

AGENDA
DANIA BEACH CITY COMMISSION
REGULAR MEETING
TUESDAY, OCTOBER 24, 2017 - 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 ONE HUNDRED DOLLARS (\$100.00) REGISTRATION FEE FOR EACH PRINCIPAL OR EMPLOYER. REGISTRATION FORMS ARE AVAILABLE ON THE CITY WEBSITE: WWW.DANIABEACHFL.GOV. (ORDINANCE #2012-019)

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.
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1. CALL TO ORDER/ROLL CALL

2. MOMENT OF SILENCE AND PLEDGE OF ALLEGIANCE

3. PRESENTATIONS AND SPECIAL EVENT APPROVALS

- 1. Rebuilding Together Dania Beach Oasis - Robin Martin, Executive Director, Rebuilding Together Broward
- 2. Special Event request from Ragnar Relay South Beach to hold a relay starting in Melbourne Beach, Florida to South Miami Beach, Florida, on November 12, 2017 from 6:00 a.m. - 2:00 p.m.

4. PROCLAMATIONS

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 the October 10, 2017 City Commission Meeting

2. Travel Requests: None

3. RESOLUTION NO. 2017-126

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RELATING TO CHANGE ORDER NO. 2 FOR THE LIME SOFTENING PLANT CHLORINE UPGRADE PROJECT TO BE PAID TO CLOSE CONSTRUCTION, LLC, IN THE AMOUNT OF FOUR THOUSAND FIVE HUNDRED TWENTY SEVEN DOLLARS AND THIRTY TWO CENTS (\$4,527.32); PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

4. RESOLUTION NO. 2017-127

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR ADDITIONAL APPROPRIATION OF FUNDS FOR FISCAL YEAR 2017-2018; PROVIDING FOR CONFLICTS; PROVIDING FOR FUNDING; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

5. RESOLUTION NO. 2017-128

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO UTILIZE THE ALLOWANCES BUDGETED UNDER THE TAYLOR LANE DRAINAGE IMPROVEMENT PROJECT TO FUND CHANGE ORDER NO. 1 FOR CONSTRUCTION CONTRACT COSTS with EVERGLADES CONTRACTING, LLC; providing for conflicts; further, PROVIDING FOR AN EFFECTIVE DATE.

6. RESOLUTION NO. 2017-129

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING RESOLUTION 2017-075 WHICH AUTHORIZED A ONE-YEAR EXTENSION OF AN EXISTING AGREEMENT WITH CORE & MAIN (FORMERLY KNOWN AS H.D. SUPPLY WATERWORKS GROUP INC.) TO MEET THE CITY'S WATER METER PURCHASING NEEDS; AUTHORIZING THE CITY MANAGER TO PURCHASE WATER METERS AT SPECIFIED COSTS WITH THE COMPANY IN AN ANNUAL AMOUNT EXCEEDING TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) WITH PURCHASE COSTS BEING LIMITED TO AND PAID FROM APPROVED ANNUAL BUDGET APPROPRIATIONS FOR PURCHASE OF WATER METERS FOR A THREE (3) YEAR PERIOD; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE

DATE.

7. RESOLUTION NO. 2017-130

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR APPROPRIATION OF FUNDS FOR FISCAL YEAR 2016-2017; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

8. RESOLUTION NO. 2017-131

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS HAULING SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES INC, UTILIZING PRICING AWARDED UNDER THE SOLID WASTE AUTHORITY OF PALM BEACH COUNTY RFP NO. 17-204SLB DATED MAY 8, 2017, ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

9. RESOLUTION NO. 2017-132

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS DISPOSAL SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES, INC. DATED SEPTEMBER 13, 2017 ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

10. RESOLUTION NO. 2017-133

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS MONITORING SERVICES PROVIDED BY ROSTAN SOLUTIONS, LLC, UTILIZING PRICING UNDER CITY OF CORAL SPRINGS RFP #13-B-097 DATED MAY 17, 2017, ENTERED INTO UNDER EMERGENCY CONDITIONS ON BEHALF OF THE CITY OF DANIA BEACH BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; PROVIDING FOR CONFLICTS;

FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

8. BIDS AND REQUESTS FOR PROPOSALS

1. RESOLUTION NO. 2017-134

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO AWARD BID NO. 17-005 FOR THE OASIS XIII NEIGHBORHOOD IMPROVEMENT PROJECT BID TO DP DEVELOPMENT OF THE TREASURE COAST, LLC IN THE AMOUNT OF ONE HUNDRED FIFTY THREE THOUSAND FIVE HUNDRED EIGHTY DOLLARS AND EIGHTY CENTS (\$153,580.80); PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

9. PUBLIC HEARINGS

1. RESOLUTION NO. 2017-135

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-002-17) AND ASSOCIATED DESIGN VARIATIONS (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17), VARIANCES (VA-74-17, VA-81-17, VA-82-17, VA-84-17, VA-94-17) AND EXCEPTION (OT-73-17), AND USE OF HEIGHT INCENTIVE SUBMITTED BY DANIA AIRPORT HOTELS LLC, DANIA AIRPORT HOTELS 2 LLC AND DANIA BEACH INVEST, LLC FOR PROPERTIES GENERALLY LOCATED ON THE EAST SIDE OF NORTH FEDERAL HIGHWAY BETWEEN NW 1 STREET AND EAST DANIA BEACH BOULEVARD FOR THE HOTEL SITE AND ON THE EAST SIDE OF NE 1 COURT BETWEEN NE 1 STREET AND EAST DANIA BEACH BOULEVARD IN THE CITY OF DANIA BEACH, FLORIDA AS LEGALLY DESCRIBED IN EXHIBIT “A”, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONDITIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

10. DISCUSSION AND POSSIBLE ACTION

1. Discussion of Draft List of Proposed MPO Projects - Marc LaFerrier, Director of Community Development
2. Permit Regulations - Mayor James

11. COMMISSION COMMENTS

1. Commissioner Brandimarte
2. Commissioner Grace

3. Commissioner Salvino
4. Vice-Mayor Harris
5. Mayor James

12. APPOINTMENTS

1. Airport Advisory Board
Commissioner Salvino - 1 appointment
2. Green Advisory Board
1 Alternate Appointment

13. ADMINISTRATIVE REPORTS

1. City Manager
2. City Attorney
3. City Clerk - Reminders
 - Wednesday, October 25, 2017 - 2:00 p.m. City Commission Workshop
 - Tuesday, November 14, 2017 - 6:00 p.m. CRA Board Meeting
 - Tuesday, November 14, 2017 - 7:00 p.m. City Commission Meeting
 - Monday, December 11, 2017 - 6:00 p.m. CRA Board Meeting
 - Monday, December 11, 2017 - 7:00 p.m. City Commission Meeting

14. ADJOURNMENT

Date: October 18, 2017

To: Robert Baldwin, City Manager

From: Colin Donnelly, Assistant City Manager

Subject: Rebuilding Together Broward
Dania Beach Oasis Event – Veterans Day Celebration

Rebuilding Together Broward is partnering with the City of Dania Beach for an Oasis Event to paint homes in the Oasis 10 area (NW 10 Ct.) on Saturday November 11, 2017. Rebuilding Together Broward states,

“Rebuilding Together Broward repairs homes of those in need. We intend to preserve and revitalize houses and communities in Broward County ensuring that low-income homeowners live in warmth, safety and independence.”

Rebuilding Together Broward is asking the City of Dania Beach to join Church United to celebrate Love South Florida Block Rebuild. This is a part of a month-long call to service that exemplifies the mission of Rebuilding Together and the dozens of local churches that are partnering to impact the community.

In addition to painting homes and in honor of Veteran’s Day, American Legion Post 304 will be painted and landscaped, along with the home of a veteran.

Event Day Overview

Rebuilding Together Dania Beach Oasis Veterans Day Celebration

Saturday, November 11, 2017
@ CW Thomas Park, 800 NW 2nd St

Event Day Overview	Times
Breakfast & Registration begins	7:30 a.m.
Veteran's Day Ceremony	8:00 a.m.
American Legion Post 304	

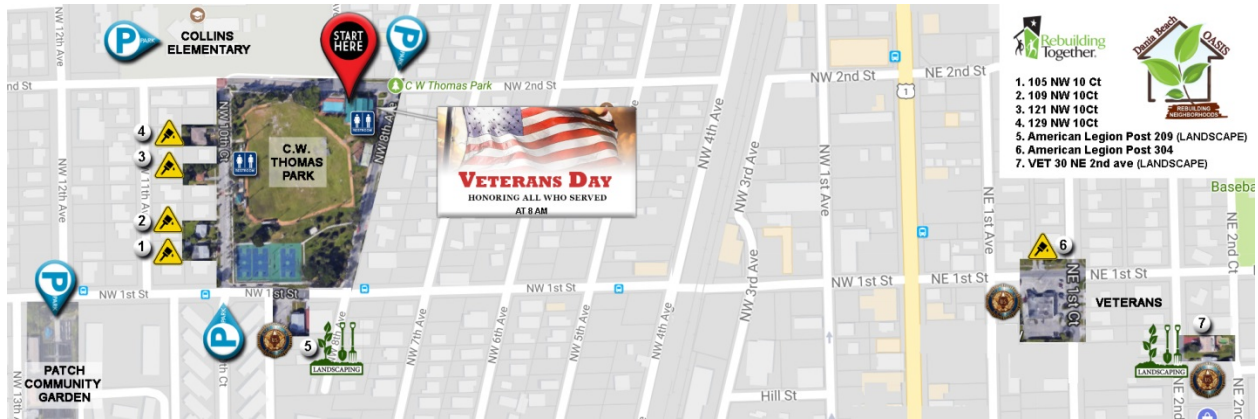
National Anthem by Kadash Knowles

Speakers: City Officials & American Legion

Deployed to Project Homes 8:30 a.m.

Lunch Set Up at park 12:00 p.m.

Break-down and Clean Up 1:00 p.m.



2017

REBUILDING TOGETHER DANIA BEACH OASIS

Together We Transform





Our Mission

Preserve and restore safe and healthy homes for homeowners in need.



Working Together to Make a Difference

Everyone deserves to live in a safe and healthy home.

Our work addresses crucial home repairs, safety improvements, energy retrofits and neighborhood revitalization activities that benefit low income homeowners who are seniors and veterans.

Each year we work with more than **700** volunteers, skilled tradespersons and companies who help us provide health, safety and quality of life enhancements to more than **50** families and homes.



Volunteers and Partners work to create a difference in the community

Our Programs

Through our Safe and Healthy housing principles, Rebuilding Together focuses on target demographics to include the following programs:

Community revitalization: We believe in a home by home, block by block approach, by working with community partners and neighborhoods we are not only improving the quality of life for individual homeowners, but entire blocks and neighborhoods

Aging in Place: Provides the modifications and accessibility improvements that enable low-income elderly homeowners to age comfortably and safely in their own homes.

Veterans Housing: Focuses on serving those who served. Often times, our veteran and active military persons struggle to maintain basic repairs on their homes. Additionally, we accessibility modifications for veterans wounded in service to our country.

Disaster Recovery: In the wake of disaster, the ability to return to a home that is safe and restored is a vital step towards a return to normalcy. Our focus at Rebuilding Together is on long-term recovery, helping families and communities rebuild long after the storm has gone.

Home Depot – Giving a Disable Veteran a Place to Enjoy



Rebuilding Together Dania Beach Oasis

Community Revitalization
Saturday, November 11, 2017
@ CW Thomas Park, 800 NW 2nd St



Event Day Overview

Times

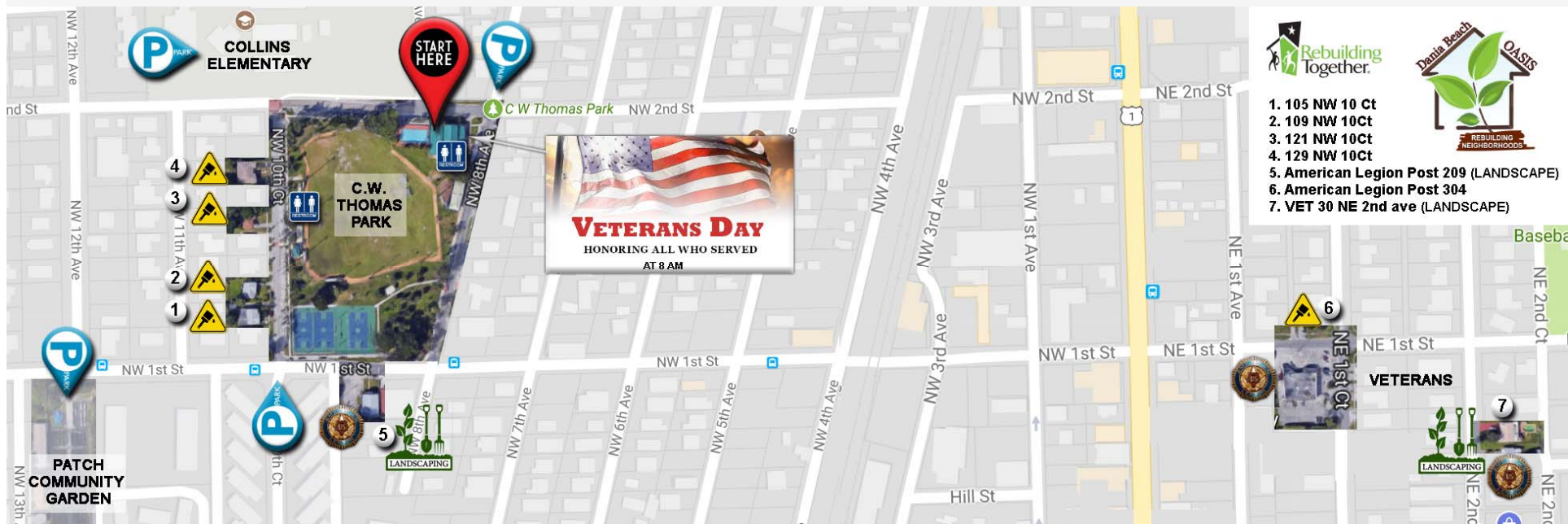
Breakfast & Registration begins	7:30 a.m.
Veteran's Day Ceremony	8:00 a.m.
American Legion Post 304	
American Legion Post 209	
National Anthem by Kedash Knowles	
Deployed to Project Homes	8:30 a.m.
Lunch Set Up at park	12:00 p.m.



Rebuilding Together Broward is partnering with the City of Dania Beach for an Oasis Event to paint homes in the area. We invite you to join The City of Dania Beach, Church United and Rebuilding Together Broward as we celebrate Love South Florida Block Rebuild. This is a part of a month-long call to service that exemplifies the mission of Rebuilding Together and the dozens of local churches that are partnering to impact the community.

Volunteers Needed







For More Information

Robin Martin, Executive Director
(954) 772-9945

Robin@RebuildingTogetherBroward.org

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 Ragnar Relay South Beach to hold a relay starting in Melbourne Beach, Florida to South Miami Beach, Florida, on November 12, 2017 from 6:00 a.m. - 2:00 p.m.

Purchasing Requests ONLY

Dept:

Acct #:

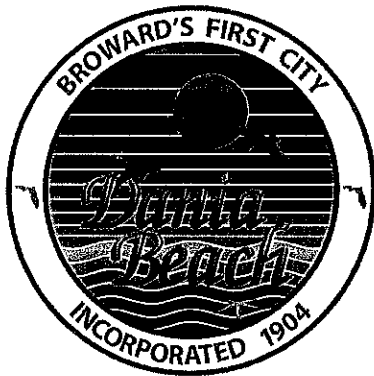
Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Special Event Application, Memo to Commission, Leg 31 Route Map, Leg 32 Route Map, Supplemental Info, BSO PD Comments Based on Revised Route



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 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. **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

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:

Ragnar Relay South Beach - November 12th, 2011 - 6am - 2pm

*Brief Description of the Event:

Running relay starting in Melbourne Beach, FL stretching down 200-ish miles to the finish line in South Miami Beach, FL.

