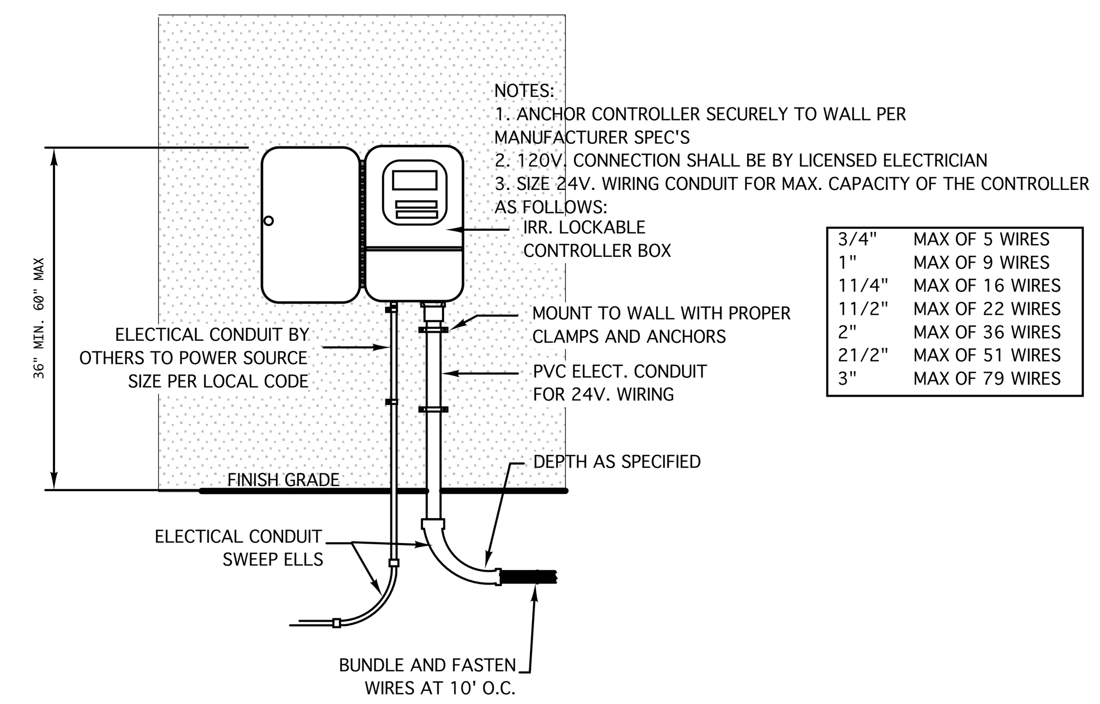
IRRIGATION MASTER KEY

KEY	NO.	CODE	ITEM DESCRIPTION	INSTALLATION SPEC.
		SLV LINE NOTE	**SLEEVES** IN THIS CONTRACT Sleeves under roadways and driveways shall be SCH-40 Sleeves under sidewalks can be CLASS 160 PVC Install as per details and specifications.	Each sleeve shall be a minimum of two sizes larger than lateral pipe enclosed and each crossing shall include separate electrical conduit sleeves. All sleeves under pavement or roads shall be a minimum of 18" below the top of paving to the top of the sleeve and under walks at 12" below grade. Irrigation contractor shall supply and place sleeves, and be responsible for their locations. Sleeving shall be installed at the most logical locations to avoid underground utilities and structures. Sleeving locations shall be considered shematic on irrigation plans. The GC shall backfill and pave as required. No rock shall be in contact with PVC sleeves. All Asphalt base compaction and paving shall be made by the Paving Contractor on the job.
C	00C17	CON	**IRRIGATION CONTROLLER** **RAINBIRD ESP 6 OR EQUAL** Electromechanical controller. Add zone modules as needed. Controller will be installed as part of the pump station wihin pump enclosure. Contractor shall provide electrical service to pump station. Electrical hook-up provided by GC's electrician on site. Irrigation Contractor to coordinate with GC / Electrician.	Contractor shall mark stations on the controller panel to correspond with the zone numbers on this plan and set operating sequence to correspond with the numbering.
		CONTR NOTE	IRRIGATION CONTRACTOR **UTILITIES** ABOVE AND BELOW GROUND.	Contractors shall be responsible for the location and verification of all overhead and underground utilities. Contractor shall coordinate with all of the appropriate agencies to verify utilities in the field. Contractor shall be responsible for the protection and maintenance and any damage to existing utilities and structures that may occur in the implementation of the scope of work within this project. CONTRACTORS MUST USE THE NEW STANDARD SCHEDULE OF COLORS DESIGNATED FOR MARKINGS ON THE GROUND 1994 edition
X	00V11	VALVE BOX	**RAINBIRD PURPLE VALVE COVER BOX** VBOX - VB-7RND **PURPLE LID**	All valve assemblies to be installed below grade shall include valve boxes with a 2" layer of drainage gravel as clean dry ballast for a bottom. Install top of box flush with surrounding grade, grass or mulch depending on location. Group valve assemblies so they are accessible with the correct size box. Any substitutions must be approved by landscape architect by providing sample or product information for review and written approval.
	70A	Head	**RAINBIRD 1800 SERIES, XP and VAN SERIES** 1806-PRS 6" POP-UP 3/4 HDS FULL **Low Gallon Nozzles** 1/4 HDS 1/2 HDS HEADS 6', 8',10',12',15' Raduis **RAINBIRD SPECIAL PATTERN SERIES** **SST**	All heads in tall shrub beds shall be mounted on sch. 160 12" risers painted flat black Contractor shall adjust head spray to eliminate over spray of water onto structure walls, driveways, and utilities and walkways.
		HEAD NOTE	**GENERAL HEAD NOTE** **ALL HEAD LOCATIONS SHOWN ON PLANS ARE SCHEMATIC**	Contractor to maintain 100% coverage with minimum 50% overlap when minor head location changes are necessary due to field conditions. Install adjustable angle nozzles where needed."All heads in open grass areas to be mounted on polypipe swing joints. Heads in shrub areas shall be installed on SCH 160 risers raised to 6" above plant height, and with PVC SCH 160 swing joint assemblies below grade. Risers taller than 24" above grade shall be staked for support. All risers shall be fitted with shrub adapters and appropriate nozzles. All risers shall be painted with Krylon Jungle Green or equal.
RS X		RAIN sensor	**"MINI CLIK"** RAIN SENSOR MODEL 502 INSTALL IN LOCATION UNOBSTRUCTED BY OVERHEAD CANOPY TO BE INSTALLED BY IRRIGATION CONTRACTOR IN AN EASILY ACCESSIBLE POSITION	"MINI CLIK" Mount the Mini Clik PER MANUFACTURER'S SPECIFICATIONS. Each system shall have it's own individual rain sensor. Contractor is responsible for a fully operational system from timeclock to location of the sensor.

IRRIGATION MASTER KEY

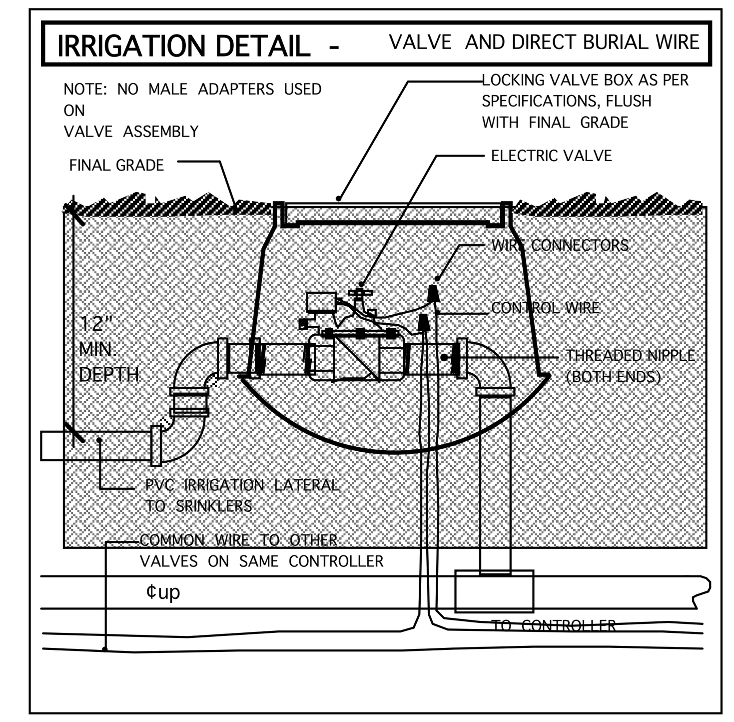
KEY	NO.	CODE	ITEM DESCRIPTION	INSTALLATION SPEC.
	00V1	WIRE LOW VOLT	**Control wires** for 24V Automatic Valves, shall be installed by Irrigation Contractor. Wire shall be sleeved in minimum 1" SCH 40 electrical conduit buried a minimum of 24". Contractor shall run (2) spare control wires and (1) one spare common wire to the furthest ends of system in each direction. Common wire shall be grey or green, while the control wires shall each be a different color..	All irrigation control wires shall be U. L. approved 24V solid copper wire. Wires shall operate 24V automatic sprinkler valves and enter the box from below. Hot and spare wires to be AWG size 14 gauge and common wires to be AWG white size 12 gauge. Number 14 wire to be color coded separately with dark colors. Multi strand cable shall only be used between the controller and the first splice pit and shall not exceed 20 feet. No splices between valves: All splicing shall be done in valve boxes only. All splices made with 3MBDY wire connectors. All valve box locations to be approved by the land. arch. all valve boxes set level w/grade.
	00V1A	MASTER VALVE	**RAINBIRD NON POTABLE VALVES** **V- PESB-R SERIES** **2" valves for zones to GPM volumes 71-170** **1.5" valves for zones to GPM volumes 41-70** **1" valves for zones to GPM volumes btwn 10-40**	All Valves shall be installed in a separate AMETEK valve box . All valve boxes to be placed upon a 2" layer of gravel . All valves assembled with Sch. 80 PVC nipples shall be used in place of male adapters. Top stem of valve assembly to be 6" below cap of valve cover box. This valve shall be used as the job standard. Valve controlling each Zone as well as use as the Master Control Valve for applicable plans. All valve box locations to be approved by the Landscpe Architect. All boxes to be set level with grade.
		PIPE GEN NOTE	**LATERAL PIPE** All New Pipe and Fittings. Size as noted in plans. **ALL PIPE SHALL BE PURPLE PIPE FOR NON POTABLE USE**	3/4" Pipe to be **Class 200.** All other lateral pipe to be **Class 160,** except where ground is rocky; in rocky ground **SCH 40** pipe will be used. **Class 200/160** will be protected on all sides with at least 6" of clean, debris-free builders sand. All laterals to be placed 12" minimum below grade. All lateral pipe under pavement to be sleeved. **No lateral installed shall be less than 3/4".**
		PIPE GEN NOTE	**MAIN & LATERALS** MAINLINE SHALL NOT BE UNDER PRESSURE WHILE THE SYSTEM IS NOT IN OPERATION.	**Unless specifically detailed All PIPING locations shown on plans are schematic .** Contractor to adjust trenching in field for existing conditions, plantings and structures. Install pipes clear of hedge rows and tree rootballs. Irrigation contractor is responsible to adjust lines at his own expense if not coordinated with all other work. All piping shall be bed in clean fill per Florida Building Code 2001 and back fill all trenches free of debris. Mechanical trenchers are acceptable except in drainage swales and utility areas which shall be hand dug and backfilled to original grade. **CONTRACTOR ADJUSTMENTS DOES NOT WARRANT ADDITIONAL COSTS BASED ON BASE BID.**
		PIPE GEN NOTE	**MAIN & LATERALS BACKFILLING**	Ground Level Areas: The sub-contractor shall do all necessary excavating and backfilling required for the proper installation of the work. Minimum depth of cover over piping shall be 12 inches. Backfill material shall be clean fill. If existing material has an excess of rock, then clean sand must be used. In rocky areas, use Sch. 40 PVC, or the trenching depth shall be two inches below normal trench depth to allow for a 2 inch bed of sand below the pipe. There shall be NO rock in contact with PVC pipe. The sub-contractor shall use backfilling equipment that will tamp backfill to its original density. He shall barricade or light the excavation to prevent hazards to the public. Objectionable materials such as old concrete, asphalt, limerock and bricks that are encountered during working operations, shall be removed from the project by the sub-contractor. Sub contractor shall be responsible to locate any above or underground utilities prior to starting work. If utilities are found to be in conflict with the proposed work the Owner or owner's agent shall be notified immediately.
X		MAIN LINE NOTE	**INSTALL NEW 1 1/2" MAIN LINE** ALL MAINLINE PIPE SHALL BE SDR-26 CLASS 160 SOLVENT WELD OR CLASS 200 O-RING PVC PIPE THRUST LINES SHALL BE SDR CLASS 200 FOR 3/4" AND 1" LINES AND SDR 26 CLASS 160 FOR ALL LINES 1-1/4" AND ABOVE 1/2" PIPE SHALL NOT BE USED EXCEPT FOR SHRUBS RISERS AND SHALL THEN BE SCHG-40 PVC. ALL PIPING SHALL BE SIZED SO AS NOT TO EXCEED A VELOCITY OF 5 FPS.	**MAIN LINES LOCATION IS SHOWN SCHEMATICALLY.** Where ever possible, lateral lines are to be buried in common trench with main line. All wires shall be run under mains for protection . All Mains shall be buried at minimum 18" depth. Mains should run deeper at road crossings. All pipe and fitting materials shall be new. All pipe to be cut squarely and burrs removed. All P.V.C. Mainline 4" and larger to be assembled with use of HARCO Gasketed fittings and poured concrete thrust blocks as per man. specifications.
M	00M6	WM	NEW 1" WATER METER AND BACK FLOW DEVICE Meter supplied by County or City. Verify requirements for installation **(if needed)** **Contractor shall install a Backflow Prevention Device and supply appropriate equipment per city requirements if existing equipment does not meet code requirements.**	" See plans for location. Irrigation contractor shall begin at the point of the meter to step up to the size service main called for in plans. If an approved Backflow Prevention Device is not already in place or is not required, the Contractor shall supply and install equipment as required to meet local codes. Install a Brass Gate Valve, size to match meter size, as the beginning of the main to supply the sprinkler system. "

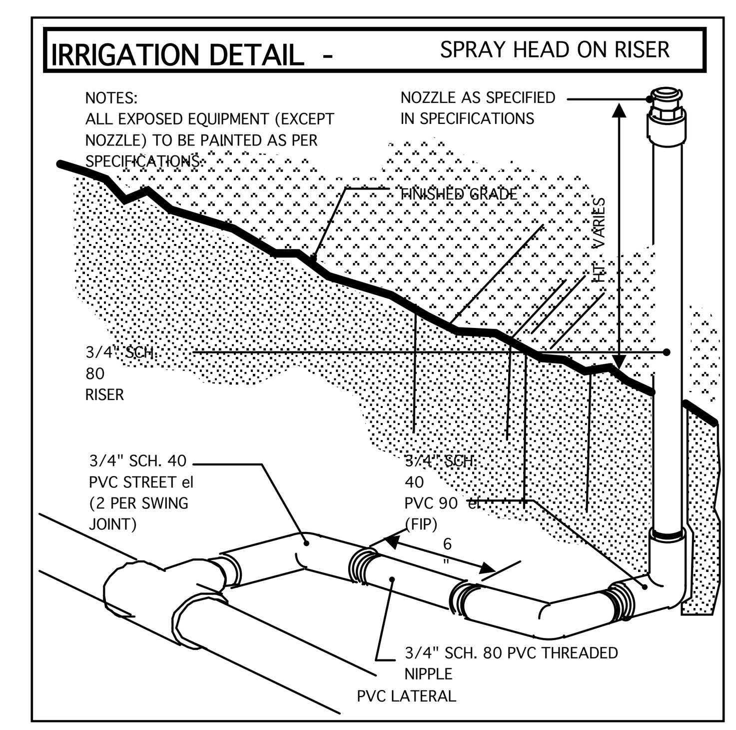
NOTE: IRRIGATION CONTRACTOR SHALL BE RESPOSIBLE TO ADHEAR TO ALL MANUFACTURER'S SPECIFICATIONS, CITY, COUNTY AND OR STATE REGULATIONS FOR INSTALLATION OF IRRIGATION EQUIPMENT.

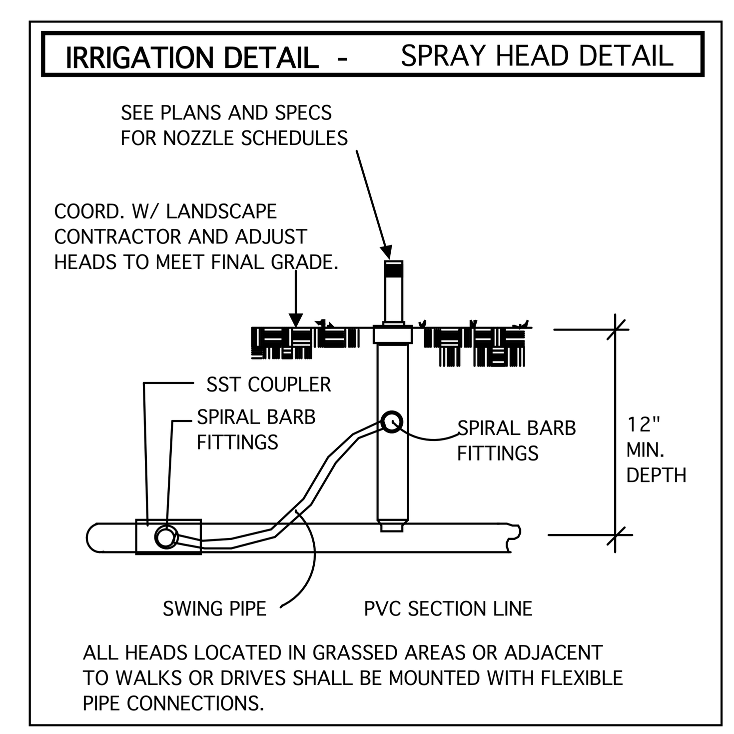


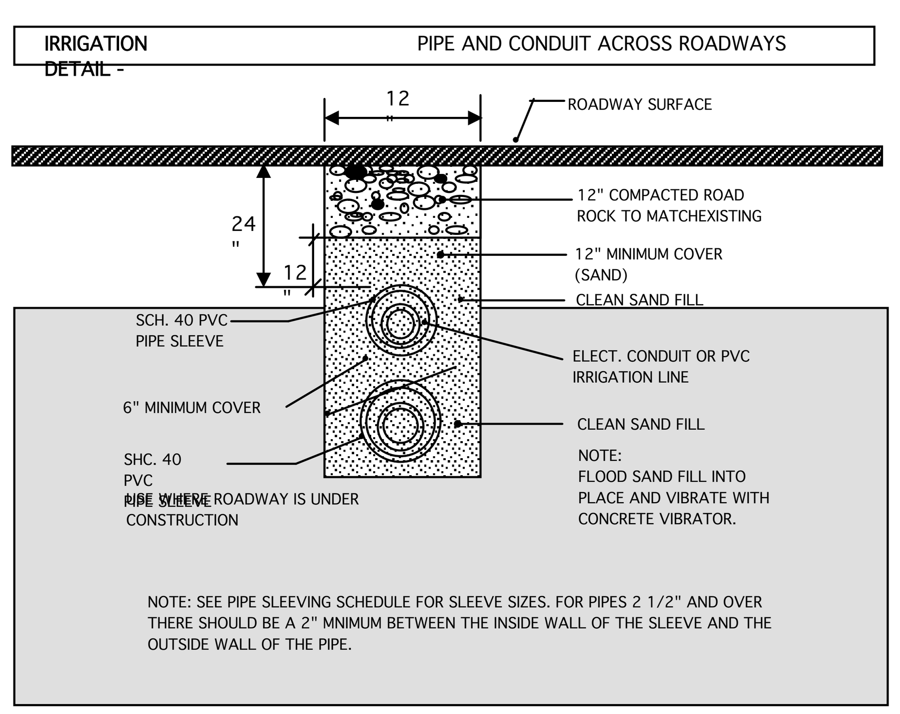
IRRIGATION CONTROLLER MOUNTING DETAIL
N.T.S.

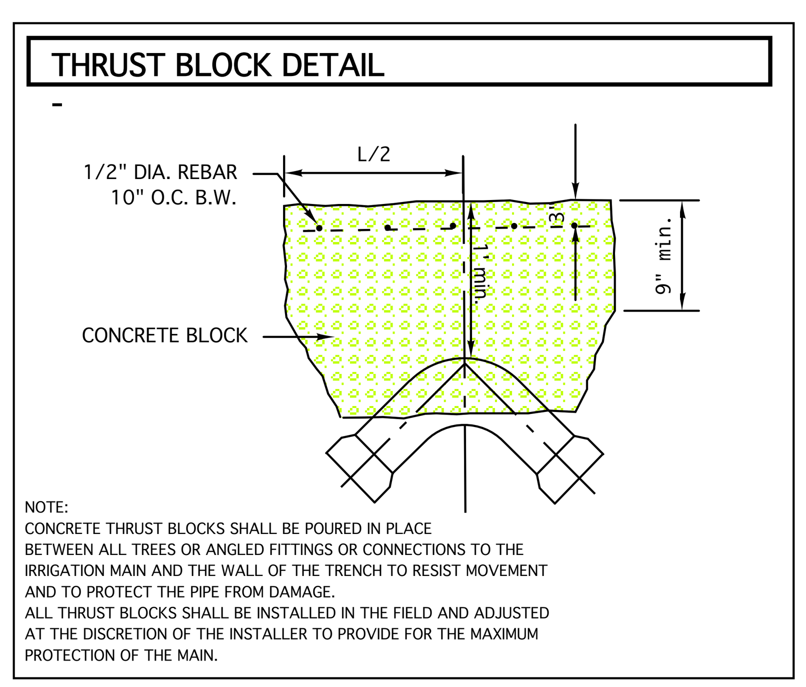
LA-6666695 ISA-0827A
1016 ne 45th street
oakland park, fl. 33334
tel. 954-763-4071
954-763-1047
e - mlagroupinc@yahoo.com
mlagroupinc.com
landscape architecture

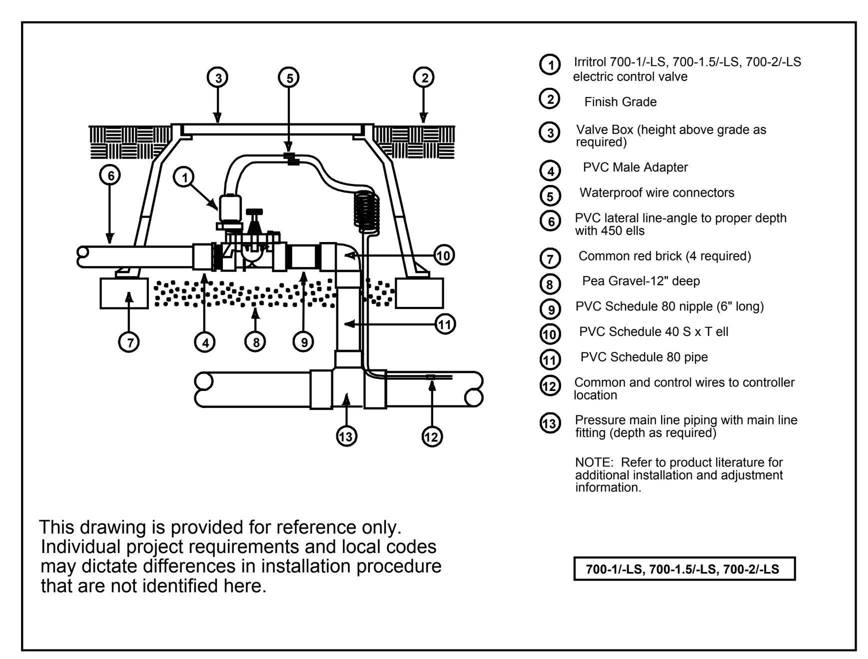












REVISIONS:

SHEET TITLE:

IRRIGATION DETAILS AND SPECIFICATIONS

PROJECT:

AVID HOTEL
321 N. FEDERAL HWY.
DANIA BEACH, FL.

"TO THE BEST OF MY KNOWLEDGE THE PLANS AND SPECIFICATIONS SUBMITTED HEREWITH COMPLY WITH EXISTING INTERPRETATIONS AND PROVISIONS OF THE APPLICABLE BUILDING CODES. THIS DRAWING IS THE PROPERTY OF MLA Group , Inc. AND IS AN INSTRUMENT OF SERVICE AND MAY NOT BE REPRODUCED, SCANNED OR COPIED BY ANY OTHER MEANS IN PART OR IN WHOLE WITHOUT EXPRESS WRITTEN PERMISSION OF SAME" © MLA Group Inc.

SEAL:

DATE DRAWN: 9-19-19

SHEET NO.

IR-2

OF-2

ISO FIRE FLOW CALCULATIONS (PER ISO EDITION 05-2006)

PROJECT: Avid Hotel
ADDRESS: 321 N. Federal Highway, Dania Beach, FL 33004
DATE: 09/25/2019
CONSTRUCTION: TYPE 1B (ISO CLASS 5) FIRE SPRINKLERED

NFF = (C)(O)(1+(X+P))

NFF = NEEDED FIRE FLOW
C = CONSTRUCTION FACTOR
O = OCCUPANCY FACTOR
X = EXPOSURE FACTOR
P = COMMUNICATION FACTOR

1.) CONSTRUCTION FACTOR (C)

$C = 18F(A)^{0.5}$

A = EFFECTIVE AREA F = 0.6 (CLASS 5)

Total Area Under Roof: A = 6,813 SF (1st floor) + 5 x (50%) 8,352 (2nd - 6th floor) = 27,693 SF

THEREFORE: $C = 18(0.6)(27{,}693)^{0.5}$ = **1,797 ~ 1,750 GPM** (rounded to the nearest 250 gpm)
= **438** (75% reduction per automatic sprinklers)

2.) OCCUPANCY FACTOR (O)

O = **1.25** (PER TYPE C5)

3.) EXPOSURE AND COMMUNICATION FACTOR (X+P)

BUILDING INCLUDES AUTOMATIC FIRE SPRINKLER SYSTEM
THEREFORE: X=0 AND P=0

4.) DETERMINING NEEDED FIRE FLOW (NFF)

NFF = (438)(1.25)(1+(0+0)) = 548 GPM ~ 500 GPM (rounded to the nearest 250 gpm)

FLOW PROVIDED

$Q = Q_{measured} \left(\frac{H_{static}-H_{rated}}{H_{static}-H_{residual}}\right)^{0.54} = 839 \text{ GPM} \left(\frac{59\ psi-20\ psi}{59\ psi-53\ psi}\right)^{0.54}$ **= 2,305 GPM**

THE FIRE FLOW CALCULATIONS PERFORMED ON 09/30/2019 YIELDED A RESULT OF **2,305 GPM AT 20 PSI > 500 GPM (NFF); OK.**

NFPA FIRE FLOW CALCULATIONS

PROJECT: Avid Hotel
DATE: 11/06/2019
ENGINEER: TJP

Per NFPA 1 Section 18.4 Fire Flow Requirements for Buildings

Proposed Building Area: **48,573 SF**
Construction Type/Occupancy: **Type 1B**
Auto Fire Sprinkler: **Yes**, therefore a 75% reduction in Fire Flow is allowed (18.4.5.3.2)

Per Table 18.4.5.2.1 Minimum Required Fire Flow and Duration

1,750 gpm is required for 2 hours (Type 1)

Reductions:
Required Fire Flow: 1,750 gpm x (1-0.75) = **438 GPM**

FLOW PROVIDED

$Q = Q_{measured} \left(\frac{H_{static} - H_{rated}}{H_{static} - H_{residual}}\right)^{0.54} = 839 \text{ GPM} \left(\frac{59\ psi - 20\ psi}{59\ psi - 53\ psi}\right)^{0.54}$ **= 2,305 GPM**

THE FIRE FLOW CALCULATIONS PERFORMED YIELDED A RESULT OF **2,305 GPM AT 20 PSI > Required Fire Flow (438 GPM); OK.**

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners & Surveyors
5230 South University Drive – Suite 104
Davie, Florida 33328
Phone (954) 680-6533 Fax (954) 680-0323

November 6, 2019

Mr. Sean Brown, Fire Chief
Broward County Sheriff's Office
Fire Marshal's Office, Dania Beach District
103 W. Dania Beach Boulevard
Dania Beach, FL 33004

Re: Statement of Verification for "Avid Hotel"
321 N. Federal Highway, Dania Beach, FL 33004

Dear Chief Brown,

The proposed water main sizing, fire hydrant spacing, and fire hydrant locations, are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code.

Sincerely
PILLAR CONSULTANTS, INC.

Jay C. Evans

Jay C. Evans, P.E.
President

JAY CORLISS EVANS
LICENSE
No 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

WAYNE
Automatic Fire Sprinklers, Inc.

Pillar Consultants, Inc.
5230 South University Drive
Davie, FL 33328

September 20, 2019

Dear Tommy Prudhomme,

Wayne Automatic Fire Sprinklers, Inc. has conducted a fire flow test for the following project:

Project Name: 321 North Federal Highway
Project Address: 321 North Federal Highway, Dania Beach, FL 33004
Hydrant Location: Hydrant #1 is located in front of the Holiday Inn Express
Fire Hydrants: 1
Test Date: September 16, 2019
The results of this test are:

STATIC PRESSURE:	59 PSI
RESIDUAL PRESSURE:	53 PSI
PITOT PRESSURE (1) HYDRANT FLOWING:	25 PSI
HYDRANT OUTLET COEFFICIENT:	.90
FIRE HYDRANT FLOW:	839 GPM
TIME OF TEST:	7:30 AM

The data contained herein are furnished only to demonstrate the available water supply at the time of hydrant flow test. Fluctuations to pressure and flow will occur due to demands on the system and other conditions beyond the control of Wayne Automatic Fire Sprinklers, Inc., therefore, additional criteria should be considered and additional independent test run to confirm pressures for use in design of any water distribution, sprinkler, or fire protection system.

Additionally, Wayne Automatic Fire Sprinklers, Inc. (WAFS) attests only to the correct use of generally recognized applicable procedures and techniques by experienced, qualified personnel in the execution of the fire flow test. WAFS in no way implies any guarantee as to the repeatability of the pressure/flow as observed and recorded. Neither does WAFS assume any liability for the overall quality of the water source.

Please contact me if you should have any questions.

Thank you,

Jose A. Mendez
SE Service Designer

WATER FLOW TEST CHART

Automatic Fire Sprinklers, Inc.

HYDRANT # AND LOCATION **DATE:** 16-Sep-2019

H1 Next hydrant downstream (south) of flow hydrant in front of Holiday Inn Express (Corner of NE 2nd St and Federal)

H2 Hydrant closest to address: 321 N. Federal Highway, Dania Beach, FL 33004

H3

TEST BY: W.A.F.S. Day or Week: 9/16/2019 TIME OF DAY: 7:30 MIN. OF FLOW: 0.5

WATER SUPPLIED BY: CITY WATER SUPPLY

PURPOSE OF TEST: CUSTOMER REQUEST

DATA

FLOW HYDRANT(S)	H1	H2	H3
SIZE OPENING:	2.5		
COEFFICIENT:	0.9		
PITOT READING:	25		
GPM FLOW:	**839**		0

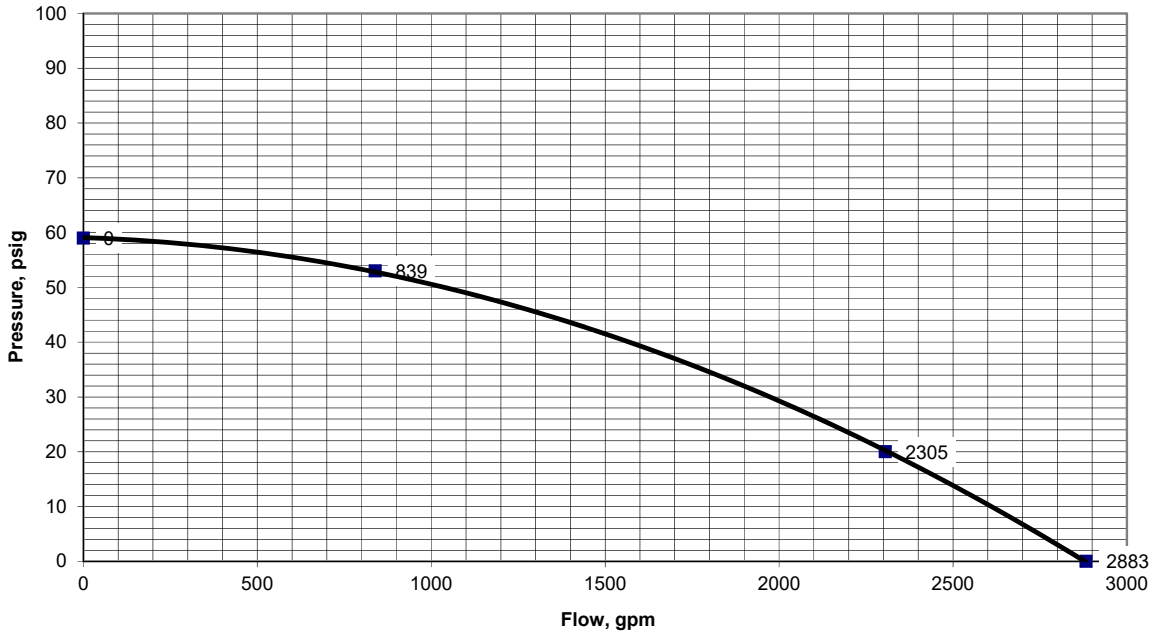
TOTAL FLOW DURING TEST: **839** GPM

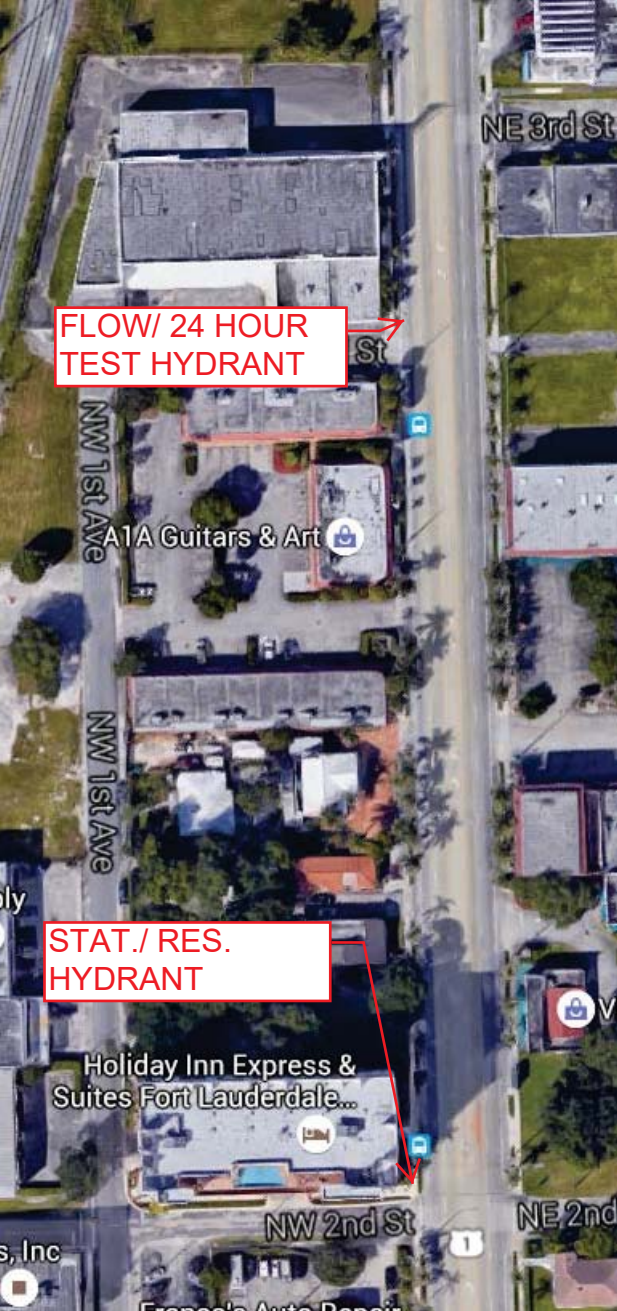
STATIC READING: 59 PSI **RESIDUAL:** 53 PSI

RESULTS: **AT 20 PSI RESIDUAL** **2305** GPM **AT 0 PSI** **2883** GPM

ESTIMATED CONSUMPTION: **419** GAL.

REMARKS:




FLOW/ 24 HOUR
TEST HYDRANT
NE 3rd St
St
NW 1st Ave
A1A Guitars & Art
NW 1st Ave
STAT./ RES.
HYDRANT
Holiday Inn Express &
Suites Fort Lauderdale...
NW 2nd St
NE 2nd
s, Inc

Edward Khoury

From: Sean Walsh
Sent: Friday, November 1, 2019 8:32 AM
To: Jason Wilson; Edward Khoury
Subject: FW: Status of FAA Filing

fyi

Sean Walsh
Vice President of Design

adache group architects
550 S Federal Highway, Fort Lauderdale, FL 33301
t: 954.525.8133 **e:** swalsh@adache.com
www.adache.com | facebook | map

Fifty years of award winning architecture.

From: noreply@faa.gov <noreply@faa.gov>
Sent: Friday, November 1, 2019 7:47 AM
To: Sean Walsh <swalsh@adache.com>
Subject: Status of FAA Filing

Your filing is assigned Aeronautical Study Number(s) (ASN): 2019-ASO-28788-OE, 2019-ASO-31952-OE.

To review your electronic record, go to our website oeaaa.faa.gov and select the Search Archives link to locate your case using the assigned Aeronautical Study Number (ASN).

The FAA verified your filing and an aeronautical study has been initiated. Please allow a minimum 45 days for the FAA to complete the study. Please refer to the assigned ASN on all future inquiries regarding this filing.

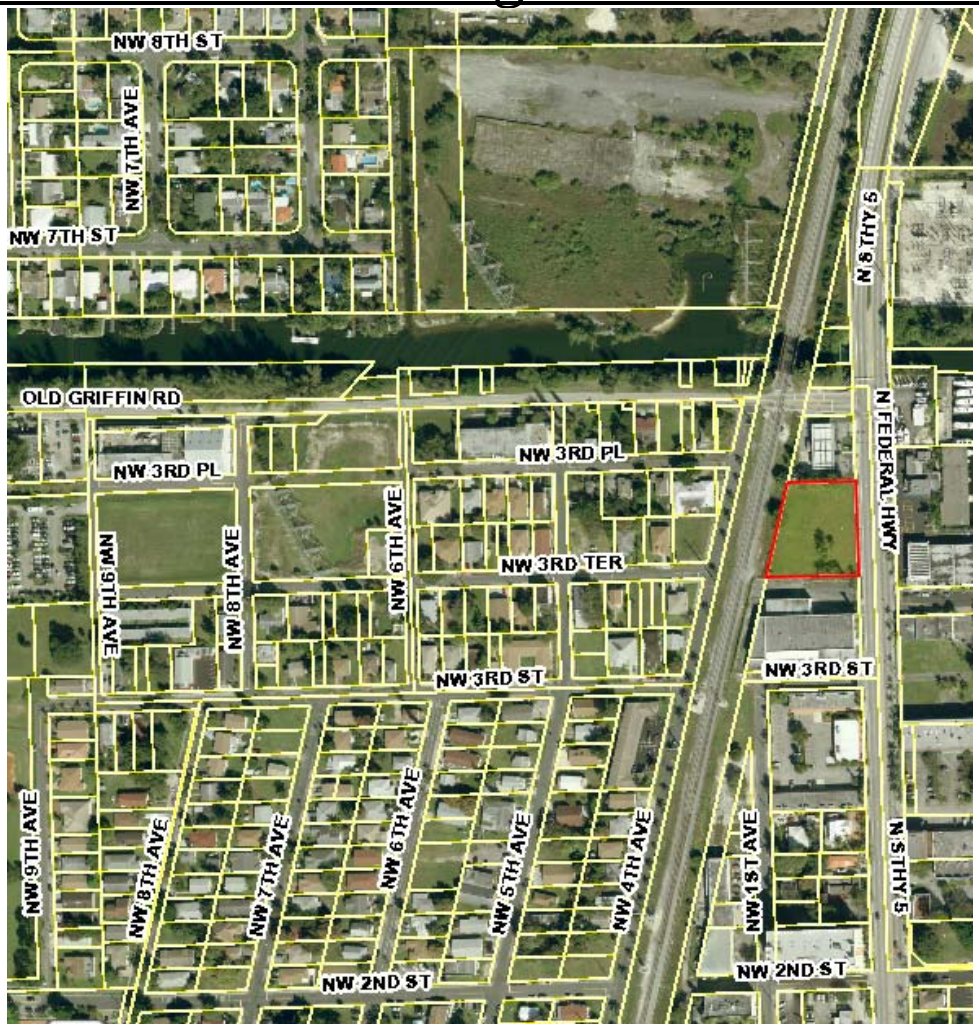
For Wind Turbine proposals only, please ensure Wind Turbine Data as described on the project summary page in your registered e-filing account has been uploaded to your filing.

To ensure e-mail notifications are delivered to your inbox please add noreply@faa.gov to your address book. Notifications sent from this address are system generated FAA e-mails and replies to this address will NOT be read or forwarded for review. Each system generated e-mail will contain specific FAA contact information in the text of the message.

Avid Hotel

City of Dania Beach, Florida

Surface Water Management Calculations



Prepared by

Pillar Consultants, Inc.
5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

11/05/2019
Project No. 150011C

DATE:	11/5/2019		Pre-Development
PROJECT NAME:	Avid Hotel		
PROJECT No.:	15011C		
BY:	PILLAR CONSULTANTS, INC.:	TJP	

I. GIVEN

A. AREAS

1.	Pond =	0.00	ac.	0.00%
2.	Buildings =	0.00	ac.	0.00%
3.	Paving & Others =	0.00	ac.	0.00%
4.	Low Green (10.3-14.9) =	0.78	ac.	100.00%
5.	Pond Banks =	0.00	ac.	0.00%
6.	Swale flat =	0.00	ac.	0.00%
6.	High Green (2.1-5.5)=	0.00	ac.	0.00%
6.	Swale flat =	0.00	ac.	0.00%
7.	Swale Slope =	0.00	ac.	0.00%
8.	Project Total =	0.78	ac.	

B. QUANTITY

1. Design Event and Rainfall Amounts

a. Design Event for Quality
Frequency: 3 year
Duration: 1 hour
Amount: 6 in.

b. Design Event for Minimum Road Elevation: (if not specified by Local Districts)
Frequency: 10 year
Duration: 24 hour (road centerlines)
1 hour (for parking lots served by exfiltration system)
Amount: 8.50 in.
Flood Contour: 4.5

c. Design Event for Discharge:
Frequency: 25 year
Duration: 72 hour
Amount: 14.40
Flood Contour: n/a

d. Design Event for Minimum Finish Floor Elevation:
Frequency: 100 year
Duration: 72 hour
Amount: 17.3
Flood Contour: 6.5

III. COMPUTATIONS

SCS CURVE NUMBER

1. Average water table elevation:
   = control elevation
   = 0.50 ft. NAVD

2. The site grades vary from 10.30 to 14.90 ft. NAVD, and, the average site grade
   = 13.00 ft. NAVD OVERALL

3. Average depth to water table:
   = average site grade elevation - average control elevation
   = 13.00 ft. NAVD - 0.50 ft. NAVD
   = 12.50 ft. NAVD

4. From the soil storage table in the S.F.W.M. manual, assuming a 25% compaction and 12.50 ft. (NAVD) to the water table, up to 6.75 inches can be stored in the soil under under pervious areas.

5. Compute available soil storage:
   = storage available X pervious areas
   = 6.75 in. X 0.78 ac. X 1 ft./12 in.
   = 0.44 ac.- ft.

6. Convert available soil storage to site-wide moisture storage, S
   = available soil storage on-site/site area
   = 0.44 ac.- ft. / 0.78 ac. X 12 in./1 ft.
   = 6.75 in. of site-wide storage, S.

7. The SCS Curve Number, CN
   = 1000/(S+10)
   = 60 SCS curve number, CN

C. PROJECT SURFACE STORAGE

1.

AREA	ACRES	V/L	START ELEV	END ELEV.	CHANGE
Lakes	0.00	V	0.00	N/A	N/A
Buildings	0.00	V	0.00	N/A	N/A
Paving & Others	0.00	L	0.00	0.00	0.00
Low Green (10.3-14.9)	0.78	L	10.30	14.90	4.60
Lake Banks	0.00	L	0.00	0.00	0.00
Swale Flat ()	0.00	V	0.00	N/A	N/A
High Green	0.00	L	0.00	0.00	0.00
Swale flat ()	0.00	V	0.00	N/A	N/A
Swale Slope ()	0.00	L	0.00	0.00	0.00

2. **Stage vs Storage curve data.**

STAGE (ft.)	LAKE (ac.-ft.)	LAKE BANKS (ac.-ft.)	PAVING (ac.- ft.)	Low Green (ac.- ft.)	SWALE FL 4.0 (ac.- ft.)	Swale SL (ac.-ft.)	SWALE FL 4.5 (ac.-ft.)	SWALE SL 4.5-6.5 (ac.- ft.)	TOTAL (ac.- ft.)
10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
11.50	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.12
12.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.25
12.50	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.41
13.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.62
13.50	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.87
14.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.00	1.16
14.50	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.50
15.00	0.00	0.00	0.00	1.87	0.00	0.00	0.00	0.00	1.87
15.50	0.00	0.00	0.00	2.26	0.00	0.00	0.00	0.00	2.26
16.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00	0.00	2.65
16.50	0.00	0.00	0.00	3.04	0.00	0.00	0.00	0.00	3.04
17.00	0.00	0.00	0.00	3.43	0.00	0.00	0.00	0.00	3.43

3. **Stage vs Storage curve (see attached plot).**

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 11, 2005;0000 hr Duration: 24 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 24 hr
Design Frequency: 10 year
1 Day Rainfall: 8.5 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
10.00	0.00
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	11.95	24.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.24	0.00	0.00	0.00	0.24	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 25 year
3 Day Rainfall: 14.4 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87
15.50	2.26

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	12.95	72.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.56	0.00	0.00	0.04	0.60	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.2 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 100 year
3 Day Rainfall: 17.2999 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87
15.50	2.26

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	13.29	72.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.73	0.00	0.00	0.04	0.77	0.00

DATE:	11/5/2019		Post-Development
PROJECT NAME:	Avid Hotel		
PROJECT No.:	15011		
BY:	PILLAR CONSULTANTS, INC.:	TJP	

I. GIVEN

A. AREAS

1. Pond =	0.00	ac.	0.00%
2. Buildings =	0.15	ac.	19.23%
3. Paving & Others =	0.50	ac.	64.10%
4. Green Areas() =	0.13	ac.	16.67%
5. Green Areas() =	0.00	ac.	0.00%
6. Pond Banks =()	0.00	ac.	0.00%
7. Swale flat () =	0.00	ac.	0.00%
8. LME ()=	0.00	ac.	0.00%
9. Swale flat () =	0.00	ac.	0.00%
10. Swale Slope ()=	0.00	ac.	0.00%
Project Total =	0.78	ac.	

B. OTHER

1. Current Zoning:	*		
2. Master S.F.W.M.P. No.:	N/A		
3. Min. Building Elev. Per Permit:	6.50	ft. NAVD	
4. Min. Road Crown Elev. Per Permit:	4.50	ft. NAVD	
5. Receiving Body:	N/A		
6. Control Elevation:	0.50	ft. NAVD	
7. Allowable Discharge Per Permit:	na	cfs	
8. Total Area Per Permit:	0.78	ac.	
9. Allowable Discharge For This Site:	0.05	cfs	based on 40 CSM
10. Drainage Basin:	N/A		

* Note: Proposed minimum road elevation must be at least 2 ft. above wet season water table, or control elevation.

II. DESIGN CRITERIA

A. QUALITY

1. If a wet detention system, then whichever is greater of the following:

   a. The first inch of runoff from the entire site.
   b. The amount of 2.5 inches times the percentage of imperviousness

2. If a dry detention system, then 75% of the volume required for wet detention.

3. If a retention system, then 50% of the volume required.

4. If the site zoning is commercial, at least 0.50 in. of retention or dry detention pre-treatment shall be provided.

5. Any detention system shall be designed to discharge not more than 0.5 inch of the detained volume per day. A V-shaped configuration is desirable.

B. QUANTITY

1. Design Event and Rainfall Amounts

a. Design Event for Quality

Frequency:	3 year	
Duration:	1 hour	
Amount:	6	in.

b. Design Event for Minimum Road Elevation: (if not specified by Local Districts)

Frequency:	10 year	
Duration:	24 hour (road centerlines)	
	1 hour (for parking lots served by exfiltration system)	
Amount:	8.50	in.
Flood Contour:	4.5	NAVD

c. Design Event for Discharge:

Frequency:	25 year	
Duration:	72 hour	
Amount:	14.40	
Flood Contour:	n/a	

d. Design Event for Minimum Finish Floor Elevation:

Frequency:	100 year	
Duration:	72 hour	
Amount:	17.3	
Flood Contour:	6.5	NAVD

III. COMPUTATIONS

A. QUALITY

1. Compute the first inch of runoff from the developed project:

= 1.00 inch X 0.78 ac. X 1 ft./12 in.
= 0.07 ac.-ft. for the first inch of runoff.

2. Compute 2.5 inch times the percentage of imperviousness:

a. Site area for water quality pervious/impervious calculations only:
= total project - (water surface + roof)
= 0.78 ac. - (0.00 ac. + 0.15 ac.)
= 0.63 ac. site area, for water quality pervious/impervious.

b. Impervious area for water quality pervious/impervious calculations only:
= (site area for water quality pervious/impervious) - pervious
= 0.63 ac. - 0.13 ac.
= 0.50 ac. impervious area, for water quality pervious/impervious.

c. Percentage of imperviousness for water quality:
= (impervious area for water quality) / (site area for water quality) x 100%
= 0.50 ac. / 0.63 ac. X 100%
= 79.37%

d. For 2.5 in. times the percentage impervious.
= 2.50 in. X 79.37%
= 1.98 in. to be treated.

e. Compute volume required for quality detention:
= inches to be treated x (total project - lakes)
= 1.98 in. X (0.78 ac. - 0.00) X 1 ft./12 in.
= 0.13 ac.- ft.

3. **Summary**

The first inch of runoff from the developed project:	**0.07**	**ac.- ft.**
Volume required for 2.5 in. times the % imperviousness:	**0.13**	**ac.- ft.**

Therefore,

The volume	**0.13**	**ac.- ft. controls.**

4. **If the project were discharging directly to a sensitive receiving body or if the project is zoned commercial and/or is more than 40% impervious, then, 0.5 inches of dry detention or retention pre-treatment must be provided.**

   = 0.50 in. x (total project - lakes)
   = 0.50 in. X (0.78 ac. - 0.00) X 1 ft./12 in.
   = 0.03 ac. - ft. required for pre-treatment

5. **Compute credit for using one of the following systems:**

   a. **Wet detention volume to be provided:**
      = total required detention - pre-treatment
      = 0.13 ac.- ft. 0.03 ac.- ft.
      = 0.10 ac.- ft. of volume required for wet detention (lake volume).

   b. **Dry detention volume shall be provided equal to 75% of the wet detention volume:**
      = 0.10 ac.- ft. X 75%
      = 0.07 ac.- ft. of volume required for dry detention.

   c. **Retention volume shall be provided equal to 50% of wet detention volume:**
      = 0.10 ac.- ft. X 50%
      = 0.05 ac.- ft. of volume required for retention.

B. SCS CURVE NUMBER

1. **Average water table elevation:**
   = control elevation
   = 0.50 ft. NAVD

2. **Per. site grades vary from 10.80 to 14.00 ft. NAVD, thus, the average site grade**
   = 13.00 ft. NAVD

3. Average depth to water table:
   = average site grade elevation - average control elevation
   = 13.00 ft. NAVD - 0.50 ft. NAVD
   = 12.50 ft. NAVD

4. From the soil storage table in the S.F.W.M. manual, assuming a 25% compaction and 12.50 ft. (NAVD) to the water table, up to 6.75 inches can be stored in the soil under under pervious areas.

5. Compute available soil storage:
   = storage available X pervious areas
   = 6.75 in. X 0.13 ac. X 1 ft./12 in.
   = 0.07 ac.- ft. s

6. Convert available soil storage to site-wide moisture storage, S
   = available soil storage on-site/site area
   = 0.07 ac.- ft. / 0.78 ac. X 12 in./1 ft.
   = 1.13 in. of site-wide storage, S.

7. The SCS Curve Number, CN
   = 1000/(S+10)
   = 90 SCS curve number, CN

C. PROJECT SURFACE STORAGE W.Avg green

1.

AREA	ACRES	V/L	START ELEV	END ELEV.	CHANGE	
Lakes	0.00	V	0.00	N/A	N/A	
Buildings	0.15	V	14.00	N/A	N/A	
Paving & Others	0.50	L	12.70	14.00	1.30	
Lowgreen ()	0.13	L	10.80	13.50	2.70	1.6
Highgreen ()	0.00	L	0.00	0.00	0.00	0.0
Lake Banks()	0.00	L	0.00	0.00	0.00	0.0
Swale Flat ()	0.00	V	0.00	N/A	N/A	
LME ()	0.00	L	0.00	0.00	0.00	0.0
Swale flat ()	0.00	V	0.00	N/A	N/A	
Swale Slope ()	0.00	L	0.00	0.00	0.00	0.0
					Avg. Gr	12.2

2. Stage vs Storage curve data.

STAGE (ft.)	LAKE (ac.-ft.)	LAKE BANKS (ac.- ft.)	PAVING (ac.- ft.)	LOW GREEN (ac.- ft.)	HIGH GREEN (ac.- ft.)	SWALE FL 4.0 (ac.- ft.)	LME (ac.-ft.)	EXFIL. TRENCH	TOTAL (ac.- ft.)
7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05
8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12
10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16
11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.18
11.50	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.20	0.21
12.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.20	0.23
12.50	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.20	0.27
13.00	0.00	0.00	0.02	0.12	0.00	0.00	0.00	0.20	0.33
13.50	0.00	0.00	0.12	0.18	0.00	0.00	0.00	0.20	0.50
14.00	0.00	0.00	0.33	0.24	0.00	0.00	0.00	0.20	0.77

3. Stage vs Storage curve (see attached plot).

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 11, 2005;0000 hr Duration: 24 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 24 hr
Design Frequency: 10 year
1 Day Rainfall: 8.5 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: Site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.09	0.00	0.00	0.00	6.50	0.50
2.00	0.17	0.00	0.00	0.00	6.50	0.50
3.00	0.27	0.00	0.00	0.00	6.50	0.50
4.00	0.38	0.02	0.00	0.00	6.55	0.50
5.00	0.53	0.04	0.00	0.00	6.68	0.50
6.00	0.71	0.07	0.00	0.00	6.92	0.50
7.00	0.92	0.10	0.00	0.00	7.14	0.50
8.00	1.16	0.14	0.00	0.00	7.40	0.50
9.00	1.45	0.18	0.00	0.00	7.73	0.50
10.00	1.81	0.24	0.00	0.00	8.17	0.50
11.00	2.29	0.37	0.00	0.00	8.69	0.50
12.00	5.58	4.15	2.67	0.02	11.55	0.50
13.00	6.52	0.52	0.00	0.14	11.33	0.50
14.00	6.95	0.30	0.00	0.17	11.29	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	7.23	0.20	0.00	0.19	11.29	0.50
16.00	7.48	0.20	0.00	0.21	11.32	0.50
17.00	7.63	0.12	0.00	0.22	11.31	0.50
18.00	7.79	0.12	0.00	0.23	11.29	0.50
19.00	7.94	0.12	2.67	0.24	11.30	0.50
20.00	8.09	0.12	0.00	0.25	11.31	0.50
21.00	8.19	0.08	0.00	0.25	11.30	0.50
22.00	8.30	0.08	0.00	0.26	11.29	0.50
23.00	8.40	0.08	0.00	0.27	11.28	0.50
24.00	8.50	0.08	0.00	0.27	11.32	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	11.92	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	11.68	12.10	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.47	0.00	0.27	0.00	0.20	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 25 year
3 Day Rainfall: 14.4 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: Site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.06	0.00	0.00	0.00	6.50	0.50
2.00	0.13	0.00	0.00	0.00	6.50	0.50
3.00	0.19	0.00	0.00	0.00	6.50	0.50
4.00	0.26	0.00	0.00	0.00	6.50	0.50
5.00	0.32	0.01	0.00	0.00	6.52	0.50
6.00	0.39	0.01	0.00	0.00	6.56	0.50
7.00	0.45	0.01	0.00	0.00	6.61	0.50
8.00	0.52	0.02	0.00	0.00	6.68	0.50
9.00	0.58	0.02	0.00	0.00	6.76	0.50
10.00	0.64	0.02	0.00	0.00	6.85	0.50
11.00	0.71	0.03	0.00	0.00	6.95	0.50
12.00	0.77	0.03	0.00	0.00	7.03	0.50
13.00	0.84	0.03	0.00	0.00	7.09	0.50
14.00	0.90	0.03	0.00	0.00	7.15	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	0.97	0.03	0.00	0.00	7.22	0.50
16.00	1.03	0.03	0.00	0.00	7.28	0.50
17.00	1.10	0.03	0.00	0.00	7.35	0.50
18.00	1.16	0.04	0.00	0.00	7.43	0.50
19.00	1.22	0.04	0.00	0.00	7.50	0.50
20.00	1.29	0.04	0.00	0.00	7.57	0.50
21.00	1.35	0.04	0.00	0.00	7.65	0.50
22.00	1.42	0.04	0.00	0.00	7.73	0.50
23.00	1.48	0.04	0.00	0.00	7.81	0.50
24.00	1.55	0.04	0.00	0.00	7.89	0.50
25.00	1.64	0.06	0.00	0.00	8.01	0.50
26.00	1.74	0.06	0.00	0.00	8.13	0.50
27.00	1.83	0.06	0.00	0.00	8.26	0.50
28.00	1.92	0.06	0.00	0.00	8.38	0.50
29.00	2.02	0.06	0.00	0.00	8.51	0.50
30.00	2.11	0.06	0.00	0.00	8.60	0.50
31.00	2.21	0.06	0.00	0.00	8.68	0.50
32.00	2.30	0.06	0.00	0.00	8.77	0.50
33.00	2.39	0.07	0.00	0.00	8.86	0.50
34.00	2.49	0.07	0.00	0.00	8.95	0.50
35.00	2.58	0.07	0.00	0.00	9.06	0.50
36.00	2.68	0.07	0.00	0.00	9.20	0.50
37.00	2.77	0.07	0.00	0.00	9.34	0.50
38.00	2.86	0.07	0.00	0.00	9.48	0.50
39.00	2.96	0.07	0.00	0.00	9.62	0.50
40.00	3.05	0.07	0.00	0.00	9.76	0.50
41.00	3.15	0.07	0.00	0.00	9.90	0.50
42.00	3.24	0.07	0.00	0.00	10.04	0.50
43.00	3.33	0.07	0.00	0.00	10.18	0.50
44.00	3.43	0.07	0.00	0.00	10.32	0.50
45.00	3.52	0.07	0.00	0.00	10.46	0.50
46.00	3.62	0.07	0.00	0.00	10.61	0.50
47.00	3.71	0.07	0.00	0.00	10.75	0.50
48.00	3.80	0.07	0.00	0.00	10.89	0.50
49.00	3.91	0.08	0.00	0.00	11.04	0.50
50.00	4.02	0.08	0.00	0.00	11.14	0.50
51.00	4.14	0.09	0.00	0.00	11.27	0.50
52.00	4.28	0.11	0.00	0.01	11.29	0.50
53.00	4.46	0.14	0.00	0.02	11.28	0.50
54.00	4.68	0.17	0.00	0.03	11.32	0.50
55.00	4.95	0.21	0.00	0.05	11.28	0.50
56.00	5.26	0.24	0.00	0.07	11.29	0.50
57.00	5.62	0.29	0.00	0.09	11.29	0.50
58.00	6.06	0.36	0.00	0.11	11.31	0.50
59.00	6.65	0.52	0.00	0.15	11.29	0.50
60.00	10.75	5.34	2.67	0.28	12.44	0.50
61.00	11.93	0.66	0.00	0.49	11.31	0.50
62.00	12.47	0.38	0.00	0.53	11.28	0.50
63.00	12.81	0.25	0.00	0.55	11.30	0.50
64.00	13.13	0.25	0.00	0.57	11.28	0.50
65.00	13.32	0.15	0.00	0.58	11.32	0.50
66.00	13.51	0.15	0.00	0.60	11.28	0.50
67.00	13.70	0.15	0.00	0.61	11.30	0.50
68.00	13.89	0.15	0.00	0.62	11.32	0.50
69.00	14.02	0.10	0.00	0.63	11.29	0.50
70.00	14.15	0.10	0.00	0.64	11.30	0.50
71.00	14.27	0.10	0.00	0.64	11.32	0.50
72.00	14.40	0.10	0.00	0.65	11.33	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	51.47	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)

Site	12.59	60.17	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.85	0.00	0.65	0.00	0.20	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 100 year
3 Day Rainfall: 17.2999 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.08	0.00	0.00	0.00	6.50	0.50
2.00	0.15	0.00	0.00	0.00	6.50	0.50
3.00	0.23	0.00	0.00	0.00	6.50	0.50
4.00	0.31	0.01	0.00	0.00	6.51	0.50
5.00	0.39	0.01	0.00	0.00	6.56	0.50
6.00	0.46	0.02	0.00	0.00	6.62	0.50
7.00	0.54	0.02	0.00	0.00	6.71	0.50
8.00	0.62	0.03	0.00	0.00	6.81	0.50
9.00	0.70	0.03	0.00	0.00	6.93	0.50
10.00	0.77	0.03	0.00	0.00	7.03	0.50
11.00	0.85	0.04	0.00	0.00	7.10	0.50
12.00	0.93	0.04	0.00	0.00	7.18	0.50
13.00	1.01	0.04	0.00	0.00	7.26	0.50
14.00	1.08	0.04	0.00	0.00	7.34	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	1.16	0.04	0.00	0.00	7.42	0.50
16.00	1.24	0.04	0.00	0.00	7.51	0.50
17.00	1.32	0.04	0.00	0.00	7.61	0.50
18.00	1.39	0.05	0.00	0.00	7.70	0.50
19.00	1.47	0.05	0.00	0.00	7.80	0.50
20.00	1.55	0.05	0.00	0.00	7.89	0.50
21.00	1.63	0.05	0.00	0.00	7.99	0.50
22.00	1.70	0.05	0.00	0.00	8.09	0.50
23.00	1.78	0.05	0.00	0.00	8.20	0.50
24.00	1.86	0.05	0.00	0.00	8.30	0.50
25.00	1.97	0.07	0.00	0.00	8.45	0.50
26.00	2.08	0.08	0.00	0.00	8.57	0.50
27.00	2.20	0.08	0.00	0.00	8.67	0.50
28.00	2.31	0.08	0.00	0.00	8.78	0.50
29.00	2.42	0.08	0.00	0.00	8.89	0.50
30.00	2.54	0.08	0.00	0.00	9.00	0.50
31.00	2.65	0.08	0.00	0.00	9.16	0.50
32.00	2.76	0.08	0.00	0.00	9.32	0.50
33.00	2.88	0.08	0.00	0.00	9.49	0.50
34.00	2.99	0.08	0.00	0.00	9.66	0.50
35.00	3.10	0.08	0.00	0.00	9.83	0.50
36.00	3.21	0.08	0.00	0.00	10.00	0.50
37.00	3.33	0.08	0.00	0.00	10.17	0.50
38.00	3.44	0.08	0.00	0.00	10.34	0.50
39.00	3.55	0.08	0.00	0.00	10.51	0.50
40.00	3.67	0.08	0.00	0.00	10.68	0.50
41.00	3.78	0.08	0.00	0.00	10.85	0.50
42.00	3.89	0.08	0.00	0.00	11.02	0.50
43.00	4.01	0.08	0.00	0.00	11.13	0.50
44.00	4.12	0.08	0.00	0.00	11.25	0.50
45.00	4.23	0.08	0.00	0.00	11.30	0.50
46.00	4.34	0.08	0.00	0.01	11.30	0.50
47.00	4.46	0.08	0.00	0.02	11.29	0.50
48.00	4.57	0.09	0.00	0.03	11.28	0.50
49.00	4.70	0.10	0.00	0.03	11.29	0.50
50.00	4.82	0.10	0.00	0.04	11.30	0.50
51.00	4.98	0.12	0.00	0.05	11.27	0.50
52.00	5.14	0.13	0.00	0.06	11.32	0.50
53.00	5.36	0.17	0.00	0.07	11.29	0.50
54.00	5.63	0.21	0.00	0.09	11.32	0.50
55.00	5.94	0.25	2.67	0.11	11.31	0.50
56.00	6.31	0.29	0.00	0.13	11.29	0.50
57.00	6.75	0.35	0.00	0.16	11.30	0.50
58.00	7.28	0.43	0.00	0.19	11.30	0.50
59.00	7.99	0.62	2.67	0.24	11.31	0.50
60.00	12.92	6.44	2.67	0.38	12.74	0.50
61.00	14.33	0.80	2.67	0.60	12.17	0.50
62.00	14.98	0.46	0.00	0.69	11.33	0.50
63.00	15.39	0.30	0.00	0.71	11.31	0.50
64.00	15.77	0.30	0.00	0.74	11.29	0.50
65.00	16.00	0.18	0.00	0.76	11.32	0.50
66.00	16.23	0.18	0.00	0.77	11.32	0.50
67.00	16.46	0.18	0.00	0.78	11.32	0.50
68.00	16.69	0.18	0.00	0.80	11.32	0.50
69.00	16.84	0.12	0.00	0.81	11.32	0.50
70.00	16.99	0.12	0.00	0.82	11.30	0.50
71.00	17.15	0.12	0.00	0.83	11.28	0.50
72.00	17.30	0.12	0.00	0.84	11.32	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	44.72	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)

site	12.96	60.23	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
site	1.04	0.00	0.84	0.00	0.20	0.00

EXFILTRATION TRENCH CALCULATION SHEET

15011C - Avid Hotel

INPUTS:			
PERCOLATION RATE	(K)	1.03E-04	
WIDTH	(W)	6.0	FT
DEPTH TO WT	(H2)	12.2	FT
UNSATURATED TRENCH	(Du)	4.7	FT
SATURATED TRENCH	(Ds)	0.0	FT
WATER TABLE ELEV.	(WT)	0.5	NAVD

RUNOFF INPUTS:		
VOLUME TO BE TREATED	2.40	AC-IN

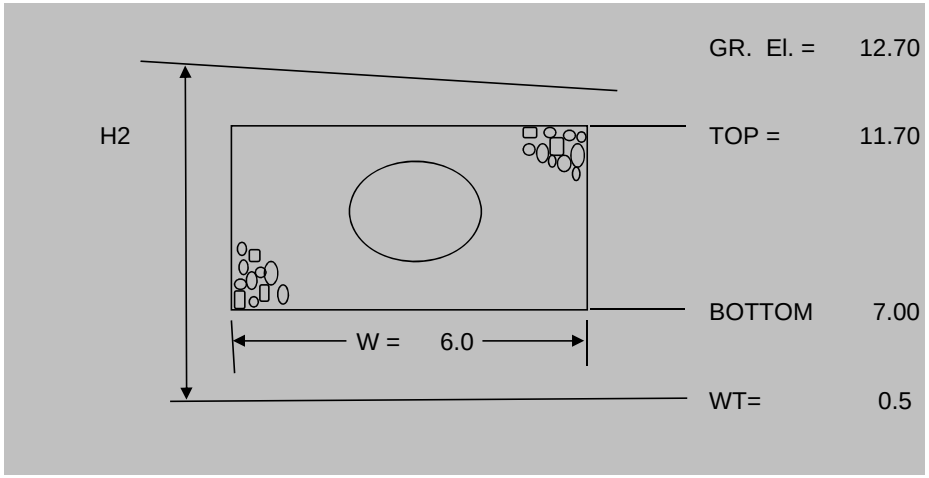
for water quality only

STANDARD FORMULA

$$L = \frac{V}{\{K(H2W+2\times H2Du-Du^2+2\times H2Ds)\}+\{(1.39\times 10E\text{-}4)WDu\}}$$

FORMULA when Ds > Du or when W is twice the height

$$L = \frac{V}{\{K(2\times H2Du-Du^2+2\times H2Ds)\}+\{(1.39\times 10E\text{-}4)WDu\}}$$



LENGTH OF TRENCH NEEDED =	**114.31**	**FEET**

LENGTH OF TRENCH PROVIDED =	**116.00**	**FEET**
SIZE OF PIPE =	**18.00**	**IN**

Volume of voids and pipe only per FDOT criteria

VOL=VOL(pipe) + VOL(voids) VOL(pipe)=L*A VOL(voids)=0.5*[W*(Top-Bottom) - AREA(pipe)]*L

VOL =	**1,738.04**	**CF**
	0.04	**AC-FT**

REPORT OF SUBSURFACE
EXPLORATION AND GEOTECHNICAL
ENGINEERING EVALUATION

FOR:

MR. DIEGO FERRAEZ
COMERLAT HOSPITALITY 1, LLC

PROJECT:

WINGATE HOTEL

LOCATION:

321 NORTH FEDERAL HIGHWAY
DANIA BEACH, FLORIDA 33004

ACES PROJECT NUMBER: 2019-041

PREPARED BY:

Absolute
Civil
Engineering
Solutions LLC

4121 SW 47TH AVENUE, SUITE 1319
DAVIE, FLORIDA 33314

April 30, 2019
Revised May 7, 2019

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ATTACHMENT:

Attachment 1.0: Soil Boring Logs 2019

Attachment 2.0: Percolation Test Results 2019

Attachment 3.0: Site and Test Location Sketches

Attachment 4.0: Boring Logs & Percolation Test Results 2016

1 INTRODUCTION:

In response to the authorization of Mr. Diego Ferraez of Comerlat Hospitality 1, LLC, **Absolute Civil Engineering Solutions, LLC (ACES)** is pleased to submit this Geotechnical Engineering Report for the proposed Wingate Hotel to be located at 321 North Federal Highway, Dania Beach, Florida 33004 (See site location sketch attachment 3.0).

2 PROJECT INFORMATION:

The project consisted of performing a subsurface investigation for a proposed hotel to be located at property address 321 North Federal Highway, Dania Beach, Florida 33004. The purpose of the investigation was to collect and analyze additional information regarding the subsurface conditions existing in the vicinity of the proposed improvements in order to evaluate site preparation and foundation construction alternatives. This investigation consisted of performing verification Standard Penetration Test (SPT) borings at two (2) locations and Usual Open Hole Constant Head (UOHCH) percolation test at one (1) location in the vicinity of the proposed development at the subject property. Our previous investigation in May 2016 consisted of performing Standard Penetration Test (SPT) borings at four (4) locations and Usual Open Hole Constant Head (UOHCH) percolation test at two (2) locations in the vicinity of the proposed development at the subject property.

3 PROPOSED STRUCTURES:

It is our understanding that the proposed hotel will be built on one parcel of land (Folio No. 5042-34-06-0740) totaling approximately one (1) acre. The proposed improvements will consist of the following:

- The construction of one (1) seven (7) story hotel; and
- Driveway, parking, landscaping and drainage improvements.

4 SCOPE OF WORK:

ACES proposed to test the site's soils for foundation support and to assess the site's subsurface conditions as they pertain to the presence of organic materials, loose or otherwise unsuitable soils, and groundwater.

We have determined that the standard penetration test (SPT) data collected is sufficient to evaluate soil strength and load carrying capability. All drilling, sampling and testing on this project were conducted in general accordance with ASTM procedures or other applicable standards and practices.

ACES conducted a total of two (2) verification standard penetration test (SPT) borings at the subject property in April 2019 and a total of four (4) standard penetration test (SPT) borings at the subject property in May 2016. The test locations were measured in the field by taping and pacing from site features and landmarks. The SPT borings were drilled using a truck-mounted drill and rotary wash drilling procedures. The borings were each advanced to a depth of about 50 feet below the ground surface. Samples for the SPT borings were collected at selected depth intervals via the Standard Penetration Test method (ASTM D-1586). The "N-value" was recorded at each sample location for subsequent use in the engineering evaluation. The N-value provides an empirical indication of soil strength and is determined by the cumulative number of blows required by a 140-lb. hammer, operating freely over a 30-inch drop, to advance a 2-inch O.D. split-barrel sampler one foot into the soils, after initial penetration of 6-inches. Upon completion of each boring, the depth to groundwater was measured.

In addition, one (1) percolation test was conducted at a depth of about fifteen (15) feet below the ground surface at the subject property in April 2016 and compared to two (2) percolation tests which were conducted at a depth of about fifteen (15) feet below the ground surface in May 2016. The "K-value" was determined the percolation test performed for subsequent use in the engineering drainage evaluation and design. The "K-value" is the constant of proportionality known as hydraulic conductivity and was determined using the Usual Open Hole Constant Head (UOHCH) percolation test method. This empirical value represents the ability of a soil to transmit water under a given

hydraulic head and is expressed in units of velocity (cfs/ft^2 – ft head). The percolation test results are provided in Attachment 2.0.

The groundwater depth was encountered and measured at each boring and percolation test location.

ACES evaluated the data obtained from the subsurface exploration and prepared this written report for the site summarizing the findings, along with our conclusions and recommendations. Our written report includes the following:

- A description of the site, fieldwork, laboratory testing and general soil conditions encountered, as well as a Boring Location Plan, and individual Boring Records;

- Site preparation considerations that include geotechnical discussions regarding site stripping and sub-grade preparation, and engineered fill/backfill placement;
- The field measured groundwater level;
- Foundation system recommendations for the structure, including allowable foundation capacity;
- Recommended quality control measures (i.e. sampling, testing, and inspection requirements) for site grading and foundation construction; and
- Suitability of on-site soils for re-use as structural fill and backfill.

5 LABORATORY TESTING:

Our laboratory-testing program includes visual classification of the soil samples collected during the drilling process in accordance with the Unified Soil Classification system (USCS) and ASTM standards. Laboratory testing also includes limited classification tests (grain-size analyses, Atterberg limits and natural moisture content determination) of representative soils, where deemed necessary.

In accordance with the attached General Terms and Conditions, soil samples will be disposed of 30-days after submittal of the final report, unless requested otherwise by the client.

6 GENERAL SUB-SURFACE CONDITIONS:

6.1 General sub-surface conditions

The general subsurface conditions encountered in the vicinity of the proposed structure can be represented by boring B-1 collected in April 2019, as follows:

DEPTH	MATERIAL DESCRIPTION
0’-0” to 0’-2”	Topsoil
0’-2” to 3’-6”	Backfill: Brown Medium Silica Sand with some Rocks Fragments
3’-6” to 10’-6”	Light Brown Medium Silica
10’-6” to 12’-6”	Gray Medium Lime Sand, Coral Rock and Limestone
12’-6” to 18’-0”	Tan Medium Sand with Coral Rocks
18’-0” to 22’-0”	Tan Cemented Lime Sand and Lime Rocks
22’-0” to 50’-0”	Tan Lime Rocks and Lime Stone

Test boring records should be consulted for a detailed description of the soil and rock conditions encountered at each boring location. When reviewing the boring records and the subsurface profiles, it should be understood that the soil conditions may vary between boring locations, therefore, special consideration should be given to the boring with the worst conditions encountered. The boring logs for the borings conducted in April 2019 are provided in Attachment 1.0 and boring logs for the borings conducted in May 2016 are provided in Attachment 4.0.

6.2 Soil Classification

The soil classification, densities, and angles of internal friction data generated from the soil conditions encountered are given in the table below:

Soil Properties						
Soil Type	Soil Description	USCS Classification	Soil Density (pcf)	Internal Angle of Friction	Average "N" Value for Layer	Skin Friction for Layer
1	Backfill Dark Medium Silical Sand with Some Rock Fragments	SP	100-105	22°-24°	15	0.6
2	Light Brown Medium Silica	SP	105 -110	26°-28°	6	0.3
3	Gray Medium Lime Sand with Coral Rocks and Limestone	SP	120-125	30°-32°	28	1.2
4	Tan Medium Sand with Coral Rocks	SP	> 130	> 32°	33	1.4
5	Tan Cememted Lime Sand and Lime Rocks	SP	> 131	> 32°	51	2.1
6	Tan Lime Rocks and Lime Stone	SP	> 132	> 32°	91	3.7

6.3 Groundwater

The ground water level was encountered at each boring location at the time of drilling in 2019. The ground water level was encountered at an average depth of nine (9) feet and eight (8) inches below the existing surface. In May 2016. The ground water level was encountered at an average depth of twelve (12) feet and seven (7) inches below the existing surface. Fluctuations in the observed ground water level should be expected due to seasonal climatic changes, rainfall variation, surface water run-off and other specific factors related to the site in question.