Address/Location of Event: Attucks Middle School - 3500 N 22nd Ave. Hollywood, FL 33020

Event Coordinator: Bria Todd

Telephone #1: 559.380.7120

E-mail Address: bria@ragnarrelay.com

Telephone #2: 877.837.3529

Fax: 801.499.5023

Additional Contact Person for the Event: Lambert Budzinski

Telephone #1: 513.543.8405

E-mail Address: lambert@ragnarrelay.com

Telephone #2: 877.837.3529

Fax: 801.499.5023

Organization or Sponsor of Event: Ragnar Events, LLC

Address: 12 South 400 West, 2nd Floor

City, State, Zip Code: Salt Lake City, UT 84101

Telephone: 877.837.3529 Fax: 801.499.5023 Cell: 559.380.7120

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: _____

***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? \$1600 Fee charged prior to event.

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

If so, Indicate the city location of last event: Miami - Key West, FL 2016

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

Number of Expected Daily Attendants: 1,800 (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
Sunday	11/12/2017	7:00 AM	3:00 PM	8 hrs

Anticipated Date and Time to Begin Set-Up: 6:00 AM

Anticipated Date and Time for Completion of Break-Down: 3:00 PM

*Do you have a site plan for the event to be submitted with this application? ☐ Yes ☒ No - waiting on school.

***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: none.

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 retardancy 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.): _____

Please specify the hours of entertainment:

DAY	DATE	START TIME	END TIME	TOTAL # OF 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

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: _____

****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:** _____

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

***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? 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: _____

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:

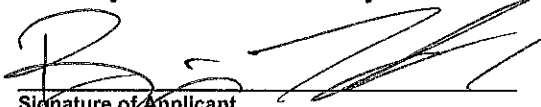
Rescue Truck - \$32.00 per hour

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.


Signature of Applicant

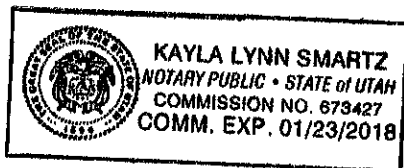
Race Director
Title

Brianna Todd
Print name of Applicant

9/13/2017
Date

STATE OF ~~FLORIDA~~ Utah
COUNTY OF ~~BROWARD~~ Salt Lake

The foregoing instrument was acknowledged before me on September 13, 2017.
by Bria Todd, who is personally known to me, or, if not, such person produced the
following form of identification: known.



NOTARY PUBLIC Kayla Smartz
My Commission expires: 1/23/18
My Commission number: 673427

Client#: 12863

RAGNARHOL

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

9/19/2017

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 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 Moreton & Company - Utah P.O. Box 58139 Salt Lake City, UT 84158-0139 801 531-1234	CONTACT NAME: Cheryl Phifer PHONE (A/C, No, Ext): 801 531-1234 FAX (A/C, No): 801-531-6117 E-MAIL ADDRESS: cphifer@moreton.com																					
INSURED Ragnar Holdings, LLC 12 South 400 West, 2nd Floor Salt Lake City, UT 84101	<table border="1"> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th><th>NAIC #</th></tr> <tr> <td>INSURER A:</td><td>Philadelphia Indemnity Insuranc</td><td>18058</td></tr> <tr> <td>INSURER B:</td><td></td><td></td></tr> <tr> <td>INSURER C:</td><td></td><td></td></tr> <tr> <td>INSURER D:</td><td></td><td></td></tr> <tr> <td>INSURER E:</td><td></td><td></td></tr> <tr> <td>INSURER F:</td><td></td><td></td></tr> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Philadelphia Indemnity Insuranc	18058	INSURER B:			INSURER C:			INSURER D:			INSURER E:			INSURER F:		
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INSURER D:																						
INSURER E:																						
INSURER F:																						

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 SUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☒ POLICY ☐ PRO-JECT ☐ LOC OTHER:	X	PHPK1622130	03/19/2017	03/19/2018	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$0 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$3,000,000 PRODUCTS - COMP/OP AGG \$3,000,000 \$
	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ ALL OWNED AUTOS ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ☐ NON-OWNED AUTOS					COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB ☐ OCCUR EXCESS LIAB ☐ CLAIMS-MADE DED ☐ RETENTION \$					EACH OCCURRENCE \$ AGGREGATE \$ \$
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? ☐ Y/N (Mandatory In NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N/A				PER STATUTE ☐ OTH-ER ☐ E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$

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

Ragnar Relay South Beach 2017

2017 Certificate holder is listed as an Additional Insured with respects to General Liability per written contract. Dates for the event would be November 11th November 12th, 2017 + event description: Ragnar Relay South Beach 2017 is a long distance running relay race. The race will start in Melbourne, FL on Saturday November 11, 2017 and end in South Beach, FL on Sunday November 12, 2017. Each team is comprised of 12 (See Attached Descriptions)

CERTIFICATE HOLDER

CANCELLATION

City of Dania Beach
 Parks and Recreation Department
 100 West Dania Beach Blvd.
 Dania, FL 33004

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

Mark Camp...

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DESCRIPTIONS (Continued from Page 1)

individuals and 2 vehicles and runners will be starting using a staggered start system. We don't require road closures, all runners will be using sidewalks/road shoulders and will be obeying traffic laws.



City of Dania Beach

Parks and Recreation Department

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6800 · (954) 924-6813 (fax)

Date: October 24, 2017

To: Honorable Mayor and Commissioners

From: Robert Baldwin, City Manager

By: Mark Felicetty, Parks and Recreation Director

Subject: Ragnar Relay

Event Date: November 12, 2017

A special event is requested by Ragnar Relay South Beach to have a relay starting in Melbourne Beach, FL to South Miami Beach, FL., November 12, 2017 from 6:00 a.m. to 2:00 p.m.

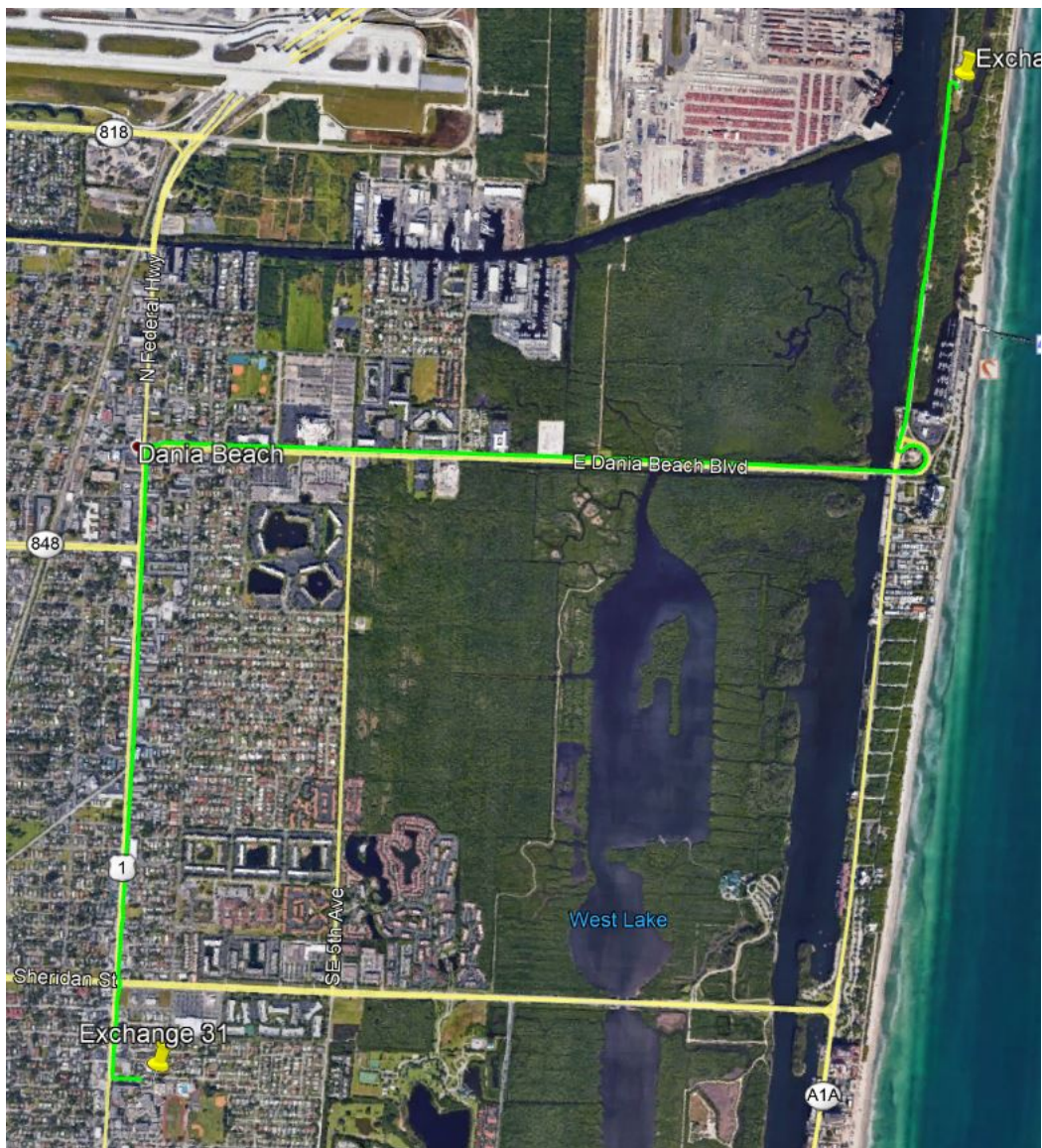
Applicant will pay for necessary services recommended below.

Recommendation: Approval with the compliance of the conditions noted below.

Staff	Comments/Conditions	
BSO Fire Dept. - Lt. Suarez	Insurance Rider required.	
BSO Police Dept. - Lt. Manfre	<i>See attached comments.</i>	
Code Enforcement - Eric Walton	No issues raised.	
Community Dev. - Julio Briceno	No permits required.	
Community Dev. - Corinne Lajoie	No issues raised.	
City Attorney - Tom Ansbro	No issues raised.	

HR/Risk Mgmt. - Kristin Milligan	No issues raised.	
Parks & Recreation - Mark Felicetty	No issues raised.	
Public Services - Ronnie Navarro	No issues raised.	

Leg 31 - 4.5 miles



Exchange 30B

Dr. Von D. Mizell-Eula Johnson State Park
Parking Lot #1
6503 N. Ocean Dr
Dania Beach, FL 33004
26.067116, -80.113036

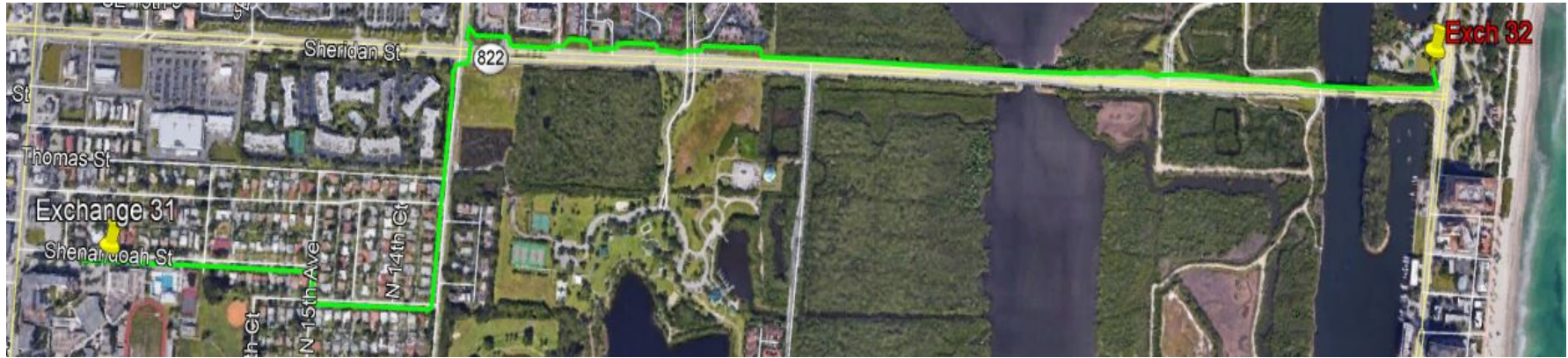
Turn-by-Turn

- Head south on N Ocean Dr toward the on ramp to A1A E Danie Beach Blvd, stay running against traffic on shoulder.
- Cross with police assistance, head on A1A E Dania Beach Blvd going west running with traffic on the SIDEWALK.
- Turn left onto S Federal Highway running AGAINST traffic on the SIDEWALK.
- Turn left onto Shenandoah St, running with traffic on the sidewalk.
- Arrival to Exchange 31 at South Broward High School.

Exchange 31

South Broward
High School
1901 N Federal Hwy
Hollywood, FL 33020
26.030331, -80.141990

Leg 32 - 2.0 miles



Exchange 31

South Broward

High School

1901 N Federal Hwy

Hollywood, FL 33020

26.030331, -80.141990

Turn- by-Turn

- Head east on Shenandoah St toward N 16th Ave, running on Sidewalk with traffic.
- Turn right onto N 15th Ave, running against traffic.
- Turn left onto Scott St, running on sidewalk with traffic.
- Turn left onto N 14th Ave.
- Turn right onto E Sheridan St, running against traffic on the sidewalk.
- Turn left onto N Ocean Dr.
- Arrive to Exchange 32 – Hollywood North Beach Park - Loggerhead.

Exchange 32

Hollywood North Beach Park

3601 N Ocean Dr

Hollywood, FL 33019

26.035148, -80.115030

October 17th, 2017

RE – Special Event Proposal- Reebok Ragnar Relay South Beach 2017

Dear City of Dania Beach,

Attached, please find information for Reebok Ragnar Relay South Beach 2017 event. This document is to serve as the event proposal.

Included information:

- A. Event Description
- B. Event Summary
- C. City of Dania Beach Event Schedule
- D. Sanitation Plan
- E. Safety, Emergencies and First Aid
- F. Signage Plan

We believe in providing a quality event that is safe and fun for participants and all involved. We look forward to continue working with you on this year's event.

Please contact our team regarding any questions you may have.
Best Regards,

Lambert Budzinski | Managing Race Director
Ragnar Relay Series | Ragnar Events, LLC
T 877 83-RELAY | F 801 499 5023 | 513-543-8405
lambert@ragnarrelay.com

Bria Todd | Race Director
Ragnar Relay Series | Ragnar Events, LLC
T 877 83-RELAY | F 801 499 5023 | 599-380-7120
bria@ragnarrelay.com



LAMBERT BUDZINSKI - RACE DIRECTOR
LAMBERT@RAGNARRELAY.COM
RAGNARRELAY.COM

OFFICE: 801-499-5024 EX. 137
FAX: 801-499-5023
CELL: 513-543-8405

12 SOUTH 400 WEST, 2ND FLOOR
SALT LAKE CITY, UT 84101

A. Event Description

Ragnar Relay South Beach is a long distance running relay race that will start in Melbourne Beach on Saturday, November 11th and finish in Miami Beach on Sunday, November 12th.

- We anticipate 300 teams to participate in the event. Each team is comprised of 6-12 individuals and 1-2 vehicles. Therefore, we anticipate about 3,400 participants and 600 support vehicles to be involved in the race.
- During the relay, each team member runs three legs. Only one person from each team will be running on the course at a time. There will only be 300 runners on the course at any given time.
- Start times are staggered, beginning at 5:00 AM and will continue until 1:00 PM. The objective for the staggered start time is to spread the participants out so that the impact on local traffic will be minimal to avoid large groups of runners clustering together.
- The entire group of runners will typically be spread out over a span of 30-40 miles.
- Runners are instructed to obey all traffic laws and regulations. The race course will utilize sidewalks, running paths, bike lanes, and road shoulders.
- We do not foresee a need to close any lanes of traffic or close any running paths to pedestrians or bike traffic.

B. Event Summary/Event Schedule

- All 300 teams will be assigned a start time based on their overall team pace.
- Slower paced teams will begin earlier and faster paced teams will begin later.
- Start times will be staggered by every 15-30 minutes.
- Starting waves do not exceed 25 teams.
- On Saturday, November 11th the first teams will depart Melbourne Beach at 5:00am.
- On Saturday, November 11th the last teams will depart Melbourne Beach at 1:00pm.
- Teams will visit 36 designated exchange points along the 200 mile course.
- Exchanges points serve as permitted transitions areas where the baton is passed between runners.
- Each exchange point has an exchange chute, portable toilets, designated parking, and volunteers on-site.
- Teams park briefly at the exchange locations while they await their incoming runner. After the baton is passed, inactive runners return to their vehicle and continue down the course.

C. City of Dania Beach Event Schedule

- First teams are expected to reach the City of Dania Beach limits at 7:25am on Sunday, November 12th.
- Exchange #31 located at South Broward High School (1901 N Federal Hwy, FL 33020)
 - Volunteers will arrive at 6:00am on Sunday, November 12th
 - First runners expected to arrive at 7:25am on Sunday, November 12th
 - Peak participants on site between 10:30am and 12:30pm on Sunday, November 12th
 - Last runners will come through at 1:45pm on Sunday, November 12th
 - All runners, volunteers, and staff will be off-site by 3:00pm on Sunday, November 12th



D. City Services – Sanitation Plan

Ragnar Goes Green

1. Cupless

- Ragnar Relay Events are now fully cupless races.
- All runners, volunteers, and staff are encouraged to bring their own cold and hot cups.

2. No Trash Containers at Minor Exchanges

- There will not be trash or recycle containers at any minor exchanges on the course.
- Upon check-in, Van 1 and Van 2 will each receive three clear trash bags and one blue recycle bag.

3. Trash/Recycling Receptacles at Major Exchanges

- All Major Exchange points will have a garbage dumpster and recycle container.
- At this point participants can discard their items in the appropriate container.
- Each Major Exchange point will also have 8-10 Ragnar issued garbage and recycling bins placed throughout the venue.
- Ragnar volunteers and Staff will be responsible for maintaining the bins and assisting the participants in disposing of items in the appropriate containers.

Sanitation Plan at Exchange #31 (South Broward High School)

- Participants will not be permitted to dispose of any garbage or recycle items at this exchange point.
- All participants will be directed to Exchange #30 or the Finish Line receptacles to dispose of their items.
- Ragnar volunteers and Staff will have extra garbage and recycle bags to clean up any unforeseen waste.
- All event waste from this exchange point will be taken to the Finish Line containers by Ragnar Staff.
- There will be 4 port-o-lets placed at this Exchange point.
- United Site Services will be providing the port-o-lets.
- Port-o-lets will be delivered on Saturday, November 11th.
- All port-o-lets will be maintained and opened to event attendees and the general public during event hours.



E. Safety, Emergencies and First Aid

Safety is our top priority. Runners are educated prior to the race concerning event and safety rules as follows:

- Each team must have at least six reflective vests and two flashlights. Runners starting their legs during designated night hours must be wearing a reflective vest, tail/butt light and holding a flashlight or headlamp.
- Any team-member spectator must wear a reflective vest during these hours when outside their vehicle.
- Runners are required to obey all traffic laws and we instruct them to use the sidewalk when available.
- Ragnar provides a Race Command number during the race. Runners may text Race Command for any concerns or problems out on the course.
- In case of emergency all runners and staff will call 911. Then contact our Race Command number (661-Ragnar1) to let race staff know of the emergency.
- We have 8-12 Ragnar Staff and trained volunteers on the course at all times monitoring the course.
- A Medic Station and Medical Staff will be located at each major exchange location and the Finish Line. These Medic Stations will be equipped to handle heat exhaustion, and all minor sport injuries. We hire EMT intermediate personnel or above, either through a medical staffing agency or directly through local hospitals or emergency service personnel.
- In the event of a major medical emergency (i.e. any life-threatening condition or injury that requires immediate medical attention) we instruct runners/volunteers to first call 911.
- In addition to our own first aid services on the course, we list the local emergency rooms near the course, along with their address and phone number in the race packets.



F. Signage Plan

Along the route there will be course signs that communicate to the runners which direction to go, on what side of the road to run, which exchange they are at, etc. Directional signs are only placed at change of direction intersections. The signs are 42" High, 18" Wide, .25" Thick and are made of corrugated plastic. Each sign will be secured to a delineator post traffic cone. Sign examples can be seen below:





Dunleavy, Sherie

From: Dunleavy, Sherie
Sent: Wednesday, October 18, 2017 9:46 AM
To: bria@ragnarrelay.com
Subject: FW: Ragnar Relay

From: Manfre, Robert [mailto:Robert_Manfre@sheriff.org]
Sent: Tuesday, October 17, 2017 4:36 PM
To: Dunleavy, Sherie; Schneider, Tom
Cc: Lottier, Christine; Felicetty, Mark; Daniel Marks; Stallings, Darryl
Subject: RE: Ragnar Relay

Sherie, Based upon the new route I am now recommending a third deputy or Hollywood Officer to be stationed at Sheridan and Federal Highway (this intersection is both in BSO and Hollywood's jurisdiction).
Lt Manfre

From: Dunleavy, Sherie
Sent: Monday, October 16, 2017 12:27 PM
To: Donnelly, Colin
Cc: Felicetty, Mark
Subject: FW: Ragnar Relay

The Ragnar relay scheduled for 11/12 has been reviewed by the review team. The final comments came in today from Lt Suarez at BSO FMO. I checked with Bria Todd this morning about Lt. Manfre's concerns below and apparently, as Attucks middle incurred damage, they are working on a new location to switch out runners along with an updated route. Please see dialog below.

This must be in the 10/24 agenda in order to move forward so we are requesting your permission to ask Tom S. to put a placeholder on the agenda for the 10/24 Agenda. Thank you.

From: Bria Todd [mailto:bria@ragnarrelay.com]
Sent: Monday, October 16, 2017 12:19 PM
To: Dunleavy, Sherie
Subject: RE: Ragnar Relay

Good Morning/Afternoon Sherie,

Yes I spoke with Lt. Manfre twice and confirmed with him that all changes have been made, we have recently lost our exchange at Attucks Middle School as they have hurricane damage and are quickly working on a new location for our teams to switch out runners. May I call you this afternoon about an update? I can also send you a corrected route that was discussed with the Lieutenant over the phone where our runners will cross with police assistance and run with traffic on the sidewalk over the bridge and along-side Dania Beach Blvd (A1A). I understand he is requesting police be at the two high volume traffic intersections, which I am happy to do. I know he wasn't happy that our runners aren't coming in groups as they are spread out over a 30-40 mile span (or in other words 350 runners spread out over 8-10 hours as they all have different paces), I also addressed that this is not a timed event and these runners are not competing for a cash prize.

I have been working with multiple cities and have addressed safety concerns and am happy to continue to do so to make sure this works for both the city, police, and public safety.

Please let me know what additional information I may provide and if you would like to hop on a call to follow up with any questions or comments.

Thank you,

Bria Todd / Race Director
Ragnar Relay Series | Ragnar Events, LLC
12 South 400 West | Second Floor
Salt Lake City, UT 84101
(c) 559.380.7120
bria@ragnarrelay.com | www.runragnar.com

From: Dunleavy, Sherie [<mailto:sdunleavy@daniabeachfl.gov>]
Sent: Monday, October 16, 2017 10:08 AM
To: Bria Todd <bria@ragnarrelay.com>
Subject: FW: Ragnar Relay

Were these concerns addressed. Additionally, please see attached from Broward County Fire Rescue.

From: Manfre, Robert [<mailto:Robert.Manfre@sheriff.org>]
Sent: Wednesday, September 27, 2017 2:28 PM
To: Dunleavy, Sherie; Sean Brown; Suarez.Daniel@sheriff.org; Frank Ross; Muggeo, Lisa; Daniel Marks; Session, Taryn; Hoff, Eric; Briceno, Julio; LaFerrier, Marc; Lajoie, Corinne; Walton, Eric; Urow, Barbara; Ansbro, Tom; Donnelly, Colin; Kaine, Brad; Navarro, Ronnie; Kallicharan, Carl; Felicetty, Mark; Ismail, Hakeem; Acosta, Rafael; Jensen, Mark; Huck, Michael; Writer, Cyrus; Rodriguez, Richard; Bordy, Katia; Norena, Eleanor; Briceno, Julio; Milligan, Kristin; Stallings, Darryl
Cc: Daniel Marks; Stallings, Darryl
Subject: RE: Ragnar Relay

Sherie, BSO comments are as follows:

Concerns

1. When exiting the park runners will be running in the south bound traffic lane as there are no sidewalks, shoulders, paths or bike lanes (Hollywood).
2. Upon approaching the ramp of the bridge runners will transition to eastbound Dania Beach Blvd on the South side of the road and will be running on a very narrow sidewalk which will cause crowding (Hollywood).
3. Once off the bridge the sidewalk ends on the south side of the bridge for approximately two (2) miles, which means runners will be running in the West Bound Traffic lane of Dania Beach Blvd as there are no bike lanes, paths or safe shoulders (Hollywood and Dania Beach)
4. Upon approaching Federal Highway they propose to head South on the sidewalk on the East side and then West on Stirling. These two locations are major intersections in Dania Beach which experience a high volume of traffic which travel at higher than normal speeds. Clearly a danger to large numbers of runners.
5. Upon surveying the entire route of this event it was noted that there are locations without sidewalks, bike lanes, adequate roadway shoulders or running pathways which could present safety issues for runners.

On 9/26/2017, I spoke with Bria Todd (at 559-380-7120), who is listed as the Event Coordinator in the Special Event Request. I shared my concerns (listed above), with her and indicated that I would be recommending the hiring of two (2) off duty detail deputies for traffic control at Dania Beach Blvd. and Federal Highway and at Federal Highway and Stirling Road. She indicated to me that all runners have been instructed to use sidewalks and comply with all applicable pedestrian laws. I also recommended that she adjust the route at the Bridge so that runners would stay on the North side of the bridge and stay on that side when heading East on Dania Beach Blvd. I also informed Ms. Todd to research Florida State Statute Section 316.130 which outlines Pedestrians Obedience To Traffic Control Devices and Traffic Regulations.

Lt. Manfre
Broward Sheriff's Office
Dania Beach District

From: Dunleavy, Sherie [<mailto:sdunleavy@daniabeachfl.gov>]

Sent: Tuesday, September 26, 2017 10:15 AM

To: Brown, KENNETH SEAN; Suarez.Daniel@sheriff.org; Ross, FRANK; Muggeo, Lisa; Marks, Daniel; Manfre, Robert; Session, Taryn; Hoff, Eric; Briceno, Julio; LaFerrier, Marc; Lajoie, Corinne; Walton, Eric; Urow, Barbara; Ansbro, Tom; Donnelly, Colin; Kaine, Brad; Navarro, Ronnie; Kalicharan, Carl; Felicetty, Mark; Ismail, Hakeem; Acosta, Rafael; Jensen, Mark; Huck, Michael; Writer, Cyrus; Rodriguez, Richard; Bordy, Katia; Norena, Eleanor; Briceno, Julio; Milligan, Kristin; Stallings, Darryl

Subject: FW: Ragnar Relay

Please review for special event requested for Sunday 11/12/2017. Thank you.

From: Bria Todd [<mailto:bria@ragnarrelay.com>]

Sent: Tuesday, September 19, 2017 5:19 PM

To: Dunleavy, Sherie

Cc: Felicetty, Mark

Subject: Ragnar Relay

Hello Sherie,

I apologize, my meetings today took longer than expected. Please see all that is attached. Application filled out, COI attached, Ragnar Event Specific to Dania Beach is attached, and the leg maps of our route in the area.

Please let me know of anything else you may need at this time or if you have any questions.

I look forward to hearing from you soon. I appreciate your time and willingness to still accept the application.

Thank You,

Bria Todd / Race Director

Ragnar Relay Series | Ragnar Events, LLC

12 South 400 West | Second Floor

Salt Lake City, UT 84101

(c) 559.380.7120

bria@ragnarrelay.com | www.runragnar.com

MINUTES OF REGULAR MEETING
DANIA BEACH CITY COMMISSION
TUESDAY, OCTOBER 10, 2017 – 7:00 P.M.

1. Call to Order/Roll Call

Mayor James called the meeting to order at 7:05 p.m.

Present:

Mayor:	Tamara James
Vice-Mayor:	Bill Harris
Commissioners:	Chickie Brandimarte
	Bobbie H. Grace
	Marco A. Salvino, Sr.
City Manager:	Robert Baldwin
City Attorney:	Thomas Ansbro
City Clerk:	Louise Stilson

2. Moment of Silence and Pledge of Allegiance

Mayor James called for a moment of silence followed by the Pledge of Allegiance to the United States Flag.

3. Presentations and Special Event Approvals

- 3.1 Special Event request from Commissioner Bobbie Grace to hold a Breast Cancer Awareness event in the Atrium at Dania Beach City Hall, 100 W Dania Beach Boulevard, on October 26, 2017 from 5:30 p.m. - 7:30 p.m.

Commissioner Salvino motioned to approve the Special Event request for Breast Cancer Awareness; seconded by Commissioner Grace. The motion carried unanimously.

4. Proclamations

- 4.1 Domestic Violence Awareness Month – Women in Distress

Mayor James and the City Commission presented the proclamation to Matt Williams, Communications Manager, Women in Distress of Broward County, Inc.

5. Citizen Comments

William Stber, 5421 Buchanan Street, Hollywood, commented that Harbor Town does not enforce rules at the Pier; it was better when the City ran it. There is a 3-rod limit, but people are bringing 7-8.

Commissioner Grace noted we will contact Westrec for them to do what they should do.

Christine Douglas, 4665 SW 38 Terrace, noted a neighbor at 4500 SW 38 Terrace needs help, and requested assistance for her elderly neighbor's property.

Commissioner Grace responded the Tamara James Foundation, Robert Chunn Foundation, and her Dania Economic Development Corporation will help. She added Public Services will also assist.

6. Public Safety Reports

Captain Daniel Marks, BSO Chief of Police, noted there was a bomb call at Collins Elementary today, but nothing was found. A student used his father's cell phone and made the call for the bomb threat; the student will be expelled. He reported on other criminal activity, and noted two Dolphins players went to Olsen Middle School today to participate in the after school program.

Sean Brown, Battalion Chief, BSO Fire Rescue, was available for questions.