7 FOUNDATION RECOMMENDATIONS:

7.1 General foundation notes

Based on the sub-surface conditions encountered, ACES evaluated a number of foundation systems for providing support for the proposed hotel. Special consideration in the analysis was given to the following:

- The presence of relatively loose layers of soil material of varied thickness, which makes the site less appropriate for supporting heavily loaded structural components using regular spread footings and single-column pads at the existing grade without implementing some site preparation and soil improvement techniques;

- The location of the proposed construction and the backfill material used to raise the site to grade;
- Height to width ratio of the proposed structure with special emphasis on overturning moments and lateral support; and
- The close proximity of the proposed development to other nearby developments and major thoroughfares.
- The close proximity of the subject property to the coast.

Given the above, the following site preparation and foundation systems were selected:

7.2 Alternative 1: Shallow Foundation System

7.2.1 Site preparation for shallow foundation system

Our site preparation recommendations are based on information provided from the client as to the type of structures planned as well as on our subsurface investigation performed on the proposed construction area. It is our understanding that the finished floor elevation for the proposed hotel shall be fourteen (14) feet NAVD and that the current elevation of the subject property varies from thirteen (13) to thirteen and one-half (13.5) feet NAVD. Therefore, our site preparation recommendations are as follows:

- Excavate the entire building areas plus 5'-0" outside the perimeter of construction and remove top soil, organic and unsuitable subsurface material to the necessary depth. We anticipate an average excavation depth of approximately one (1) foot below the existing grade.
- Compact the excavated area to a minimum compaction of 98% of the optimum dry density as per AASHTO T-180 (ASTM D-1557). Verify densification procedures by taking an adequate number of field density compaction tests. The excavated area should be inspected prior to the commencement of the backfilling operation to ensure that all the unsuitable material has been removed.
- Backfill the excavated area, plus 5'-0" outside the perimeter of the structure to the desired bottom of the finished floor elevation with a clean mixture of sand and lime rock fill (or approved fill material) in compacted layers not to exceed twelve (12) inches in thickness. Compact each layer to a minimum of 98% of the optimum dry density as per AASHTO T180.

Verify densification procedures by taking an adequate number of field density tests, especially by the footing area;

- On completion of the backfilling and compaction operation perform a minimum of two (2) SPT borings to a depth of 30 feet in the center of the prepared building pad in order to verify the effectiveness of the site preparation procedure and the bearing capacity of the underlying soil;
- Excavate footing trenches to the required depth from the ground elevation; and
- Compact the bottom of the footing trench to a minimum compaction of 98% of the optimum dry density as per AASHTO T-180. Verify densification procedures by taking an adequate number of field density compaction tests.

7.2.2 Design recommendation for shallow foundation system

A shallow foundation system such as a spread footing, single column pad or mat foundation is a feasible solution for the proposed hotel. We anticipate that the foundation and footings may be appropriately proportioned for a safe soil bearing capacity not to exceed 4,500 Pounds per Square Foot (PSF). The area of construction plus five (5) feet outside the perimeter of construction should be compacted to achieve a minimum dry density of 98% of the optimum dry density as per AASHTO T-180. Backfill material required to raise the building pad to grade should be performed using a clean mixture of sand, lime sand and lime rock fill in compacted lifts not to exceed 12 inches thickness each lift and compacted to achieve a minimum compaction of 98% of the optimum dry density as per AASHTO T-180.

7.3 Alternative II: Augercast (Pressure Grouted) Piles

Augercast (pressure grouted) piles are a feasible foundation solution for the proposed hotel. The capacity of these piles is essentially developed in tip bearing and side friction. When these piles are installed or socketed into place, they will “lock into” the rock and sand strata thereby providing adequate bearing capacity.

The relationship obtained for this foundation system is as follows:

Size (Dia.)	Below Grade Length (Ft.)	Allowable Lateral Load	Allowable Tensile Capacity	Allowable Compressive Bearing Capacity	Remarks
14"	30	7 kips	25 kips	70 kips	No Pile load Test Required
14"	30	15 kips	50 kips	140 kips	Pile Load Test Required

*** Given the soil conditions encountered, ACES utilized a minimum Factor of Safety of 2.5 when calculating allowable loads that require pile load testing above.**

Large grout volumes, possibly up to twice (or more) of the theoretical pile volume, may be required for proper auger cast pile installation.

The entire pile driving (installation) operation should be monitored and performed in accordance with the relevant local and state requirements. The proposed pile length is calculated based on the existing surface at the time of drilling and the proposed finish floor.

7.4 Recommendations for the paved areas

7.4.1 Preparation for paved areas

- CLEARING AND GRUBBING: All trees, top soil, organic material, bush, stumps, roots, grass, weeds and all other obstructions shall be removed from within the limits of the areas to be paved to the necessary depth. Backfill the cleared/excavated area, plus 5'-0" outside the perimeter of the structure to the desired bottom of the subgrade elevation with a clean mixture of sand and lime rock fill (or approved fill material) in compacted layers not to exceed twelve (12) inches in thickness. Compact each layer to a minimum of 98% of the optimum dry density as per AASHTO T180. Verify densification procedures by taking an adequate number of field density tests.
- SUBGRADE: The soil material in all traffic areas shall consist of 12” compacted thickness of clean mixture of sand, lime sand and lime rock. The material used shall have a lime rock bearing ratio (LBR) greater than or equal to 40. The entire area where rock base is to be

constructed shall be thoroughly compacted to a minimum density of 98% of the optimum dry density as per AASHTO T-180 (modified proctor). Typically, the material shall exhibit moisture contents within +/- 2% of the modified proctor optimum moisture contents during the compaction operation.

- PREPARATION OF BASE:

Material: In normal traffic areas, the base shall consist of six (6) inches of compacted lime rock base course conforming to the following specifications:

The minimum percentage of carbonates shall be 70%. The liquid limit shall not exceed 35 and the material shall be non-plastic. At least 97% (by weight) of the material shall pass a 3¾ inches sieve and the material shall be uniformly graded down to dust. Lime rock material used in construction of lime rock base shall have an average LBR value of not less than 100.

In areas receiving repeated heavy traffic (trucks, etc.) the thickness requirements shall be a minimum of eight (8) inches of compacted lime rock conforming to the foregoing criteria for lime rock base.

Compacting Base: After spreading is completed, the entire surface shall be scarified and shaped so as to produce the exact grade and cross section after compaction. The full depth of base shall be compacted to a minimum density of ninety-eight percent (98%) of the optimum dry density, as determined by AASHTO T-180 (modified proctor). Where the base is constructed in two (2) courses, the bottom course need only be bladed to secure a uniform thickness.

Wearing Course: The wearing course in normal traffic areas shall consist of a one and one-half inch (1.5”) layer of asphaltic concrete as specified by the Florida Department of Transportation Standard Specifications, except where a “Job Formula” is required. In heavy traffic areas, the wearing course shall consist of a 2 inch (minimum) layer of asphaltic concrete as specified by the Florida Department of Transportation Standard Specifications.

8 CLOSING REMARKS:

Regardless of the thoroughness of our geotechnical exploration there is always a possibility that the general conditions on the subject property (site) may be different from those at the test locations. Therefore, ACES is not responsible for any sub-soil conditions different from those reported in our boring logs.

This report was prepared exclusively for the use of COMERLAT HOSPITALITY 1, LLC. The conclusions provided by ACES are based solely on the information presented in this report. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

We appreciate the opportunity to have been of service to your company. Please feel free to contact us if there are any questions or comments pertaining to this report.

Respectfully submitted,

Absolute Civil Engineering Solutions, LLC

Lina Maria Polo
Project Engineer

WAYNE E. WEBB
LICENSE
No. 56701
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

5/7/19

Wayne Webb, P.E.
Senior Project Engineer

Attachment 1.0: Boring Logs 2019

Absolute Civil Engineering Solutions, LLC
ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL
4121 SW 47th Ave, Suite 1319, Davie, FL, 33314 / Phone: 954-349-8797 / Fax: 866-263-9007

SPT SOIL BORING REPORT

CLIENT:	COMERLAT HOSPITALITY 1, LLC	**Page:**	1 of 2
CLIENT ADDRESS:	N/A	**Report #:**	1
PROJECT:	Wingate Hotel	**Boring #:**	B-1
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	**Date:**	4/29/19
BORING LOCATION:	As Shown On Site Boring Location Map	**Driller:**	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil		6	8	15
2	0'-2" to 3'-6" Backfill: Brown Medium Silica Sand with some Rocks Fragments	0'-2'	7	6	
3			4	3	5
4		2'-4'	2	3	
5	3'-6" to 10'-6" Light Brown Medium Silica		2	1	2
6		4'-6'	1	1	
7			2	3	6
8		6'-8'	3	4	
9			6	4	8
10		8'-10'	4	6	
11			8	10	21
12	12'-0" to 12'-6" Gray Medium Lime Sand, Coral Rock and Limestone	10'-12'	11	13	
13			15	18	35
14	12'-6" to 18'-0" Tan Medium Sand with Coral Rocks	12'-14'	17	16	
15			15	13	32
16		14'-16'	19	10	
17			17	13	32
18		16'-18'	19	17	
19	18'-0" to 22'-0" Tan Cemented Lime Sand and Lime Rocks		16	21	41
20		18'-20'	20	22	
21			28	29	60
22		20'-22'	31	36	
23	22'-0" to 50'-0" Tan Lime Rocks and Lime Stone		33	31	65
24		22'-24'	34	38	
25			37	39	82
26		24'-26'	43	41	
27			48	46	89
28		26'-28'	43	45	
29			46	44	87
30		28'-30'	43	41	
31			48	53	103
32		30'-32'	50	51	
33			53	56	107
34		32'-34'	51	49	
35			48	47	100
36		34'-36'	53	52	
37			53	54	110
38		36'-38'	56	56	
39			58	61	124
40		38'-40'	63	66	
41			68	63	124
42		40'-42'	61	66	
43			64	65	128
44		42'-44'	63	60	
45			67	73	144
46		44'-46'	71	70	
47			77	78	154
48		46'-48'	76	59	
49			68	77	150
50		48'-50'	73	71	

WATER TABLE: 9'-6" below surface as of: 4/29/2019

WAYNE E. WEBB
LICENSE
No. 56701
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Respectfully Submitted:

Wayne Webb, P.E. Lic. #56701
Absolute Civil Engineering Solutions, LLC

4/30/19

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Absolute Civil Engineering Solutions, LLC
ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL
4121 SW 47th Ave, Suite 1319, Davie, FL, 33314 / Phone: 954-349-8797 / Fax: 866-283-9007

SPT SOIL BORING REPORT

CLIENT:	COMERLAT HOSPITALITY 1, LLC	**Page:**	2 of 2
CLIENT ADDRESS:	N/A	**Report #:**	1
PROJECT:	Wingate Hotel	**Boring #:**	B-2
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	**Date:**	4/29/19
BORING LOCATION:	As Shown On Site Boring Location Map	**Driller:**	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil				
2	0'-2" to 4'-6" Backfill: Light Brown Medium Silica Sand with Some Rocks	0'-2'	3 / 10	8 / 11	18
3					
4		2'-4'	11 / 9	10 / 8	19
5					
6	4'-6" to 8'-6" Brown Medium Silica Sand	4'-6'	6 / 2	3 / 3	5
7					
8		6'-8'	3 / 2	3 / 3	5
9					
10	8'-6" to 9'-6" Brown Medium Silica Sand with Some Mangrove Roots	8'-10'	4 / 6	4 / 8	10
11	9'-6" to 12'-6" Brown Medium Silica Sand				
12		10'-12'	10 / 12	11 / 11	23
13					
14	12'-6" to 18'-6" Tan Medium Lime Sand with Coral Rocks	12'-14'	10 / 12	13 / 11	25
15					
16		14'-16'	12 / 16	15 / 18	31
17					
18		16'-18'	17 / 21	22 / 23	43
19					
20	18'-6" to 22'-6" Tan Cemented Lime Sand and Lime Rocks	18'-20'	28 / 21	27 / 26	48
21					
22		20'-22'	31 / 33	32 / 34	65
23					
24	22'-6" to 50'-0" Tan Lime Sand and Lime Stone	22'-24'	36 / 40	31 / 43	71
25					
26		24'-26'	42 / 43	41 / 46	84
27					
28		26'-28'	48 / 45	44 / 41	89
29					
30		28'-30'	46 / 53	39 / 51	92
31					
32		30'-32'	56 / 63	61 / 68	124
33					
34		32'-34'	64 / 61	63 / 60	124
35					
36		34'-36'	62 / 56	53 / 57	109
37					
38		36'-38'	66 / 68	61 / 73	129
39					
40		38'-40'	70 / 71	73 / 70	144
41					
42		40'-42'	77 / 73	72 / 72	145
43					
44		42'-44'	72 / 78	73 / 77	151
45					
46		44'-46'	71 / 73	76 / 76	149
47					
48		46'-48'	68 / 76	79 / 77	155
49					
50		48'-50'	63 / 75	64 / 76	139

WATER TABLE: 10'-0" below surface, as of: 4/29/2019

WAYNE E. WEBB
LICENSE
No. 56701
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Respectfully Submitted:

4/30/19

Wayne Webb, P.E. Lic. #56701
Absolute Civil Engineering Solutions, LLC

As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

Attachment 2.0: Percolation Test Results 2019

Absolute Civil Engineering Solutions, LLC

ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL SERVICES

USUAL OPEN HOLE CONSTANT HEAD PERCOLATION TEST

DATE:	4/29/2019		
CLIENT:	COMERLAT HOSPITALITY 1, LLC		
PROJECT:	Wingate Hotel		
PROJECT LOCATION:	321 N. Federal Highway, Dania Beach, FL		
TEST #	P-1		
LOCATION OF TEST:	As Shown On Site Location Map		
DIA. OF AUGER:	8 INCHES	**DIA. OF PERFORATED CASING:**	6 INCHES

TOTAL TIME (minutes)	ELASPED TIME (minutes)	GALLONS PER MINUTE (GPM)
1	1	8.00
2	1	8.00
3	1	8.00
4	1	7.00
5	1	7.00
6	1	7.00
7	1	7.00
8	1	7.00
9	1	7.00
10	1	7.00

DEPTH OF HOLE: 15 FT **PERCOLATION RATE:** 7.00 G.P.M.

WATER TABLE BELOW GROUND SURFACE: 9.10 FT

K-VALUE: 1.03E-04 cfs/ft^2 per ft of head

Remark: Stabilized Percolation Rate was maintained for more than 10 minutes.

SUBSURFACE INVESTIGATION

From 0'-0" to 4'-0"	Backfill Brown Medium Sand with some rocks mixed with light Brown Medium Silica Sand
From 4'-0" to 11'-0"	Brown Medium Silica Sand
From 11'-0" to 15'-0"	Tan Medium Lime Sand with Rocks

WAYNE E. WEBB LICENSE NO. 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted,

Wayne Webb, P.E.
State of Florida
Registered Professional Engineer: 56701

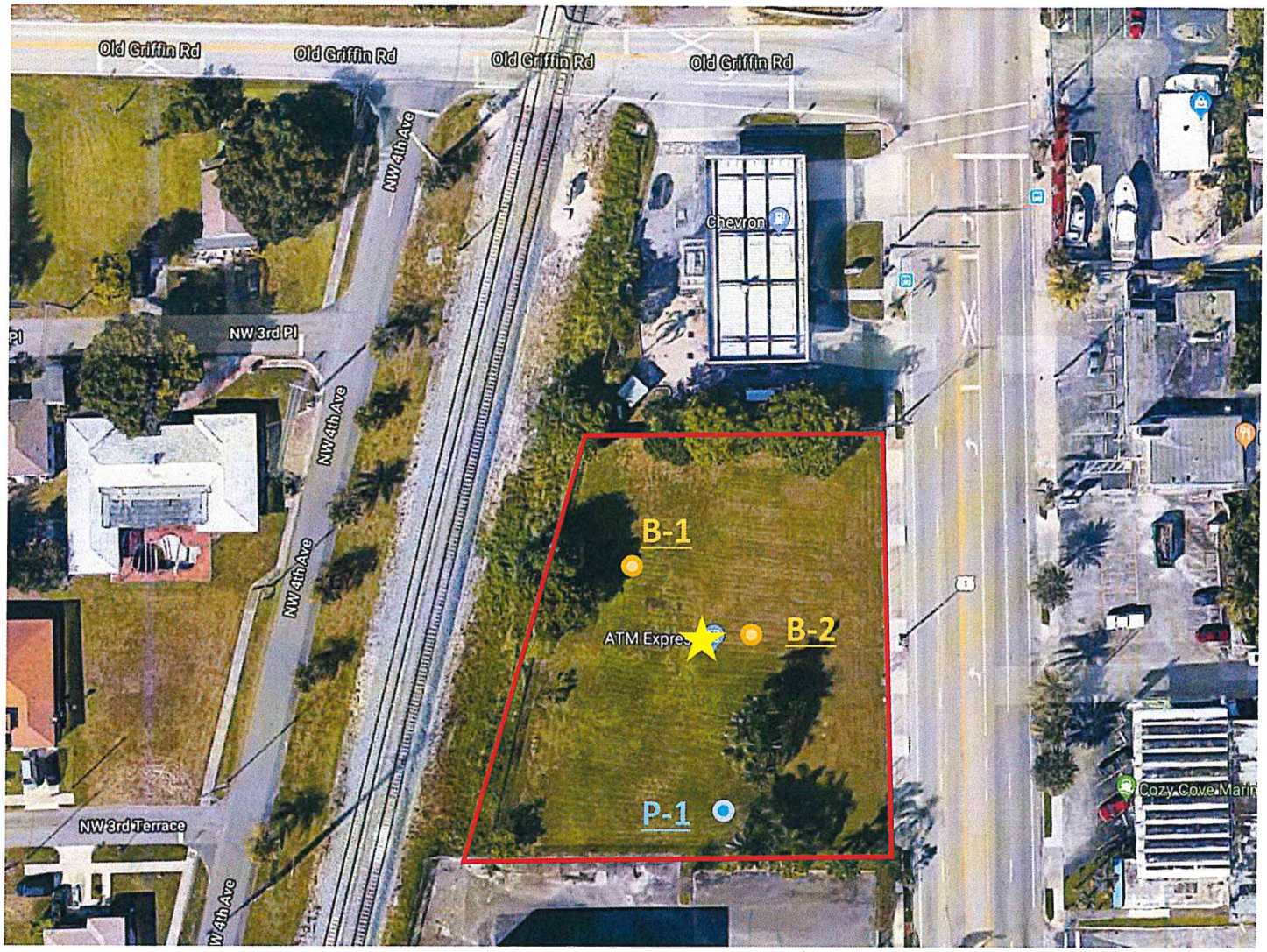
4/30/19

Attachment 3.0: Site and Test location Sketches

321 N Federal Highway

Dania Beach, FL 33004

Site & Boring Location Map 2019



Site Boundary

Site Location

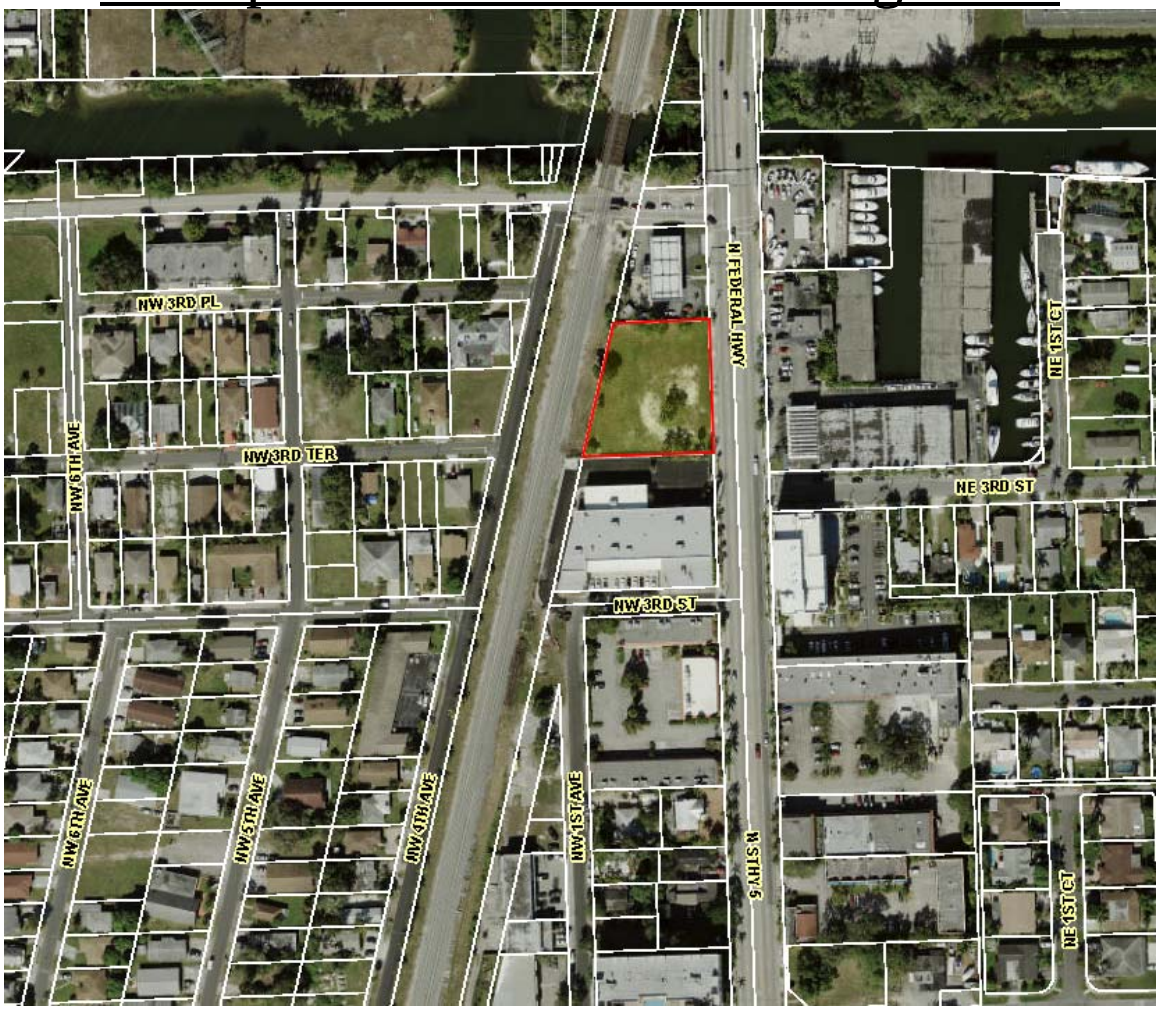
Soil Boring Locations - 2019

Percolation Test Locations - 2019

Avid Hotel

City of Dania Beach, Florida
321 N. Federal Highway, Dania Beach, FL 33004

Transportation Demand Management



Prepared by

Pillar Consultants, Inc.
5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

11/13/2019
Project No. 15011C

1.0 INTRODUCTION

A new, 105-room Avid Hotel is proposed for development in the City of Dania Beach, Florida. The project site is located on the west side of Federal Highway (US 1) Approximately 140 feet south of Old Griffin Road. The site is currently vacant. Access to the project will be by means of a single two-way access driveway connection to Federal Highway on the south end of the project site.

Transportation Demand Management (TDM) strategies are a combination of incentives and services provided in efforts to reduce single–occupant vehicle (SOV) trips to help reduce parking demand.

2.0 REQUIRED OFF-STREET PARKING

Per *Code Sec. 265-50:*
(0.8) parking spaces are required per guest room for Hotels and Motels. Proposed 105-room Hotel = 84 parking spaces required

Per *Code Sec. 265-60:*
An Alternative Parking Standard study was prepared by Pillar Consultants, Inc. dated May 29th 2019, the required amount of parking spaces was determined to be 72 based on a measured parking rate of 0.68 space per room.

Per *Code Sec. 265-91(C):* Transportation Demand Management (TDM) Strategies are being implemented for a total required parking reduction of 10%.

Per the implementation of TDM strategies, the required amount of parking spaces would be reduced to 65 spaces.

3.0 PROPOSED TRANSPORTATION DEMAND MANAGEMENT STRATEGIES

A 10% reduction in required off-street parking spaces is being sought with the implementation of the following TDM strategies:

1. **Sheltered, secured bicycle storage facilities:**
   A sheltered and secured bicycle storage facility is being proposed on site. It will be Hotel Management's responsible to maintain and monitor the bicycle storage facility as a TDM measure. The approximate cost of installation is $2,000.00 with $50.00 of annual maintenance.

2. **On-site availability of public transit tickets for one (1) or more of the existing public transit providers or public transit subsidies for employees.**
   Hotel Management will be responsible for subsidizing employee bus passes at an approximate monthly cost of $70.00 per employee.

3. **Management recommendations for, and support of, using cellphone apps such as Google maps to determine when to travel to/from work based on local road network congestion.**
   Hotel Management will be responsible for recommending and encouraging the use of cellphone apps such as Google Maps or Waze to determine when to travel to/from work based on local road network congestion. This will be included in the Hotel's Employee Manual and compliance will be monitored by Hotel Management. There are no annual costs associated with this strategy.

4. **Airport shuttle service for guests.**
   Hotel Management will be responsible for providing shuttle services to and from Fort Lauderdale/Hollywood Airport for guests. The airport shuttle will be free of charge for all hotel guests. Hotel Management will be responsible for monitoring of this TDM strategy. The total annual cost for this service is estimated at $50,000.00.

5. **Reserved priority employee parking for qualifying multiple occupant vehicles with committed employee car pool/rideshare participation.**
   Three (3) reserved employee parking spaces are being provided on site for multiple occupant vehicles. The Hotel's Employee Manual will specifically encourage carpooling/ridesharing with associated benefits. Hotel Management will be responsible for monitoring the compliance of this TDM strategy. There are no annual costs associated with this strategy.

6. **Demonstration of a bus shelter or transit/bus pickup facility within three hundred (300) feet of the property on which the development is located.**
   Route 1 of the Broward County Transit System and the Breeze express bus both run along Federal Highway in front of the proposed development. There is an existing bus stop approximately 100 feet north of the project on Federal Highway. Please see attached Exhibit 'A' – Site & Bus Stop Locations. There are no annual costs associated with this strategy.

4.0 TDM MONITORING

Per *Code Sec. 265-91(D):*
Hotel Management shall submit an annual report to the community development director or the CRA director, as applicable, detailing compliance with the TDM strategies which are accepted by the city. The report shall be due by April 1 of each year. In the event that the implementation of the TDM program involves persons employed by a company other than the owner of the development or existing development, the annual report shall also include information compiled by the property owner regarding each such employer identifying the participation of employees with the respective TDM strategies.

Exhibit 'A' – Site and Bus Stop Locations

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☒ **Variance**
- ☐ **Other:** _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: VA-175-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec.307-20: Street Trees/Plantings. See attached Variance request.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 01-02-2020
No. 2198863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

AVID HOTEL

Dania Beach, FL

REQUESTS FOR VARIANCE

November 4, 2019

Revised November 26, 2019

PROJECT INFORMATION AND JUSTIFICATION

The supplemental information provided in this document outlines a request to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. Please refer to Exhibit A.

The subject site is zoned City Center (CC) and is vacant.

The applicant is proposing to develop the site with a 105-room hotel known as Avid. The development of the site with a hotel is an ideal use given the site is excellently situated near the Fort Lauderdale-Hollywood International airport and local beaches. The applicant is requesting variances outlined in the below table to accomplish the Avid hotel development.

SECTION/ DESCRIPTION	CODE	PROPOSED	JUSTIFICATION
Sec. 265-120 Attendant/Valet Parking	Up to 10% of required parking may be provided as valet. 84 spaces required = 8.4 spaces permitted as valet.	11 spaces provided as valet. Valet operating hours: 9pm-7am.	The shape and small size of the parcel creates a hardship to meet certain requirements. The parking/valet as proposed adequately accommodates the parking needs of the hotel while also adding an amenity for guests. The valet request is minimal at 13% instead of 10%. Based on the parking demand study previously submitted to the City, additional valet parking spaces might only be needed at night, if at all. The study demonstrates that during day hours the parking lot is not busy, and most parking spaces are unoccupied. Therefore, valet hours will operate from 9 pm to 7 am.
Sec. 265-140(C) Structured Parking Facilities	The clearance between a parking space and a wall (excluding columns) or other solid obstruction shall be a minimum of two and one-half (2.5) feet.	Less than 2.5 feet applicable only to spaces 49, 54 and 56.	Sheet A-1.0 Site Plan has been revised to include 'Employee Only' labels on the affected parking spaces. Employees will not have issues with the reduced clearance in these locations since they will be familiar with the design in this area.

Sec. 265-150(E)(2) Design standards for surface parking lot and parking structure driveways.	Minimum access width dimensions at the street: 2. Minimum (two-way) - Twenty-five (25) feet.	Minimum (two-way) - Twenty (20) feet.	The proposed 20 ft will not create adverse impacts, will not compromise safe and adequate access to/from the site, and is adequate to serve emergency vehicles and garbage trucks. Twenty (20) feet is commonly accepted as a minimum width for two-way traffic, especially in an urban setting.
Sec. 275-90(C) Perimeter buffer landscape requirements for VUAs.	Perimeter landscape buffer shall be min. 5 ft wide with 1 tree every 40 feet.	Western perimeter landscape buffer – 0 feet	A typical buffer between uses is not necessary since the western perimeter of the site is designated for parking and abuts the railroad. A buffer 0 feet will also provide for best site design given the small size (less than 1 acre) and shape of the site. No adverse conditions will be created. The required trees have been added to the mitigation calculation.
Sec. 307-20			
(A) Street Trees	Install street trees	None provided	US1 is under the jurisdiction of FDOT. Per coordination with FDOT, no trees are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
(B) Planting/CRA Requirements	Install street trees	None provided	US1 is under the jurisdiction of FDOT. Per coordination with FDOT, no trees- or streetscape elements above 18" are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
(C) Streetscape Elements	Provide Streetscape elements such as	There is a portion of the streetscape that	US1 is under the jurisdiction of FDOT. Per coordination with

	benches and lighting	is not within the FDOT Sight Triangle. At this location we will be providing a bench and trash receptacle as requested by the city.	FDOT, no trees or streetscape elements above 18" are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
Sec. 505-90(V) Signage Regulations – Wall and gallery edge identification signs	Wall sign permitted along frontage (east)	Wall signs proposed on north and south.	Placement of signs on the north and south along with increased size of North sign is to accommodate the Avid Hotel brand/design, as well as to enhance visibility as passers-by approach the site from Federal Hwy. Also refer to Sign Code Criteria (Sec. 505-180) response provided below.

The applicant is requesting the variances outlined above in order to develop the site with a hotel, which is an appropriate use for the site and is consistent with other similar uses along the corridor. Additionally, the site is under one (1) acre in size and is an irregular shape that is narrower at the north end than at the south end. Due to the site's size and configuration, as well as brand requirements, certain variances are necessary to accommodate the proposed Avid hotel. The development as proposed is in harmony with the intent of the City's Land Development Code.

Per City Code Section 625.40, the applicant must address certain criteria. As outlined below, the variances being sought comply with the criteria prescribed in the City's Land Development Code:

1. The request maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the City;
   The use of the site as hotel maintains the basic intent of regulations. The stability and appearance of the city will not be affected as the use of the site is compatible, and similar to, other nearby uses along the corridor.

2. The request is otherwise compatible with the surrounding land uses and would not be detrimental to the community;
   The proposed use is permitted and is compatible with surrounding land uses. The subject property is located in an overall commercial area. Specifically, hotels exist nearby to the south/southeast, along with other commercial establishments.

3. The request is consistent with, and in the furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city;
   The proposed project is consistent with the City's GOPs/Comprehensive Plan. The proposed use is permitted under the Regional Activity Center (RAC) land use and City Center (CC) zoning. Additionally, the request is not inconsistent with the City's Community Redevelopment Agency (CRA) area.

4. The plight of the petitioner is due to unique circumstances of the property or the petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome; and
   The plight is in part due to the small size (less than 1 acre) and shape of the site which is narrower at the north end than at the south end, as well as brand requirements for Avid. Avid is part of the IHG brand of hotels, a leader in the hospitality industry. IHG brands include Crowne plaza, Holiday Inn, and Staybridge, to name a few.

5. The variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.
   The variances requested are the minimum necessary to accommodate the proposed hotel. In fact, the variance requests related to Sections 265-140(C) (parking space clearance); Sec. 275-90(C) (perimeter buffer); and Sec. 275-100(C) (parking peninsula width) are minimal and occur in very few locations, as the site generally meets those standards.

The applicant must address Sec 505-180 criteria for granting of sign variances. As outlined below, the sign variance request complies with the criteria prescribed below:

Sec 505-180

1. The variance request is in harmony with the general intent and purpose of this article, and is not contrary to the public interest, especially with regard to the aesthetic impact on the surrounding area; and
   Wall signs are proposed on the north and the south. The placement of the signs is in harmony with the intent and purpose of the City's Code and is not contrary to the public interest. The proposed sign locations will better serve the public interest by enhancing the visibility to passers-by as they approach the site from Federal Hwy/US1. The placement of the signs is also to accommodate the Avid Hotel brand/design.

2. The variance is necessary in order for the sign to achieve the level of visibility and effectiveness typical for conforming signs within the same zoning district in the city and intended by this article; and
The proposed sign locations will enhance the visibility to passers-by as they approach the site from Federal Hwy/US1. Uses along the corridor, including similar hotel uses, enjoy similar signage conditions.

3. The impaired visibility or effectiveness of the signage allowed in this article would result in unnecessary or undue hardship; and
The impaired visibility the signage allowed in this article (on the east along Federal Hwy/US1 versus on the north and south as proposed) would result in unnecessary or undue hardship.

4. The hardship is not a result of the applicant's actions, financial hardship, or any inconvenience of complying with the code, but are a result of:

    a. Conditions that are unique to the land, building, site configuration; or
    b. Conditions that are unique to the configuration of the site in relation to adjacent sites or features; or
    c. Other unique conditions that are not self-created by the applicant.

    The site's frontage is on US1/Federal Highway, which is a north-south corridor with 2 lanes running each direction. Vehicles, pedestrians, cyclists, etc approach the site from the north or the south. Given the described situation and location of the site, the hardship is not a result of the applicant's actions. Uses along the corridor, including similar hotel uses, enjoy similar north/south facing signage conditions.

5. The request is the minimum necessary deviation from the requirements of this article to provide for reasonable and adequate sign visibility and effectiveness, with due consideration for the aesthetic of the sign and its scale relative to that of buildings and signs on the same and adjacent properties; and
The request is the minimum necessary deviation to provide for reasonable and adequate sign visibility and effectiveness. Sign aesthetics and scale relative to the corridor, adjacent properties and building signs were considered.

EXHIBIT A

Location

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Design Variation *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: OT-172-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: see attached survey legal

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: See attached.

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Design Variation - Sec. 510-30. See attached narrative/justification.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August, **20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Personally known _____ **or Produced Identification** X

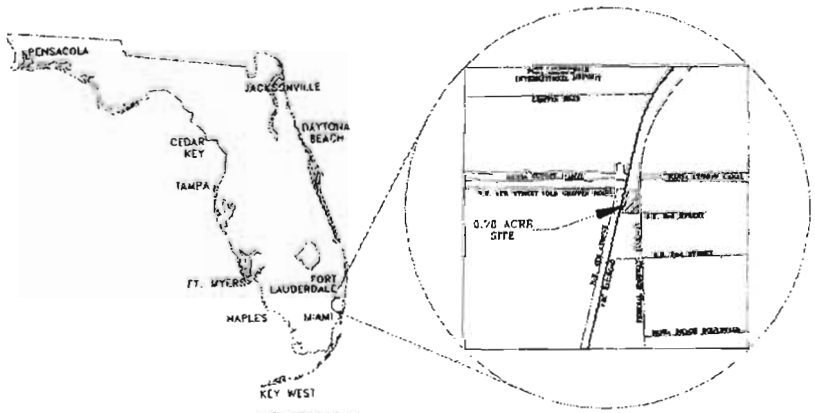
Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

BOUNDARY SURVEY



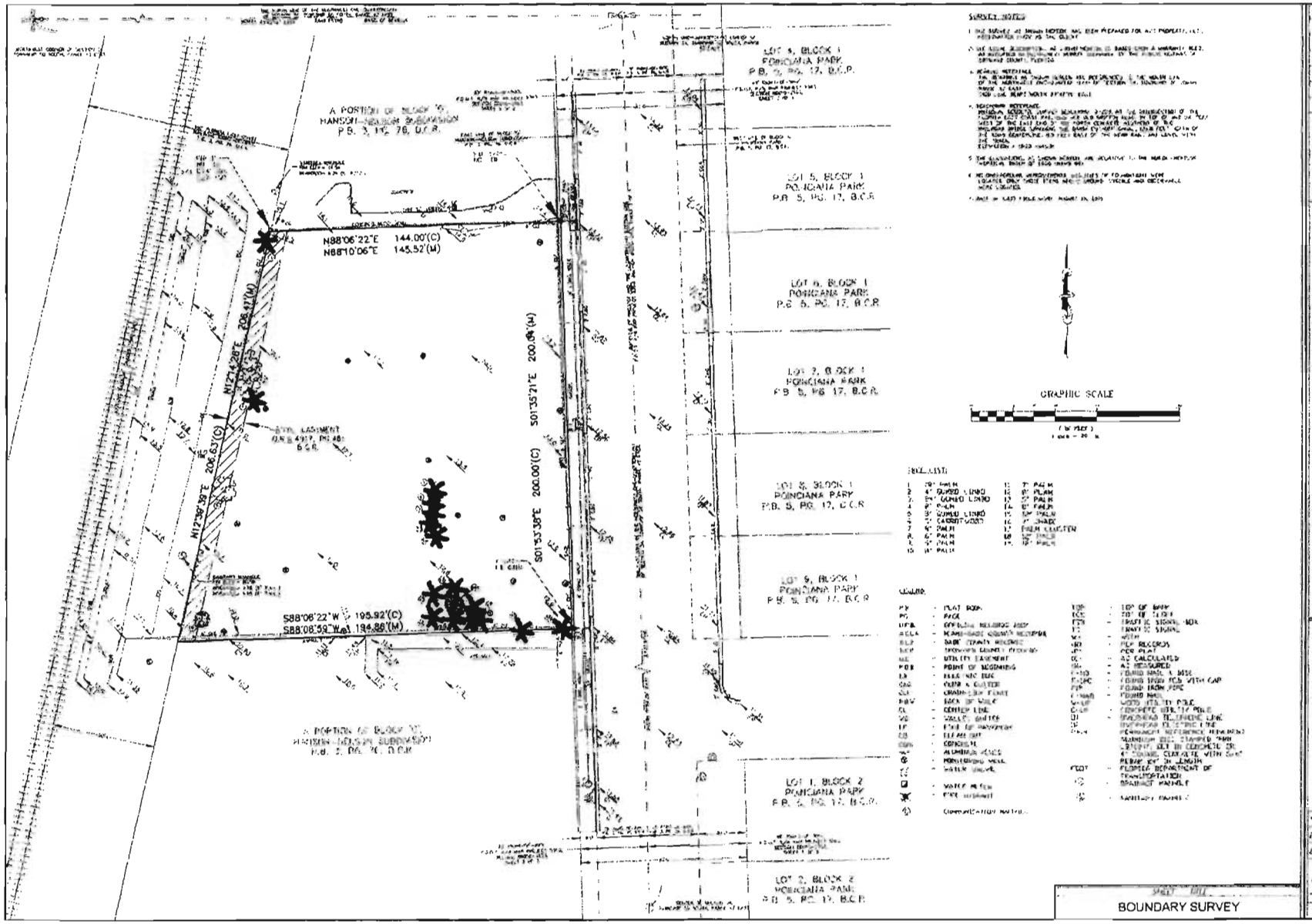
LOCATION SKETCH
NOT TO SCALE

BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SHEET NO.
SU-1 OF 2


LOT 4, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 76, D.C.R.
LOT 5, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 6, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
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POINCIANA PARK
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LOT 8, BLOCK 1
POINCIANA PARK
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LOT 9, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 1, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 2, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 76, D.C.R.
N88°06'22"E 144.00'(C)
N88°10'06"E 145.52'(M)
N12°26'28"E 208.47'(M)
N12°26'38"E 208.63'(C)
S01°35'21"E 200.09'(M)
S01°33'38"E 200.00'(C)
S88°06'22"W 195.92'(C)
S88°08'59"W 194.86'(M)
GRAPHIC SCALE
SURVEY NOTES
LEGEND
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA
SHEET TITLE
BOUNDARY SURVEY
SU-2

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEE IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Design Variation *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: OT-173-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: see attached survey legal

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: See attached.

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Design Variation - Sec. 525-30. See attached narrative/justification.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 04-01-2020

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK 6, HANSON-HOLDEN SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 2, PAGE 26, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

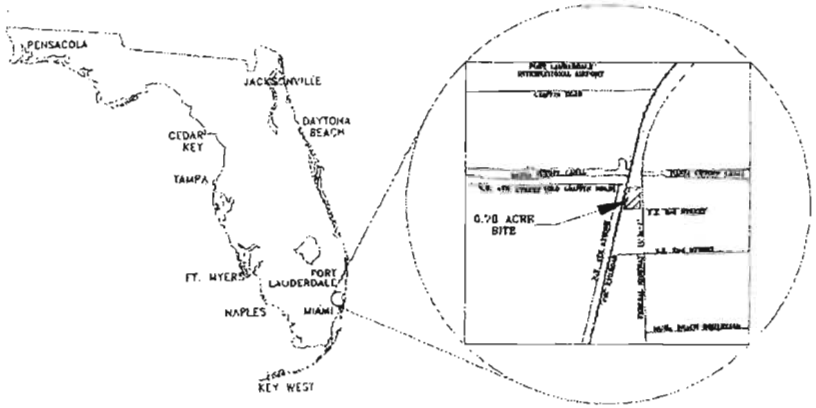
LESS:

THE EASTERLY 8.00 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PARCEL 6003, SECTION 86060-2101, AT PAGE 7 OF 8.

SAID LANDS SITUATE, LYING, AND BEING IN THE CITY OF SUNNY BEACH, BROWARD COUNTY, FLORIDA CONTAINING 33,962.00 SQUARE FEET (0.78 ACRES) MORE OR LESS.

SURVEY NOTES:

1. THE SURVEY AS SHOWN HEREON HAS BEEN PREPARED FOR THE PROPERTY [illegible] AT THE CLIENT.
2. THE LEGAL DESCRIPTION AS SHOWN BEFORE IS BASED FROM A WARRANTY DEED AS RECORDED IN PROPERTY OWNER RECORDS OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BEARING REFERENCE:
   THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHWEST 1/4 QUARTER [illegible] OF SECTION 36, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   SEE LINE BEARING [illegible]
4. ELEVATION REFERENCE:
   NATIONAL GEODETIC SURVEY BENCHMARK [illegible] AT THE INTERSECTION OF THE FLORIDA EAST COAST RAILROAD AND SOUTH FORT [illegible] ON TOP OF AND 50 FEET WEST OF THE EAST LINE OF THE NORTH COUNTY RAILROAD OF THE FLORIDA EAST COAST RAILROAD. [illegible] NORTH OF THE NORTH RAIL AND SEVEN FEET WEST OF THE TRACK.
   ELEVATION = [illegible]
5. ALL ELEVATIONS AS SHOWN HEREON ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. ALL EXCEPTIONS PRESENTED AS RESULTS OF TRANSACTIONS WITH LOCATED ONLY WHAT THEY ARE AS SHOWN, VISIBLE AND FIELD-VERIFIED HERE [illegible]
7. [illegible]



LOCATION SKETCH
NOT TO SCALE

LEGEND

P.B.	PLAT BOOK	TOP	TOP OF BANK
PG	PAGE	TOC	TOP OF CURB
MDCA	DETAILED MEASURED MAP	TCR	TRAFFIC SIGNAL BOX
MDCA	MIAMI-DADE COUNTY BENCHMARK	TS	TRAFFIC SIGNAL
BCP	BROWARD COUNTY BENCHMARK	W	WIDTH
BCP	BROWARD COUNTY PERMANENT	PM	PLAN MEASURED
UE	UTILITY EASEMENT	PR	PLAT RECORD
POB	POINT OF BEGINNING	M	AS CALCULATED
EB	ELECTRIC BOX	MD	AS DESIGNATED
CMP	CORRUGATED METAL PIPE	F-IRON	FOUND IRON PIPE
CLF	CHAIN LINK FENCE	F-IRON	FOUND IRON PIPE WITH CAP
POV	POINT OF VIEW	F-NAIL	FOUND NAIL
CL	CENTER LINE	F-CAP	FOUND WITH CAP
WL	WATER LINE	CONC	CONCRETE
EP	EDGE OF PAVEMENT	OH	OVERHEAD TELEPHONE LINE
CO	CLEAN OUT	OE	OVERHEAD ELECTRIC LINE
CONC	CONCRETE	PRM	PERMANENT REFERENCE MONUMENT ALUMINUM DISC STAMPED "PRM LB 7087" SET IN CONCRETE IN AT VARIOUS CONCRETE WITH SAW CUTTING IN LENGTH
		FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
			BOUNDARY MARKER
	WATER VALVE		SANITARY MANHOLE
	WATER METER		LIGHT POLE
	FIRE HYDRANT		CATCH BASIN
	TELECOMMUNICATION MANHOLE		
	WOOD UTILITY POLE		

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY A TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOSE A. [illegible]
PROFESSIONAL SURVEYOR AND MAPPER LS7020
STATE OF FLORIDA

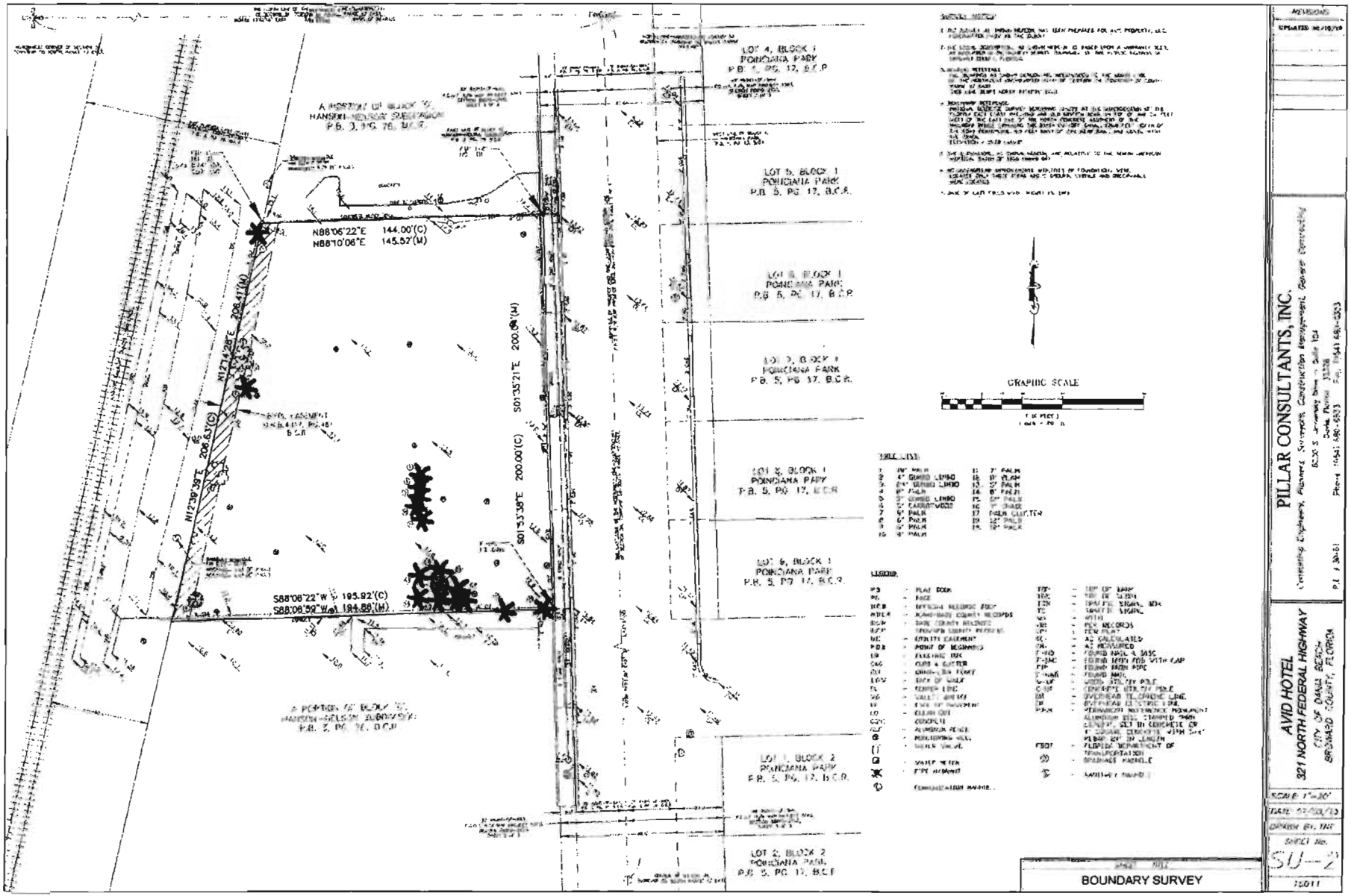
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, Geological Consulting
5220 S. University Drive - Suite 104
Davie, Florida 33328
Phone (954) 680-3337 Fax (954) 680-3337
C.E. # 26481

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF SUNNY BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 02.10.22
DRAWN BY: [illegible]
SHEET NO.
SV-1 OF 2


LOT 4, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
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LOT 2, BLOCK 2
POINCIANA PARK
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P.B. 3, PG. 76, B.C.R.
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N88°10'06"E 145.57'(M)
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S01°35'38"E 200.00'(C)
S88°08'22"W 195.92'(C)
S88°08'59"W 194.86'(M)
GRAPHIC SCALE
LEGEND
BOUNDARY SURVEY
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA
SCALE: 1"=30'
SHEET No.
SU-2
13011

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
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Folio Number(s): 5042-34-06-0740 Legal Description: See attached.

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Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Design Variation - Sec. 311-20. See attached narrative/justification.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

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COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrace Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

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BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK 6, HANSON-HEBBEN SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

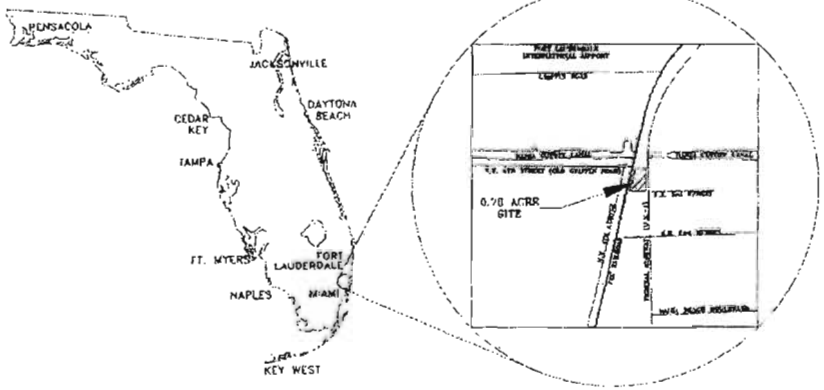
LESS:

THE EASTERLY 100 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT [illegible], SECTION [illegible], AT PAGE 3 OF 3.

SAID LANDS SITUATE, LYING AND BEING IN THE CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA CONTAINING 38,992.30 SQUARE FEET (0.70 ACRES) MORE OR LESS.

NOTES:

1. THE PARTIES TO BOUNDARY DEFINED AT THIS DISTANCE FOR THIS PROPERTY. [illegible] DESCRIPTION PROVIDED BY THE CLIENT.
2. THE LEGAL DESCRIPTION AS SHOWN HEREON IS BASED UPON A WARRANTY DEED AS RECORDED IN INSTRUMENT NUMBER [illegible] OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BOUNDARY DEFINITIONS:
   THE BEARINGS AT CORNER HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHEAST ONE-QUARTER (NE1/4) OF SECTION 24, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   [illegible] NORTH [illegible] EAST
4. BENCHMARK REFERENCE:
   FLORIDA GEODETIC SURVEY BENCHMARK [illegible] IS THE [illegible] IN THE [illegible] EAST [illegible] ON THE [illegible] WEST IN THE EAST END OF THE NORTH CONCRETE PARAPET OF THE NORTHWEST BRIDGE SPANNING THE [illegible] CANAL. [illegible] EAST SIDE OF THE NORTH CONCRETE [illegible] EAST END OF THE NORTH BRIDGE, AND [illegible] WITH THE TOP TRACK.
   ELEVATION = [illegible] NGVD
5. THE ELEVATIONS, AS SHOWN HEREON, ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. NO UNDERGROUND IMPROVEMENTS, BUILDING OR FOUNDATIONS WERE LOCATED (NOT LOCATED FOR AREA GREATER AREAS) THE DETERMINED [illegible] LOCATED.
7. [illegible]



LOCATION SKETCH
NOT TO SCALE

LEGEND

PB	- PLAT BOOK	TOP	- TOP OF BANK
PG	- PAGE	TOC	- TOE OF SLOPE
ORB	- OFFICIAL RECORDS BOOK	TSB	- TRAFFIC SIGNAL BOX
MDCR	- MIAMI-DADE COUNTY RECORDS	TS	- TRAFFIC SIGNAL
BCP	- DADE COUNTY RECORDS	W/	- WITH
BCP	- BROWARD COUNTY RECORDS	OPI	- OFF INTERNET
UE	- UTILITY EASEMENT	PP	- PER PLAT
MHW	- POINT OF MEANDERING	PC	- AS CALCULATED
EB	- ELECTRIC BOX	PM	- AS MEASURED
GVB	- GATE & VALVE	FI-PIPE	- FOUND IRON & PIPE
CU	- CABLE TELEVISION	FI-IRON	- FOUND IRON ROD WITH CAP
BOW	- BACK OF WALK	I.P.	- FOUND IRON PIPE
CL	- CENTER LINE	CUP	- CONCRETE UTILITY POLE
VC	- VALLEY GUTTER	OH	- OVERHEAD TELEPHONE LINE
EP	- EDGE OF PAVEMENT	OE	- OVERHEAD ELECTRIC LINE
CG	- CLEAR GUT	PRM	- PERMANENT REFERENCE MONUMENT ALUMINUM ROD STAMPED "PRM LB7422" SET IN CONCRETE IN 4" GALVANIZED CONDUIT WITH CAP ABOVE GRADE IN LENGTH
CONC	- CONCRETE	FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
ALF	- ALUMINUM FENCE	D	- DRAINAGE MANHOLE
	- MONITORING WELL		
WV	- WATER VALVE	S	- SANITARY MANHOLE
	- WATER METER		- LIGHT POLE
	- FIRE HYDRANT		- CATCH BASIN
	- COMMUNICATION MANHOLE		
	- WOOD UTILITY POLE		

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOSE A. [illegible]
PROFESSIONAL SURVEYOR AND MAPPER [illegible]
STATE OF FLORIDA

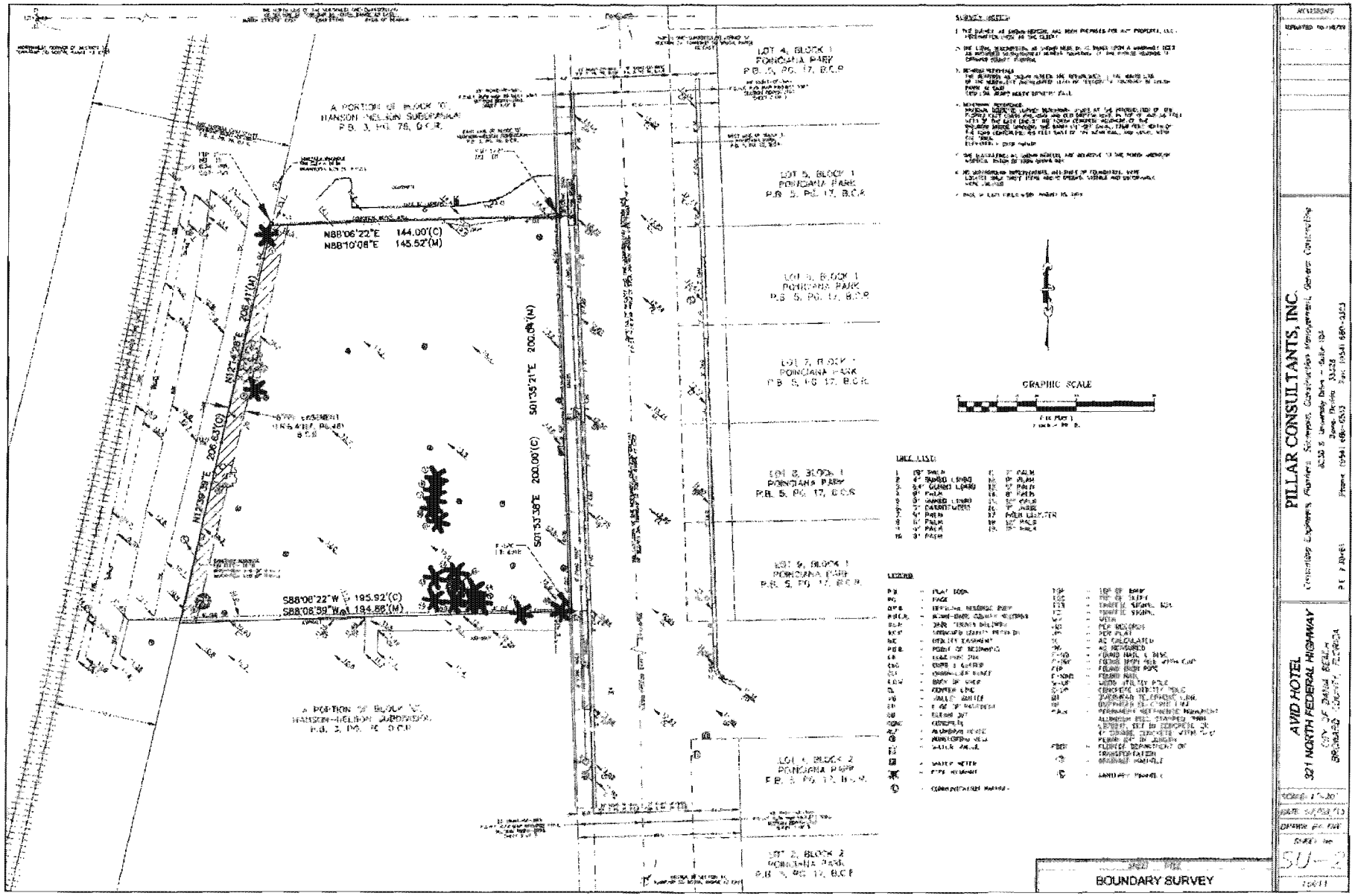
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

SHEET TITLE
BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, Land Development Consulting
5200 SW Lakeside Drive — Suite 104
Cooper City, 33328
Phone: (954) 880-0333 Fax: (954) 880-0393
P.E. # 5640

AVID HOTEL
3201 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 07/20/07
DRAWN BY: DM
SHEET NO.
SU-1 OF 2
15911


LOT 4, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 78, O.C.R.
LOT 5, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 6, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 7, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 8, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 9, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 1, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 2, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 78, O.C.R.
N88°06'22"E 144.00'(C)
N88°10'08"E 145.52'(M)
S01°35'21"E 200.09'(M)
S01°33'38"E 200.00'(C)
N12°39'38"E 206.63'(C)
S88°06'22"W 195.92'(C)
S88°08'39"W 194.88'(M)
GRAPHIC SCALE
BOUNDARY SURVEY
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
SU-2

Avid Hotel
Request for Design Variations

The information provided below outlines Design Variation requests to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. The subject site is currently vacant and is proposed to be developed with a 105-room hotel.

The land use designation for the property is Regional Activity Center (RAC), the zoning for the property is City Center (CC), and the property is located in the City's CRA. Given the property's location in the CRA and CC zoning designation, development on the site is subject to the City's form-based Code, which requires certain design elements and principles to achieve the City's desired urban form. However, the Code also recognizes that variation in conditions exist, and the difficulty of accounting for them in a design-specific regulation. Therefore, per Section 301-50 of the City's Code, the applicant may apply for relief from certain Variations in Design. Refer to table below.

A site plan for the subject property is currently under review by City Staff. The intent of the CC zoning district is to establish a mixed-use downtown with transit supportive densities and intensities where citizens can work, live, and shop in the economic, governmental, entertainment and cultural focal point of Dania Beach. This district is designed to encourage accessible, active, pedestrian-oriented areas. Great attention has been made to prepare a site plan for the subject property that achieves these elements and is compatible and consistent with the City's vision for the area.

Due to the size, configuration and conditions unique to the subject property, functional requirements of the proposed mixed-use building, design approach and construction methodology employed to achieve a comparable product competitive for the locality in the market, the applicant is requesting the variations in design outlined below. The approval of these design variations is not contrary to the public interest and will assist in the development and improvement of the subject property in an area of Dania Beach well-suited for the proposed project and that will move the City's vision for the area forward.

CODE SECTION	REQUIREMENT	PROPOSED VARIATIONS	CRITERIA
311-20(E)(4)	(E) A frontage in which a highly fenestrated façade is placed at or near the street line and the entrance is at sidewalk grade. (4) Shopfront and Modified shopfronts must be combined with 1 of the following elements: • Gallery roof • Awnings • Arcade	Awnings by code are required to project 7 feet and extend along a minimum of 80% of the building frontage. Proposed building will have a 5 foot projection due to FDOT sight triangle. Element cannot encroach in line of site. Additionally, the awning will extend 47.3% along building frontage. This is to meet Avid Brand Design Standards.	Criteria listed below
525-30(C)&(G) – Massing and Articulation	(C) The first thirty-five (35) feet of the exterior façade vertical plane should enhance the pedestrian environment by incorporating appropriate architectural features. Such features include cornice, ornamentations, changes in material or color, and other sculpting of the architectural surface, which add special interest and are compatible with public sector site elements. (G) Solid walls should not exceed twenty (20) feet in length without vertical articulation.	East, West, and South elevation comply. Articulation on the North façade is minimal due to Florida Building Code, fire separation, and Avid Brand Standards. Windows in particular can not be placed due to proximity to property line. Character lines, color changes, and a vertical step back will be provided.	Criteria listed below
	(D) Roofs shall be pitched with generous overhangs. The roofing shall be incombustible material such as shingle, clay tile, cement tile, or metal.	Avid Brand Standards requires we propose a flat roof with no pitches.	
510-30(D) & (H) – Appearance	(H) Glass windows and doors must make up at least thirty-five (35) percent of the primary elevation and fifteen (15) percent of the secondary elevation, except where additional fenestration is required in the CRA form-based zoning districts. On ground stories, the minimum required glass façade area shall be measured between a height of two and one-half (2.5) feet and eight (8) feet above the abutting grade. The windows shall not be covered or opaque. Display is permitted provided there is functional	East, West, and South elevation comply. Glass articulation on North façade is 0% due to Florida Building Code, fire separation, and Avid Brand Standards. Windows cannot be placed due to proximity to property line. Character lines, color changes, and a vertical step back will be provided.	Criteria listed below

	cross-vision between the inside and outside of the store. Display windows should be accented with awnings or other architectural features.		

The applicant must address the following criteria:

301-50(D)

1. **Whether the request is for a reasonable accommodation of design flexibility that results in overall superior development and design consistent with the intent and principles of this subpart that govern the standard for which variation is requested; or**

   Response: The request outlined above is a reasonable accommodation of design flexibility particularly needed for the success of this project. The proposed Variations in Design will result in a more emphasized and defined entry experience for vehicles and pedestrians alike as they will be greeted by a glass entry feature on the corner that provides a retail-feel and gives guests a clear view into the lobby from US1. The awning provided wraps around this glass entry further emphasizing this. Additionally, by following Brand Standards we will be providing the public with a recognizable Avid identity. This will increase use of this building as guests who know of Avid will have expectations from another Avid experience. The proposed improvements and design may not meet the strict application of the Code, but all of the proposed designs create a pedestrian friendly, accessible, aesthetically pleasing environment on the property that achieves the intent and principles of the Code.

2. **Whether the variation is appropriate to accommodate site conditions not anticipated in these regulations, or to reconcile conflicting requirements, provided the request is generally consistent with the intent and principles of this subpart that govern the standard for which variation is requested.**

   Response: The variation is appropriate to accommodate site conditions not anticipated in these regulations. Specifically, the configuration and constraints of the subject property (less than 1 acre; narrower at the north than at the south), functional considerations in the design particular to this proposed development, and the nature of the proposed building and AVID/IHG brand, are requested in order to deliver an efficient product competitive in the market.

525-10 and 510-20 (C)

1. **There are circumstances peculiar to the site or the intended use or both that makes compliance with a particular requirement of this article impracticable; and**

   Response: FDOT Easement Dedication, FDOT sight triangle, and AVID/IHG brand standard effects compliance.

2. **The applicant has offered significant enhancements to other pertinent aspects of the site that the city commission determines will offset negative impacts that an exception to these standards might otherwise create.**

   Response: Building overall is fairly articulated with prominent features that increases the city of Dania's image. Up-lighting along the building's façade will further add to the appeal by creating a dramatic and interesting look at night. Signage on the North and South elevation is optional and adds to the appeal of the project. Windows in South egress stair and storefront door on East egress stair exiting to US1 is not typical and adds to building appeal. Drive entry being reduced to 20' enhances walkability and public safety as pedestrians spend less time walking through a drive isle.

RECEIVED
NOV 07 2019
Planning & Development Services

FILE COPY

AVID HOTEL

Dania Beach, FL

REQUESTS FOR VARIANCE

November 4, 2019

PROJECT INFORMATION AND JUSTIFICATION

The supplemental information provided in this document outlines a request to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. Please refer to Exhibit A.

The subject site is zoned City Center (CC) and is vacant.

The applicant is proposing to develop the site with a 105-room hotel known as Avid. The development of the site with a hotel is an ideal use given the site is excellently situated near the Fort Lauderdale-Hollywood International airport and local beaches. The applicant is requesting variances outlined in the below table to accomplish the Avid hotel development.

SECTION/ DESCRIPTION	CODE	PROPOSED	JUSTIFICATION
Sec. 265-120 Attendant/Valet Parking	Up to 10% of required parking may be provided as valet. 84 spaces required = 8.4 spaces permitted as valet.	11 spaces provided as valet. Valet operating hours: 9pm-7am.	The shape and small size of the parcel creates a hardship to meet certain requirements. The parking/valet as proposed adequately accommodates the parking needs of the hotel while also adding an amenity for guests. The valet request is minimal at 13% instead of 10%. Based on the parking demand study previously submitted to the City, additional valet parking spaces might only be needed at night, if at all. The study demonstrates that during day hours the parking lot is not busy, and most parking spaces are unoccupied. Therefore, valet hours will operate from 9 pm to 7 am.
Sec. 265-140(C) Structured Parking Facilities	The clearance between a parking space and a wall (excluding columns) or other solid obstruction shall be a minimum of two and one-half (2.5) feet.	Less than 2.5 feet applicable only to spaces 49, 54 and 56.	Sheet A-1.0 Site Plan has been revised to include 'Employee Only' labels on the affected parking spaces. Employees will not have issues with the reduced clearance in these locations since they will be familiar with the design in this area.

Sec. 265-150(E)(2) Design standards for surface parking lot and parking structure driveways.	Minimum access width dimensions at the street: 2. Minimum (two-way) - Twenty-five (25) feet.	Minimum (two-way) - Twenty (20) feet.	The proposed 20 ft will not create adverse impacts, will not compromise safe and adequate access to/from the site, and is adequate to serve emergency vehicles and garbage trucks. Twenty (20) feet is commonly accepted as a minimum width for two-way traffic, especially in an urban setting.
Sec. 275-90(C) Perimeter buffer landscape requirements for VUAs.	Perimeter landscape buffer shall be min. 5 ft wide with 1 tree every 40 feet.	Western perimeter landscape buffer – 0 feet	A typical buffer between uses is not necessary since the western perimeter of the site is designated for parking and abuts the railroad. A buffer 0 feet will also provide for best site design given the small size (less than 1 acre) and shape of the site. No adverse conditions will be created. The required trees have been added to the mitigation calculation.
Sec. 505-90(V) Signage Regulations – Wall and gallery edge identification signs	Wall sign permitted along frontage (east)	Wall signs proposed on north and south.	Placement of signs on the north and south is to accommodate the Avid Hotel brand/design, as well as to enhance visibility as passers-by approach the site from Federal Hwy.

The applicant is requesting the variances outlined above in order to develop the site with a hotel, which is an appropriate use for the site and is consistent with other similar uses along the corridor. Additionally, the site is under one (1) acre in size and is an irregular shape that is narrower at the north end than at the south end. Due to the site's size and configuration, as well as brand requirements, certain variances are necessary to accommodate the proposed Avid hotel. The development as proposed is in harmony with the intent of the City's Land Development Code.

Per City Code Section 625.40, the applicant must address certain criteria. As outlined below, the variances being sought comply with the criteria prescribed in the City's Land Development Code:

1. The request maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the City;

The use of the site as hotel maintains the basic intent of regulations. The stability and appearance of the city will not be affected as the use of the site is compatible, and similar to, other nearby uses along the corridor.

2. The request is otherwise compatible with the surrounding land uses and would not be detrimental to the community;
   The proposed use is permitted and is compatible with surrounding land uses. The subject property is located in an overall commercial area. Specifically, hotels exist nearby to the south/southeast, along with other commercial establishments.

3. The request is consistent with, and in the furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city;
   The proposed project is consistent with the City's GOPs/Comprehensive Plan. The proposed use is permitted under the Regional Activity Center (RAC) land use and City Center (CC) zoning. Additionally, the request is not inconsistent with the City's Community Redevelopment Agency (CRA) area.

4. The plight of the petitioner is due to unique circumstances of the property or the petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome; and
   The plight is in part due to the small size (less than 1 acre) and shape of the site which is narrower at the north end than at the south end, as well as brand requirements for Avid. Avid is part of the IHG brand of hotels, a leader in the hospitality industry. IHG brands include Crowne plaza, Holiday Inn, and Staybridge, to name a few.

5. The variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.
   The variances requested are the minimum necessary to accommodate the proposed hotel. In fact, the variance requests related to Sections 265-140(C) (parking space clearance); Sec. 275-90(C) (perimeter buffer); and Sec. 275-100(C) (parking peninsula width) are minimal and occur in very few locations, as the site generally meets those standards.

EXHIBIT A

Location

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

NOV 07 2019
Planning Department

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☒ **Variance**
- ☐ **Other:** _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA-157-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G Block: _____ Subdivision: _____

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-150(E)(2) for min. access of driveway at street from 25 ft to 20 ft.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.*** SEE ATTACHED

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Collejo
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Maria D. Ch
Notary Public
State of New Jersey
My Commission Expires 08-02-2020
No. 2390865

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

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Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
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NOV 07 2019
Planning Department

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- ☒ **Variance**
- ☐ **Other:** _____ ***(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)***

FILE COPY

Date Rec'd: _____

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Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

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E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-140(C) - parking space/wall clearance.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/- 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

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COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Oh
Notary Public
New Jersey
My Commission Expires 08-02-2020
No. 2390863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

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City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA 139-19.

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Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-120- Valet Parking. See attached Variance request.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

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By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Oh
Notary Public
New Jersey
My Commission Expires 08-02-2020
No. 2398863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

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DANIA BEACH
SEE IT. LIVE IT. LOVE IT.

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
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- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA-160-19

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Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Variance to Sec. 275-90(C) for perimeter buffer landscape requirements.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.*** SEE ATTACHED

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 05-01-2020

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA-161-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 505-90(V) - Location of wall signs. See attached.**

*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Ch
Notary Public
State of New Jersey
My Commission Expires 08-02-2020
No. 2398103

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

PILLAR CONSULTANTS, INC.

Consulting Engineers, Planners, and Surveyors
5230 South University Drive ~ Suite 104
Davie, Florida 33328
Tel: (954) 680-6533

FILE COPY

RECEIVED
NOV 20 2019
Planning Department

LETTER OF TRANSMITTAL

To: City of Dania Beach
Planning and Zoning Dept.
Attn: Corinne Lajoie

Date: 11/20/19 Job No.: 15011C
RE: Avid Hotel

Please Find (X) Attached ( ) Under Separate Cover Via

The following items:

( ) Shop Drawings (____sets) Prints ( ) Plans ( ) Samples ( ) Surveys

COPIES	NO.	DESCRIPTION
5		**CD (DRC resubmittal documents)**
1		TDM STRATEGIES

Transmitted as indicated below:

( ) For Approval
(X) For Your Use
( ) As Requested
( ) For Review & Comment
( ) For Bids Due
( ) Approved as Submitted
( ) Returned for Corrections
( ) ____ Copies for Distribution
( ) Return ____ Corrected Prints
( ) For Execution
( ) ___ Sets of Prints
( ) ____ Copies for Approval

Remarks:

Sender: Tommy Prudhomme Reveived by: _____

Via: Drop off Signature: _____ Date: _____

If Enclosures Are Not As Noted Kindly Notify Us

PILLAR CONSULTANTS, INC.

Consulting Engineers, Planners, and Surveyors
5230 South University Drive ~ Suite 104
Davie, Florida 33328
Tel: (954) 680-6533

FILE COPY

RECEIVED
NOV 07 2019
Planning
Department

LETTER OF TRANSMITTAL

To: Adache Group Architects
550 S. Federal Highway, Fort Lauderdale
Attn: Edward Khoury

Date: 11/06/19 Job No.: 15011C
RE: Avid Hotel

Please Find (X) Attached ( ) Under Separate Cover Via

The following items:

( ) Shop Drawings (____sets) Prints ( ) Plans ( ) Samples ( ) Surveys

COPIES	NO.	DESCRIPTION
7		**S&S Engineering Plans (includingsurvey, photometric & landscape)**
7		**S&S Drainage Calculations**
7		**Fire Calculations (Iso, NFPA, certification letter)**

Transmitted as indicated below:

( ) For Approval
(X) For Your Use
( ) As Requested
( ) For Review & Comment
( ) For Bids Due
( ) Approved as Submitted
( ) Returned for Corrections
( ) ____ Copies for Distribution
( ) Return ____ Corrected Prints
( ) For Execution
( ) ___ Sets of Prints
( ) ____ Copies for Approval

Remarks:

Sender: Tommy Prudhomme Reveived by: _____

Via: Drop off Signature: _____ Date: _____

If Enclosures Are Not As Noted Kindly Notify Us

Edward Khoury

FILE COPY
RECEIVED
NOV 07 2019
Planning Department

From: Sean Walsh
Sent: Friday, November 1, 2019 8:32 AM
To: Jason Wilson; Edward Khoury
Subject: FW: Status of FAA Filing

fyi

Sean Walsh
Vice President of Design

adache group architects
550 S Federal Highway, Fort Lauderdale, FL 33301
t: 954.525.8133 e: swalsh@adache.com
www.adache.com | facebook | map

Fifty years of award winning architecture.

From: noreply@faa.gov <noreply@faa.gov>
Sent: Friday, November 1, 2019 7:47 AM
To: Sean Walsh <swalsh@adache.com>
Subject: Status of FAA Filing

Your filing is assigned Aeronautical Study Number(s) (ASN): 2019-ASO-28788-OE, 2019-ASO-31952-OE.

To review your electronic record, go to our website oeaaa.faa.gov and select the Search Archives link to locate your case using the assigned Aeronautical Study Number (ASN).

The FAA verified your filing and an aeronautical study has been initiated. Please allow a minimum 45 days for the FAA to complete the study. Please refer to the assigned ASN on all future inquiries regarding this filing.

For Wind Turbine proposals only, please ensure Wind Turbine Data as described on the project summary page in your registered e-filing account has been uploaded to your filing.

To ensure e-mail notifications are delivered to your inbox please add noreply@faa.gov to your address book. Notifications sent from this address are system generated FAA e-mails and replies to this address will NOT be read or forwarded for review. Each system generated e-mail will contain specific FAA contact information in the text of the message.