7. Consent Agenda

7.1 Minutes:
Approve Minutes of the September 27, 2017 City Commission Meeting

7.2 Travel Requests: None

Resolutions

7.3 RESOLUTION #2017-120

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS FROM VARIOUS CITY DEPARTMENTS FOR TEMPORARY PERSONNEL SERVICES TO BE PURCHASED FROM VARIOUS STAFFING VENDORS UNDER THE SOUTHEAST FLORIDA GOVERNMENT PURCHASING COOPERATIVE GROUP CONTRACT 13-D-140F, FOR FISCAL YEAR 2017-2018, WHICH MAY EXCEED ANNUAL SINGLE VENDOR TOTALS OF TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00); INITIAL PURCHASES ARE TO BE MADE WITHIN THE RESPECTIVE DEPARTMENTS' APPROVED DEPARTMENTAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.4 RESOLUTION #2017-121

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF FUNDS BY THE CITY OF DANIA BEACH FOR SERVICES TO BE

PURCHASED FROM METRIC ENGINEERING, INC. FOR PROFESSIONAL LANDSCAPE ARBORIST SERVICES FOR FISCAL YEAR 2017-2018 ENDING SEPTEMBER 30, 2018, THAT EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); AUTHORIZING SUCH PURCHASES MADE WITHIN CITY DEPARTMENTS' APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.5 RESOLUTION #2017-122

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO APPLY FOR THE 2017/2018 COMPLETE STREETS AND OTHER LOCALIZED INITIATIVES GRANT PROGRAM TO PROVIDE FUNDING FOR THE IMPROVEMENT OF NW 1ST AVENUE, BETWEEN SW 3RD STREET AND NW 3RD STREET, WITHIN THE DANIA BEACH MUNICIPAL BOUNDARIES; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.6 RESOLUTION #2017-123

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO APPLY FOR THE 2017/2018 COMPLETE STREETS AND OTHER LOCALIZED INITIATIVES GRANT PROGRAM TO PROVIDE FUNDING FOR THE IMPROVEMENT OF NW 1ST STREET, BETWEEN BRYAN ROAD AND FEDERAL HIGHWAY, WITHIN THE DANIA BEACH MUNICIPAL BOUNDARIES; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.7 RESOLUTION #2017-124

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, WITHDRAWING AUTHORITY FOR THE PROPER CITY OFFICIALS TO APPLY FOR GRANT FUNDING IN THE AMOUNT OF TWO HUNDRED NINETY THOUSAND DOLLARS (\$290,000.00) THROUGH THE BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS' BROWARD REDEVELOPMENT PROGRAM (BRP) FOR PUBLIC IMPROVEMENTS RELATED TO AN OASIS PROGRAM NEIGHBORHOOD IMPROVEMENT PROJECT; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Commissioner Salvino motioned to adopt the Consent Agenda; seconded by Commissioner Grace. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	Yes	Vice-Mayor Harris	Yes
Commissioner Grace	Yes	Mayor James	Yes
Commissioner Salvino	Yes		

8. Bids and Requests for Proposals

There were no proposals on this agenda.

9. Public Hearings and Site Plans

9.1 RESOLUTION #2017-125

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE PLAT NOTE AMENDMENT DELEGATION REQUEST (DR-95-17) APPLICATION SUBMITTED BY JOSEPH DENIS ON BEHALF OF 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 AND, FURTHER, APPROVING A REQUEST TO THE BROWARD COUNTY COMMISSION TO USE CERTAIN TRAFFIC IMPACT FEES PAID BY DANIA LIVE 1748, LLC TOWARD FUNDING OF CERTAIN ROAD IMPROVEMENTS AS SPECIFIED HEREIN; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

City Attorney Ansbro read the title of Resolution #2017-125 and noted it was a quasi-judicial hearing and swore-in those who would speak. He asked the Commission to disclose any communication they had on this matter.

Marc LaFerrier, Director of Community Development, explained the requested plat note amendment.

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

Commissioner Grace motioned to adopt Resolution #2017-125; seconded by Commissioner Salvino. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	Yes	Vice-Mayor Harris	Yes
Commissioner Grace	Yes	Mayor James	Yes
Commissioner Salvino	Yes		

10. Discussion and Possible Action

10.1 Cancel the November 28, 2017 City Commission Meeting

Commissioner Salvino motioned to cancel the November 28, 2017 City Commission meeting; seconded by Commissioner Grace.

Vice-Mayor Harris suggested they meet and have a workshop because they have a lot of work to do.

The motion carried on the following 4-1 Roll Call vote:

Commissioner Brandimarte	Yes	Vice-Mayor Harris	No
Commissioner Grace	Yes	Mayor James	Yes
Commissioner Salvino	Yes		

10.2 Procedures for Renaming or Co-designating Streets – City Manager Baldwin

Colin Donnelly, Assistant City Manager, provided an explanation of the revised policy that was included in the agenda packet.

Mayor James noted the streets that are co-designated need to have the direction included in the title, such as NW Tamara James Avenue.

Rodney Collins, 24 SW 5th Avenue, clarified that signatures on petitions would need to be notarized. Assistant City Manager Donnelly confirmed it would be required for a street re-naming in order to verify the owner's signature.

Mr. Collins said he does not believe this will work if more than one block is involved. It is not fair to an organization to have them pay a notary to go with them all day to notarize signatures. Proceeding this way, streets will not be re-named in Dania Beach.

Commissioner Grace agreed with Mr. Collins, and noted we need to workshop this.

11. Commission Comments

11.1 Commissioner Brandimarte

Commissioner Brandimarte had no comments.

11.2 Commissioner Grace

Commissioner Grace noted her group will be upgrading 10 houses in her neighborhood, and then move into other neighborhoods.

Commissioner Grace recognized Public Works as her Employee of the Month. She is proud of how this City looks.

Commissioner Grace noted the City Christmas Party will be December 14 at IT Parker for all City employees.

Commissioner Grace mentioned her father had another seizure and is back in the hospital.

11.3 Commissioner Salvino

Commissioner Salvino commended Public Works for cleaning up the City. He noted FEMA funds are available for homeowners.

Commissioner Salvino asked Mayor James if we could reach out to schools with a program for the Christmas tree, to see if the children could wrap boxes to hang from the tree.

11.4 Vice-Mayor Harris

Vice-Mayor Harris noted Holy Cross Hospital is giving away free mammograms to women over 40 years of age who do not have insurance and have not had a mammogram in the past year.

Vice-Mayor Harris spoke of employee evaluation forms from Parkland and Weston that could be used for City employees. He confirmed no pay raise is included in the evaluation.

Vice-Mayor Harris asked about the appraisals for surplus property. Community Development Director LaFerrier responded some have come in and the rest should be in this week.

11.5 Mayor James

Mayor James said she wants to know what we are doing about the Commission conference room; it is very embarrassing and also hot in there. She questioned what we are going to do with this building, and noted we need direction from the Commission and actual action. In her opinion, we should just remodel the building as there is a lot of space here.

Mayor James addressed branding and said we have a few brands that will be coming to the City Commission. She would like a workshop and possibly have it at Redline Media Group, which has better screens than we have at City Hall. We could have a workshop next week to discuss this and all the other items that need discussion; we will need to coordinate with Redline. The City Manager will touch base with all Commissioners to set a date.

Mayor James confirmed we are purchasing policing through Parks & Recreation for the Dania Bears, and noted she knows officers who will volunteer their time. Chief Marks told her it is not allowed because there is a liability issue.

Mayor James noted there is a line item in the CRA Strategic Plan for branding, and asked if we can take that money for Redline since the CRA is not doing the branding. City Manager Baldwin said the Commission can use the money as they want.

12. Appointments

There were no appointments at this meeting.

Mayor James questioned if we need a Marketing Board, and the consensus was to add it to the workshop.

13. Administrative Reports

13.1 City Manager

City Manager Baldwin noted Public Services is requesting authorization of hurricane funds in the amount of \$63,198.00 to pay Yandil and Yadir Concrete Services for services rendered for cleaning the beach. Three (3) verbal quotes were obtained by Public Services on September 12,

2017. Per the City purchasing policy, this service would typically require a formal bidding process; however, Public Services did not have the time or the resources to complete an emergency bid for these services due to the extreme nature of the erosion and damage to the beach from Hurricane Irma.

Therefore, Public Services is seeking to have bidding waived by the Commission and to exceed the vendor threshold retroactive to the contract date and proceed with the lowest verbal quote. Funds for the cleanup are being requested in an amount not to exceed \$65,000.00.

Vice-Mayor Harris motioned to waive competitive bidding and ratify the contract with Yandil and Yadir Concrete Services retroactive to September 12, 2017 utilizing verbal quotes, and authorize the City to exceed the \$25,000.00 annual vendor threshold limit for a single vendor; seconded by Commissioner Grace. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	Yes	Vice-Mayor Harris	Yes
Commissioner Grace	Yes	Mayor James	Yes
Commissioner Salvino	Yes		

City Manager Baldwin advised the Chamber of Commerce submitted an invoice, as they have in the past for \$35,000.00. He asked the Commission if the Chamber was required to submit invoices as directed by the Commission at a previous meeting. Commissioner Grace noted the Dania Bears and MLK Celebration are the only two organizations required to submit detailed invoices prior to payment.

Vice-Mayor Harris motioned to approve the Chamber of Commerce invoice for \$35,000.00; seconded by Commissioner Grace. The motion carried on the following 5-0 Roll Call vote:

Commissioner Brandimarte	Yes	Vice-Mayor Harris	Yes
Commissioner Grace	Yes	Mayor James	Yes
Commissioner Salvino	Yes		

City Manager Baldwin provided a Hurricane Irma Cleanup update, which is attached to and incorporated into these minutes.

Commissioner Brandimarte noted we should move forward with renovations of City Hall, seeing what the City Manager experienced during the hurricane.

City Manager Baldwin submitted a travel request for Public Services Director Brad Kaine, which is attached to and incorporated into these minutes.

Commissioner Salvino motioned to approve Public Services Director Brad Kaine's travel request for \$227.50 to attend Florida APWA Executive Committee Meeting on October 20-21, 2017 in Longboat Key, Florida; seconded by Commissioner Grace. The motion carried unanimously.

City Manager Baldwin also provided an update on projects, which is attached to and incorporated into these minutes.

13.2 City Attorney

City Attorney Ansbro had no comments.

13.3 City Clerk - Reminders

Tuesday, October 24, 2017 - 7:00 p.m.

Tuesday, November 14, 2017 - 6:00 p.m.

Tuesday, November 14, 2017 - 7:00 p.m.

City Commission Meeting

CRA Board Meeting

City Commission Meeting

14. Adjournment

Mayor James adjourned the meeting at 8:25 p.m.

ATTEST:

CITY OF DANIA BEACH

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
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 DANIA BEACH, FLORIDA, RELATING TO CHANGE ORDER NO.2 FOR THE LIME SOFTENING PLANT CHLORINE UPGRADE PROJECT TO BE PAID TO CLOSE CONSTRUCTION, LLC, IN THE AMOUNT OF FOUR THOUSAND FIVE HUNDRED TWENTY SEVEN DOLLARS AND THIRTY TWO CENTS (\$4,527.32); PROVIDING FOR ASSURANCES; PROVIDING FOR FUNDING; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

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Exhibits Attached

Memo, Resolution, Close Construction LLC- Change Order No.2



City of Dania Beach

Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6808 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commissioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services

DATE: October 3, 2017

RE: Approve a Resolution for Close Construction, LLC for Change Order No.2

The Public Services Water Treatment Plant was notified by the Florida Department of Health in Broward County that there were a few small changes required for the Lime Softening Plant Rehabilitation – Filter Rehabilitation project. Two of the items covered were for metal repairs. The third dealt with a tank that the Florida Department of Health in Broward County required painted after the bid. The details are as follows:

Change Order #2

- Installation of a shower and eyewash with foot thread, alarm and light (required by Health Dept)

\$4,527.32 TOTAL ADD FOR THIS CHANGE ORDER

Recommendation

Public Services is recommending approval of the Close Construction Water Plant Rehabilitation – Filter Contract Change Order No. 2 in the amount of \$4,527.32 to be appropriated from the Water Funds Reserve Account No. 401-276-00-00 to the Water Fund Chlorine Project Account No. 401-33-41-533-63-10.

RESOLUTION NO. 2017-126

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RELATING TO CHANGE ORDER NO. 2 FOR THE LIME SOFTENING PLANT CHLORINE UPGRADE PROJECT TO BE PAID TO CLOSE CONSTRUCTION, LLC, IN THE AMOUNT OF FOUR THOUSAND FIVE HUNDRED TWENTY SEVEN DOLLARS AND THIRTY TWO CENTS (\$4,527.32); PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission approved Resolution 2015-020 on March 2015 authorizing advertisements for bids for the lime softening plantchlorine upgrade project; and

WHEREAS, the City Commission approved Resolution 2015-073 on July 28, 2015 awarding the bid to Close Construction, LLC in the amount of Two Hundred Thirty Six Thousand Four Hundred Ninety Three Dollars (\$236,493.00) plus Thirty Thousand Dollars (\$30,000.00) for additional contingency work related to Alternates 1 through 4; and

WHEREAS, the City Commission approved Resolution 2017-003 on January 10, 2017 for Change Order 1 for upgrades to address the concerns of the Florida Department of Health in Broward County and to address safety concerns; and

WHEREAS, the project now requires Change Order No. 2 to address additional unanticipated safety concerns of the Florida Department of Health in Broward County; and

WHEREAS, a detailed change order is attached as "Exhibit A" in the amount of Four Thousand Five Hundred Twenty Seven Dollars and Thirty Two Cents (\$4,527.32) outlining the additional work necessary to address these concerns; and

WHEREAS, the Public Services Director and the City Engineer recommend approval of Change Order No. 2 for upgrades to meet the Florida Department of Health safety concerns;

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

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

Section 2. That the City of Dania Beach, Florida approves Change Order No. 2 to provide for payment to Close Construction, LLC, in the amount of Four Thousand Five Hundred

Twenty Seven Dollars and Thirty Two Cents (\$4,527.32) and authorizes the City Manager to execute the necessary documents.

Section 3. That the City Manager and City Attorney are authorized to make minor revisions to such documents as are deemed necessary and proper for the best interests of the City.

Section 4. That funding for this change order will be appropriated from the Water Fund Reserve Account No. 401-276-00-00 to the Water Fund Chlorine Project Account No. 401-33-41-533-63-10.

Section 5. That all resolutions or part of Resolutions in conflict with any of the provisions of this Resolution are repealed.

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

PASSED AND ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

CHANGE ORDER #2

AIA DOCUMENT G702

PAGE ONE OF 1 PAGES 2

TO OWNER: City of Dania Beach
100 West Dania Beach Blvd.
Dania Beach, FL 33004

PROJECT: Lime Softening Plant
Rehabilitation-Sodium Hypochlorite
System Upgrade

FROM CONTRACTOR:

Close Construction, LLC.
301 NW 4th Avenue
Okeechobee, FL 34972

CONTRACT FOR: Construction

VIA CONSULTANT:

Public Utility Management &
& Planning Services, Inc.
P. O. Box 221890
Hollywood, FL 33022

PERIOD TO: May 15, 2017

Distribution to:
☐ OWNER
☐ ARCHITECT
☐ CONTRACTOR

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	\$ 266,493.00
2. Net change by Change Orders	\$ 14,884.31
3. CONTRACT SUM TO DATE (Line 1 + 2)	\$ 281,377.31

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$10,356.99	
Total approved this Month (PENDING)	\$4,527.32	
TOTALS	\$14,884.31	\$0.00
NET CHANGES by Change Order	\$14,884.31	

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR:

By: Thomas C. Close Date: 6/19/17

Thomas C. Close, President

State of: Florida

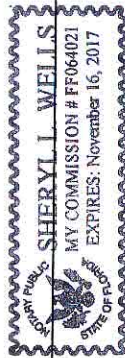
County of: Okeechobee

Subscribed and sworn to before me this 19th day of June, 2017

Notary Public: Sheryl L. Wells

My Commission expires:

CITY OF DANIA BEACH



By: Robert Baldwin Date: _____

Robert Baldwin, City Manager

State of: Florida

County of: Broward

Subscribed and sworn to before me this _____ day of _____

Notary Public:

My Commission expires:

By: Colin Donnelly Date: _____

Colin Donnelly, Assistant City Manager

Close Construction, LLC

301 NW 4th Avenue
Okeechobee, FL 34972

City of Dania Beach, Lime Softening Plant Rehabilitation - Sodium Hypochlorite Upgrades

Schedule of Values

A		B	C		D		E		F	G		H	I
ITEM NO.	DESCRIPTION OF WORK		SCHEDULED VALUE		WORK COMPLETED		THIS PERIOD	MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE TO DATE	%	BALANCE TO FINISH (G - G)	RETAINAGE (IF VARIABLE RATE)	
					FROM PREVIOUS APPLICATION (D + E)								
1	Owner Allowance / Contingency		\$30,000.00								\$30,000.00		
2	Mobilization / Demobilization		\$12,000.00								\$12,000.00		
3	Bonds / Insurance		\$5,000.00								\$5,000.00		
4	Submittals		\$4,500.00								\$4,500.00		
5	Permits		\$5,000.00								\$5,000.00		
	Design / Build Sodium Hypochlorite System Upgrade												
6	Design Fees		\$5,000.00								\$5,000.00		
7	Demolition		\$8,293.00								\$8,293.00		
8	Chemical Metering Pumps		\$120,000.00								\$120,000.00		
9	Chemical Piping / Valves		\$20,000.00								\$20,000.00		
10	Chemical Storage Tanks		\$32,000.00								\$32,000.00		
11	Electrical Work		\$7,500.00								\$7,500.00		
12	Exhaust Fan & Louver		\$5,000.00								\$5,000.00		
13	Overhead Door		\$7,500.00								\$7,500.00		
14	CMU Infills		\$4,000.00								\$4,000.00		
15	Restoration		\$700.00								\$700.00		
16	Change Order #1		\$10,356.99								\$10,356.99		
17	Change Order #2		\$4,527.32								\$4,527.32		
		</											

Accepted by: Close Construction, LLC By: , Thomas C. Close, President

CHANGE ORDER NO: 2
APPLICATION DATE: 5/15/17
PERIOD TO: 5/15/17

ARCHITECT'S PROJECT NO:



General Construction
Construction Management

March 14, 2017

Mr. Fred Bloetscher, P.E.
Public Utility Management & Planning Services, Inc.
P. O. Box 221890
Hollywood, FL 33022

Re: CHANGE ORDER PROPOSAL – Shower & Eyewash
Contract for Lime Softening Plant Rehabilitation – Hypochlorite System

Dear Fred:

Below is our proposal to furnish labor, material, and equipment for a complete installation of a shower and eyewash with foot thread, alarm and light.