ISO FIRE FLOW CALCULATIONS (PER ISO EDITION 05-2006)

RECEIVED
NOV 07 2019
Planning Department

PROJECT:	Avid Hotel
ADDRESS:	321 N. Federal Highway, Dania Beach, FL 33004
DATE:	09/25/2019
CONSTRUCTION:	TYPE 1B (ISO CLASS 5) FIRE SPRINKLERED

NFF = (C)(O)(1+(X+P))

NFF	= NEEDED FIRE FLOW
C	= CONSTRUCTION FACTOR
O	= OCCUPANCY FACTOR
X	= EXPOSURE FACTOR
P	= COMMUNICATION FACTOR

1.) CONSTRUCTION FACTOR (C)

$C = 18F(A)^{0.5}$

A = EFFECTIVE AREA F = 0.6 (CLASS 5)

Total Area Under Roof: A = 6,813 SF (1st floor) + 5 x (50%) 8,352 (2nd - 6th floor) = 27,693 SF

THEREFORE: $C = 18(0.6)(27{,}693)^{0.5}$ = **1,797 ~ 1,750 GPM** (rounded to the nearest 250 gpm)
= **438** (75% reduction per automatic sprinklers)

2.) OCCUPANCY FACTOR (O)

O = **1.25** (PER TYPE C5)

3.) EXPOSURE AND COMMUNICATION FACTOR (X+P)

BUILDING INCLUDES AUTOMATIC FIRE SPRINKLER SYSTEM
THEREFORE: X=0 AND P=0

4.) DETERMINING NEEDED FIRE FLOW (NFF)

NFF = (438)(1.25)(1+(0+0)) = 548 GPM ~ 500 GPM (rounded to the nearest 250 gpm)

FLOW PROVIDED

$$Q = Q_{measured}\left(\frac{H_{static}-H_{rated}}{H_{static}-H_{residual}}\right)^{0.54} = 839\text{ GPM}\left(\frac{59\,psi-20\,psi}{59\,psi-53\,psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED ON 09/30/2019 YIELDED A RESULT OF:
2,305 GPM AT 20 PSI > 500 GPM (NFF); OK.

JAY CORLISS EVANS
LICENSE
No. 29461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JCE 11/6/19

NFPA FIRE FLOW CALCULATIONS

PROJECT: Avid Hotel
DATE: 11/06/2019
ENGINEER: TJP

Per NFPA 1 Section 18.4 Fire Flow Requirements for Buildings

Proposed Building Area: **48,573 SF**
Construction Type/Occupancy: **Type 1B**
Auto Fire Sprinkler: **Yes**, therefore a 75% reduction in Fire Flow is allowed (18.4.5.3.2)

Per Table 18.4.5.2.1 Minimum Required Fire Flow and Duration

1,750 gpm is required for 2 hours (Type 1)

Reductions:
Required Fire Flow: 1,750 gpm x (1-0.75) = **438 GPM**

FLOW PROVIDED

$$Q = Q_{measured} \left(\frac{H_{static} - H_{rated}}{H_{static} - H_{residual}}\right)^{0.54} = 839 \text{ GPM} \left(\frac{59\ psi - 20\ psi}{59\ psi - 53\ psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED YIELDED A RESULT OF **2,305 GPM AT 20 PSI > Required Fire Flow (438 GPM); OK.**

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners & Surveyors
5230 South University Drive – Suite 104
Davie, Florida 33328
Phone (954) 680-6533 Fax (954) 680-0323

November 6, 2019

Mr. Sean Brown, Fire Chief
Broward County Sheriff's Office
Fire Marshal's Office, Dania Beach District
103 W. Dania Beach Boulevard
Dania Beach, FL 33004

Re: Statement of Verification for "Avid Hotel"
321 N. Federal Highway, Dania Beach, FL 33004

Dear Chief Brown,

The proposed water main sizing, fire hydrant spacing, and fire hydrant locations, are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code.

Sincerely
PILLAR CONSULTANTS, INC.

Jay C. Evans

Jay C. Evans, P.E.
President

WAYNE
Automatic Fire Sprinklers, Inc.

Pillar Consultants, Inc.
5230 South University Drive
Davie, FL 33328

September 20, 2019

Dear Tommy Prudhomme,

Wayne Automatic Fire Sprinklers, Inc. has conducted a fire flow test for the following project:

Project Name: 321 North Federal Highway
Project Address: 321 North Federal Highway, Dania Beach, FL 33004
Hydrant Location: Hydrant #1 is located in front of the Holiday Inn Express
Fire Hydrants: 1
Test Date: September 16, 2019
The results of this test are:

STATIC PRESSURE:	59 PSI
RESIDUAL PRESSURE:	53 PSI
PITOT PRESSURE (1) HYDRANT FLOWING:	25 PSI
HYDRANT OUTLET COEFFICIENT:	.90
FIRE HYDRANT FLOW:	839 GPM
TIME OF TEST:	7:30 AM

The data contained herein are furnished only to demonstrate the available water supply at the time of hydrant flow test. Fluctuations to pressure and flow will occur due to demands on the system and other conditions beyond the control of Wayne Automatic Fire Sprinklers, Inc., therefore, additional criteria should be considered and additional independent test run to confirm pressures for use in design of any water distribution, sprinkler, or fire protection system.

Additionally, Wayne Automatic Fire Sprinklers, Inc. (WAFS) attests only to the correct use of generally recognized applicable procedures and techniques by experienced, qualified personnel in the execution of the fire flow test. WAFS in no way implies any guarantee as to the repeatability of the pressure/flow as observed and recorded. Neither does WAFS assume any liability for the overall quality of the water source.

Please contact me if you should have any questions.

Thank you,

José A. Mendez
SE Service Designer

MINUTES
MATTER
Because families and dreams become

WAYNE
Automatic Fire Sprinklers, Inc.

WATER FLOW TEST CHART

HYDRANT # AND LOCATION DATE: 16-Sep-2019

H1 Next hydrant downstream (south) of flow hydrant in front of Holiday Inn Express (Corner of NE 2nd St and Federal)

H2 Hydrant closest to address: 321 N. Federal Highway, Dania Beach, FL 33004

H3

TEST BY: W.A.F.S. Day or Week: 9/16/2019 TIME OF DAY: 7:30 MIN. OF FLOW: 0.5

WATER SUPPLIED BY: CITY WATER SUPPLY

PURPOSE OF TEST: CUSTOMER REQUEST

DATA

FLOW HYDRANT(S)	H1	H2	H3
SIZE OPENING:	2.5		
COEFFICIENT:	0.9		
PITOT READING:	25		
GPM FLOW:	**839**		0

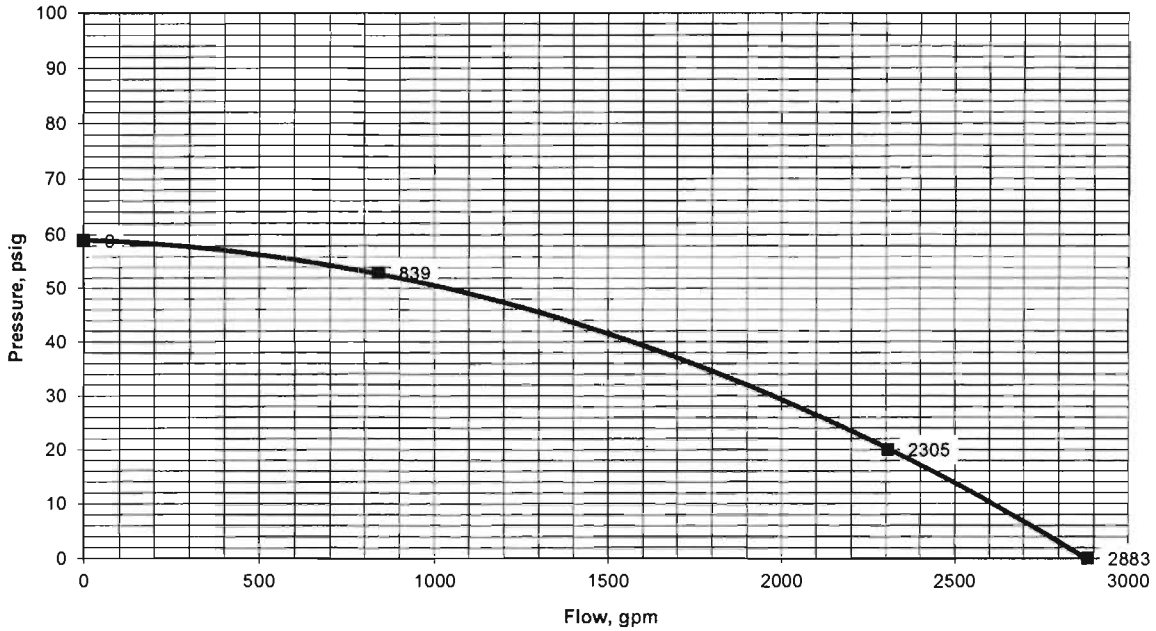
TOTAL FLOW DURING TEST: **839** GPM

STATIC READING: 59 PSI RESIDUAL: 53 PSI

RESULTS: AT 20 PSI RESIDUAL **2305** GPM AT 0 PSI **2883** GPM

ESTIMATED CONSUMPTION: 419 GAL.

REMARKS:



FLOW/ 24 HOUR
TEST HYDRANT
NE 3rd St
NW 1st Ave
A1A Guitars & Art
NW 1st Ave
STAT./ RES.
HYDRANT
Holiday Inn Express &
Suites Fort Lauderdale...
NW 2nd St
NE 2nd

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NOV 20 2019
Planning Department

Avid Hotel

City of Dania Beach, Florida
321 N. Federal Highway, Dania Beach, FL 33004

Transportation Demand Management

Prepared by

Pillar Consultants, Inc.
5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

JAY CORLISS EVANS
LICENSE
No. 38[illegible]
STATE OF FLORIDA
PROFESSIONAL ENGINEER

11/13/2019
Project No. 15011C

1.0 INTRODUCTION

A new, 105-room Avid Hotel is proposed for development in the City of Dania Beach, Florida. The project site is located on the west side of Federal Highway (US 1) Approximately 140 feet south of Old Griffin Road. The site is currently vacant. Access to the project will be by means of a single two-way access driveway connection to Federal Highway on the south end of the project site.

Transportation Demand Management (TDM) strategies are a combination of incentives and services provided in efforts to reduce single–occupant vehicle (SOV) trips to help reduce parking demand.

2.0 REQUIRED OFF-STREET PARKING

Per *Code Sec. 265-50:*
(0.8) parking spaces are required per guest room for Hotels and Motels. Proposed 105-room Hotel = 84 parking spaces required

Per *Code Sec. 265-60:*
An Alternative Parking Standard study was prepared by Pillar Consultants, Inc. dated May 29th 2019, the required amount of parking spaces was determined to be 72 based on a measured parking rate of 0.68 space per room.

Per *Code Sec. 265-91(C):* Transportation Demand Management (TDM) Strategies are being implemented for a total required parking reduction of 10%.

Per the implementation of TDM strategies, the required amount of parking spaces would be reduced to 65 spaces.

3.0 PROPOSED TRANSPORTATION DEMAND MANAGEMENT STRATEGIES

A 10% reduction in required off-street parking spaces is being sought with the implementation of the following TDM strategies:

1. **Sheltered, secured bicycle storage facilities:**
   A sheltered and secured bicycle storage facility is being proposed on site. It will be Hotel Management's responsible to maintain and monitor the bicycle storage facility as a TDM measure. The approximate cost of installation is $2,000.00 with $50.00 of annual maintenance.

2. **On-site availability of public transit tickets for one (1) or more of the existing public transit providers or public transit subsidies for employees.**
   Hotel Management will be responsible for subsidizing employee bus passes at an approximate monthly cost of $70.00 per employee.

3. **Management recommendations for, and support of, using cellphone apps such as Google maps to determine when to travel to/from work based on local road network congestion.**
   Hotel Management will be responsible for recommending and encouraging the use of cellphone apps such as Google Maps or Waze to determine when to travel to/from work based on local road network congestion. This will be included in the Hotel's Employee Manual and compliance will be monitored by Hotel Management. There are no annual costs associated with this strategy.

4. **Airport shuttle service for guests.**
   Hotel Management will be responsible for providing shuttle services to and from Fort Lauderdale/Hollywood Airport for guests. The airport shuttle will be free of charge for all hotel guests. Hotel Management will be responsible for monitoring of this TDM strategy. The total annual cost for this service is estimated at $50,000.00.

5. **Reserved priority employee parking for qualifying multiple occupant vehicles with committed employee car pool/rideshare participation.**
   Three (3) reserved employee parking spaces are being provided on site for multiple occupant vehicles. The Hotel's Employee Manual will specifically encourage carpooling/ridesharing with associated benefits. Hotel Management will be responsible for monitoring the compliance of this TDM strategy. There are no annual costs associated with this strategy.

6. **Demonstration of a bus shelter or transit/bus pickup facility within three hundred (300) feet of the property on which the development is located.**
   Route 1 of the Broward County Transit System and the Breeze express bus both run along Federal Highway in front of the proposed development. There is an existing bus stop approximately 100 feet north of the project on Federal Highway. Please see attached Exhibit 'A' – Site & Bus Stop Locations. There are no annual costs associated with this strategy.

4.0 TDM MONITORING

Per *Code Sec. 265-91(D):*
Hotel Management shall submit an annual report to the community development director or the CRA director, as applicable, detailing compliance with the TDM strategies which are accepted by the city. The report shall be due by April 1 of each year. In the event that the implementation of the TDM program involves persons employed by a company other than the owner of the development or existing development, the annual report shall also include information compiled by the property owner regarding each such employer identifying the participation of employees with the respective TDM strategies.

Exhibit 'A' – Site and Bus Stop Locations

Avid Hotel

City of Dania Beach, Florida
321 N. Federal Highway, Dania Beach, FL 33004

Traffic Impact Study

Prepared by

Pillar Consultants, Inc.
5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

09/25/2019
Project No. 15011C

RECEIVED
OCT 03 2019

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Introduction

A new, 105-room Avid Hotel is proposed for development in the City of Dania Beach, Florida. The project site is located on the west side of Federal Highway (US 1) approximately 140 feet south of Old Griffin Road. The site is currently vacant. The proposed project is expected to be built out in 2021.

Access to the project will be by means of a single two-way access driveway connection to Federal Highway on the south end of the project site.

The purpose of this study is to analyze the impacts of trips generated by the proposed new development on the adjacent roadway network. The study area, which includes the signalized intersections of Federal Highway at Dania Beach Boulevard, Federal Highway at NE 1st Street and Federal Highway at Old Griffin Road, as well as the project entrance/exit driveway intersection with Federal Highway, was defined in an email, dated August 1, 2019 and included as **Appendix A – Study Methodology**.

Route 1 of the Broward County Transit System and "the Breeze" express bus both run along Federal Highway in front of the proposed development site and are the only mass transit options in the study area. There is an existing bus stop approximately 100 feet north of the project on Federal Highway. Despite the excellent opportunity for hotel guests to use mass transit, no reduction in vehicular project trips has been assumed in this study as a result of transit use.

Figure 1 – Site Location, shows the location of the proposed development.

Figure 1 – Site Location
Avid Hotel
Dania Beach, Florida

Data Collection

Four-hour (7-9:00 a.m. and 4-6:00 p.m.), turning-movement counts were collected at the signalized intersections of Federal Highway at Dania Beach Boulevard, Federal Highway at NE 1st Street, and Federal Highway at Old Griffin Road. Copies of the traffic counts may be found in **Appendix B – Traffic Counts**.

The turning-movement counts were collected to provide a baseline of existing traffic operational conditions at the significant intersections within the study area.

A preliminary field review was conducted on August 12, 2019 to obtain pertinent roadway geometry, pavement markings, signing, etc. In addition to the field review, aerial maps were consulted to verify intersection spacing, storage lane lengths and lane assignments.

Existing signal timing and phasing plans were obtained from Broward County's Traffic Engineering Division. Copies of the existing traffic signal timing and phasing plans may be found in **Appendix D – Traffic Signal Timing Plans**.

Federal Highway (SR 5/US 1)is a north-south, five-lane, arterial roadway with a posted speed limit of 35 mph.

Dania Beach Boulevard (SR A-1-A) is an east-west, six-lane, median-divided arterial highway east of Federal Highway and has a posted speed limit of 30 mph. West of Federal Highway, Dania Beach Boulevard is a four-lane, undivided local collector roadway with a posted speed limit of 25 mph.

NE 1st Street is an east-west, two-lane, undivided local street on either side of Federal Highway and has a posted speed limit of 30 mph.

Old Griffin Road is an east-west, two-lane, undivided local collector highway with a posted speed limit of 30 mph.

Analyses

Adjustment Factors

The August 2019 turning-movement counts were adjusted to peak season by the application of a Peak Season Conversion Factor (1.03) obtained from the Florida Department of Transportation's (FDOT) *2018 Peak Season Factor Category Report*. **Table 1 – AM Peak-hour Turning-movement Counts** and **Table 2 – PM Peak-hour Turning-movement Counts** show both the "raw" and the seasonally-adjusted a.m. and p.m. peak-hour traffic volumes within the study area.

An Annual Growth Factor was derived from a comparison of 2013 and 2018 Annual Average Daily Traffic (AADT) reports obtained from FDOT's *2018 Florida Online Traffic Information* for count stations on nearby roadway segments. The count stations showed that the areawide average traffic volumes have actually declined over time, with an annual average growth of minus 0.5 percent. However, in spite of this trend, an areawide average annual compound growth rate of plus 0.5 percent was applied to all roadway turning-movement counts. Copies of the FDOT traffic reports, the annual growth rate worksheet, and seasonal adjustment factors are provided in **Appendix C – Adjustment Factors**.

Existing Conditions

Synchro intersection operations analysis software was used to construct a model of the existing roadway network in the study area. The model relied upon the adjusted peak-season, peak-hour, turning-movement counts shown in Tables 1 and 2, geometric, pavement marking and signal information obtained from field reviews, and traffic signal timing and phasing plans provided by Broward County's Traffic Engineering Division. Copies of the Synchro reports for existing weekday peak-hour, peak-season conditions may be found in **Appendix E – Existing Conditions Analyses**.

Note that, while signal timing parameters such as cycle lengths, initial greens, yellow and red clearance intervals, etc. obtained from the existing traffic signal timing plans for the signalized intersections were used in all analyses, intersection splits were optimized in all runs, including the existing conditions analyses. This was done to reflect actual operating conditions in the field. Because the studied intersection signals are fully actuated and under system control, the length of individual phases, particularly on the side street approaches, vary depending on the size of the approach volumes.

Table 3 - AM Peak-hour Queue Length, Level of Service and Delay Findings and **Table 4 – PM Peak-hour Queue Length, Level of Service and Delay Findings**, summarize the critical elements of the analyses. As Tables 3 and 4 show, the existing intersections of Federal Highway at Dania Beach Boulevard, NE 1st Street, and Old Griffin Road operate at an acceptable Level of Service (LOS) D or better in both the morning and afternoon peak hours.

While the intersection levels of service are acceptable, it should be noted that queue storage lengths for some movements are extremely long. Three of the most significant are the southbound left-turn movement on Federal Highway approaching Dania Beach Boulevard and the westbound left-turn and right-turn movements on Dania Beach Boulevard approaching Federal Highway.

In the first case, the southbound left-turn movement on Federal Highway approaching Dania Beach Boulevard, the extremely long queue of vehicles exceeds the available left-turn storage length resulting in left-turning vehicles blocking the inside southbound through lane during the p.m. peak hour. In the case of the westbound left-turn and right-turn movements on Dania Beach Boulevard approaching Federal Highway, the very long queue of vehicles also exceeds the available left-turn and right-turn storage lengths resulting in left- and right-turning vehicles blocking the westbound through lane. The westbound left-turn lane exceeds the available storage length during the p.m. peak hour while the westbound right-turn lane exceeds the available storage length during the a.m. peak hour.

Table 1
AM Peak-hour Turning-movement Counts
Avid Hotel

Intersection	Adjustment	From West				From East				From South				From North				
		Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
Federal Highway at Dania Beach Boulevard	Raw Count	0	32	77	11	2	71	89	367	1	15	1036	93	0	267	762	45	2868
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**33**	**79**	**11**	**2**	**73**	**92**	**378**	**1**	**15**	**1,067**	**96**	**0**	**275**	**785**	**46**	**2,954**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**33**	**80**	**11**	**2**	**74**	**93**	**382**	**1**	**16**	**1,078**	**97**	**0**	**278**	**793**	**47**	**2,984**
	Committed Development		2				42	2	26				13		2			87
	2021 Background Traffic	**0**	**35**	**80**	**11**	**2**	**116**	**95**	**408**	**1**	**16**	**1,078**	**110**	**0**	**280**	**793**	**47**	**3,071**
	Project Traffic		1						2			8			2	6	1	20
	Total Future Traffic	**0**	**36**	**80**	**11**	**2**	**116**	**95**	**410**	**1**	**16**	**1,086**	**110**	**0**	**282**	**799**	**48**	**3,091**
Federal Highway at NE 1st Street	Raw Count	1	32	8	29	0	4	7	38	0	14	1294	8	0	51	1009	22	2517
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**1**	**33**	**8**	**30**	**0**	**4**	**7**	**39**	**0**	**14**	**1,333**	**8**	**0**	**53**	**1,039**	**23**	**2,593**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**1**	**33**	**8**	**30**	**0**	**4**	**7**	**40**	**0**	**15**	**1,346**	**8**	**0**	**53**	**1,050**	**23**	**2,618**
	Committed Development				2			1	8			26			11	2		50
	2021 Background Traffic	**1**	**33**	**8**	**32**	**0**	**4**	**8**	**48**	**0**	**15**	**1,372**	**8**	**0**	**64**	**1,052**	**23**	**2,668**
	Project Traffic		1						1			11				9		22
	Total Future Traffic	**1**	**34**	**8**	**32**	**0**	**4**	**8**	**49**	**0**	**15**	**1,383**	**8**	**0**	**64**	**1,061**	**23**	**2,690**
Federal Highway at Old Griffin Road	Raw Count	0	81	0	95	0	0	0	0	0	85	1458	0	1	0	1146	50	2916
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**83**	**0**	**98**	**0**	**0**	**0**	**0**	**0**	**88**	**1,502**	**0**	**1**	**0**	**1,180**	**52**	**3,003**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**84**	**0**	**99**	**0**	**0**	**0**	**0**	**0**	**88**	**1,517**	**0**	**1**	**0**	**1,192**	**52**	**3,034**
	Committed Development											44				13		57
	2021 Background Traffic	**0**	**84**	**0**	**99**	**0**	**0**	**0**	**0**	**0**	**88**	**1,561**	**0**	**1**	**0**	**1,205**	**52**	**3,091**
	Project Traffic				3						2	8				13		26
	Total Future Traffic	**0**	**84**	**0**	**102**	**0**	**0**	**0**	**0**	**0**	**90**	**1,569**	**0**	**1**	**0**	**1,218**	**52**	**3,117**
Federal Highway at Avid Hotel Entrance	Raw Count	0	0	0	0	0	0	0	0	0	0	1543	0	0	0	1241	0	2784
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,589**	**0**	**0**	**0**	**1,278**	**0**	**2,868**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,605**	**0**	**0**	**0**	**1,291**	**0**	**2,896**
	Committed Development											44				13		57
	2021 Background Traffic	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,649**	**0**	**0**	**0**	**1,304**	**0**	**2,953**
	Project Traffic		10		9													19
	Total Future Traffic	**0**	**10**	**0**	**9**	**0**	**0**	**0**	**0**	**0**	**0**	**1,649**	**0**	**0**	**0**	**1,304**	**0**	**2,972**

Table 2
PM Peak-hour Turning-movement Counts
Avid Hotel

Intersection	Adjustment	From West				From East				From South				From North				
		Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
Federal Highway at Dania Beach Boulevard	Raw Count	0	64	102	30	8	117	193	333	2	59	1115	98	0	384	997	32	3534
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**66**	**105**	**31**	**8**	**121**	**199**	**343**	**2**	**61**	**1,148**	**101**	**0**	**396**	**1,027**	**33**	**3,640**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**67**	**106**	**31**	**8**	**122**	**201**	**346**	**2**	**61**	**1,160**	**102**	**0**	**399**	**1,037**	**33**	**3,677**
	Committed Development		4				47	5	[illegible]				26		2			72
	2021 Background Traffic	**0**	**71**	**106**	**31**	**8**	**169**	**206**	**334**	**2**	**61**	**1,160**	**128**	**0**	**401**	**1,037**	**33**	**3,749**
	Project Traffic		1						2			7			2	7	1	20
	Total Future Traffic	**0**	**72**	**106**	**31**	**8**	**169**	**206**	**336**	**2**	**61**	**1,167**	**128**	**0**	**403**	**1,044**	**34**	**3,769**
Federal Highway at NE 1st Street	Raw Count	0	56	31	34	0	5	7	48	0	33	1169	15	0	104	1615	48	3165
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**58**	**32**	**35**	**0**	**5**	**7**	**49**	**0**	**34**	**1,204**	**15**	**0**	**107**	**1,663**	**49**	**3,260**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**58**	**32**	**35**	**0**	**5**	**7**	**50**	**0**	**34**	**1,216**	**16**	**0**	**108**	**1,680**	**50**	**3,293**
	Committed Development				4			4	31			[illegible]			28	2		57
	2021 Background Traffic	**0**	**58**	**32**	**39**	**0**	**5**	**11**	**81**	**0**	**34**	**1,204**	**16**	**0**	**136**	**1,682**	**50**	**3,350**
	Project Traffic		1						1			10			1	10	1	24
	Total Future Traffic	**0**	**59**	**32**	**39**	**0**	**5**	**11**	**82**	**0**	**34**	**1,214**	**16**	**0**	**137**	**1,692**	**51**	**3,374**
Federal Highway at Old Griffin Road	Raw Count	0	113	1	186	0	0	0	0	0	131	1523	0	0	0	2108	157	4219
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**116**	**1**	**192**	**0**	**0**	**0**	**0**	**0**	**135**	**1,569**	**0**	**0**	**0**	**2,171**	**162**	**4,346**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**118**	**1**	**194**	**0**	**0**	**0**	**0**	**0**	**136**	**1,584**	**0**	**0**	**0**	**2,193**	**163**	**4,389**
	Committed Development											19				28		47
	2021 Background Traffic	**0**	**118**	**1**	**194**	**0**	**0**	**0**	**0**	**0**	**136**	**1,603**	**0**	**0**	**0**	**2,221**	**163**	**4,436**
	Project Traffic				3						3	11				12		29
	Total Future Traffic	**0**	**118**	**1**	**197**	**0**	**0**	**0**	**0**	**0**	**139**	**1,614**	**0**	**0**	**0**	**2,233**	**163**	**4,465**
Federal Highway at Avid Hotel Entrance	Raw Count	0	0	0	0	0	0	0	0	0	0	1654	0	0	0	2294	0	3948
	PSCF	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
	2019 Peak Season Volume	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,704**	**0**	**0**	**0**	**2,363**	**0**	**4,066**
	Annual Compound Growth	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	0.500%	-
	2021 Traffic	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,721**	**0**	**0**	**0**	**2,387**	**0**	**4,107**
	Committed Development											19				28		47
	2021 Background Traffic	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1,740**	**0**	**0**	**0**	**2,415**	**0**	**4,154**
	Project Traffic		14		12													26
	Total Future Traffic	**0**	**14**	**0**	**12**	**0**	**0**	**0**	**0**	**0**	**0**	**1,740**	**0**	**0**	**0**	**2,415**	**0**	**4,180**

Table 3
AM Peak Hour Queue Length, Level of Service and Delay Summary
Avid Hotel

Intersection	Auxiliary Lane Length	Existing Conditions			Queue Length (Vehicles)	Background Traffic Conditions			Queue Length (Vehicles)	Total Traffic Conditions w/New Sign			Queue Length (Vehicles)
		Movement	LOS	Delay		Movement	LOS	Delay		Movement	LOS	Delay	
Federal Highway at Dania Beach Boulevard	N/A	Overall	C	33.7	N/A	Overall	D	35.9	N/A	Overall	D	36.2	N/A
	185'	EBL	E	59.3	3.0	EBL	E	59.7	3.2	EBL	E	59.6	3.2
	N/A	EBTR	E	60 5	7.7	EBTR	E	60.8	7.8	EBTR	E	60.5	7.8
	160'	WBL	E	58.1	1.9	WBL	E	56.8	2.5	WBL	E	56.6	2.5
	N/A	WBT	D	51.1	5 9	WBT	D	48.9	5.9	WBT	D	48.7	5.9
	420'	WBR	E	57.1	19.7	WBR	E	55.4	21	WBR	E	55.3	21.1
	235'	NBL	B	14.2	0 4	NBL	B	15.6	0.5	NBL	B	15.8	0.5
	N/A	NBTR	C	22 5	21.0	NBTR	C	25.5	22.8	NBTR	C	25.9	23.3
	315'	SBL	C	20.8	8 0	SBL	C	25.2	9.5	SBL	C	26.3	9.9
	N/A	SBTR	D	35 4	22.3	SBTR	D	37.1	22.7	SBTR	D	37.3	22.9
Federal Highway at NE 1st Street	N/A	Overall	A	7.8	N/A	Overall	A	8.3	N/A	Overall	A	4.0	N/A
	N/A	EBLT	F	199 5	6.3	EBLT	F	177.8	6.1	EBL	E	77.6	2.9
	80'	EBR	E	57.4	0.7	EBR	D	54.2	0.8	EBTR	E	75.1	1.6
	N/A	WBLT	E	59 4	0.8	WBLT	E	56.5	0.8	WBLT	E	73 6	0.9
	100'	WBR	E	57.6	0.1	WBR	D	54.6	1.5	WBR	E	76.1	2
	155'	NBL	A	1.4	0.1	NBL	A	1.8	0.1	NBL	A	0.4	0
	N/A	NBTR	A	1.0	0.7	NBTR	A	1.1	0.7	NBTR	A	0.7	0.5
	150'	SBL	A	5.6	1.0	SBL	A	7.2	1.4	SBL	A	2.1	0.5
	N/A	SBTR	A	7.1	10.3	SBTR	A	8.6	11.7	SBTR	A	2.3	4 1
Federal Highway at Old Griffin Road	N/A	Overall	A	9.8	N/A	Overall	A	9.9	N/A	Overall	A	9.9	N/A
	55'	EBL	F	81.8	8.5	EBL	F	82.6	8.6	EBL	F	82.6	8.6
	N/A	EBR	E	74 4	5 3	EBR	E	75.3	5.7	EBR	E	75.3	5 7
	265'	NBL	A	4.8	0 9	NBL	A	4.9	0.9	NBL	A	5.0	0.9
	N/A	NBT	A	4 3	9 9	NBT	A	4.5	10.5	NBT	A	4.5	10.6
	N/A	SBT	A	7.2	11.6	SBT	A	7.3	11.8	SBT	A	7 4	12
	N/A	SBR	A	7 2	12 0	SBR	A	7.3	12.3	SBR	A	7 3	12.4
Federal Highway at Avid Hotel Entrance	N/A	Overall	N/A	N/A	N/A	Overall	N/A	N/A	N/A	Overall	N/A	0.2	N/A
	N/A	EBLR	N/A	N/A	N/A	EBLR	N/A	N/A	N/A	EBLR	C	23.8	0 3
	N/A	NBT	N/A	N/A	N/A	NBT	N/A	N/A	N/A	NBT	B	13 1	0.1
	N/A	SBT	N/A	N/A	N/A	SBT	N/A	N/A	N/A	SBT	A	0.0	0

Table 4
PM Peak Hour Queue Length, Level of Service and Delay Summary
Avid Hotel

Intersection	Auxiliary Lane Length	Existing Conditions			Queue Length (Vehicles)	Background Traffic Conditions			Queue Length (Vehicles)	'otal Traffic Conditions w/New Sign:			Queue Length (Vehicles)
		Movement	LOS	Delay		Movement	LOS	Delay		Movement	LOS	Delay	
Federal Highway at Dania Beach Boulevard	N/A	Overall	C	28.8	N/A	Overall	C	34.3	N/A	Overall	C	34.6	N/A
	185'	EBL	E	73.0	5.4	EBL	E	72.6	5.8	EBL	E	72.5	5.8
	N/A	EBTR	E	66.2	9.5	EBTR	E	68.1	9.7	EBTR	E	67.9	9.7
	160'	WBL	F	94.9	8.4	WBL	F	142.7	12.8	WBL	F	140.2	12.7
	N/A	WBT	E	58.6	13.0	WBT	E	57.6	13.3	WBT	E	57.4	13.3
	420'	WBR	D	47.0	17.1	WBR	D	42.4	15.8	WBR	D	41.7	15 8
	235'	NBL	B	14.4	1.9	NBL	B	16.1	2	NBL	B	16.5	2
	N/A	NBTR	C	27.4	24.2	NBTR	C	31.8	26.8	NBTR	C	32.9	27 4
	315'	SBL	C	34.4	13.6	SBL	D	43.9	13.9	SBL	D	45.0	13.8
	N/A	SBTR	A	1.0	0.6	SBTR	A	1.0	0.6	SBTR	A	1.0	0.6
Federal Highway at NE 1st Street	N/A	Overall	C	29.6	N/A	Overall	C	29.5	N/A	Overall	A	8.6	N/A
	N/A	EBLT	F	691.2	19.2	EBLT	F	691.4	19.2	EBL	E	75.8	5.6
	80'	EBR	E	56.9	1.2	EBR	E	58.0	1.5	EBTR	E	67.7	4.5
	N/A	WBLT	E	59.5	0.9	WBLT	E	60.0	1.2	WBLT	E	65.2	1.3
	100'	WBR	E	57.3	1.8	WBR	E	59.9	4.5	WBR	E	68.6	4.9
	155'	NBL	A	9.5	1.0	NBL	A	9.3	1	NBL	A	5.5	0.7
	N/A	NBTR	A	0.8	0.5	NBTR	A	,7	0.5	NBTR	A	0.6	0.4
	150'	SBL	A	7.7	2.4	SBL	A	8,7	3.3	SBL	A	5 9	2.4
	N/A	SBTR	B	12.0	22.0	SBTR	B	11.6	21.8	SBTR	A	7.4	16
Federal Highway at Old Griffin Road	N/A	Overall	C	34.5	N/A	Overall	D	38.4	N/A	Overall	D	39.8	N/A
	55'	EBL	E	71.2	10.1	EBL	E	71.1	10.2	EBL	E	70.7	10.2
	N/A	EBR	F	100.7	14.5	EBR	F	101.5	14.7	EBR	F	102.2	15
	265'	NBL	F	107.5	13 1	NBL	F	131.6	14.2	NBL	F	137.5	14.7
	N/A	NBT	A	8.0	16 7	NBT	A	8.3	17.5	NBT	A	8.5	17.9
	N/A	SBT	D	39.8	52.8	SBT	D	45.3	57.6	SBT	D	47.3	59.2
	N/A	SBR	D	44.0	58.3	SBR	F	50.5	63.7	SBR	F	52.4	64 9
Federal Highway at Avid Hotel Entrance	N/A	Overall	N/A	N/A	N/A	Overall	N/A	N/A	N/A	Overall	N/A	0.7	N/A
	N/A	EBL	N/A	N/A	N/A	EBL	N/A	N/A	N/A	EBL	F	102.2	1.7
	N/A	NBT	N/A	N/A	N/A	NBT	N/A	N/A	N/A	NBT	D	27 6	0 2
	N/A	SBT	N/A	N/A	N/A	SBT	N/A	N/A	N/A	SBT	A	0.0	0

Background Traffic Conditions

Future build-out year traffic volumes without the project were derived by applying the 0.5 percent annual growth rate to the adjusted peak-season, turning-movement counts. In addition, trips associated with the approved, but not yet constructed, Trion and Dania Beach Residences projects were added as "committed development." Tables 1 and 2 show the peak-season background traffic volumes expected during the future build-out year of 2021.

Figure 2 – Committed Development Traffic shows the trips associated with the Trion and Dania Beach Residences projects and was obtained from their traffic impact studies. Additional projects have been approved within the study area; however, these were the only two for which actual traffic impact studies were available. Given that the actual annual growth rate is minus 0.5 percent, yet an annual growth rate of plus 0.5 percent has been used, it is expected that the background conditions analysis is actually conservative, as very few additional projects are expected to be constructed in the next two years prior to this project's build out.

Appendix F – Background Traffic Conditions Analyses contains copies of the Synchro reports for the studied intersections. In addition to reporting existing intersection operating conditions, Tables 3 and 4 also provide a summary of the critical elements of the background conditions analyses and demonstrate that the studied intersections are expected to continue to operate at LOS D or better in 2021 without the project.

As in the Existing Conditions Analysis, southbound and westbound turning movements at the intersection of Federal Highway and Dania Beach Boulevard are expected to continue to exceed available storage during peak hours.

Project Trip Generation

Table 5 – Daily Trip Generation, Table 6 – AM Peak-hour Trip Generation and **Table 7 – PM Peak-hour Trip Generation** depict the trip generation for the project site. Trip generation characteristics were obtained from the ITE *Trip Generation* manual, 10th Edition. As the tables show, the proposed Avid Hotel development is anticipated to generate 758 new daily trips, 47 new a.m. peak-hour trips and 53 new p.m. peak-hour trips.

Project Distribution and Assignment

Cardinal distribution information was determined by a review of existing traffic volumes and knowledge of the local roadway network. **Figure 3 – Project Traffic Distribution** shows the traffic distribution on study area roadways.

Figure 4 – Project Trip Assignment shows the peak-hour project trips assigned to the study area roadway network in accordance with the project traffic distribution.

Table 5
Daily Trip Generation
Avid Hotel

Land Use	ITE Code	Intensity		Trip Generation Rate[1]	Total Trips			Internal Trips				Adjusted Trips			Pass-by Trips		New Trips		
					In	Out	Total	In	Out	Total	%	In	Out	Total			In	Out	Total
Proposed Use																			
Hotel	310	105	Rooms	T=11 29(X)-426 97 (50/50)	379	379	758	0	0	0	0.00%	379	379	758	0	0.00%	379	379	758
NetDifference					379	379	758	0	0	0		379	379	758	0		379	379	758

[1] Source Institute of Transportation Engineers' *Trip Generation* manual, 10th Edition.

Table 6
AM Peak-hour Trip Generation
Avid Hotel

Land Use	ITE Code	Intensity		Trip Generation Rate[1]	Total Trips			Internal Trips				Adjusted Trips			Pass-by Trips		New Trips		
					In	Out	Total	In	Out	Total	%	In	Out	Total			In	Out	Total
Proposed Use																			
Hotel	310	105	Rooms	T=0 50(X)-5 34 (59/41)	28	19	47	0	0	0	0.00%	28	19	47	0	0.00%	28	19	47
NetDifference					28	19	47	0	0	0		28	19	47	0		28	19	47

[1] Source Institute of Transportation Engineers' *Trip Generation* manual, 10th Edition.

Table 7
PM Peak-hour Trip Generation
Avid Hotel

Land Use	ITE Code	Intensity		Trip Generation Rate[1]	Total Trips			Internal Trips				Adjusted Trips			Pass-by Trips		New Trips		
					In	Out	Total	In	Out	Total	%	In	Out	Total			In	Out	Total
Proposed Use																			
Hotel	310	105	Rooms	T=0 75(X)-26 02 (51/49)	27	26	53	0	0	0	0.00%	27	26	53	0	0.00%	27	26	53
NetDifference					27	26	53	0	0	0		27	26	53	0		27	26	53

[1] Source Institute of Transportation Engineers' *Trip Generation* manual, 10th Edition

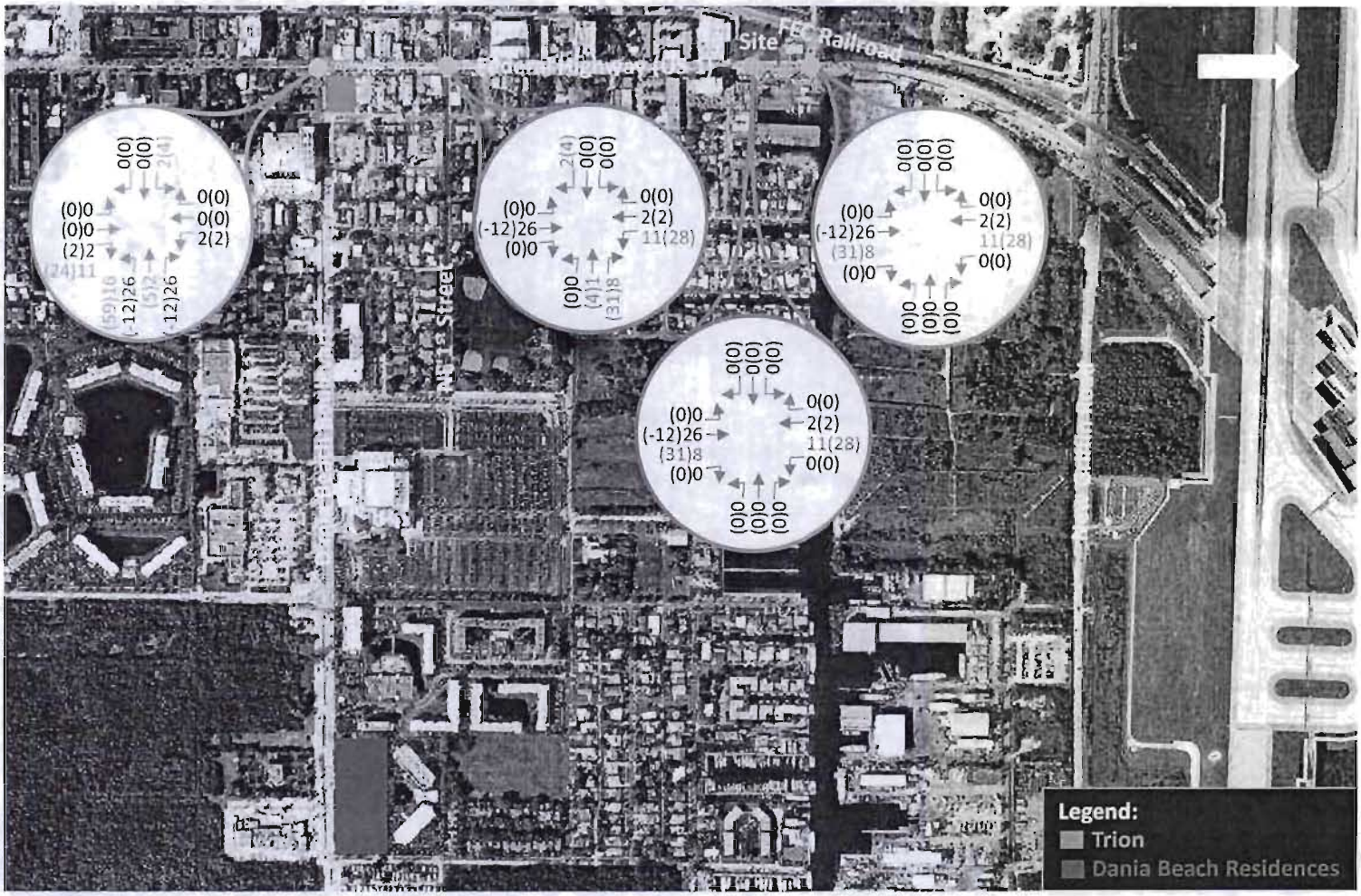

Figure 2 – Committed Development Traffic

Avid Hotel

Dania Beach, Florida

Figure 3 – Project Trip Distribution
Avid Hotel
Dania Beach, Florida

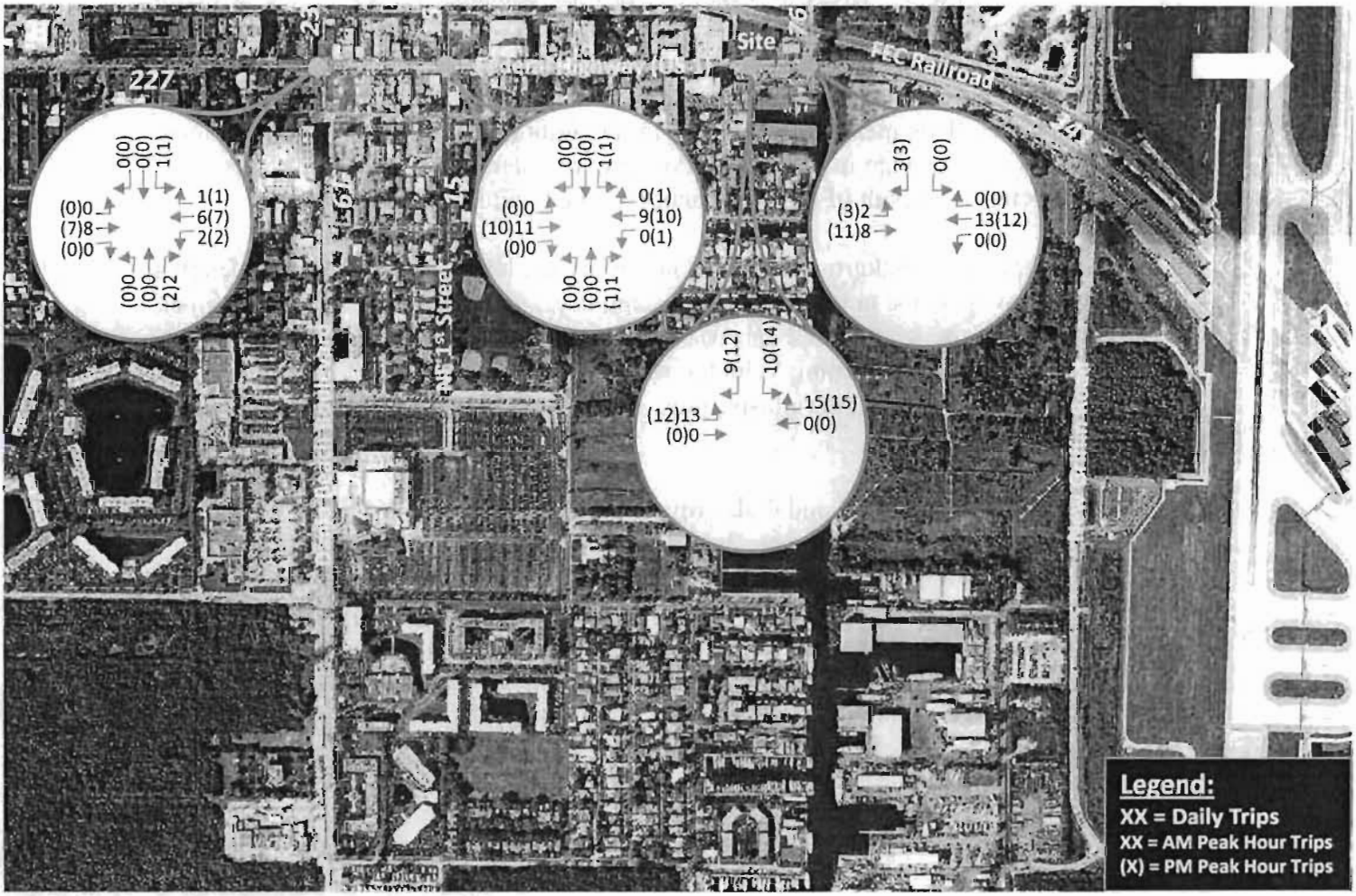

Figure 4 – Project Trips Assignment

Avid Hotel

Dania Beach, Florida

Total Traffic Conditions

Future total traffic volumes including project traffic were obtained by adding the background traffic volumes to the project traffic volumes. The resulting future total traffic volumes are shown in **Table 1 – AM Peak-hour Turning-movement Counts** and **Table 2 – PM Peak-hour Turning-movement Counts.**

Appendix G – Total Traffic Conditions Analyses contains copies of the Synchro reports for this third analysis condition. Tables 3 and 4 provide a summary of the critical elements of these analyses and demonstrate that the studied intersections, including the new intersection of Federal Highway at the project driveway, all are expected to operate at LOS D or better. This means that, even with the addition of project trips on the local roadway network, no change in Year 2021 Background intersection or approach levels of service is expected as a result of the construction of the Avid Hotel development.

As in the Existing and Background Conditions Analyses, left-turn queue storage lengths on Federal Highway, while not increasing substantially, are expected to continue to block the inside through lane southbound approaching Dania Beach Boulevard during the p.m. peak hour. Westbound left-turning vehicles will also block the through lane during the p.m. peak hour while westbound right-turning vehicles will block the through lane during the a.m. peak hour.

It should be noted that Tables 3 and 4 also reveal that the intersection of Federal Highway at NE 1st Street is expected to operate better in the Total Traffic condition than it does under Existing and Background conditions. This is due to a proposed modification of the lane assignments on the west approach. Currently, the two lanes are designated as a through-left lane and a right-turn lane. The Total Traffic analysis results demonstrate that reassigning the lanes works much better. The revised lane assignment is as follows: left-turn lane and a shared through and right-turn lane. It would seem that this change in lane assignments would be beneficial immediately. However, if not changed prior to the Avid Hotel project approval, the developer is prepared to make this modification to enhance intersection operations.

Roadway Link Capacity Analysis

Table 8 – Peak Hour Link Capacity Analysis shows the Annual Average Daily Traffic (AADT) volumes for the most heavily affected segments of the three major roadways within the study area that carry project traffic. The AADT volumes were obtained from the *FDOT 2018 Online Traffic* report (and included in Appendix B) and "grown" up to reflect 2021 volumes by the application of the 0.5 percent annual growth factor described previously. The table compares the AADT volumes to the available capacity on the roadways, as noted by Broward County's MPO. The "Project Trips" are the vehicular trips associated with the proposed Avid Hotel development. The "Roadway Capacity" was obtained from the MPO's *Roadway Capacity and Level of Service for 2017 & 2040* report and represents the maximum service volume at LOS D.

As Table 8 demonstrates, two of the affected roadways are not expected to be overcapacity at the time of project build out. However, Federal Highway was already overcapacity in 2018. A review of both the Broward County Transportation Improvement Program for 2020-2024 and the 2040 Long Range Transportation Plan, revealed that there are no plans to increase the capacity of Federal Highway in the City of Dania Beach. It is envisioned to remain a four-lane roadway with a center two-way left-turn lane.

Table 8

AADT Link Capacity Analysis

Avid Hotel

Roadway	2018 Peak-hour Volume	2021 Peak-hour Volume	Project Trips	Total Volume	Roadway Capacity[1]	Over Capacity Y/N
Dania Beach Blvd.	15,700	15,937	61	15,998	39,800	N
Federal S. of Griffin	33,000	33,497	417	33,914	32,400	Y
Old Griffin Rd.	6,600	6,699	76	6,775	13,320	N

[1]Roadway capacity values obtained from the Broward County MPO document *Roadway Capacity and Level of Service for 2017 & 2040.*

The City of Dania Beach Transportation Element's Concurrency Management System (CMS) notes:

> "The CMS provides a development order or permit shall be issued when a roadway exceeds the applicable adopted LOS standard provided one or more of the following mitigation measures apply:"

In section 2(2)(h) (Page 40), it defines one acceptable mitigation measure as:

> "The proposed development is within an area designated on the Broward County Land Use Plan for urban infill, urban redevelopment or downtown revitalization transportation concurrency area."

The proposed Avid Hotel is located within a designated Broward County Regional Activity Center and, further, is within the City of Dania Beach Community Redevelopment District. As such, the project is exempt from transportation-related concurrency requirements associated with Federal Highway's current capacity constraints.

Transportation Demand Management

The developer of Avid Hotel is seeking to implement transportation demand management (TDM) techniques to reduce traffic generated by the project and, as a result, to also reduce the parking demand within the project site. Several TDM measures have been identified for implementation as a TDM plan for the project. Those measures are:

1. Bicycle racks
2. Subsidize monthly employee bus passes
3. Flextime (Off-peak shift changes before 7:00 a.m. or after 9:00 a.m., before 4:00 p.m. or after 6:00 p.m.)
4. Carpooling plan for employees (Ensuring that the carpooling employees work the same shifts so they can ride together. Management will assist in organizing carpooling plan and supporting it with perks such as assistance with carpool vehicles, gift cards for carpool gas purchases, etc.)
5. Management recommendations for, and support of, using cellphone apps such as Google maps to determine when to travel to/from work based on local road network congestion.
6. Airport/Port shuttle service for guests.

Internal Circulation and Site Plan

The current site plan, included in **Appendix H – Site Plan**, shows a twenty-foot-wide, two-way entrance driveway to be located on the south side of the new hotel building. The driveway widens to 24 feet wide approximately 25 feet into the site and maintains that width throughout the remainder of the site.

There is an existing six-foot-wide sidewalk running north-south along Federal Highway. This sidewalk is separated from the new hotel by a five-foot-wide landscape buffer except at the southern end where the existing sidewalk is met with an on-site concrete walkway that leads pedestrians to the hotel entrance in the southeast corner of the building. The concrete walkway continues around the south side of the building after which a pedestrian will be expected to walk through the paved parking lot.

The surface parking lot has well-designed pavement markings and signing. There are stop bars and R1-1 "Stop" signs at appropriate locations within the lot. A painted crosswalk is to be located between the handicap parking spaces and an entrance doorway on the west side of the building.

Fifty-six parking spaces are to be located in the surface parking lot on the south and west sides of the Avid Hotel. Three of the 56 parking spaces are handicap spaces.

Conclusions and Recommendations

Based on the results of this analysis, it is concluded that the proposed Avid Hotel development will not have a significant impact on the adjacent roadway network. All studied intersections are expected to continue to operate at their same levels of service (an acceptable LOS D or better) with the addition of the project traffic at build out in 2021. Queue storage requirements will be similar with or without the project.

It is recommended that lane assignment pavement arrows be revised on the west approach to Federal Highway along NE 1st Street to reflect a single left-turn lane and a shared through and right-turn lane. This work, if it has not been done prior to the construction of this project, will be completed by the developer.

Appendix A – Study Methodology

Gmail

Tom Hall <tomhall1234@gmail.com>

Proposed Avid Hotel in Dania Beach, Florida

2 messages

Tom Hall <tomhall1234@gmail.com> Thu, Aug 1, 2019 at 3:46 PM
To: mlaferrier@daniabeachfl.gov

Mr. LaFerrier,

My firm has been asked to provide a proposal to complete a traffic impact study for a 105-room Avid Hotel that is proposed for the empty lot on the west side of US 1 immediately south of the the Chevron gas station at the intersection of US 1 and Old Griffin Road. I believe the address of the project site is 321 S Federal Highway.

I previously studied this site about five years ago when another hotel operator was interested. At the time, I consulted with Ronnie Navarro on the study methodology. He requested that we look at the following intersections:

US 1 at Stirling Road
US 1 at Dania Beach Boulevard
US 1 at 1st Street
US 1 at the project entrances
US 1 at Old Griffin Road

While actually conducting the study, I had the intersection of US 1 at 2nd Street added because of the particular access configuration shown in that project's site plan.

As a result of that study, I became convinced that the study of the intersection of Stirling Road at US 1 was kind of a waste. The traffic to and from the proposed hotel is heavily oriented to the north towards the airport and Port Everglades and, to a lesser extent, oriented to the beach. Basically, no significant project traffic is going south of Dania Beach Boulevard!

I propose that the new study examine the traffic impacts on US 1 between Dania Beach Boulevard and Old Griffin Road, as those are the impacts that might affect the City of Dania Beach. This would be the following intersections:

US 1 at Dania Beach Boulevard
US 1 at 1st Street
US 1 at the project entrance
US 1 at Old Griffin Road

We will, of course, study the existing, background, and future total traffic conditions and will discuss multi-modal opportunities and TDM strategies as a part of the study. If there is committed development traffic data available from the City, we will include that information in the background traffic assessment.

If this proposed methodology is acceptable to you, please let me know as soon as possible. The client is in a hurry, so I want to get back to them quickly.

Thanks,

Thomas A. Hall, President
Thomas A. Hall, Inc.
1355 Adams Street
Hollywood, FL 33019
954-288-4447
tomhall1234@gmail.com

Tom Hall <tomhall1234@gmail.com> Thu, Aug 1, 2019 at 3:47 PM
To: Eric Czerniejewski <ECzerniejewski@cgasolutions.com>

Eric,

Hey, I got your voicemail and sent the email below to Marc.

Thanks for your help.

Thomas A. Hall, President
Thomas A. Hall, Inc.
1355 Adams Street
Hollywood, FL 33019
954-288-4447
tomhall1234@gmail.com

[Quoted text hidden]

Appendix B - Traffic Counts

DANIA BEACH BLVD AT FEDERAL HWY
BROWARD COUNTY, FLORIDA
COUNTED BY:
SIGNALIZED

THOMAS A. HALL, INC.
1355 ADAMS STREET
HOLLYWOOD, FL 33019
954-288-4447

Site Code: 10031
Start Date: 8/6/2019
File I.D.: DANIA
Page: 1

ALL VEHICLES

	DANIA BEACH BLVD From West				DANIA BEACH BLVD From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/6/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
7:00	0	6	8	0	1	7	12	72	0	3	169	22	0	48	92	7	447
7:15	0	4	10	2	0	16	21	100	0	3	193	25	0	74	124	7	579
7:30	0	4	14	5	0	12	16	88	0	3	266	23	0	58	133	6	628
7:45	0	6	12	2	0	15	27	92	0	2	276	26	0	72	188	14	732
Hr Total	0	20	44	9	1	50	76	352	0	11	904	96	0	252	537	34	2386
8:00	0	8	17	3	0	19	20	92	0	3	256	23	0	65	193	10	709
8:15	0	12	27	2	0	15	19	105	0	7	243	28	0	58	191	8	715
8:30	0	6	21	4	2	22	23	78	1	3	261	16	0	72	190	13	712
8:45	0	6	14	6	1	24	47	93	0	2	207	29	0	66	167	5	667
Hr Total	0	32	79	15	3	80	109	368	1	15	967	96	0	261	741	36	2803
* BREAK *																	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* BREAK *																	
16:00	0	9	14	8	0	25	25	112	0	7	254	33	0	90	212	3	792
16:15	0	9	21	4	2	32	43	95	0	10	276	25	0	104	221	9	851
16:30	0	13	30	7	1	33	48	99	0	14	284	27	0	92	231	10	890
16:45	0	22	24	7	2	28	52	59	1	18	269	23	0	101	242	9	857
Hr Total	0	53	89	26	5	118	168	365	1	49	1083	108	0	388	906	31	3390
17:00	0	19	24	8	4	30	49	76	1	13	276	20	0	97	259	8	884
17:15	0	10	24	8	1	26	44	99	0	14	286	28	0	93	265	5	903
17:30	0	12	24	5	2	26	37	62	0	6	279	25	0	110	271	7	866
17:45	0	8	30	3	2	36	50	67	0	8	281	26	0	77	258	6	852
Hr Total	0	49	102	24	9	118	180	304	1	41	1122	99	0	377	1053	26	3505
TOTAL	0	154	314	74	18	366	533	1389	3	116	4076	394	0	1278	3237	127	12084

THOMAS A. HALL, INC.
1355 ADAMS STREET
HOLLYWOOD, FL 33019
954-288-4447

DANIA BEACH BLVD AT FEDERAL HWY
BROWARD COUNTY, FLORIDA
COUNTED BY:
SIGNALIZED

Site Code: 10031
Start Date: 8/6/19
File I.D.: DANIA
Page: 2

ALL VEHICLES

	DANIA BEACH BLVD From West				DANIA BEACH BLVD From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/6/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
Peak Hour Analysis By Entire Intersection for the Period: 07:00 to 09:00 on 8/6/2019																	
Peak start 07:45					07:45				07:45				07:45				
Volume	0	32	77	11	2	71	89	367	1	15	1036	93	0	267	762	45	2868
Percent	0%	27%	64%	9%	0%	13%	17%	69%	0%	1%	90%	8%	0%	25%	71%	4%	
Pk total	120				529				1145				1074				
Highest	8:15				8:15				7:45				8:30				
Volume	0	12	27	2	0	15	19	105	0	2	276	26	0	72	190	13	
Hi total	41				139				304				275				
PHF	0.73				0.95				0.94				0.98				
Peak Hour Analysis By Entire Intersection for the Period: 11:00 to 01:00 on 8/6/2019																	
Peak start 12:00					12:00				12:00				12:00				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	
Pk total	0				0				0				0				
Highest	12:15				12:45				12:15				12:30				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hi total	0				0				0				0				
PHF	#####				#####				#####				#####				
Peak Hour Analysis By Entire Intersection for the Period: 16:00 to 18:00 on 8/6/2019																	
Peak start 16:30					16:30				16:30				16:30				
Volume	0	64	102	30	8	117	193	333	2	59	1115	98	0	384	997	32	3534
Percent	0%	33%	52%	15%	1%	18%	30%	51%	0%	5%	88%	8%	0%	27%	71%	2%	
Pk total	196				651				1274				1413				
Highest	16:45				16:30				17:15				17:00				
Volume	0	22	24	7	1	33	48	99	0	14	286	26	0	97	259	8	
Hi total	53				181				328				364				
PHF	0.92				0.90				0.97				0.97				

SE 1ST STREET AT FEDERAL HWY
BROWARD COUNTY,FLORIDA
COUNTED BY:
SIGNALIZED

THOMAS A. HALL, INC.
1355 ADAMS STREET
HOLLYWOOD, FL 33019
954-288-4447

Site Code: 10031
Start Date: 8/7/2019
File I.D.: DANIA
Page: 3

ALL VEHICLES

	SE 1ST STREET From West				SE 1ST STREET From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/7/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
7:00	0	3	2	3	0	1	2	5	0	3	190	0	0	9	137	0	355
7:15	0	4	1	3	0	0	0	4	0	2	237	2	0	5	191	3	452
7:30	0	9	1	4	0	1	1	13	0	1	304	2	0	6	217	11	570
7:45	0	2	0	13	0	1	0	10	0	4	336	2	0	15	253	8	644
Hr Total	0	18	4	23	0	3	3	32	0	10	1067	6	0	35	798	22	2021
8:00	1	10	3	2	0	1	1	11	0	2	337	2	0	8	219	4	601
8:15	0	10	1	5	0	0	4	14	0	2	326	2	0	16	278	6	664
8:30	0	10	4	9	0	2	2	3	0	6	295	2	0	12	259	4	608
8:45	0	3	2	8	0	3	6	7	0	4	203	3	0	10	148	1	396
Hr Total	1	33	10	24	0	6	13	35	0	14	1161	9	0	46	904	15	2271
* BREAK *																	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* BREAK *																	
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* BREAK *																	
16:00	0	15	3	13	0	5	1	5	0	9	247	2	0	19	327	7	653
16:15	0	12	[illegible]	6	0	5	3	21	1	7	239	2	0	18	313	4	636
16:30	0	13	2	6	0	0	0	4	0	3	271	2	0	11	328	4	648
16:45	0	14	10	11	0	1	4	22	0	4	260	2	0	22	338	10	698
Hr Total	0	54	20	36	0	[illegible]	8	52	1	23	1017	8	0	70	1306	27	2635
17:00	0	17	6	6	0	1	2	15	0	5	338	3	0	24	359	9	795
17:15	0	11	5	10	0	1	3	13	0	11	280	3	0	15	408	8	768
17:30	0	15	7	6	0	2	2	7	0	8	278	5	0	32	414	16	792
17:45	0	13	13	12	0	1	0	13	0	9	273	4	0	33	434	13	821
Hr Total	0	56	31	34	0	5	7	48	0	33	1169	15	0	104	1615	46	[illegible]
TOTAL	1	161	65	117			31	167	1	80	4414	38		255	4623		[illegible]

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SE 1ST STREET AT FEDERAL HWY
BROWARD COUNTY, FLORIDA
COUNTED BY:
SIGNALIZED

Site Code: 10031
Start Date: 8/7/19
File I.D.: DANIA
Page: 4

ALL VEHICLES

	SE 1ST STREET From West				SE 1ST STREET From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/7/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
Peak Hour Analysis By Entire Intersection for the Period: 07:00 to 09:00 on 8/7/2019																	
Peak start	7:45				7:45				7:45				7:45				
Volume	1	32	8	29	0	4	7	38	0	14	1294	8	0	51	1009	22	2517
Percent	1%	46%	11%	41%	0%	8%	14%	78%	0%	1%	98%	1%	0%	5%	93%	2%	
Pk total	70				49				1316				1082				
Highest	8:30				8:15				7:45				8:15				
Volume	0	10	4	9	0	0	4	14	0	4	336	2	0	16	278	6	
Hi total	23				18				342				300				
PHF	0.76				0.68				0.96				0.90				
Peak Hour Analysis By Entire Intersection for the Period: 11:00 to 01:00 on 8/7/2019																	
Peak start	12:00				12:00				12:00				12:00				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	
Pk total	0				0				0				0				
Highest	12:00				12:00				12:30				12:30				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hi total	0				0				0				0				
PHF	#####				#####				#####				#####				
Peak Hour Analysis By Entire Intersection for the Period: 16:00 to 18:00 on 8/7/2019																	
Peak start	17:00				17:00				17:00				17:00				
Volume	0	56	31	34	0	5	7	48	0	33	1169	15	0	104	1615	48	3165
Percent	0%	46%	26%	28%	0%	8%	12%	80%	0%	3%	96%	1%	0%	6%	91%	3%	
Pk total	121				60				1217				1767				
Highest	17:45				17:00				17:00				17:45				
Volume	0	13	13	12	0	1	2	15	0	5	338	3	0	33	434	15	
Hi total	38				18				346				482				
PHF	0.80				0.83				0.88				0.92				

THOMAS A. HALL, INC.
1355 ADAMS STREET
HOLLYWOOD, FL 33019
954-288-4447

OLD GRIFFIN RD AT FEDERAL HWY
BROWARD COUNTY, FLORIDA
COUNTED BY:
SINGNALIZED

Site Code: 10031
Start Date: 8/8/2019
File I.D.: DANIA
Page: 5

ALL VEHICLES

	OLD GRIFFIN ROAD From West				OLD GRIFFIN ROAD From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/8/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
7:00	0	8	0	26	0	0	0	0	0	9	226	0	0	0	207	13	489
7:15	0	16	0	26	0	0	0	0	0	16	335	0	0	0	255	8	658
7:30	0	16	0	24	0	0	0	0	0	15	355	0	0	0	287	11	708
7:45	0	31	0	28	0	0	0	0	0	19	390	0	1	0	287	7	763
Hr Total	0	71	0	104	0	0	0	0	0	61	1306	0	1	0	1036	39	2618
8:00	0	21	0	12	0	0	0	0	0	22	335	0	0	0	273	17	680
8:15	0	16	0	24	0	0	0	0	0	22	360	0	0	0	276	12	710
8:30	0	13	0	31	0	0	0	0	0	22	373	0	0	0	310	14	763
8:45	0	8	0	38	0	0	0	0	0	27	307	0	0	0	313	18	711
Hr Total	0	58	0	105	0	0	0	0	0	93	1375	0	0	0	1172	61	2864
* BREAK *																	
11:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
* BREAK *																	
16:00	0	20	1	31	0	0	0	1	0	22	248	0	0	0	322	26	671
16:15	0	24	1	35	0	0	0	0	0	37	328	0	0	1	396	38	860
16:30	0	21	0	34	0	0	1	2	0	22	268	0	0	1	314	21	684
16:45	1	33	0	57	0	0	0	0	0	46	241	0	0	0	368	48	794
Hr Total	1	98	2	157	0	0	1	3	0	127	1085	0	0	2	1400	133	3009
17:00	0	30	0	30	0	[illegible]	[illegible]	0	[illegible]	37	375	0	0	0	508	34	1014
17:15	0	29	0	66	0	[illegible]	[illegible]	[illegible]	[illegible]	39	425	0	0	0	546	38	1143
17:30	0	28	1	54	0	[illegible]	[illegible]	[illegible]	[illegible]	35	342	0	0	0	534	38	1032
17:45	0	26	0	36	0	[illegible]	[illegible]	[illegible]	[illegible]	20	381	0	0	0	520	47	1030
Hr Total	0	113	1	186	0	[illegible]	[illegible]	[illegible]	[illegible]	131	1523	0	0	0	2108	157	4219
TOTAL	1	340	3	552	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	412	5289	0	1	2	5716	390	12710

THOMAS A. HALL, INC.
1355 ADAMS STREET
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954-288-4447

OLD GRIFFIN RD AT FEDERAL HWY
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COUNTED BY:
SINGNALIZED

Site Code: 10031
Start Date: 8/8/19
File I.D.: DANIA
Page: 6

ALL VEHICLES

	OLD GRIFFIN ROAD From West				OLD GRIFFIN ROAD From East				FEDERAL HIGHWAY From South				FEDERAL HIGHWAY From North				
Date 8/8/2019	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Uturn	Left	Thru	Right	Total
Peak Hour Analysis By Entire Intersection for the Period: 07:00 to 09:00 on 8/8/2019																	
Peak start	7:45				7:45				7:45				7:45				
Volume	0	81	0	95	0	0	0	0	0	85	1458	0	1	0	1146	50	2916
Percent	0%	46%	0%	54%	#####	#####	#####	#####	0%	6%	94%	0%	0%	0%	96%	4%	
Pk total	176				0				1543				1197				
Highest	7:45				8:30				7:45				8:30				
Volume	0	31	0	28	0	0	0	0	0	19	390	0	0	0	310	14	
Hi total	59				0				409				324				
PHF	0.75				#####				0.94				0.92				
Peak Hour Analysis By Entire Intersection for the Period: 11:00 to 01:00 on 8/8/2019																	
Peak start	12:00				12:00				12:00				12:00				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	#####	
Pk total	0				0				0				0				
Highest	12:30				12:30				12:30				12:30				
Volume	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hi total	0				0				0				0				
PHF	#####				#####				#####				#####				
Peak Hour Analysis By Entire Intersection for the Period: 16:00 to 18:00 on 8/8/2019																	
Peak start	17:00				17:00				17:00				17:00				
Volume	0	113	1	186	0	0	0	0	0	131	1523	0	0	0	2108	157	4219
Percent	0%	38%	0%	62%	#####	#####	#####	#####	0%	8%	92%	0%	0%	0%	93%	7%	
Pk total	300				0				1654				2265				
Highest	17:15				17:15				17:15				17:15				
Volume	0	29	0	66	0	0	0	0	0	39	425	0	0	[illegible]	546	38	
Hi total	95				0				464				584				
PHF	0.79				#####				0.89				0.97				

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2018 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0080 - SR A1A / DANIA BCH BLVD - E OF SR 5/US 1

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2018	15700 C	E 7700	W 8000	9.00	54.10	5.20
2017	16300 C	E 8000	W 8300	9.00	53.80	5.20
2016	16700 C	E 8100	W 8600	9.00	55.20	8.70
2015	18500 C	E 8600	W 9900	9.00	54.90	8.70
2014	20700 C	E 11000	W 9700	9.00	54.50	8.70
2013	19100 C	E 8600	W 10500	9.00	54.60	4.50
2012	20000 C	E 10500	W 9500	9.00	55.00	4.50
2011	18500 C	E 10000	W 8500	9.00	54.50	2.30
2010	19800 C	E 9300	W 10500	9.37	54.06	2.30
2009	20700 C	E 9700	W 11000	9.31	53.74	2.30
2008	19200 C	E 10000	W 9200	9.70	54.48	8.20
2007	22000 C	E 11000	W 11000	9.10	53.47	8.20
2006	20400 C	E 9900	W 10500	9.48	53.59	2.90
2005	20000 C	E 9500	W 10500	10.60	58.90	5.20
2004	19200 C	E 9200	W 10000	10.40	56.30	5.20
2003	23500 C	E 11000	W 12500	9.20	55.90	2.60

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2018 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0631 - OLD GRIFFIN RD - EAST OF SR-818/GRIFFIN ROAD (DUMMY SITE FROM EB 867319)

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2018	6600 S	0	0	9.00	99.90	6.00
2017	6600 F	0	0	9.00	99.90	6.20
2016	6600 C	E 6600	0	9.00	99.90	2.30
2015	5300 V	0	0	9.00	99.90	3.40
2014	5200 R			9.00	99.90	7.40
2013	5200 T	0	0	9.00	99.90	7.60
2012	5200 S	0	0	9.00	99.90	5.90
2011	5200 F	0	0	9.00	99.90	6.30
2010	5200 C	E 5200	0	8.35	99.99	9.30

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2018 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 5037 - SR 5/US 1 - N OF DANIA BCH BLVD/SR A1A

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2018	33000 C	N 16500	S 16500	9.00	54.10	4.40
2017	47500 C	N 23500	S 24000	9.00	53.80	6.60
2016	34000 C	N 17000	S 17000	9.00	55.20	6.60
2015	35000 C	N 17500	S 17500	9.00	54.90	6.60
2014	33000 C	N 17000	S 16000	9.00	54.50	2.90
2013	37500 C	N 18000	S 19500	9.00	54.60	2.80
2012	40000 C	N 20000	S 20000	9.00	55.00	2.60
2011	39000 C	N 20000	S 19000	9.00	54.50	2.60
2010	37000 C	N 18500	S 18500	9.37	54.06	2.60
2009	42000 C	N 20500	S 21500	9.31	53.74	5.00
2008	37500 C	N 18500	S 19000	9.70	54.48	5.00
2007	36500 C	N 19000	S 17500	9.10	53.47	2.10
2006	42500 C	N 21000	S 21500	9.48	53.59	3.00
2005	39500 C	N 19500	S 20000	10.60	58.90	3.00
2004	39500 C	N 20000	S 19500	10.40	56.30	3.00
2003	40500 C	N 20500	S 20000	9.20	55.90	3.00

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
F = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

Appendix C – Adjustment Factors

2018 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
CATEGORY: 8601 CEN.-W OF US1 TO SR7

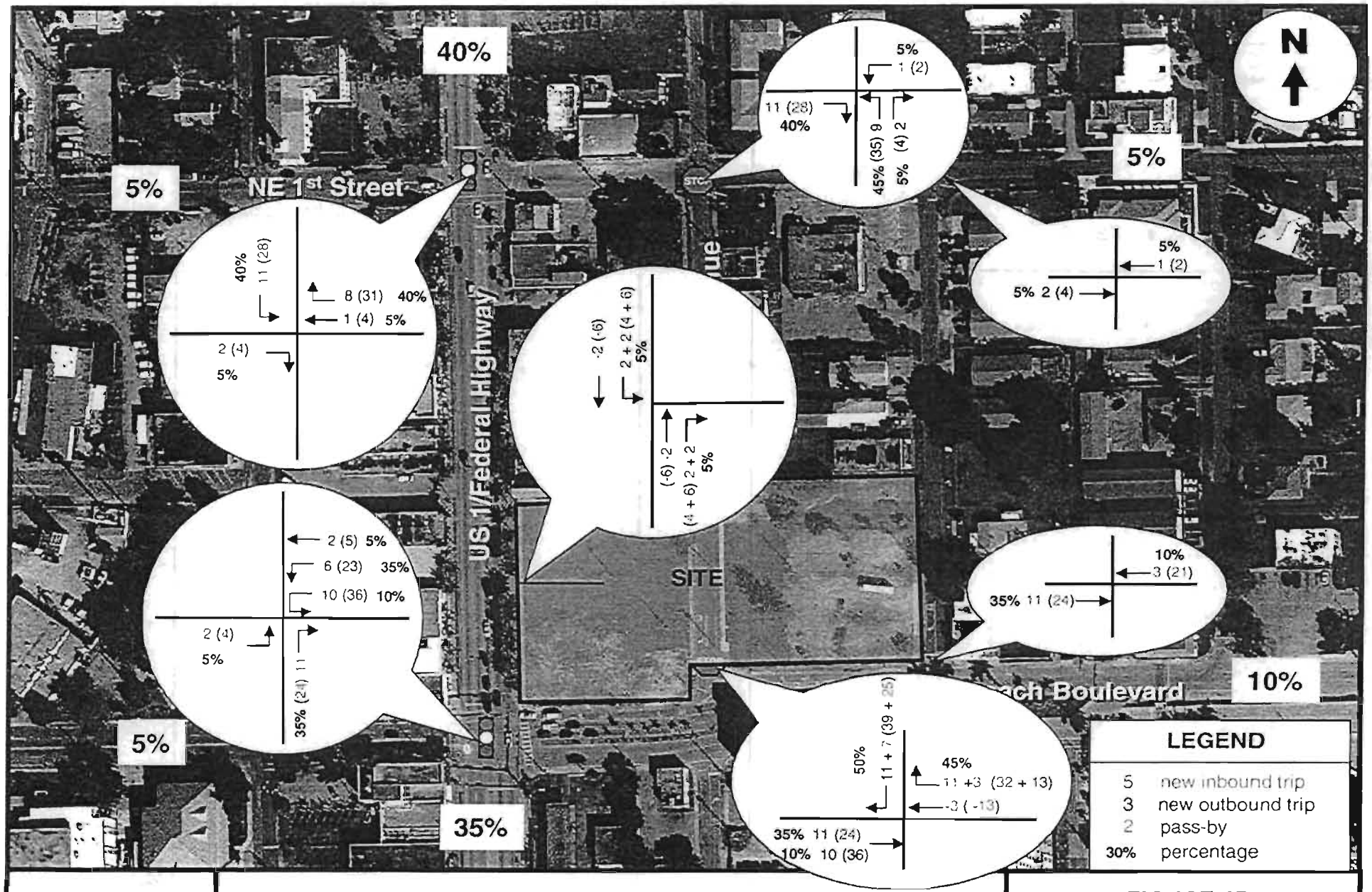
MOCF: 0.98

WEEK	DATES	SF	PSCF
1	01/01/2018 - 01/06/2018	1.00	1.02
2	01/07/2018 - 01/13/2018	1.01	1.03
3	01/14/2018 - 01/20/2018	1.01	1.03
4	01/21/2018 - 01/27/2018	1.00	1.02
* 5	01/28/2018 - 02/03/2018	0.99	1.01
* 6	02/04/2018 - 02/10/2018	0.97	0.99
* 7	02/11/2018 - 02/17/2018	0.96	0.98
* 8	02/18/2018 - 02/24/2018	0.96	0.98
* 9	02/25/2018 - 03/03/2018	0.96	0.98
*10	03/04/2018 - 03/10/2018	0.97	0.99
*11	03/11/2018 - 03/17/2018	0.97	0.99
*12	03/18/2018 - 03/24/2018	0.97	0.99
*13	03/25/2018 - 03/31/2018	0.98	1.00
*14	04/01/2018 - 04/07/2018	0.98	1.00
*15	04/08/2018 - 04/14/2018	0.98	1.00
*16	04/15/2018 - 04/21/2018	0.99	1.01
*17	04/22/2018 - 04/28/2018	1.00	1.02
18	04/29/2018 - 05/05/2018	1.01	1.03
19	05/06/2018 - 05/12/2018	1.02	1.04
20	05/13/2018 - 05/19/2018	1.03	1.05
21	05/20/2018 - 05/26/2018	1.03	1.05
22	05/27/2018 - 06/02/2018	1.03	1.05
23	06/03/2018 - 06/09/2018	1.02	1.04
24	06/10/2018 - 06/16/2018	1.02	1.04
25	06/17/2018 - 06/23/2018	1.02	1.04
26	06/24/2018 - 06/30/2018	1.02	1.04
27	07/01/2018 - 07/07/2018	1.02	1.04
28	07/08/2018 - 07/14/2018	1.03	1.05
29	07/15/2018 - 07/21/2018	1.03	1.05
30	07/22/2018 - 07/28/2018	1.02	1.04
31	07/29/2018 - 08/04/2018	1.02	1.04
32	08/05/2018 - 08/11/2018	1.01	1.03
33	08/12/2018 - 08/18/2018	1.01	1.03
34	08/19/2018 - 08/25/2018	1.01	1.03
35	08/26/2018 - 09/01/2018	1.02	1.04
36	09/02/2018 - 09/08/2018	1.02	1.04
37	09/09/2018 - 09/15/2018	1.03	1.05
38	09/16/2018 - 09/22/2018	1.02	1.04
39	09/23/2018 - 09/29/2018	1.01	1.03
40	09/30/2018 - 10/06/2018	1.01	1.03
41	10/07/2018 - 10/13/2018	1.00	1.02
42	10/14/2018 - 10/20/2018	1.00	1.02
43	10/21/2018 - 10/27/2018	1.00	1.02
44	10/28/2018 - 11/03/2018	1.00	1.02
45	11/04/2018 - 11/10/2018	1.01	1.03
46	11/11/2018 - 11/17/2018	1.01	1.03
47	11/18/2018 - 11/24/2018	1.01	1.03
48	11/25/2018 - 12/01/2018	1.01	1.03
49	12/02/2018 - 12/08/2018	1.00	1.02
50	12/09/2018 - 12/15/2018	1.00	1.02
51	12/16/2018 - 12/22/2018	1.01	1.03
52	12/23/2018 - 12/29/2018	1.01	1.03
53	12/30/2018 - 12/31/2018	1.01	1.03

* PEAK SEASON

Annual Growth Factor Worksheet
Avid Hotel

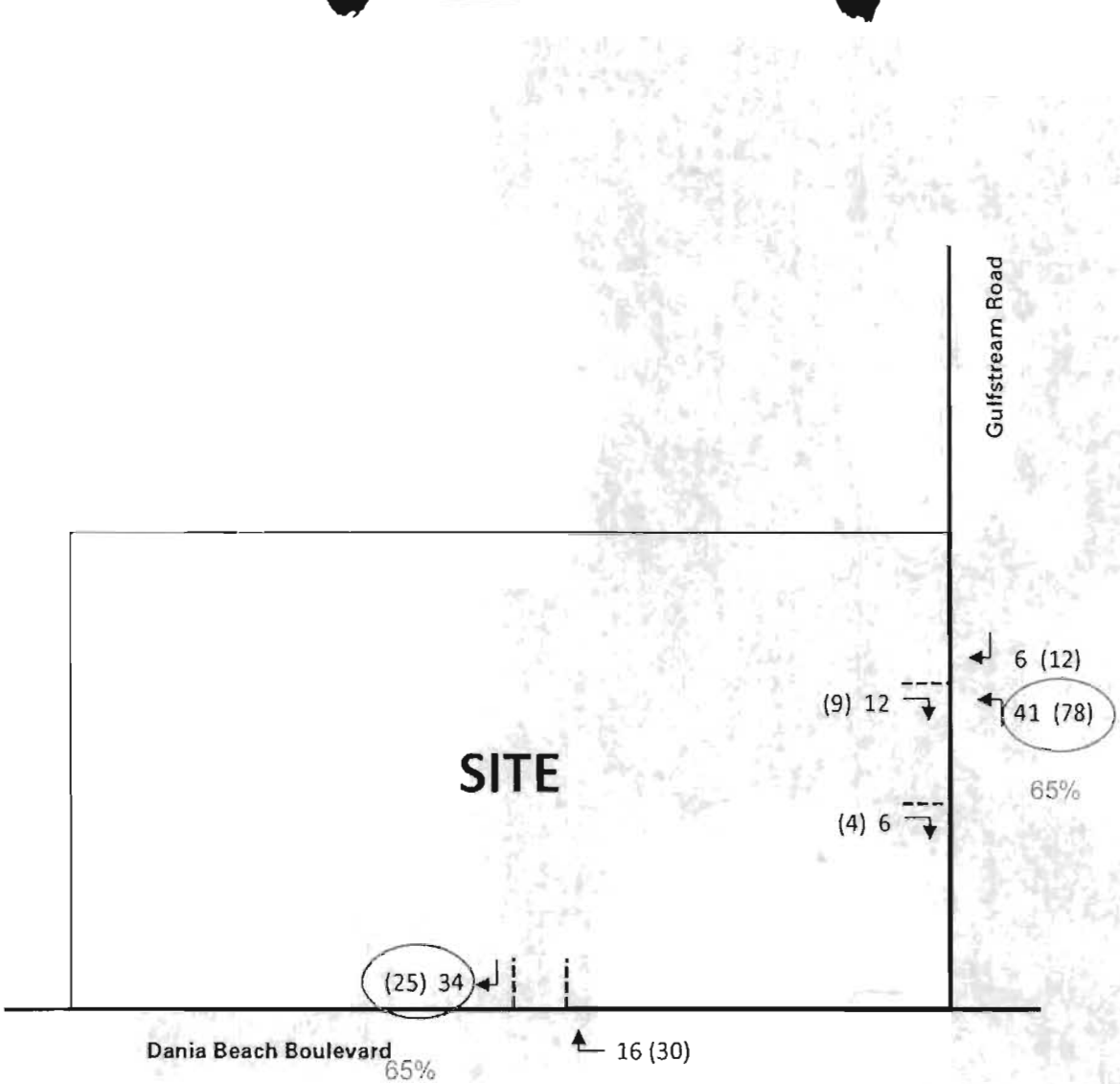
Count Station	2013 AADT	2018 AADT	Annual Compound Growth	Adjusted Annual Compound Growth
Site 860080 - Dania Beach Blvd E of US 1	19100	15700	-3.85%	-3.85%
Site 865037 - US 1 N of Dania Beach Blvd	37500	33000	-2.53%	-2.53%
Site 860631 - Old Griffin Rd S of SR 818	5200	6600	4.88%	4.88%
Assumed Annual Compound Growth Rate				**-0.50%**



Traf Tech
ENGINEERING, INC.

NEW PROJECT TRAFFIC ASSIGNMENT - RETAIL
Weekday New Peak Hour Trips AM & (PM)

FIGURE 4B
Trion
Dania Beach, Florida



LEGEND	
	Driveway
29	AM Peak Hour
(61)	PM Peak Hour

LANGAN ENGINEERING ENVIRONMENTAL GROUP 15150 NW 79th Court, Suite 200, Miami Lakes, FL 33016 P 786 264 7221 F 786 264 7201 www.langan.com FL CERTIFICATE OF AUTHORIZATION No 00006601	Project DANIA BEACH RESIDENCES CITY OF DANIA BEACH BROWARD COUNTY FLORIDA	Figure Title DRIVEWAY VOLUMES	Project No 330016001 Date 10/31/2016 Scale NTS	FIGURE 2

APPENDIX E - TRIP GENERATION ANALYSIS

DAILY

Land Use	ITE Code	Intensity	Trip Generation Rate	In	Out	Total Trips			Pass-by		Net New Trips		
						In	Out	Total	Trips	%	In	Out	Total
Existing Uses													
Shopping Center	820	35,348 SF	T= 0.65 Ln(X) + 5.83	50%	50%	1,727	1,727	3,454	1,174	34%	1,140	1140	2280
Proposed Uses													
High Turnover Restaurant	932	2,100 SF	T= 127.2 (X)	50%	50%	134	133	267	115	43%	76	76	152
Specialty Retail	826	2,700 SF	T= 44.32 (X)	50%	50%	60	60	120	41	34%	39	40	79
High-Rise Apartment	222	386 DU	T= 0.83 Ln(X) + 2.5	50%	50%	854	854	1,708	0	0%	854	854	1708
Total						1,048	1,047	2,095	156		969	970	1,939
Net Difference						-679	-680	-1,359			-171	-170	-341

MORNING PEAK HOUR

Land Use	ITE Code	Intensity	Trip Generation Rate	In	Out	Total Trips			Pass-by		Net New Trips		
						In	Out	Total	Trips	%	In	Out	Total
Existing Uses													
Shopping Center	820	35,348 SF	T= 0.61 Ln(X) + 2.24	62%	38%	51	32	83	28	34%	37	18	55
Proposed Uses													
High Turnover Restaurant	932	2,100 SF	T= 10.81 (X)	55%	45%	13	10	23	10	43%	8	5	13
Specialty Retail	826	2,700 SF	T= 6.84 (X)	48%	52%	9	9	18	6	34%	6	6	12
High-Rise Apartment	222	386 DU	T= 0.99 Ln(X) - 1.14	25%	75%	29	87	116	0	0%	29	87	116
Total						51	106	157	16		43	98	141
Net Difference						0	74	74			6	80	86

AFTERNOON PEAK HOUR

Land Use	ITE Code	Intensity	Trip Generation Rate	In	Out	Total Trips			Pass-by		Net New Trips		
						In	Out	Total	Trips	%	In	Out	Total
Existing Uses													
Shopping Center	820	35,348 SF	T= 0.67 Ln(X) + 3.31	48%	52%	143	155	298	101	34%	92	105	197
Proposed Uses													
High Turnover Restaurant	932	2,100 SF	T= 9.85 (X)	60%	40%	13	8	21	9	43%	8	4	12
Specialty Retail	826	2,700 SF	T= 2.4 (X) + 21.48	44%	56%	12	16	28	10	34%	7	11	18
High-Rise Apartment	222	386 DU	T= 0.32 (X) + 12.3	61%	39%	83	53	136	0	0%	83	53	136
Total						108	77	185	19		98	68	166
Net Difference						-35	-78	-113			6	-37	-31

LANGAN

Appendix D – Traffic Signal Timing Plans

Broward County Timing Sheet 8/19/2019 7:05:50 AM

Station : 3068 - US 1 & Old Griffin Rd (Standard File)

Phase	1	2 (NT)	3	4 (ET)	5 (NL)	6 (ST)	7	8	9	10	11	12	13	14	15	16
Walk		7		5		7										
Ped Clearance				19		16										
Min Green		15		10	4	15										
Gap Ext		3		3	1.5	3										
Max1		50		35	20	50										
Max2																
Yellow Clr		4		4	4	4			3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clr		2		2	2	2			1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Red Revert																
Added Initial																
Max Initial																
Time Before Reduce																
Cars Before Reduce																
Time To Reduce																
Reduce By																
Min Gap																
Dynamic Max Limit																
Dynamic Max Step																
Enable		ON		ON	ON	ON										
Auto Flash Entry				ON												
Auto Flash Exit		ON				ON										
Non-Actuated 1																
Non-Actuated 2																
Lock Call									ON	ON	ON	ON	ON	ON	ON	ON
Min Recall		ON				ON										
Max Recall																
Ped Recall																
Soft Recall																
Dual Entry		ON				ON										
Sim Gap Enable		ON				ON			ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage																
Rest In Walk						ON										
Cond Service																
Add Init Calc																

Preemption

Channel	1	2	3	4	5	6
Lock Input	ON	ON	ON	ON	ON	ON
Override Auto Flash				ON		ON
Override Higher Preempt	ON	ON		ON		ON
Flash in Dwell						
Link to Preempt						
Delay						
Min Duration						
Min Green			6		6	6
Min Walk						
Ped Clear						
Track Green	20				1	
Min Dwell	6		8		8	8
Max Presence			180		180	180
Track Veh 1	4				9	
Track Veh 2						
Track Veh 3						
Track Veh 4						
Dwell Cyc Veh 1	2		2		2	4
Dwell Cyc Veh 2	6		6		5	
Dwell Cyc Veh 3						
Dwell Cyc Veh 4						
Dwell Cyc Veh 5						
Dwell Cyc Veh 6						

Preempt LP

Channel	1	2	3	4
Min				
Max				
Enable				
Lock Mode	MAX	MAX	MAX	MAX
Coord in Preempt				
No Skip				
Priority P1				
Priority P2				
Priority P3				
Priority P4				
Lock				
Headway				
Group Lock				
Queue Jump				
Free Mode				
Alt Table				

Dwell Cyc Veh 7						
Dwell Cyc Veh 8						
Dwell Cyc Veh 9						
Dwell Cyc Veh 10						
Dwell Cyc Veh 11						
Dwell Cyc Veh 12						
Dwell Cyc Ped1						
Dwell Cyc Ped2						
Dwell Cyc Ped3						
Dwell Cyc Ped4						
Dwell Cyc Ped5						
Dwell Cyc Ped6						
Dwell vPed7						
Dwell Cyc Ped8						
Exit 1	2		4		2	2
Exit 2	5				6	5
Exit 3						
Exit 4						

Prepared By	Date Implemented
Reviewed By	Traffic Engineer

Broward County Timing Sheet 8/19/2019 7:05:50 AM

Station : 3068 - US 1 & Old Griffin Rd (Standard File)

Coordination

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 1											**Easy**															
		100	254																							
6		2	2	160	23	2	1	10	50		20	74		66	20	74		66								
9		3	3	160	30	3	1	10	50		24	101		35	24	101		35								
15		4	4	160	110	4	1	10	50		22	103		35	22	103		35								
20		3	3	160	30	3	1	10	50		24	101		35	24	101		35								
Day Plan 2											**Easy**															
		3	3	160	30	3	1	10	50		24	101		35	24	101		35								
1		100	254																							
6	30	3	3	160	30	3	1	10	50		24	101		35	24	101		35								

Day Plan 3											**Easy**																
		3	3	160	30	3	1	10	50		24	101		35	24	101		35									
1		100	254																								
6	30	3	3	160	30	3	1	10	50		24	101		35	24	101		35									
23		100	254																								

Broward County Timing Sheet 8/19/2019 7:05:50 AM

Station : 3068 - US 1 & Old Griffin Rd (Standard File)

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 4											**Easy**															

Scheduler

	Month												Day of Week							Day of Month									1									2									3		
Plan	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	Day Plan
1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
4	1													1	1	1	1	1		1																															2
5	1													1							1																															2
6					1									1																														1	1	1	1	1	1	1	2
7							1											1				1																														2
8							1							1	1	1	1	1					1																													2
9							1							1										1																												2
10									1					1						1	1	1	1	1	1	1																										2
11											1						1																							1	1	1	1	1	1	1					2
12											1							1																								1	1	1	1	1	1	1				2
13												1		1				1																										1								2
14												1		1	1	1	1	1																											1							2
15												1		1																																1						2
16												1		1				1																																	1	2
17																																																				1
18																																																				1
19																																																				1
20																																																				1
21																																																				1
22																																																				1

23																																																			1
24																																																			1
25																																																			1
26																																																			1
27																																																			1
28																																																			1
29																																																			1
30																																																			1
31																																																			1
32																																																			1

User Comments:

BROWARD COUNTY TRAFFIC ENGINEERING

ACTUATED TRAFFIC SIGNAL TIMING SHEET

Intersection Number	3068	Initial Operation Date	UNKNOWN
Controller Type	2070	System Number	3068
Modification Number	12	Modification Date	10/08/2014
Drawing/Project No	413830-1-52-01	FPL Grid Number	87675175500
Intersection	FEDERAL HWY. (US 1/SR 5) and OLD GRIFFIN ROAD		
Municipality	DANIA BEACH		

Controller Phase	1	2	3	4	5	6	7	8
Face Number		2		4	5	6		
Direction		NB		EB	NBL	SB		
Initial Green(MIN)		15		10	4	15		
Vehicle Ext.(GAP)		3.0		3.0	1.5	3.0		
Maximum Green I		50		35	20	50		
Maximum Green II								
Yellow Clearance		4.0		4.0	4.0	4.0		
All Red Clearance		2.0		2.0	2.0	2.0		
Phase Recall		MIN		OFF	OFF	MIN		
Detector Delay								
Walk		7		5		7		
Pedestrian Clearance				19		16		
Permissive					YES			
Flash Operation		YELLOW		RED		YELLOW		

Attachment Old Griffin & US1 preemption.pdf

NOTES:

1. ANTI-BACKDOWN NORTHBOUND: PHASES 2+6 ON--->OMIT PHASE 5.
2. RAILROAD PREEMPTION SEQUENCE:
a)TIME BEFORE PREEMPTION = 0
b)TRACK CLEARANCE = 20 SECONDS (EB).
c)DWELL: N/S.
d)RETURN TO NB/NBL (PHASES 2 & 5).
3. MOD. 12 UPDATES ALL RED CLEARANCE VALUES.

Submitted By _____ Approved By _____

Broward County Timing Sheet 8/19/2019 7:03:22 AM

Station : 3098 - US 1 & Dania Beach Blvd (Standard File)

Phase	1 (SL)	2 (NT)	3 (WL)	4 (ET)	5 (NL)	6 (ST)	7	8 (WT)	9	10	11	12	13	14	15	16
Walk		7		7		7		7								
Ped Clearance		21		23		21		23								
Min Green	4	7	4	6	4	7		6								
Gap Ext	1.5	3	2	2	1.5	3		2								
Max1	20	40	15	25	12	40		25								
Max2																
Yellow Clr	4	4	4	4	4	4		4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clr	2	2	2	2	2	2		2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Red Revert																
Added Initial																
Max Initial																
Time Before Reduce																
Cars Before Reduce																
Time To Reduce																
Reduce By																
Min Gap																
Dynamic Max Limit																
Dynamic Max Step																
Enable	ON	ON	ON	ON	ON	ON		ON								
Auto Flash Entry				ON				ON								
Auto Flash Exit		ON				ON										
Non-Actuated 1																
Non-Actuated 2																
Lock Call									ON	ON	ON	ON	ON	ON	ON	ON
Min Recall		ON				ON										
Max Recall																
Ped Recall																
Soft Recall																
Dual Entry				ON				ON								
Sim Gap Enable									ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage																
Rest In Walk		ON				ON										
Cond Service																
Add Init Calc																

Preemption

Channel	1	2	3	4	5	6
Lock Input	ON	ON	ON	ON	ON	ON
Override Auto Flash		ON			ON	ON
Override Higher Preempt		ON			ON	ON
Flash in Dwell						
Link to Preempt						
Delay						
Min Duration						
Min Green	6		6	6	6	6
Min Walk						
Ped Clear						
Track Green			1			
Min Dwell	8		8	8	8	8
Max Presence	180		180	180	180	180
Track Veh 1						
Track Veh 2						
Track Veh 3						
Track Veh 4						
Dwell Cyc Veh 1	4		1	2	3	2
Dwell Cyc Veh 2	8		6	6	8	6
Dwell Cyc Veh 3						
Dwell Cyc Veh 4						
Dwell Cyc Veh 5						
Dwell Cyc Veh 6						

Preempt LP

Channel	1	2	3	4
Min				
Max				
Enable				
Lock Mode	MAX	MAX	MAX	MAX
Coord in Preempt				
No Skip				
Priority P1				
Priority P2				
Priority P3				
Priority P4				
Lock				
Headway				
Group Lock				
Queue Jump				
Free Mode				
Alt Table				

Dwell Cyc Veh 7						
Dwell Cyc Veh 8						
Dwell Cyc Veh 9						
Dwell Cyc Veh 10						
Dwell Cyc Veh 11						
Dwell Cyc Veh 12						
Dwell Cyc Ped1						
Dwell Cyc Ped2						
Dwell Cyc Ped3						
Dwell Cyc Ped4						
Dwell Cyc Ped5						
Dwell Cyc Ped6						
Dwell vPed7						
Dwell Cyc Ped8						
Exit 1	1		2	3	4	3
Exit 2	6		6	8	8	8
Exit 3						
Exit 4						

Prepared By	Date Implemented
Reviewed By	Traffic Engineer

Broward County Timing Sheet 8/19/2019 7:03:22 AM

Station : 3098 - US 1 & Dania Beach Blvd (Standard File)

Coordination

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 1											**Easy**															
		100	254																							
6		2	2	160	123	2	1	10	50		30	77	23	30	14	93		53								
9		3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								
15		4	4	160	6	4	1	10	50		38	60	28	34	14	84		62								
20		3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								
Day Plan 2											**Easy**															
		3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								
1		100	254																							
6	30	3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								

Day Plan 3											**Easy**															
		3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								
1		100	254																							
6	30	3	3	160	99	3	1	10	50		41	66	23	30	14	93		53								
23		100	254																							

Broward County Timing Sheet 8/19/2019 7:03:22 AM

Station : 3098 - US 1 & Dania Beach Blvd (Standard File)

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 4											**Easy**															

Scheduler

	Month												Day of Week							Day of Month										1										2										3		
Plan	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	Day Plan
1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
4	1													1	1	1	1	1		1																																2
5	1													1							1																																2
6					1									1																														1	1	1	1	1	1	1	1	2
7							1											1				1																														2
8							1							1	1	1	1	1					1																													2
9							1							1										1																												2
10									1					1						1	1	1	1	1	1	1																										2
11											1						1																								1	1	1	1	1	1	1				2
12											1							1																								1	1	1	1	1	1	1				2
13												1		1				1																										1								2
14												1		1	1	1	1	1																											1							2
15												1		1																																1						2
16												1		1				1																																	1	2
17																																																					1
18																																																					1
19																																																					1
20																																																					1
21																																																					1
22																																																					1

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User Comments:

BROWARD COUNTY TRAFFIC ENGINEERING

ACTUATED TRAFFIC SIGNAL TIMING SHEET

Intersection Number	3098	Initial Operation Date	UNKNOWN
Controller Type	2070	System Number	3098
Modification Number	16	Modification Date	01/23/2018
Drawing/Project No	413829-1-52-01	FPL Grid Number	87675210208
Intersection	FEDERAL HWY. (US 1/SR 5) and DANIA BEACH BOULEVARD		
Municipality	DANIA BEACH		

Controller Phase	1	2	3	4	5	6	7	8
Face Number	1,8R	2	3	4	5	6		8
Direction	SBL	NB	WBL	EB	NBL	SB		WB
Initial Green(MIN)	4	7	4	6	4	7		6
Vehicle Ext.(GAP)	1.5	3.0	2.0	2.0	1.5	3.0		2.0
Maximum Green I	20	40	15	25	12	40		25
Maximum Green II								
Yellow Clearance	4.0	4.0	4.0	4.0	4.0	4.0		4.0
All Red Clearance	2.0	2.0	2.0	2.0	2.0	2.0		2.0
Phase Recall	OFF	MIN	OFF	OFF	OFF	MIN		OFF
Detector Delay								
Walk		7		7		7		7
Pedestrian Clearance		21		23		21		23
Permissive	YES		YES		YES			
Flash Operation		YELLOW		RED		YELLOW		RED

Attachment

NOTES:

1. ANTI-BACKDOWN NORTH/SOUTH: PHASES 2+6 ON---> OMIT PHASES 1+5.
2. DUAL ENTRY HARDWIRED EAST/WEST.
3. HEAD 8R, WBR, HARDWIRED TO PHASE 1 (SBL).
4. MOD. 16 INSTALLS PROTECTED/PERMISSIVE NBL (PHASE 5) PER FDOT REQUEST.

Submitted By _____ Approved By _____

Broward County Timing Sheet 8/19/2019 7:04:43 AM

Station : 3099 - US 1 & NE 1 St (Dania) (Standard File)

Phase	1	2 (ST)	3	4 (ET)	5	6	7	8	9	10	11	12	13	14	15	16
Walk		7		5												
Ped Clearance		12		20												
Min Green		10		6												
Gap Ext		3		2.5												
Max1		50		20												
Max2																
Yellow Clr	4	4	4	4	4	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clr		2		2					1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
Red Revert																
Added Initial																
Max Initial																
Time Before Reduce																
Cars Before Reduce																
Time To Reduce																
Reduce By																
Min Gap																
Dynamic Max Limit																
Dynamic Max Step																
Enable		ON		ON												
Auto Flash Entry				ON												
Auto Flash Exit		ON														
Non-Actuated 1																
Non-Actuated 2																
Lock Call									ON	ON	ON	ON	ON	ON	ON	ON
Min Recall		ON														
Max Recall																
Ped Recall																
Soft Recall																
Dual Entry																
Sim Gap Enable									ON	ON	ON	ON	ON	ON	ON	ON
Guar Passage																
Rest In Walk		ON														
Cond Service																
Add Init Calc																

Preemption

Channel	1	2	3	4	5	6
Lock Input	ON	ON	ON	ON	ON	ON
Override Auto Flash			ON	ON	ON	ON
Override Higher Preempt			ON	ON	ON	ON
Flash in Dwell						
Link to Preempt						
Delay						
Min Duration	6					
Min Green	6	6				
Min Walk						
Ped Clear						
Track Green						
Min Dwell	6	6				
Max Presence	180	180				
Track Veh 1						
Track Veh 2						
Track Veh 3						
Track Veh 4						
Dwell Cyc Veh 1	2	4				
Dwell Cyc Veh 2						
Dwell Cyc Veh 3						
Dwell Cyc Veh 4						
Dwell Cyc Veh 5						
Dwell Cyc Veh 6						

Preempt LP

Channel	1	2	3	4
Min				
Max				
Enable				
Lock Mode	MAX	MAX	MAX	MAX
Coord in Preempt				
No Skip				
Priority P1				
Priority P2				
Priority P3				
Priority P4				
Lock				
Headway				
Group Lock				
Queue Jump				
Free Mode				
Alt Table				

Dwell Cyc Veh 7						
Dwell Cyc Veh 8						
Dwell Cyc Veh 9						
Dwell Cyc Veh 10						
Dwell Cyc Veh 11						
Dwell Cyc Veh 12						
Dwell Cyc Ped1						
Dwell Cyc Ped2						
Dwell Cyc Ped3						
Dwell Cyc Ped4						
Dwell Cyc Ped5						
Dwell Cyc Ped6						
Dwell vPed7						
Dwell Cyc Ped8						
Exit 1	4	2				
Exit 2						
Exit 3						
Exit 4						

Prepared By	Date Implemented
Reviewed By	Traffic Engineer

Broward County Timing Sheet 8/19/2019 7:04:43 AM

Station : 3099 - US 1 & NE 1 St (Dania) (Standard File)

Coordination

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 1											**Easy**															
		100	254																							
6		2	2	160	108	2	1	10	50			125		35												
9		3	3	160	129	3	1	10	50			125		35												
15		4	4	160	26	4	1	10	50			125		35												
20		3	3	160	129	3	1	10	50			125		35												
Day Plan 2											**Easy**															
		3	3	160	129	3	1	10	50			125		35												
1		100	254																							
6	30	3	3	160	129	3	1	10	50			125		35												

Day Plan 3												**Easy**															
		3	3	160	129	3	1	10	50			125		35													
1		100	254																								
6	30	3	3	160	129	3	1	10	50			125		35													
23		100	254																								

Broward County Timing Sheet 8/19/2019 7:04:43 AM

Station : 3099 - US 1 & NE 1 St (Dania) (Standard File)

Hour	Minute	Action	Pattern	Cycle	Offset	Split	Seqnc	Short	Long	Dwell	Split 1	Split 2	Split 3	Split 4	Split 5	Split 6	Split 7	Split 8	Split 9	Split 10	Split 11	Split 12	Split 13	Split 14	Split 15	Split 16
Day Plan 4											**Easy**															

Scheduler

	Month											Day of Week						Day of Month									1									2									3		
Plan	J	F	M	A	M	J	J	A	S	O	N	D	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	2	3	4	5	6	7	8	9	0	1	Day Plan
1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
3	1	1	1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
4	1													1	1	1	1	1		1																															2
5	1													1							1																															2
6					1									1																														1	1	1	1	1	1	1	2
7							1											1				1																													2
8							1							1	1	1	1	1					1																												2
9							1							1										1																											2
10									1					1						1	1	1	1	1	1	1																									2
11											1						1																								1	1	1	1	1	1	1				2
12											1							1																									1	1	1	1	1	1	1			2
13												1		1				1																										1								2
14												1		1	1	1	1	1																											1							2
15												1		1																																1						2
16												1		1				1																																	1	2
17																																																				1
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User Comments:

BROWARD COUNTY TRAFFIC ENGINEERING

ACTUATED TRAFFIC SIGNAL TIMING SHEET

Intersection Number	3099	Initial Operation Date	UNKNOWN
Controller Type	2070	System Number	3099
Modification Number	9	Modification Date	10/07/2014
Drawing/Project No	413829-1-52-01	FPL Grid Number	87675231604
Intersection	FEDERAL HWY. (US 1/SR 5) and NE 1 STREET		
Municipality	DANIA BEACH		

Controller Phase	1	2	3	4	5	6	7	8
Face Number		2,6		4,8				
Direction		N/S		E/W				
Initial Green(MIN)		10		6				
Vehicle Ext.(GAP)		3.0		2.5				
Maximum Green I		50		20				
Maximum Green II								
Yellow Clearance		4.0		4.0				
All Red Clearance		2.0		2.0				
Phase Recall		MIN		OFF				
Detector Delay								
Walk		7		5				
Pedestrian Clearance		12		20				
Permissive								
Flash Operation		YELLOW		RED				

Attachment

NOTES:

1. MOD. 9 UPDATES ALL RED CLEARANCE VALUES.

Submitted By _____ Approved By _____

Appendix E - Existing Conditions Analyses

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

08/20/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	34	8	30	4	7	39	14	1333	8	53	1039	23
Future Volume (veh/h)	34	8	30	4	7	39	14	1333	8	53	1039	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	37	9	11	4	8	15	15	1418	8	58	1129	18
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.94	0.94	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	41	6	248	30	47	248	419	2741	15	392	2709	43
Arrive On Green	0.16	0.16	0.16	0.16	0.16	0.16	1.00	1.00	1.00	0.77	0.77	0.77
Sat Flow, veh/h	4	37	1585	1	299	1585	566	3566	20	451	3523	56
Grp Volume(v), veh/h	46	0	11	12	0	15	15	695	731	58	560	587
Grp Sat Flow(s),veh/h/ln	41	0	1585	300	0	1585	566	1749	1837	451	1749	1831
Q Serve(g_s), s	0.1	0.0	0.9	0.0	0.0	1.3	0.6	0.0	0.0	5.5	17.4	17.4
Cycle Q Clear(g_c), s	25.0	0.0	0.9	25.0	0.0	1.3	18.0	0.0	0.0	5.5	17.4	17.4
Prop In Lane	0.80		1.00	0.33		1.00	1.00		0.01	1.00		0.03
Lane Grp Cap(c), veh/h	47	0	248	77	0	248	419	1344	1412	392	1344	1407
V/C Ratio(X)	0.98	0.00	0.04	0.16	0.00	0.06	0.04	0.52	0.52	0.15	0.42	0.42
Avail Cap(c_a), veh/h	47	0	248	77	0	248	419	1344	1412	392	1344	1407
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.71	0.71	0.71	0.84	0.84	0.84
Uniform Delay (d), s/veh	76.9	0.0	57.4	58.7	0.0	57.5	1.3	0.0	0.0	4.9	6.3	6.3
Incr Delay (d2), s/veh	122.6	0.0	0.1	0.7	0.0	0.1	0.1	1.0	1.0	0.7	0.8	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	6.3	0.0	0.7	0.8	0.0	1.0	0.1	0.7	0.7	1.0	9.9	10.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	199.5	0.0	57.4	59.4	0.0	57.6	1.4	1.0	1.0	5.6	7.1	7.1
LnGrp LOS	F	A	E	E	A	E	A	A	A	A	A	A
Approach Vol, veh/h		57			27			1441			1205	
Approach Delay, s/veh		172.1			58.4			1.0			7.0	
Approach LOS		F			E			A			A	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		129.0		31.0		129.0		31.0				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		123.0		25.0		123.0		25.0				
Max Q Clear Time (g_c+I1), s		20.0		27.0		19.4		27.0				
Green Ext Time (p_c), s		7.7		0.0		6.4		0.0				

Intersection Summary												
HCM 6th Ctrl Delay			7.8									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

08/20/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	33	79	11	75	92	378	16	1067	96	275	785	46
Future Volume (veh/h)	33	79	11	75	92	378	16	1067	96	275	785	46
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	45	108	8	79	97	351	17	1135	78	281	801	40
Peak Hour Factor	0.73	0.73	0.73	0.95	0.95	0.95	0.94	0.94	0.94	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	206	276	20	220	407	456	394	1968	135	376	2208	110
Arrive On Green	0.16	0.16	0.16	0.03	0.22	0.22	0.01	0.59	0.59	0.02	0.21	0.21
Sat Flow, veh/h	1003	1720	127	1739	1826	1547	1753	3320	228	1753	3390	169
Grp Volume(v), veh/h	45	0	116	79	97	351	17	597	616	281	413	428
Grp Sat Flow(s),veh/h/ln	1003	0	1847	1739	1826	1547	1753	1749	1800	1753	1749	1810
Q Serve(g_s), s	6.3	0.0	9.0	4.0	7.0	33.1	0.6	33.8	33.9	9.2	32.2	32.2
Cycle Q Clear(g_c), s	6.3	0.0	9.0	4.0	7.0	33.1	0.6	33.8	33.9	9.2	32.2	32.2
Prop In Lane	1.00		0.07	1.00		1.00	1.00		0.13	1.00		0.09
Lane Grp Cap(c), veh/h	206	0	296	220	407	456	394	1036	1067	376	1139	1179
V/C Ratio(X)	0.22	0.00	0.39	0.36	0.24	0.77	0.04	0.58	0.58	0.75	0.36	0.36
Avail Cap(c_a), veh/h	233	0	346	220	456	498	415	1036	1067	600	1139	1179
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.93
Uniform Delay (d), s/veh	59.1	0.0	60.2	57.7	51.0	51.5	14.2	20.2	20.2	19.8	34.5	34.5
Incr Delay (d2), s/veh	0.2	0.0	0.3	0.4	0.1	5.7	0.0	2.3	2.3	1.1	0.8	0.8
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	3.0	0.0	7.7	1.9	5.9	19.7	0.4	20.5	21.0	8.0	21.7	22.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	59.3	0.0	60.5	58.1	51.1	57.1	14.2	22.5	22.5	20.8	35.4	35.3
LnGrp LOS	E	A	E	E	D	E	B	C	C	C	D	D
Approach Vol, veh/h		161			527			1230			1122	
Approach Delay, s/veh		50.2			56.2			22.4			31.7	
Approach LOS		E			E			C			C	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	17.5	100.8	10.0	31.6	8.1	110.2		41.6
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	32.0	70.0	4.0	30.0	4.0	98.0		40.0
Max Q Clear Time (g_c+I1), s	11.2	35.9	6.0	11.0	2.6	34.2		35.1
Green Ext Time (p_c), s	0.3	5.6	0.0	0.3	0.0	3.4		0.5

Intersection Summary	
HCM 6th Ctrl Delay	33.7
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

08/20/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	83	0	98	0	0	0	88	1502	0	0	1180	52
Future Volume (veh/h)	83	0	98	0	0	0	88	1502	0	0	1180	52
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	111	0	71				94	1598	0	0	1283	35
Peak Hour Factor	0.75	0.92	0.75				0.94	0.94	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	140	0	129				410	2951	0	45	2718	74
Arrive On Green	0.08	0.00	0.08				0.02	0.84	0.00	0.00	0.78	0.78
Sat Flow, veh/h	1725	0	1585				1753	3589	0	397	3478	95
Grp Volume(v), veh/h	111	0	71				94	1598	0	0	645	673
Grp Sat Flow(s),veh/h/ln	1725	0	1585				1753	1749	0	397	1749	1824
Q Serve(g_s), s	10.1	0.0	6.9				1.6	21.0	0.0	0.0	20.4	20.4
Cycle Q Clear(g_c), s	10.1	0.0	6.9				1.6	21.0	0.0	0.0	20.4	20.4
Prop In Lane	1.00		1.00				1.00		0.00	1.00		0.05
Lane Grp Cap(c), veh/h	140	0	129				410	2951	0	45	1367	1426
V/C Ratio(X)	0.79	0.00	0.55				0.23	0.54	0.00	0.00	0.47	0.47
Avail Cap(c_a), veh/h	679	0	624				542	2951	0	45	1367	1426
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	72.2	0.0	70.7				4.7	3.6	0.0	0.0	6.0	6.0
Incr Delay (d2), s/veh	9.6	0.0	3.7				0.1	0.7	0.0	0.0	1.2	1.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	8.5	0.0	5.3				0.9	9.9	0.0	0.0	11.6	12.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	81.8	0.0	74.4				4.8	4.3	0.0	0.0	7.2	7.2
LnGrp LOS	F	A	E				A	A	A	A	A	A
Approach Vol, veh/h		182						1692			1318	
Approach Delay, s/veh		78.9						4.3			7.2	
Approach LOS		E						A			A	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		141.0		19.0	9.9	131.1
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		85.0		63.0	16.0	63.0
Max Q Clear Time (g_c+I1), s		23.0		12.1	3.6	22.4
Green Ext Time (p_c), s		11.0		0.9	0.1	6.4

Intersection Summary			
HCM 6th Ctrl Delay			9.8
HCM 6th LOS			A

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	32	35	5	7	49	34	1204	15	107	1663	49
Future Volume (veh/h)	58	32	35	5	7	49	34	1204	15	107	1663	49
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	72	40	19	6	8	29	39	1368	16	116	1808	46
Peak Hour Factor	0.80	0.80	0.80	0.83	0.83	0.83	0.88	0.88	0.88	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	37	13	258	32	31	258	205	2700	32	401	2657	67
Arrive On Green	0.16	0.16	0.16	0.16	0.16	0.16	1.00	1.00	1.00	0.76	0.76	0.76
Sat Flow, veh/h	0	80	1585	0	192	1585	316	3541	41	467	3485	88
Grp Volume(v), veh/h	112	0	19	14	0	29	39	675	709	116	904	950
Grp Sat Flow(s),veh/h/ln	80	0	1585	192	0	1585	316	1749	1833	467	1749	1825
Q Serve(g_s), s	0.0	0.0	1.6	0.0	0.0	2.5	8.0	0.0	0.0	12.6	40.7	41.3
Cycle Q Clear(g_c), s	26.0	0.0	1.6	26.0	0.0	2.5	49.2	0.0	0.0	12.6	40.7	41.3
Prop In Lane	0.64		1.00	0.43		1.00	1.00		0.02	1.00		0.05
Lane Grp Cap(c), veh/h	50	0	258	63	0	258	205	1333	1398	401	1333	1391
V/C Ratio(X)	2.24	0.00	0.07	0.22	0.00	0.11	0.19	0.51	0.51	0.29	0.68	0.68
Avail Cap(c_a), veh/h	50	0	258	63	0	258	205	1333	1398	401	1333	1391
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.59	0.59	0.59	0.93	0.93	0.93
Uniform Delay (d), s/veh	73.4	0.0	56.8	58.2	0.0	57.2	8.3	0.0	0.0	6.0	9.3	9.4
Incr Delay (d2), s/veh	617.8	0.0	0.1	1.3	0.0	0.1	1.2	0.8	0.8	1.7	2.6	2.5
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	19.2	0.0	1.2	0.9	0.0	1.8	1.0	0.5	0.5	2.4	21.0	22.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	691.2	0.0	56.9	59.5	0.0	57.3	9.5	0.8	0.8	7.7	11.9	12.0
LnGrp LOS	F	A	E	E	A	E	A	A	A	A	B	B
Approach Vol, veh/h		131			43			1423			1970	
Approach Delay, s/veh		599.2			58.0			1.0			11.7	
Approach LOS		F			E			A			B	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		128.0		32.0		128.0		32.0				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		122.0		26.0		122.0		26.0				
Max Q Clear Time (g_c+I1), s		51.2		28.0		43.3		28.0				
Green Ext Time (p_c), s		8.4		0.0		17.2		0.0				

Intersection Summary												
HCM 6th Ctrl Delay			29.6									
HCM 6th LOS			C									

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

08/20/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	66	105	31	129	199	343	63	1148	101	396	1027	33
Future Volume (veh/h)	66	105	31	129	199	343	63	1148	101	396	1027	33
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	72	114	29	143	221	331	65	1184	80	408	1059	27
Peak Hour Factor	0.92	0.92	0.92	0.90	0.90	0.90	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	130	191	49	171	368	509	424	1856	125	430	2297	59
Arrive On Green	0.13	0.13	0.13	0.03	0.20	0.20	0.03	0.56	0.56	0.26	1.00	1.00
Sat Flow, veh/h	924	1439	366	1739	1826	1547	1753	3325	224	1753	3485	89
Grp Volume(v), veh/h	72	0	143	143	221	331	65	622	642	408	531	555
Grp Sat Flow(s),veh/h/ln	924	0	1804	1739	1826	1547	1753	1749	1800	1753	1749	1825
Q Serve(g_s), s	12.3	0.0	11.9	5.0	17.6	29.2	2.6	39.0	39.1	17.9	0.0	0.0
Cycle Q Clear(g_c), s	18.9	0.0	11.9	5.0	17.6	29.2	2.6	39.0	39.1	17.9	0.0	0.0
Prop In Lane	1.00		0.20	1.00		1.00	1.00		0.12	1.00		0.05
Lane Grp Cap(c), veh/h	130	0	240	171	368	509	424	976	1005	430	1153	1203
V/C Ratio(X)	0.56	0.00	0.60	0.83	0.60	0.65	0.15	0.64	0.64	0.95	0.46	0.46
Avail Cap(c_a), veh/h	180	0	338	171	468	594	432	976	1005	612	1153	1203
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.72	0.72	0.72
Uniform Delay (d), s/veh	71.6	0.0	65.4	67.9	58.0	45.8	14.3	24.2	24.2	20.8	0.0	0.0
Incr Delay (d2), s/veh	1.4	0.0	0.9	27.0	0.6	1.2	0.1	3.2	3.1	13.5	1.0	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	5.4	0.0	9.5	8.4	13.0	17.1	1.9	23.5	24.2	13.6	0.6	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	73.0	0.0	66.2	94.9	58.6	47.0	14.4	27.4	27.3	34.4	1.0	0.9
LnGrp LOS	E	A	E	F	E	D	B	C	C	C	A	A
Approach Vol, veh/h		215			695			1329			1494	
Approach Delay, s/veh		68.5			60.6			26.7			10.1	
Approach LOS		E			E			C			B	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	26.4	95.3	11.0	27.2	10.3	111.5		38.2
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	37.0	64.0	5.0	30.0	5.0	96.0		41.0
Max Q Clear Time (g_c+I1), s	19.9	41.1	7.0	20.9	4.6	2.0		31.2
Green Ext Time (p_c), s	0.5	5.6	0.0	0.4	0.0	4.8		1.0

Intersection Summary	
HCM 6th Ctrl Delay	28.8
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

08/20/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	116	1	192	0	0	0	135	1569	0	0	2171	162
Future Volume (veh/h)	116	1	192	0	0	0	135	1569	0	0	2171	162
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	147	1	186				152	1763	0	0	2238	146
Peak Hour Factor	0.79	0.79	0.79				0.89	0.89	0.89	0.97	0.97	0.97
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	226	1	207				164	2776	0	45	2314	149
Arrive On Green	0.13	0.13	0.13				0.06	0.79	0.00	0.00	0.69	0.69
Sat Flow, veh/h	1725	8	1578				1753	3589	0	347	3335	215
Grp Volume(v), veh/h	147	0	187				152	1763	0	0	1161	1223
Grp Sat Flow(s),veh/h/ln	1725	0	1586				1753	1749	0	347	1749	1802
Q Serve(g_s), s	13.0	0.0	18.6				8.8	33.5	0.0	0.0	96.9	103.4
Cycle Q Clear(g_c), s	13.0	0.0	18.6				8.8	33.5	0.0	0.0	96.9	103.4
Prop In Lane	1.00		0.99				1.00		0.00	1.00		0.12
Lane Grp Cap(c), veh/h	226	0	208				164	2776	0	45	1213	1250
V/C Ratio(X)	0.65	0.00	0.90				0.93	0.64	0.00	0.00	0.96	0.98
Avail Cap(c_a), veh/h	248	0	228				164	2776	0	45	1213	1250
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	66.0	0.0	68.5				59.3	6.9	0.0	0.0	22.3	23.3
Incr Delay (d2), s/veh	5.2	0.0	32.3				48.2	1.1	0.0	0.0	17.4	20.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.1	0.0	14.5				13.1	16.7	0.0	0.0	52.8	58.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	71.2	0.0	100.7				107.5	8.0	0.0	0.0	39.8	44.0
LnGrp LOS	E	A	F				F	A	A	A	D	D
Approach Vol, veh/h		334						1915			2384	
Approach Delay, s/veh		87.7						15.9			41.9	
Approach LOS		F						B			D	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		133.0		27.0	16.0	117.0
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		125.0		23.0	10.0	109.0
Max Q Clear Time (g_c+I1), s		35.5		20.6	10.8	105.4
Green Ext Time (p_c), s		13.7		0.4	0.0	3.2

Intersection Summary			
HCM 6th Ctrl Delay			34.5
HCM 6th LOS			C

Appendix F – Background Conditions Analyses

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	8	32	4	8	48	15	1372	8	64	1052	23
Future Volume (veh/h)	35	8	32	4	8	48	15	1372	8	64	1052	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	38	9	13	4	9	25	16	1460	8	70	1143	18
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.94	0.94	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	44	6	287	30	54	287	394	2654	15	369	2622	41
Arrive On Green	0.18	0.18	0.18	0.18	0.18	0.18	1.00	1.00	1.00	0.74	0.74	0.74
Sat Flow, veh/h	18	35	1585	3	297	1585	559	3566	20	435	3524	55
Grp Volume(v), veh/h	47	0	13	13	0	25	16	716	752	70	567	594
Grp Sat Flow(s),veh/h/ln	53	0	1585	300	0	1585	559	1749	1837	435	1749	1831
Q Serve(g_s), s	0.4	0.0	1.1	0.2	0.0	2.1	0.8	0.0	0.0	7.8	19.6	19.7
Cycle Q Clear(g_c), s	28.9	0.0	1.1	28.9	0.0	2.1	20.1	0.0	0.0	7.8	19.6	19.7
Prop In Lane	0.81		1.00	0.31		1.00	1.00		0.01	1.00		0.03
Lane Grp Cap(c), veh/h	50	0	287	84	0	287	394	1301	1367	369	1301	1362
V/C Ratio(X)	0.94	0.00	0.05	0.16	0.00	0.09	0.04	0.55	0.55	0.19	0.44	0.44
Avail Cap(c_a), veh/h	51	0	287	84	0	287	394	1301	1367	369	1301	1362
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.66	0.66	0.66	0.84	0.84	0.84
Uniform Delay (d), s/veh	76.6	0.0	54.1	55.9	0.0	54.5	1.6	0.0	0.0	6.2	7.8	7.8
Incr Delay (d2), s/veh	101.2	0.0	0.0	0.6	0.0	0.1	0.1	1.1	1.1	1.0	0.9	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	6.1	0.0	0.8	0.8	0.0	1.5	0.1	0.7	0.7	1.4	11.3	11.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	177.8	0.0	54.2	56.5	0.0	54.6	1.8	1.1	1.1	7.2	8.6	8.6
LnGrp LOS	F	A	D	E	A	D	A	A	A	A	A	A
Approach Vol, veh/h		60			38			1484			1231	
Approach Delay, s/veh		151.0			55.3			1.1			8.5	
Approach LOS		F			E			A			A	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		125.0		35.0		125.0		35.0				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		119.0		29.0		119.0		29.0				
Max Q Clear Time (g_c+I1), s		22.1		30.9		21.7		30.9				
Green Ext Time (p_c), s		8.2		0.0		6.8		0.0				

Intersection Summary												
HCM 6th Ctrl Delay			8.3									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	80	11	118	95	408	17	1078	110	280	793	47
Future Volume (veh/h)	35	80	11	118	95	408	17	1078	110	280	793	47
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	48	110	8	124	100	382	18	1147	93	286	809	41
Peak Hour Factor	0.73	0.73	0.73	0.95	0.95	0.95	0.94	0.94	0.94	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	200	274	20	250	439	490	377	1870	151	357	2145	109
Arrive On Green	0.16	0.16	0.16	0.04	0.24	0.24	0.01	0.57	0.57	0.03	0.21	0.21
Sat Flow, veh/h	976	1723	125	1739	1826	1547	1753	3276	265	1753	3387	172
Grp Volume(v), veh/h	48	0	118	124	100	382	18	612	628	286	418	432
Grp Sat Flow(s),veh/h/ln	976	0	1848	1739	1826	1547	1753	1749	1793	1753	1749	1810
Q Serve(g_s), s	7.0	0.0	9.2	7.0	7.0	35.8	0.7	37.0	37.1	9.9	32.8	32.8
Cycle Q Clear(g_c), s	7.0	0.0	9.2	7.0	7.0	35.8	0.7	37.0	37.1	9.9	32.8	32.8
Prop In Lane	1.00		0.07	1.00		1.00	1.00		0.15	1.00		0.09
Lane Grp Cap(c), veh/h	200	0	294	250	439	490	377	998	1023	357	1108	1146
V/C Ratio(X)	0.24	0.00	0.40	0.50	0.23	0.78	0.05	0.61	0.61	0.80	0.38	0.38
Avail Cap(c_a), veh/h	228	0	346	250	491	534	396	998	1023	563	1108	1146
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.93
Uniform Delay (d), s/veh	59.5	0.0	60.4	56.3	48.8	49.6	15.6	22.7	22.7	23.4	36.2	36.2
Incr Delay (d2), s/veh	0.2	0.0	0.3	0.6	0.1	5.8	0.0	2.8	2.8	1.8	0.9	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	3.2	0.0	7.8	2.5	5.9	21.0	0.5	22.3	22.8	9.5	22.0	22.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	59.7	0.0	60.8	56.8	48.9	55.4	15.6	25.5	25.5	25.2	37.1	37.1
LnGrp LOS	E	A	E	E	D	E	B	C	C	C	D	D
Approach Vol, veh/h		166			606			1258			1136	
Approach Delay, s/veh		60.5			54.6			25.3			34.1	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	18.2	97.3	13.0	31.5	8.2	107.3		44.5
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	31.0	68.0	7.0	30.0	4.0	95.0		43.0
Max Q Clear Time (g_c+I1), s	11.9	39.1	9.0	11.2	2.7	34.8		37.8
Green Ext Time (p_c), s	0.3	5.7	0.0	0.3	0.0	3.4		0.6

Intersection Summary	
HCM 6th Ctrl Delay	35.9
HCM 6th LOS	D

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	84	0	102	0	0	0	88	1561	0	0	1205	52
Future Volume (veh/h)	84	0	102	0	0	0	88	1561	0	0	1205	52
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	112	0	76				94	1661	0	0	1310	35
Peak Hour Factor	0.75	0.92	0.75				0.94	0.94	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	139	0	128				401	2953	0	45	2722	73
Arrive On Green	0.08	0.00	0.08				0.02	0.84	0.00	0.00	0.78	0.78
Sat Flow, veh/h	1725	0	1585				1753	3589	0	377	3480	93
Grp Volume(v), veh/h	112	0	76				94	1661	0	0	658	687
Grp Sat Flow(s),veh/h/ln	1725	0	1585				1753	1749	0	377	1749	1824
Q Serve(g_s), s	10.2	0.0	7.4				1.6	22.5	0.0	0.0	21.0	21.1
Cycle Q Clear(g_c), s	10.2	0.0	7.4				1.6	22.5	0.0	0.0	21.0	21.1
Prop In Lane	1.00		1.00				1.00		0.00	1.00		0.05
Lane Grp Cap(c), veh/h	139	0	128				401	2953	0	45	1368	1427
V/C Ratio(X)	0.80	0.00	0.59				0.23	0.56	0.00	0.00	0.48	0.48
Avail Cap(c_a), veh/h	313	0	287				501	2953	0	45	1368	1427
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	72.3	0.0	71.0				4.8	3.7	0.0	0.0	6.1	6.1
Incr Delay (d2), s/veh	10.3	0.0	4.3				0.1	0.8	0.0	0.0	1.2	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	8.6	0.0	5.7				0.9	10.5	0.0	0.0	11.8	12.3
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	82.6	0.0	75.3				4.9	4.5	0.0	0.0	7.3	7.3
LnGrp LOS	F	A	E				A	A	A	A	A	A
Approach Vol, veh/h		188						1755			1345	
Approach Delay, s/veh		79.7						4.5			7.3	
Approach LOS		E						A			A	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		141.1		18.9	9.9	131.1
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		119.0		29.0	13.0	100.0
Max Q Clear Time (g_c+I1), s		24.5		12.2	3.6	23.1
Green Ext Time (p_c), s		12.1		0.7	0.1	6.7

Intersection Summary	
HCM 6th Ctrl Delay	9.9
HCM 6th LOS	A

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	32	39	5	11	81	34	1204	16	136	1682	50
Future Volume (veh/h)	58	32	39	5	11	81	34	1204	16	136	1682	50
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	72	40	24	6	13	68	39	1368	17	148	1828	47
Peak Hour Factor	0.80	0.80	0.80	0.83	0.83	0.83	0.88	0.88	0.88	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	37	13	248	30	50	248	204	2719	34	403	2678	69
Arrive On Green	0.16	0.16	0.16	0.16	0.16	0.16	1.00	1.00	1.00	0.77	0.77	0.77
Sat Flow, veh/h	0	83	1585	0	321	1585	311	3538	44	466	3484	89
Grp Volume(v), veh/h	112	0	24	19	0	68	39	676	709	148	914	961
Grp Sat Flow(s),veh/h/ln	83	0	1585	321	0	1585	311	1749	1833	466	1749	1825
Q Serve(g_s), s	0.0	0.0	2.1	0.0	0.0	6.1	8.0	0.0	0.0	17.2	40.5	41.2
Cycle Q Clear(g_c), s	25.0	0.0	2.1	25.0	0.0	6.1	49.2	0.0	0.0	17.2	40.5	41.2
Prop In Lane	0.64		1.00	0.32		1.00	1.00		0.02	1.00		0.05
Lane Grp Cap(c), veh/h	50	0	248	80	0	248	204	1344	1409	403	1344	1403
V/C Ratio(X)	2.24	0.00	0.10	0.24	0.00	0.27	0.19	0.50	0.50	0.37	0.68	0.69
Avail Cap(c_a), veh/h	50	0	248	80	0	248	204	1344	1409	403	1344	1403
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.52	0.52	0.52	0.93	0.93	0.93
Uniform Delay (d), s/veh	73.6	0.0	57.8	58.9	0.0	59.5	8.2	0.0	0.0	6.3	9.0	9.0
Incr Delay (d2), s/veh	617.8	0.0	0.1	1.1	0.0	0.4	1.1	0.7	0.7	2.4	2.6	2.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	19.2	0.0	1.5	1.2	0.0	4.5	1.0	0.5	0.5	3.3	20.7	21.8
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	691.4	0.0	58.0	60.0	0.0	59.9	9.3	0.7	0.7	8.7	11.6	11.6
LnGrp LOS	F	A	E	E	A	E	A	A	A	A	B	B
Approach Vol, veh/h		136			87			1424			2023	
Approach Delay, s/veh		579.6			60.0			0.9			11.4	
Approach LOS		F			E			A			B	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		129.0		31.0		129.0		31.0				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		123.0		25.0		123.0		25.0				
Max Q Clear Time (g_c+I1), s		51.2		27.0		43.2		27.0				
Green Ext Time (p_c), s		8.5		0.0		19.0		0.0				

Intersection Summary												
HCM 6th Ctrl Delay			29.5									
HCM 6th LOS			C									

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	71	106	31	177	206	334	63	1160	128	401	1037	33
Future Volume (veh/h)	71	106	31	177	206	334	63	1160	128	401	1037	33
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	77	115	29	197	229	321	65	1196	108	413	1069	27
Peak Hour Factor	0.92	0.92	0.92	0.90	0.90	0.90	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	135	177	45	190	384	549	408	1729	156	427	2264	57
Arrive On Green	0.12	0.12	0.12	0.05	0.21	0.21	0.03	0.53	0.53	0.29	1.00	1.00
Sat Flow, veh/h	926	1441	363	1739	1826	1547	1753	3244	292	1753	3486	88
Grp Volume(v), veh/h	77	0	144	197	229	321	65	644	660	413	536	560
Grp Sat Flow(s),veh/h/ln	926	0	1805	1739	1826	1547	1753	1749	1788	1753	1749	1825
Q Serve(g_s), s	13.1	0.0	12.2	8.0	18.1	27.0	2.7	43.5	43.8	20.6	0.0	0.0
Cycle Q Clear(g_c), s	17.2	0.0	12.2	8.0	18.1	27.0	2.7	43.5	43.8	20.6	0.0	0.0
Prop In Lane	1.00		0.20	1.00		1.00	1.00		0.16	1.00		0.05
Lane Grp Cap(c), veh/h	135	0	222	190	384	549	408	932	953	427	1136	1185
V/C Ratio(X)	0.57	0.00	0.65	1.04	0.60	0.58	0.16	0.69	0.69	0.97	0.47	0.47
Avail Cap(c_a), veh/h	195	0	338	190	502	649	425	932	953	558	1136	1185
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.71	0.71	0.71
Uniform Delay (d), s/veh	71.1	0.0	66.9	67.1	57.0	42.0	16.0	27.6	27.7	24.3	0.0	0.0
Incr Delay (d2), s/veh	1.4	0.0	1.2	75.6	0.6	0.4	0.1	4.2	4.1	19.6	1.0	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	5.8	0.0	9.7	12.8	13.3	15.8	2.0	26.2	26.8	13.9	0.6	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	72.6	0.0	68.1	142.7	57.6	42.4	16.1	31.8	31.8	43.9	1.0	1.0
LnGrp LOS	E	A	E	F	E	D	B	C	C	D	A	A
Approach Vol, veh/h		221			747			1369			1509	
Approach Delay, s/veh		69.7			73.5			31.1			12.7	
Approach LOS		E			E			C			B	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	29.1	91.2	14.0	25.6	10.5	109.9		39.6
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	35.0	63.0	8.0	30.0	6.0	92.0		44.0
Max Q Clear Time (g_c+I1), s	22.6	45.8	10.0	19.2	4.7	2.0		29.0
Green Ext Time (p_c), s	0.5	5.3	0.0	0.4	0.0	4.9		1.1

Intersection Summary	
HCM 6th Ctrl Delay	34.3
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	118	1	194	0	0	0	136	1603	0	0	2221	163
Future Volume (veh/h)	118	1	194	0	0	0	136	1603	0	0	2221	163
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	149	1	189				153	1801	0	0	2290	147
Peak Hour Factor	0.79	0.79	0.79				0.89	0.89	0.89	0.97	0.97	0.97
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	229	1	210				155	2771	0	45	2311	147
Arrive On Green	0.13	0.13	0.13				0.06	0.79	0.00	0.00	0.69	0.69
Sat Flow, veh/h	1725	8	1578				1753	3589	0	336	3339	212
Grp Volume(v), veh/h	149	0	190				153	1801	0	0	1187	1250
Grp Sat Flow(s),veh/h/ln	1725	0	1586				1753	1749	0	336	1749	1803
Q Serve(g_s), s	13.1	0.0	18.9				9.8	35.3	0.0	0.0	104.1	110.8
Cycle Q Clear(g_c), s	13.1	0.0	18.9				9.8	35.3	0.0	0.0	104.1	110.8
Prop In Lane	1.00		0.99				1.00		0.00	1.00		0.12
Lane Grp Cap(c), veh/h	229	0	211				155	2771	0	45	1210	1248
V/C Ratio(X)	0.65	0.00	0.90				0.99	0.65	0.00	0.00	0.98	1.00
Avail Cap(c_a), veh/h	248	0	228				155	2771	0	45	1210	1248
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	65.9	0.0	68.3				62.5	7.1	0.0	0.0	23.6	24.6
Incr Delay (d2), s/veh	5.3	0.0	33.1				69.1	1.2	0.0	0.0	21.7	25.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.2	0.0	14.7				14.2	17.5	0.0	0.0	57.6	63.7
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	71.1	0.0	101.5				131.6	8.3	0.0	0.0	45.3	50.5
LnGrp LOS	E	A	F				F	A	A	A	D	F
Approach Vol, veh/h		339						1954			2437	
Approach Delay, s/veh		88.1						18.0			48.0	
Approach LOS		F						B			D	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		132.8		27.2	16.0	116.8
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		125.0		23.0	10.0	109.0
Max Q Clear Time (g_c+I1), s		37.3		20.9	11.8	112.8
Green Ext Time (p_c), s		14.4		0.4	0.0	0.0

Intersection Summary			
HCM 6th Ctrl Delay			38.4
HCM 6th LOS			D

Appendix G – Total Traffic Conditions Analyses

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	35	8	32	4	8	49	15	1383	8	64	1061	23
Future Volume (veh/h)	35	8	32	4	8	49	15	1383	8	64	1061	23
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	38	9	13	4	9	26	16	1471	8	70	1153	18
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.94	0.94	0.94	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	100	32	46	43	69	74	500	3134	17	424	3097	48
Arrive On Green	0.05	0.05	0.05	0.05	0.05	0.05	1.00	1.00	1.00	0.88	0.88	0.88
Sat Flow, veh/h	1380	692	999	286	1487	1585	555	3567	19	432	3524	55
Grp Volume(v), veh/h	38	0	22	13	0	26	16	721	758	70	572	599
Grp Sat Flow(s),veh/h/ln	1380	0	1691	1773	0	1585	555	1749	1837	432	1749	1831
Q Serve(g_s), s	4.4	0.0	2.0	0.0	0.0	2.5	0.3	0.0	0.0	3.8	9.4	9.4
Cycle Q Clear(g_c), s	5.4	0.0	2.0	1.1	0.0	2.5	9.8	0.0	0.0	3.8	9.4	9.4
Prop In Lane	1.00		0.59	0.31		1.00	1.00		0.01	1.00		0.03
Lane Grp Cap(c), veh/h	100	0	78	112	0	74	500	1536	1614	424	1536	1609
V/C Ratio(X)	0.38	0.00	0.28	0.12	0.00	0.35	0.03	0.47	0.47	0.17	0.37	0.37
Avail Cap(c_a), veh/h	286	0	306	340	0	287	500	1536	1614	424	1536	1609
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.66	0.66	0.66	0.84	0.84	0.84
Uniform Delay (d), s/veh	75.9	0.0	73.7	73.3	0.0	74.0	0.3	0.0	0.0	1.4	1.8	1.8
Incr Delay (d2), s/veh	1.8	0.0	1.4	0.3	0.0	2.1	0.1	0.7	0.6	0.7	0.6	0.6
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	2.9	0.0	1.6	0.9	0.0	2.0	0.0	0.5	0.5	0.5	4.0	4.1
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	77.6	0.0	75.1	73.6	0.0	76.1	0.4	0.7	0.6	2.1	2.3	2.3
LnGrp LOS	E	A	E	E	A	E	A	A	A	A	A	A
Approach Vol, veh/h		60			39			1495			1241	
Approach Delay, s/veh		76.7			75.3			0.7			2.3	
Approach LOS		E			E			A			A	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		146.6		13.4		146.6		13.4				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		119.0		29.0		119.0		29.0				
Max Q Clear Time (g_c+I1), s		11.8		7.4		11.4		4.5				
Green Ext Time (p_c), s		8.3		0.1		6.9		0.1				

Intersection Summary			
HCM 6th Ctrl Delay			4.0
HCM 6th LOS			A

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	84	0	102	0	0	0	90	1569	0	0	1218	52
Future Volume (veh/h)	84	0	102	0	0	0	90	1569	0	0	1218	52
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	112	0	76				96	1669	0	0	1324	35
Peak Hour Factor	0.75	0.92	0.75				0.94	0.94	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	139	0	128				397	2953	0	45	2722	72
Arrive On Green	0.08	0.00	0.08				0.02	0.84	0.00	0.00	0.78	0.78
Sat Flow, veh/h	1725	0	1585				1753	3589	0	375	3481	92
Grp Volume(v), veh/h	112	0	76				96	1669	0	0	665	694
Grp Sat Flow(s),veh/h/ln	1725	0	1585				1753	1749	0	375	1749	1824
Q Serve(g_s), s	10.2	0.0	7.4				1.7	22.7	0.0	0.0	21.4	21.4
Cycle Q Clear(g_c), s	10.2	0.0	7.4				1.7	22.7	0.0	0.0	21.4	21.4
Prop In Lane	1.00		1.00				1.00		0.00	1.00		0.05
Lane Grp Cap(c), veh/h	139	0	128				397	2953	0	45	1368	1427
V/C Ratio(X)	0.80	0.00	0.59				0.24	0.57	0.00	0.00	0.49	0.49
Avail Cap(c_a), veh/h	313	0	287				496	2953	0	45	1368	1427
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	72.3	0.0	71.0				4.9	3.7	0.0	0.0	6.1	6.1
Incr Delay (d2), s/veh	10.3	0.0	4.3				0.1	0.8	0.0	0.0	1.2	1.2
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	8.6	0.0	5.7				0.9	10.6	0.0	0.0	12.0	12.4
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	82.6	0.0	75.3				5.0	4.5	0.0	0.0	7.4	7.3
LnGrp LOS	F	A	E				A	A	A	A	A	A
Approach Vol, veh/h		188						1765			1359	
Approach Delay, s/veh		79.7						4.5			7.3	
Approach LOS		E						A			A	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		141.1		18.9	9.9	131.1
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		119.0		29.0	13.0	100.0
Max Q Clear Time (g_c+I1), s		24.7		12.2	3.7	23.4
Green Ext Time (p_c), s		12.2		0.7	0.1	6.9

Intersection Summary			
HCM 6th Ctrl Delay			9.9
HCM 6th LOS			A

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	36	80	11	118	95	410	17	1086	110	282	799	48
Future Volume (veh/h)	36	80	11	118	95	410	17	1086	110	282	799	48
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	49	110	8	124	100	385	18	1155	93	288	815	42
Peak Hour Factor	0.73	0.73	0.73	0.95	0.95	0.95	0.94	0.94	0.94	0.98	0.98	0.98
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	201	277	20	252	442	494	373	1863	150	354	2138	110
Arrive On Green	0.16	0.16	0.16	0.04	0.24	0.24	0.01	0.57	0.57	0.03	0.21	0.21
Sat Flow, veh/h	974	1723	125	1739	1826	1547	1753	3278	264	1753	3384	174
Grp Volume(v), veh/h	49	0	118	124	100	385	18	616	632	288	421	436
Grp Sat Flow(s),veh/h/ln	974	0	1848	1739	1826	1547	1753	1749	1793	1753	1749	1809
Q Serve(g_s), s	7.1	0.0	9.2	7.0	7.0	36.1	0.7	37.5	37.6	10.0	33.1	33.1
Cycle Q Clear(g_c), s	7.1	0.0	9.2	7.0	7.0	36.1	0.7	37.5	37.6	10.0	33.1	33.1
Prop In Lane	1.00		0.07	1.00		1.00	1.00		0.15	1.00		0.10
Lane Grp Cap(c), veh/h	201	0	297	252	442	494	373	994	1019	354	1105	1143
V/C Ratio(X)	0.24	0.00	0.40	0.49	0.23	0.78	0.05	0.62	0.62	0.81	0.38	0.38
Avail Cap(c_a), veh/h	228	0	346	252	491	535	392	994	1019	558	1105	1143
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.33	0.33	0.33
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.93	0.93	0.93
Uniform Delay (d), s/veh	59.4	0.0	60.2	56.0	48.7	49.4	15.8	23.0	23.0	24.1	36.4	36.4
Incr Delay (d2), s/veh	0.2	0.0	0.3	0.6	0.1	5.9	0.0	2.9	2.8	2.2	0.9	0.9
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	3.2	0.0	7.8	2.5	5.9	21.1	0.5	22.6	23.2	9.9	22.2	22.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	59.6	0.0	60.5	56.6	48.7	55.3	15.8	25.9	25.9	26.3	37.3	37.3
LnGrp LOS	E	A	E	E	D	E	B	C	C	C	D	D
Approach Vol, veh/h		167			609			1266			1145	
Approach Delay, s/veh		60.3			54.5			25.7			34.6	
Approach LOS		E			D			C			C	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	18.4	96.9	13.0	31.7	8.2	107.1		44.7
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	31.0	68.0	7.0	30.0	4.0	95.0		43.0
Max Q Clear Time (g_c+I1), s	12.0	39.6	9.0	11.2	2.7	35.1		38.1
Green Ext Time (p_c), s	0.3	5.7	0.0	0.3	0.0	3.5		0.6

Intersection Summary	
HCM 6th Ctrl Delay	36.2
HCM 6th LOS	D

Intersection	
Int Delay, s/veh	0.2

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	10	9	13	1649	1304	15
Future Vol, veh/h	10	9	13	1649	1304	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	25	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	94	94	92	92
Heavy Vehicles, %	2	2	4	4	4	4
Mvmt Flow	11	10	14	1754	1417	16

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	2330	717	1433	0	-	0
Stage 1	1425	-	-	-	-	-
Stage 2	905	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.18	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.24	-	-	-
Pot Cap-1 Maneuver	31	372	460	-	-	-
Stage 1	188	-	-	-	-	-
Stage 2	355	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	30	372	460	-	-	-
Mov Cap-2 Maneuver	153	-	-	-	-	-
Stage 1	182	-	-	-	-	-
Stage 2	355	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	23.8	0.1	0
HCM LOS	C		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	460	-	212	-	-
HCM Lane V/C Ratio	0.03	-	0.097	-	-
HCM Control Delay (s)	13.1	-	23.8	-	-
HCM Lane LOS	B	-	C	-	-
HCM 95th %tile Q(veh)	0.1	-	0.3	-	-

HCM 6th Signalized Intersection Summary
13: Federal Highway & NE 1st Street

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	59	32	39	5	11	82	34	1214	16	137	1692	51
Future Volume (veh/h)	59	32	39	5	11	82	34	1214	16	137	1692	51
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1870	1870	1870	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	74	40	24	6	13	69	39	1380	17	149	1839	48
Peak Hour Factor	0.80	0.80	0.80	0.83	0.83	0.83	0.88	0.88	0.88	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	4	4	4	4	4	4
Cap, veh/h	137	113	68	66	128	163	236	2908	36	424	2862	74
Arrive On Green	0.10	0.10	0.10	0.10	0.10	0.10	1.00	1.00	1.00	0.82	0.82	0.82
Sat Flow, veh/h	1331	1095	657	354	1237	1585	308	3538	44	462	3483	91
Grp Volume(v), veh/h	74	0	64	19	0	69	39	682	715	149	920	967
Grp Sat Flow(s),veh/h/ln	1331	0	1752	1592	0	1585	308	1749	1833	462	1749	1824
Q Serve(g_s), s	8.8	0.0	5.4	0.0	0.0	6.5	5.9	0.0	0.0	13.6	31.6	32.2
Cycle Q Clear(g_c), s	14.2	0.0	5.4	5.4	0.0	6.5	38.2	0.0	0.0	13.6	31.6	32.2
Prop In Lane	1.00		0.38	0.32		1.00	1.00		0.02	1.00		0.05
Lane Grp Cap(c), veh/h	137	0	181	194	0	163	236	1437	1506	424	1437	1499
V/C Ratio(X)	0.54	0.00	0.35	0.10	0.00	0.42	0.17	0.47	0.47	0.35	0.64	0.65
Avail Cap(c_a), veh/h	283	0	372	376	0	337	236	1437	1506	424	1437	1499
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	1.00	0.51	0.51	0.51	0.93	0.93	0.93
Uniform Delay (d), s/veh	73.4	0.0	66.8	65.0	0.0	67.3	4.7	0.0	0.0	3.8	5.4	5.4
Incr Delay (d2), s/veh	2.4	0.0	0.9	0.2	0.0	1.3	0.8	0.6	0.5	2.1	2.0	2.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	5.6	0.0	4.5	1.3	0.0	4.9	0.7	0.4	0.4	2.4	15.2	16.0
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	75.8	0.0	67.7	65.2	0.0	68.6	5.5	0.6	0.5	5.9	7.4	7.4
LnGrp LOS	E	A	E	E	A	E	A	A	A	A	A	A
Approach Vol, veh/h		138			88			1436			2036	
Approach Delay, s/veh		72.0			67.8			0.7			7.3	
Approach LOS		E			E			A			A	

Timer - Assigned Phs		2		4		6		8				
Phs Duration (G+Y+Rc), s		137.5		22.5		137.5		22.5				
Change Period (Y+Rc), s		6.0		6.0		6.0		6.0				
Max Green Setting (Gmax), s		114.0		34.0		114.0		34.0				
Max Q Clear Time (g_c+I1), s		40.2		16.2		34.2		8.5				
Green Ext Time (p_c), s		8.6		0.3		19.4		0.2				

Intersection Summary												
HCM 6th Ctrl Delay			8.6									
HCM 6th LOS			A									

HCM 6th Signalized Intersection Summary
5: Federal Highway & Dania Beach Blvd.