ADD \$3,465.32	Furnish Haws Model 8336 Shower & Eyewash with food thread and Model 9001 alarm and light, as required by the Department of Health. (15-day lead time)
\$ 400.00	Labor to install
\$3,865.32	Subtotal
\$ 580.00	Contractor Overhead and Profit @ 15%
\$ 39.00	Insurance @ 1%
\$ 43.00	Bond @ 1.111%
\$4,527.32	TOTAL ADD FOR THIS PROPOSAL

Total Additional Contract Days Requested for this Work: 20 Days

We respectfully request that you advise us of your decision with regard to this additional proposed work. We are unable to proceed with this work until we receive your written instructions in this matter.

Please feel free to contact me should have any questions or concerns. Thank you for your consideration.

Sincerely,

Sheryl L. Wells
Project Management Assistant

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)		
APPROVE RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR ADDITIONAL APPROPRIATION OF FUNDS FOR FISCAL YEAR 2017-2018		

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

Fiscal Impact/Cost Summary

Exhibits Attached
Memo - BSO Fire Rescue Budget Amendment, Resolution



**CITY OF DANIA BEACH
DEPARTMENT OF FINANCE
MEMORANDUM**

TO: Robert Baldwin, City Manager
Colin Donnelly, Assistant City Manager

From: Nicki Satterfield, Finance Director

Memo: DFA-17-036

DATE: October 4, 2017

SUBJECT: BSO Fire Rescue Budget Amendment

The City Commission adopted the final budget for FY 2017-2018 in September 2017.

The Broward Sheriff's Fire Rescue Contractual Services budget was based on the preliminary consideration received on May 1, 2017 and projected amounts based on City Commission approval of additional staffing.

Subsequent to the approved budget the City has received the final consideration numbers from the Broward Sheriff's Office for both Police and Fire Rescue Services.

Further review by City Administration of City operations through the new fiscal year projects a need for additional funding appropriations in the BSO Fire/Rescue contractual services account based on the final consideration received in October 2017.

The General Fund, Fire Rescue Department Contractual Services Account is in need of additional funding in the amount of Twelve Thousand Eight Hundred Seventy Four Dollars (\$12,874.00) and therefore needs to be increased.

While a slight budgetary shortfall exists in the BSO Fire Rescue Division, the Law Enforcement final consideration resulted in a slight savings. Therefore, budgetary funds are available to be transferred from this division eliminating the need to request funds from Commission contingency.

Funding is available and shall be appropriated from General Fund Police Professional Services Account 001-21-01-521-31-10 to General Fund Fire Rescue Contractual Services Account 001-22-01-522-34-10 in the amount of Twelve Thousand Eight Hundred Seventy Four Dollars (\$12,874.00).

Staff recommends approval of the attached resolution authorizing re-appropriation of funds.

RESOLUTION NO 2017-127

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR ADDITIONAL APPROPRIATION OF FUNDS FOR FISCAL YEAR 2017-2018; PROVIDING FOR CONFLICTS; PROVIDING FOR FUNDING; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission of the City of Dania Beach approved a budget for fiscal year 2017-2018 in September, 2017; and

WHEREAS, the Broward Sheriff's Fire Rescue Contractual Services budget was based on the preliminary consideration received on May 1, 2017 and projected amounts based on City Commission approval of additional staffing; and

WHEREAS, further review by City Administration of City operations through the new fiscal year projects a need for additional funding appropriations in the BSO Fire/Rescue contractual services account based on the final consideration received in October 2017; and

WHEREAS, review by City Administration of the BSO Law Enforcement final consideration reflects available budgeted funds sufficient to cover the BSO Fire Rescue shortfall;

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

Section 1. That the General Fund, Fire Rescue Department Contractual Services is in need of additional funding in the amount of Twelve Thousand Eight Hundred Seventy Four Dollars (\$12,874.00) and therefore needs to be increased.

Section 2. That funding is available and shall be appropriated from General Fund Police Professional Services Account 001-21-01-521-31-10 to General Fund Fire Rescue Contractual Services Account 001-22-01-522-34-10 in the amount of Twelve Thousand Eight Hundred Seventy Four Dollars (\$12,874.00).

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 immediately upon its passage and adoption.

PASSED AND ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES.
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 OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO UTILIZE THE ALLOWANCES BUDGETED UNDER THE TAYLOR LANE DRAINAGE IMPROVEMENTS PROJECT TO FUND CHANGE ORDER NO. 1 FOR THE CONSTRUCTION CONTRACT COST WITH EVERGLADES CONTRACTING, LLC; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution, Everglades Contracting Change Order No.1, memo

RESOLUTION NO. 2017-128

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO UTILIZE THE ALLOWANCES BUDGETED UNDER THE TAYLOR LANE DRAINAGE IMPROVEMENT PROJECT TO FUND CHANGE ORDER NO. 1 FOR CONSTRUCTION CONTRACT COSTS WITH EVERGLADES CONTRACTING, LLC; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, a construction bid was awarded on December 13, 2016 under RFP 2016-166 and an agreement was approved in an amount of Five Hundred Thirty Nine Thousand Three Hundred Seventy Three Dollars (\$539,373.00) with Everglades Contracting, LLC (the “Contractor”) for the Taylor Lane Drainage Improvements Phase 1 Project; and

WHEREAS, at various stages of the project, unforeseen minor design modifications, additional permitting requirements and utility conflicts related to unforeseen conditions were encountered and resulted in a request for a change order submitted to the City by the Contractor; and

WHEREAS, allowances in the form of permit fees of Five Thousand Dollars (\$5,000.00), project contingency of Seventy Five Thousand Dollars (\$75,000.00), and additional paving costs of Fifteen Thousand Dollars (\$15,000.00) totaling Ninety Five Thousand Dollars (\$95,000.00) have been included in the original contract cost in anticipation of any change orders that may be encountered during construction; and

WHEREAS, some line items were adjusted which resulted in net reduction of quantities for which the Contractor is willing to credit funds back to the City; and

WHEREAS, staff requests authorization to use these allowances for Change Order No. 1; and

WHEREAS, this change order has been reviewed by the City’s Project Consulting Engineer, Premier Design Solutions (the “Consultant”), as well as the Public Services Director and the City Engineer; and

WHEREAS, the change order items are currently anticipated or are in the process of being submitted to the City from the Contractor for the completion of the Taylor Lane Drainage Improvements Phase I Project; and

WHEREAS, the Public Services Director requests approval of Change Order No. 1 which is attached as Exhibit “A” to Everglades Contracting, LLC which reduces the contract amount to Four Hundred Ninety Four Thousand Five Dollars and Twenty Eight Cents (\$494,005.28) and which represents a reduction of Forty Five Thousand Three Hundred Sixty Seven Dollars and Seventy Two Cents (\$45,367.72) from the original contract amount;

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

Section 1. That the foregoing “WHEREAS” clauses are true and correct and they are incorporated into this Resolution by this reference.

Section 2. That the Taylor Lane Drainage Improvements Change Order No. 1, a copy of which is attached as Exhibit “A”, is made a part of and is incorporated into this Resolution by this reference.

Section 3. That the City Manager and City Attorney are authorized to make minor revisions to such Change Order No. 1 as are deemed necessary and proper for the best interests of the City.

Section 4. That funding has already been approved and appropriated for this project in the original agreement with the Contractor and any remaining project funds are authorized to be transferred back to its original source of funding upon project closeout.

Section 5: That the City Commission approves the use of allowances from within the Taylor Lane Drainage Improvements Project to pay for Change Order No. 1 and change the contract amount to Four Hundred Ninety Four Thousand Five Dollars and Twenty Eight Cents (\$494,005.28) for the completion of the project.

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 be in force and take effect immediately upon its passage and adoption.

PASSED AND ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

AIA® Document G701™ – 2001

Change Order

PROJECT (Name and address):	CHANGE ORDER NUMBER: 1	OWNER: ☐
	DATE: October 3, 2017	ARCHITECT: ☐
Taylor Lane Drainage Improvement	ARCHITECT'S PROJECT NUMBER: 16-011	CONTRACTOR: ☐
TO CONTRACTOR (Name and address):	CONTRACT DATE: January 27, 2017	FIELD: ☐
Everglades Contracting LLC	CONTRACT FOR: General Contracting	OTHER: ☐
1946 Tyler Street, Suite 8		
Hollywood, FL 33020		

THE CONTRACT IS CHANGED AS FOLLOWS:

(Include, where applicable, any undisputed amount attributable to previously executed Construction Change Directives)

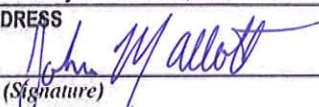
The original Contract Sum was	\$ \$539,373.00
The net change by previously authorized Change Orders	\$ \$0.00
The Contract Sum prior to this Change Order was	\$ \$539,373.00
The Contract Sum will be (increased) (decreased) (unchanged) by this Change Order in the amount of	\$ - \$45,367.72
The new Contract Sum including this Change Order will be	\$ \$494,005.28

The Contract Time will be (increased) (decreased) (unchanged) by () days.

The date of Substantial Completion as of the date of this Change Order therefore is December 31, 2017

NOTE: This Change Order does not include changes in the Contract Sum, Contract Time or Guaranteed Maximum Price which have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

ARCHITECT (Firm name)	Everglades Contracting LLC	OWNER (Firm name)
ADDRESS	1946 Tyler Street, Suite 8	ADDRESS
BY (Signature)		BY (Signature)
(Typed name)	John M. Abbott	(Typed name)
DATE	October 3, 2017	DATE

ITEM NO.	DESCRIPTION OF WORK	Original BID QUANTITY	Revised BID QUANTITY	Variance QUANTITY CHANGE	UNITS	BID UNIT PRICE	ORIGINAL CONTRACT VALUE	REVISED CONTRACT VALUE	CHANGE ORDER
EARTH WORK AND PAVING									
1	PAVEMENT RESTORATION	600	600		SY	\$ 35.85	\$ 21,510.00	\$ 21,510.00	\$ -
2	PROPOSED ASPHALT (1 1/4")	4,000	4,000		SY	\$ 9.20	\$ 36,800.00	\$ 36,800.00	\$ -
3	PROPOSED ASPHALT (3/4")	4,000	4,000		SY	\$ 5.75	\$ 23,000.00	\$ 23,000.00	\$ -
4	12" LIMEROCK	4,000	4,000		SY	\$ 17.95	\$ 71,800.00	\$ 71,800.00	\$ -
5	12" STABILIZED SUBGRADE	4,000	4,000		SY	\$ 3.40	\$ 13,600.00	\$ 13,600.00	\$ -
6	PROPOSED GRADING	200	200		CV	\$ 20.00	\$ 4,000.00	\$ 4,000.00	\$ -
7	ASPHALT REMOVAL	4,600	4,600		SY	\$ 1.00	\$ 4,600.00	\$ 4,600.00	\$ -
8	ASPHALT APRON	50	50		SY	\$ 50.00	\$ 2,500.00	\$ 2,500.00	\$ -
9	ADJUST SANITARY SEWER MANHOLE	2	2		EA	\$ 1,000.00	\$ 2,000.00	\$ 2,000.00	\$ -
10	GUARDRAIL	400	400		LF	\$ 26.40	\$ 10,560.00	\$ 10,560.00	\$ -
11	GUARDRAIL END ANCHORAGE	4	4		EA	\$ 3,007.00	\$ 12,028.00	\$ 12,028.00	\$ -
12	SODDING	175	175		SY	\$ 6.00	\$ 1,050.00	\$ 1,050.00	\$ -
13	CURB AND GUTTER - TYPE F DRAINAGE	560	560		LF	\$ 25.00	\$ 14,000.00	\$ 14,000.00	\$ -
1	CATCH BASIN	7	5	2	EA	\$ 4,000.00	\$ 28,000.00	\$ 20,000.00	\$ (8,000.00)
2	CONTROL STRUCTURE	1	1		EA	\$ 12,000.00	\$ 12,000.00	\$ 12,000.00	\$ -
3	CORE INTO EXISTING CATCH BASIN	2	2		EA	\$ 3,000.00	\$ 6,000.00	\$ 6,000.00	\$ -
4	REMOVE EXISTING CATCH BASIN	3	1	2	EA	\$ 600.00	\$ 1,800.00	\$ 600.00	\$ (1,200.00)
5	DRAINAGE PIPE	792	444	348	LF	\$ 100.00	\$ 79,200.00	\$ 44,400.00	\$ (34,800.00)
6	SWALE UNDERDRAIN EROSION CONTROL	175	175		SY	\$ 55.00	\$ 9,625.00	\$ 9,625.00	\$ -
1	SILT FENCE	3,500	3,500		LF	\$ 1.00	\$ 3,500.00	\$ 3,500.00	\$ -
2	HAY BALES	75	75		EA	\$ 87.00	\$ 6,525.00	\$ 6,525.00	\$ -
3	FLOATING TURBIDITY BARRIER MISCELLANEOUS	75	75		LF	\$ 17.00	\$ 1,275.00	\$ 1,275.00	\$ -
1	MOBILIZATION	1	1		LS	\$ 42,500.00	\$ 42,500.00	\$ 42,500.00	\$ -
2	PAVEMENT MARKING AND SIGNAGE	1	1		LS	\$ 5,500.00	\$ 5,500.00	\$ 5,500.00	\$ -
3	MAINTENANCE OF TRAFFIC	1	1		LS	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ -
4	TESTING (DENSITY TEST, ETC.)	1	1		LS	\$ 4,500.00	\$ 4,500.00	\$ 4,500.00	\$ -
5	SURVEY / STAKEOUT / AS-BUILT DRAWINGS ALLOWANCES	1	1		LS	\$ 16,500.00	\$ 16,500.00	\$ 16,500.00	\$ -
1	PERMIT ALLOWANCE	1			LS	\$ 5,000.00	\$ 5,000.00	\$ 350.00	\$ (4,650.00)
2	CITY CONTINGENCY	1			LS	\$ 75,000.00	\$ 75,000.00	\$ -	\$ (75,000.00)
3	ADDITIONAL ASPHALT MILL AND RESURFACE	1			LS	\$ 15,000.00	\$ 15,000.00	\$ -	\$ (15,000.00)
ORIGINAL TOTAL									
							\$ 539,373.00	\$ 400,723.00	\$ (138,650.00)
CHANGE ORDERS									
1	Delays Due to Permitting, Conflicts with Existing Utilities and Unforeseen Circumstances		1	-1	LS	\$ 22,200.00	\$ -	\$ 22,200.00	\$ 22,200.00
2	Additional Sod Restoration (Square Yards)		1247	-1,247	SY	\$ 6.00	\$ -	\$ 7,482.00	\$ 7,482.00
3	Additional Material Cost Due to Weir Changes		1	-1	LS	\$ 826.85	\$ -	\$ 826.85	\$ 826.85
4	Baffles		1	-1	LS	\$ 2,881.00	\$ -	\$ 2,881.00	\$ 2,881.00
5	Repair to Existing Director's Pipe (Lump Sum)		1	-1	LS	\$ 2,788.48	\$ -	\$ 2,788.48	\$ 2,788.48
6	3/4" Mill and Resurface with S-3 Asphalt		1	-1	LS	\$ 11,037.82	\$ -	\$ 11,037.82	\$ 11,037.82
7	Construction of Asphalt Apron at NE 10th Street		1	-1	LS	\$ 46,066.13	\$ -	\$ 46,066.13	\$ 46,066.13
	Sub-Total						\$ -	\$ 93,282.28	\$ 93,282.28
ORIGINAL CONTRACT									
							\$ 539,373.00	\$ 494,005.28	\$ (45,367.72)

Original Contract Amount \$ 539,373.00
Revised Contract Amount \$ 494,005.28
Project Savings \$ (45,367.72)

John M. Alford



City of Dania Beach

Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6808 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commissioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services
Ronnie S. Navarro, P.E., Deputy Director/City Engineer

DATE: October 24, 2017

RE: Taylor Lane Drainage Improvements Project - Change Order No. 1
Contractor – Everglades Contracting, LLC

Background

On December 13, 2016, the City Commission passed Resolution #2016-166 which awarded the Taylor Lane Drainage Improvements Phase 1 Project to Everglades Contracting, LLC (Contractor) in the amount of \$539,373.00. At various stages of the project, unforeseen minor design modifications related to various site conditions were encountered that have resulted in a change order request to the City from the Contractor.

Due to utility conflicts with AT&T, FPL Fibernet, and the City's underground utilities the installation of the stormwater system was delayed. In addition, existing drainage connection issues with Derecktor Shipyard came to light during construction phase which require additional permitting requirement from the County and as a result, the project was held for a number of months until the Surface Water Management License Modification Permit was issued.

Allowances in the form of permit fees of Five Thousand Dollars (\$5,000.00), project contingency of Seventy Five Thousand Dollars (\$75,000.00), and additional paving of Fifteen Thousand Dollars (\$15,000) totaling Ninety Five Thousand Dollars (\$95,000.00) have been included in the original contract cost in anticipation of any change orders that may be encountered during construction some line items were adjusted which resulted in net reduction of quantities for which the Contractor is willing to give credit back to the City. This results to a net reduction of \$45,367.72 from the original contract.

Recommendation

Staff recommends approval to use project allowances for Change Order #1 and revise the Contract Amount to a lesser amount of \$494,005.28 and authorize any remaining funds to be returned to the original source of funding upon completion of the project.

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)

APPROVE RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING RESOLUTION 2017-075 WHICH AUTHORIZED A ONE YEAR EXTENSION OF AN EXISITING AGREEMENT WITH CORE & MAIN (FORMELY KNOWN AS H.D. SUPPLY WATERWORKS GROUP INC.) TO MEET THE CITY'S WATER METER PURCHASING NEEDS; AUTHORIZING THE CITY MANAGER TO PURCHASE WATER METERS AT SPECIFIED COSTS WITH THIS COMPANY IN AN ANNUAL AMOUNT EXCEEDING TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) WITH PURCHASE COSTS BEING LIMITED TO AND PAID FROM APPROVED ANNUAL BUDGET APPROPRIATIONS FOR PURCHASE OF WATER METERS

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo - Core & Main (FKA HD Supply), Resolution - Core & Main (F/K/A HD Supply), Agreement - Core & Main, Resolution - 2017-075 (HD Supply)



**CITY OF DANIA BEACH
DEPARTMENT OF FINANCE
MEMORANDUM**

TO: Robert Baldwin, City Manager

VIA: Colin Donnelly, Assistant City Manager

FROM: Nicki Satterfield, Finance Director Memo: DFA-17-034

DATE: August 10, 2017

SUBJECT: HD Supply Contract Renewal-Water Meter Purchasing

In September 2014, the City competitively bid the purchase of water meters for the City of Dania Beach. At that time, the City determined it is in the best interest to standardize water meters throughout the City and chose to utilize Badger meters for up to 2" and Omni meters for 2" or greater. The City Commission via Resolution 2014-090 awarded the Omni meter contract to HD Supply for its annual water meter purchases for sizes 2" and above.

The agreement with HD Supply expired September 22, 2017. The RFP provided for three additional one (1) year renewals. The City and HD Supply mutually agreed to renew the contract for an additional one (1) year period under the same terms and conditions. This action was approved via Commission resolution 2017-075 on July 25, 2017.

Subsequent to this renewal HD Supply Waterworks was fully divested from its parent company and is now a stand alone entity known as Core & Main LP. As a result the new company has agreed to a three year extension to the contract rather than one year.

Funding for water meter purchases are planned and appropriated each year in the City's annual budget in the Water Fund Distribution and Repair Maintenance Account Number 401-17-05-533-46-70.

The attached resolution amends Resolution 2017-075 for a three year terms with all original terms and conditions in place.

Staff recommends Commission approval of the resolution and agreement.

RESOLUTION NO. 2017-129

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING RESOLUTION 2017-075 WHICH AUTHORIZED A ONE-YEAR EXTENSION OF AN EXISTING AGREEMENT WITH CORE & MAIN (FORMERLY KNOWN AS H.D. SUPPLY WATERWORKS GROUP INC.) TO MEET THE CITY'S WATER METER PURCHASING NEEDS; AUTHORIZING THE CITY MANAGER TO PURCHASE WATER METERS AT SPECIFIED COSTS WITH THE COMPANY IN AN ANNUAL AMOUNT EXCEEDING TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) WITH PURCHASE COSTS BEING LIMITED TO AND PAID FROM APPROVED ANNUAL BUDGET APPROPRIATIONS FOR PURCHASE OF WATER METERS FOR A THREE (3) YEAR PERIOD; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Resolution 2017-075 was passed on July 25, 2017; and

WHEREAS, the City is seeking to correct and amend Resolution 2017-075 to provide for a three (3) year renewal instead of a one (1) year renewal;

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

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

Section 2. That Resolution 2017-075, a copy of which is attached as Exhibit "A" and made part of and incorporated into this Resolution by this reference, is amended to read as follows:

"...the City seeks to renew the contract for a period of three years as described in the Agreement"

Section 4. That the City Manager and City Attorney are authorized to make minor revisions to such Agreements as are deemed necessary and proper for the best interests of the City.

Section 5. That all Resolutions or part of Resolutions in conflict with any of the provisions of 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 October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

**FIRST RENEWAL OF AGREEMENT BETWEEN THE CITY OF DANIA BEACH, FLORIDA,
AND CORE & MAIN AUTHORIZED TO CONDUCT BUSINESS IN FLORIDA,
TO SUPPLY WATER METERS TO THE CITY**

This is a First Renewal of an Agreement (the "Renewal"), which Agreement dated September 23, 2014 (the "Agreement") exists between the City of Dania Beach, Florida, a Florida municipal corporation (the "City") and Core & Main (formerly known as HD Supply Waterworks Group, Inc.) a foreign corporation authorized to conduct business in Florida (the "Contractor") with its principal place of business located at 1830 Craig Park Court, St. Louis, Missouri 63146, to supply water meters to the City.

The City and Contractor wish to renew the Agreement for three (3) years up to and including September 23, 2020.

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

1. That the Agreement is renewed and it shall remain in effect up to and including September 23, 2020.
2. That the terms and conditions of the Agreement will remain the same throughout the term of this Renewal of it.
3. That in all other respects, the Agreement is ratified and reaffirmed and remains in full force and effect.

Sept 22 **IN WITNESS OF THE FOREGOING**, the parties have executed this Renewal on _____, 2017.

CITY:

ATTEST:

CITY OF DANIA BEACH, FLORIDA,
a Florida municipal corporation

LOUISE STILSON, CMC
CITY CLERK

ROBERT BALDWIN
CITY MANAGER

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

CONTRACTOR:

CORE & MAIN (formerly known as HD Supply Waterworks Group, Inc.) a foreign corporation authorized to conduct business in Florida.

ATTEST:

Signature

PRINT Name

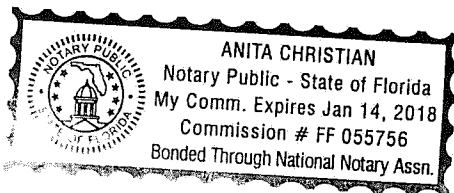
Signature

PRINT Name

TITLE

STATE OF Fla
COUNTY OF Broward

BEFORE me on 22-Sept, 2017, personally appeared Lynn Boncska
as Dist Mgr of ~~HD Supply Waterworks Group, Inc.~~ Core & Main LP, a foreign corporation authorized to
conduct business in Florida, who acknowledged execution of the foregoing Renewal of the
Agreement for the use and purposes mentioned in it, and that the instrument is the sole act and
deed of the Contractor. Such person is personally known to me or has produced
N/A, as identification.



My Commission Expires:

NOTARY PUBLIC
State of Florida

PRINT Name of Notary

Anita Christian

RESOLUTION NO. 2017-075

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING A ONE YEAR EXTENSION OF AN EXISTING AGREEMENT WITH H.D. SUPPLY INC. TO MEET THE CITY'S WATER METER PURCHASING NEEDS; AUTHORIZING THE CITY MANAGER TO PURCHASE WATER METERS AT SPECIFIED COSTS WITH THE COMPANY IN AN ANNUAL AMOUNT EXCEEDING TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) WITH PURCHASE COSTS BEING LIMITED TO AND PAID FROM APPROVED ANNUAL BUDGET APPROPRIATIONS FOR PURCHASE OF WATER METERS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City competitively bid for the supply and delivery of water meters for use in residential and commercial buildings within the City as part of a City-wide meter replacement program in June, 2014; and

WHEREAS, the City determined it is in the City's best interest to standardize water meters throughout the City and chose to utilize Badger meters and Omni meters; and

WHEREAS, the meter replacement program is ongoing and the City is seeking to utilize the same types of meters throughout the City; and

WHEREAS, the City Commission approved Resolution 2014-090 on September 23, 2014 authorizing purchase of water meters from H.D Supply for an initial period of three years based on the recommendation of the Bid Committee which included Public Services Department staff; and

WHEREAS, the agreement with H.D Supply, Inc. expires on September 23, 2017 and the City seeks to renew the contract for the first of three (3) additional one (1) year terms as described in the Agreement; and

WHEREAS, the supplier, while not sole source, has exclusive distributing rights in the State of Florida and Southeast United States and therefore offers more competitive pricing than third party vendors;

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

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

Section 2. That the City Commission authorizes the City Manager to purchase water meters from H.D. Supply, Inc. and authorizes the proper City officials to execute an Agreement, a copy of which is attached as Exhibit "A" and made a part of and is incorporated into this Resolution by this reference, in an amount that will exceed the annual vendor threshold of Twenty Five Thousand Dollars (\$25,000.00) each fiscal year; provided, however, that no Agreement will become effective unless and until City officials complete their execution of it.

Section 3. That funding of the purchase of water meters shall be made from the City's planned and appropriated funding from the Water Fund Distribution Repair and Maintenance Utility Account Number 401-17-05-533-46-70, which will exceed an annual vendor threshold of \$25,000.00.

Section 4. That the City Manager and City Attorney are authorized to make minor revisions to such Agreements as are deemed necessary and proper for the best interests of the City.

Section 5. That all Resolutions or part of Resolutions in conflict with any of the provisions of this Resolution are repealed to the extent of such conflict.

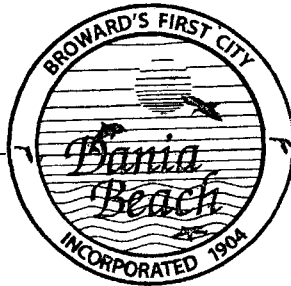
Section 6. That this Resolution shall become effective immediately upon its passage and adoption.

PASSED AND ADOPTED on July 25, 2017.

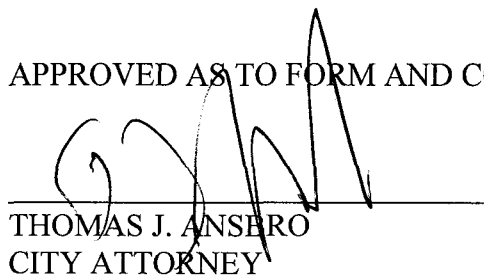
ATTEST:



LOUISE STILSON, CMC
CITY CLERK


TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:


THOMAS J. ANSERO
CITY ATTORNEY

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR APPROPRIATION OF FUNDS FOR FISCAL YEAR 2016-2017; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo - End of Year Budget Admendments FY 2016-2017, Resolution - End of Year Budget Amendmnts FY 2016-2017



**CITY OF DANIA BEACH
DEPARTMENT OF FINANCE
MEMORANDUM**

TO: Robert Baldwin, City Manager

Memo: DFA-17-037

VIA: Colin Donnelly, Assistant City Manager

FROM: Nicki Satterfield, Finance Director

DATE: October 16, 2017

SUBJECT: End of Year Budget Resolution

BACKGROUND AND DISCUSSION

The Finance Department performs an end of year review of all departmental budgets which may require addition appropriations at the end of the year. A review of the FY 2016-2017 budget indicates there are additional budgetary needs relating to the following:

- General Fund to recognize and appropriate funds received from the State of Florida that are designated for supplemental Police and Fire retirement benefits under FS 175 and FS 185. These funds are received annual toward the end of the fiscal year and are required to be transmitted to the City's Police & Fire Pension Plan within five (5) days of receipt.
- Water Fund utility accounts due to increases as a result of treated water purchased from the City of Hollywood related to the Beach Redevelopment Project. The fund does not have any significant funds in contingency will therefore need to appropriate reserves in the amount of \$48,550 in order to meet these expenses.
- Building Fund to pay additional expenses related to scanning services from API for in the amount of \$32,182.00.
- The Pier Fund is estimated to have a slight deficit of \$17,000 for year-end which is related to prior year encumbrances for emergency elevator repairs of \$14,000 and an increase in cost of goods expenditures due to increase sales at the pier. Since pier reserves are not available at this time a temporary advance is required from the General Fund to cover these expenditures which will be repaid at the earliest time the funds become available.
- Various Funds - Hurricane Irma required a significant overtime relating to preparedness and after the storm activities. This overtime is to be paid for from the hurricane expense account in the general fund. The City Commission has already appropriated \$4M dollars of the hurricane reserve to this expense account. This requested budget entry is to transfer a portion of these funds from the hurricane expense account to the enterprise funds to cover the related salary and benefits. These costs will be submitted to FEMA as forced labor hours for potential reimbursement. As these are considered inter-fund transfers Commission approval is required. Total citywide impact for FY 2017 is \$56,327.00.

- Earlier in FY 2017, the City and the General Employees Bargaining Unit entered into a new contract. As a result of this contract negotiation union employees are now paid an additional premium pay for working during holidays and when during times when City services are suspended from normal operations such as during the hurricane. While this is may not FEMA reimbursable the City must pay this in accordance with the bargaining unit. Therefore, a budget adjustment is needed to cover these unanticipated expenses related to salary and benefits. Funds are being requested from the appropriate contingency and reserve accounts for each fund. Total citywide impact for FY 2017 is \$134,342.00.
- The Finance Department also reviews the status of all City Capital Projects with Departments on a quarterly basis and again at year-end. Capital Projects that have been completed with all invoices paid by the Departments are identified. This allows the Administration to close-out and finalize projects in the City's financial records. The final step in this close-out involves the transfer of remaining unused funding appropriations back to their original funding source. As of October 16, 2017 there was one project that was completed relating to the Water Plant filter Upgrade. As a result, \$23,547 in unused funds are being returned to the water fund reserves through the contingency account.