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	72	106	31	177	206	336	63	1167	128	403	1044	34
Future Volume (veh/h)	72	106	31	177	206	336	63	1167	128	403	1044	34
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00	1.00		1.00	1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No			No			No			No	
Adj Sat Flow, veh/h/ln	1870	1870	1870	1826	1826	1826	1841	1841	1841	1841	1841	1841
Adj Flow Rate, veh/h	78	115	29	197	229	323	65	1203	108	415	1076	28
Peak Hour Factor	0.92	0.92	0.92	0.90	0.90	0.90	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	5	5	5	4	4	4	4	4	4
Cap, veh/h	136	178	45	191	386	558	403	1711	153	429	2257	59
Arrive On Green	0.12	0.12	0.12	0.05	0.21	0.21	0.03	0.53	0.53	0.30	1.00	1.00
Sat Flow, veh/h	924	1441	363	1739	1826	1547	1753	3246	291	1753	3482	91
Grp Volume(v), veh/h	78	0	144	197	229	323	65	647	664	415	540	564
Grp Sat Flow(s),veh/h/ln	924	0	1805	1739	1826	1547	1753	1749	1788	1753	1749	1824
Q Serve(g_s), s	13.3	0.0	12.2	8.0	18.1	27.0	2.7	44.5	44.7	21.4	0.0	0.0
Cycle Q Clear(g_c), s	17.4	0.0	12.2	8.0	18.1	27.0	2.7	44.5	44.7	21.4	0.0	0.0
Prop In Lane	1.00		0.20	1.00		1.00	1.00		0.16	1.00		0.05
Lane Grp Cap(c), veh/h	136	0	223	191	386	558	403	922	942	429	1133	1183
V/C Ratio(X)	0.57	0.00	0.64	1.03	0.59	0.58	0.16	0.70	0.70	0.97	0.48	0.48
Avail Cap(c_a), veh/h	195	0	338	191	502	656	419	922	942	551	1133	1183
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	2.00	2.00	2.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.70	0.70	0.70
Uniform Delay (d), s/veh	71.1	0.0	66.7	67.1	56.9	41.3	16.5	28.4	28.5	25.0	0.0	0.0
Incr Delay (d2), s/veh	1.4	0.0	1.2	73.2	0.5	0.4	0.1	4.5	4.4	20.0	1.0	1.0
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	5.8	0.0	9.7	12.7	13.3	15.8	2.0	26.8	27.4	13.8	0.6	0.6
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	72.5	0.0	67.9	140.2	57.4	41.7	16.5	32.9	32.9	45.0	1.0	1.0
LnGrp LOS	E	A	E	F	E	D	B	C	C	D	A	A
Approach Vol, veh/h		222			749			1376			1519	
Approach Delay, s/veh		69.5			72.4			32.1			13.0	
Approach LOS		E			E			C			B	

Timer - Assigned Phs	1	2	3	4	5	6		8
Phs Duration (G+Y+Rc), s	29.9	90.3	14.0	25.8	10.5	109.7		39.8
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0	6.0		6.0
Max Green Setting (Gmax), s	35.0	63.0	8.0	30.0	6.0	92.0		44.0
Max Q Clear Time (g_c+I1), s	23.4	46.7	10.0	19.4	4.7	2.0		29.0
Green Ext Time (p_c), s	0.5	5.3	0.0	0.4	0.0	4.9		1.1

Intersection Summary	
HCM 6th Ctrl Delay	34.6
HCM 6th LOS	C

HCM 6th Signalized Intersection Summary
8: Federal Highway & Old Griffin Rd./Boat Sales

09/04/2019

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	118	1	197	0	0	0	139	1614	0	0	2233	163
Future Volume (veh/h)	118	1	197	0	0	0	139	1614	0	0	2233	163
Initial Q (Qb), veh	0	0	0				0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	1.00		1.00				1.00		1.00	1.00		1.00
Parking Bus, Adj	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Work Zone On Approach		No						No			No	
Adj Sat Flow, veh/h/ln	1811	1870	1811				1841	1841	0	1870	1841	1841
Adj Flow Rate, veh/h	149	1	192				156	1813	0	0	2302	147
Peak Hour Factor	0.79	0.79	0.79				0.89	0.89	0.89	0.97	0.97	0.97
Percent Heavy Veh, %	6	2	6				4	4	0	2	4	4
Cap, veh/h	232	1	212				155	2765	0	45	2307	146
Arrive On Green	0.13	0.13	0.13				0.06	0.79	0.00	0.00	0.69	0.69
Sat Flow, veh/h	1725	8	1578				1753	3589	0	332	3340	211
Grp Volume(v), veh/h	149	0	193				156	1813	0	0	1193	1256
Grp Sat Flow(s),veh/h/ln	1725	0	1586				1753	1749	0	332	1749	1803
Q Serve(g_s), s	13.1	0.0	19.2				10.0	36.1	0.0	0.0	106.3	110.5
Cycle Q Clear(g_c), s	13.1	0.0	19.2				10.0	36.1	0.0	0.0	106.3	110.5
Prop In Lane	1.00		0.99				1.00		0.00	1.00		0.12
Lane Grp Cap(c), veh/h	232	0	213				155	2765	0	45	1208	1245
V/C Ratio(X)	0.64	0.00	0.91				1.01	0.66	0.00	0.00	0.99	1.01
Avail Cap(c_a), veh/h	248	0	228				155	2765	0	45	1208	1245
HCM Platoon Ratio	1.00	1.00	1.00				1.00	1.00	1.00	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00				1.00	1.00	0.00	0.00	1.00	1.00
Uniform Delay (d), s/veh	65.6	0.0	68.2				62.6	7.3	0.0	0.0	24.1	24.8
Incr Delay (d2), s/veh	5.1	0.0	34.0				74.8	1.2	0.0	0.0	23.2	27.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0				0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(95%),veh/ln	10.2	0.0	15.0				14.7	17.9	0.0	0.0	59.2	64.9
Unsig. Movement Delay, s/veh												
LnGrp Delay(d),s/veh	70.7	0.0	102.2				137.5	8.5	0.0	0.0	47.3	52.4
LnGrp LOS	E	A	F				F	A	A	A	D	F
Approach Vol, veh/h		342						1969			2449	
Approach Delay, s/veh		88.5						18.7			49.5	
Approach LOS		F						B			D	

Timer - Assigned Phs		2		4	5	6
Phs Duration (G+Y+Rc), s		132.5		27.5	16.0	116.5
Change Period (Y+Rc), s		6.0		6.0	6.0	6.0
Max Green Setting (Gmax), s		125.0		23.0	10.0	109.0
Max Q Clear Time (g_c+I1), s		38.1		21.2	12.0	112.5
Green Ext Time (p_c), s		14.6		0.3	0.0	0.0

Intersection Summary			
HCM 6th Ctrl Delay			39.8
HCM 6th LOS			D

Intersection	
Int Delay, s/veh	0.7

Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	14	12	12	1740	2415	15
Future Vol, veh/h	14	12	12	1740	2415	15
Conflicting Peds, #/hr	0	0	0	0	0	0
Sign Control	Stop	Stop	Free	Free	Free	Free
RT Channelized	-	None	-	None	-	None
Storage Length	0	-	25	-	-	-
Veh in Median Storage, #	2	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	89	89	97	97
Heavy Vehicles, %	2	2	4	4	4	4
Mvmt Flow	15	13	13	1955	2490	15

Major/Minor	Minor2		Major1		Major2	
Conflicting Flow All	3502	1253	2505	0	-	0
Stage 1	2498	-	-	-	-	-
Stage 2	1004	-	-	-	-	-
Critical Hdwy	6.84	6.94	4.18	-	-	-
Critical Hdwy Stg 1	5.84	-	-	-	-	-
Critical Hdwy Stg 2	5.84	-	-	-	-	-
Follow-up Hdwy	3.52	3.32	2.24	-	-	-
Pot Cap-1 Maneuver	~ 5	163	173	-	-	-
Stage 1	48	-	-	-	-	-
Stage 2	315	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	~ 5	163	173	-	-	-
Mov Cap-2 Maneuver	41	-	-	-	-	-
Stage 1	44	-	-	-	-	-
Stage 2	315	-	-	-	-	-

Approach	EB	NB	SB
HCM Control Delay, s	102.2	0.2	0
HCM LOS	F		

Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR
Capacity (veh/h)	173	-	63	-	-
HCM Lane V/C Ratio	0.078	-	0.449	-	-
HCM Control Delay (s)	27.6	-	102.2	-	-
HCM Lane LOS	D	-	F	-	-
HCM 95th %tile Q(veh)	0.2	-	1.7	-	-

Notes

~: Volume exceeds capacity $: Delay exceeds 300s +: Computation Not Defined *: All major volume in platoon

Appendix H – Site Plan

Avid Hotel

City of Dania Beach, Florida

Surface Water Management Calculations

Prepared by

Pillar Consultants, Inc.

5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

LISS EVANS
LICENSE
No. 39461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

11/05/2019
Project No. 150011C

DATE:	11/5/2019		Pre-Development
PROJECT NAME:	Avid Hotel		
PROJECT No.:	15011C		
BY:	PILLAR CONSULTANTS, INC.:	TJP	

I. GIVEN

A. AREAS

1. Pond =	0.00	ac.	0.00%
2. Buildings =	0.00	ac.	0.00%
3. Paving & Others =	0.00	ac.	0.00%
4. Low Green (10.3-14.9) =	0.78	ac.	100.00%
5. Pond Banks =	0.00	ac.	0.00%
6. Swale flat =	0.00	ac.	0.00%
6. High Green (2.1-5.5)=	0.00	ac.	0.00%
6. Swale flat =	0.00	ac.	0.00%
7. Swale Slope =	0.00	ac.	0.00%
8. Project Total =	0.78	ac.	

B. QUANTITY

1. Design Event and Rainfall Amounts

a. Design Event for Quality
Frequency: 3 year
Duration: 1 hour
Amount: 6 in.

b. Design Event for Minimum Road Elevation: (if not specified by Local Districts)
Frequency: 10 year
Duration: 24 hour (road centerlines)
1 hour (for parking lots served by exfiltration system)
Amount: 8.50 in.
Flood Contour: 4.5

c. Design Event for Discharge:
Frequency: 25 year
Duration: 72 hour
Amount: 14.40
Flood Contour: n/a

d. Design Event for Minimum Finish Floor Elevation:
Frequency: 100 year
Duration: 72 hour
Amount: 17.3
Flood Contour: 6.5

III. COMPUTATIONS

SCS CURVE NUMBER

1. Average water table elevation:
   = control elevation
   = 0.50 ft. NAVD

2. The site grades vary from 10.30 to 14.90 ft. NAVD, and,
   the average site grade
   = 13.00 ft. NAVD OVERALL

3. Average depth to water table:
   = average site grade elevation - average control elevation
   = 13.00 ft. NAVD - 0.50 ft. NAVD
   = 12.50 ft. NAVD

4. From the soil storage table in the S.F.W.M. manual, assuming a 25% compaction
   and 12.50 ft. (NAVD) to the water table, up to 6.75 inches can be stored
   in the soil under under pervious areas.

5. Compute available soil storage:
   = storage available X pervious areas
   = 6.75 in. X 0.78 ac. X 1 ft./12 in.
   = 0.44 ac.- ft.

6. Convert available soil storage to site-wide moisture storage, S
   = available soil storage on-site/site area
   = 0.44 ac.- ft. / 0.78 ac. X 12 in./1 ft.
   = 6.75 in. of site-wide storage, S.

7. The SCS Curve Number, CN
   = 1000/(S+10)
   = 60 SCS curve number, CN

C. PROJECT SURFACE STORAGE

1.

AREA	ACRES	V/L	START ELEV	END ELEV.	CHANGE
Lakes	0.00	V	0.00	N/A	N/A
Buildings	0.00	V	0.00	N/A	N/A
Paving & Others	0.00	L	0.00	0.00	0.00
Low Green (10.3-14.9)	0.78	L	10.30	14.90	4.60
Lake Banks	0.00	L	0.00	0.00	0.00
Swale Flat ()	0.00	V	0.00	N/A	N/A
High Green	0.00	L	0.00	0.00	0.00
Swale flat ()	0.00	V	0.00	N/A	N/A
Swale Slope ()	0.00	L	0.00	0.00	0.00

2. Stage vs Storage curve data.

STAGE (ft.)	LAKE (ac.-ft.)	LAKE BANKS (ac.-ft.)	PAVING (ac.- ft.)	Low Green (ac.- ft.)	SWALE FL 4.0 (ac.- ft.)	Swale SL (ac.-ft.)	SWALE FL 4.5 (ac.-ft.)	SWALE SL 4.5-6.5 (ac.- ft.)	TOTAL (ac.- ft.)
10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
11.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.04
11.50	0.00	0.00	0.00	0.12	0.00	0.00	0.00	0.00	0.12
12.00	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.25
12.50	0.00	0.00	0.00	0.41	0.00	0.00	0.00	0.00	0.41
13.00	0.00	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.62
13.50	0.00	0.00	0.00	0.87	0.00	0.00	0.00	0.00	0.87
14.00	0.00	0.00	0.00	1.16	0.00	0.00	0.00	0.00	1.16
14.50	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	1.50
15.00	0.00	0.00	0.00	1.87	0.00	0.00	0.00	0.00	1.87
15.50	0.00	0.00	0.00	2.26	0.00	0.00	0.00	0.00	2.26
16.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00	0.00	2.65
16.50	0.00	0.00	0.00	3.04	0.00	0.00	0.00	0.00	3.04
17.00	0.00	0.00	0.00	3.43	0.00	0.00	0.00	0.00	3.43

3. Stage vs Storage curve (see attached plot).

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 11, 2005;0000 hr Duration: 24 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 24 hr
Design Frequency: 10 year
1 Day Rainfall: 8.5 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
10.00	0.00
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	11.95	24.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.24	0.00	0.00	0.00	0.24	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 25 year
3 Day Rainfall: 14.4 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87
15.50	2.26

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	12.95	72.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.56	0.00	0.00	0.04	0.60	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.2 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 100 year
3 Day Rainfall: 17.2999 inches
Area: 0.78 acres
Ground Storage: 6.75 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
11.00	0.04
11.50	0.12
12.00	0.25
12.50	0.41
13.00	0.62
13.50	0.87
14.00	1.16
14.50	1.50
15.00	1.87
15.50	2.26

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	13.29	72.00	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.73	0.00	0.00	0.04	0.77	0.00

DATE:	11/5/2019		Post-Development
PROJECT NAME:	Avid Hotel		
PROJECT No.:	15011		
BY:	PILLAR CONSULTANTS, INC.:	TJP	

I. GIVEN

A. AREAS

1. Pond =	0.00 ac.	0.00%
2. Buildings =	0.15 ac.	19.23%
3. Paving & Others =	0.50 ac.	64.10%
4. Green Areas() =	0.13 ac.	16.67%
5. Green Areas() =	0.00 ac.	0.00%
6. Pond Banks =()	0.00 ac.	0.00%
7. Swale flat () =	0.00 ac.	0.00%
8. LME ()=	0.00 ac.	0.00%
9. Swale flat () =	0.00 ac.	0.00%
10. Swale Slope ()=	0.00 ac.	0.00%
Project Total =	0.78 ac.	

B. OTHER

1. Current Zoning:	*		
2. Master S.F.W.M.P. No.:	N/A		
3. Min. Building Elev. Per Permit:	6.50	ft. NAVD	
4. Min. Road Crown Elev. Per Permit:	4.50	ft. NAVD	
5. Receiving Body:	N/A		
6. Control Elevation:	0.50	ft. NAVD	
7. Allowable Discharge Per Permit:	na	cfs	
8. Total Area Per Permit:	0.78	ac.	
9. Allowable Discharge For This Site:	0.05	cfs	based on 40 CSM
10. Drainage Basin:	N/A		

* Note: Proposed minimum road elevation must be at least 2 ft. above wet season water table, or control elevation.

II. DESIGN CRITERIA

A. QUALITY

1. If a wet detention system, then whichever is greater of the following:
   a. The first inch of runoff from the entire site.
   b. The amount of 2.5 inches times the percentage of imperviousness
2. If a dry detention system, then 75% of the volume required for wet detention.
3. If a retention system, then 50% of the volume required.
4. If the site zoning is commercial, at least 0.50 in. of retention or dry detention pre-treatment shall be provided.
5. Any detention system shall be designed to discharge not more than 0.5 inch of the detained volume per day. A V-shaped configuration is desirable.

B. QUANTITY

1. Design Event and Rainfall Amounts

a. Design Event for Quality
Frequency: 3 year
Duration: 1 hour
Amount: 6 in.

b. Design Event for Minimum Road Elevation: (if not specified by Local Districts)
Frequency: 10 year
Duration: 24 hour (road centerlines)
1 hour (for parking lots served by exfiltration system)
Amount: 8.50 in.
Flood Contour: 4.5 NAVD

c. Design Event for Discharge:
Frequency: 25 year
Duration: 72 hour
Amount: 14.40
Flood Contour: n/a

d. Design Event for Minimum Finish Floor Elevation:
Frequency: 100 year
Duration: 72 hour
Amount: 17.3
Flood Contour: 6.5 NAVD

III. COMPUTATIONS

A. QUALITY

1. Compute the first inch of runoff from the developed project:

= 1.00 inch X 0.78 ac. X 1 ft./12 in.
= 0.07 ac.-ft. for the first inch of runoff.

2. Compute 2.5 inch times the percentage of imperviousness:

a. Site area for water quality pervious/impervious calculations only:
= total project - (water surface + roof)
= 0.78 ac. - (0.00 ac. + 0.15 ac.)
= 0.63 ac. site area, for water quality pervious/impervious.

b. Impervious area for water quality pervious/impervious calculations only:
= (site area for water quality pervious/impervious) - pervious
= 0.63 ac. - 0.13 ac.
= 0.50 ac. impervious area, for water quality pervious/impervious.

c. Percentage of imperviousness for water quality:
= (impervious area for water quality) / (site area for water quality) x 100%
= 0.50 ac. / 0.63 ac. X 100%
= 79.37%

d. For 2.5 in. times the percentage impervious.
= 2.50 in. X 79.37%
= 1.98 in. to be treated.

e. Compute volume required for quality detention:
= inches to be treated x (total project - lakes)
= 1.98 in. X (0.78 ac. - 0.00) X 1 ft./12 in.
= 0.13 ac.- ft.

3. Summary

The first inch of runoff from the developed project:	0.07	ac.- ft.
Volume required for 2.5 in. times the % imperviousness:	0.13	ac.- ft.

Therefore,

The volume	0.13	ac.- ft. controls.

4. If the project were discharging directly to a sensitive receiving body or if the project is zoned commercial and/or is more than 40% impervious, then, 0.5 inches of dry detention or retention pre-treatment must be provided.

= 0.50 in. x (total project - lakes)
= 0.50 in. X (0.78 ac. - 0.00) X 1 ft./12 in.
= 0.03 ac. - ft. required for pre-treatment

5. Compute credit for using one of the following systems:

a. Wet detention volume to be provided:
= total required detention - pre-treatment
= 0.13 ac.- ft. 0.03 ac.- ft.
= 0.10 ac.- ft. of volume required for wet detention (lake volume).

b. Dry detention volume shall be provided equal to 75% of the wet detention volume:
= 0.10 ac.- ft. X 75%
= 0.07 ac.- ft. of volume required for dry detention.

c. Retention volume shall be provided equal to 50% of wet detention volume:
= 0.10 ac.- ft. X 50%
= 0.05 ac.- ft. of volume required for retention.

B. SCS CURVE NUMBER

1. Average water table elevation:
= control elevation
= 0.50 ft. NAVD

2. Per. site grades vary from 10.80 to 14.00 ft. NAVD, thus, the average site grade
= 13.00 ft. NAVD

3. Average depth to water table:
   = average site grade elevation - average control elevation
   = 13.00 ft. NAVD - 0.50 ft. NAVD
   = 12.50 ft. NAVD

4. From the soil storage table in the S.F.W.M. manual, assuming a 25% compaction and, 12.50 ft. (NAVD) to the water table, up to 6.75 inches can be stored in the soil under under pervious areas.

5. Compute available soil storage:
   = storage available X pervious areas
   = 6.75 in. X 0.13 ac. X 1 ft./12 in.
   = 0.07 ac.- ft. s

6. Convert available soil storage to site-wide moisture storage, S
   = available soil storage on-site/site area
   = 0.07 ac.- ft. / 0.78 ac. X 12 in./1 ft.
   = 1.13 in. of site-wide storage, S.

7. The SCS Curve Number, CN
   = 1000/(S+10)
   = 90 SCS curve number, CN

C. PROJECT SURFACE STORAGE

1.

AREA	ACRES	V/L	START ELEV	END ELEV.	CHANGE	W.Avg green
Lakes	0.00	V	0.00	N/A	N/A	
Buildings	0.15	V	14.00	N/A	N/A	
Paving & Others	0.50	L	12.70	14.00	1.30	
Lowgreen ()	0.13	L	10.80	13.50	2.70	1.6
Highgreen ()	0.00	L	0.00	0.00	0.00	0.0
Lake Banks()	0.00	L	0.00	0.00	0.00	0.0
Swale Flat ()	0.00	V	0.00	N/A	N/A	
LME ()	0.00	L	0.00	0.00	0.00	0.0
Swale flat ()	0.00	V	0.00	N/A	N/A	
Swale Slope ()	0.00	L	0.00	0.00	0.00	0.0
					Avg. Gr	12.2

2. Stage vs Storage curve data.

STAGE (ft.)	LAKE (ac.-ft.)	LAKE BANKS (ac.- ft.)	PAVING (ac.- ft.)	LOW GREEN (ac.- ft.)	HIGH GREEN (ac.- ft.)	SWALE FL 4.0 (ac.- ft.)	LME (ac.-ft.)	EXFIL. TRENCH	TOTAL (ac.- ft.)
7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01
7.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.03
8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.05
8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.07
9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.10
9.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.12
10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.14
10.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.16
11.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.18
11.50	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.20	0.21
12.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.20	0.23
12.50	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.20	0.27
13.00	0.00	0.00	0.02	0.12	0.00	0.00	0.00	0.20	0.33
13.50	0.00	0.00	0.12	0.18	0.00	0.00	0.00	0.20	0.50
14.00	0.00	0.00	0.33	0.24	0.00	0.00	0.00	0.20	0.77

3. Stage vs Storage curve (see attached plot).

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 11, 2005;0000 hr Duration: 24 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 24 hr
Design Frequency: 10 year
1 Day Rainfall: 8.5 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: Site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.09	0.00	0.00	0.00	6.50	0.50
2.00	0.17	0.00	0.00	0.00	6.50	0.50
3.00	0.27	0.00	0.00	0.00	6.50	0.50
4.00	0.38	0.02	0.00	0.00	6.55	0.50
5.00	0.53	0.04	0.00	0.00	6.68	0.50
6.00	0.71	0.07	0.00	0.00	6.92	0.50
7.00	0.92	0.10	0.00	0.00	7.14	0.50
8.00	1.16	0.14	0.00	0.00	7.40	0.50
9.00	1.45	0.18	0.00	0.00	7.73	0.50
10.00	1.81	0.24	0.00	0.00	8.17	0.50
11.00	2.29	0.37	0.00	0.00	8.69	0.50
12.00	5.58	4.15	2.67	0.02	11.55	0.50
13.00	6.52	0.52	0.00	0.14	11.33	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	7.23	0.20	0.00	0.19	11.29	0.50
16.00	7.48	0.20	0.00	0.21	11.32	0.50
17.00	7.63	0.12	0.00	0.22	11.31	0.50
18.00	7.79	0.12	0.00	0.23	11.29	0.50
19.00	7.94	0.12	2.67	0.24	11.30	0.50
20.00	8.09	0.12	0.00	0.25	11.31	0.50
21.00	8.19	0.08	0.00	0.25	11.30	0.50
22.00	8.30	0.08	0.00	0.26	11.29	0.50
23.00	8.40	0.08	0.00	0.27	11.28	0.50
24.00	8.50	0.08	0.00	0.27	11.32	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	11.92	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Basin	Max (ft)	Time (hr)	Min (ft)	Time (hr)
Site	11.68	12.10	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.47	0.00	0.27	0.00	0.20	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: Site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 25 year
3 Day Rainfall: 14.4 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: Site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.06	0.00	0.00	0.00	6.50	0.50
2.00	0.13	0.00	0.00	0.00	6.50	0.50
3.00	0.19	0.00	0.00	0.00	6.50	0.50
4.00	0.26	0.00	0.00	0.00	6.50	0.50
5.00	0.32	0.01	0.00	0.00	6.52	0.50
6.00	0.39	0.01	0.00	0.00	6.56	0.50
7.00	0.45	0.01	0.00	0.00	6.61	0.50
8.00	0.52	0.02	0.00	0.00	6.68	0.50
9.00	0.58	0.02	0.00	0.00	6.76	0.50
10.00	0.64	0.02	0.00	0.00	6.85	0.50
11.00	0.71	0.03	0.00	0.00	6.95	0.50
12.00	0.77	0.03	0.00	0.00	7.03	0.50
13.00	0.84	0.03	0.00	0.00	7.09	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	0.97	0.03	0.00	0.00	7.22	0.50
16.00	1.03	0.03	0.00	0.00	7.28	0.50
17.00	1.10	0.03	0.00	0.00	7.35	0.50
18.00	1.16	0.04	0.00	0.00	7.43	0.50
19.00	1.22	0.04	0.00	0.00	7.50	0.50
20.00	1.29	0.04	0.00	0.00	7.57	0.50
21.00	1.35	0.04	0.00	0.00	7.65	0.50
22.00	1.42	0.04	0.00	0.00	7.73	0.50
23.00	1.48	0.04	0.00	0.00	7.81	0.50
24.00	1.55	0.04	0.00	0.00	7.89	0.50
25.00	1.64	0.06	0.00	0.00	8.01	0.50
26.00	1.74	0.06	0.00	0.00	8.13	0.50
27.00	1.83	0.06	0.00	0.00	8.26	0.50
28.00	1.92	0.06	0.00	0.00	8.38	0.50
29.00	2.02	0.06	0.00	0.00	8.51	0.50
30.00	2.11	0.06	0.00	0.00	8.60	0.50
31.00	2.21	0.06	0.00	0.00	8.68	0.50
32.00	2.30	0.06	0.00	0.00	8.77	0.50
33.00	2.39	0.07	0.00	0.00	8.86	0.50
34.00	2.49	0.07	0.00	0.00	8.95	0.50
35.00	2.58	0.07	0.00	0.00	9.06	0.50
36.00	2.68	0.07	0.00	0.00	9.20	0.50
37.00	2.77	0.07	0.00	0.00	9.34	0.50
38.00	2.86	0.07	0.00	0.00	9.48	0.50
39.00	2.96	0.07	0.00	0.00	9.62	0.50
40.00	3.05	0.07	0.00	0.00	9.76	0.50
41.00	3.15	0.07	0.00	0.00	9.90	0.50
42.00	3.24	0.07	0.00	0.00	10.04	0.50
43.00	3.33	0.07	0.00	0.00	10.18	0.50
44.00	3.43	0.07	0.00	0.00	10.32	0.50
45.00	3.52	0.07	0.00	0.00	10.46	0.50
46.00	3.62	0.07	0.00	0.00	10.61	0.50
47.00	3.71	0.07	0.00	0.00	10.75	0.50
48.00	3.80	0.07	0.00	0.00	10.89	0.50
49.00	3.91	0.08	0.00	0.00	11.04	0.50
50.00	4.02	0.08	0.00	0.00	11.14	0.50
51.00	4.14	0.09	0.00	0.00	11.27	0.50
52.00	4.28	0.11	0.00	0.01	11.29	0.50
53.00	4.46	0.14	0.00	0.02	11.28	0.50
54.00	4.68	0.17	0.00	0.03	11.32	0.50
55.00	4.95	0.21	0.00	0.05	11.28	0.50
56.00	5.26	0.24	0.00	0.07	11.29	0.50
57.00	5.62	0.29	0.00	0.09	11.29	0.50
58.00	6.06	0.36	0.00	0.11	11.31	0.50
59.00	6.65	0.52	0.00	0.15	11.29	0.50
60.00	10.75	5.34	2.67	0.28	12.44	0.50
61.00	11.93	0.66	0.00	0.49	11.31	0.50
62.00	12.47	0.38	0.00	0.53	11.28	0.50
63.00	12.81	0.25	0.00	0.55	11.30	0.50
64.00	13.13	0.25	0.00	0.57	11.28	0.50
65.00	13.32	0.15	0.00	0.58	11.32	0.50
66.00	13.51	0.15	0.00	0.60	11.28	0.50
67.00	13.70	0.15	0.00	0.61	11.30	0.50
68.00	13.89	0.15	0.00	0.62	11.32	0.50
69.00	14.02	0.10	0.00	0.63	11.29	0.50
70.00	14.15	0.10	0.00	0.64	11.30	0.50
71.00	14.27	0.10	0.00	0.64	11.32	0.50
72.00	14.40	0.10	0.00	0.65	11.33	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	51.47	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

Site	12.59	60.17	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
Site	0.85	0.00	0.65	0.00	0.20	0.00

Project Name: Avid Hotel
Reviewer: TJP
Project Number: 15011C
Period Begin: Mar 10, 2005;0000 hr End: Mar 13, 2005;0000 hr Duration: 72 hr
Time Step: 0.016 hr, Iterations: 10

Basin 1: site

Method: Santa Barbara Unit Hydrograph
Rainfall Distribution: SFWMD - 3day
Design Frequency: 100 year
3 Day Rainfall: 17.2999 inches
Area: 0.78 acres
Ground Storage: 1.13 inches
Time of Concentration: 0.16 hours
Initial Stage: 0.5 ft NGVD

Stage (ft NGVD)	Storage (acre-ft)
6.50	0.00
7.00	0.01
7.50	0.03
8.00	0.05
8.50	0.07
9.00	0.10
9.50	0.12
10.00	0.14
10.50	0.16
11.00	0.18
11.50	0.21
12.00	0.23
12.50	0.27
13.00	0.33
13.50	0.50
14.00	0.77

Offsite Receiving Body: Offsite1

Time (hr)	Stage (ft NGVD)
0.00	0.50
72.00	0.50

Structure: 1

From Basin: site
To Basin: Offsite1
Structure Type: Pump
On Elev = 11.3 ft NGVD, Off Elev = 15 ft NGVD, Capacity = 1200 gpm

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
0.00	0.00	0.00	0.00	0.00	0.50	0.50
1.00	0.08	0.00	0.00	0.00	6.50	0.50
2.00	0.15	0.00	0.00	0.00	6.50	0.50
3.00	0.23	0.00	0.00	0.00	6.50	0.50
4.00	0.31	0.01	0.00	0.00	6.51	0.50
5.00	0.39	0.01	0.00	0.00	6.56	0.50
6.00	0.46	0.02	0.00	0.00	6.62	0.50
7.00	0.54	0.02	0.00	0.00	6.71	0.50
8.00	0.62	0.03	0.00	0.00	6.81	0.50
9.00	0.70	0.03	0.00	0.00	6.93	0.50
10.00	0.77	0.03	0.00	0.00	7.03	0.50
11.00	0.85	0.04	0.00	0.00	7.10	0.50
12.00	0.93	0.04	0.00	0.00	7.18	0.50
13.00	1.01	0.04	0.00	0.00	7.26	0.50

Time (hr)	Cumulative Rainfall (in)	Instant Runoff (cfs)	Current Discharge (cfs)	Cumulative Discharge (acre-ft)	Head Water Stage (ft NGVD)	Tail Water Stage (ft NGVD)
15.00	1.16	0.04	0.00	0.00	7.42	0.50
16.00	1.24	0.04	0.00	0.00	7.51	0.50
17.00	1.32	0.04	0.00	0.00	7.61	0.50
18.00	1.39	0.05	0.00	0.00	7.70	0.50
19.00	1.47	0.05	0.00	0.00	7.80	0.50
20.00	1.55	0.05	0.00	0.00	7.89	0.50
21.00	1.63	0.05	0.00	0.00	7.99	0.50
22.00	1.70	0.05	0.00	0.00	8.09	0.50
23.00	1.78	0.05	0.00	0.00	8.20	0.50
24.00	1.86	0.05	0.00	0.00	8.30	0.50
25.00	1.97	0.07	0.00	0.00	8.45	0.50
26.00	2.08	0.08	0.00	0.00	8.57	0.50
27.00	2.20	0.08	0.00	0.00	8.67	0.50
28.00	2.31	0.08	0.00	0.00	8.78	0.50
29.00	2.42	0.08	0.00	0.00	8.89	0.50
30.00	2.54	0.08	0.00	0.00	9.00	0.50
31.00	2.65	0.08	0.00	0.00	9.16	0.50
32.00	2.76	0.08	0.00	0.00	9.32	0.50
33.00	2.88	0.08	0.00	0.00	9.49	0.50
34.00	2.99	0.08	0.00	0.00	9.66	0.50
35.00	3.10	0.08	0.00	0.00	9.83	0.50
36.00	3.21	0.08	0.00	0.00	10.00	0.50
37.00	3.33	0.08	0.00	0.00	10.17	0.50
38.00	3.44	0.08	0.00	0.00	10.34	0.50
39.00	3.55	0.08	0.00	0.00	10.51	0.50
40.00	3.67	0.08	0.00	0.00	10.68	0.50
41.00	3.78	0.08	0.00	0.00	10.85	0.50
42.00	3.89	0.08	0.00	0.00	11.02	0.50
43.00	4.01	0.08	0.00	0.00	11.13	0.50
44.00	4.12	0.08	0.00	0.00	11.25	0.50
45.00	4.23	0.08	0.00	0.00	11.30	0.50
46.00	4.34	0.08	0.00	0.01	11.30	0.50
47.00	4.46	0.08	0.00	0.02	11.29	0.50
48.00	4.57	0.09	0.00	0.03	11.28	0.50
49.00	4.70	0.10	0.00	0.03	11.29	0.50
50.00	4.82	0.10	0.00	0.04	11.30	0.50
51.00	4.98	0.12	0.00	0.05	11.27	0.50
52.00	5.14	0.13	0.00	0.06	11.32	0.50
53.00	5.36	0.17	0.00	0.07	11.29	0.50
54.00	5.63	0.21	0.00	0.09	11.32	0.50
55.00	5.94	0.25	2.67	0.11	11.31	0.50
56.00	6.31	0.29	0.00	0.13	11.29	0.50
57.00	6.75	0.35	0.00	0.16	11.30	0.50
58.00	7.28	0.43	0.00	0.19	11.30	0.50
59.00	7.99	0.62	2.67	0.24	11.31	0.50
60.00	12.92	6.44	2.67	0.38	12.74	0.50
61.00	14.33	0.80	2.67	0.60	12.17	0.50
62.00	14.98	0.46	0.00	0.69	11.33	0.50
63.00	15.39	0.30	0.00	0.71	11.31	0.50
64.00	15.77	0.30	0.00	0.74	11.29	0.50
65.00	16.00	0.18	0.00	0.76	11.32	0.50
66.00	16.23	0.18	0.00	0.77	11.32	0.50
67.00	16.46	0.18	0.00	0.78	11.32	0.50
68.00	16.69	0.18	0.00	0.80	11.32	0.50
69.00	16.84	0.12	0.00	0.81	11.32	0.50
70.00	16.99	0.12	0.00	0.82	11.30	0.50
71.00	17.15	0.12	0.00	0.83	11.28	0.50
72.00	17.30	0.12	0.00	0.84	11.32	0.50

STRUCTURE MAXIMUM AND MINIMUM DISCHARGES

Struc	Max (cfs)	Time (hr)	Min (cfs)	Time (hr)
1	2.67	44.72	0.00	0.00

BASIN MAXIMUM AND MINIMUM STAGES

site	12.96	60.23	0.50	0.00

BASIN WATER BUDGETS (all units in acre-ft)

Basin	Total Runoff	Structure Inflow	Structure Outflow	Initial Storage	Final Storage	Residual
site	1.04	0.00	0.84	0.00	0.20	0.00

EXFILTRATION TRENCH CALCULATION SHEET

15011C - Avid Hotel

INPUTS:			
PERCOLATION RATE	(K)	1.08E-04	
WIDTH	(W)	6.0	FT
DEPTH TO WT	(H2)	12.2	FT
UNSATURATED TRENCH	(Du)	4.7	FT
SATURATED TRENCH	(Ds)	0.0	FT
WATER TABLE ELEV.	(WT)	0.5	NAVD

RUNOFF INPUTS:		
VOLUME TO BE TREATED	2.40	AC-IN

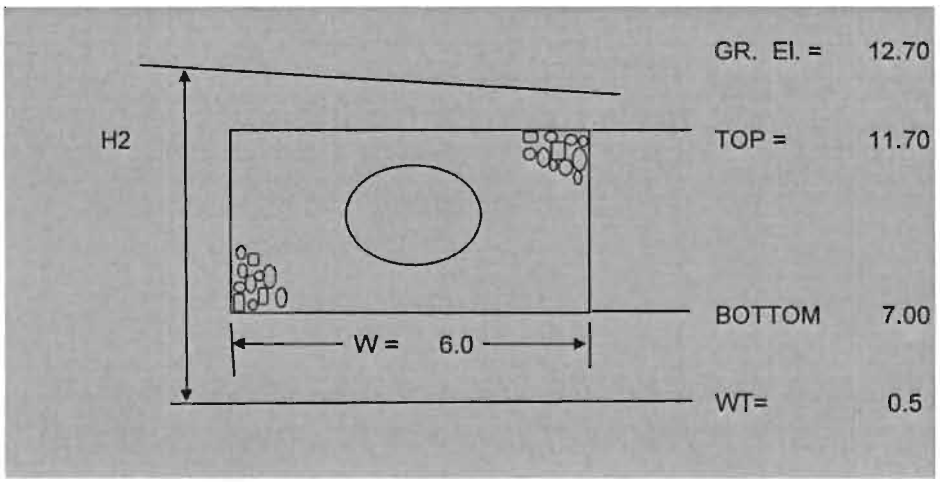
for water quality only

STANDARD FORMULA

$$L = \frac{V}{\{K(H2W+2\times H2Du-Du^2+2\times H2Ds)\}+\{(1.39\times 10E\text{-}4)WDu\}}$$

FORMULA when Ds > Du or when W is twice the height

$$L = \frac{V}{\{K(2\times H2Du-Du^2+2\times H2Ds)\}+\{(1.39\times 10E\text{-}4)WDu\}}$$



LENGTH OF TRENCH NEEDED =	109.97 FEET

LENGTH OF TRENCH PROVIDED =	116.00 FEET
SIZE OF PIPE =	18.00 IN

Volume of voids and pipe only per FDOT criteria

VOL=VOL(pipe) + VOL(voids) VOL(pipe)=L*A VOL(voids)=0.5*[W*(Top-Bottom) - AREA(pipe)]*L

VOL =	1,738.04 CF
	0.04 AC-FT

REPORT OF SUBSURFACE
EXPLORATION AND GEOTECHNICAL
ENGINEERING EVALUATION

FOR:

MR. JAY EVANS
PILLAR CONSULTANTS, INC.
5230 SOUTH UNIVERSITY DRIVE
DAVIE, FLORIDA 33328

PROJECT:

WINGATE HOTEL

LOCATION:

321 NORTH FEDERAL HIGHWAY
DANIA BEACH, FLORIDA 33004

ACES PROJECT NUMBER: 2016-100

PREPARED BY:

Absolute
Civil
Engineering
Solutions LLC

4121 SW 47TH AVENUE, SUITE 1319
DAVIE, FLORIDA 33314

May 3, 2016

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ATTACHMENT:

Attachment 1.0: Soil Boring Logs

Attachment 2.0: Percolation Test Results

Attachment 3.0: Site and Test Location Sketches

1 INTRODUCTION:

In response to the authorization of Mr. Jay Evans of Pillar Consultants Inc., **Absolute Civil Engineering Solutions, LLC (ACES)** is pleased to submit this Geotechnical Engineering Report for the proposed Wingate Hotel to be located at 321 North Federal Highway, Dania Beach, Florida 33004 (See site location sketch attachment 3.0).

2 PROJECT INFORMATION:

The project consisted of performing a preliminary subsurface investigation for a proposed hotel to be located at property address 321 North Federal Highway, Dania Beach, Florida 33004. The purpose of the investigation was to collect and analyze information regarding the subsurface conditions existing in the vicinity of the proposed improvements in order to evaluate site preparation and foundation construction alternatives. The investigation consisted of performing Standard Penetration Test (SPT) borings at four (4) locations and Usual Open Hole Constant Head (UOHCH) percolation test at two (2) locations in the vicinity of the proposed development at the subject property.

3 PROPOSED STRUCTURES:

It is our understanding that the proposed hotel will be built on one parcel of land (Folio No. 5042-34-06-0740) totaling approximately one (1) acre. The proposed improvements will consist of the following:

- The construction of one (1) six (6) story hotel; and
- Driveway, parking, landscaping, and drainage improvements.

4 SCOPE OF WORK:

ACES proposed to test the site's soils for foundation support and to assess the site's subsurface conditions as they pertain to the presence of organic materials, loose or otherwise unsuitable soils, and groundwater.

We have determined that the standard penetration test (SPT) data collected is sufficient to evaluate soil strength and load carrying capability. All drilling, sampling and testing on this project were conducted in general accordance with ASTM procedures or other applicable standards and practices.

ACES conducted a total of four (4) standard penetration test (SPT) borings at the subject property. The test locations were measured in the field by taping and pacing from site features and landmarks. The SPT borings were drilled using a truck-mounted drill and rotary wash drilling procedures. The borings were each advanced to a depth of about 50 feet below the ground surface. Samples for the SPT borings were collected at selected depth intervals via the Standard Penetration Test method (ASTM D-1586). The "N-value" was recorded at each sample location for subsequent use in the engineering evaluation. The N-value provides an empirical indication of soil strength and is determined by the cumulative number of blows required by a 140-lb. hammer, operating freely over a 30-inch drop, to advance a 2-inch O.D. split-barrel sampler one foot into the soils, after initial penetration of 6-inches. Upon completion of each boring, the depth to groundwater was measured.

In addition, two (2) percolation tests were conducted at a depth of about fifteen (15) feet below the ground surface at the subject property. The "K-value" was determined for each percolation test performed for subsequent use in the engineering drainage evaluation and design. The "K-value" is the constant of proportionality known as hydraulic conductivity and was determined using the Usual Open Hole Constant Head (UOHCH) percolation test method. This empirical value represents the ability of a soil to transmit water under a given hydraulic head and is expressed in units of velocity (cfs/ft^2 – ft head). The percolation test results are provided in Attachment 2.0.

The groundwater depth was encountered and measured at each boring and percolation test location.

ACES evaluated the data obtained from the subsurface exploration and prepared this written report for the site summarizing the findings, along with our conclusions and recommendations. Our written report includes the following:

- A description of the site, fieldwork, laboratory testing and general soil conditions encountered, as well as a Boring Location Plan, and individual Boring Records;

- Site preparation considerations that include geotechnical discussions regarding site stripping and sub-grade preparation, and engineered fill/backfill placement;
- The field measured groundwater level;
- Foundation system recommendations for the structure, including allowable foundation capacity;
- Recommended quality control measures (i.e. sampling, testing, and inspection requirements) for site grading and foundation construction; and
- Suitability of on-site soils for re-use as structural fill and backfill.

ACES did observe some obvious odors and stains that were indicative of potential petroleum contaminated soil materials particularly below the groundwater elevation during the performance of our subsurface investigation. However, the assessment of site environmental conditions, the detection of pollutants in the soil, rock or groundwater, or laboratory-testing of samples, wetlands evaluation, or a site-specific environmental study are beyond the scope of this exploration.

5 LABORATORY TESTING:

Our laboratory-testing program includes visual classification of the soil samples collected during the drilling process in accordance with the Unified Soil Classification system (USCS) and ASTM standards. Laboratory testing also includes limited classification tests (grain-size analyses, Atterberg limits and natural moisture content determination) of representative soils, where deemed necessary.

In accordance with the attached General Terms and Conditions, soil samples will be disposed of 30-days after submittal of the final report, unless requested otherwise by the client.

6 GENERAL SUB-SURFACE CONDITIONS:

6.1 General sub-surface conditions

The general subsurface conditions encountered in the vicinity of the proposed structure can be represented by boring B-2 as follows:

DEPTH	MATERIAL DESCRIPTION
0'-0" to 0'-2"	Topsoil
0'-2" to 3'-0"	Black Medium Sand
3'-0" to 7'-8"	Tan Medium Silica Sand with Coral Rocks
7'-8" to 12'-0"	Tan Medium Lime Sand and Lime rock
12'-0" to 22'-0"	Gray Medium Lime Sand with Coral Rocks
22'-0" to 50'-0"	Tan Lime Sand and Lime rock

Test boring records should be consulted for a detailed description of the soil and rock conditions encountered at each boring location. When reviewing the boring records and the subsurface profiles, it should be understood that the soil conditions may vary between boring locations, therefore, special consideration should be given to the boring with the worst conditions encountered. The boring logs are provided in Attachment 1.0.

6.2 Soil Classification

The soil classification, densities, and angles of internal friction data generated from the soil conditions encountered are given in the table below:

Soil Properties						
Soil Type	Soil Description	USCS Classification	Soil Density	Internal Angle of Friction	Average "N" Value for Layer	Skin Friction for Layer
1	Tan Medium Silica Sand with Some Rocks	SP	110-115pcf	28°-30°	12	0.5 k/sf
2	Brown Medium Sand with Limerock	SP	110-115pcf	28°-30°	13	0.5 k/sf
3	Brown Medium Sand with Rock Fragments	SP	110-115pcf	28°-30°	16	0.6 k/sf
4	Tan Medium Silica Sand with Coral Rocks	SP	110-115pcf	28°-30°	16	0.6 k/sf
5	Brown Medium Silica Sand	SP	110-115pcf	28°-30°	16	0.6 k/sf
6	Black Medium Sand	SP	105-110pcf	26°-28°	16	0.5 k/sf
7	White Medium Silica Sand	SP	105-110pcf	26°-28°	17	0.5 k/sf
8	Tan Medium Sand with Coral Rock Fragments	SP	110-115pcf	28°-30°	18	0.7 k/sf
9	Gray Medium Lime Sand, Coral Rocks, and Limestone	SW	110-115pcf	28°-30°	19	0.8 k/sf
10	Tan Medium Lime Sand and Limerock	SW	110-115pcf	28°-30°	19	0.8 k/sf
11	Tan Lime Sand with Rocks	SW	110-115pcf	28°-30°	20	0.8 k/sf
12	Gray Medium Lime Sand with Coral Rocks	SW	115-120pcf	30°-32°	30	1.2 k/sf
13	Tan Lime Sand and Lime Rock	SW	120-125 pcf	32°-34°	89	2.5 k/sf

6.3 Groundwater

The ground water level was encountered at each boring location at the time of drilling. The ground water level was encountered at an average depth of twelve (12) feet and seven (7) inches below the existing surface. Fluctuations in the observed ground water level should be expected due to seasonal climatic changes, rainfall variation, surface water run-off and other specific factors related to the site in question.

7 FOUNDATION RECOMMENDATIONS:

7.1 General foundation notes

Based on the sub-surface conditions encountered, ACES evaluated a number of foundation systems for providing support for the proposed hotel. Special consideration in the analysis was given to the following:

- The presence of relatively loose layers of soil material of varied thickness, which makes the site less appropriate for supporting heavily loaded structural components using regular spread footings and single-column pads at the existing grade without implementing some site preparation and soil improvement techniques;
- The location of the proposed construction and the backfill material used to raise the site to grade;
- Height to width ratio of the proposed structure with special emphasis on overturning moments and lateral support; and
- The close proximity of the proposed development to other nearby developments and major thoroughfares.
- The close proximity of the subject property to the coast.

Given the above, the following site preparation and foundation systems were selected:

7.2 Alternative 1: Shallow Foundation System

7.2.1 Site preparation for shallow foundation system

Our site preparation recommendations are based on information provided from the client as to the type of structures planned as well as on our subsurface investigation performed on the proposed construction area. It is our understanding that the finished floor elevation for the proposed hotel shall be fourteen (14) feet NAVD and that the current elevation of the subject property varies from thirteen (13) to thirteen and one-half (13.5) feet NAVD. Therefore, our site preparation recommendations are as follows:

- Excavate the entire building areas plus 5'-0" outside the perimeter of construction and remove top soil, organic and unsuitable subsurface material to the necessary depth. We anticipate an average excavation depth of approximately one (1) foot below the existing grade.
- Compact the excavated area to a minimum compaction of 98% of the optimum dry density as per AASHTO T-180 (ASTM D-1557). Verify densification procedures by taking an adequate number of field density compaction tests. The excavated area should be inspected prior to the commencement of the backfilling operation to ensure that all the unsuitable material has been removed.
- Backfill the excavated area, plus 5'-0" outside the perimeter of the structure to the desired bottom of the finished floor elevation with a clean mixture of sand and lime rock fill (or approved fill material) in compacted layers not to exceed twelve (12) inches in thickness. Compact each layer to a minimum of 98% of the optimum dry density as per AASHTO T180. Verify densification procedures by taking an adequate number of field density tests, especially by the footing area;
- On completion of the backfilling and compaction operation perform a minimum of two (2) SPT borings to a depth of 30 feet in the center of the prepared building pad in order to verify the effectiveness of the site preparation procedure and the bearing capacity of the underlying soil;
- Excavate footing trenches to the required depth from the ground elevation; and

- Compact the bottom of the footing trench to a minimum compaction of 98% of the optimum dry density as per AASHTO T-180. Verify densification procedures by taking an adequate number of field density compaction tests.

7.2.2 Design recommendation for shallow foundation system

A shallow foundation system such as a spread footing, single column pad or mat foundation is a feasible solution for the proposed hotel. We anticipate that the foundation and footings may be appropriately proportioned for a safe soil bearing capacity not to exceed 4,500 Pounds per Square Foot (PSF). The area of construction plus five (5) feet outside the perimeter of construction should be compacted to achieve a minimum dry density of 98% of the optimum dry density as per AASHTO T-180. Backfill material required to raise the building pad to grade should be performed using a clean mixture of sand, lime sand and lime rock fill in compacted lifts not to exceed 12 inches thickness each lift and compacted to achieve a minimum compaction of 98% of the optimum dry density as per AASHTO T-180.

7.3 Alternative II: Augercast (Pressure Grouted) Piles

Augercast (pressure grouted) piles are a feasible foundation solution for the proposed hotel. The capacity of these piles is essentially developed in tip bearing and side friction. When these piles are installed or socketed into place, they will "lock into" the rock and sand strata thereby providing adequate bearing capacity.

The relationship obtained for this foundation system is as follows:

Size (Dia.)	Below Grade Length (Ft.)	Allowable Lateral Load	Allowable Tensile Capacity	Allowable Compressive Bearing Capacity	Remarks
14"	30	7 kips	25 kips	70 kips	No Pile load Test Required
14"	30	15 kips	50 kips	140 kips	Pile Load Test Required

*** Given the soil conditions encountered, ACES utilized a minimum Factor of Safety of 2.5 when calculating allowable loads that require pile load testing above.**

Large grout volumes, possibly up to twice (or more) of the theoretical pile volume, may be required for proper auger cast pile installation.

The entire pile driving (installation) operation should be monitored and performed in accordance with the relevant local and state requirements. The proposed pile length is calculated based on the existing surface at the time of drilling and the proposed finish floor.

7.4 Recommendations for the paved areas

7.4.1 Preparation for paved areas

- CLEARING AND GRUBBING: All trees, top soil, organic material, bush, stumps, roots, grass, weeds and all other obstructions shall be removed from within the limits of the areas to be paved to the necessary depth. Backfill the cleared/excavated area, plus 5'-0" outside the perimeter of the structure to the desired bottom of the subgrade elevation with a clean mixture of sand and lime rock fill (or approved fill material) in compacted layers not to exceed twelve (12) inches in thickness. Compact each layer to a minimum of 98% of the optimum dry density as per AASHTO T180. Verify densification procedures by taking an adequate number of field density tests.
- SUBGRADE: The soil material in all traffic areas shall consist of 12" compacted thickness of clean mixture of sand, lime sand and lime rock. The material used shall have a lime rock bearing ratio (LBR) greater than or equal to 40. The entire area where rock base is to be constructed shall be thoroughly compacted to a minimum density of 98% of the optimum dry density as per AASHTO T-180 (modified proctor). Typically, the material shall exhibit moisture contents within +/- 2% of the modified proctor optimum moisture contents during the compaction operation.
- PREPARATION OF BASE:

  Material: In normal traffic areas, the base shall consist of six (6) inches of compacted lime rock base course conforming to the following specifications:

The minimum percentage of carbonates shall be 70%. The liquid limit shall not exceed 35 and the material shall be non-plastic. At least 97% (by weight) of the material shall pass a 3¾ inches sieve and the material shall be uniformly graded down to dust. Lime rock material used in construction of lime rock base shall have an average LBR value of not less than 100.

In areas receiving repeated heavy traffic (trucks, etc.) the thickness requirements shall be a minimum of eight (8) inches of compacted lime rock conforming to the foregoing criteria for lime rock base.

Compacting Base: After spreading is completed, the entire surface shall be scarified and shaped so as to produce the exact grade and cross section after compaction. The full depth of base shall be compacted to a minimum density of ninety-eight percent (98%) of the optimum dry density, as determined by AASHTO T-180 (modified proctor). Where the base is constructed in two (2) courses, the bottom course need only be bladed to secure a uniform thickness.

Wearing Course: The wearing course in normal traffic areas shall consist of a one and one-half inch (1.5") layer of asphaltic concrete as specified by the Florida Department of Transportation Standard Specifications, except where a "Job Formula" is required. In heavy traffic areas, the wearing course shall consist of a 2 inch (minimum) layer of asphaltic concrete as specified by the Florida Department of Transportation Standard Specifications.

8 CLOSING REMARKS:

Regardless of the thoroughness of our geotechnical exploration there is always a possibility that the general conditions on the subject property (site) may be different from those at the test locations. Therefore, ACES is not responsible for any sub-soil conditions different from those reported in our boring logs.

This report was prepared exclusively for the use of Pillar Consultants Inc. The conclusions provided by ACES are based solely on the information presented in this report. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

We appreciate the opportunity to have been of service to your company. Please feel free to contact us if there are any questions or comments pertaining to this report.

Respectfully submitted,

Absolute Civil Engineering Solutions, LLC

5/3/16

Charles F. Richter III
Project Manager

WAYNE E. WEBB
LICENSE
No 56701
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

5/3/16

Wayne Webb, P.E.
Project Engineer

Attachment 1.0: Boring Logs

Absolute Civil Engineering Solutions, LLC

ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL

4121 SW 47th Ave, Suite 1319, Davie, FL, 33314 / Phone: 954-349-8797 / Fax: 866-283-9007

SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	1 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-1
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil 0'-2" to 0'-6" Tan Limesand with Rocks		11	10	19
2	0'-6" to 3'-0" Brown Medium Silica Sand	0'-2'	9	8	
3			9	6	13
4	3'-0" to 6'-6" White Medium Silica Sand	2'-4'	7	6	
5			7	8	16
6		4'-6'	8	7	
7			12	13	22
8	6'-6" to 12'-0" Tan Medium Lime Sand and Limerock	6'-8'	9	6	
9			6	7	16
10		8'-10'	9	11	
11			10	9	20
12		10'-12'	11	10	
13	12'-0" to 17'-6" Gray Medium Lime Sand, Coral Rock and Limestone		6	7	14
14		12'-14'	7	8	
15			9	11	21
16		14'-16'	10	11	
17			10	11	22
18		16'-18'	11	10	
19	17'-6" to 50'-0" Tan Lime Sand and Limerock		11	12	31
20		18'-20'	19	20	
21			19	22	43
22		20'-22-	21	23	
23			28	26	48
24		22'-24'	22	29	

WATER TABLE: 12'-6" below surface as of: 4/27/2016

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted:

Wayne Webb, P.E. Lic. #56701
Absolute Civil Engineering Solutions, LLC

4/27/16

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CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-1
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
25	17-6" to 50'-0" (Contd.) Tan Lime Sand and Limerock		22	30	58
26		24'-26'	28	32	
27			39	51	81
28		26'-28'	30	41	
29			38	40	72
30		28'-30'	32	48	
31			28	54	86
32		30'-32'	32	66	
33			31	47	79
34		32'-34'	32	48	
35			38	39	77
36		34'-36'	38	41	
37			43	40	86
38		36'-38'	46	47	
39			53	51	103
40		38'-40'	52	61	
41			66	60	123
42		40'-42'	63	64	
43			68	67	134
44		42'-44'	67	61	
45			61	60	124
46		44'-46'	64	66	
47			70	61	123
48		46'-48'	62	63	
49			71	76	
50		48'-50'	72	72	148

End of Boring @ 50'-0"

WATER TABLE: 12'-6" below surface, as of: 4/27/2016

Respectfully Submitted:

Wayne Webb, P.E. Lic. #56701
Absolute Civil Engineering Solutions, LLC

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SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	1 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-2
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil		6	8	17
2	0'-2" to 3'-0" Black Medium Sand	0'-2'	9	11	
3			10	9	15
4	3'-0" to 7'-8" Tan Medium Silica Sand with Coral Rocks	2'-4'	6	6	
5			6	7	14
6		4'-6'	7	8	
7			9	8	18
8		6'-8'	10	7	
9	7'-8" to 12'-0" Tan Medium Lime Sand and Limerock		9	8	18
10		8'-10'	10	11	
11			12	11	21
12		10'-12'	10	13	
13	12'-0" to 22'-0" Gray Medium Lime Sand with Coral Rocks		12	11	21
14		12'-14'	10	13	
15			12	14	26
16		14'-16'	12	11	
17			10	15	27
18		16'-18'	12	16	
19			12	11	21
20		18'-20'	10	13	
21			12	18	40
22		20'-22-	22	21	
23	22'-0" to 50'-0" Tan Lime Sand and Limerock		25	28	57
24		22'-24'	29	31	

WATER TABLE: 12'-4" below surface as of: 4/27/2016

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4/27/16

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SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	2 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-2
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
25	22'-0" to 50'-0" (Contd.) Tan Lime Sand and Limerock		30	36	74
26		24'-26'	38	39	
27			43	41	81
28		26'-28'	40	43	
29			45	41	83
30		28'-30'	42	48	
31			41	42	85
32		30'-32'	43	46	
33			39	48	99
34		32'-34'	51	53	
35			50	53	105
36		34'-36'	52	51	
37			56	61	127
38		36'-38'	66	62	
39			63	64	129
40		38'-40'	65	63	
41			62	65	127
42		40'-42'	62	70	
43			71	72	150
44		42'-44'	78	73	
45			78	79	158
46		44'-46'	79	100	
47			95	96	184
48		46'-48'	88	83	
49			86	86	169
50		48'-50'	83	91	

End of Boring @ 50'-0"

WATER TABLE: 12'-4" below surface, as of: 4/27/2016

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Respectfully Submitted:

Wayne Webb, P.E. Lic. #56701 4/27/16

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SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	1 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-3
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil		6	7	14
2	0'-2" to 3'-0" Brown Medium Sand with Limerock	0'-2'	7	8	
3			6	5	11
4	3'-0" to 3'-0" Tan Medium Silica Sand with some Rocks	2'-4'	6	5	
5			6	7	14
6		4'-6'	7	8	
7			6	5	11
8		6'-8'	6	6	
9	8'-0" to 12'-0" Tan Lime Sand with Rocks		8	11	21
10		8'-10'	10	11	
11			12	11	21
12		10'-12'	10	12	
13	12'-0" to 22'-0" Gray Medium Lime Sand with Coral Rocks		13	11	21
14		12'-14'	10	13	
15			15	12	24
16		14'-16'	12	12	
17			11	13	27
18		16'-18'	14	16	
19			12	15	32
20		18'-20'	17	16	
21			18	17	36
22		20'-22'	19	22	
23	22'-0" to 50'-0" Tan Lime Sand and Limrock		21	23	45
24		22'-24'	22	25	

WATER TABLE: 12'-8" below surface as of: 4/27/2016

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5/2/16

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SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	2 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-3
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
25	22'-0" to 50'-0" (Contd.) Tan Lime Sand and Limerock		21	20	46
26		24'-26'	26	23	
27			28	29	58
28		26'-28'	29	31	
29			32	33	65
30		28'-30'	32	34	
31			40	45	88
32		30'-32'	43	41	
33			46	43	84
34		32'-34'	41	40	
35			42	47	100
36		34'-36'	53	51	
37			51	8	65
38		36'-38'	57	60	
39			63	61	123
40		38'-40'	62	67	
41			68	61	124
42		40'-42'	63	64	
43			67	66	134
44		42'-44'	68	61	
45			71	73	145
46		44'-46'	72	77	
47			78	79	162
48		46'-48'	83	81	
49			92	91	186
50		48'-50'	95	96	

End of Boring @ 50'-0"

WATER TABLE: 12'-8" below surface, as of: 4/27/2016

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted:

5/2/16

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SPT SOIL BORING REPORT

CLIENT:	Pillar Consultants, Inc.	Page:	1 of 2
CLIENT ADDRESS:	5230 South University Drive, Davie, FL 33328	Report #:	1
PROJECT:	Wingate Hotel	Boring #:	B-4
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
1	0'-0" to 0'-2" Topsoil	0'-2'	8	7	16
2	0'-2" to 3'-4" Brown Medium Sand with Rock Fragments		9	11	
3		2'-4'	10	9	15
4			6	8	
5	3'-4" to 8'-0" Tan Medium Sand with Coral Rock Fragments	4'-6'	7	8	16
6			8	9	
7		6'-8'	9	10	19
8			9	11	
9	8'-0" to 12'-0" Tan Medium Lime Sand and Limerock	8'-10'	10	9	21
10			12	11	
11		10'-12'	10	13	25
12			12	11	
13	12'-0" to 23'-0" Gray Medium Lime Sand with Coral Rocks	12'-14'	10	12	24
14			12	14	
15		14'-16'	13	11	21
16			10	10	
17		16'-18'	17	16	31
18			15	16	
19		18'-20'	13	18	35
20			17	16	
21		20'-22'	20	21	43
22			22	23	
23		22'-24'	21	25	47
24	23'-0" to 50'-0" Tan Lime Sand and Limerock		22	21	

WATER TABLE: 12'-8" below surface as of: 4/27/2016

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted:

5/2/16

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SPT SOIL BORING REPORT

CLIENT:	Pilar Consultants Inc.	Page:	2 of 2
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PROJECT:	Wingate Hotel	Boring #:	B-4
PROJECT ADDRESS:	321 N. Federal Highway, Dania Beach, FL	Date:	4/27/16
BORING LOCATION:	As Shown On Site Boring Location Map	Driller:	AG

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Hammer blows on sampler		"N" Value
25	23'-0" to 50'-0" (Contd.) Tan Lime Sand and Limerock		28	26	55
26		24'-26'	29	31	
27			32	36	74
28		26'-28'	38	37	
29			39	41	84
30		28'-30'	43	46	
31			48	47	93
32		30'-32'	46	51	
33			50	53	104
34		32'-34'	51	52	
35			56	56	107
36		34'-36'	51	57	
37			61	66	128
38		36'-38'	62	60	
39			62	61	124
40		38'-40'	63	62	
41			62	67	128
42		40'-42'	61	70	
43			77	71	154
44		42'-44'	83	81	
45			71	79	152
46		44'-46'	73	76	
47			83	81	163
48		46'-48'	82	83	
49			85	88	188
50		48'-50'	100	93	

End of Boring @ 50'-0"

WATER TABLE: 12'-8" below surface, as of: 4/27/2016

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted:

5/2/16

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Attachment 2.0: Percolation Test Results

Absolute Civil Engineering Solutions, LLC

ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL SERVICES

USUAL OPEN HOLE CONSTANT HEAD PERCOLATION TEST

DATE:	4/27/2016		
CLIENT:	Pillar Consultants, Inc.		
PROJECT:	Wingate Hotel		
PROJECT LOCATION:	321 N. Federal Highway, Dania Beach, FL		
TEST #	P-1		
LOCATION OF TEST:	As Shown On Site Location Map		
DIA. OF AUGER:	8 INCHES	DIA. OF PERFORATED CASING:	6 INCHES

TOTAL TIME (minutes)	ELASPED TIME (minutes)	GALLONS PER MINUTE (GPM)
1	1	9.00
2	1	9.00
3	1	9.00
4	1	8.00
5	1	8.00
6	1	8.00
7	1	8.00
8	1	8.00
9	1	8.00
10	1	8.00

DEPTH OF HOLE: 15 FT **PERCOLATION RATE:** 8.00 G.P.M.

WATER TABLE BELOW GROUND SURFACE: 12.50 FT

K-VALUE: 1.02E-04 cfs/ft^2 per ft of head

Remark: Stabilized Percolation Rate was maintained for more than 10 minutes.

SUBSURFACE INVESTIGATION

From 0'-0" to 2'-0"	Topsoil
From 2'-0" to 3'-0"	Brown Medium Silica Sand with Rock Fragments
From 3'-0" to 8'-6"	Tan Medium Lime Sand with Coral Rocks
From 8'-6" to 15'-0"	Gray Medium Limesand with Coral Rocks

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted,

Wayne Webb, P.E. 5/2/16
State of Florida
Registered Professional Engineer: 5670

Absolute Civil Engineering Solutions, LLC

ENGINEERING TESTING-ENGINEERING INSPECTION SERVICES-GEOTECHNICAL-ENVIRONMENTAL SERVICES

USUAL OPEN HOLE CONSTANT HEAD PERCOLATION TEST

DATE:	4/27/2016		
CLIENT:	Pillar Consultants, Inc.		
PROJECT:	Wingate Hotel		
PROJECT LOCATION:	321 N. Federal Highway, Dania Beach, FL		
TEST #	P-2		
LOCATION OF TEST:	As Shown On Site Location Map		
DIA. OF AUGER:	8 INCHES	DIA. OF PERFORATED CASING:	6 INCHES

TOTAL TIME (minutes)	ELASPED TIME (minutes)	GALLONS PER MINUTE (GPM)
1	1	11.00
2	1	11.00
3	1	11.00
4	1	10.00
5	1	10.00
6	1	9.00
7	1	9.00
8	1	9.00
9	1	9.00
10	1	9.00

DEPTH OF HOLE: 15 FT **PERCOLATION RATE:** 9.00 G.P.M.

WATER TABLE BELOW GROUND SURFACE: 12.50 FT

K-VALUE: 1.15E-04 cfs/ft^2 per ft of head

Remark: Stabilized Percolation Rate was maintained for more than 10 minutes.

SUBSURFACE INVESTIGATION

From 0'-0" to 2'-0"	Topsoil
From 2'-0" to 3'-0"	Brown Medium Sand with Some Rocks
From 3'-0" to 8'-0"	Tan Medium Sand with Some Rocks
From 8'-0" to 15'-0"	Gray Medium Limesand with Coral Rocks

WAYNE E. WEBB LICENSE No 56701 STATE OF FLORIDA PROFESSIONAL ENGINEER

Respectfully Submitted,

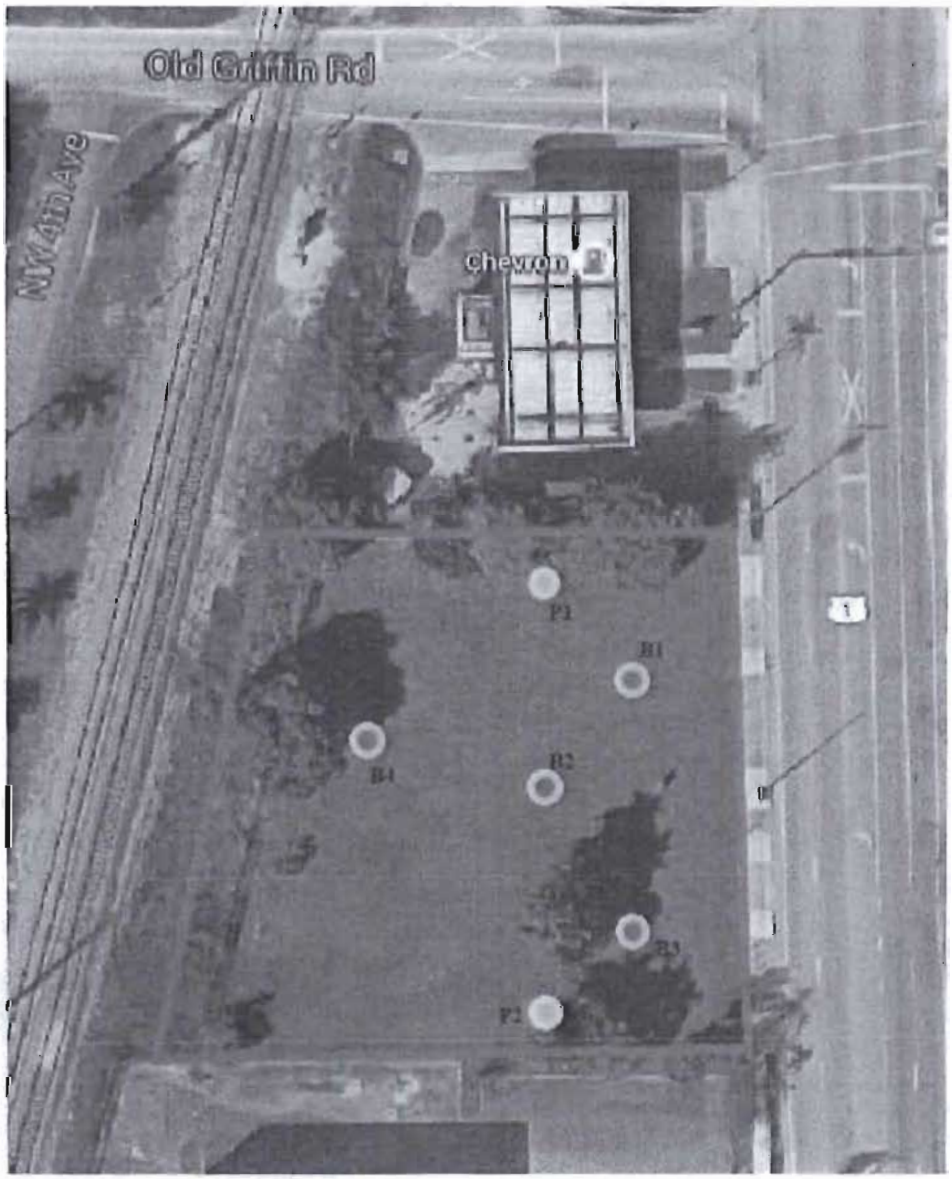
Wayne Webb, P.E.
State of Florida
Registered Professional Engineer: 567(

5/2/16

Attachment 3.0: Site and Test location Sketches

321 North Federal Highway
Dania Beach, Florida

Site Map Location



Site Boundary

Boring Locations

Percolation Locations

AVIATION DEPARTMENT - Fort Lauderdale-Hollywood International Airport
2200 SW 45th Street, Suite 101 • Dania Beach, Florida 33312 • 954-359-6100

December 13, 2019

Marc LaFerrier, AICP
Planning Director
City of Dania Beach
100 West Dania Beach Blvd
Dania Beach, FL 33004

RE: Avid Hotel
321 North Federal Highway, Dania Beach, FL
Broward County Aviation Department (BCAD) Conditional Approval Letter

Dear Mr. LaFerrier:

The Broward County Aviation Department (BCAD) has reviewed the proposed Avid Hotel development located south of Fort Lauderdale-Hollywood International Airport (FLL) at 321 North Federal Highway. Since the proposed project is within 20,000 feet of FLL, its development and operation is subject to Federal Aviation Regulation (FAR) Part 77, Florida Statutes Chapter 333 and/or the Broward County Airport Zoning Ordinance. These standards seek to ensure that any proposed construction, use of high lift equipment, such as cranes, or other potential hazards will not negatively impact the safe and efficient use of the airport and surrounding airspace. Taking into consideration the proximity of this project to FLL, BCAD is providing the following comments regarding the proposed development:

- Based on the location of the proposed project, FAR Part 77- Subpart B and Section 5-182(n)(2) of the Broward County Land Development Code, require the applicant to obtain a "Determination of No Hazard to Air Navigation" from the Federal Aviation Administration (FAA). ***The receipt of a favorable determination from the FAA is required for all critical building points and temporary construction cranes and must be received prior to any construction activity.*** The Federal Review (FAA 7460-1) process can be initiated at the following web address: https://oeaaa.faa.gov/oeaaa/external/portal.jsp

- No building, structure or vegetation on the site may exceed the ***maximum height of 91 feet (AMSL)*** as noted in the FAA Determination of No Hazard to Air Navigation (dated November 27, 2019) and consistent with the heights demonstrated in Elevation Sheets A-2.1 and A-2.2 prepared by Adache Group Architects (dated 11/08/2019) unless submitted to BCAD for additional review.

- The proposed development must not generate light, glare, smoke or other emissions that could be disorienting to pilots operating in the vicinity of the airfield.

Adherence to these conditions is required for BCAD approval of the Avid Hotel site plan located at 321 North Federal Highway and it is based on the following documents submitted by the applicant:

- FAA Determination of No Hazard to Air Navigation (dated November 27, 2019)
- Elevation Sheets A-2.1 and A-2.2 prepared by Adache Group Architects (dated 11/08/2019)
- Site Plan and Site Location Plan sheets A-1.0 and A-0.5 set prepared by Adache Group Architects (dated 11/08/2019)

If the proposed plans are revised substantially from those submitted for this review, BCAD requests that the revised development plans be submitted for an additional review.

This letter serves as notice of potential aircraft overflight and noise impacts on this property due to its proximity to the Fort Lauderdale/Hollywood International Airport. This property is subject to the overflight and associated noise of arriving and departing aircraft during the course of normal airport operations. Individuals sensitive to such events should satisfy themselves before purchasing this property that such exposure to aircraft overflights and the noise associated therewith will not adversely affect their enjoyment of the property.

This letter serves as notice to prospective purchasers of parcels within the property that, pursuant to Broward County Ordinance 2006-37 and consistent with the Federal Aviation Administration's "Change in FAA's Noise Mitigation Policy," effective October 1, 1998, the County will only provide noise mitigation for existing "incompatible development" and not for new incompatible development. The determination of "compatible" and "incompatible development" will be based on the County's most current Federal Aviation Administration ("FAA") approved Noise Exposure Map and the Airport's most current noise compatibility program which has been reviewed and approved by the FAA for the Airport. The applicant should note that the project is not eligible for federal funding to mitigate aircraft noise.

Please do not hesitate to contact me if you have questions or require additional information at 954.359.6258

Sincerely,

Karen Friedman
BCAD Aviation Senior Planner

cc: Edward Khoury ekhoury@adache.com
Sean Walsh swalsh@adache.com
Jason Wilson jason@pillarconsultants.com
Diego Ferraez dferraez@comerlat.com.mx
Diego Ferraez <dferraez@comerlat.com.mx>
Michael P. Pacitto, P.G., Director Planning and Environmental
William Castillo, BCAD Aviation Planning Manager

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2019-ASO-31952-OE

Issued Date: 11/27/2019

Sean Walsh
Adache group architects
550 S Federal Highway
Ft. Lauderdale, FL 33301

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Building Avid Hotel
Location:	Dania Beach, FL
Latitude:	26-03-31.58N NAD 83
Longitude:	80-08-38.40W
Heights:	13 feet site elevation (SE)
	78 feet above ground level (AGL)
	91 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

Based on this evaluation, marking and lighting are not necessary for aviation safety. However, if marking/ lighting are accomplished on a voluntary basis, we recommend it be installed in accordance with FAA Advisory circular 70/7460-1 L Change 2.

The structure considered under this study lies in proximity to an airport and occupants may be subjected to noise from aircraft operating to and from the airport.

This determination expires on 05/27/2021 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.
(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within

6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

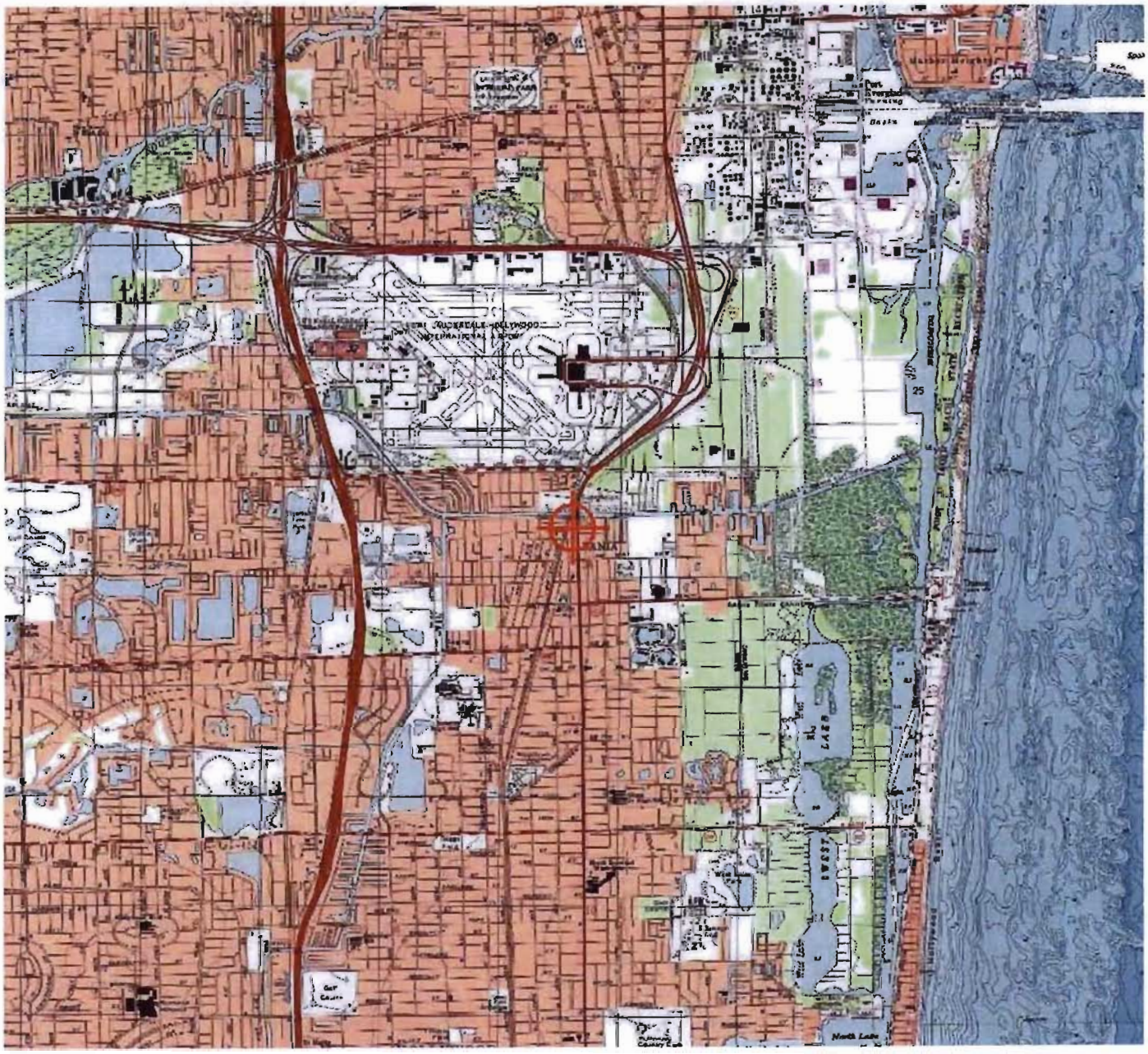
This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

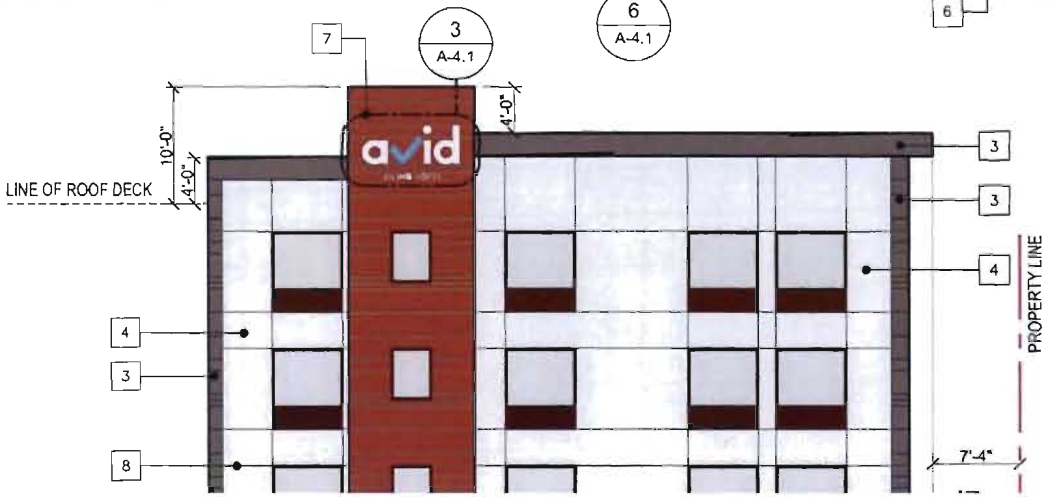
If we can be of further assistance, please contact our office at (404) 305-6462, or mike.blaich@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-ASO-31952-OE.