REQUEST

Finance recommends approval by the City Commission of the attached resolution that recognizes and appropriates the funds as necessitated.

RESOLUTION NO 2017-130

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PROVIDING FOR APPROPRIATION OF FUNDS FOR FISCAL YEAR 2016-2017; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission of the City of Dania Beach approved a budget for fiscal year 2016-2017 in September, 2016; and

WHEREAS, the Administration's end-of-year further review of City operations through September 30, 2017, projects an estimated need for additional funding appropriations in various Departments, capital projects and loan advances for consideration by the City Commission at the final meeting of the fiscal year; and

WHEREAS, the Pier Fund anticipated that it would need an additional Seventeen Thousand Dollars (\$17,000.00) to cover certain operating expenses, which it does not have in reserve and therefore will need an advance from the General Fund;

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

Section 1. That the City Administration is authorized and directed to amend the approved 2016 / 2017 City budget as follows:

General Fund

Appropriation of Funds Sources / Transfer From:

Fire Chapter 175 Florida Statutes Pension Supplement	001-0000-312-51.00	\$ 201,263.00
Police Chapter 185 Florida Statutes Pension Supplement	001-0000-312-52.00	244,134.00
General Fund Contingency	001-18-00-519-99-10	17,000.00
General Fund Contingency Premium Pay	001-18-00-519-99-10	66,089.00
Emergency Hurricane Reserve	001-00-00-389-90-16	<u>56,329.00</u>
Total Sources of Funding		<u>\$584,815.00</u>

Appropriation of Funds / Transfer To:

Fire – Pension Supplement (State reimbursement)	001-22-01-522.22-12	\$ 201,263.00
Police – Pension Supplement (State reimbursement)	001-21-01-521.22-11	244,134.00
Transfers out –Pier Operations	001-18-00-519-91-45	17,000.00
Overtime Hurricane (Various Divisions)	001-xx-xx-xxx-12-10 to 22- 20	23,458.00
Premium Pay (Various Divisions)	001-xx-xx-xxx-12-10 to 22-20	66,089.00
Transfer to Water Fund	001-18-00-519-91-41	10,521.00
Transfer to Sewer Fund	001-18-00-519-91-42	4,305.00
Transfer to Storm water Fund	001-18-00-519-91-43	15,016.00
Transfer to Parking Fund	001-18-00-519-91-44	<u>3,029.00</u>
Total Uses and Appropriations		<u>\$ 584,815.00</u>

Pier Fund**Appropriation of Funds Sources / Transfer From:**

Transfer from General Fund	405-00-00-384-01-01	\$ <u>17,000.00</u>
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Appropriation of Funds / Transfer To:

Operating Supplies Cost of Goods Sold	405-72-15-572-52-05	\$ <u>17,000.00</u>
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Building Fund**Appropriation of Funds Sources / Transfer From:**

Other Uses- Contingency	107-15-02-524-99-10	\$ <u>38,515.00</u>
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Appropriation of Funds / Transfer To:

Contractual Services- General	107-15-02-524-34-10	\$ 2,182.00
Premium Pay (Various Divisions)	107-xx-xx-xxx-12-10 to 22-20	<u>6,333.00</u>
		\$ <u>38,515.00</u>

Water Fund**Appropriation of Funds Sources / Transfer From:**

Water Plant Filter Upgrade	401-33-42-533-63-10	\$ 23,547.00
Appropriation of Unrestricted Net Assets	401-00-00-389-90-02	48,550.00
Transfer from General Fund	401-00-00-381-00-01	10,521.00
Contingency	401-33-01-533-99-10	<u>30,742.00</u>
		\$ <u>82,528.00</u>

Appropriation of Funds / Transfer To:

Contingency	401-33-01-533-99-10	\$ 23,547.00
Utility Services Water	401-33-03-533-43-10	48,550.00
Overtime Hurricane (Various Divisions)	401-xx-xx-xxx-12-10 to 22-20	10,521.00
Premium Pay (Various Divisions)	401-xx-xx-xxx-12-10 to 22-20	<u>30,742.00</u>
		\$ <u>82,528.00</u>

sewer Fund**Appropriation of Funds Sources / Transfer From:**

Transfer from General Fund	402-00-00-381-00-01	\$ 4,305.00
Contingency	402-35-01-535-99-10	<u>12,202.00</u>
		\$ <u>16,507.00</u>

Appropriation of Funds / Transfer To:

Overtime Hurricane (Various Divisions)	402-xx-xx-xxx-12-10 to 22-20	\$ 4,305.00
Premium Pay (Various Divisions)	402-xx-xx-xxx-12-10 to 22-20	<u>12,202.00</u>
		\$ <u>16,507.00</u>

Stormwater Fund

Appropriation of Funds Sources / Transfer From:

Transfer from General Fund	403-00-00-381-00-01	\$ 15,016.00
Contingency	403-38-01-538-99-10	<u>13,832.00</u>
		<u>\$ 27,208.00</u>

Appropriation of Funds / Transfer To:

Overtime Hurricane (Various Divisions)	403-xx-xx-xxx-12-10 to 22-20	\$ 15,016.00
Premium Pay (Various Divisions)	403-xx-xx-xxx-12-10 to 22-20	<u>13,832.00</u>
		<u>\$ 27,208.00</u>

Parking Fund

Appropriation of Funds Sources / Transfer From

Transfer from General Fund	404-00-00-381-00-01	\$ 3,029.00
Contingency	404-45-02-545-99-10	<u>2,555.00</u>
		<u>\$ 5,584.00</u>

Appropriation of Funds / Transfer To:

Overtime Hurricane (Various Divisions)	404-xx-xx-xxx-12-10 to 22-20	\$ 3,029.00
Premium Pay (Various Divisions)	404-xx-xx-xxx-12-10 to 22-20	<u>2,555.00</u>
		<u>\$ 5,584.00</u>

Section 2. That the City Commission approves the advance of Seventeen Thousand Dollars (\$17,000.00) to the Pier Fund from the General Fund to be repaid at a future date when the Pier Fund is able to do so.

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 be in force and take effect retroactively to September 30, 2017 upon its passage and adoption.

PASSED AND ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
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, RATIFYING A CONTRACT FOR DEBRIS HAULING SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES INC., UTILIZING PRICING AWARDED UNDER THE SOLID WASTE AUTHORITY OF PALM BEACH COUNTY RFP NO. 17-204SLB DATED MAY 8, 2017, ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution, Memo, Exhibit A-City of Dania Beach Agreement w/SWA of PBC Bergeron Agreement, Exhibit B-SWA of PBC Bergeron Agreement No.17-204F

RESOLUTION NO. 2017-131

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS HAULING SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES INC, UTILIZING PRICING AWARDED UNDER THE SOLID WASTE AUTHORITY OF PALM BEACH COUNTY RFP NO. 17-204SLB DATED MAY 8, 2017, ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; 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 he 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 \$25,000.00 for a vendor each fiscal year; and

WHEREAS, the Public Services Department entered into an agreement with Bergeron Emergency Services, Inc. to handle debris hauling after Hurricane Irma under emergency provisions during fiscal years 2017 and 2018, which Agreement is dated September 14, 2017 and the Department is seeking ratification of the Agreement, a copy of which is attached as Exhibit "A"; and

WHEREAS, the Public Services Director determined that debris hauling services could best be obtained from Bergeron Emergency Services utilizing pricing under the Solid Waste Authority of Palm Beach County Agreement No.17-204F Contract which was competitively bid by that County and is attached as Exhibit "B", and

WHEREAS, such services are expected to exceed the annual Twenty Five Thousand Dollars (\$25,000.00) City purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018, and therefore, 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 City Commission authorizes and ratifies the contract dated September 14, 2017 and related expenses for debris hauling services provided by Bergeron Emergency Services, Inc. utilizing the Solid Waste Authority of Palm Beach County Agreement No. 17-204F in an amount exceeding the annual Twenty Five Thousand Dollars (\$25,000.00) purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018.

Section 3. That funds are available and appropriated within the Hurricane Expense Account No. 001-18-00-519-52-90.

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 and retroactive to September 14, 2017, upon its passage and adoption.

PASSED and ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY



City of Dania Beach

Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6808 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commissioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services

DATE: October 24, 2017

RE: Approval to Ratify Funds for Bergeron Emergency Services, Inc.

On September 10, 2017, Hurricane Irma hit Dania Beach and left major debris throughout the City. Public Services under emergency provisions acquired Bergeron Emergency Solutions, Inc. to handle debris-hauling utilizing pricing under the Solid Waste Authority of Palm Beach County Agreement (17-204F) with Bergeron Emergency Services, Inc. which was competitively bid for debris removal and reduction services.

Public Services is requesting City Commission approval to ratify the contract and related expenses for debris hauling by Bergeron Emergency Services, Inc. in an amount to exceed the City's \$25,000.00 threshold for an annual vendor for FY 2016-2017 and FY 2017-2018.

Funding for debris removal, reduction and disposal services will be appropriated from the Hurricane Expense Account No. 001-18-00-519-52-90.

Recommendation

Public Services is recommending the City Commission approve a resolution to to ratify the contract and related expenses for debris hauling by Bergeron Emergency Services, Inc. and to exceed the City's \$25,000.00 vendor annual threshold for FY 2016-2017 and FY 2017-2018.



19612 SW 69th Place – Fort Lauderdale, FL 33332

Phone: 954-680-6100 – Fax: 866-757-7656

September 13, 2017

City of Dania Beach
100 W Dania Beach BLVD
Dania Beach, FL 33004

RE: Cooperative Agreement for Hurricane/Disaster Debris Removal, Reduction and Disposal Services Agreement No.: 17-204F between the Solid Waste Authority of Palm Beach County and Bergeron Emergency Services, Inc.

Bergeron Emergency Services, Inc. has been awarded a contract for Hurricane/Disaster Debris Removal, Reduction and Disposal Services from The Solid Waste Authority of Palm Beach County for the Term of 5 years commencing May 8th, 2017 until May 7th, 2022.

Article 34 (Agreements with other Governmental Entities) of the agreement (No. 17-204F) states:

The CONTRACTOR agrees that this Agreement constitutes an offer to all State Agencies and Political Subdivisions of the State of Florida under the same terms and conditions, for the same prices and for the same effective period as specified in this Agreement; should the CONTRACTOR deem it in the best interest of their business to do so.

The Agreement in no way restricts or interferes with any State Agency or Political Subdivision of the State of Florida from re-solicitation.

I would like to extend an offer to the City of Dania Beach to enter into an agreement with Bergeron Emergency Services, Inc. as allowed under the aforementioned Article 34 of said contract. The offer is made at the same terms and conditions stated in the referenced agreement.

Please return one fully executed original letter to Bergeron Emergency Services, Inc. upon acceptance.

Sincerely,

BERGERON EMERGENCY SERVICES, INC.

Signature

Printed Name / Title

Date

Robert Thompson V.P.-Ops
9/13/17

ACCEPTED: CITY OF DANIA BEACH

Signature

Printed Name / Title

Date

Robert Thompson / City Manager
September 14, 2017

APPROVED AS TO LEGAL FORM:

Thomas J. Ansley / City Attorney



AGREEMENT

FOR

**HURRICANE / DISASTER DEBRIS
REMOVAL, REDUCTION AND DISPOSAL**

BETWEEN

SOLID WASTE AUTHORITY OF PALM BEACH COUNTY

AND

BERGERON EMERGENCY SERVICES

AGREEMENT NO. 17-204F

**SOLID WASTE AUTHORITY OF PALM BEACH COUNTY
7501 NORTH JOG ROAD
WEST PALM BEACH, FLORIDA 33412**

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**HURRICANE / DISASTER DEBRIS
REMOVAL, REDUCTION AND DISPOSAL
AGREEMENT NO. 17-204F**

This Agreement is made and entered into as of May 5, 2017, by and between the **Solid Waste Authority of Palm Beach County**, a special district created by Chapter 2001-331, Laws of Florida, as amended, (hereinafter referred to as **AUTHORITY**) and **Bergeron Emergency Services** (hereinafter referred to as **CONTRACTOR**), a Florida Corporation, whose Federal Employer Identification Number is 65-1274968.

Whereas, in accordance with the **AUTHORITY'S** Request for Proposal No. 17-204/SLB, solicited to employ the services of the **CONTRACTOR** for the purpose of providing Hurricane/Disaster Debris Removal, Reduction and Disposal; and,

Whereas, **CONTRACTOR** represents it is capable and prepared to provide such services.

Now, therefore, in consideration of the promises contained herein, the parties hereto agree as follows:

ARTICLE 1 - EFFECTIVE DATE

The effective date of this Agreement shall be **May 8, 2017 through May 7, 2022**.

Term of Agreement shall be for a five (5) year period, unless otherwise terminated as provided herein. The **AUTHORITY** shall have the option of extending the Agreement for one (1) additional one (1) year period at the same terms and conditions with approval from the **AUTHORITY'S** Governing Board. Such extension shall be in the form of a written Amendment to the Agreement executed by both parties. The continuance of this Agreement from year to year is contingent upon successful annual recertification of the **CONTRACTOR'S** capabilities. The recertification process will be a review of the fiscal (bankruptcy, etc), logistical (equipment availability, etc.), and moral (conviction for environmental crime, conviction for crime against a public entity, etc.) responsibility of the **CONTRACTOR** and a determination by the **AUTHORITY**, based on this review, of whether or not the **CONTRACTOR** continues to be a viable firm to provide the services described in this Contract.

ARTICLE 2 - SERVICES TO BE PERFORMED BY CONTRACTOR

CONTRACTOR shall perform the services as stated in the Scope of Work, Exhibit A, as may be specifically authorized by the **AUTHORITY**. Such authorizations will be referred to as Task Orders. Each Task Order will set forth a specific scope of services, rate/amount of compensation, completion date, and other pertinent details of the task being authorized. The **AUTHORITY**, by virtue of this Agreement, gives the **CONTRACTOR** no guarantee of any work/services or any specific amount of work/services that may be accomplished during the period this Agreement is in full force and effect.

ARTICLE 3 - COMPENSATION

- 3.1 **AUTHORITY** shall pay **CONTRACTOR** in accordance with Fee Schedule, Exhibit B, which is attached hereto and incorporated by reference as part of this Agreement. If needed, compensation may be negotiated as a lump sum or not-to-exceed amount for any Task Order containing a task covered by the scope of work of this Agreement but to which the Fee Schedule cannot readily be applied.
- 3.2 **CONTRACTOR** shall submit semi-monthly invoices for services rendered. Invoices must reference the Task Order number. Invoices shall include a statement of progress and appropriate audit quality detail to satisfy FEMA requirements.

3.3 Payment of CONTRACTOR by AUTHORITY is not contingent upon the AUTHORITY being reimbursed by the Federal Emergency Management Agency. Payment to CONTRACTOR will be made for any work directed by the AUTHORITY which is determined by Federal and State agencies to be ineligible for reimbursement.

3.4 Each individual invoice shall be due and payable thirty (30) days after receipt of correct, fully documented, invoice by the AUTHORITY. All invoices shall be delivered to:

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412
Attention: Accounts Payable, c/o Mary Schultz

3.5 In order for both parties herein to close their books and records, the CONTRACTOR will clearly state "Final Invoice" on the CONTRACTOR'S final/last billing to the AUTHORITY. This certifies that all services have been properly performed and all charges and costs have been invoiced to the AUTHORITY. Since this account will thereupon be closed, any and other further charges if not properly included on this final invoice are waived by the CONTRACTOR.

3.6 The AUTHORITY will retain 5% of the payment under each Task Order until such time as the entire project is completed to the AUTHORITY'S satisfaction and all sub-contractors and any material suppliers verify that they have been paid.