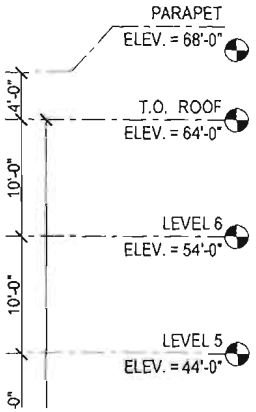
Signature Control No: 421013126-423915385 (DNE)
Michael Blaich
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2019-ASO-31952-OE

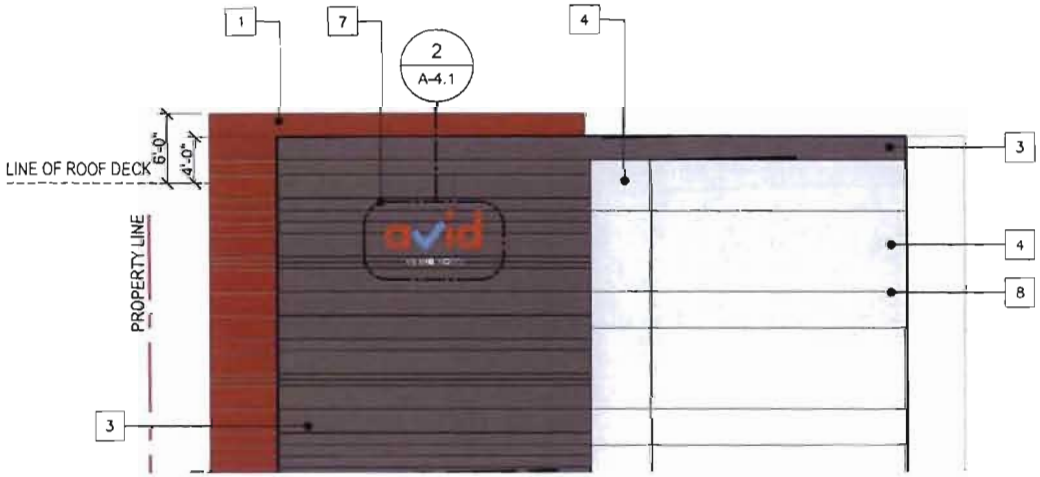


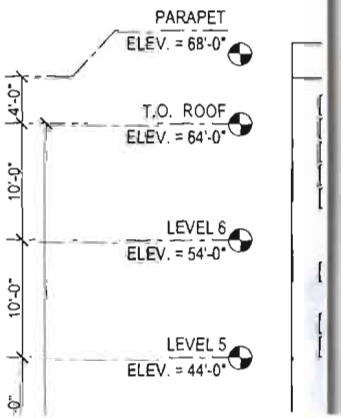




1 RED
2 AQUA
3 DARK
4 LIGH
5 GUES WITH DARK BRON
6 EXTE CLEA FRAM
7 BUILD
8 3/4 RI

PARAPET
ELEV. = 68'-0"
T.O. ROOF
ELEV. = 64'-0"
LEVEL 6
ELEV. = 54'-0"
LEVEL 5
ELEV. = 44'-0"
LEVEL 4
ELEV. = 34'-0"
LEVEL 3
ELEV. = 24'-0"
LEVEL 2
ELEV. = 14'-0"
GROUND FLOOR
ELEV. = 0'-0"
4'-0"
10'-0"
10'-0"
10'-0"
10'-0"
10'-0"
14'-0"
64'-0"
LINE OF ROOF DECK
PROPERTY LINE
7"
151'-4" (75% Build-to-line)
4
A-4.1


2
A-4.1
LINE OF ROOF DECK
6'-0"
4'-0"
PROPERTY LINE
avid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ELEV. = 64'-0"
LEVEL 6
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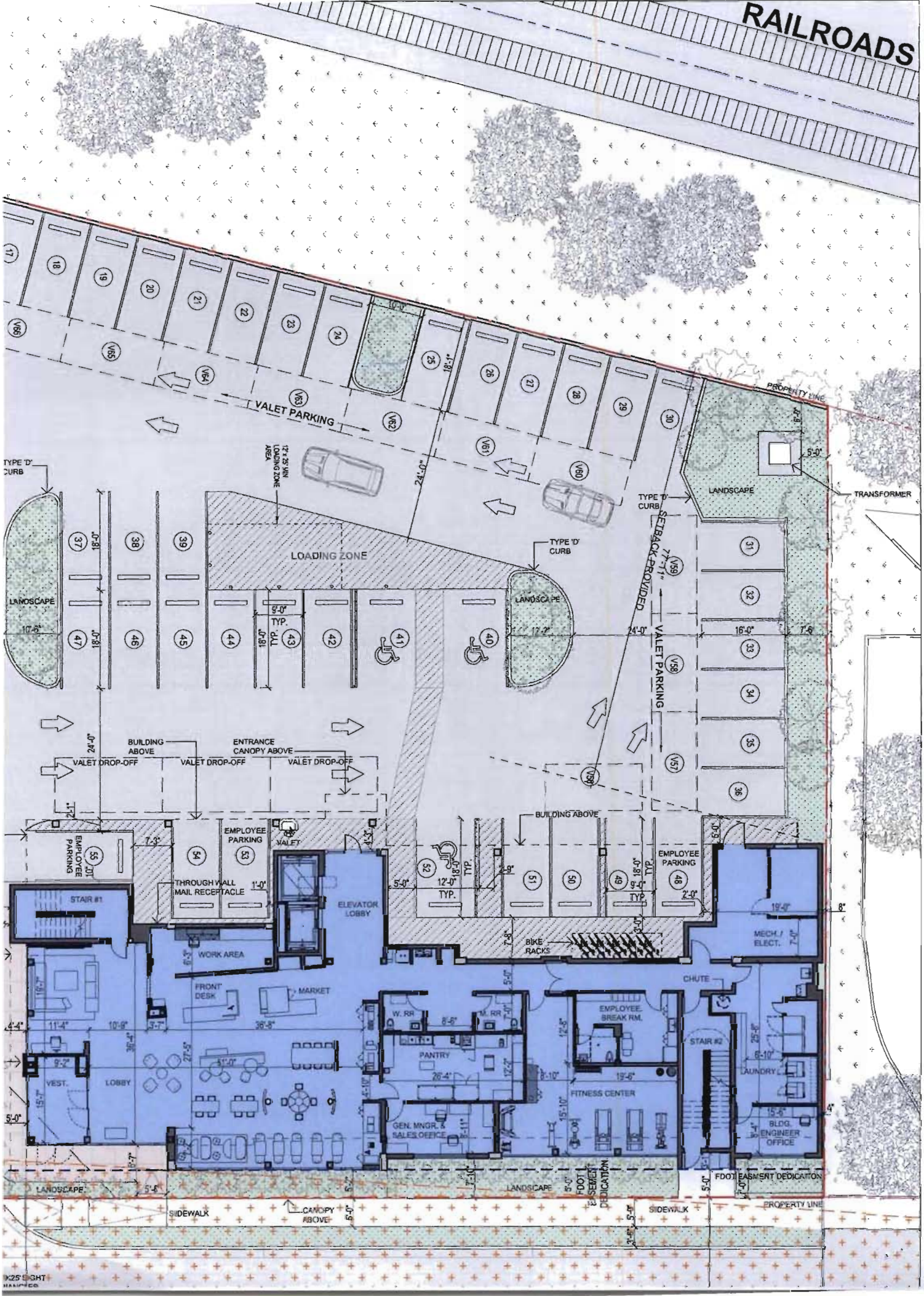
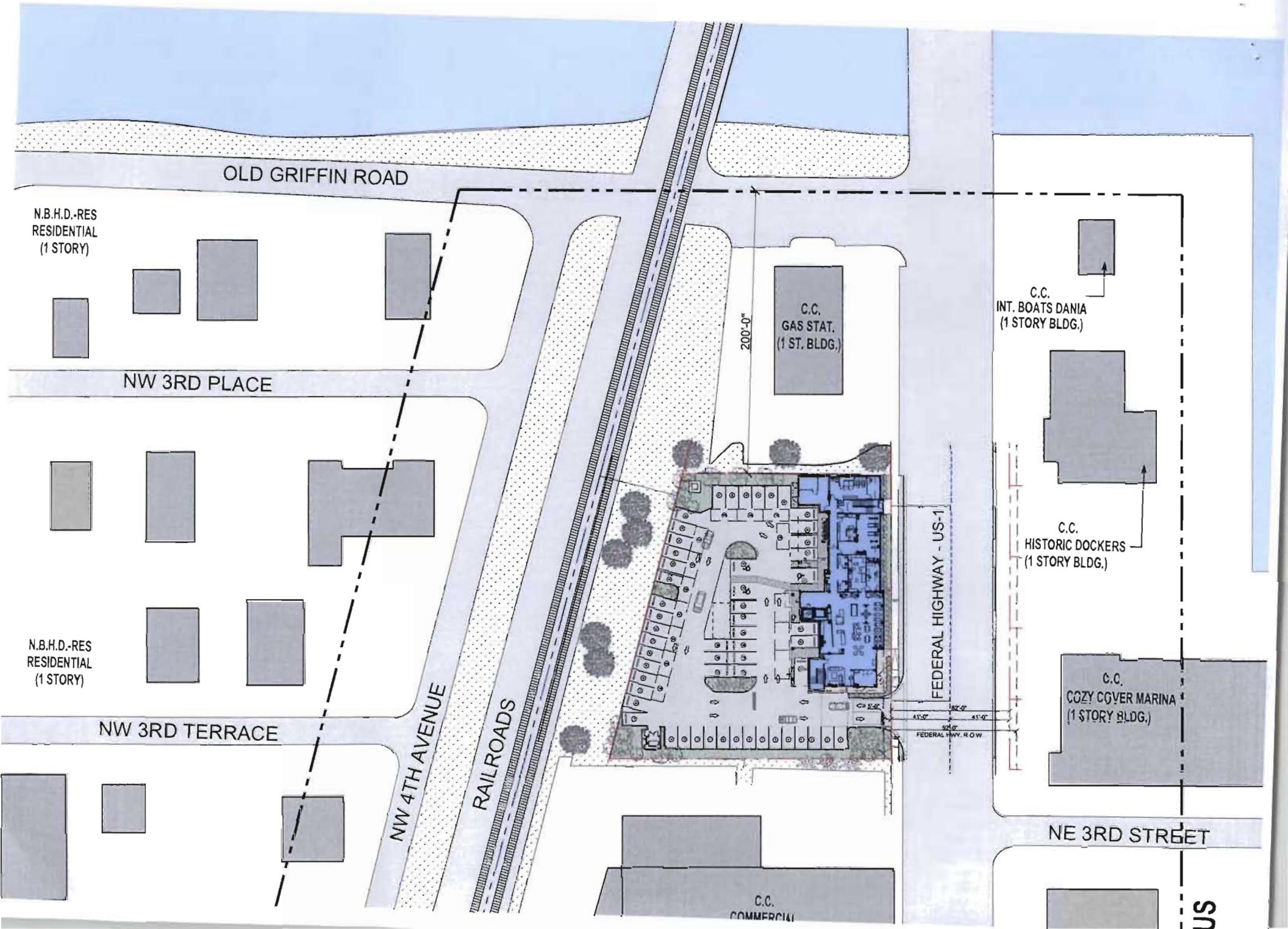
LEVEL 5
ELEV. = 44'-0"
4'-0"
10'-0"
10'-0"


RAILROADS
VALET PARKING
TYPE 'D' CURB
12'x 25' VAN LOADING ZONE AREA
LOADING ZONE
LANDSCAPE
PROPERTY LINE
TRANSFORMER
SETBACK PROVIDED
BUILDING ABOVE
ENTRANCE CANOPY ABOVE
VALET DROP-OFF
EMPLOYEE PARKING
VALET
THROUGH WALL MAIL RECEPTACLE
STAIR #1
ELEVATOR LOBBY
WORK AREA
FRONT DESK
MARKET
VEST.
LOBBY
W. RR
M. RR
PANTRY
GEN. MNGR. & SALES OFFICE
BIKE RACKS
EMPLOYEE BREAK RM.
FITNESS CENTER
CHUTE
STAIR #2
LAUNDRY
MECH. / ELECT.
BLDG. ENGINEER OFFICE
FDOT EASEMENT DEDICATION
SIDEWALK
CANOPY ABOVE


OLD GRIFFIN ROAD
N.B.H.D.-RES
RESIDENTIAL
(1 STORY)
NW 3RD PLACE
N.B.H.D.-RES
RESIDENTIAL
(1 STORY)
NW 3RD TERRACE
NW 4TH AVENUE
RAILROADS
200'-0"
C.C.
GAS STAT.
(1 ST. BLDG.)
C.C.
INT. BOATS DANIA
(1 STORY BLDG.)
C.C.
HISTORIC DOCKERS
(1 STORY BLDG.)
FEDERAL HIGHWAY - US-1
C.C.
COZY COVER MARINA
(1 STORY BLDG.)
NE 3RD STREET
C.C.
COMMERCIAL

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2019-ASO-28788-OE

Issued Date: 11/27/2019

Sean Walsh
Adache group architects
550 S Federal Highway
Ft. Lauderdale, FL 33301

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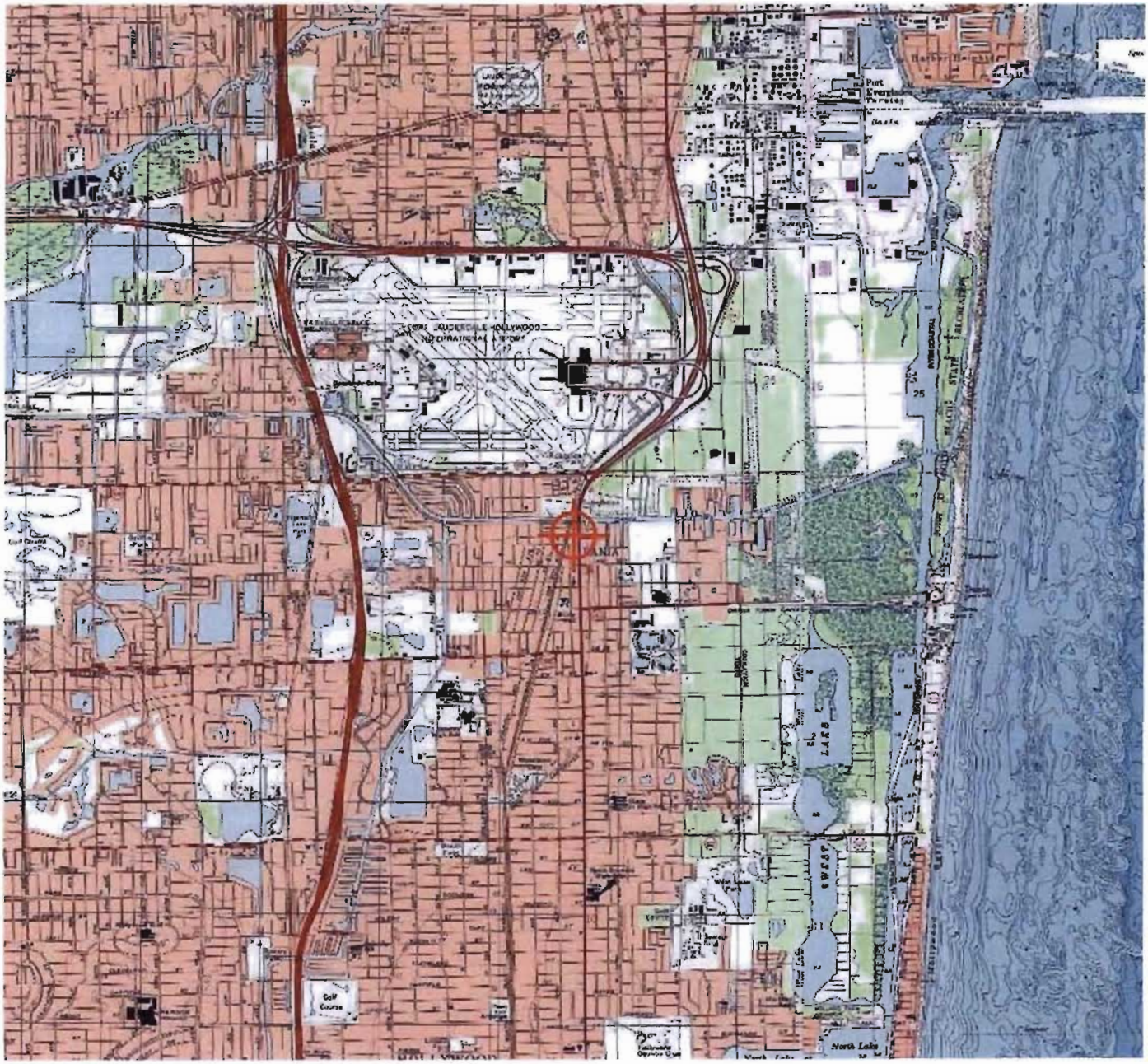
Signature Control No: 418169723-423915384 (DNE)
Michael Blaich
Specialist

Attachment(s)
Map(s)

TOPO Map for ASN 2019-ASO-28788-OE



DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

AFFIDAVIT

CITY OF DANIA BEACH, FLORIDA

COMMUNITY DEVELOPMENT DEPARTMENT

MAILING LIST AND LABELS

RECEIVED
DEC 19 2019
Planning Department

STATE OF FLORIDA
COUNTY OF Broward

BEFORE ME, the undersigned authority, personally appeared Christina Mathews,
(Print Name)
who, after being duly sworn, deposes and says:

1. I am an individual over the age of 18 years old and

   (CHECK APPLICABLE SPACE)
   ___ I am the property Owner of the property identified below,

   OR
   X I represent to the City of Dania Beach, Florida that I am an authorized agent and representative of the property owner(s), Comerlat Hospitality 1, LLC,
   (Print Name of Property Owner)
   for the property located at 321 N. Federal Highway (the "Property"), and this
   (Address)
   sworn statement pertains to the application for Design Variations and Variance

   _____
   (Briefly describe application, such as "site plan approval" or a "variance" or a "special exemption")
   relating to Petition number(s)OT-172-19, OT-173-19, OT-174-19, VA-175-19.

2. Pursuant to **Sec. 610-20(D)** of the Land Development Code ("LDC") of the Code of Ordinances of the City of Dania Beach, Florida, I understand that there is a mailing date deadline for notices and that as the applicant for the petition, I must provide the City with:

   - One (1) set of Mailing Labels, and
   - One (1) copy of the mailing list for all property owners who or which own property located within 450 feet of the subject property.

3. I understand that I am legally responsible for timely providing the City with the mailing labels and mailing list a minimum of twenty-five (25) days prior to the mailing date (for projects which may have more than 200 mailings, I understand that City staff may request labels even earlier). The mailing date is _____, 20____. I am also aware that pursuant to **LDC Sec. 610-30(D)(3),** "[T]he mail notice shall contain substantially the same information as provided in the newspaper advertisement for the same application, and shall also contain the legal description of the subject property, the approximate relation to the nearest cross street(s) and a map or demarcated aerial photograph showing its approximate size, location and relationship to adjacent properties."

4. If I do not timely provide the mailing labels and mailing list, the City will need to delay the processing of the application.

OWNER OR REPRESENTATIVE:

_____
Signature

_____
PRINT Name

_____
Title

JOINT OWNER (IF APPLICABLE)

_____
Signature

_____
PRINT Name

_____
Title

IF CORPORATION, LIMITED LIABILITY COMPANY, LIMITED PARTNERSHIP OR OTHER ENTITY:

Cutro and Associates
(Full Legal Name of ~~Corporation or~~ Entity)

_____
Signature

Christina Mathews
PRINT Name

_____
Title

On December 16, 2019, personally appeared Christine Mathews, and (if applicable, if there is a co-owner) _____, as the Owner(s) of the property described above. Such person(s) is/are personally known to me or produced _____ his/her/their identification.

_____
NOTARY PUBLIC
State of Florida

My Commission Expires: 1-24-21

NATALIE BEDELL
Notary Public – State of Florida
Commission # GG 065714
My Comm. Expires Jan 24, 2021
Bonded through National Notary Assn.

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

AFFIDAVIT
CITY OF DANIA BEACH, FLORIDA
COMMUNITY DEVELOPMENT DEPARTMENT
MAILING LIST AND LABELS

STATE OF FLORIDA
COUNTY OF _Broward_

BEFORE ME, the undersigned authority, personally appeared Christina Mathews,
(Print Name)
who, after being duly sworn, deposes and says:

1. I am an individual over the age of 18 years old and

   (CHECK APPLICABLE SPACE)
   ___ I am the property Owner of the property identified below,

   OR
   X I represent to the City of Dania Beach, Florida that I am an authorized agent and representative of the property owner(s), Comerlat Hospitality 1 LLC,
   (Print Name of Property Owner)
   for the property located at _321 N. Federal Highway (the "Property"), and this
   (Address)
   sworn statement pertains to the application for Site Plan, Variances, Design Variation
   _____
   (Briefly describe application, such as "site plan approval" or a "variance" or a "special exemption")
   relating to Petition number(s)**SP-145-19, V-157, 158, 159, 160, 161- 19**.

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OWNER OR REPRESENTATIVE:

_____
Signature

_____
PRINT Name

_____
Title

JOINT OWNER (IF APPLICABLE)

_____
Signature

_____
PRINT Name

_____
Title

IF CORPORATION, LIMITED LIABILITY COMPANY, LIMITED PARTNERSHIP OR OTHER ENTITY:

Cutro & Associates
(Full Legal Name of Corporation or Entity)

_____
Signature

Christina Mathews
PRINT Name

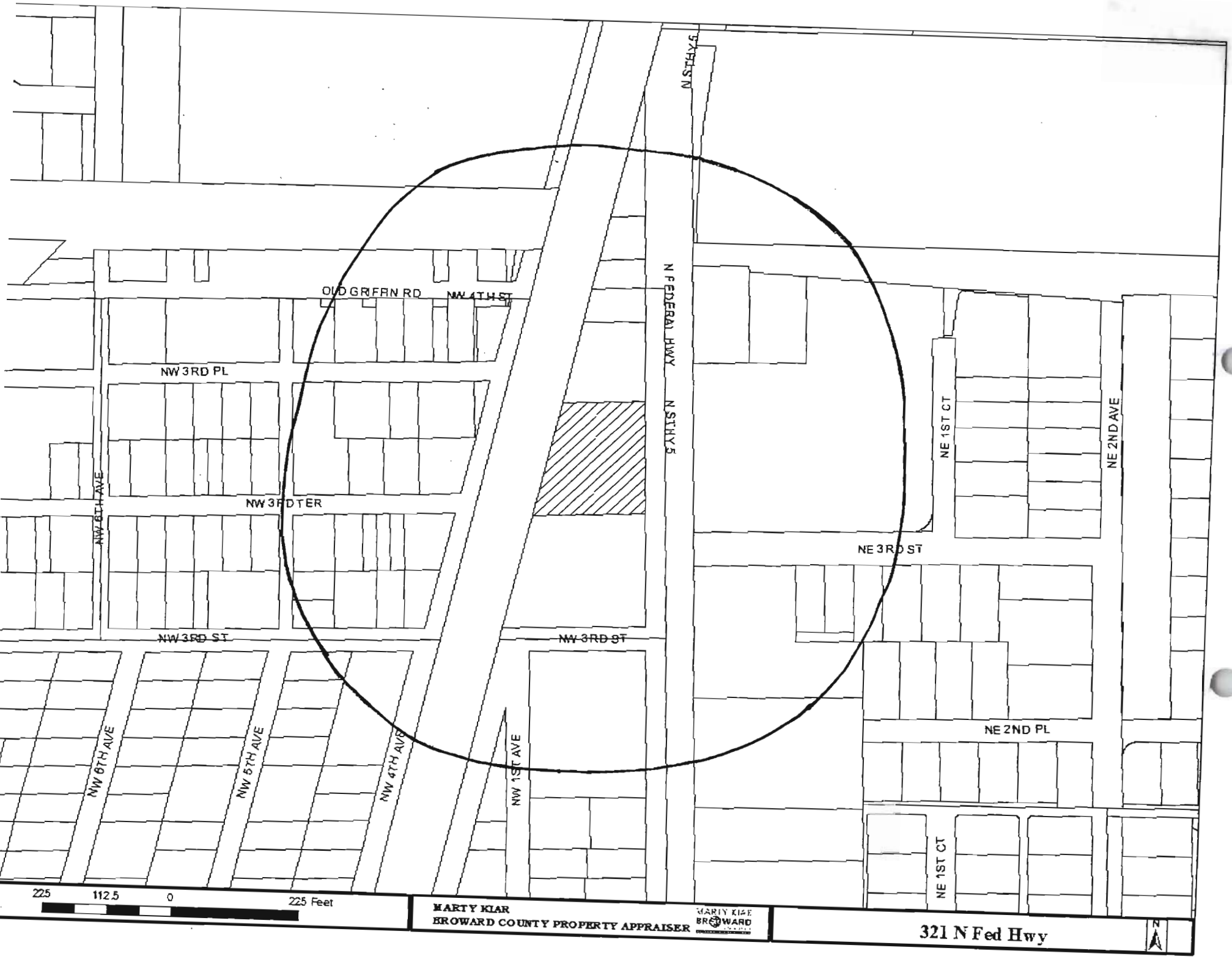
Manager
Title

On December 11, 2019, personally appeared Christina Mathews, and (if applicable, if there is a co-owner) _____, as the Owner(s) of the property described above. Such person(s) is/are personally known to me or produced _____ his/her/their identification.

_____
NOTARY PUBLIC
State of Florida

My Commission Expires: 1-24-21

NATALIE BEDELL
Notary Public – State of Florida
Commission # GG 065714
My Comm. Expires Jan 24, 2021
Bonded through National Notary Assn.


N STH 5
N FEDERAL HWY
N STH 5
OLD GRIFFIN RD
NW 4TH ST
NW 3RD PL
NW 3RD TER
NW 8TH AVE
NE 1ST CT
NE 2ND AVE
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NW 3RD ST
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NE 2ND PL
NW 8TH AVE
NW 5TH AVE
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NW 1ST AVE
NE 1ST CT
225
112.5
0
225 Feet
MARTY KIAR
BROWARD COUNTY PROPERTY APPRAISER
MARTY KIAR
BROWARD
321 N Fed Hwy
N

FOL.L NUMB	NAME	ADDRESS_LI	CITY	STATE	ZIP	ZIP4	LEGAL
504234000060	FLORIDA POWER & LIGHT COATTN PROPERTY TAX - PSX/JB	700 UNIVERSE BLVD	JUNO BEACH	FL	33408		34-50-42S 6 CHS OF NW1/4 OF NE1/4 LESSST RD & LESS CANAL R/W & LESSCOMM NW COR OF NE1/4 OF SEC 34,SLY 1310.63,ELY 49 TO ELY R/W/LOF US 1 & POB,NLY 305.87 TO BEGOF A CURVE,NELY ALG SAID CURVE& R/W/L 49.18,ELY 33.37,SWLY355.79,WLY 6.25 TO POB
504234000180	FLORIDA DEPT OF TRANSPORTATIONOFFICE OF RIGHT OF WAY	3400 W COMMERCIAL BLVD	FORT LAUDERDALE	FL	33309	3421	34-50-42SE1/4 OF NE1/4 OF NW1/4 LYINGE OF FEC R/W LESS CANAL R/WTOG WITH COMM NW COR OF NE1/4 OFSEC 34,S 1310.63,E 49 TO POB, N305.87, NELY 49.18,E 33.37, SWLY355.79,W 6.25 TO POBAKA: PARCEL 100
504234000600	FLORIDA EAST COAST RAILWAY LLC	7150 PHILIPS HWY	JACKSONVILLE	FL	32256		34-50-42FEC RAILROAD R/W 100 FT WIDE INPORTIONS OF NE1/4,NW1/4,ANDSW1/4 OF SEC 34-50-42 LYING WESTOF FEDERAL HWY WITHIN CITY OFDANIA BEACH
[illegible]34000650	SOUTH FLORIDA WATER MANAGEMENTDISTRICT	PO BOX 24680	WEST PALM BEACH	FL	33416	4680	34-50-42 & 35-50-42PORTION DANIA CUT OFF (C-11)CANAL LYING WITH SEC 34 AND W1/4OF SEC 35
504234010010	B & JCM DANIA BEACH LLC	3805 NW 107 AVE STE 123	DORAL	FL	33173		TOWN OF MODELO (DANIA) B-49 DLOT 1,4,5,8 & 9,LESS E 8 FT OFEACH OF SAID LOTS,N 8 FT OF LOT12,LESS E 8 FT OF LOT 12,LOTS 2,3,6,7 & 10, & N 8 FT OF LOT 11,ALL IN BLK 1
504234010110	JONES,PATRICIA	PO BOX 590082	FORT LAUDERDALE	FL	33359	0082	TOWN OF MODELO (DANIA) B-49 DLOT 1 BLK 2
504234010160	JONES,M L JR & BARBARA H	PO BOX 357	DANIA BEACH	FL	33004	0357	TOWN OF MODELO (DANIA) B-49 DLOT 1,4,5,8 BLK 3
504234010170	ST JOSEPH WESLEYANMETHODIST CHURCH	244 NW 5 AVE	DANIA BEACH	FL	33004		TOWN OF MODELO (DANIA) B-49 DLOT 2 BLK 3
504234010180	MORALES,PETER &MCKENNA,SUSAN L	3261 FRONTIER AVE	LAKE WORTH	FL	33467	1047	TOWN OF MODELO (DANIA) B-49 DLOT 3 BLK 3
504234020010	IELC LAND TRMEDINA,ARAEL & MEDINA,CONNIE TRS	236 N FEDERAL HWY	DANIA BEACH	FL	33004	2870	COCOANUT HILL B-115 DLOTS 1 THRU 4, LESS W 24 THEREOFFOR RD R/W
504234060080	RODRIGUEZ,ARBEY	5300 NW 85 AVE #303	DORAL	FL	33166		HANSEN & NELSON SUB 3-76 DLOTS 14 S1/2,15 S1/2,& 16 S1/2BLK A
504234060090	RODRIGUEZ,ARBEY	5300 NW 85 AVE #303	DORAL	FL	33166		HANSEN & NELSON SUB 3-76 DLOTS 14 N1/2,15 N1/2,& 16 N1/2BLK A
504234060100	BOHADANAH,ELIYAHU	3950 SW 6 ST	FORT LAUDERDALE	FL	33312	2632	HANSEN & NELSON SUB 3-76 DLOT 17,18,19 BLK A
504234060120	ROBERTSON,RAYGINIA	404 NW 3 ST	DANIA BEACH	FL	33004	2702	HANSEN & NELSON SUB 3-76 DLOT 20,21 BLK A
504234060130	COSAC HOMELESS ASSISTANCECENTER INC	2101 SW 136 AVENUE	DAVIE	FL	33325		HANSEN & NELSON SUB 3-76 DLOT 22,23 BLK A
504234060140	ITZKOWITZ,FRANCINE	8351 NW 74 ST	TAMARAC	FL	33321		HANSEN & NELSON SUB 3-76 DLOT 24,25,26 BLK A
[illegible]234060150	JACK BESNER TRBESNER,HILDA	4240 GALT OCEAN DR #603	FORT LAUDERDALE	FL	33308		HANSEN & NELSON SUB 3-76 DLOT 27 BLK A
504234060151	JACK BESNER IRREVOC TRBESNER,HILDA TRSTEE	4240 GALT OCEAN DR #603	FORT LAUDERDALE	FL	33308		HAUSEN & NELSON SUB 3-76 DLOT 28 BLK A
504234060160	JACK BESNER IRREVOC TRBESNER,HILDA TRSTEE	4240 GALT OCEAN DR #603	FORT LAUDERDALE	FL	33308		HANSEN & NELSON SUB 3-76 DLOT 29 BLK A
504234060170	TORRES FONTANEZ,ARTURO	413 NW 3 TER	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 30,31 BLK A
504234060190	FLORIDA EASTERN ECCLESIASTICALJURISDICTION	PO BOX 101358	FORT LAUDERDALE	FL	33311		HANSEN & NELSON SUB 3-76 DLOTS 32-34 BLK A TOG WITH LOTS14-17&36-38 BLK B,LESS ST
504234060210	FL RENTAL LLC	2200 SE 9TH ST	POMPANO BEACH	FL	33062	6703	HANSEN & NELSON SUB 3-76 DLOT 36 LESS ST,37 BLK A
504234060320	323-325 NW 5 AVE LAND TR	915 NW 2 AVE	HALLANDALE BEACH	FL	33009		HANSEN & NELSON SUB 3-76 DLOT 11,12 BLK B
504234060360	MOLTIMORE,THOMASBUTLER,BERNICE ETAL	416 NW 3 TER	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 18,19,20 W1/2 BLK B
504234060380	WINDSOR,CLEMENTE & RADIAH	410 NW 3 TER	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 20 E1/2, 21,22 BLK B
504234060390	MCCUTCHEON,MARY EST%HORACE MCCUTHEON	PO BOX 245	ABSECON	NJ	08201		HANSEN & NELSON SUB 3-76 DLOT 23,24,25 BLK B
504234060400	TIITF/STATE OF FLORIDAFORMER MURPHY ACT LAND	DNR DOUGLAS BLDG	TALLAHASSEE	FL	32399		HANSEN & NELSON SUB 3-76 DLOT 26 LESS W 20 BLK B

504234060410	MCCUTCHEON,NELSON	2709 NW 20 ST	FORT LAUDERDALE	FL	33311		HANSEN & NELSON SUB 3-76 DLOT 26 W 20,LOT 27,28,29 BLK B
504234060440	MILLER & MILLER REALTY LLC	3101 N FEDERAL HWY STE 606	FORT LAUDERDALE	FL	33306		HANSEN & NELSON SUB 3-76 DLOT 30,31 BLK B
504234060450	BIZZLE,RONNIE D & JODY LEE	415 NW 3 PL	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 32,33,34,35 BLK B
504234060570	ALL SPECIALISTS INC	3061 NW 23 WAY	OAKLAND PARK	FL	33311		HANSEN & NELSON SUB 3-76 DLOT 14,15,16 & S 15 M/L OF LOTS43,44 BLK C
504234060580	ALL SPECIALISTS INC	8641 NW 44 CT	LAUDERHILL	FL	33351		HANSEN & NELSON SUB 3-76 DLOT 17,18,19 & S 15 M/L OF LOTS40,41 BLK C
504234060581	FRANCINE SOLOMON TRELLEN STEUERMAN TR	1580 SEAGRAPE WAY	HOLLYWOOD	FL	33019	4863	HANSEN & NELSON SUB 3-76 DLOT 39 S OF GRIFFIN RD R/WBLK C
504234060590	NUBY,RONALD DALE	417 OLD GRIFFIN ROAD	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 20,21,S 15 M/L OF LOTS 37 &38 BLK C
504234060600	NUBY,RONALD DALE	PO BOX 1091	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 22,23 & THAT PART OFLOTS 35 & 36 LYING S OF CANALBLK C
504234060610	BESNER,HILDA TR	4240 GALT OCEAN DR #603	FORT LAUDERDALE	FL	33308		HANSEN & NELSON SUB 3-76 DLOT 24 BLK C
[illegible]234060620	ADELE BESNER TRBESNER,HANNA S	4240 GALT OCEAN DR #603	FORT LAUDERDALE	FL	33308		HANSEN & NELSON SUB 3-76 DLOT 25,26 W 20,S 15 M/L OF W 20OF LOT 32 & S 15 M/L OF LOT 33BLK C
504234060630	BURGESS,HOWARD E EST	681 GENEVA PL	TAMPA	FL	33606	3923	HANSEN & NELSON SUB 3-76 DLOT 26 E 5 BLK C
504234060640	CITY OF DANIA BEACH COMMUNITYREDEVELOPMENT AGENCY	100 W DANIA BEACH BLVD	DANIA BEACH	FL	33004	3643	HANSEN & NELSON SUB 3-76 DLOT 27,28 BLK C
504234060650	CITY OF DANIA BEACH	100 W DANIA BEACH BLVD	DANIA BEACH	FL	33004	3643	HANSEN & NELSON SUB 3-76 DLOT 29 W1/2 BLK C
504234060660	CITY OF DANIA BEACH	100 W DANIA BEACH BLVD	DANIA BEACH	FL	33004	3643	HANSEN & NELSON SUB 3-76 DS 15 M/L OF LOTS 29 E1/2,30,31 &S 15 M/L OF E 5 OF LOT 32 BLK C
504234060670	CITY OF DANIA BEACH	100 W DANIA BEACH BLVD	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DLOT 34 S OF CANAL R/W BLK C
504234060700	HARRIS,JERRY & MAGGIE EST% CURTIS HARRIS	221 NW 7 AVE	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DS 15 M/L OF LOT 42 BLK C
504234060730	HOLOCAUST DOCUMENTATION ANDEDUCATION CENTER INC	303 N FEDERAL HWY	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DALL LOTS 1,2,3,4,LESS ST RDBLK G
504234060740	COMERLAT HOSPITALITY 1 LLC	321 N FEDERAL HWY	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DALL LOTS 5,6,7,8,LESS ST RDBLK G
504234060750	S O S LAND CORP #3	345 N FEDERAL HWY	DANIA BEACH	FL	33004		HANSEN & NELSON SUB 3-76 DALL LOTS 9,10,LESS ST RD,LOT 11LESS ST RD & LESS N 9 OF LOT 11BLK G
504234060751	CITY OF DANIA BEACH	100 W DANIA BEACH BLVD	DANIA BEACH	FL	33004	3643	HANSEN & NELSON SUBLOT 11 N 9 LESS E 8 FOR ST RD,LOT 12 LESS ST RD BLK G
[illegible]234070010	IV SONS LLC	100 SW 16 ST	FORT LAUDERDALE	FL	33315		POINCIANA PARK 5-17 BALL LOTS 1,2,3,LESS ST RD BLK 1
504234070060	21 NE 3RD STREET LLC	10974 SW 37 MNR	DAVIE	FL	33328		POINCIANA PARK 5-17 BTHAT PT OF 20 FT STRIP MARKED"RESERVED" LYING S OF LOTS 5 &6 BLK 2 AND BOUNDED ON EBY SLY PROLONGATION OF E/LOF LOT 6 & ON W BY SLYPROLONGATION OF W/L OF LOT 5BLK 2
504234070070	MIRANJALI LLC	1500 SE 5 AVE	DANIA BEACH	FL	33004		POINCIANA PARK 5-17 BLOT 1 TO 4 BLK 2,LESS W 24 OFLOT 1,2,3 FOR ST RD R/W,TOG WITH20' STRIP MARKED "RESERVED" INBLK 2 LESS W 24 FOR ST RD R/WTOG WITH POR OFCOCOANUT HILLS B-115 DLOT 5&6 LESS W 24,LESS N 20 OFLOT 6
504234070110	ROWDEN,FRANK & YARA	3023 QUAIL VALLEY EAST DR	MISSOURI	TX	77489		POINCIANA PARK 5-17 BLOT 5 BLK 2
504234070111	21 NE 3RD STREET LLC	10974 SW 37 MNR	DAVIE	FL	33328		POINCIANA PARK 5-17 BLOT 6 BLK 2
504234070120	FULLER,MARISSAFULLER,STEVEN	8103 SW 30 ST	DAVIE	FL	33328		POINCIANA PARK 5-17 BLOT 7 & E 14 M/L OF THAT 20STRIP MARKED RESERVED WHICH ISE OF THE SLY PROLONGATIONDIVIDING LOTS 6 & 7 BLK 2
504234070130	YALE PROPERTIES DEVELOPMENT LLC	17100 NE 19 AVE	N MIAMI BEACH	FL	33162	3102	POINCIANA PARK 5-17 BLOT 8,9 W 16 BLK 2
504234070230	JB GONZAGA LLC	PO BOX 85194	HALLANDALE BEACH	FL	33008		POINCIANA PARK 5-17 BLOT 21 W 12.5,22 BLK 2
504234390010	COZY COVE MARINA INC	300 N FEDERAL HWY	DANIA BEACH	FL	33004		COZY COVE MARINA 71-49 BMARINA

504234490020	SEABOARD WAREHOUSE TERMINALSACCOUNTING TAX DEPT 2 FLOOR	3455 NW 54 ST	MIAMI	FL	33142		AIRPORT 10 134-4 BPARCEL "B"FP&L EASEMENT

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

AFFIDAVIT

CITY OF DANIA BEACH, FLORIDA

COMMUNITY DEVELOPMENT DEPARTMENT

MAILING LIST AND LABELS

STATE OF FLORIDA
COUNTY OF Broward

BEFORE ME, the undersigned authority, personally appeared Christina Mathews, (Print Name) who, after being duly sworn, deposes and says:

1. I am an individual over the age of 18 years old and

   (CHECK APPLICABLE SPACE)
   ___ I am the property Owner of the property identified below,

   OR
   X I represent to the City of Dania Beach, Florida that I am an authorized agent and representative of the property owner(s), Comerlat Hospitality I, LLC, (Print Name of Property Owner) for the property located at 321 N. Federal Highway (Address) (the "Property"), and this sworn statement pertains to the application for Design Variations and Variance

   _____
   (Briefly describe application, such as "site plan approval" or a "variance" or a "special exemption")
   relating to Petition number(s)OT-172-19, OT-173-19, OT-174-19, VA-175-19.

2. Pursuant to **Sec. 610-20(D)** of the Land Development Code ("LDC") of the Code of Ordinances of the City of Dania Beach, Florida, I understand that there is a mailing date deadline for notices and that as the applicant for the petition, I must provide the City with:

   - One (1) set of Mailing Labels, and
   - One (1) copy of the mailing list for all property owners who or which own property located within 450 feet of the subject property.

3. I understand that I am legally responsible for timely providing the City with the mailing labels and mailing list a minimum of twenty-five (25) days prior to the mailing date (for projects which may have more than 200 mailings, I understand that City staff may request labels even earlier). The mailing date is _____, 20____. I am also aware that pursuant to **LDC Sec. 610-30(D)(3),** "[T]he mail notice shall contain substantially the same information as provided in the newspaper advertisement for the same application, and shall also contain the legal description of the subject property, the approximate relation to the nearest cross street(s) and a map or demarcated aerial photograph showing its approximate size, location and relationship to adjacent properties."

4. If I do not timely provide the mailing labels and mailing list, the City will need to delay the processing of the application.

OWNER OR REPRESENTATIVE:

Signature

PRINT Name

Title

JOINT OWNER (IF APPLICABLE)

Signature

PRINT Name

Title

IF CORPORATION, LIMITED LIABILITY COMPANY, LIMITED PARTNERSHIP OR OTHER ENTITY:

Cutro and Associates
(Full Legal Name of ~~Corporation or~~ Entity)

Signature

Christina Mathews
PRINT Name

Title

On December 16, 2019, personally appeared Christina Mathews, and (if applicable, if there is a co-owner) _____, as the Owner(s) of the property described above. Such person(s) is/are personally known to me or produced _____ his/her/their identification.

NOTARY PUBLIC
State of Florida

My Commission Expires: 1-24-21

NATALIE BEDELL
Notary Public - State of Florida
Commission # GG 065714
My Comm. Expires Jan 24, 2021
Bonded through National Notary Assn.

Parking analysis

Strategy to be presented to City and to pursue.

1. **Pursue to reduce the standard from 0.8 spaces per room to 0.68 parking spaces per room with the parking study.**

Sec. 265-60. - Alternate parking standards.

a) The genesis of this section is the city's recognition that the minimum parking requirements of this article, in certain circumstances, may result in excess provision of parking. Excess parking supply results in the inefficient use of land at the expense of additional landscaped area, civic space, or building area and subsequent tax revenue and employment. Requests under this section shall be based strictly upon the criteria of this section, and shall not be based upon hardship, which is the purview of the variance process, nor inconvenience or cost.

b) An applicant for a development order or permit may propose an alternate parking standard based upon a parking study or other data that justifies an alternative standard, and based upon best professional practices, taking into account the availability level of transit service, proximity to multimodal transportation facilities and other best practices as determined by the community development director.

Normal requirement= 105 rooms x 0.8 parking spaces per room = 84 parking spaces required
Difference from 58 spaces in the design = 26

Alternative Standard Requirement = 105 rooms x 0.68 of demand based on parking study = 71.4 parking spaces required
Difference from 58 spaces in the design = 14

2. **Reduce parking spaces required with Transportation Demand Strategies**

Sec. 265-91. - Parking reductions for transportation demand management strategy implementation within the CRA form-based districts (CC, EDBB-MU, SFED-MU, GTWY-MU, NBHD-MU, NBHD-RES).

a) All new development or redevelopment within the CRA form-based districts (CC, EDBB-MU, SFED-MU, GTWY-MU, NBHD-MU, NBHD-RES) may apply for parking reduction through the implementation of transportation demand management (TDM) strategies. Parking reductions for TDM strategy implementation shall not be more than ten (10) percent of the total required parking for all uses within the development. This reduction may be used in conjunction with other parking reduction provisions such as shared parking and affordable housing incentives

b) The following transportation demand strategies may be utilized to achieve a parking reduction:
   1. Reserved priority employee parking for qualifying multiple occupant vehicles with committed employee car pool/rideshare participation;
   2. Parking areas for van pool vehicles with committed employee participation;

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3. Sheltered, secured bicycle storage facilities;
4. Employee shower/changing facilities;
5. On-site availability of public transit tickets for one (1) or more of the existing public transit providers or public transit subsidies for employees; Have public transit tickets availability for bus.
6. Make commuter van service available to all employees; the van service may be a shared vehicle among a group of businesses; Shuttle can be used to move employees to public parking facility.
7. Demonstration of the total number of employees "telecommuting"; telecommuting shall be the performance of a minimum of twenty (20) percent of the employee's business activities occurring off-site without commuting to the property;
8. Demonstration of a bus shelter or transit/bus pickup facility within three hundred (300) feet of the property on which the development is located;
9. Designation of an individual to act as the development's TDM coordinator with a commitment of regular communication and dissemination of TDM information;
10. Provision of parking "cash-out" option for employees; this option consists of providing employees with the option of a "free" parking space or the cash equivalent in exchange for commuting to work via car pool, van pool, transit, or other means.

c) Applicants requesting parking reductions through the implementation of TDM strategies shall provide details of the TDM strategies which are being proposed along with the respective parking reduction for each strategy. The information shall detail the cost, schedule, monitoring plan, identify a TDM coordinator who shall be responsible for the TDM program and other specifics of the respective strategy, as requested by the city. The community development director will make the final determination regarding the parking reduction based upon the proposed TDM strategies and the information provided.

71.4 parking spaces required after alternative parking standard minus 10% due to TDM = 64.26 = **65 parking spaces required.**
Difference from 58 spaces in the design = 7

3. Pay Parking Spaces Missing

Sec. 265-92. - Payment in-lieu of providing off-street parking.
Pay the difference: 65 - 58 = 7 X $6,500 = 45,500

Share parking with museum or marina for additional parking

Sec. 265-80. - Off-site parking facilities.

1. The off-street parking facilities on a lot may be utilized to meet all or part of the required off-street parking requirements for another lot with a nonresidential use, if the uses of the two (2) or more lots operate during distinct and separate time periods with no overlap. Examples include a school that does not operate on weekends or religious holidays sharing its parking facility with a place of worship that only operates on weekends and religious holidays, and a nightclub utilizing the parking facility of an office building.
2. When required parking spaces are not located on the same lot with the building or use served, or when the parking spaces are collectively or jointly provided and used, a written agreement shall be executed by the parties concerned, approved as to form by the city attorney, and filed with the application for a building permit along with proof of proper recordation in the Public Records of Broward County. The shared parking agreement shall provide for:
   d) Cross access, ingress and egress, and reservation for the off-street parking use of the two (2) or more properties for the duration of the agreement. This may be accomplished through unity of title if the parking facility is under common ownership with the off-site use.
   e) Maintenance responsibility.
   f) The permissible hours of operation of each use under the agreement.
   g) Enforcement. The agreement shall run to the benefit of the city and shall be binding upon the parties' heirs, successors and assigns. The agreement shall require cessation of the use(s) that are subject to the agreement in the event of violation unless one of the preconditions for termination of the agreement, below, is satisfied. The agreement may be terminated only upon the written consent of the city manager which may be granted if each use on its own satisfies the off-street parking requirements independent of the agreement, there is a change of use or intensity such that off-site parking is no longer necessitated, or an alternative parking facility is secured via a replacement agreement.

PILLAR CONSULTANTS, INC.

Consulting Engineers, Planners & Surveyors

5230 South University Drive – Suite 104
Davie, Florida 33328
Phone (954) 680-6533

May 29, 2019

Juan Jose Ferraez
Comerlat Hospitality I, LLC
5230 S. University Drive, Suite 104
Davie, FL 33328

RE: Dania Beach Hotel Parking Study
Project: 15011C – 321 N. Federal Highway, Dania Beach (0.78 Ac)

Dear Mr. Ferraez:

We have completed the Dania Beach Hotel parking demand study commissioned by your firm. It is our understanding that a hotel is proposed for the approximately 34,005-square-foot project site, which is located at 321 N. Federal Highway in the City of Dania Beach. The study methodology and findings follow:

Introduction

The project site is located within the Dania Beach Community Redevelopment Agency's (CRA) "City Center District." As such, it is subject to form-based requirements, including a reduced parking supply. According to Section 265-50 of Chapter 28 of the City of Dania Beach's Code of Ordinances, hotels in the City Center District are required to provide 0.8 parking spaces per room with an additional five (5) parking spaces for every thousand square feet of floor area for ballrooms, restaurants, lounges and shops; one fourth (0.25) per seat for banquet/meeting rooms. This is substantially less than is required outside the CRA's district. However, with the advent of ridesharing services such as Lyft and Uber, a significant shift in vehicle usage is currently reshaping the parking operations of hotels around the country. With these services, and free shuttle services to and from the Fort Lauderdale-Hollywood International Airport and the cruise ship terminals at Port Everglades, it is expected that parking demand for the proposed hotel will be even lower than the CRA's requirements.

Study Purpose

The purpose of this study was to define actual parking demand at hotels in the City of Dania Beach given the close proximity of all such hotels to Fort Lauderdale-Hollywood International Airport and the cruise ship terminals at Port Everglades. Section 265-60 of Chapter 28 of the City of Dania Beach's Code of Ordinances notes that a parking study or other supporting documentation may be used to demonstrate that a lower parking supply is appropriate.

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BY:

Study Methodology

This study was designed to determine the weekday and weekend average peak parking demand at existing hotels in the City of Dania Beach, Florida. Three hotels were selected for study and parking demand was measured every half hour for the hours between 6:00 a.m. and 6:00 p.m. on a Wednesday and a Saturday in the month of May, 2019.

Data Collection

In order to determine actual parking demand for the proposed hotel development, parking data was collected between the hours of 6:00 a.m. and 6:00 p.m. on Saturday, May 11, 2019, Wednesday, May 15, 2019 and Saturday, May 18, 2019. Tables 1-6, as follow, contain the results of the data collection effort.

Table 1, Saturday Parking Occupancy at Springhill Suites, displays the results of the parking occupancy measurements for Springhill Suites, which is located at 151 SW 18th Court, and is a 168-room hotel that advertises its close proximity to both the airport and Port Everglades. As with the other studied sites, it offers a free shuttle to and from both the airport and Port Everglades. This hotel, unlike the other two that were studied, is not located in the CRA's boundary. Therefore, it is subject to the City of Dania Beach's standard parking rate of one parking space per hotel room.

Note that a Peak Season Factor was obtained from information provided in the Florida Department of Transportation's *2018 Online Traffic* database. When the parking demand adjustments were made to consider peak-season conditions, the total peak-season, peak-hour parking demand was found to occur at 8:00 a.m. when 127 parking spaces, or 72.1 percent of the 176 available parking spaces, would be in use. With 168 rooms and 176 parking spaces, this hotel has the highest parking rate of the three studied hotels at 1.05 parking spaces per room. In addition, it has a small (300 square feet) meeting room that could result in an increased parking requirement under the City's Code.

Table 2, Wednesday Parking Occupancy at Springhill Suites, shows the results of the parking occupancy measurements for Springhill Suites on Wednesday. As the table display indicates, the Wednesday peak-season, peak-hour parking demand occurs at 6:30 a.m. when 116 parking spaces, or 65.6 percent of the available 176 parking spaces, would be in use.

Table 3, Saturday Parking Occupancy at Comfort Suites, displays the results of the parking occupancy measurements for Comfort Suites, which is located at 302 N. Federal Highway, is a 102-room hotel that is directly across the street from the proposed hotel site. It is notable in that it only has 65 parking spaces on site for 102 rooms. This equates to a parking supply rate of 0.64 per room. The Comfort Suites also has a small meeting room (648 square feet) which, depending on the seating configuration used, could result in a substantial increase in parking required under the City's Code. The table shows that the peak parking demand occurs at 6:00 a.m. when 61 parking spaces, or 93.7 percent of the available 65 parking spaces, would be in use.

Table 4, Wednesday Parking Occupancy at Comfort Suites, shows the results of the parking occupancy measurements for Comfort Suites on Wednesday. As the table display indicates, the Wednesday peak-season, peak-hour parking demand occurs at 6:00 a.m. when 63 parking spaces, or 96.9 percent of the available 65 parking spaces, would be in use.

Table 5, Saturday Parking Occupancy at Holiday Inn Express, displays the results of the parking occupancy measurements for Holiday Inn Express, which is located at 205 N. Federal Highway, is a 75-room hotel located one block south of the proposed new hotel site and is the only hotel in the study group that has a parking garage. It has 66 parking spaces for 75 rooms, which equates to a parking rate per room of 0.88. The table shows that the peak-season, peak-hour parking demand occurs at 6:00 a.m. when 49 parking spaces, or 74.8 percent of the available 66 parking spaces, would be in use.

Table 6, Wednesday Parking Occupancy at Holiday Inn Express, shows the results of the parking occupancy measurements for Holiday Inn Express on Wednesday. As the table display indicates, the Wednesday peak-season, peak-hour parking demand occurs at 6:00 a.m. when 38 parking spaces, or 57.3 percent of the available 66 parking spaces, would be in use.

Note that the last column in each table provides a parking rate per room for each hotel. The higher of the two parking rates for each studied hotel was used to calculate the average peak-season, peak-hour parking rate per room (0.755 + 0.618 + 0.658 = 2.03/3 = **0.68** parking spaces per room). Based on this analysis, it would appear that even the CRA's lower parking requirement for hotels located within the City Center District is still greater than the expected parking demand.

Conclusions

Based on the findings of this report, it would appear that the average peak-season, peak-hour parking demand for the proposed new hotel site in the City of Dania Beach, Florida is equivalent to **0.68** parking spaces per room.

Should you have any questions regarding this matter, please do not hesitate to contact this office.

Respectfully Submitted,
PILLAR CONSULTANTS, INC.

Jay C. Evans

Jay C. Evans, PE, PMS, CGC
President

Table 1
Saturday Parking Occupancy at Springhill Suites
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
11-May-19	6:00 AM	176	120	68.2%	168	0.71	1.04	125	70.9%	0.743
11-May-19	6:30 AM	176	120	68.2%	168	0.71	1.04	125	70.9%	0.743
11-May-19	7:00 AM	176	120	68.2%	168	0.71	1.04	125	70.9%	0.743
11-May-19	7:30 AM	176	120	68.2%	168	0.71	1.04	125	70.9%	0.743
11-May-19	8:00 AM	176	122	69.3%	168	0.73	1.04	127	72.1%	0.755
11-May-19	8:30 AM	176	120	68.2%	168	0.71	1.04	125	70.9%	0.743
11-May-19	9:00 AM	176	118	67.0%	168	0.70	1.04	123	69.7%	0.730
11-May-19	9:30 AM	176	105	59.7%	168	0.63	1.04	109	62.0%	0.650
11-May-19	10:00 AM	176	98	55.7%	168	0.58	1.04	102	57.9%	0.607
11-May-19	10:30 AM	176	99	56.3%	168	0.59	1.04	103	58.5%	0.613
11-May-19	11:00 AM	176	87	49.4%	168	0.52	1.04	90	51.4%	0.539
11-May-19	11:30 AM	176	87	49.4%	168	0.52	1.04	90	51.4%	0.539
11-May-19	12:00 PM	176	84	47.7%	168	0.50	1.04	87	49.6%	0.520
11-May-19	12:30 PM	176	87	49.4%	168	0.52	1.04	90	51.4%	0.539
11-May-19	1:00 PM	176	83	47.2%	168	0.49	1.04	86	49.0%	0.514
11-May-19	1:30 PM	176	84	47.7%	168	0.50	1.04	87	49.6%	0.520
11-May-19	2:00 PM	176	89	50.6%	168	0.53	1.04	93	52.6%	0.551
11-May-19	2:30 PM	176	90	51.1%	168	0.54	1.04	94	53.2%	0.557
11-May-19	3:00 PM	176	88	50.0%	168	0.52	1.04	92	52.0%	0.545
11-May-19	3:30 PM	176	87	49.4%	168	0.52	1.04	90	51.4%	0.539
11-May-19	4:00 PM	176	88	50.0%	168	0.52	1.04	92	52.0%	0.545
11-May-19	4:30 PM	176	87	49.4%	168	0.52	1.04	90	51.4%	0.539
11-May-19	5:00 PM	176	81	46.0%	168	0.48	1.04	84	47.9%	0.501
11-May-19	5:30 PM	176	79	44.9%	168	0.47	1.04	82	46.7%	0.489
11-May-19	6:00 PM	176	79	44.9%	168	0.47	1.04	82	46.7%	0.489

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

Table 2
Wednesday Parking Occupancy at Springhill Suites
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
15-May-19	6:00 AM	176	109	61.9%	168	0.65	1.05	114	65.0%	0.681
15-May-19	6:30 AM	176	110	62.5%	168	0.65	1.05	116	65.6%	0.688
15-May-19	7:00 AM	176	106	60.2%	168	0.63	1.05	111	63.2%	0.663
15-May-19	7:30 AM	176	102	58.0%	168	0.61	1.05	107	60.9%	0.638
15-May-19	8:00 AM	176	93	52.8%	168	0.55	1.05	98	55.5%	0.581
15-May-19	8:30 AM	176	89	50.6%	168	0.53	1.05	93	53.1%	0.556
15-May-19	9:00 AM	176	87	49.4%	168	0.52	1.05	91	51.9%	0.544
15-May-19	9:30 AM	176	79	44.9%	168	0.47	1.05	83	47.1%	0.494
15-May-19	10:00 AM	176	77	43.8%	168	0.46	1.05	81	45.9%	0.481
15-May-19	10:30 AM	176	71	40.3%	168	0.42	1.05	75	42.4%	0.444
15-May-19	11:00 AM	176	69	39.2%	168	0.41	1.05	72	41.2%	0.431
15-May-19	11:30 AM	176	67	38.1%	168	0.40	1.05	70	40.0%	0.419
15-May-19	12:00 PM	176	63	35.8%	168	0.38	1.05	66	37.6%	0.394
15-May-19	12:30 PM	176	64	36.4%	168	0.38	1.05	67	38.2%	0.400
15-May-19	1:00 PM	176	63	35.8%	168	0.38	1.05	66	37.6%	0.394
15-May-19	1:30 PM	176	60	34.1%	168	0.36	1.05	63	35.8%	0.375
15-May-19	2:00 PM	176	61	34.7%	168	0.36	1.05	64	36.4%	0.381
15-May-19	2:30 PM	176	66	37.5%	168	0.39	1.05	69	39.4%	0.413
15-May-19	3:00 PM	176	71	40.3%	168	0.42	1.05	75	42.4%	0.444
15-May-19	3:30 PM	176	73	41.5%	168	0.43	1.05	77	43.6%	0.456
15-May-19	4:00 PM	176	75	42.6%	168	0.45	1.05	79	44.7%	0.469
15-May-19	4:30 PM	176	73	41.5%	168	0.43	1.05	77	43.6%	0.456
15-May-19	5:00 PM	176	76	43.2%	168	0.45	1.05	80	45.3%	0.475
15-May-19	5:30 PM	176	79	44.9%	168	0.47	1.05	83	47.1%	0.494
15-May-19	6:00 PM	176	71	40.3%	168	0.42	1.05	75	42.4%	0.444

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

Table 3
Saturday Parking Occupancy at Comfort Suites
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
18-May-19	6:00 AM	65	58	89.2%	102	0.57	1.05	61	93.7%	0.597
18-May-19	6:30 AM	65	53	81.5%	102	0.52	1.05	56	85.6%	0.546
18-May-19	7:00 AM	65	46	70.8%	102	0.45	1.05	48	74.3%	0.474
18-May-19	7:30 AM	65	42	64.6%	102	0.41	1.05	44	67.8%	0.432
18-May-19	8:00 AM	65	37	56.9%	102	0.36	1.05	39	59.8%	0.381
18-May-19	8:30 AM	65	36	55.4%	102	0.35	1.05	38	58.2%	0.371
18-May-19	9:00 AM	65	36	55.4%	102	0.35	1.05	38	58.2%	0.371
18-May-19	9:30 AM	65	34	52.3%	102	0.33	1.05	36	54.9%	0.350
18-May-19	10:00 AM	65	33	50.8%	102	0.32	1.05	35	53.3%	0.340
18-May-19	10:30 AM	65	30	46.2%	102	0.29	1.05	32	48.5%	0.309
18-May-19	11:00 AM	65	28	43.1%	102	0.27	1.05	29	45.2%	0.288
18-May-19	11:30 AM	65	27	41.5%	102	0.26	1.05	28	43.6%	0.278
18-May-19	12:00 PM	65	22	33.8%	102	0.22	1.05	23	35.5%	0.226
18-May-19	12:30 PM	65	21	32.3%	102	0.21	1.05	22	33.9%	0.216
18-May-19	1:00 PM	65	21	32.3%	102	0.21	1.05	22	33.9%	0.216
18-May-19	1:30 PM	65	20	30.8%	102	0.20	1.05	21	32.3%	0.206
18-May-19	2:00 PM	65	20	30.8%	102	0.20	1.05	21	32.3%	0.206
18-May-19	2:30 PM	65	18	27.7%	102	0.18	1.05	19	29.1%	0.185
18-May-19	3:00 PM	65	24	36.9%	102	0.24	1.05	25	38.8%	0.247
18-May-19	3:30 PM	65	26	40.0%	102	0.25	1.05	27	42.0%	0.268
18-May-19	4:00 PM	65	26	40.0%	102	0.25	1.05	27	42.0%	0.268
18-May-19	4:30 PM	65	27	41.5%	102	0.26	1.05	28	43.6%	0.278
18-May-19	5:00 PM	65	26	40.0%	102	0.25	1.05	27	42.0%	0.268
18-May-19	5:30 PM	65	25	38.5%	102	0.25	1.05	26	40.4%	0.257
18-May-19	6:00 PM	65	20	30.8%	102	0.20	1.05	21	32.3%	0.206

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

Table 4
Wednesday Parking Occupancy at Comfort Suites
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
15-May-19	6:00 AM	65	60	92.3%	102	0.59	1.05	63	96.9%	0.618
15-May-19	6:30 AM	65	59	90.8%	102	0.58	1.05	62	95.3%	0.607
15-May-19	7:00 AM	65	53	81.5%	102	0.52	1.05	56	85.6%	0.546
15-May-19	7:30 AM	65	51	78.5%	102	0.50	1.05	54	82.4%	0.525
15-May-19	8:00 AM	65	50	76.9%	102	0.49	1.05	53	80.8%	0.515
15-May-19	8:30 AM	65	47	72.3%	102	0.46	1.05	49	75.9%	0.484
15-May-19	9:00 AM	65	45	69.2%	102	0.44	1.05	47	72.7%	0.463
15-May-19	9:30 AM	65	42	64.6%	102	0.41	1.05	44	67.8%	0.432
15-May-19	10:00 AM	65	42	64.6%	102	0.41	1.05	44	67.8%	0.432
15-May-19	10:30 AM	65	34	52.3%	102	0.33	1.05	36	54.9%	0.350
15-May-19	11:00 AM	65	34	52.3%	102	0.33	1.05	36	54.9%	0.350
15-May-19	11:30 AM	65	29	44.6%	102	0.28	1.05	30	46.8%	0.299
15-May-19	12:00 PM	65	30	46.2%	102	0.29	1.05	32	48.5%	0.309
15-May-19	12:30 PM	65	31	47.7%	102	0.30	1.05	33	50.1%	0.319
15-May-19	1:00 PM	65	20	30.8%	102	0.20	1.05	21	32.3%	0.206
15-May-19	1:30 PM	65	18	27.7%	102	0.18	1.05	19	29.1%	0.185
15-May-19	2:00 PM	65	20	30.8%	102	0.20	1.05	21	32.3%	0.206
15-May-19	2:30 PM	65	21	32.3%	102	0.21	1.05	22	33.9%	0.216
15-May-19	3:00 PM	65	23	35.4%	102	0.23	1.05	24	37.2%	0.237
15-May-19	3:30 PM	65	23	35.4%	102	0.23	1.05	24	37.2%	0.237
15-May-19	4:00 PM	65	24	36.9%	102	0.24	1.05	25	38.8%	0.247
15-May-19	4:30 PM	65	26	40.0%	102	0.25	1.05	27	42.0%	0.268
15-May-19	5:00 PM	65	26	40.0%	102	0.25	1.05	27	42.0%	0.268
15-May-19	5:30 PM	65	25	38.5%	102	0.25	1.05	26	40.4%	0.257
15-May-19	6:00 PM	65	27	41.5%	102	0.26	1.05	28	43.6%	0.278

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

Table 5
Saturday Parking Occupancy at Holiday Inn Express
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
18-May-19	6:00 AM	66	47	71.2%	75	0.63	1.05	49	74.8%	0.658
18-May-19	6:30 AM	66	40	60.6%	75	0.53	1.05	42	63.6%	0.560
18-May-19	7:00 AM	66	38	57.6%	75	0.51	1.05	40	60.5%	0.532
18-May-19	7:30 AM	66	34	51.5%	75	0.45	1.05	36	54.1%	0.476
18-May-19	8:00 AM	66	29	43.9%	75	0.39	1.05	30	46.1%	0.406
18-May-19	8:30 AM	66	28	42.4%	75	0.37	1.05	29	44.5%	0.392
18-May-19	9:00 AM	66	23	34.8%	75	0.31	1.05	24	36.6%	0.322
18-May-19	9:30 AM	66	23	34.8%	75	0.31	1.05	24	36.6%	0.322
18-May-19	10:00 AM	66	21	31.8%	75	0.28	1.05	22	33.4%	0.294
18-May-19	10:30 AM	66	21	31.8%	75	0.28	1.05	22	33.4%	0.294
18-May-19	11:00 AM	66	19	28.8%	75	0.25	1.05	20	30.2%	0.266
18-May-19	11:30 AM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
18-May-19	12:00 PM	66	18	27.3%	75	0.24	1.05	19	28.6%	0.252
18-May-19	12:30 PM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
18-May-19	1:00 PM	66	18	27.3%	75	0.24	1.05	19	28.6%	0.252
18-May-19	1:30 PM	66	18	27.3%	75	0.24	1.05	19	28.6%	0.252
18-May-19	2:00 PM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
18-May-19	2:30 PM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
18-May-19	3:00 PM	66	18	27.3%	75	0.24	1.05	19	28.6%	0.252
18-May-19	3:30 PM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
18-May-19	4:00 PM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
18-May-19	4:30 PM	66	22	33.3%	75	0.29	1.05	23	35.0%	0.308
18-May-19	5:00 PM	66	22	33.3%	75	0.29	1.05	23	35.0%	0.308
18-May-19	5:30 PM	66	24	36.4%	75	0.32	1.05	25	38.2%	0.336
18-May-19	6:00 PM	66	26	39.4%	75	0.35	1.05	27	41.4%	0.364

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

Table 6
Wednesday Parking Occupancy at Holiday Inn Express
Dania Beach Hotel Parking Study

Date	Time	Existing Total Available Spaces	Occupied Spaces	Occupied Percentage	Number of Rooms	Parking Demand per Room	Peak Season Factor*	Peak Season Total Parking Demand	Peak Season Occupied Percentage	Peak Season Parking Demand per Room
15-May-19	6:00 AM	66	36	54.5%	75	0.48	1.05	38	57.3%	0.504
15-May-19	6:30 AM	66	33	50.0%	75	0.44	1.05	35	52.5%	0.462
15-May-19	7:00 AM	66	30	45.5%	75	0.40	1.05	32	47.7%	0.420
15-May-19	7:30 AM	66	27	40.9%	75	0.36	1.05	28	43.0%	0.378
15-May-19	8:00 AM	66	27	40.9%	75	0.36	1.05	28	43.0%	0.378
15-May-19	8:30 AM	66	26	39.4%	75	0.35	1.05	27	41.4%	0.364
15-May-19	9:00 AM	66	25	37.9%	75	0.33	1.05	26	39.8%	0.350
15-May-19	9:30 AM	66	27	40.9%	75	0.36	1.05	28	43.0%	0.378
15-May-19	10:00 AM	66	23	34.8%	75	0.31	1.05	24	36.6%	0.322
15-May-19	10:30 AM	66	21	31.8%	75	0.28	1.05	22	33.4%	0.294
15-May-19	11:00 AM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
15-May-19	11:30 AM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
15-May-19	12:00 PM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
15-May-19	12:30 PM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
15-May-19	1:00 PM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
15-May-19	1:30 PM	66	18	27.3%	75	0.24	1.05	19	28.6%	0.252
15-May-19	2:00 PM	66	16	24.2%	75	0.21	1.05	17	25.5%	0.224
15-May-19	2:30 PM	66	17	25.8%	75	0.23	1.05	18	27.0%	0.238
15-May-19	3:00 PM	66	21	31.8%	75	0.28	1.05	22	33.4%	0.294
15-May-19	3:30 PM	66	20	30.3%	75	0.27	1.05	21	31.8%	0.280
15-May-19	4:00 PM	66	23	34.8%	75	0.31	1.05	24	36.6%	0.322
15-May-19	4:30 PM	66	22	33.3%	75	0.29	1.05	23	35.0%	0.308
15-May-19	5:00 PM	66	25	37.9%	75	0.33	1.05	26	39.8%	0.350
15-May-19	5:30 PM	66	24	36.4%	75	0.32	1.05	25	38.2%	0.336
15-May-19	6:00 PM	66	27	40.9%	75	0.36	1.05	28	43.0%	0.378

*Peak Season Factor obtained from FDOT's 2018 Online Traffic database

2018 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
CATEGORY: 8600 EAST-A1A TO US1

MOCF: 0.90

WEEK	DATES	SF	PSCF
1	01/01/2018 - 01/06/2018	1.02	1.13
2	01/07/2018 - 01/13/2018	1.02	1.13
3	01/14/2018 - 01/20/2018	1.02	1.13
4	01/21/2018 - 01/27/2018	0.99	1.10
* 5	01/28/2018 - 02/03/2018	0.96	1.07
* 6	02/04/2018 - 02/10/2018	0.92	1.02
* 7	02/11/2018 - 02/17/2018	0.89	0.99
* 8	02/18/2018 - 02/24/2018	0.88	0.98
* 9	02/25/2018 - 03/03/2018	0.88	0.98
*10	03/04/2018 - 03/10/2018	0.87	0.97
*11	03/11/2018 - 03/17/2018	0.87	0.97
*12	03/18/2018 - 03/24/2018	0.88	0.98
*13	03/25/2018 - 03/31/2018	0.89	0.99
*14	04/01/2018 - 04/07/2018	0.89	0.99
*15	04/08/2018 - 04/14/2018	0.90	1.00
*16	04/15/2018 - 04/21/2018	0.91	1.01
*17	04/22/2018 - 04/28/2018	0.95	1.06
18	04/29/2018 - 05/05/2018	0.98	1.09
19	05/06/2018 - 05/12/2018	1.02	1.13
20	05/13/2018 - 05/19/2018	1.05	1.17
21	05/20/2018 - 05/26/2018	1.05	1.17
22	05/27/2018 - 06/02/2018	1.04	1.16
23	06/03/2018 - 06/09/2018	1.04	1.16
24	06/10/2018 - 06/16/2018	1.03	1.14
25	06/17/2018 - 06/23/2018	1.03	1.14
26	06/24/2018 - 06/30/2018	1.02	1.13
27	07/01/2018 - 07/07/2018	1.02	1.13
28	07/08/2018 - 07/14/2018	1.01	1.12
29	07/15/2018 - 07/21/2018	1.01	1.12
30	07/22/2018 - 07/28/2018	1.02	1.13
31	07/29/2018 - 08/04/2018	1.03	1.14
32	08/05/2018 - 08/11/2018	1.04	1.16
33	08/12/2018 - 08/18/2018	1.05	1.17
34	08/19/2018 - 08/25/2018	1.07	1.19
35	08/26/2018 - 09/01/2018	1.09	1.21
36	09/02/2018 - 09/08/2018	1.10	1.22
37	09/09/2018 - 09/15/2018	1.12	1.24
38	09/16/2018 - 09/22/2018	1.12	1.24
39	09/23/2018 - 09/29/2018	1.12	1.24
40	09/30/2018 - 10/06/2018	1.12	1.24
41	10/07/2018 - 10/13/2018	1.12	1.24
42	10/14/2018 - 10/20/2018	1.12	1.24
43	10/21/2018 - 10/27/2018	1.10	1.22
44	10/28/2018 - 11/03/2018	1.09	1.21
45	11/04/2018 - 11/10/2018	1.08	1.20
46	11/11/2018 - 11/17/2018	1.07	1.19
47	11/18/2018 - 11/24/2018	1.05	1.17
48	11/25/2018 - 12/01/2018	1.04	1.16
49	12/02/2018 - 12/08/2018	1.03	1.14
50	12/09/2018 - 12/15/2018	1.02	1.13
51	12/16/2018 - 12/22/2018	1.02	1.13
52	12/23/2018 - 12/29/2018	1.02	1.13
53	12/30/2018 - 12/31/2018	1.02	1.13

* PEAK SEASON

2018 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
CATEGORY: 8601 CEN.-W OF US1 TO SR7

MOCF: 0.98

WEEK	DATES	SF	PSCF
1	01/01/2018 - 01/06/2018	1.00	1.02
2	01/07/2018 - 01/13/2018	1.01	1.03
3	01/14/2018 - 01/20/2018	1.01	1.03
4	01/21/2018 - 01/27/2018	1.00	1.02
* 5	01/28/2018 - 02/03/2018	0.99	1.01
* 6	02/04/2018 - 02/10/2018	0.97	0.99
* 7	02/11/2018 - 02/17/2018	0.96	0.98
* 8	02/18/2018 - 02/24/2018	0.96	0.98
* 9	02/25/2018 - 03/03/2018	0.96	0.98
*10	03/04/2018 - 03/10/2018	0.97	0.99
*11	03/11/2018 - 03/17/2018	0.97	0.99
*12	03/18/2018 - 03/24/2018	0.97	0.99
*13	03/25/2018 - 03/31/2018	0.98	1.00
*14	04/01/2018 - 04/07/2018	0.98	1.00
*15	04/08/2018 - 04/14/2018	0.98	1.00
*16	04/15/2018 - 04/21/2018	0.99	1.01
*17	04/22/2018 - 04/28/2018	1.00	1.02
18	04/29/2018 - 05/05/2018	1.01	1.03
19	05/06/2018 - 05/12/2018	1.02	1.04
20	05/13/2018 - 05/19/2018	1.03	1.05
21	05/20/2018 - 05/26/2018	1.03	1.05
22	05/27/2018 - 06/02/2018	1.03	1.05
23	06/03/2018 - 06/09/2018	1.02	1.04
24	06/10/2018 - 06/16/2018	1.02	1.04
25	06/17/2018 - 06/23/2018	1.02	1.04
26	06/24/2018 - 06/30/2018	1.02	1.04
27	07/01/2018 - 07/07/2018	1.02	1.04
28	07/08/2018 - 07/14/2018	1.03	1.05
29	07/15/2018 - 07/21/2018	1.03	1.05
30	07/22/2018 - 07/28/2018	1.02	1.04
31	07/29/2018 - 08/04/2018	1.02	1.04
32	08/05/2018 - 08/11/2018	1.01	1.03
33	08/12/2018 - 08/18/2018	1.01	1.03
34	08/19/2018 - 08/25/2018	1.01	1.03
35	08/26/2018 - 09/01/2018	1.02	1.04
36	09/02/2018 - 09/08/2018	1.02	1.04
37	09/09/2018 - 09/15/2018	1.03	1.05
38	09/16/2018 - 09/22/2018	1.02	1.04
39	09/23/2018 - 09/29/2018	1.01	1.03
40	09/30/2018 - 10/06/2018	1.01	1.03
41	10/07/2018 - 10/13/2018	1.00	1.02
42	10/14/2018 - 10/20/2018	1.00	1.02
43	10/21/2018 - 10/27/2018	1.00	1.02
44	10/28/2018 - 11/03/2018	1.00	1.02
45	11/04/2018 - 11/10/2018	1.01	1.03
46	11/11/2018 - 11/17/2018	1.01	1.03
47	11/18/2018 - 11/24/2018	1.01	1.03
48	11/25/2018 - 12/01/2018	1.01	1.03
49	12/02/2018 - 12/08/2018	1.00	1.02
50	12/09/2018 - 12/15/2018	1.00	1.02
51	12/16/2018 - 12/22/2018	1.01	1.03
52	12/23/2018 - 12/29/2018	1.01	1.03
53	12/30/2018 - 12/31/2018	1.01	1.03

* PEAK SEASON

This instrument prepared by:

E. Carter Chandler Clements
Hunton Andrews Kurth, LLP
2200 Pennsylvania Avenue, NW
Washington, DC 20037

Counsel for Comerlat Hospitality 1 LLC

DECLARATION OF RESTRICTIVE COVENANT

THIS DECLARATION OF RESTRICTIVE COVENANT (hereinafter "Declaration") is made by Comerlat Hospitality 1 LLC, a Delaware limited liability company (hereinafter "GRANTOR") and the Florida Department of Environmental Protection (hereinafter "FDEP").

RECITALS

A. GRANTOR is the fee simple owner of that certain real property situated in the County of Broward, State of Florida, more particularly described as follows: Lot 5, 6, 7, and 8, Block G, Hanson-Nelson Subdivision, according to the Plat thereof as recorded in Plat Book 3, page(s) 76, of the Public Records of Miami-Dade County, said lands now situate, lying and being in Broward County, Florida (hereinafter the "Property");

B. The FDEP Facility Identification Number for the Property is 068501698. The facility name at the time of this Declaration is Super Stop Dania, 321 North Federal Highway, Dania Beach, Broward County. This Declaration addresses the discharge that was reported to the FDEP on June 23, 1986.

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BY:

C. It is GRANTOR's understanding that the Property was formerly used as a gasoline station and contamination of soil and groundwater at the Property resulting from that former use was reported to FDEP through FDEP's Early Detection Incentive Plan on or about June 23, 1986 and entered FDEP's Petroleum Restoration Plan as of that date. The discharge of petroleum products on the Property is documented in the following reports that are incorporated by reference:

1. Phase I Environmental Site Assessment Report dated April 2019, prepared by Creative Environmental Solutions, Inc.;
2. Annual Post Active Remediation Monitoring (PARM) Report dated November 27, 2018, prepared by Creative Environmental Contracting JV, LLC;
3. Source Removal Report, Super Stop Dania dated October 2, 2017, prepared by Creative Environmental Contracting JV, LLC; and
4. Supplemental Site Assessment Report, Super Stop Dania dated December 17, 2015, prepared by Creative Environmental Contracting JV, LLC.

D. The reports noted in Recital C set forth the nature and extent of the contamination described in Recital C that is located on the Property. These reports confirm that contaminated soil and groundwater as defined by Chapter 62-780, Florida Administrative Code (F.A.C.), exists on the Property. These reports indicate the possibility that the groundwater contamination may extend beyond the Property boundary to the east, toward Federal Highway. These reports further document, however, that the extent of the groundwater contamination does not exceed 1/4 acre, and the groundwater contamination is not migrating.

E. It is the intent that the restrictions in this Declaration reduce or eliminate the risk of exposure of users or occupants of the Property and the environment to the contaminants and to reduce or eliminate the threat of migration of the contaminants.

F. FDEP has agreed to issue a Site Rehabilitation Completion Order with Conditions (hereinafter "Order") upon recordation of this Declaration. FDEP can unilaterally revoke the Order if the conditions of this Declaration or of the Order are not met. Additionally, if concentrations of petroleum products increase above the levels approved in the Order, or if a subsequent discharge occurs at the Property, FDEP may require site rehabilitation to reduce concentrations of contamination to the levels allowed by the applicable FDEP rules. The Order relating to FDEP Facility No. 068501698 can be obtained by contacting the appropriate FDEP district office or Tallahassee program area.

G. GRANTOR deems it desirable and in the best interest of all present and future owners of the Property that an Order be obtained and that the Property be held subject

to certain restrictions and engineering controls, all of which are more particularly hereinafter set forth.

NOW, THEREFORE, to induce FDEP to issue the Order and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by each of the undersigned parties, GRANTOR agrees as follows:

1. The foregoing recitals are true and correct and are incorporated herein by reference.

2. GRANTOR hereby imposes the following restrictions and requirements:

GROUNDWATER USE RESTRICTIONS.

a. There shall be no use of the groundwater under the Property. There shall be no drilling for water conducted on the Property, nor shall any wells be installed on the Property, other than monitoring or other wells pre-approved in writing by FDEP's Division of Waste Management ("DWM"), in addition to any authorizations required by the Division of Water Resource Management and the Water Management Districts. Additionally, there shall be no stormwater swales, stormwater detention or retention facilities, or ditches on the Property. For any dewatering activities, a plan approved by FDEP's DWM must be in place to address and ensure the appropriate handling, treatment, and disposal of any extracted groundwater that may be contaminated.

SOIL RESTRICTIONS AND REQUIREMENTS.

b.i. The "Area of Soil Contamination" as located on the portion of the Property shown on Exhibit B shall be permanently covered and maintained with an impermeable surface cap that prevents human exposure and leaching (hereinafter referred to as "the Engineering Control"). An Engineering Control Maintenance Plan ("ECMP") has been approved by the Department. The ECMP specifies the frequency of inspections and monitoring for the Engineering Control and the criteria for determining when the Engineering Control has failed. The Engineering Control shall be maintained in accordance with the ECMP as it may be amended upon the prior written consent of the FDEP. The ECMP, as amended, relating to FDEP Facility No. 068501698, can be obtained by contacting the appropriate FDEP district office or Tallahassee program area; and

b.ii. Excavation and construction below the Engineering Control is not prohibited on the Soil Contamination Area, provided any contaminated soils that are excavated are removed and properly disposed of pursuant to Chapter 62-780, F.A.C., and any other applicable local, state, and federal requirements. Nothing herein shall limit any other legal requirements regarding construction methods and precautions that must be taken to minimize risk of exposure while conducting

work in contaminated areas. For any dewatering activities, a plan pre-approved by FDEP's DWM must be in place to address and ensure the appropriate handling, treatment, and disposal of any extracted groundwater that may be contaminated.

3. In the remaining paragraphs, all references to "GRANTOR" and "FDEP" shall also mean and refer to their respective successors and assigns.

4. For the purpose of monitoring the restrictions contained herein, FDEP is hereby granted a right of entry upon, over and through and access to the Property at reasonable times and with reasonable notice to GRANTOR.

5. It is the intention of GRANTOR that this Declaration shall touch and concern the Property, run with the land and with the title to the Property, and shall apply to and be binding upon and inure to the benefit of GRANTOR and FDEP, and to any and all parties hereafter having any right, title or interest in the Property or any part thereof. FDEP may enforce the terms and conditions of this Declaration by injunctive relief and other appropriate available legal remedies. Any forbearance on behalf of FDEP to exercise its right in the event of the failure of GRANTOR to comply with the provisions of this Declaration shall not be deemed or construed to be a waiver of FDEP's rights hereunder. This Declaration shall continue in perpetuity, unless otherwise modified in writing by GRANTOR and FDEP as provided in paragraph 7 hereof. These restrictions may also be enforced in a court of competent jurisdiction by any other person, firm, corporation, or governmental agency that is substantially benefited by these restrictions. If GRANTOR does not or will not be able to comply with any or all of the provisions of this Declaration, GRANTOR shall notify FDEP in writing within three (3) calendar days. Additionally, GRANTOR shall notify FDEP thirty (30) days prior to any conveyance or sale, granting or transferring the Property or portion thereof, to any heirs, successors, assigns or grantees, including, without limitation, the conveyance of any security interest in said Property.

6. In order to ensure the perpetual nature of this Declaration, GRANTOR shall record this declaration, and reference these restrictions in any subsequent lease or deed of conveyance, including the recording book and page of record of this Declaration. Furthermore, prior to the entry into a landlord-tenant relationship with respect to the Property, GRANTOR agrees to notify in writing all proposed tenants of the Property of the existence and contents of this Declaration of Restrictive Covenant.

7. This Declaration is binding until a release of covenant is executed by the FDEP Secretary (or designee) and is recorded in the public records of the county in which the land is located. To receive prior approval from FDEP to remove any requirement herein, cleanup target levels established pursuant to Florida Statutes and FDEP rules must be achieved. This Declaration may be modified in writing only. Any subsequent

amendment must be executed by both GRANTOR and FDEP and be recorded by GRANTOR as an amendment hereto.

8. If any provision of this Declaration is held to be invalid by any court of competent jurisdiction, the invalidity of that provision shall not affect the validity of any other provisions of the Declaration. All such other provisions shall continue unimpaired in full force and effect.

9. GRANTOR covenants and represents that on the date of execution of this Declaration that GRANTOR is seized of the Property in fee simple and has good right to create, establish, and impose this restrictive covenant on the use of the Property. [GRANTOR also covenants and warrants that the Property is free and clear of any and all liens, mortgages, or encumbrances that could impair GRANTOR'S rights to impose the restrictive covenant described in this Declaration.] [A joinder and consent, or subordination of liens, mortgages, or encumbrances, as applicable, is attached hereto.]

IN WITNESS WHEREOF, Comerlat Hospitality 1 LLC has executed this instrument, this _____ day of _____, 2019.

GRANTOR
Comerlat Hospitality 1 LLC

By: _____
Name: Juan Jose Ferraez
Title: Manager
Full Mailing Address: 18851 NE 29th Avenue, Suite 700, Aventura, FL 33180

Signed, sealed and delivered in the presence of:

_____ Date: _____
Witness
Print Name: _____

_____ Date: _____
Witness
Print Name: _____

STATE OF _____)

COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of ____, 2019, by _____.

Personally Known _____ OR Produced Identification _____.
Type of Identification Produced _____.

_____
Signature of Notary Public

Approved as to form by the Florida Department of Environmental Protection, Office of General Counsel _____.

IN WITNESS WHEREOF, the Florida Department of Environmental Protection has executed this instrument, this _____ day of _____, 2019.

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
By: _____
Name: _____
Title: _____
Division of Waste Management:
_____ *{{fill in blank with either Petroleum Restoration Program or Waste* Cleanup Program*}}*
{{or}}
{{fill in appropriate District Office, if applicable}}
_____*District Office*
{{Mailing Address}}, Mail Station *{{__}}*,
{{City}}, Florida *{{Zip Code}}*
FDEP SITE/PROJECT MANAGERS SHOULD PROVIDE THIS INFORMATION TO OWNER

Signed, sealed and delivered in the presence of:

Witness: _____ Date: _____
Print Name: _____

Witness: _____ Date: _____
Print Name: _____

STATE OF _____)
COUNTY OF _____)

The foregoing instrument was acknowledged before me this _____ day of ____, 2019, by _____ as representative for the Florida Department of Environmental Protection.

Personally Known _____ OR Produced Identification _____.
Type of Identification Produced _____.

_____
Signature of Notary Public

_____
Print Name of Notary Public

Commission No. _____
Commission Expires: _____

City of Dania Beach

100 W Dania Beach Blvd
Dania Beach, FL 33004
954-924-6800 x3401 FAX: 954-922-5619

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

RECEIVED
AUG 29 2019

Municipal Lien Search Request

$100.00 Fee per Lien Search, Processing Time 5 Business Days

ALL REQUESTS MUST BE ACCOMPANIED BY A CHECK WITH THE APPROPRIATE FEE FOR EACH INDIVIDUAL TAX FOLIO NUMBER. COMPLETED REQUESTS WILL BE RETURNED VIA FAX OR E-MAIL. PLEASE SEND A SELF ADDRESSED STAMPED ENVELOPE IF YOU WISH TO RECEIVE THE ORIGINAL COPY OF A SEARCH. UPDATES CAN BE PROVIDED BY FAX OR E-MAIL IF REQUESTED AT LEAST 24 HOURS BEFORE CLOSING.

PLEASE PROVIDE THE FOLLOWING INFORMATION:

DATE REQUESTED: 8/29/19 FROM: Leigh Robinson Kerr & Assoc., Inc.

PHONE: 954-467-6308 808 E. Las Olas Blvd #104

FAX: N/A Ft. Lauderdale, FL 33301

EMAIL: kray808@bellsouth.net

PROPERTY FOLIO #: 5042-34-06-0740

PROPERTY ADDRESS: 321 N. Federal Highway, Dania Beach, 33004

SELLER'S NAME: N/A

Comercial

CITY OF DANIA BEACH WILL COMPLETE THE FOLLOWING INFORMATION:

UTILITY ACCOUNT INFORMATION:

☐ THIS PROPERTY IS NOT SERVICED BY CITY OF DANIA BEACH WATER UTILITY. THE PROPERTY MAY BE SERVICED BY BROWARD COUNTY, THE CITY OF FORT LAUDERDALE OR THE CITY OF HOLLYWOOD.

☐ THIS PROPERTY IS SERVICED BY A MASTER WATER METER. PLEASE CONTACT THE ASSOCIATION FOR ADDITIONAL INFORMATION.

ACCT. #: 600042-001 AMOUNT DUE: $ Ø DEPOSIT: $ 40.00 ACCOUNT CURRENT (Y ~~N~~)

ACCT. #: _____ AMOUNT DUE: $ _____ DEPOSIT: $ _____ ACCOUNT CURRENT (Y N)

ACCT. #: _____ AMOUNT DUE: $ _____ DEPOSIT: $ _____ ACCOUNT CURRENT (Y N)

ADDITIONAL INFORMATION: _____

OTHER BALANCES/ACCOUNTS DUE:

☐ CODE VIOLATION: CASE# _____ CONTACT CODE ENFORCEMENT @ 954-924-6810

☒ OPEN BUILDING PERMITS MAY EXIST ON THIS PROPERTY. CONTACT BUILDING & ZONING @ 954-924-6805 or 954-924-6800 x3633

☐ A BUSINESS TAX RECEIPT MAY BE REQUIRED FOR THIS PROPERTY. CONTACT THE BUSINESS TAX DIV. 954-924-6800 x3401

☐ OTHER AMOUNTS DUE/PENDING. _____

PROPERTY AS REFERENCED IS CLEAR OF LIENS PLACED BY THE CITY OF DANIA BEACH: (~~Y~~ N)

☐ PLEASE SEE ATTACHED LIEN CALCULATION(S)

SPECIAL ASSESSMENTS ARE ON TAX BILLS FROM THE COUNTY.

DISCLAIMER OF LIABILITY: THE PERFORMANCE OF THE LIEN SEARCH BY THE CITY OF DANIA BEACH WILL NOT RELIEVE THE REQUESTING PARTY FROM THE RESPONSIBILITY OF SEARCHING THE PUBLIC RECORDS OF BROWARD COUNTY, FOR ANY AND ALL LIENS OR OTHER DOCUMENTS RECORDED BY THE CITY OF DANIA BEACH AGAINST THE PROPERTY AND/OR PROPERTY OWNER. THE FOREGOING INFORMATION IS BELIEVED TO BE RELIABLE, BUT IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS BY THE CITY OF DANIA BEACH. IN NO EVENT SHALL THE CITY OF DANIA BEACH BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR EXEMPLARY DAMAGES, OF ANY KIND OF NATURE WHATSOEVER, ARISING OUT OF, OR IN CONNECTION WITH THE PROVISION OF THIS INFORMATION. THIS INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

PREPARED BY: M. Velaso DATE: 09/04/19

☒ E-MAILED ☐ FAXED ☐ MAILED

MARTY KIAR
BROWARD COUNTY
PROPERTY APPRAISER

Site Address	321 N FEDERAL HIGHWAY, DANIA BEACH FL 33004	ID #	5042 34 06 0740
Property Owner	COMERLAT HOSPITALITY 1 LLC	Millage	0413
Mailing Address	321 N FEDERAL HWY DANIA BEACH FL 33004	Use	10

Abbr Legal Description	HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G

The just values displayed below were set in compliance with Sec. 193.011, Fla. Stat., and include a reduction for costs of sale and other adjustments required by Sec. 193.011(8).

Property Assessment Values

Year	Land	Building / Improvement	Just / Market Value	Assessed / SOH Value	Tax
2019	$1,122,170	$2,400	$1,124,570	$1,124,570	
2018	$1,122,170	$2,400	$1,124,570	$1,124,570	$21,922.86
2017	$1,122,170	$2,400	$1,124,570	$1,124,570	$22,121.04

2019 Exemptions and Taxable Values by Taxing Authority

	County	School Board	Municipal	Independent
Just Value	$1,124,570	$1,124,570	$1,124,570	$1,124,570
Portability	0	0	0	0
Assessed/SOH	$1,124,570	$1,124,570	$1,124,570	$1,124,570
Homestead	0	0	0	0
Add. Homestead	0	0	0	0
Wid/Vet/Dis	0	0	0	0
Senior	0	0	0	0
Exempt Type	0	0	0	0
Taxable	$1,124,570	$1,124,570	$1,124,570	$1,124,570

Sales History

Date	Type	Price	Book/Page or CIN
6/27/2019	SWD-Q	$2,000,000	**115905212**
4/13/2015	WD-D	$550,000	**112968818**
4/11/2013	CET-D	$370,100	**111504159**
6/30/1998	WD	$525,000	**28490 / 547**
3/1/1985	WD	$185,000	**12447 / 39**

Land Calculations

Price	Factor	Type
$33.00	34,005	SF
Adj. Bldg. S.F. (Card, Sketch)		

Special Assessments

Fire	Garb	Light	Drain	Impr	Safe	Storm	Clean	Misc
04						DS		
A								
78						4.2		

BROWARD COUNTY PLANNING COUNCIL

115 South Andrews Avenue, Room 307 ▪ Fort Lauderdale, Florida 33301 ▪ Phone: 954.357.6695

January 19, 2016

RECEIVED JAN 25 2016

Troy N. Townsend, P.S.M., Director of Surveying
Pillar Consultants, Inc.
5230 South University Drive, Suite 104
Davie, Florida 33328

Dear Mr. Townsend:

Re: Platting requirements for a parcel legally described as Lots 5-8, Block G, "Hanson-Nelson Subdivision," according to the Plat thereof, as recorded in Plat Book 3, Page 76, of the Public Records of Miami-Dade County, Florida, said lands lying, situate and being in Broward County, Florida, less the East 8 feet for right-of-way purposes. This parcel is generally located on the west side of Federal Highway/U.S. 1, between Northwest 3 Street and Northwest 4 Street, in the City of Dania Beach.

This letter is in response to your correspondence regarding the Broward County Land Use Plan's platting requirements for a proposed non-residential development on the above referenced parcel.

Planning Council staff has determined that replatting is **not** required by Section D.2, Chapter IV, of the Broward County Land Use Plan for the proposed development, subject to compliance with any applicable Broward County Trafficways Plan requirement.

As per the criteria of Section D.2, replatting is required for the issuance of building permits when constructing a non-residential or multi-family development, unless all of the following conditions are met:

a. The lot or parcel is smaller than 5 acres and is unrelated to any adjacent development;

b. The lot or parcel has been specifically delineated in a recorded plat;

c. All land within the lot or parcel which is necessary to comply with the County Trafficways Plan has been conveyed to the public by deed or easement; and

d. The proposed development is in compliance with the applicable land development regulations.

The subject parcel is less than 5 acres (approximately 0.8 acres) and meets the specifically delineated requirement. This platting interpretation is subject to the municipality finding that the proposed development is unrelated to any adjacent development, as noted in "a." above.

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Some jurisdictions may be more restrictive and require platting in more situations than the Broward County Land Use Plan. The City of Dania Beach's platting requirements should be investigated.

The contents of this letter are not a judgment as to whether this development proposal complies with the Broward County Trafficways Plan, permitted uses and densities, local zoning, the land development regulations of the municipality or the development review requirements of the Broward County Land Use Plan, including concurrency requirements.

If you have any additional questions regarding the Broward County Land Use Plan's platting requirements, please contact Dawn Teetsel, Associate Planner, at your convenience.

Respectfully,

Barbara Blake Boy
Executive Director

BBB:DBT

cc: Robert Baldwin, City Manager
City of Dania Beach

Marc LaFerrier, AICP, Director, Community Development Department
City of Dania Beach

DANIA BEACH
SEA IT LIVE IT LOVE IT.

ty of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

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OCT 03 2019

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☒ Site Plan ~~modification~~
- ☐ Special Exception
- ☐ Variance
- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: (SP-145-19)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: see attached survey legal

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: See attached.

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Site plan modification. See attached narrative.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Oh
Notary Public
New Jersey
My Commission Expires 08-02-2020
No. 2398863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach
APPLICATION TYPE AND FEE SCHEDULE

INCOMPLETE SUBMITTALS ARE NOT ACCEPTABLE FOR REVIEW AND PROCESSING.

The following fees shall apply to all applications for land use plan amendments, rezoning, special exception use, variances, site plans and other zoning related applications. These fees are used to defray staff cost in the evaluation of the proposal made and provide for the required notices and public advertisements according to Florida State Statute and the Dania Beach Land Development Code. Should any applicant have more than one type of request to the City, the applications involved should be submitted at the same time. The present City policy is to have concurrent reviews being processed before the final review and actions by the Planning and Zoning Board and/or City Commission. It is the obligation of all applicants to review the appropriate City Codes and design standards related to their proposal before making any application to the City. The standard review process for all development applications are two (2) review cycles. **Any additional review or public notice required by staff or professional consultants due to the incorrect interpretation of the Land Development Code will be charged to the applicant as per "Section 685-10 Cost Recovery for Development Review" of the Dania Beach Land Development Code.**

APPLICATION TYPE	FEE
LAND USE	
Assignment of Flex Units or Acreage	Filing fee = $4,000.00 plus $5.00 per flex, reserve or LAC/RAC unit or hotel room or $100 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
Change of Land Use	Filing fee = $7,000.00, plus $500.00 per acre or portion of area *Includes Staff processing, 2 review cycles, advertising and notice costs*
ZONING	
Change of Zoning (Rezoning)	Less than 2 acres - $2,500.00 Greater than 2 acres - $6,000.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Zoning Code Text Change	Changing the list of Permitted Uses - $6,000.00 General Text - $2,000.00 Includes Staff processing, 2 review cycles, advertising and notice costs
PLAT	(Perimeter) Filing fee = $2550.00 plus $50.00 per acre or portion of such area (Subdivision) Filing fee = $2550.00 plus $100 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
Delegation Request	$1,500.00 *Includes Staff processing, 2 review cycles, advertising and notice costs*
SITE PLAN	
Residential, Hotel, Condo-Hotel, Time-Share, Motel	**Filing fee** = $1,000.00 **PLUS** $10.00 per unit **Plus** an initial retainer for cost recovery of consultant services of $5,000.00. Additional consultant service fees may be required. **Minimum fee = $6,100.00** *Includes Staff processing, 2 review cycles, advertising and notice costs*
All other uses	**Filing fee** = $1,000.00 **PLUS** the following: $5.00 : 100 s.f. for 1st 10,000 s.f., $2.00 : 100 s.f. in excess of 10,000 s.f **Plus** an initial retainer for cost recovery of consultant services of $4,000.00. Additional consultant service fees may be required. **Minimum fee = $5,500.00** *Includes Staff processing, 2 review cycles, advertising and notice costs*
Site Plan Revisions 2500.00	$2,500.00 - *Includes staff processing and up to 2 review cycles.* *Additional variances associated with any revision to a site plan are charged according to the associated variance type.*
Extension of Approval(s) (Site plan, variance, special exception requests)	$1,250.00 – Single Extension (**PLUS**) an additional $ 250.00 for each associated approval

City of Dania Beach
APPLICATION TYPE AND FEE SCHEDULE

INCOMPLETE SUBMITTALS ARE NOT ACCEPTABLE FOR REVIEW AND PROCESSING.

The following fees shall apply to all applications for land use plan amendments, rezoning, special exception use, variances, site plans and other zoning related applications. These fees are used to defray staff cost in the evaluation of the proposal made and provide for the required notices and public advertisements according to Florida State Statute and the Dania Beach Land Development Code. Should any applicant have more than one type of request to the City, the applications involved should be submitted at the same time. The present City policy is to have concurrent reviews being processed before the final review and actions by the Planning and Zoning Board and/or City Commission. It is the obligation of all applicants to review the appropriate City Codes and design standards related to their proposal before making any application to the City. The standard review process for all development applications are two (2) review cycles. **Any additional review or public notice required by staff or professional consultants due to the incorrect interpretation of the Land Development Code will be charged to the applicant as per "Section 685-10 Cost Recovery for Development Review" of the Dania Beach Land Development Code.**

SPECIAL EXCEPTION	
SPECIAL EXCEPTION (Excluding cell towers)	Filing fee = $3,700.00 plus $200.00 per acre or portion of such area *Includes Staff processing, 2 review cycles, advertising and notice costs*
SPECIAL EXCEPTION *(Cellular Towers)*	Filing fee = $4,000 *Includes Staff processing, 2 review cycles, advertising and notice costs*
Additional Resubmittal (In addition to the standard (2) review cycles)	Any additional review or public notice required by staff or professional consultants due to the negligence of the applicant will be charged to the applicant as per Article 685-10 Cost recovery for Development Review of the Dania Beach Land Development Code.
VARIANCES, APPEALS & WAIVERS	
Administrative, Single Family	$ 300.00
Administrative, all other	$ 500.00
Single Family/Community Facility	$ 490.00
Duplex	$1,050.00
Triplex	$1,150.00
Multifamily, Hotel, Condo-Hotel (per variance)	$2,300.00
Nonres. (per variance)	$2,000.00
Wall Sign	$ 700.00
Monument Sign	$1,200.00
Pole Sign (As permitted)	$2,400.00
Appeal (single family & comm fac)	$ 650.00
Appeal (all other uses)	$1,925.00
Dumpster Appeal to Com. Dev. Dir.	$ 200.00
Dumpster Appeal to City Com.	$ 500.00
Alcoholic Beverage Variance	$1,250.00
Mobility	$1,400.00
Trafficway Waiver	$4,000.00
Vacation – Road/Easement	$3,500.00
Alcohol Extended Hours License Application	$2,250.00
Alcoholic Beverage Waiver	$1,000.00
Zoning Review: State Liquor License	$ 50.00
Outdoor Seating/Dinning	$ 100.00
Assisted Living Facility	$ 65.00
CRA Grant Application	$ 250.00
UNSPECIFIED	$ 500.00 **PLUS** any outside costs incurred by the city as per "Section 685-10"
Zoning Information Letter	$ 250.00

Revised – 8-23-11 As per City Commission Approval Resolution #2011-090

AVID HOTEL
321 N. Federal Highway

Project Narrative

The subject site is a +/- 0.78 gross-acre property generally located on the west side of Federal Highway/US1 south of Griffin Road in the City of Dania Beach.

The subject site is currently vacant. A site plan (SP-75-15) to construct a 6-story, 108-room hotel was previously approved for the site. The applicant is seeking a site plan modification to adjust certain elements as depicted on the enclosed plans, including the reduction of hotel rooms from 108 rooms to 105 rooms. The subject site is located in the City Center (CC) zoning district where 4 stories are permitted by right. The planned hotel is 6 stories. The applicant proposes to achieve the additional 2 stories by utilizing the City's height bonus incentive through the provision of a public park fee as outlined in Section 305-70 (B).

Additionally, the applicant is seeking a parking reduction and is providing the enclosed parking analysis which outlines the proposed alternative parking standard and transportation demand management strategies.

RECEIVED
OCT 03 2019
BY:

AGENDA
COMMUNITY DEVELOPMENT DEPARTMENT
DEVELOPMEMT REVIEW COMMITTEE
WEDNESDAY, NOVEMBER 27, 2019

ANY PERSON WHO DECIDES TO APPEAL ANY DECISION MADE WITH REGARD TO ANY MATTER CONSIDERED AT THIS MEETING OR HEARING WILL NEED A RECORD OF THE PROCEEDINGS, AND FOR SUCH PURPOSE MAY NEED TO ENSURE THAT A VERBATIM RECORD OF THE PROCEEDINGS IS MADE WHICH RECORD INCLUDES THE TESTIMONY AND EVIDENCE UPON WHICH THE APPEAL IS TO BE BASED.

LOBBYIST REGISTRATION REQUIRED - REGISTRATION AS A LOBBYIST IN THE CITY OF DANIA BEACH IS REQUIRED IF ANY PERSON, FIRM OR CORPORATION IS BEING PAID TO LOBBY THE COMMISSION ON ANY PETITION OR ISSUE PURSUANT TO ORDINANCE NO. 01-93. REGISTRATION FORMS ARE AVAILABLE IN THE CITY CLERK'S OFFICE IN THE ADMINISTRATION CENTER.

IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT, PERSONS NEEDING ASSISTANCE TO PARTICIPATE IN ANY OF THESE PROCEEDINGS SHOULD CONTACT the CITY CLERK's office, 100 W. DANIA BEACH Boulevard, DANIA BEACH, FL 33004, (954) 924-6800 ext.3624, AT LEAST 48 HOURS PRIOR TO the MEETING.

IN CONSIDERATION OF OTHERS, WE ASK THAT YOU:
PLEASE TURN CELL PHONES OFF, OR PLACE ON VIBRATE. IF YOU MUST MAKE A CALL, PLEASE STEP OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.
IF YOU MUST SPEAK TO SOMEONE IN THE AUDIENCE, PLEASE SPEAK SOFTLY OR GO OUT INTO THE ATRIUM, IN ORDER NOT TO INTERRUPT THE MEETING.

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1. **9:00 A.M.** — **SP-101-10, ACG GROUP**
   SW 36 STREET, 3RD REVIEW

2. **9:30 A.M** — **PL-162-19, DANIA BEACH MARINA (PLAT)**
   70 S BRYAN ROAD, 1ST REVIEW

3. **10:00 A.M.** — **SP-145-19, AVID HOTEL**
   321 N FEDERAL HIGHWAY, 2ND REVIEW

4. **10:30 A.M.** — **PL-99-19, GRIFFIN LIVING (PLAT)**
   2730 & 2750 GRIFFIN ROAD, 4850 SW 28 AVENUE,
   SW 27TH TERRACE, 2ND REVIEW

5. **11:00 A.M.** — **SP-102-19/ RZ-103-19 SEVEN OAKS**
   2900 SW 45 STREET, 3RD REVIEW

If you are unable to attend the meeting or you need any further information please email or call:

Corinne Lajoie at (954) 924-6805 x 3704 or clajoie@daniabeachfl.gov
Daniel Lozandier at (954) 924-6805 x 3793 or dlozandier@daniabeachfl.gov

Avid
145-19

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

COMMUNITY DEVELOPMENT DEPARTMENT
DEVELOPMEMT REVIEW COMMITTEE
THURSDAY, OCTOBER 30, 2019

NAME (Please Print)	EMAIL	JOB NAME
Muriel Bryan	mbryan@daniabeachfl.gov	city
Jake Ripp	Jacob.ripp@metriceng.com	Metric - landscape
JOSE RAMOS	RAMOS8837@COMCAST.NET	ACG
TIM CHANDLER	TIM@TIMCHANDLER.US	A GC
Corinne Lajoie	clajoie@daniabeachfl.gov	City
Ilan Lanior	ilanor@daniabeachfl.gov	City
Manny Vega	engineeringreview@dania...	City
David Zipoli	david_zipoli@sheriff.org	BSO FD
Nikki Wilson	nikkiwilson93@gmail.com	Dania Beach Marina
SEAN WALSH	SWALSH@ADACHE.COM	AVID HOTEL
EDWARD KHOURY	EKHOURY@ADACHE.COM	AVID HOTEL
DIEGO FERNAEZ	dferaez@comerlat.com.mx	AVID HOTEL
Kelly Ray	Kray808@bellsouth.net	AVID
JASON WILSON	jason@pillarconsultants.com	AVID.
Jane Sarno	jane@julicelandsurveyors.com	Griffin Living
Elizabeth Tsourouk dissian	elizabeth@julicelandsurveyors.com	Griffin Living
Alan Szykowski, AIA	[illegible]	7 Oaks.
STEVEN HATZIDAKIS	SHATZIDAKIS@SYKALOWSKI.COM	7 OAKS
NATALIA BARRANCO	NATALIA@B-RLA.COM	7 OAKS.
Robert Ross	RROSS@Rossengineers.com	7 Oaks

Corinne
DRC Notes
11-27-19

October 21, 2019 / November 18, 2019

AVID Hotel SP-145-19 (2nd Review)

Subject: DRC ENGINEERING COMMENTS

TIER 1:

1.- Please, provide a revised Topographic and Boundary Survey showing property, BBL, ROW, CL and ROW lines and dimensions on N. federal Hwy. Clarify, dimensions of C.L. dimension and leveling N. federal Hwy. Also, include existing elevations on N. Federal Hwy – US 1 especially at point of connections between existing ROW and proposed driveways. Provide Flood Zone with BFE.

R.- The Topographic Survey shows the BBL, ROW, CL and ROW lines with full dimensions of Federal Highway. Elevations are shown at all connections.

C.- Clarify Scale does not Match 1' =20' on First Survey provided.

2.- Show in Site plan dimensions matching survey along property lines.

A sight distance at intersections is pending to be shown distances based on speed and number of lanes within distances as per FDOT IDEX No. 546 Tables, also at driveway show sight triangle of 25'on ROW line.

R.- The Site Plan now matches the survey. Sight distance triangles are shown on the site plan and civil sheets.

C.- Clarify 8' FDOT Easement Dedication plus 5' FDOT Easement Dedication on Site and Civil Drawings.

Sight Triangle of 25'X 25' blocked by building and may be by Trees. Show "d, dl and dr "distances with speed and number of lanes as per as FDOT Table on Civil Plans.

~~3.- Show width dimensions at driveways and/or ingress-egress of minimum 25' width.~~

R.- The width dimension of 20' has been added to the Civil Plans. A variance will be requested , see attached.

~~4.- Show dimensions of sidewalks, swales, pavement improvements and other areas along the property on the ROW.~~

R.- Improvement along the ROW have been labeled. These include 5' concrete sidewalk with F-curb, along with entrance improvements. See sheet A-1.0 Site Plan for dimensions as well.

~~C.- Pending to be provided prior to issuance of Building Permit FDOT Permit .~~

5.- A Traffic Impact Study was provided. Traffic Statement estimate – Trip Generation Rate(s) Report - gross peak hour trip, based on the latest ITE Manual (10th edition or latest only). The Traffic Impact Study shall be prepared using the roadway level of service standards and trip generation rates. A traffic study shall be prepared in accordance with methods outlined in Transportation Impact Analysis for Site Development, latest editions of the following: An ITE Recommended Practice (RP-020D) published by the Institute of Transportation Engineers, 2010; the 2014 FDOT Transportation Site Impact Handbook; 2013 FDOT Quality/Level of Service Handbook; the 2014 Broward County Comprehensive Plan – Transportation Element; the City of Dania Beach Land Development Code and other related published literatures.

Also, provide an analysis and conclusion that this development will not deteriorate the level of service on adjacent roads; if that's the case otherwise provide mitigation measures. It must be approved by the Deputy Director/City Engineer of the Public Works Department.

R.- Please see attached Traffic Report.

C.- It was not found attached , please provide additional copy to Public Services Division.

To be Emailed for Marjory's Review

~~6.- If pedestrian lightning is proposed/required, discuss the possibility of the addition of ped lightning along the City / County /State ROW. Identify on plans location and details of proposed street lights~~

R.- Additional pedestrian is not being proposed.

7.- Show anticipated vehicles per day for each driveway connection on Civil Site plan(s).

R.- Anticipated daily trips have been added to the civil plans.

C.- Please identify sheet , it was not found.

~~8.- A preliminary Paving, Grading and Drainage Plan was provided. Please include the sizes and dimensions of all storm-water infrastructures. Please be advised that all storm drains shall be constructed with RCP piping in the City ROW. Provide table of drainage structures. Entire property including driveway aprons and swales must be graded such that rainwater is contained within property and not in the FDOT, BC, City ROW and/or neighboring properties.~~

R.- Please see Civil sheet C-1 for paving and grading plan. Included are all sizes and pipe materials for storm-water infrastructure. There are no drainage pipes proposed within the right of way. All storm rur-off is being held on site.

C.- Please, clarify directions of Invert Elevations on C-1, C-4 and if connected. See mark ups.

~~9.- Provide drainage calculations and geotechnical information supporting the proposed drainage design system.~~

R.- Please see attached drainage calculations and geotechnical report.

~~10.- Provide a copy of pre –and- post development storm-water management and drainage calculations. The City specifically needs the following information: 10-year, 25-year, and 100-year 24-hour and 72-hour flood stage elevations respectively.~~

R.- Please see attached drainage calculations including pre vs post for 10, 25 and 100 year storm events.

~~11.- Provide an on-site drainage system – plan- along with storm-water management calculations (signed and sealed by a registered professional engineer). The calculations shall show how the minimum road crown and finished floor elevations are met, and how the 25-year, 3 day storm event is maintained onsite with zero discharge to the ROW and adjacent properties. The site must store at least the 25-year, 3 day event onsite with NO EXECPTIONS.~~

R.- Please see attached drainage calculations.

~~12.- Show that proposed grading and drainage plan shall be based on the storm-water management calculations. Identify in plans results from calculations.~~

R.- Please see sheet C-1 showing storm water management elevations. The site design is based on these requirements.

~~13.- Storm-water quality design shall be provided in the amount of 2.5 inches times the percent impervious or the first 1 inch of rainfall over the entire site whichever is greater.~~

R.- Please see drainage calculations. Storm water quality in the amount of 2.5 inches times impervious is being provided within the exfiltration trench.

14.- Clarify FFE provided and show reference flood elevations from calculations on plans.

R.- The storm water management elevations have been added to sheet C-1. The FFE provided is above the 100-year stage of 12.97 NAVD.

~~15.- A preliminary Water and Sewer –Utilities – Plan was provided. Please, include any existing water main, force mains, gravity, mains, etc. (Show all material & pipe sizes on the plan). Please be advised that all water main shall be constructed with DIP piping in the City ROW.~~

R.- Please see attached Civil sheet C-4 for water and sewer design. All piping within city right of way is DIP.

~~16.- In compliance with Article 805. CONCURRENCY OF DETERMINATIONS of the City Code of Ordinances, applicants shall provide projected water demand, sewage and solid waste generation~~

~~amounts in tabular format on the water and sewer – utilities – plan. Provide along with calculations of projected generated amounts to support data.~~

R.- Please see sheet C-4 for water, sewer and solid waste projected demand.

~~17.- Provide ADA parking, access / driveway, and sidewalks /ramps in accordance with Chapter 553 of the Florida Statutes. "Accessibility of Handicapped Persons" and latest edition of "Accessibility Requirements Manual" by Department of Community Affairs, Florida Board Building Codes and Standards, and in accordance with Americans with Disability Act (ADA). Be advised that ADA van accessibility for structured parking garages (including automated parking) shall be provided as appropriate and consider the taller specialized ADA vehicles.~~

R.- Please see Civil sheet C-1 showing handicap parking and accessible route to building in accordance with ADA.

18.- See mark ups.

R.- Acknowledged.

<u>TIER 2:</u>

~~1. Provide copies of approved documentations – permit/license – from FDOT, City of Dania Beach, Broward County and others of driveway connection (As applicable).~~

R.- Noted.

~~2. Identify changed of PC of the cub radii at the D/W such that PC's intersect at the new EOP.~~

R.- Noted.

~~3.- Provide Maintenance of Traffic (MOT) to be reviewed /approved by Public Works Department and/or FDOT (As applicable).~~

R.- Noted.

~~4. Provide a proposed "Staging Plan", including employee parking, material storage, etc.~~

R.- Noted.

~~5. Provide typical cross sections and section profiles along all property lines, and show how the existing and proposed grades will tie to one another, including structures. Also, show spot elevations and the perimeter (property lines) on the Paving and Grading Plan. Provided see mark ups.~~

~~Any road cuts for utilities, curb cuts and/or others with the City ROW shall be restored to full lane width for 50' minimum length centered on the proposed cut.~~

R.- Noted.

~~6. Provide approval(s) of improvements - sidewalk, swales, and pavement - into ROW.~~

R.- Noted.

~~7. Per Dania Beach Code of Ordinances (Article 415 – Sidewalks and Swales), owner is responsible for sidewalks and swales improvements within the road ROW.~~

R.- Noted.

~~8. Be advised that the applicant shall not be authorized to connect the on-site drainage system to those within the public ROW of FDOT, BCHCED, and/or the City. Provide authorization as appropriate from FDOT, BCHCED, City of Dania Beach and/or others for the existing and proposed connections between the on-site drainage system and public ROW.(if applicable)~~

R.- Noted.

~~9. Identify/Provide location of building roof drains, and their proposed connection(s) to the on-site drainage system (If Applicable).~~

R.- Noted.

~~10. Provide the proposed post-construction disposition of the existing drainage system in the R/W.(If applicable)~~

R.- Noted.

~~11. A Well is proposed for a drainage structure please provide conceptual acceptance by FDEP.~~
R.- Noted.
~~12. If an Inlet structure is relocated please provide conceptual FDOT, BCHCED and/or City acceptance.~~
R.- Noted.
~~13. Provide an engineering report by a licensed Professional Engineer in the State of Florida to verify the structural integrity and operation of the existing drainage system (if applicable).~~
R.- Noted.
~~14. Drainage shall adequate to protect rooms in new structures designed for occupancy from the 100-Year flood based on FEMA.~~
R.- Noted.
~~15. Please, show in Cross Sections drainage structures and others (As necessary)~~
R.- Noted.
~~16. All structures shall be constructed with a lowest FFE of at least 1 foot above the 100 year flood elevation taking the most severe criteria. Please, identify on plans.~~
R.- Noted.
~~17. Provide a complete proposed water and sewer – utilities – plan, indicating all water and sewer appurtenances including but not limited to point of connection to the existing system, cleanout, water meter, check valve, etc.~~
R.- Noted.
~~18. Provide utility piping conflict plan, along with documentation to demonstrate acceptability of the separation between water, sanitary, storm water service lines.~~
R.- Noted.
~~19. Meet with Public Services, separately, to discuss water and sewer connections. Request meeting through the Deputy Director / City Engineer.~~
R.- Noted.
~~20. Please, show all existing and proposed utilities on the landscaping plans for potential conflicts.~~
R.- Noted.
~~21. Label all water and sewer structures on the plan (providing a legend is not adequate enough)~~
R.- Noted.
~~22. Provide copies of approved documentations - permit/license - from FDOT, City of Dania Beach, Broward County and others of utilities connections.(As applicable)~~
R.- Noted.
~~23. Pavement, Marking and Signage Plan: A preliminary was provided.~~
R.- Noted.
~~24. Pending a complete a Pavement, Marking and Signage Plan with details.~~
R.- Noted.
~~25. In Signage and marking plan, include the radii and all landscaping and pavement areas.~~
R.- Noted.
~~26. A preliminary Erosion and Sediment Control Plan shall be reviewed for the drainage impacts to adjacent properties, surrounding ROW, storm water facilities, and neighboring water bodies.~~
R.- Noted.
~~27. Provide regulatory agencies' approval documentation (as applicable) as part of the final submittal (Broward County Surface Water License, Broward County Health Department Permit, etc.)(as required)~~
R.- Noted.
~~28. This project must be reviewed and approved by FAA and Broward County Aviation Department. The point of contact is William Castillo, Airport Planner located at 220 SW 45th Street, Suite 101, Dania Beach, Florida, 33312, (954) 359-6100.~~
R.- Noted.

~~29.- The contractor must comply with the Closeout notes on General Notes . Prior to the Placement of any asphalt or concrete pavement, the contractor shall submit to the Engineer " As-Built" plans showing Limerock Base Grades and subgrades , all drainage , water and sewer improvements . Paving operations shall not commence until the Engineer has reviewed and approved the " As- Builts". Contractor shall provide, before issuance of C.O., to the Engineer and City of Dania Beach " a CD with As-Built drawings of the project giving horizontal and vertical dimensions of all structures and their connections signed and sealed by a registered surveyor.~~

R.- Noted.

~~30.- For ease of review, please reply in writing to each line comment, reference drawing number and/ or backup documents provided. Additional comments may be generated on further review, revised submitted plans and other submittals.~~

R.- Noted.

Engineering Reviewer:

Manny Vega, PE
Consultant, CAP Government
enginerringreview@daniabeachfl.gov

BROWARD SHERIFF'S OFFICE
Department of Fire Rescue & Emergency Services
Fire Marshal's Office
Dania Beach District
3 West Dania Beach Blvd. • Dania Beach, Florida 33004
Office: (954)342-4262 • Fax: (954)342-4265

SITE PLAN REVIEW COMMENTS

Date: 11-19-19 **Site Plan No.:** SP-145-19 **Time Required for Review:** 3

Project: AVID Hotel 2nd Review **Sq. Feet:** 48,573

Plan Reviewer: David Zipoli, FPO / Plans Examiner

☐ Approved As Submitted ☐ Denied ☐ Approved With Conditions

☒ Comments Must Be Addressed and Resubmitted Prior to City Commission Meeting

Below are two tiers of comments. Tier one comments must be satisfied prior to site plan approval and public hearing. Tier two comments, if not satisfied during original site plan approval process, must be satisfied at permit for site work.

Be advised that some Tier two comments may affect other disciplines and/or have other significant impacts on the overall site plan. In addition, the Tier 2 comments may impact permit plans with additional time delays to reach resolution at permit. It is strongly advised that all comments (both Tier 1 and Tier 2) below are satisfied prior to site plan approval and public hearing.

Tier 1 COMMENTS

Deficiencies were identified on your plan during our plan review process. Please provide the following:

1. Fire Department Access Information as follows:
   a. Provide the slope (angle of approach / departure) of the driveway aprons – Max 1:20- Didn't fine this on the plan as indicated.

2. Proof of Water Supply & Fire Flow Demand Requirements as follows:
   - Note: There is an error on the flow data provided. NFPA Fire Flow calculations state 48,573 type 1B proving 1750 GPM According to the table that's supposed to be 2500GPM Please verify your water flow.
   a. Fire Hydrant Flow Test
   b. Building Construction Type
   c. Fire Flow Demand per the NFPA 1: 18.4.5.3.1
   d. A completed Application for the Approval of the Fire Protection Water Supply Design (See the last page of this document)
   e. Statement of verification from the design professional of record, on official company letterhead, that the proposed water main sizing, fire hydrant spacing, and fire hydrant locations, are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code. (This document shall bear the seal and signature of the engineer).

Note: L-1 – Provide a note stating that there will be no FDC, Hydrant or backflow's being blocked by trees.

ISO FIRE FLOW CALCULATIONS (PER ISO EDITION 05-2006)

PROJECT:	Avid Hotel
ADDRESS:	321 N. Federal Highway, Dania Beach, FL 33004
DATE:	09/25/2019
CONSTRUCTION:	TYPE 1B (ISO CLASS 5) FIRE SPRINKLERED

NFF = (C)(O)(1+(X+P))

NFF	= NEEDED FIRE FLOW
C	= CONSTRUCTION FACTOR
O	= OCCUPANCY FACTOR
X	= EXPOSURE FACTOR
P	= COMMUNICATION FACTOR

1.) CONSTRUCTION FACTOR (C)

$C = 18F(A)^{0.5}$

A = EFFECTIVE AREA F = 0.6 (CLASS 5)

Total Area Under Roof: A = 6,813 SF (1st floor) + 5 x (50%) 8,352 (2nd - 6th floor) = 27,693 SF

THEREFORE: $C = 18(0.6)(27{,}693)^{0.5}$ = **1,797 ~ 1,750 GPM** (rounded to the nearest 250 gpm)
= **438** (75% reduction per automatic sprinklers)

2500 - 75% = 625 ?

2.) OCCUPANCY FACTOR (O)

O = **1.25** (PER TYPE C5)

3.) EXPOSURE AND COMMUNICATION FACTOR (X+P)

BUILDING INCLUDES AUTOMATIC FIRE SPRINKLER SYSTEM
THEREFORE: X=0 AND P=0

4.) DETERMINING NEEDED FIRE FLOW (NFF)

NFF = (438)(1.25)(1+(0+0)) = 548 GPM ~ 500 GPM (rounded to the nearest 250 gpm)

FLOW PROVIDED

$$Q = Q_{measured}\left(\frac{H_{static}-H_{rated}}{H_{static}-H_{residual}}\right)^{0.54} = 839\text{ GPM}\left(\frac{59\ psi-20\ psi}{59\ psi-53\ psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED ON 09/30/2019 YIELDED A RESULT OF **2,305 GPM AT 20 PSI > 500 GPM (NFF); OK.**

JAY CORLISS EVANS
LICENSE
No. 39251
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JCE 11/6/19

NFPA FIRE FLOW CALCULATIONS

PROJECT: Avid Hotel
DATE: 11/06/2019
ENGINEER: TJP

Per NFPA 1 Section 18.4 Fire Flow Requirements for Buildings

Proposed Building Area: **48,573 SF**
Construction Type/Occupancy: **Type 1B**
Auto Fire Sprinkler: **Yes**, therefore a 75% reduction in Fire Flow is allowed (18.4.5.3.2)

Per Table 18.4.5.2.1 Minimum Required Fire Flow and Duration

1,750 gpm is required for 2 hours (Type 1) Does Not Match CHART
2500
See attached Table 18.4.5.2.1
Reductions:
Required Fire Flow: 1,750 gpm x (1-0.75) = **438 GPM**

FLOW PROVIDED

$$Q = Q_{measured} \left(\frac{H_{static} - H_{rated}}{H_{static} - H_{residual}}\right)^{0.54} = 839 \text{ GPM} \left(\frac{59\ psi - 20\ psi}{59\ psi - 53\ psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED YIELDED A RESULT OF **2,305 GPM AT 20 PSI > Required Fire Flow (438 GPM); OK.**

Table 18.4.5.2.1 Minimum Required Fire Flow and Flow Duration for Buildings

Fire Flow Area ft^2 (x 0.0929 for m^2)					Fire Flow gpm† (x 3.785 for L/min)	Flow Duration (hours)
I(443), I(332), II(222)*	II(111), III(211)*	IV(2HH), V(111)*	II(000), III(200)*	V(000)*		
0–22,700	0–12,700	0–8200	0–5900	0–3600	1500	
22,701–30,200	12,701–17,000	8201–10,900	5901–7900	3601–4800	1750	
30,201–38,700	17,001–21,800	10,901–12,900	7901–9800	4801–6200	2000	
38,701–48,300	21,801–24,200	12,901–17,400	9801–12,600	6201–7700	2250	2
48,301–59,000	24,201–33,200	17,401–21,300	12,601–15,400	7701–9400	2500	
59,001–70,900	33,201–39,700	21,301–25,500	15,401–18,400	9401–11,300	2750	
70,901–83,700	39,701–47,100	25,501–30,100	18,401–21,800	11,301–13,400	3000	
83,701–97,700	47,101–54,900	30,101–35,200	21,801–25,900	13,401–15,600	3250	
97,701–112,700	54,901–63,400	35,201–40,600	25,901–29,300	15,601–18,000	3500	3
112,701–128,700	63,401–72,400	40,601–46,400	29,301–33,500	18,001–20,600	3750	
128,701–145,900	72,401–82,100	46,401–52,500	33,501–37,900	20,601–23,300	4000	
145,901–164,200	82,101–92,400	52,501–59,100	37,901–42,700	23,301–26,300	4250	
164,201–183,400	92,401–103,100	59,101–66,000	42,701–47,700	26,301–29,300	4500	
183,401–203,700	103,101–114,600	66,001–73,300	47,701–53,000	29,301–32,600	4750	
203,701–225,200	114,601–126,700	73,301–81,100	53,001–58,600	32,601–36,000	5000	
225,201–247,700	126,701–139,400	81,101–89,200	58,601–65,400	36,001–39,600	5250	
247,701–271,200	139,401–152,600	89,201–97,700	65,401–70,600	39,601–43,400	5500	
271,201–295,900	152,601–166,500	97,701–106,500	70,601–77,000	43,401–47,400	5750	
Greater than 295,900	Greater than 166,500	106,501–115,800	77,001–83,700	47,401–51,500	6000	
		115,801–125,500	83,701–90,600	51,501–55,700	6250	4
		125,501–135,500	90,601–97,900	55,701–60,200	6500	
		135,501–145,800	97,901–106,800	60,201–64,800	6750	
		145,801–156,700	106,801–113,200	64,801–69,600	7000	
		156,701–167,900	113,201–121,300	69,601–74,600	7250	
		167,901–179,400	121,301–129,600	74,601–79,800	7500	
		179,401–191,400	129,601–138,300	79,801–85,100	7750	
		Greater than 191,400	Greater than 138,300	Greater than 85,100	8000	

*Types of construction are based on NFPA 220.

†Measured at 20 psi (139.9 kPa).

Landscape Plan Review: AVID Hotel

PZ Log Number: SP-145-19 **Review Number:** 2

Reviewer: Jake Ripp **Date:** November 21, 2019

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

The following comments are based on a review of the landscape plans dated November 8, 2019 for the property located at 321 N Federal Highway, Dania Beach, for compliance with the City of Dania Beach Code of Ordinances.

INFORMATIONAL NOTES:

i. **Please provide a point-by-point response to each of the below comments.**
ii. Feel free to contact Jake Ripp at (305) 235-5098, (563) 380-6211, or jacob.ripp@metriceng.com for an interim review prior to your next official submittal, to expedite your landscape plan approval process.
iii. Once landscape plans are finalized, a PDF copy must be submitted via CD or email.

COMMENTS:

1. The 1.5 multiplier required by Sec. 825-100(A)(5) was removed from the invasive species canopy mitigation correctly, however, it was also removed from the canopy mitigation of non-invasive species such as the live oak and the gumbo limbo. Add the required 1.5 multiplier to the non-invasive species.
2. Comment not addressed: On sheet L-2, provide the canopy (in SF) for every existing tree on site. Add an additional column for canopy (SF) to be removed.
3. Comment not addressed: The proposed plan does not appear to satisfy Sec. 307 streetscape requirements. Street trees are required per Sec. 307-20 and the Community Redevelopment Plan referenced therein. Provide a variance for this code section if it cannot be obtained on-site.
4. The tree replacement price for the Category II invasive palms must include the 2.7 installation multiplier. The total mitigation for the Category II invasive species should be $15,795.00 ($5,850.00 x 2.7).
5. Repeat comment: The note was not added to the plan. Provide a note that root barrier will be installed for any tree or palm planted within 10 feet of any sidewalk, hardscape, or parking area per Sec. 275-190(O).
6. There is no VUA buffer provided on the western perimeter of the site. A VUA perimeter landscape buffer is required per Sec. 275-90(C) and shall be a minimum of 5 feet wide with 1 tree every 40 linear feet and a continuous hedge. Provide a variance for this code section. Already Submitted
7. Four CSG10 (orange geiger) trees are proposed on the north property line, however, these trees are no included on the Master Plant List on sheet L-3. Clarify what species these trees are.

END OF COMMENTS

Site Plan AVID SP-145-19 11-21-19

Zoning designation =City Center (CC)
FLU designation = RAC
REVIEW COMPLETE BY Corinne Lajoie (954) 924-6805 X 3704
2nd review

SITE PLAN COMMENTS:

1. **Incomplete information was provided. Further review and comment will be conducted by staff after additional information is provided by the applicant. See comments below.**

2. **APPLICATION: Payment missing for 1 Variance and 3 Design Variations**

3. **Must submit application, application fee, justification statement based on criteria identified in the LDC, and any other documentation necessary for all Variances, Special Exceptions, Waivers, Design Variations, etc needed for the project at time of Site Plan Submittal. Failure to do so will result in delay of the project. 2nd time requested.**

4. ~~PLATTING: Provide letter from Broward County identifying whether this property needs to be platted or replatted.~~

5. ~~RIGHT-OF-WAY: Identify if R-O-W dedication is required. Per Broward County Trafficway Map, a 92' ROW on Federal Highway is required at this location. Confirm compliance.~~

6. ~~TRAFFIC STUDY: per Section 605-30(K), a traffic study is required for all development generating in excess of 50 peak hour trips. Provide estimated number of peak trips.~~

7. ~~UTILITIES: Identify projected water, sewer and solid waste demand for the project. Must provide documentation from Public Services stating capacity is available to meet the projected demands prior to public hearing.~~

8. ~~IMPACT FEES: Impact fees that will be required for the project are attached for reference.~~

9. ~~SIGNS: Provide copy of all signs for compliance review. Per Section 505-90(O) monument sign is not permitted. Revise the plans accordingly.~~

10. Per Section 505-90(V) No sign is permitted on the south or north elevation. ~~Remove~~ or ~~request a variance. A variance request requires submittal of an application, an application fee of $2,000 for each requested variance, and a written justification~~ statement addressing the variance criteria ~~identified in Sec. 625-40 of the City's LDR's. Must be addressed with next submittal.~~
VARIANCE – VA-161-19 Confirm sign criteria N & S wall on non street & size.

11. Per Section 505-90(C) must identify cumulative sign area and deduct proposed s.f. of each proposed sign. ~~Identify if tabular form~~. Revise Cumulative Sign Area table to identify maximum permitted.

12. ~~Per Section 505-90(V)(1) Provide linear frontage of building to determine size of wall sign permitted.~~

13. ~~Per Section 505-90 (D) & 505-40(L) maximum square footage for a plaque sign is 2.25s.f; identify dimension of proposed on plans.~~

14. The proximity to the airport will be required ~~FAA~~ & BCAD review and approval. Contact William Castillo, Airport Planner with Broward County Aviation Department, located at 2200 SW 45 Street, Suite 101, Dania Beach, FL 33315, (954) 359-6100. 2nd time requested.

15. **PARKING:** Applicant is proposing:
    - Alternative Park Standard = reducing to 72 parking spaces required.
    - Transportation Demand Management (TDM) Strategies = less 10% = 65 parking spaces required

- Per Section 265-91(C), to utilize the TDM parking reduction the applicant "shall provide details of the TDM strategies which are being proposed along with the respective parking reduction for each strategy." The information shall detail:
  - Cost
  - Schedule
  - Monitoring plan
  - Identify a TDM coordinate who will be responsible for the TDM program; &
  - Other specifics of the respective strategy, as requested by the City.

See TDM Report.

- Identify on site plan location of "priority employee parking' on site plan.
- ~~Payment in Lieu = $45,500 (7 X 6,500)~~

16. Per Section 265-150(E) minimum access width dimension at street for 2-way movement is 25'. Revise accordingly.
    VARIANCE – VA-157-19 payment of $2,000 due with next submittal.

~~17. Per Section 265-20(A) minimum parking space width is 9'. Sheet A-4.2 shows 8'6". Revise accordingly.~~

~~18. Per Section 265-110(I)(2) Parking space striping with a single strip not 2. Revise detail on Sheet A-4.2 accordingly.~~
Per Section 265-120 Maximum of 10% (8.4 spaces) of required parking can be valet; 11 valet spaces are proposed.
VARIANCE VA-159-19

~~19.~~ Per Section 265-14(C) "The clearance between a parking space and wall or other solid obstruction shall be a minimum of 2.5'". ~~Parking spaces #49, 54, & 56 do not meet code. Revise accordingly.~~
VARIANCE – VA-158-19

~~20. Per Section 265-110(H)(2) Type "D" or "F" curbing is required. Identify location on site plan and provide detail.~~

~~21. HIEGHT: Per Section 303-40(Q), Figures 303-10 and 304-30, allowable height is based on proximity to residential and FEC railroad. Provide illustration showing building mass is outside of the 1:6 slope. Provide illustration with next submittal.~~

22. TIER 1 - HEIGHT: Per Figure 303-10, 4-stories permitted by right. Additional height may be earned through the use of incentives. Must identify which incentives are proposed and what is earned on site plan and provide details to confirm compliance. 2nd time requested.

~~23. Provide minimum bicycle parking requirements identified in Section 265-51.~~

~~24. ROOFTOP MECHANICAL EQUIPMENT: Must meet regulations in Section 220-60. Identify how equipment will be screened from view.~~

25. ~~Principal Arterial Design Standards/Industrial Design Standards~~.

~~26. COST RECOVERY: per Article 685, cost recovery funds may be utilized for various costs of the city's administrative and outside fee consultants for the processing and review of applications. Per City Attorney's request, please provide $5,000 cost recovery fee with next submittal. The cost recovery money can be returned if not utilized, or additional fees may be requested if addition fees are incurred.~~

~~27. PARK IMPACT FEES: per Resolution~~

28. RAC TRAFFIC IMPACT MITIGATION: Provide an analysis, signed and sealed by a certified engineer, identifying the amount of CRA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of $21.26 per p.m. peak hour trip. Per The Traffic Impact Statement prepared by Pillar Consultants, Inc. dated 9-25-19 the PM peak # of trips is 53, therefore the applicant must pay $1,126.79 (53 X $21.26) prior to issuance of a building permit.

~~29. Per Resolution No. 2015-071, $1,825.00 per Single Family/Townhouse dwelling, $1,364.00 per Multifamily Dwelling, $1,140.00 per Mobile Home must be paid for Recreation and Open Space Impact Fee at time of building permit issuance.~~

30. Must provide latest revised set of plans on disk prior to going to public hearing.

31. For the purpose of evaluating flood and roadway conditions and mitigation related to the future development project, all topographic information will include LIDAR spot elevations within 150' of the subject property boundaries.

32. The applicant is encouraged to contact neighbors adjacent to, as well as condominiums and neighborhood associations to advise of this property. Please provide acknowledgement and/or documentation of any public outreach as a separate document to be added to the file.

~~33. For any building 5-stories or greater, provide a shadow study identifying how adjacent properties will be affected.~~

Marjory Craig

34. TIER 1 - Applicant must obtain a statement from the City Engineer saying that the traffic study/statement submitted by the applicant is complete and accepted prior to public hearing.

Marjory Craig

35. TIER 1 - Applicant must obtain statement from the City Engineer, stating that adequate water supply exists for this project prior to issuance of a building permit.

~~36. For all projects resulting in buildout of the site, such that construction staging cannot occur on site, must obtain Staging Plan approval by the Community Development Director prior to issuance of a building permit. The Staging Plan must include, but is not limited to, location of equipment and material during construction.~~

~~37. For all projects resulting in buildout of the site, such that construction staging cannot occur on site, the applicant must obtain Maintenance of Traffic Plan approval by the City Engineer for period of construction prior to issuance of a building permit.~~

38. TIER 1 - Please e-mail resolution and legal description, prepared by an attorney, for development approval in word format to clajoie@daniabeachfl.gov four (4) weeks prior to public hearing.

39. TIER 1 - Must provide mailing list and labels for property owners within 450' of the development site to Community Development, consistent with regulations identified in the City's Code of Ordinances, Chapter 28, Section 610-30. The labels are needed 30 days prior to public hearing, information must be no older than 60 days. The City will prepare and mail the notices.

40. Per O-2017-022, for properties over an acre in size, the applicant must obtain and post property signs in accordance with the NEW City requirements. Please see the end of this document for guidelines.

41. Per O-2017-027 & O-2018-019, commercial properties under construction are required to provide security to fencing with screening showing project rendering covering at least 75% of the length of the fence along an arterial or state right-of-way & 25% for local roads and must include name and intended use of the project, project rendering, project website address, and owner or agent, the telephone number for the owner or agent, and the name and an emergency contact telephone number of the general contractor. Use of City logo/seal requires City Commission approval. Provide screen detail with next submittal. 2nd time requested.

~~42. Per Section 290-40, identify dimension of dumpster enclosure, minimum is 10' X 10', 10' X 9'" provided. Revise accordingly. 2nd~~ time requested.

~~43. Per Section 290-50 Provide detail to insure compliance with the following Sections: A,,B, C, D, E, & F.~~

~~44. Per Section 290-70, provide additional information to ensure compliance with (B) & (G).~~

~~45. Sheet A-1.2 Entrance canopy cannot cross new property line. Revise accordingly.~~

46. Building footprint (6,785) + pervious surface area (5,420) + impervious surface area (21,900) = total site area of 34,094 (34,105). Clarify numbers provided in the Site Development Data table. 2nd time requested.

~~47. Provide all setback measurements from new property line after dedication. Revise site plan and Data Table accordingly.~~

~~48. Sheet A-1.0 Data Table, Revise parking comments as follows:~~
- ~~* Section 265-60 Alternative Parking Standards – reduces to 72 parking spaces required.~~
- ~~** Section 265-91 Parking Reductions for TDM – reduced to 65 parking spaces required.~~
- ~~*** Section 265-92 Payment in lieu of parking for 7 parking ($45,500) reduced to 58 parking spaced to be required.~~
- ~~The proposed parking count of 56 does not match the proposed parking count identified in backup information. Revise accordingly.~~

~~49. Per Section 303-40(N) & (L) the only building types permitted are Shopfront and Arcade. The setback/building placement requirements reflected in the Data Table indicates a Shopfront Building is proposed. As such, per Section 311-20, Shopfront must include the following:~~
- ~~Minimum 70% translucent glazing on ground floor with the window bottom no higher than 2' above the sidewalk. Provide calculations to confirm compliance.~~

~~Modified Shopfront requires:~~
- ~~Between 30-70% translucent glazing.~~

~~Provide details on plans to ensure compliance.~~

50. TIER 1 - Per Section 311-20(4) Shopfront and Modified shopfronts must be combined with 1 of the following elements:
    - Gallery roof
    - Awnings – 47.3% of front elevation
    - Arcade

    Provide details on plans to ensure compliance.
    Applicant has indicated a Design Variation will be requested. A Design Variation request requires submittal of an application, an application fee of $500 for <u>each</u> requested Design Variation and a written statement addressing the Design Variation criteria identified in Section 302-10 (D) of the City's LDC. Must be addressed with next submittal.
    DESIGN VARIATION

~~51. Per Section 525-20, provide illustration on plans to ensure compliance with sections G & H.~~

52. TIER 1 - Per Section 525-30, provide illustration on plans to ensure compliance with sections C & G. Flat wall on north elevation.
    Applicant has indicated a Design Variation will be requested. A Design Variation request requires submittal of an application, an application fee of $500 for <u>each</u> requested Design Variation and a written statement addressing the Design Variation criteria identified in Section 302-10 (D) of the City's LDC. Must be addressed with next submittal.
    DESIGN VARIATION

53. TIER 1 - Per Section 510-30, provide illustration on plans to ensure compliance with sections D – roof overhang, H – window area, ~~J, & L~~.
    Applicant has indicated a Design Variation will be requested. A Design Variation request requires submittal of an application, an application fee of $500 for <u>each</u> requested Design Variation and a written statement addressing the Design Variation criteria identified in Section 302-10 (D) of the City's LDC. Must be addressed with next submittal.
    DESIGN VARIATION

~~54. Per Section 280-40, provide light levels at property line, cannot exceed 0.5 foot candle at ground level at property line. Provide detail to confirm compliance.~~

Provide CRA details

55. Per Section306-20, Section 307-20(C), and Section 309-10 streetscape elements such as benches, trash cans and lighting shall be provided based on the street sections an streetscape specifications approved by the City Commission in the CRA Redevelopment Plan. See attached CRA Redevelopment Plan sub-sheets attached for your reference. Must show location and detail on plan to confirm compliance. Must address this code provision through redesign or payment in lieu of construction as identified in Section 309-10(D). Must be addressed with next submittal. 2nd time requested.

56. Perimeter buffer wall required per Section 275-90(C).
VARIANCE – VA-160-19

NOTES:

- **Application fee pays for <u>only 2</u> reviews of the project. Additional review by staff will require additional payment.**
- **Continuous and on-going site inspections will be conducted by staff throughout the entire building process.**
- **FLOOD PLAN: Finished floor elevations, per Article 220-10(C) All structures shall be constructed with a lowest FFE of at least 1 foot above the 100 year flood elevation. Identify on plans.**
- **Prior to submittal of a building permit, please contact the Building Official (954-924-6085 X3650 to schedule a pre-application meeting.**
- **IMPACT FEES: Impact fees that will be required for the project were attached to first review for reference.**

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☒ **Variance**
- ☐ **Other:** _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: VA-175-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec.307-20: Street Trees/Plantings. See attached Variance request.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 01-02-2020
No. 2198863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

AVID HOTEL

Dania Beach, FL

REQUESTS FOR VARIANCE

November 4, 2019

Revised November 26, 2019

PROJECT INFORMATION AND JUSTIFICATION

The supplemental information provided in this document outlines a request to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. Please refer to Exhibit A.

The subject site is zoned City Center (CC) and is vacant.

The applicant is proposing to develop the site with a 105-room hotel known as Avid. The development of the site with a hotel is an ideal use given the site is excellently situated near the Fort Lauderdale-Hollywood International airport and local beaches. The applicant is requesting variances outlined in the below table to accomplish the Avid hotel development.

SECTION/ DESCRIPTION	CODE	PROPOSED	JUSTIFICATION
Sec. 265-120 Attendant/Valet Parking	Up to 10% of required parking may be provided as valet. 84 spaces required = 8.4 spaces permitted as valet.	11 spaces provided as valet. Valet operating hours: 9pm-7am.	The shape and small size of the parcel creates a hardship to meet certain requirements. The parking/valet as proposed adequately accommodates the parking needs of the hotel while also adding an amenity for guests. The valet request is minimal at 13% instead of 10%. Based on the parking demand study previously submitted to the City, additional valet parking spaces might only be needed at night, if at all. The study demonstrates that during day hours the parking lot is not busy, and most parking spaces are unoccupied. Therefore, valet hours will operate from 9 pm to 7 am.
Sec. 265-140(C) Structured Parking Facilities	The clearance between a parking space and a wall (excluding columns) or other solid obstruction shall be a minimum of two and one-half (2.5) feet.	Less than 2.5 feet applicable only to spaces 49, 54 and 56.	Sheet A-1.0 Site Plan has been revised to include 'Employee Only' labels on the affected parking spaces. Employees will not have issues with the reduced clearance in these locations since they will be familiar with the design in this area.

Sec. 265-150(E)(2) Design standards for surface parking lot and parking structure driveways.	Minimum access width dimensions at the street: 2. Minimum (two-way) - Twenty-five (25) feet.	Minimum (two-way) - Twenty (20) feet.	The proposed 20 ft will not create adverse impacts, will not compromise safe and adequate access to/from the site, and is adequate to serve emergency vehicles and garbage trucks. Twenty (20) feet is commonly accepted as a minimum width for two-way traffic, especially in an urban setting.
Sec. 275-90(C) Perimeter buffer landscape requirements for VUAs.	Perimeter landscape buffer shall be min. 5 ft wide with 1 tree every 40 feet.	Western perimeter landscape buffer – 0 feet	A typical buffer between uses is not necessary since the western perimeter of the site is designated for parking and abuts the railroad. A buffer 0 feet will also provide for best site design given the small size (less than 1 acre) and shape of the site. No adverse conditions will be created. The required trees have been added to the mitigation calculation.
Sec. 307-20			
(A) Street Trees	Install street trees	None provided	US1 is under the jurisdiction of FDOT. Per coordination with FDOT, no trees are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
(B) Planting/CRA Requirements	Install street trees	None provided	US1 is under the jurisdiction of FDOT. Per coordination with FDOT, no trees- or streetscape elements above 18" are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
(C) Streetscape Elements	Provide Streetscape elements such as	There is a portion of the streetscape that	US1 is under the jurisdiction of FDOT. Per coordination with

	benches and lighting	is not within the FDOT Sight Triangle. At this location we will be providing a bench and trash receptacle as requested by the city.	FDOT, no trees or streetscape elements above 18" are allowed within the sight-triangle. The FDOT sight-triangles have been shown on the site plan and it covers the entire street planting area, therefore, no trees can be planted offsite.
Sec. 505-90(V) Signage Regulations – Wall and gallery edge identification signs	Wall sign permitted along frontage (east)	Wall signs proposed on north and south.	Placement of signs on the north and south along with increased size of North sign is to accommodate the Avid Hotel brand/design, as well as to enhance visibility as passers-by approach the site from Federal Hwy. Also refer to Sign Code Criteria (Sec. 505-180) response provided below.

The applicant is requesting the variances outlined above in order to develop the site with a hotel, which is an appropriate use for the site and is consistent with other similar uses along the corridor. Additionally, the site is under one (1) acre in size and is an irregular shape that is narrower at the north end than at the south end. Due to the site's size and configuration, as well as brand requirements, certain variances are necessary to accommodate the proposed Avid hotel. The development as proposed is in harmony with the intent of the City's Land Development Code.

Per City Code Section 625.40, the applicant must address certain criteria. As outlined below, the variances being sought comply with the criteria prescribed in the City's Land Development Code:

1. The request maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the City;
   The use of the site as hotel maintains the basic intent of regulations. The stability and appearance of the city will not be affected as the use of the site is compatible, and similar to, other nearby uses along the corridor.

2. The request is otherwise compatible with the surrounding land uses and would not be detrimental to the community;
   The proposed use is permitted and is compatible with surrounding land uses. The subject property is located in an overall commercial area. Specifically, hotels exist nearby to the south/southeast, along with other commercial establishments.

3. The request is consistent with, and in the furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city;
   The proposed project is consistent with the City's GOPs/Comprehensive Plan. The proposed use is permitted under the Regional Activity Center (RAC) land use and City Center (CC) zoning. Additionally, the request is not inconsistent with the City's Community Redevelopment Agency (CRA) area.

4. The plight of the petitioner is due to unique circumstances of the property or the petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome; and
   The plight is in part due to the small size (less than 1 acre) and shape of the site which is narrower at the north end than at the south end, as well as brand requirements for Avid. Avid is part of the IHG brand of hotels, a leader in the hospitality industry. IHG brands include Crowne plaza, Holiday Inn, and Staybridge, to name a few.

5. The variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.
   The variances requested are the minimum necessary to accommodate the proposed hotel. In fact, the variance requests related to Sections 265-140(C) (parking space clearance); Sec. 275-90(C) (perimeter buffer); and Sec. 275-100(C) (parking peninsula width) are minimal and occur in very few locations, as the site generally meets those standards.

The applicant must address Sec 505-180 criteria for granting of sign variances. As outlined below, the sign variance request complies with the criteria prescribed below:

Sec 505-180

1. The variance request is in harmony with the general intent and purpose of this article, and is not contrary to the public interest, especially with regard to the aesthetic impact on the surrounding area; and
   Wall signs are proposed on the north and the south. The placement of the signs is in harmony with the intent and purpose of the City's Code and is not contrary to the public interest. The proposed sign locations will better serve the public interest by enhancing the visibility to passers-by as they approach the site from Federal Hwy/US1. The placement of the signs is also to accommodate the Avid Hotel brand/design.

2. The variance is necessary in order for the sign to achieve the level of visibility and effectiveness typical for conforming signs within the same zoning district in the city and intended by this article; and
The proposed sign locations will enhance the visibility to passers-by as they approach the site from Federal Hwy/US1. Uses along the corridor, including similar hotel uses, enjoy similar signage conditions.

3. The impaired visibility or effectiveness of the signage allowed in this article would result in unnecessary or undue hardship; and
The impaired visibility the signage allowed in this article (on the east along Federal Hwy/US1 versus on the north and south as proposed) would result in unnecessary or undue hardship.

4. The hardship is not a result of the applicant's actions, financial hardship, or any inconvenience of complying with the code, but are a result of:

    a. Conditions that are unique to the land, building, site configuration; or
    b. Conditions that are unique to the configuration of the site in relation to adjacent sites or features; or
    c. Other unique conditions that are not self-created by the applicant.

    The site's frontage is on US1/Federal Highway, which is a north-south corridor with 2 lanes running each direction. Vehicles, pedestrians, cyclists, etc approach the site from the north or the south. Given the described situation and location of the site, the hardship is not a result of the applicant's actions. Uses along the corridor, including similar hotel uses, enjoy similar north/south facing signage conditions.

5. The request is the minimum necessary deviation from the requirements of this article to provide for reasonable and adequate sign visibility and effectiveness, with due consideration for the aesthetic of the sign and its scale relative to that of buildings and signs on the same and adjacent properties; and
The request is the minimum necessary deviation to provide for reasonable and adequate sign visibility and effectiveness. Sign aesthetics and scale relative to the corridor, adjacent properties and building signs were considered.

EXHIBIT A

Location

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Design Variation *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: OT-172-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: see attached survey legal

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: See attached.

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Design Variation - Sec. 510-30. See attached narrative/justification.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August, **20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

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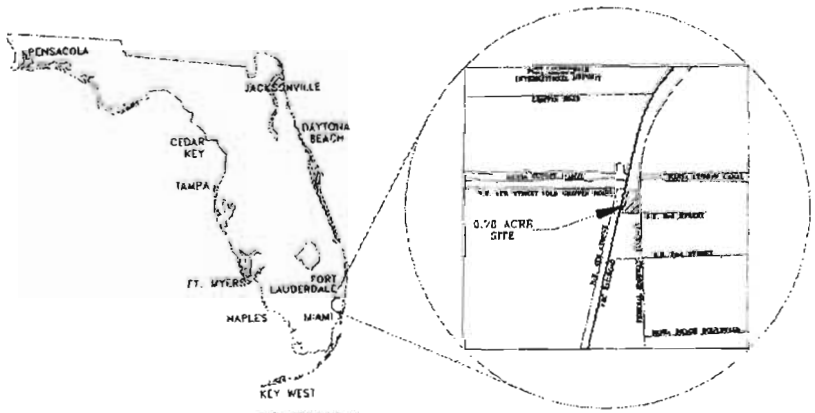
BOUNDARY SURVEY



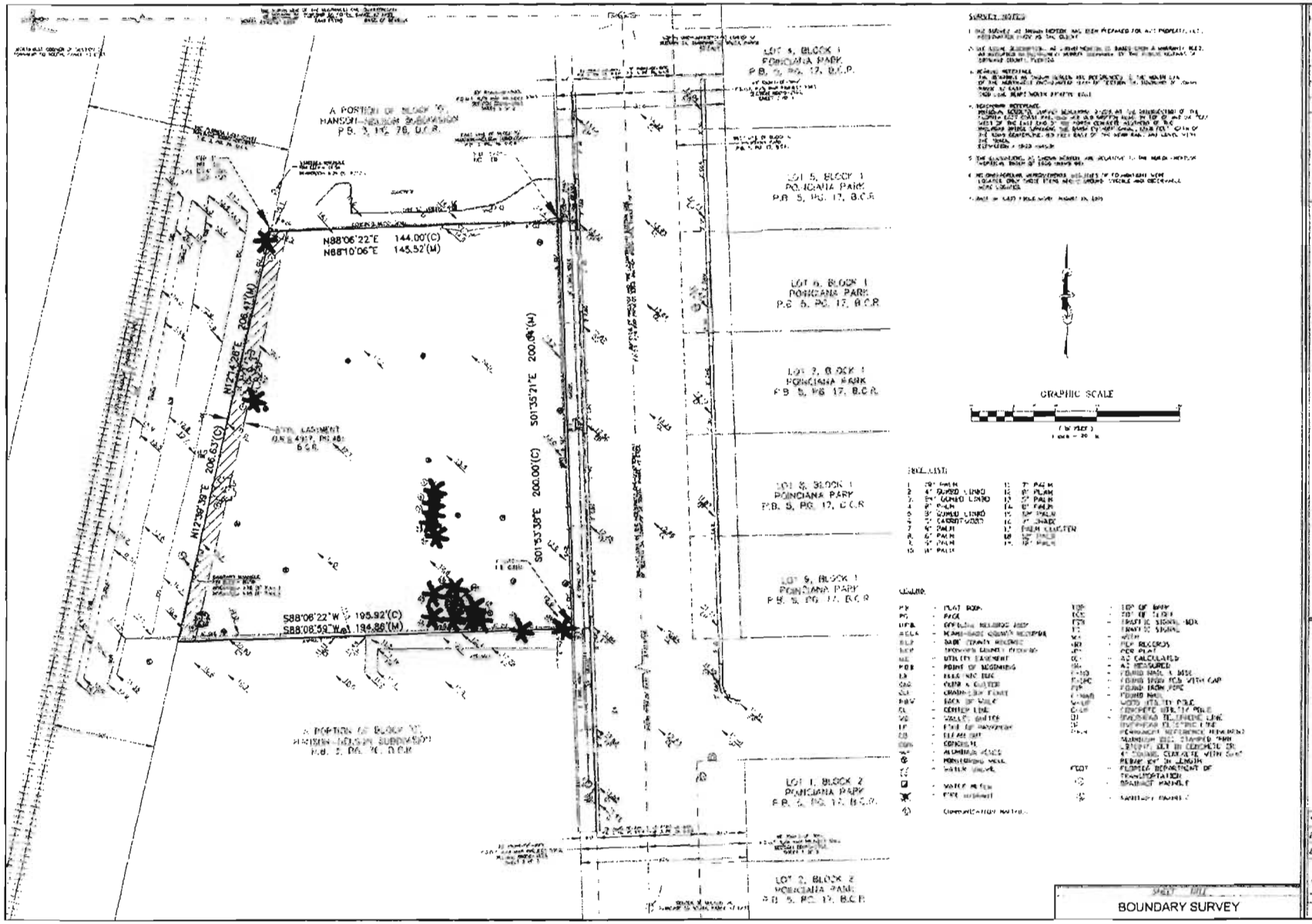
LOCATION SKETCH
NOT TO SCALE

BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SHEET NO.
SU-1 OF 2


LOT 4, BLOCK 1
POINCIANA PARK
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N88°10'06"E 145.52'(M)
N12°26'28"E 208.47'(M)
N12°26'38"E 208.63'(C)
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S01°33'38"E 200.00'(C)
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GRAPHIC SCALE
SURVEY NOTES
LEGEND
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA
SHEET TITLE
BOUNDARY SURVEY
SU-2

City of Dania Beach, Florida
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DANIA BEACH
SEE IT. LIVE IT. LOVE IT.

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☐ **Variance**
- ☒ **Other:** Design Variation *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

Date Rec'd: 12-10-19

Petition No.: OT-173-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Explanation of Request: Design Variation - Sec. 525-30. See attached narrative/justification.
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Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 04-01-2020

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

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BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK 6, HANSON-HOLDEN SUBDIVISION, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 2, PAGE 26, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

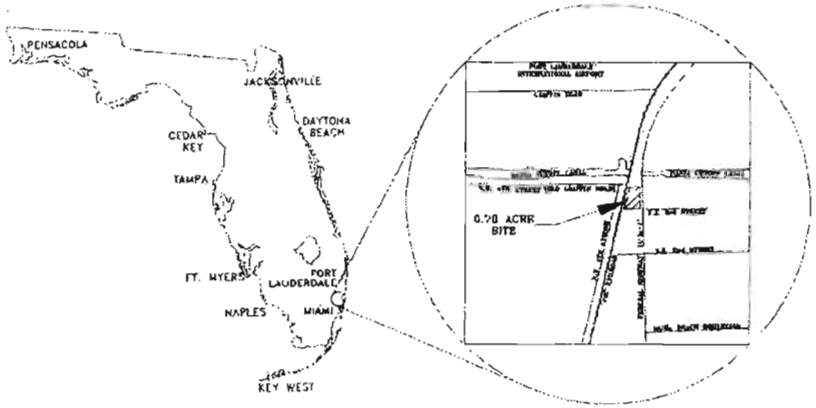
LESS:

THE EASTERLY 8.00 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PARCEL 6003, SECTION 86060-2101, AT PAGE 7 OF 8.

SAID LANDS SITUATE, LYING, AND BEING IN THE CITY OF SUNNY BEACH, BROWARD COUNTY, FLORIDA CONTAINING 33,962.00 SQUARE FEET (0.78 ACRES) MORE OR LESS.

SURVEY NOTES:

1. THE SURVEY AS SHOWN HEREON HAS BEEN PREPARED FOR THE PROPERTY [illegible] AT THE CLIENT.
2. THE LEGAL DESCRIPTION AS SHOWN BEFORE IS BASED FROM A WARRANTY DEED AS RECORDED IN PROPERTY OWNER RECORDS OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BEARING REFERENCE:
   THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHWEST 1/4 QUARTER [illegible] OF SECTION 36, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   SEE LINE BEARING [illegible]
4. ELEVATION REFERENCE:
   NATIONAL GEODETIC SURVEY BENCHMARK [illegible] AT THE INTERSECTION OF THE FLORIDA EAST COAST RAILROAD AND SOUTH FORT [illegible] ON TOP OF AND 50 FEET WEST OF THE EAST LINE OF THE NORTH COUNTY RAILROAD OF THE FLORIDA EAST COAST RAILROAD. [illegible] NORTH OF THE NORTH RAIL AND SEVEN FEET WEST OF THE TRACK.
   ELEVATION = [illegible]
5. ALL ELEVATIONS AS SHOWN HEREON ARE REFERENCE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. ALL EXCEPTIONS PRESENTED AS RESULTS OF TRANSACTIONS WITH LOCATED ONLY WHAT THEY ARE AS SHOWN, VISIBLE AND FIELD-VERIFIED HERE [illegible]
7. [illegible]



LOCATION SKETCH
NOT TO SCALE

LEGEND

P.B.	PLAT BOOK	TOP	TOP OF BANK
PG	PAGE	TOC	TOP OF CURB
MDCA	DETAILED MEASURED MAP	TCR	TRAFFIC SIGNAL BOX
MDCA	MIAMI-DADE COUNTY BENCHMARK	TS	TRAFFIC SIGNAL
BCP	BROWARD COUNTY BENCHMARK	W	WIDTH
BCP	BROWARD COUNTY PERMANENT	PM	PLAN MEASURED
UE	UTILITY EASEMENT	PR	PLAT RECORD
POB	POINT OF BEGINNING	M	AS CALCULATED
EB	ELECTRIC BOX	MD	AS DESIGNATED
CMP	CORRUGATED METAL PIPE	F-IRON	FOUND IRON PIPE
CLF	CHAIN LINK FENCE	F-IRON	FOUND IRON PIPE WITH CAP
POV	POINT OF VIEW	F-NAIL	FOUND NAIL
CL	CENTER LINE	F-CAP	FOUND WITH CAP
WL	WATER LINE	CONC	CONCRETE
EP	EDGE OF PAVEMENT	OH	OVERHEAD TELEPHONE LINE
CO	CLEAN OUT	OE	OVERHEAD ELECTRIC LINE
CONC	CONCRETE	PRM	PERMANENT REFERENCE MONUMENT ALUMINUM DISC STAMPED "PRM LB 7087" SET IN CONCRETE IN AT VARIOUS CONCRETE WITH SAW CUTTING IN LENGTH
		FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION
			BOUNDARY MARKER
	WATER VALVE		SANITARY MANHOLE
	WATER METER		LIGHT POLE
	FIRE HYDRANT		CATCH BASIN
	TELECOMMUNICATION MANHOLE		
	WOOD UTILITY POLE		

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY A TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOSE A. [illegible]
PROFESSIONAL SURVEYOR AND MAPPER LS7020
STATE OF FLORIDA

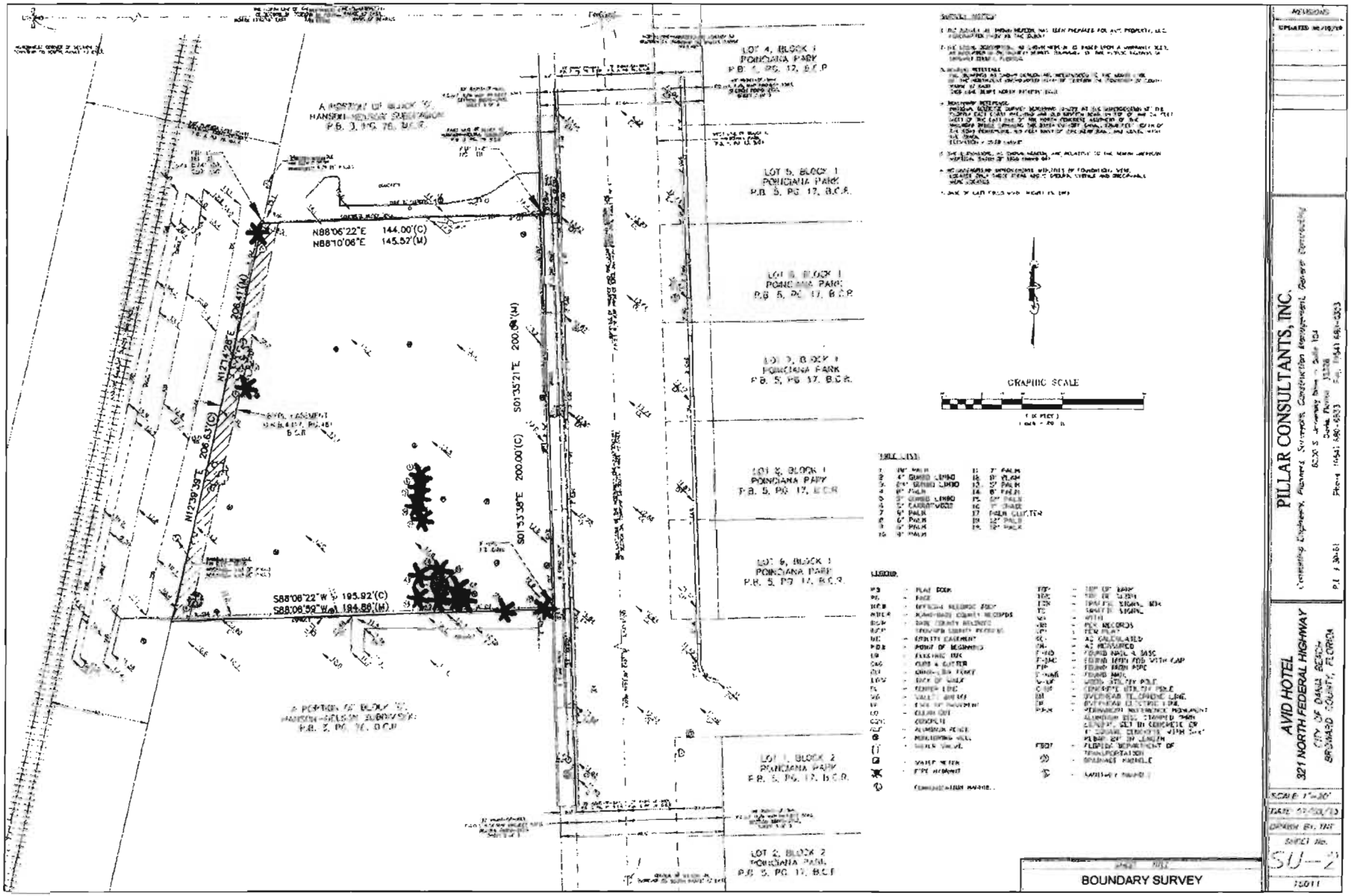
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, Geological Consulting
5220 S. University Drive - Suite 104
Davie, Florida 33328
Phone (954) 680-3337 Fax (954) 680-3337
C.E. # 26481

AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF SUNNY BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 02.10.22
DRAWN BY: [illegible]
SHEET NO.
SV-1 OF 2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HANSEL-NELSON SUBDIVISION
P.B. 3, PG. 76, B.C.R.
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N88°10'06"E 145.57'(M)
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GRAPHIC SCALE
LEGEND
BOUNDARY SURVEY
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA
SCALE: 1"=30'
SHEET No.
SU-2
13011

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
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Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Design Variation - Sec. 311-20. See attached narrative/justification.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Updated 02/2017

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrace Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

BOUNDARY SURVEY

LEGAL DESCRIPTION:

LOTS 5, 6, 7 AND 8, BLOCK 6, HANSON-HEBBEN SUBDIVISION, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 3, PAGE 76, OF THE PUBLIC RECORDS OF MIAMI-DADE COUNTY, FLORIDA.

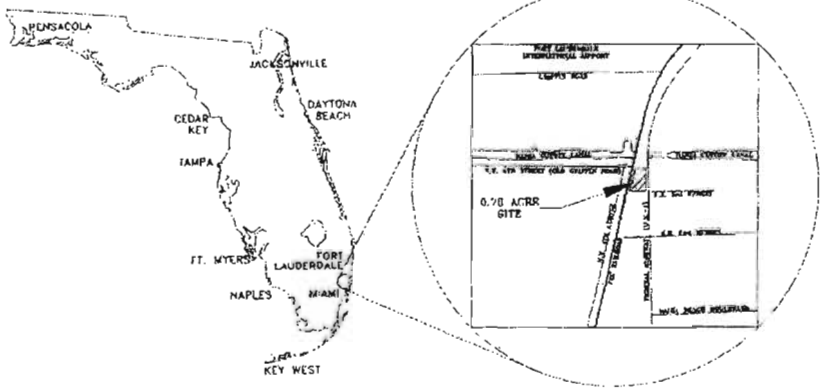
LESS:

THE EASTERLY 100 FEET THEREOF, ACCORDING TO FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY MAP PROJECT [illegible], SECTION [illegible], AT PAGE 3 OF 3.

SAID LANDS SITUATE, LYING AND BEING IN THE CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA CONTAINING 38,992.30 SQUARE FEET (0.70 ACRES) MORE OR LESS.

NOTES:

1. THE PARTIES TO BOUNDARY DEFINED AT THIS DISTANCE FOR THIS PROPERTY. [illegible] DESCRIPTION PROVIDED BY THE CLIENT.
2. THE LEGAL DESCRIPTION AS SHOWN HEREON IS BASED UPON A WARRANTY DEED AS RECORDED IN INSTRUMENT NUMBER [illegible] OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.
3. BOUNDARY DEFINITIONS:
   THE BEARINGS AT CORNER HEREON ARE REFERENCED TO THE NORTH LINE OF THE NORTHEAST ONE-QUARTER (NE1/4) OF SECTION 24, TOWNSHIP 50 SOUTH, RANGE 42 EAST.
   [illegible] NORTH [illegible] EAST
4. BENCHMARK REFERENCE:
   FLORIDA GEODETIC SURVEY BENCHMARK [illegible] IS THE [illegible] IN THE [illegible] EAST [illegible] ON THE [illegible] WEST IN THE EAST END OF THE NORTH CONCRETE PARAPET OF THE NORTHWEST BRIDGE SPANNING THE [illegible] CANAL. [illegible] EAST SIDE OF THE NORTH CONCRETE [illegible] EAST END OF THE NORTH BRIDGE, AND [illegible] WITH THE TOP TRACK.
   ELEVATION = [illegible] NGVD
5. THE ELEVATIONS, AS SHOWN HEREON, ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
6. NO UNDERGROUND IMPROVEMENTS, BUILDING OR FOUNDATIONS WERE LOCATED (NOT LOCATED FOR AREA GREATER AREAS) THE DETERMINED [illegible] LOCATED.
7. [illegible]



LOCATION SKETCH
NOT TO SCALE

LEGEND

PB	- PLAT BOOK	TOP	- TOP OF BANK
PG	- PAGE	TOC	- TOE OF SLOPE
ORB	- OFFICIAL RECORDS BOOK	TSB	- TRAFFIC SIGNAL BOX
MDCR	- MIAMI-DADE COUNTY RECORDS	TS	- TRAFFIC SIGNAL
BCP	- DADE COUNTY RECORDS	W/	- WITH
BCP	- BROWARD COUNTY RECORDS	OPI	- OFF INTERNET
UE	- UTILITY EASEMENT	PP	- PER PLAT
MHW	- POINT OF MEANDERING	PC	- AS CALCULATED
EB	- ELECTRIC BOX	PM	- AS MEASURED
GVB	- GATE & VALVE	FI-PIPE	- FOUND IRON & PIPE
CU	- CABLE TELEVISION	FI-IRON	- FOUND IRON ROD WITH CAP
BOW	- BACK OF WALK	I.P.	- FOUND IRON PIPE
CL	- CENTER LINE	CUP	- CONCRETE UTILITY POLE
VC	- VALLEY GUTTER	OH	- OVERHEAD TELEPHONE LINE
EP	- EDGE OF PAVEMENT	OE	- OVERHEAD ELECTRIC LINE
CG	- CLEAR GUT	PRM	- PERMANENT REFERENCE MONUMENT ALUMINUM ROD STAMPED "PRM LB7422" SET IN CONCRETE IN 4" GALVANIZED CONDUIT WITH CAP ABOVE GRADE IN LENGTH
CONC	- CONCRETE	FDOT	- FLORIDA DEPARTMENT OF TRANSPORTATION
ALF	- ALUMINUM FENCE	D	- DRAINAGE MANHOLE
	- MONITORING WELL		
WV	- WATER VALVE	S	- SANITARY MANHOLE
	- WATER METER		- LIGHT POLE
	- FIRE HYDRANT		- CATCH BASIN
	- COMMUNICATION MANHOLE		
	- WOOD UTILITY POLE		

SURVEYOR'S CERTIFICATION:

I HEREBY CERTIFY THAT THE SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I FURTHER CERTIFY THAT THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES.

JOSE A. [illegible]
PROFESSIONAL SURVEYOR AND MAPPER [illegible]
STATE OF FLORIDA

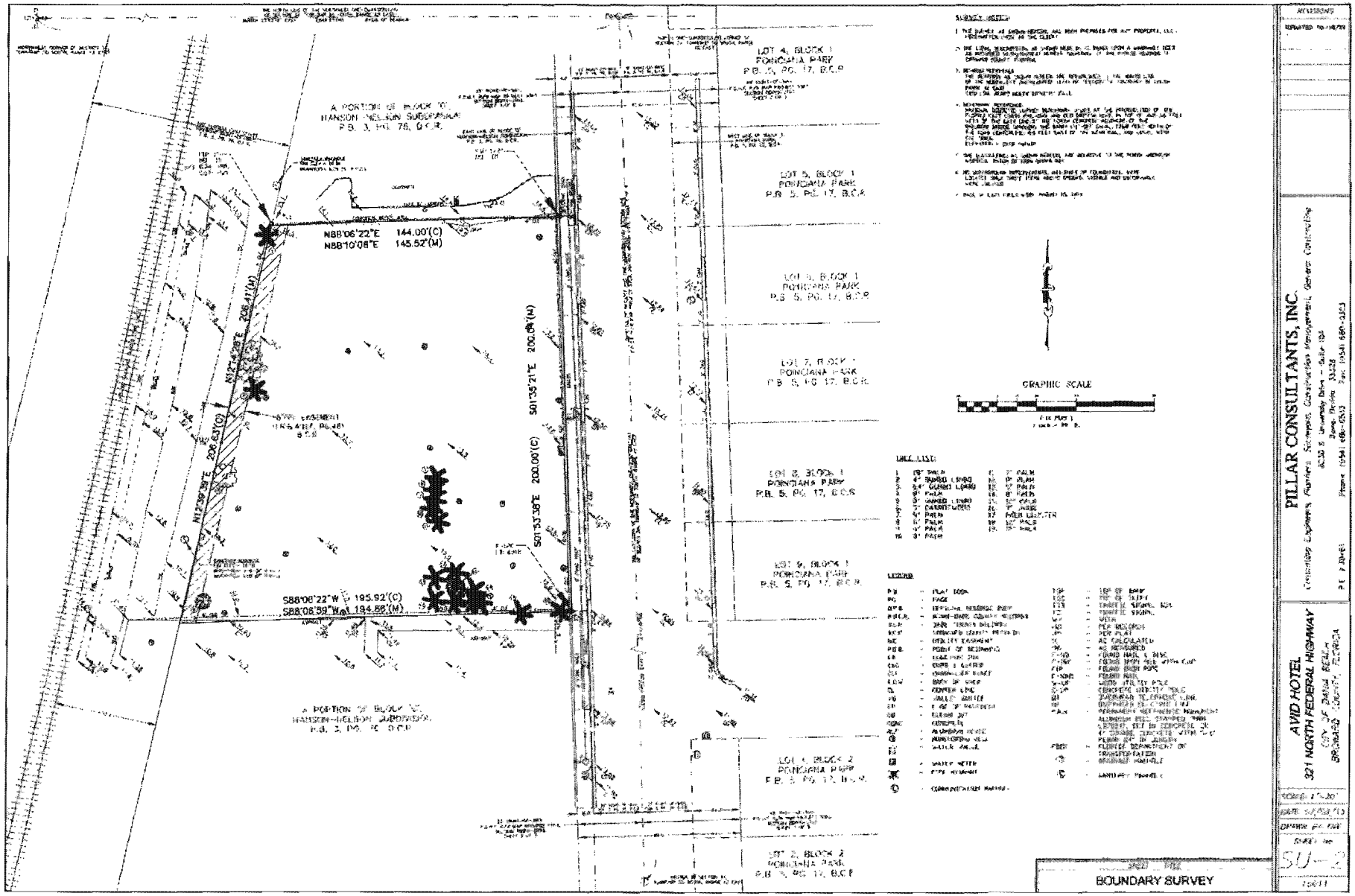
NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

SHEET TITLE
BOUNDARY SURVEY

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners, Surveyors, Construction Management, Land Development Consulting
5200 SW Lakeside Drive — Suite 104
Cooper City, 33328
Phone: (954) 880-0333 Fax: (954) 880-0393
P.E. # 5640

AVID HOTEL
3201 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
BROWARD COUNTY, FLORIDA

SCALE: 1"=20'
DATE: 07/20/07
DRAWN BY: DM
SHEET NO.
SU-1 OF 2
15911


LOT 4, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 78, O.C.R.
LOT 5, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 6, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 7, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 8, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 9, BLOCK 1
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 1, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
LOT 2, BLOCK 2
POINCIANA PARK
P.B. 5, PG. 17, B.C.R.
A PORTION OF BLOCK 10
HANSON-NELSON SUBDIVISION
P.B. 3, PG. 78, O.C.R.
N88°06'22"E 144.00'(C)
N88°10'08"E 145.52'(M)
S01°35'21"E 200.09'(M)
S01°33'38"E 200.00'(C)
N12°39'38"E 206.63'(C)
S88°06'22"W 195.92'(C)
S88°08'39"W 194.88'(M)
GRAPHIC SCALE
BOUNDARY SURVEY
PILLAR CONSULTANTS, INC.
AVID HOTEL
321 NORTH FEDERAL HIGHWAY
CITY OF DANIA BEACH
SU-2

Avid Hotel
Request for Design Variations

The information provided below outlines Design Variation requests to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. The subject site is currently vacant and is proposed to be developed with a 105-room hotel.

The land use designation for the property is Regional Activity Center (RAC), the zoning for the property is City Center (CC), and the property is located in the City's CRA. Given the property's location in the CRA and CC zoning designation, development on the site is subject to the City's form-based Code, which requires certain design elements and principles to achieve the City's desired urban form. However, the Code also recognizes that variation in conditions exist, and the difficulty of accounting for them in a design-specific regulation. Therefore, per Section 301-50 of the City's Code, the applicant may apply for relief from certain Variations in Design. Refer to table below.

A site plan for the subject property is currently under review by City Staff. The intent of the CC zoning district is to establish a mixed-use downtown with transit supportive densities and intensities where citizens can work, live, and shop in the economic, governmental, entertainment and cultural focal point of Dania Beach. This district is designed to encourage accessible, active, pedestrian-oriented areas. Great attention has been made to prepare a site plan for the subject property that achieves these elements and is compatible and consistent with the City's vision for the area.

Due to the size, configuration and conditions unique to the subject property, functional requirements of the proposed mixed-use building, design approach and construction methodology employed to achieve a comparable product competitive for the locality in the market, the applicant is requesting the variations in design outlined below. The approval of these design variations is not contrary to the public interest and will assist in the development and improvement of the subject property in an area of Dania Beach well-suited for the proposed project and that will move the City's vision for the area forward.

CODE SECTION	REQUIREMENT	PROPOSED VARIATIONS	CRITERIA
311-20(E)(4)	(E) A frontage in which a highly fenestrated façade is placed at or near the street line and the entrance is at sidewalk grade. (4) Shopfront and Modified shopfronts must be combined with 1 of the following elements: • Gallery roof • Awnings • Arcade	Awnings by code are required to project 7 feet and extend along a minimum of 80% of the building frontage. Proposed building will have a 5 foot projection due to FDOT sight triangle. Element cannot encroach in line of site. Additionally, the awning will extend 47.3% along building frontage. This is to meet Avid Brand Design Standards.	Criteria listed below
525-30(C)&(G) – Massing and Articulation	(C) The first thirty-five (35) feet of the exterior façade vertical plane should enhance the pedestrian environment by incorporating appropriate architectural features. Such features include cornice, ornamentations, changes in material or color, and other sculpting of the architectural surface, which add special interest and are compatible with public sector site elements. (G) Solid walls should not exceed twenty (20) feet in length without vertical articulation.	East, West, and South elevation comply. Articulation on the North façade is minimal due to Florida Building Code, fire separation, and Avid Brand Standards. Windows in particular can not be placed due to proximity to property line. Character lines, color changes, and a vertical step back will be provided.	Criteria listed below
	(D) Roofs shall be pitched with generous overhangs. The roofing shall be incombustible material such as shingle, clay tile, cement tile, or metal.	Avid Brand Standards requires we propose a flat roof with no pitches.	
510-30(D) & (H) – Appearance	(H) Glass windows and doors must make up at least thirty-five (35) percent of the primary elevation and fifteen (15) percent of the secondary elevation, except where additional fenestration is required in the CRA form-based zoning districts. On ground stories, the minimum required glass façade area shall be measured between a height of two and one-half (2.5) feet and eight (8) feet above the abutting grade. The windows shall not be covered or opaque. Display is permitted provided there is functional	East, West, and South elevation comply. Glass articulation on North façade is 0% due to Florida Building Code, fire separation, and Avid Brand Standards. Windows cannot be placed due to proximity to property line. Character lines, color changes, and a vertical step back will be provided.	Criteria listed below

	cross-vision between the inside and outside of the store. Display windows should be accented with awnings or other architectural features.		

The applicant must address the following criteria:

301-50(D)

1. **Whether the request is for a reasonable accommodation of design flexibility that results in overall superior development and design consistent with the intent and principles of this subpart that govern the standard for which variation is requested; or**

   Response: The request outlined above is a reasonable accommodation of design flexibility particularly needed for the success of this project. The proposed Variations in Design will result in a more emphasized and defined entry experience for vehicles and pedestrians alike as they will be greeted by a glass entry feature on the corner that provides a retail-feel and gives guests a clear view into the lobby from US1. The awning provided wraps around this glass entry further emphasizing this. Additionally, by following Brand Standards we will be providing the public with a recognizable Avid identity. This will increase use of this building as guests who know of Avid will have expectations from another Avid experience. The proposed improvements and design may not meet the strict application of the Code, but all of the proposed designs create a pedestrian friendly, accessible, aesthetically pleasing environment on the property that achieves the intent and principles of the Code.

2. **Whether the variation is appropriate to accommodate site conditions not anticipated in these regulations, or to reconcile conflicting requirements, provided the request is generally consistent with the intent and principles of this subpart that govern the standard for which variation is requested.**

   Response: The variation is appropriate to accommodate site conditions not anticipated in these regulations. Specifically, the configuration and constraints of the subject property (less than 1 acre; narrower at the north than at the south), functional considerations in the design particular to this proposed development, and the nature of the proposed building and AVID/IHG brand, are requested in order to deliver an efficient product competitive in the market.

525-10 and 510-20 (C)

1. **There are circumstances peculiar to the site or the intended use or both that makes compliance with a particular requirement of this article impracticable; and**

   Response: FDOT Easement Dedication, FDOT sight triangle, and AVID/IHG brand standard effects compliance.

2. **The applicant has offered significant enhancements to other pertinent aspects of the site that the city commission determines will offset negative impacts that an exception to these standards might otherwise create.**

   Response: Building overall is fairly articulated with prominent features that increases the city of Dania's image. Up-lighting along the building's façade will further add to the appeal by creating a dramatic and interesting look at night. Signage on the North and South elevation is optional and adds to the appeal of the project. Windows in South egress stair and storefront door on East egress stair exiting to US1 is not typical and adds to building appeal. Drive entry being reduced to 20' enhances walkability and public safety as pedestrians spend less time walking through a drive isle.

RECEIVED
NOV 07 2019
Planning & Development Services

FILE COPY

AVID HOTEL

Dania Beach, FL

REQUESTS FOR VARIANCE

November 4, 2019

PROJECT INFORMATION AND JUSTIFICATION

The supplemental information provided in this document outlines a request to the City of Dania Beach being sought by the Applicant, Comerlat Hospitality 1, LLC, as it relates to a +/- 0.78-acre net/0.97-acre gross subject property situated on the west side of US1/Federal Highway, south of Old Griffin Road. Please refer to Exhibit A.

The subject site is zoned City Center (CC) and is vacant.

The applicant is proposing to develop the site with a 105-room hotel known as Avid. The development of the site with a hotel is an ideal use given the site is excellently situated near the Fort Lauderdale-Hollywood International airport and local beaches. The applicant is requesting variances outlined in the below table to accomplish the Avid hotel development.

SECTION/ DESCRIPTION	CODE	PROPOSED	JUSTIFICATION
Sec. 265-120 Attendant/Valet Parking	Up to 10% of required parking may be provided as valet. 84 spaces required = 8.4 spaces permitted as valet.	11 spaces provided as valet. Valet operating hours: 9pm-7am.	The shape and small size of the parcel creates a hardship to meet certain requirements. The parking/valet as proposed adequately accommodates the parking needs of the hotel while also adding an amenity for guests. The valet request is minimal at 13% instead of 10%. Based on the parking demand study previously submitted to the City, additional valet parking spaces might only be needed at night, if at all. The study demonstrates that during day hours the parking lot is not busy, and most parking spaces are unoccupied. Therefore, valet hours will operate from 9 pm to 7 am.
Sec. 265-140(C) Structured Parking Facilities	The clearance between a parking space and a wall (excluding columns) or other solid obstruction shall be a minimum of two and one-half (2.5) feet.	Less than 2.5 feet applicable only to spaces 49, 54 and 56.	Sheet A-1.0 Site Plan has been revised to include 'Employee Only' labels on the affected parking spaces. Employees will not have issues with the reduced clearance in these locations since they will be familiar with the design in this area.

Sec. 265-150(E)(2) Design standards for surface parking lot and parking structure driveways.	Minimum access width dimensions at the street: 2. Minimum (two-way) - Twenty-five (25) feet.	Minimum (two-way) - Twenty (20) feet.	The proposed 20 ft will not create adverse impacts, will not compromise safe and adequate access to/from the site, and is adequate to serve emergency vehicles and garbage trucks. Twenty (20) feet is commonly accepted as a minimum width for two-way traffic, especially in an urban setting.
Sec. 275-90(C) Perimeter buffer landscape requirements for VUAs.	Perimeter landscape buffer shall be min. 5 ft wide with 1 tree every 40 feet.	Western perimeter landscape buffer – 0 feet	A typical buffer between uses is not necessary since the western perimeter of the site is designated for parking and abuts the railroad. A buffer 0 feet will also provide for best site design given the small size (less than 1 acre) and shape of the site. No adverse conditions will be created. The required trees have been added to the mitigation calculation.
Sec. 505-90(V) Signage Regulations – Wall and gallery edge identification signs	Wall sign permitted along frontage (east)	Wall signs proposed on north and south.	Placement of signs on the north and south is to accommodate the Avid Hotel brand/design, as well as to enhance visibility as passers-by approach the site from Federal Hwy.

The applicant is requesting the variances outlined above in order to develop the site with a hotel, which is an appropriate use for the site and is consistent with other similar uses along the corridor. Additionally, the site is under one (1) acre in size and is an irregular shape that is narrower at the north end than at the south end. Due to the site's size and configuration, as well as brand requirements, certain variances are necessary to accommodate the proposed Avid hotel. The development as proposed is in harmony with the intent of the City's Land Development Code.

Per City Code Section 625.40, the applicant must address certain criteria. As outlined below, the variances being sought comply with the criteria prescribed in the City's Land Development Code:

1. The request maintains the basic intent and purpose of the subject regulations, particularly as it affects the stability and appearance of the City;

The use of the site as hotel maintains the basic intent of regulations. The stability and appearance of the city will not be affected as the use of the site is compatible, and similar to, other nearby uses along the corridor.

2. The request is otherwise compatible with the surrounding land uses and would not be detrimental to the community;
   The proposed use is permitted and is compatible with surrounding land uses. The subject property is located in an overall commercial area. Specifically, hotels exist nearby to the south/southeast, along with other commercial establishments.

3. The request is consistent with, and in the furtherance of, the goals, objectives and policies of the adopted Comprehensive Plan, as amended from time to time, and all other similar plans adopted by the city;
   The proposed project is consistent with the City's GOPs/Comprehensive Plan. The proposed use is permitted under the Regional Activity Center (RAC) land use and City Center (CC) zoning. Additionally, the request is not inconsistent with the City's Community Redevelopment Agency (CRA) area.

4. The plight of the petitioner is due to unique circumstances of the property or the petitioner which would render conformity with the strict requirements of the subject regulations unnecessarily burdensome; and
   The plight is in part due to the small size (less than 1 acre) and shape of the site which is narrower at the north end than at the south end, as well as brand requirements for Avid. Avid is part of the IHG brand of hotels, a leader in the hospitality industry. IHG brands include Crowne plaza, Holiday Inn, and Staybridge, to name a few.

5. The variance requested is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.
   The variances requested are the minimum necessary to accommodate the proposed hotel. In fact, the variance requests related to Sections 265-140(C) (parking space clearance); Sec. 275-90(C) (perimeter buffer); and Sec. 275-100(C) (parking peninsula width) are minimal and occur in very few locations, as the site generally meets those standards.

EXHIBIT A

Location

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

NOV 07 2019
Planning Department

Standard Development Application

- ☐ **Administrative Variance**
- ☐ **Land Use Amendment**
- ☐ **Plat**
- ☐ **Rezoning**
- ☐ **Site Plan**
- ☐ **Special Exception**
- ☒ **Variance**
- ☐ **Other:** _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA-157-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G Block: _____ Subdivision: _____

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-150(E)(2) for min. access of driveway at street from 25 ft to 20 ft.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.*** SEE ATTACHED

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Collejo
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Maria D. Ch
Notary Public
State of New Jersey
My Commission Expires 08-02-2020
No. 2390865

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
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NOV 07 2019
Planning Department

Standard Development Application

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- ☐ **Site Plan**
- ☐ **Special Exception**
- ☒ **Variance**
- ☐ **Other:** _____ ***(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)***

FILE COPY

Date Rec'd: _____

Petition No.: VA-158-19.

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Lot(s): HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G Block: _____ Subdivision: _____

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-140(C) - parking space/wall clearance.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/- 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize Leigh Robinson Kerr & Associates, Inc. and LSN Partners **(individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.**

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Oh
Notary Public
New Jersey
My Commission Expires 08-02-2020
No. 2390863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF BEFORE PROCESSING OCCURS.

City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA 139-19.

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G Block: _____ Subdivision: _____

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 265-120- Valet Parking. See attached Variance request.**
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

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STATE OF FLORIDA
COUNTY OF BROWARD
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By: _____
(Owner / Agent signature*)

BEFORE ME THIS 18 **DAY OF** August **, 20** 19

By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Oh
Notary Public
New Jersey
My Commission Expires 08-02-2020
No. 2398863

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

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City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

DANIA BEACH
SEE IT. LIVE IT. LOVE IT.

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____ *(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)*

FILE COPY

Date Rec'd: _____

Petition No.: VA-160-19

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and **"Required Documentation"** checklist to determine the supplemental documents required with each application.
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Location Address: 321 N. FEDERAL HWY, DANIA BEACH, 33004

Lot(s): _____ Block: _____ Subdivision: HANSEN & NELSON SUB 3-76 D ALL LOTS 5,6,7,8,LESS ST RD BLK G

Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

Folio Number(s): 5042-34-06-0740 Legal Description: Lot 5, 6, 7, 8, Block G of Hanson & Nelson Subdivision, according to the plat thereof, as recorded in plat book 3, page 76, of the public records of Broward County, FL

Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: Variance to Sec. 275-90(C) for perimeter buffer landscape requirements.
*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.*** SEE ATTACHED

Prop. Net Acreage: +/- 0.78 Gross Acreage: +/-. 0.97 Prop. Square Footage: 34,018

Existing Use: vacant Proposed Use: Hotel

Is property owned individually, by a corporation, association, or a joint venture? LLC

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By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

My Commission Expires 05-01-2020

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

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City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
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DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

NOV 07 2019
Planning Department

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
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FILE COPY

Date Rec'd: _____

Petition No.: VA-161-19

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Recorded Plat Name: Hansen & Nelson Subdivision PB 3 PG 76

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Applicant/Consultant/Legal Representative **(circle one)** Leigh Robinson Kerr & Associates, Inc.

Address of Applicant: 808 E. Las Olas Boulevard, #104, Ft. Laud., FL 33301

Business Telephone: 954-467-6308 Home: _____ Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Comerlat Hospitality 1 LLC

Address of Property Owner: 321 N. Federal Hwy Dania Beach 33004

Business Telephone: 954-467-6308 Home: _____ Fax: _____

Explanation of Request: **Variance to Sec. 505-90(V) - Location of wall signs. See attached.**

*For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.***

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Existing Use: vacant Proposed Use: Hotel

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By:

Juan Jose De Jesus Ferrer Calleja
(Print name of person acknowledging)

_____
(Joint owner signature if applicable)

Notary _____

(Signature of Notary Public – State of New Jersey**)**

Justin D. Ch
Notary Public
State of New Jersey
My Commission Expires 08-02-2020
No. 2398103

Personally known _____ **or Produced Identification** X

Type of identification produced: Mexico Passport **or Drivers License** _____

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PILLAR CONSULTANTS, INC.

Consulting Engineers, Planners, and Surveyors
5230 South University Drive ~ Suite 104
Davie, Florida 33328
Tel: (954) 680-6533

FILE COPY

RECEIVED
NOV 20 2019
Planning Department

LETTER OF TRANSMITTAL

To: City of Dania Beach
Planning and Zoning Dept.
Attn: Corinne Lajoie

Date: 11/20/19 Job No.: 15011C
RE: Avid Hotel

Please Find (X) Attached ( ) Under Separate Cover Via

The following items:

( ) Shop Drawings (____sets) Prints ( ) Plans ( ) Samples ( ) Surveys

COPIES	NO.	DESCRIPTION
5		**CD (DRC resubmittal documents)**
1		TDM STRATEGIES

Transmitted as indicated below:

( ) For Approval
(X) For Your Use
( ) As Requested
( ) For Review & Comment
( ) For Bids Due
( ) Approved as Submitted
( ) Returned for Corrections
( ) ____ Copies for Distribution
( ) Return ____ Corrected Prints
( ) For Execution
( ) ___ Sets of Prints
( ) ____ Copies for Approval

Remarks:

Sender: Tommy Prudhomme Reveived by: _____

Via: Drop off Signature: _____ Date: _____

If Enclosures Are Not As Noted Kindly Notify Us

PILLAR CONSULTANTS, INC.

Consulting Engineers, Planners, and Surveyors
5230 South University Drive ~ Suite 104
Davie, Florida 33328
Tel: (954) 680-6533

FILE COPY

RECEIVED
NOV 07 2019
Planning
Department

LETTER OF TRANSMITTAL

To: Adache Group Architects
550 S. Federal Highway, Fort Lauderdale
Attn: Edward Khoury

Date: 11/06/19 Job No.: 15011C
RE: Avid Hotel

Please Find (X) Attached ( ) Under Separate Cover Via

The following items:

( ) Shop Drawings (____sets) Prints ( ) Plans ( ) Samples ( ) Surveys

COPIES	NO.	DESCRIPTION
7		**S&S Engineering Plans (includingsurvey, photometric & landscape)**
7		**S&S Drainage Calculations**
7		**Fire Calculations (Iso, NFPA, certification letter)**

Transmitted as indicated below:

( ) For Approval
(X) For Your Use
( ) As Requested
( ) For Review & Comment
( ) For Bids Due
( ) Approved as Submitted
( ) Returned for Corrections
( ) ____ Copies for Distribution
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Remarks:

Sender: Tommy Prudhomme Reveived by: _____

Via: Drop off Signature: _____ Date: _____

If Enclosures Are Not As Noted Kindly Notify Us

Edward Khoury

FILE COPY
RECEIVED
NOV 07 2019
Planning Department

From: Sean Walsh
Sent: Friday, November 1, 2019 8:32 AM
To: Jason Wilson; Edward Khoury
Subject: FW: Status of FAA Filing

fyi

Sean Walsh
Vice President of Design

adache group architects
550 S Federal Highway, Fort Lauderdale, FL 33301
t: 954.525.8133 e: swalsh@adache.com
www.adache.com | facebook | map

Fifty years of award winning architecture.

From: noreply@faa.gov <noreply@faa.gov>
Sent: Friday, November 1, 2019 7:47 AM
To: Sean Walsh <swalsh@adache.com>
Subject: Status of FAA Filing

Your filing is assigned Aeronautical Study Number(s) (ASN): 2019-ASO-28788-OE, 2019-ASO-31952-OE.

To review your electronic record, go to our website oeaaa.faa.gov and select the Search Archives link to locate your case using the assigned Aeronautical Study Number (ASN).

The FAA verified your filing and an aeronautical study has been initiated. Please allow a minimum 45 days for the FAA to complete the study. Please refer to the assigned ASN on all future inquiries regarding this filing.

For Wind Turbine proposals only, please ensure Wind Turbine Data as described on the project summary page in your registered e-filing account has been uploaded to your filing.

To ensure e-mail notifications are delivered to your inbox please add noreply@faa.gov to your address book. Notifications sent from this address are system generated FAA e-mails and replies to this address will NOT be read or forwarded for review. Each system generated e-mail will contain specific FAA contact information in the text of the message.

ISO FIRE FLOW CALCULATIONS (PER ISO EDITION 05-2006)

RECEIVED
NOV 07 2019
Planning Department

PROJECT:	Avid Hotel
ADDRESS:	321 N. Federal Highway, Dania Beach, FL 33004
DATE:	09/25/2019
CONSTRUCTION:	TYPE 1B (ISO CLASS 5) FIRE SPRINKLERED

NFF = (C)(O)(1+(X+P))

NFF	= NEEDED FIRE FLOW
C	= CONSTRUCTION FACTOR
O	= OCCUPANCY FACTOR
X	= EXPOSURE FACTOR
P	= COMMUNICATION FACTOR

1.) CONSTRUCTION FACTOR (C)

$C = 18F(A)^{0.5}$

A = EFFECTIVE AREA F = 0.6 (CLASS 5)

Total Area Under Roof: A = 6,813 SF (1st floor) + 5 x (50%) 8,352 (2nd - 6th floor) = 27,693 SF

THEREFORE: $C = 18(0.6)(27{,}693)^{0.5}$ = **1,797 ~ 1,750 GPM** (rounded to the nearest 250 gpm)
= **438** (75% reduction per automatic sprinklers)

2.) OCCUPANCY FACTOR (O)

O = **1.25** (PER TYPE C5)

3.) EXPOSURE AND COMMUNICATION FACTOR (X+P)

BUILDING INCLUDES AUTOMATIC FIRE SPRINKLER SYSTEM
THEREFORE: X=0 AND P=0

4.) DETERMINING NEEDED FIRE FLOW (NFF)

NFF = (438)(1.25)(1+(0+0)) = 548 GPM ~ 500 GPM (rounded to the nearest 250 gpm)

FLOW PROVIDED

$$Q = Q_{measured}\left(\frac{H_{static}-H_{rated}}{H_{static}-H_{residual}}\right)^{0.54} = 839\text{ GPM}\left(\frac{59\,psi-20\,psi}{59\,psi-53\,psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED ON 09/30/2019 YIELDED A RESULT OF:
2,305 GPM AT 20 PSI > 500 GPM (NFF); OK.

JAY CORLISS EVANS
LICENSE
No. 29461
STATE OF FLORIDA
PROFESSIONAL ENGINEER

JCE 11/6/19

NFPA FIRE FLOW CALCULATIONS

PROJECT: Avid Hotel
DATE: 11/06/2019
ENGINEER: TJP

Per NFPA 1 Section 18.4 Fire Flow Requirements for Buildings

Proposed Building Area: **48,573 SF**
Construction Type/Occupancy: **Type 1B**
Auto Fire Sprinkler: **Yes**, therefore a 75% reduction in Fire Flow is allowed (18.4.5.3.2)

Per Table 18.4.5.2.1 Minimum Required Fire Flow and Duration

1,750 gpm is required for 2 hours (Type 1)

Reductions:
Required Fire Flow: 1,750 gpm x (1-0.75) = **438 GPM**

FLOW PROVIDED

$$Q = Q_{measured} \left(\frac{H_{static} - H_{rated}}{H_{static} - H_{residual}}\right)^{0.54} = 839 \text{ GPM} \left(\frac{59\ psi - 20\ psi}{59\ psi - 53\ psi}\right)^{0.54} = \mathbf{2{,}305\ GPM}$$

THE FIRE FLOW CALCULATIONS PERFORMED YIELDED A RESULT OF **2,305 GPM AT 20 PSI > Required Fire Flow (438 GPM); OK.**

PILLAR CONSULTANTS, INC.
Consulting Engineers, Planners & Surveyors
5230 South University Drive – Suite 104
Davie, Florida 33328
Phone (954) 680-6533 Fax (954) 680-0323

November 6, 2019

Mr. Sean Brown, Fire Chief
Broward County Sheriff's Office
Fire Marshal's Office, Dania Beach District
103 W. Dania Beach Boulevard
Dania Beach, FL 33004

Re: Statement of Verification for "Avid Hotel"
321 N. Federal Highway, Dania Beach, FL 33004

Dear Chief Brown,

The proposed water main sizing, fire hydrant spacing, and fire hydrant locations, are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code.

Sincerely
PILLAR CONSULTANTS, INC.

Jay C. Evans

Jay C. Evans, P.E.
President

WAYNE
Automatic Fire Sprinklers, Inc.

Pillar Consultants, Inc.
5230 South University Drive
Davie, FL 33328

September 20, 2019

Dear Tommy Prudhomme,

Wayne Automatic Fire Sprinklers, Inc. has conducted a fire flow test for the following project:

Project Name: 321 North Federal Highway
Project Address: 321 North Federal Highway, Dania Beach, FL 33004
Hydrant Location: Hydrant #1 is located in front of the Holiday Inn Express
Fire Hydrants: 1
Test Date: September 16, 2019
The results of this test are:

STATIC PRESSURE:	59 PSI
RESIDUAL PRESSURE:	53 PSI
PITOT PRESSURE (1) HYDRANT FLOWING:	25 PSI
HYDRANT OUTLET COEFFICIENT:	.90
FIRE HYDRANT FLOW:	839 GPM
TIME OF TEST:	7:30 AM

The data contained herein are furnished only to demonstrate the available water supply at the time of hydrant flow test. Fluctuations to pressure and flow will occur due to demands on the system and other conditions beyond the control of Wayne Automatic Fire Sprinklers, Inc., therefore, additional criteria should be considered and additional independent test run to confirm pressures for use in design of any water distribution, sprinkler, or fire protection system.

Additionally, Wayne Automatic Fire Sprinklers, Inc. (WAFS) attests only to the correct use of generally recognized applicable procedures and techniques by experienced, qualified personnel in the execution of the fire flow test. WAFS in no way implies any guarantee as to the repeatability of the pressure/flow as observed and recorded. Neither does WAFS assume any liability for the overall quality of the water source.

Please contact me if you should have any questions.

Thank you,

José A. Mendez
SE Service Designer

MINUTES
MATTER
Because families and dreams become

WAYNE
Automatic Fire Sprinklers, Inc.

WATER FLOW TEST CHART

HYDRANT # AND LOCATION DATE: 16-Sep-2019

H1 Next hydrant downstream (south) of flow hydrant in front of Holiday Inn Express (Corner of NE 2nd St and Federal)

H2 Hydrant closest to address: 321 N. Federal Highway, Dania Beach, FL 33004

H3

TEST BY: W.A.F.S. Day or Week: 9/16/2019 TIME OF DAY: 7:30 MIN. OF FLOW: 0.5

WATER SUPPLIED BY: CITY WATER SUPPLY

PURPOSE OF TEST: CUSTOMER REQUEST

DATA

FLOW HYDRANT(S)	H1	H2	H3
SIZE OPENING:	2.5		
COEFFICIENT:	0.9		
PITOT READING:	25		
GPM FLOW:	**839**		0

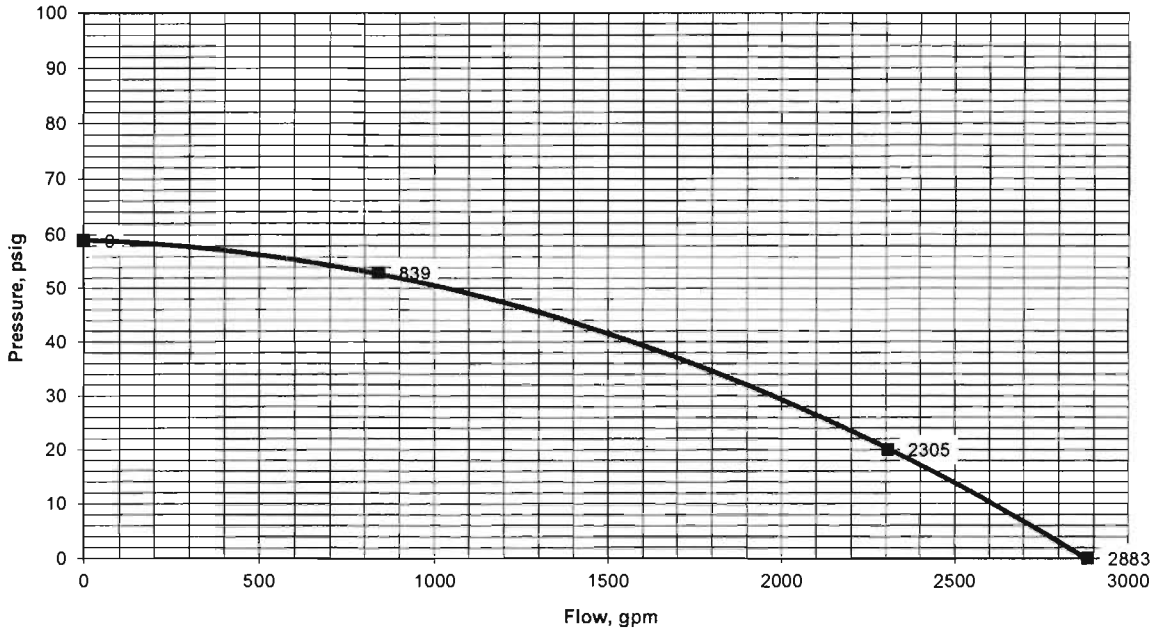
TOTAL FLOW DURING TEST: **839** GPM

STATIC READING: 59 PSI RESIDUAL: 53 PSI

RESULTS: AT 20 PSI RESIDUAL **2305** GPM AT 0 PSI **2883** GPM

ESTIMATED CONSUMPTION: 419 GAL.

REMARKS:



FLOW/ 24 HOUR
TEST HYDRANT
NE 3rd St
NW 1st Ave
A1A Guitars & Art
NW 1st Ave
STAT./ RES.
HYDRANT
Holiday Inn Express &
Suites Fort Lauderdale...
NW 2nd St
NE 2nd

FILE COPY
RECEIVED
NOV 20 2019
Planning Department

Avid Hotel

City of Dania Beach, Florida
321 N. Federal Highway, Dania Beach, FL 33004

Transportation Demand Management

Prepared by

Pillar Consultants, Inc.
5230 S. University Drive Suite 104
Davie, Florida 33328
(954) 680-6533

JAY CORLISS EVANS
LICENSE
No. 38[illegible]
STATE OF FLORIDA
PROFESSIONAL ENGINEER

11/13/2019
Project No. 15011C

1.0 INTRODUCTION

A new, 105-room Avid Hotel is proposed for development in the City of Dania Beach, Florida. The project site is located on the west side of Federal Highway (US 1) Approximately 140 feet south of Old Griffin Road. The site is currently vacant. Access to the project will be by means of a single two-way access driveway connection to Federal Highway on the south end of the project site.

Transportation Demand Management (TDM) strategies are a combination of incentives and services provided in efforts to reduce single–occupant vehicle (SOV) trips to help reduce parking demand.

2.0 REQUIRED OFF-STREET PARKING

Per *Code Sec. 265-50:*
(0.8) parking spaces are required per guest room for Hotels and Motels. Proposed 105-room Hotel = 84 parking spaces required

Per *Code Sec. 265-60:*
An Alternative Parking Standard study was prepared by Pillar Consultants, Inc. dated May 29th 2019, the required amount of parking spaces was determined to be 72 based on a measured parking rate of 0.68 space per room.

Per *Code Sec. 265-91(C):* Transportation Demand Management (TDM) Strategies are being implemented for a total required parking reduction of 10%.

Per the implementation of TDM strategies, the required amount of parking spaces would be reduced to 65 spaces.

3.0 PROPOSED TRANSPORTATION DEMAND MANAGEMENT STRATEGIES

A 10% reduction in required off-street parking spaces is being sought with the implementation of the following TDM strategies:

1. **Sheltered, secured bicycle storage facilities:**
   A sheltered and secured bicycle storage facility is being proposed on site. It will be Hotel Management's responsible to maintain and monitor the bicycle storage facility as a TDM measure. The approximate cost of installation is $2,000.00 with $50.00 of annual maintenance.

2. **On-site availability of public transit tickets for one (1) or more of the existing public transit providers or public transit subsidies for employees.**
   Hotel Management will be responsible for subsidizing employee bus passes at an approximate monthly cost of $70.00 per employee.

3. **Management recommendations for, and support of, using cellphone apps such as Google maps to determine when to travel to/from work based on local road network congestion.**
   Hotel Management will be responsible for recommending and encouraging the use of cellphone apps such as Google Maps or Waze to determine when to travel to/from work based on local road network congestion. This will be included in the Hotel's Employee Manual and compliance will be monitored by Hotel Management. There are no annual costs associated with this strategy.

4. **Airport shuttle service for guests.**
   Hotel Management will be responsible for providing shuttle services to and from Fort Lauderdale/Hollywood Airport for guests. The airport shuttle will be free of charge for all hotel guests. Hotel Management will be responsible for monitoring of this TDM strategy. The total annual cost for this service is estimated at $50,000.00.

5. **Reserved priority employee parking for qualifying multiple occupant vehicles with committed employee car pool/rideshare participation.**
   Three (3) reserved employee parking spaces are being provided on site for multiple occupant vehicles. The Hotel's Employee Manual will specifically encourage carpooling/ridesharing with associated benefits. Hotel Management will be responsible for monitoring the compliance of this TDM strategy. There are no annual costs associated with this strategy.

6. **Demonstration of a bus shelter or transit/bus pickup facility within three hundred (300) feet of the property on which the development is located.**
   Route 1 of the Broward County Transit System and the Breeze express bus both run along Federal Highway in front of the proposed development. There is an existing bus stop approximately 100 feet north of the project on Federal Highway. Please see attached Exhibit 'A' – Site & Bus Stop Locations. There are no annual costs associated with this strategy.

COMPLETE COUNT ADVISORY COMMITTEE MEMBERSHIP
Thursday, November 21, 2019

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Charlotte Sloboda 2905 Lakeshore Drive Dania Beach, FL 33312 954-559-5473 csloboda@bellsouth.net	September 10, 2019	July 30, 2019 through October 31, 2020	Lewellen
			Lewellen
Sherica Brown 405 South Federal Highway Dania Beach, FL 33004 240-778-7280 shazzamautospa@gmail.com	November 12, 2019	July 30, 2019 through October 31, 2020	Odman
			Odman
			Brandimarte
			Brandimarte
			Harris
			Harris
Jeffery Roberson 106 SW 5th Court Dania Beach, FL 33004 754-304-3661 Alt. 954-674-1082 Jroberson58@gmail.com	October 7, 2019	July 30, 2019 through October 31, 2020	James
			James

CREATIVE ARTS COUNCIL ADVISORY BOARD MEMBERSHIP
Wednesday, December 11, 2019

Name/Address Phone Number	Date Appointed	Term	Appointment
Henriette Kitte Arnold 101 SE 3rd Avenue, #504 Dania Beach, FL 33004 954.303.3498 hkitte@aol.com	January 10, 2017	November 2016 through November 2020	Brandimarte
Emmanual George 17 NE 2nd Avenue #106 Dania Beach, FL 33004 954.628.6143 th3g1ft88@gmail.com	December 13, 2016	November 2016 through November 2020	Harris
		November 2018 through November 2022	Lewellen
Roseprimevere Jacques 501 E Dania Beach Boulevard, 3J Dania Beach, FL 33004 954.261.4325 jroseprimevere@gmail.com	September 23, 2019	November 2018 through November 2022	Odman
Heather Holmes 43 SE 12th Street Dania Beach, FL 33004 754.802.4217 JohnHeatherHolmes@gmail.com	December 10, 2019	November 2016 through November 2020	James
			Ad Hoc Committee

CREATIVE ARTS COUNCIL ADVISORY BOARD MEMBERSHIP
Wednesday, December 11, 2019

Name/Address Phone Number	Date Appointed	Term	Appointment
Laura Lombardo 1401 NW 10th Street, Apt. South Dania Beach, FL 33004 954.258.1985 Laurarosey17@gmail.com	February 16, 2019	February 16, 2019 through February 16, 2021	Ad Hoc Committee
Sandy Goldberg 421 SE 10th Street, #105 A Dania Beach, FL 33004 954.290.3909 flygirlphoto@aol.com	March 20, 2018	March 20, 2018 through March 20, 2020	Ad Hoc Committee
Linda Wilson 1547 Adams Street Hollywood, FL 33020 954.929.8712 lb_wilson@bellsouth.net	May 16, 2017	May 16, 2017 through May 16, 2019	Ad Hoc Committee
Tony Walsh 235 SE 9th Street Dania Beach, FL 33004 904.252.1118 TWalshArts@aol.com	February 16, 2019	February 16, 2019 through February 16, 2021	Ad Hoc Committee
Kimberly Sheridan 481 South Federal Highway Dania Beach, FL 33004 954.376.6690 754.201.4161 (C) Kimberly@wmoda.com	June 19, 2018	June 19, 2018 through June 19, 2020	Ad Hoc Committee

CREATIVE ARTS COUNCIL ADVISORY BOARD MEMBERSHIP
Wednesday, December 11, 2019

Name/Address Phone Number	Date Appointed	Term	Appointment
Rose Lizana Dania Beach Press P.O. Box 128 Dania Beach, FL 33004 954.925.4227 daniapress@aol.com	July 16, 2012 July 16, 2013	July 16, 2013 through July 16, 2014	Associate Member 1 Year Term
Executive Director of the Dania Beach Chamber of Commerce Randie Shane P.O. Box 1017 Dania Beach, FL 33004 954.926.2323 rshane@daniabeachchamber.org	NA	NA	Associate Member
President of the Dania Beach Paul DeMaio Friends of the Library Linda Wilson	NA	NA	Associate Member
President of the Dania Beach Tourism Council Joe Van Eron 1500 S.W. Second Ave. Dania Beach, FL 33004-4209 954.925.6935 Cell: 954.383.5548 info@visitdaniabeach.com	NA	NA	Associate Member
Dania Beach Improvement Committee Representative Patricia Hart 954.922.8179 Cell: 954.895.8179 pbubbahart@bellsouth.net	NA	NA	Associate Member

CREATIVE ARTS COUNCIL ADVISORY BOARD MEMBERSHIP
Wednesday, December 11, 2019

Name/Address Phone Number	Date Appointed	Term	Appointment
Director of the City Parks and Recreation Department Eric Brown, Director 100 W. Dania Beach Blvd. Dania Beach, FL 33004 954.924.6800 x3730 ebrown@daniabeachfl.gov	NA	NA	Associate Member
City of Dania Beach CRA Economic Development Manager Deandre Spradley 100 W. Dania Beach Blvd. Dania Beach, FL 33004 954.924.6801 x3667 dspradley@daniabeachfl.gov	NA	NA	Associate Member
Don Mizell 187 NE 6 Ct. Dania Beach, FL 33004 310.343.3547 dmaceco@gmail.com	February 2013	NA	Honorary Member
Carolyn Jones 722 SW 3rd Street P.O. Box 1242 Dania Beach, FL 33004 954.920.0727 Cj2002@bellsouth.net	March 2016	NA	Honorary Member

EDUCATION ADVISORY BOARD
MEMBERSHIP
Friday, January 03, 2020

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Batia Dayan 3774 SW 49th Place Ft. Lauderdale, FL 33312 954-792-8211 – Work 917-755-5552 – Cell learnandsmile@yahoo.com	January 10, 2017	November 2016 through November 2020	Brandimarte
Diana Curry 113 NW 11th Avenue Dania Beach, FL 33004 954-923-7516 dcurry@aol.com	October 23, 2018	November 2018 through November 2020 (appointment taken over from Comm. Grace)	James
Mandraker Jagroop 4490 SW 24th Avenue Dania Beach, FL 33312 646-334-5743 mandray1989@aol.com	May 28, 2019	November 2018 through November 2022	Odman
		November 2018 through November 2022	Lewellen
Bonnie Carlton 1025 SE 2nd Avenue, #203 Dania Beach FL 33004 954-629-6006 (Cell) 954-920-8847 (Home) Bcarlton917@gmail.com	December 11, 2018	November 2018 through November 2020	Harris
Principal Tracey Jackson 754-323-5150 tracy.jackson@browardschools.com Assistant Principal Maureen Keenan maureen.keenan@browardschools.com		February 2013 through	Ex-Officio Collins Elementary School

EDUCATION ADVISORY BOARD
MEMBERSHIP
Friday, January 03, 2020

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Principal Lewis Jackson 754-323-5350 lewis.jackson@browardschools.com Assistant Principal Leslie Phillips leslie.phillips@browardschools.com		February 2013 through	Ex-Officio Dania Beach Elementary School
Principal Valerie Harris 754-323-3800 valerie.harris@browardschools.com		February 2013 through	Ex-Officio Olsen Middle School
		February 2013 through	Ad-Hoc

GENERAL EMPLOYEES PENSION BOARD
MEMBERSHIP
Tuesday, December 17, 2019

Name/Address Phone Number	Date Appointed	Term	Position
		June 22, 2018 through June 22, 2020	Commission Appointment
Luis G. Rimoli 902 Natures Cove Road Dania Beach, FL 33004 954-927-7161 954-478-0653 luis@stagedrightevents.com	February 26, 2019	March 22, 2019 through March 22, 2021	Commission Appointment
Adam Segal City of Dania Beach 100 W. Dania Beach Boulevard Dania Beach, FL 33309 954-924-6800 x 3620 asegal@daniabeachfl.gov	May 23, 2017	Open	Commission Appointment (Finance Director or Designee)
Leo Williams 8761 NW 10th Street Pembroke Pines, FL 33024 954-651-5031 leosupt@aol.com	May 2, 2018	June 21, 2018 through June 21, 2021	Employee Elected
Corinne Lajoie, Chair 3546 Coco Lake Drive Coconut Creek, FL 33073 954-651-5016 954-924-6805 x3704 corichurch.lajoie@gmail.com	August 14, 2019	June 21, 2019 through June 21, 2022	Employee Elected

GREEN ADVISORY BOARD
MEMBERSHIP
Monday, December 30, 2019

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
		November 2018 through November 2022	Odman
Alexandra Hiley 1450 SE 3rd Avenue, Apt. 303 Dania Beach, FL 33004 603-769-0824 alexandrahiley@gmail.com	June 25, 2019	November 2018 through November 2020	Brandimarte
Alexis Guillen 4410 SW 26th Avenue Dania Beach, FL 33312 305-804-3309 alexis.guillen@miaminewtimes.com	January 22, 2019	November 2018 through November 2020	James
Patricia Chukerman 545 SE 4th Court Dania Beach, FL 33004 954-552-9996 (C) 954-929-8289 (H) bykermom@me.com	November 21, 2016	November 2016 through November 2020	Harris
		November 2018 through November 2022	Lewellen
David Simonetta 908 E Las Olas Boulevard Fort Lauderdale, FL 33301 954-837-3090 davidjsimonetta@gmail.com	January 8, 2019	November 2018 through November 2020	Ad Hoc (James)

City of Dania Beach
City Manager's Office

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6800 · (954) 921-2604 (fax)

MEMORANDUM

Date: January 14, 2020

To: Mayor Lori Lewellen
Vice Mayor Lauren Odman
Commissioner Chickie Brandimarte
Commissioner Bill Harris
Commissioner Tamara James

From: Ana M. Garcia, ICMA-CM, City Manager

Subject: Manager's Report

The New Year has commenced with an all hands on deck approach to initiating, progressing on, and or finalizing pending projects and initiatives. The RFP for augmented Social Media was completed and now our PIO, who was a 1 person operation, has the professional support to increase our social media presence and community engagement. We will also better promote the City via videos and all sorts of informational campaigns.

Our first ever Parks and Recreation Holiday Camp was very rewarding as local parents/families were very appreciative of a safe and fun place for their kids to be during the holiday break. Through the efforts of our Parks Team 25, local youths had the opportunity to attend the Orange Bowl Classic at no cost to them or the City via sponsorship opportunities! Kudos to Anthony from the Parks Team for taking the initiative to seek and receive these coveted tickets. We are planning for a very successful Spring and Summer Camp this year as we continue to evolve in all areas of Parks programming.

Our new EMS/Fire Truck is up and running at Station 1 as we continue to focus on Public Safety, addressing fleet and station improvements. We recently received a grant for $800k from FEMA for Station 1 infrastructure/hardening and we are studying the options of improvements via a possible consideration to a new build. The same scenario for City hall is in the works as a 1.8 million dollar grant was received for hardening/infrastructure improvements. We are currently awaiting an assessment report that we will share with you to determine whether a new build versus restoration the is best way to go.

Speaking of City Hall, the mold remediation Project was successfully completed. The west wing of City Hall is completely cleaned, never to be a dumping ground again. We now have an additional 2600 square feet of much needed usable space.

The new Entryway Sign and Landscaping Project is 90% complete as I write this report. We anticipate the remaining pending items, mostly electric, to be completed the week of the 20th of January. I will provide you with some dates for a ribbon cutting ceremony.

Our goal for our strategic planning sessions is no later than March or April, as we believe and is best practice to incorporate, your priorities as elements to fund in Fiscal Year 2021. We anticipate to have dates for you by months' end.

We are concluding the first round of interviews for our IT Manager and Procurement Officer and we anticipate to have both of these key positions on board next month.

All departments are running on all cylinders and my first message to Department Directors, Assistant Directors and all key personnel at this Tuesday's agenda review meeting was: We will raise the bar on all areas of Community Services with a focus on innovation, creative efforts and attention to details.

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
FINANCE DEPARTMENT
MEMORANDUM

TO: Ana M. Garcia, City Manager, ICMA-CM

FROM: Adam Segal, Assistant Finance Director DFA-19-029

DATE: January 2, 2020

SUBJECT: Monthly Business Tax Licensing

Manager,

Per your request attached hereto is the Monthly Business Tax Receipt report reflecting new businesses.

DANIA BEACH
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Business Listing Report

Business Start Date 12/01/19 - 12/31/19
Report By Business Name

Business	Licensee	Address	Phone	Extension	Start Of Business	End Of Business
1217 INVESTMENTS LLC	1217 INVESTMENTS LLC	237 SE 1 ST, Dania Beach, FL 33004	(305) 962-1621		12/05/2019	
BLAIRE CONSTRUCTION LLC	BLAIRE CONSTRUCTION LLC	5201 SW 31 AVE 265, DANIA BEACH, FL 33312	(954) 325-7947		12/12/2019	
BURGERFI	BF DANIA LLC	11 S POINTE DR, DANIA BEACH, FL 33004	(754) 755-0955		12/30/2019	
CRESTRON ELECTRONICS INC	CRESTRON ELECTRONICS INC	1855 GRIFFIN RD B-108, DANIA BEACH, FL 33312	(800) 237-2041		12/12/2019	
EXTENDED LIFE WELLNESS CENTER	JOHN LEMUAL COSBY	1418 S FEDERAL HWY, Dania Beach, FL 33004	(954) 921-9555		12/10/2019	
INNOVA EYEWEAR CORP	INNOVA WORLDWIDE CORP	1206 STIRLING RD STE 3A-3B, DANIA BEACH, FL 33004	(954) 589-0216		12/04/2019	
IZUNOME ASSOCIATION USA	IZUNOME ASSOCIATION USA	37 S FEDERAL HWY B, DANIA BEACH, FL 33004	(954) 923-0509		12/09/2019	
JACOB COHEN	JACOB COHEN	1477 NW 10TH STREET UNIT 1, DANIA BEACH, FL 33004	(954) 305-0100		12/31/2019	
LUX CHIROPRACTIC LLC	CAITLIN REIMER	19 S FEDERAL HWY, Dania Beach, FL 33004	(754) 444-9004		12/10/2019	
PROJEKT PROPERTY RESTORATION INC	PROJEKT PROPERTY RESTORATION INC	1200 STIRLING RD 4A, DANIA BEACH, FL 33004	(954) 556-8831		12/03/2019	
ROBERT KOSCINSKI	ROBERT KOSCINSKI	415 SE 11 TER 206, Dania Beach, FL 33004	(423) 255-2287		12/30/2019	
SCOOTAROUND INC	SCOOTAROUND INC	950 ELLER DRIVE BAY 5, DANIA BEACH, FL 33004	(954) 463-3304		12/09/2019	
SONIA PERRET-CORRIDON	SONIA PERRET-CORRIDON	5748 LAGOON DR, DANIA BEACH, FL 33312	(786) 440-4435		12/10/2019	
WALKER DECALS LLC	WALKER DECALS LLC	342 SW 1 AVE, Dania Beach, FL 33004	(754) 423-9957		12/11/2019	

Businesses 14

DANIA BEACH
SEA IT. LIVE IT. LOVE IT.

CITY OF DANIA BEACH
BROWARD SHERIFF'S OFFICE (BSO)

MEMORANDUM

DATE: **January 7, 2020**

TO: Ana M. Garcia, ICMA- CM, City Manager

FROM: Daniel J. Marks, Captain

RE: **Dania Beach Monthly Memo to City Manager for Commission Meeting**

This memorandum is in reference to the upcoming Commission Meeting scheduled for January 14, 2020 at 7 pm.

Beginning January 1st, we started issuing traffic citations for Texting While Driving. Numerous crashes have been caused by texting while driving and we are hoping that enforcing this law will result in less crashes.

We are still seeing cases of fraud where a suspect will claim to work for the government and threaten to cut off disability checks or arrest them if a payment is not made. If you are ever unsure of who you are speaking with hang up and call the bank or business directly. Remember, the IRS will not call you.

Please be cautious while shopping. Always keep your belongings on your person. We recently experienced the theft of a purse out of a shopping cart.

We are now working with the RING application. Our criminal investigations division monitors the site to obtain footage of crimes and suspicious activity. We have made numerous arrests because of the application and residents are encouraged to forward videos to us.

That concludes my report.