ARTICLE 4 - INSURANCE

4.1 During the performance of the Services under this Agreement, CONTRACTOR shall maintain the following insurance policies, and be written by an insurance company authorized to do business in Florida.

1. **General Liability** Insurance with bodily injury limits of not less than \$1,000,000 for each occurrence, and with property damage limits of not less than \$1,000,000 for each occurrence.
2. **Automobile Liability** Insurance with bodily injury limits of not less than \$5,000,000 for each person and not less than \$5,000,000 for each accident and with property damage limits of not less than \$5,000,000 for each accident.
3. **Workers' Compensation** Insurance in accordance with statutory requirements and Employer's Liability Insurance with limits of not less than \$500,000 for each accident, \$500,000 for each disease, and \$500,000 aggregate.
4. **Excess Liability** Insurance with limits of not less than \$10,000,000 for each occurrence and annual aggregate.

4.2 Deductible amounts shall not exceed 5% of the total amount of required insurance in each category. Should any policy contain any unusual exclusions said exclusions shall be so indicated on the certificate(s) of insurance.

4.3 CONTRACTOR shall furnish AUTHORITY **certificates of insurance** which shall include a provision that policy cancellation, non-renewal or reduction of coverage will not be effective until at least **thirty (30) days** written notice has been made to the AUTHORITY.

4.4 CONTRACTOR shall include AUTHORITY as an **additional insured** on the General Liability, Excess Liability, and Automobile Liability insurance policy required by the Agreement. All of CONTRACTOR'S sub-contractors shall be required to include AUTHORITY and CONTRACTOR as **additional insured** on their General Liability insurance policies.

- 4.5 In the event that sub-contractors used by the CONTRACTOR do not have insurance, or do not meet the insurance limits, CONTRACTOR shall indemnify and hold harmless the AUTHORITY for any claim in excess of the sub-contractors insurance coverage.
- 4.6 The CONTRACTOR shall not commence work under this Agreement until all insurance required as stated herein has been obtained and such insurance has been approved by the AUTHORITY.

ARTICLE 5 - STANDARD OF CARE

- 5.1 CONTRACTOR shall exercise the same degree of care, skill, and diligence in the performance of the Services as is ordinarily provided by a comparable professional under similar circumstances and CONTRACTOR shall, at no additional cost to AUTHORITY, re-perform services which fail to satisfy the foregoing standard of care.
- 5.2 The CONTRACTOR warrants that all services shall be performed by skilled and competent personnel to the highest professional standards in the field.

ARTICLE 6 - INDEMNIFICATION

6.1 GENERAL

Having considered the risks and potential liabilities that may exist during the performance of the services and in consideration of the promises included herein, AUTHORITY and CONTRACTOR agree to allocate such liabilities in accordance with this Article 6.

6.2 INDEMNIFICATION

The CONTRACTOR shall indemnify and hold harmless the AUTHORITY, and its officers and employees, from liabilities, damages, losses, and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONTRACTOR and other persons employed or utilized by the CONTRACTOR in the performance of the Agreement.

6.3 SURVIVAL

Upon completion of all services, obligations and duties provided for in this Agreement, or in the event of termination of this Agreement for any reason, the terms and conditions of this Article shall survive.

ARTICLE 7 - INDEPENDENT CONTRACTOR

- 7.1 The CONTRACTOR is, and shall be, in the performance of all work services and activities under this Agreement, an Independent Contractor, and not an employee, agent, or servant of the AUTHORITY. All persons engaged in any of the work or services performed pursuant to this Agreement shall at all times, and in all places, be subject to the CONTRACTOR 'S sole direction, supervision, and control. The CONTRACTOR shall exercise control over the means and manner in which it and its employees perform the work, and in all respects the CONTRACTOR 'S relationship and the relationship of its employees to the AUTHORITY shall be that of an Independent Contractor and not as employees or agents of the AUTHORITY.
- 7.2 The CONTRACTOR does not have the power or authority to bind the AUTHORITY in any promise, agreement or representation other than specifically provided for in this Agreement.
- 7.3 The CONTRACTOR shall not pledge the AUTHORITY'S credit or make it a guarantor of payment or surety for any contract, debt, obligation, judgment, lien or any form of indebtedness. The CONTRACTOR further warrants and represents that it has no obligation or indebtedness that would impair its ability to fulfill the terms of this Agreement.

ARTICLE 8 - AUTHORITY TO PRACTICE

The CONTRACTOR hereby represents and warrants that it has and will continue to maintain all licenses and approvals required to conduct its business, and that it will at all times conduct its business activities in a reputable manner.

ARTICLE 9 - COMPLIANCE WITH LAWS

In performance of the Services, CONTRACTOR will comply with applicable regulatory requirements including federal, state, special district, and local laws, rules, regulations, orders, codes, criteria and standards.

ARTICLE 10 - SUB-CONTRACTING

- 10.1 The AUTHORITY reserves the right to accept the use of a sub-contractor or to reject the selection of a particular sub-contractor and to inspect all facilities of any sub-contractor to perform properly under this Agreement. Rejection of any sub-contractor will be based on, but not limited to, negative references, insufficient resources, or conviction of a Public Entity Crime.
- 10.2 If a sub-contractor fails to perform or make progress, as required by this Agreement, and it is necessary to replace the sub-contractor to complete the work in a timely fashion, the CONTRACTOR shall promptly do so, subject to acceptance of the new sub-contractor by the AUTHORITY.

ARTICLE 11 - FEDERAL AND STATE TAXES

The AUTHORITY is exempt from Federal Tax and State Sales and Use Taxes. Upon request, the AUTHORITY will provide an exemption certificate to CONTRACTOR. The CONTRACTOR shall not be exempted from paying sales tax to its suppliers for materials to fulfill contractual obligations with the AUTHORITY, nor shall the CONTRACTOR be authorized to use the AUTHORITY'S Tax Exemption Number in securing such materials.

ARTICLE 12 - AVAILABILITY OF FUNDS

The obligations of the AUTHORITY under this Agreement are subject to the availability of funds lawfully appropriated for its purpose by the Board of the Solid Waste Authority of Palm Beach County.

ARTICLE 13 - AUTHORITY'S RESPONSIBILITIES

AUTHORITY shall be responsible for providing access to all project sites, and providing information on hand required by CONTRACTOR that is available in the files of the AUTHORITY.

ARTICLE 14 - DEFAULT

- 14.1 The AUTHORITY may, by written notice of default to the CONTRACTOR, terminate the Agreement in whole or in part if the CONTRACTOR fails to satisfactorily perform any provisions of this Agreement, or fails to make progress so as to endanger performance under the terms and conditions of this Agreement, or provides repeated non-performance, or does not remedy such failure within a period of ten (10) days (or such period as the Director of Purchasing Services may authorize in writing) after receipt of notice from the Director of Purchasing Services specifying such failure. In the event the AUTHORITY terminates this Agreement in whole or in part because of default of the CONTRACTOR, the AUTHORITY may procure goods and/or services similar to those terminated, and the CONTRACTOR shall be liable for any excess costs incurred due to this action.
- 14.2 If it is determined that the CONTRACTOR was not in default or that the default was excusable (e.g., failure due to causes beyond the control of, or without the fault or negligence of, the CONTRACTOR), the rights and obligations of the parties shall be those provided in Article 15 – Termination for Convenience.

ARTICLE 15 – TERMINATION FOR CONVENIENCE

- 15.1 The Director of Purchasing Services may, whenever the interests of the AUTHORITY so require, terminate the Agreement, in whole or in part, for the convenience of the AUTHORITY. The Director of Purchasing Services shall give five (5) days prior written notice of termination to the CONTRACTOR, specifying the portions of the Agreement to be terminated and when the termination is to become effective. If only portions of the Agreement are terminated, the CONTRACTOR has the right to withdraw, without adverse action, from the entire Agreement.
- 15.2 Unless directed differently in the Notice of Termination, the CONTRACTOR shall incur no further obligations in connection with the terminated work, and shall stop work to the extent specified and on the date given in the Notice of Termination. Additionally, unless directed differently, the successful CONTRACTOR shall terminate outstanding orders and/or subcontracts related to the terminated work.
- 15.3 Unless the CONTRACTOR is in breach of this Agreement, the CONTRACTOR shall be paid for services rendered to the AUTHORITY'S satisfaction through the date of termination.

ARTICLE 16 - UNCONTROLLABLE FORCES

- 16.1 Neither the AUTHORITY nor CONTRACTOR shall be considered to be in default of this Agreement if delays in or failure of performance shall be due to Uncontrollable Forces, the effect of which, by the exercise of reasonable diligence, the non-performing party could not avoid. The term "Uncontrollable Forces" shall mean any event which results in the prevention or delay of performance by a party of its obligations under this Agreement and which is beyond the reasonable control of the nonperforming party. It includes, but is not limited to fire, flood, earthquakes, storms, lightning, epidemic, war, riot, civil disturbance, sabotage, and governmental actions.
- 16.2 Neither party shall, however, be excused from performance if nonperformance is due to forces which are preventable, removable, or remediable and which the nonperforming party could have, with the exercise of reasonable diligence, prevented, removed or remedied with reasonable dispatch. The nonperforming party shall, within a reasonable time of being prevented or delayed from performance by an uncontrollable force, give written notice to the other party describing the circumstances and uncontrollable forces preventing continued performance of the obligations of this Agreement.

ARTICLE 17 - REMEDIES

This Agreement shall be governed by the laws of the State of Florida. Any and all legal action necessary to enforce the Agreement shall be in a State court of competent jurisdiction located in Palm Beach County. With the exception of the choice of law and venue provisions contained herein, no remedy conferred upon any party is intended to be exclusive of any other remedy, and each and every such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing at law or in equity or by statute or otherwise. No single or partial exercise by any party of any right, power, or remedy hereunder shall preclude any other or further exercise thereof.

ARTICLE 18 - NON-DISCRIMINATION

CONTRACTOR assures and certifies that it shall comply with Title VII of the Civil Rights Act of 1964, as amended, and shall not discriminate against any individual on the basis of their race, color, national origin, religion, ancestry, sex, age, marital status, familial status, sexual orientation, disability, or gender identity or expression.

ARTICLE 19 - WAIVER

A waiver by either AUTHORITY or CONTRACTOR of any breach of this Agreement shall not be binding upon the waiving party unless such waiver is in writing. In the event of a written waiver, such a waiver shall not affect the waiving party's rights with respect to any other or further breach. The making or acceptance of a payment by either party with knowledge of the existence of a default or breach shall not operate or be construed to operate as a waiver of any subsequent default or breach.

ARTICLE 20 - SEVERABILITY

20.1 The invalidity, illegality, or unenforceability of any provision of this Agreement, or the occurrence of any event rendering any portion or provision of this Agreement void, shall in no way affect the validity or enforceability of any other portion or provision of the Agreement. Any void provision shall be deemed severed from the Agreement and the balance of the Agreement shall be construed and enforced as if the Agreement did not contain the particular portion or provision held to be void. The parties further agree to reform the Agreement to replace any stricken provision with a valid provision that comes as close as possible to the intent of the stricken provision.

20.2 The provisions of this section shall not prevent the entire Agreement from being void should a provision which is of the essence of the Agreement be determined to be void.

ARTICLE 21 - ENTIRETY OF AGREEMENT

The AUTHORITY and the CONTRACTOR agree that this Agreement sets forth the entire agreement between the parties, and that there are no promises or understandings other than those stated herein. This Agreement supersedes all prior agreements, contracts, proposals, representations, negotiations, letters or other communications between the AUTHORITY and CONTRACTOR pertaining to the Services, whether written or oral. None of the provisions, terms and conditions contained in this Agreement may be added to, modified, superseded or otherwise altered except by written instrument executed by the parties hereto.

ARTICLE 22 - MODIFICATION

The Agreement may not be modified unless such modifications are evidenced in writing signed by both AUTHORITY and CONTRACTOR. Such modifications shall be in the form of a written Amendment executed by both parties.

ARTICLE 23 - SUCCESSORS AND ASSIGNS

AUTHORITY and CONTRACTOR each binds itself and its partners, successors, assigns and legal representatives to the other party to this Agreement and to the partners, successors, executors, administrators, assigns, and legal representatives. CONTRACTOR shall not assign this Agreement without the express written approval of the AUTHORITY via executed amendment.

ARTICLE 24 - CONTINGENT FEES

The CONTRACTOR warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for the CONTRACTOR 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 CONTRACTOR, any fee, commission, percentage, gift or any other consideration contingent upon or resulting from the award or making of this Agreement.

ARTICLE 25 - TRUTH-IN-NEGOTIATION CERTIFICATE

- 25.1 Execution of this Agreement by the CONTRACTOR shall act as the execution of a truth-in-negotiation certificate certifying that the wage rates and costs used to determine the compensation provided for in this Agreement are accurate, complete, and current as of the date of the Agreement.
- 25.2 The said rates and costs shall be adjusted to exclude any significant sums should the AUTHORITY determine that the rates and costs were increased due to inaccurate, incomplete or noncurrent wage rates or due to inaccurate representations of fees paid to outside contractors. The AUTHORITY shall exercise its rights under this "Certificate" within one (1) year following payment.

ARTICLE 26 - OWNERSHIP OF DOCUMENTS

CONTRACTOR shall be required to cooperate with other contractors relative to providing information requested in a timely manner and in the specified form. Any and all documents, records, disks, original drawings, or other information shall become the property of the AUTHORITY for its use and/or distribution as may be deemed appropriate by the AUTHORITY.

ARTICLE 27 - PUBLIC RECORDS, ACCESS AND AUDITS

- 27.1 It is the intent of this Article to maintain compliance with the Florida Public Records Law, Ch. 119, Florida Statutes, as amended effective July 1, 2016.

27.2 DESIGNATED RECORDS CUSTODIAN CONTACT INFORMATION:

**RECORDS MANAGER
SOLID WASTE AUTHORITY OF PALM BEACH COUNTY
7501 NORTH JOG ROAD
WEST PALM BEACH, FL. 33412
561-640-4000 EXT. 4210
RECORDS CUSTODIAN@SWA.ORG**

- 27.3 The CONTRACTOR shall maintain records related to all charges, expenses, and costs incurred in estimating and performing the work, in accordance with the timeframes and classifications for records retention as per the General Records Schedule GS1-SL for State and Local Government Agencies (see: <http://dos.dos.state.fl.us/library-archives/records-management/general-records-schedules/>) after completion or termination of this Contract. The AUTHORITY shall have access to such records as required in this section for the purpose of inspection or audit during normal business hours, at the CONTRACTOR's place of business.
- 27.4 Notwithstanding anything herein to the contrary, the CONTRACTOR expressly acknowledges that: i) it is providing a specific service to the AUTHORITY in the performance of this Contract; ii) acting on behalf of the AUTHORITY in the performance of this Contract; iii) that it has read and is familiar with the Florida Public Records Law, Ch. 119, Florida Statutes, as amended, and both understand its responsibility and obligation to comply with this law; and iv) to the extent any question(s) arise regarding its duties to produce public records, it shall contact the Records Manager with same.
- 27.5 Any public records requests directed to, or related in any way to this contract shall be directed solely to the Records Manager. If the requested records are not in the possession of the Records Manager they shall immediately notify the CONTRACTOR and the CONTRACTOR must provide the records or allow access to the records within a reasonable time. A CONTRACTOR who fails to provide the records to the public

agency within a reasonable time may be subject to penalties under Florida Statutes (F.S) §119.10, and §119.10(2) provides that a person who willfully and knowingly violates the Public Records Act commits a misdemeanor of the first degree, which is punishable by up to a year in jail and a fine not to exceed \$1,000.

27.6 Therefore, the CONTRACTOR is required to:

- 1) maintain public records that ordinarily and necessarily would be required by the AUTHORITY in order to perform the service;
- 2) provide the public with access to public records on the same terms and conditions that the AUTHORITY would provide the records and at a cost that does not exceed the cost provided by Florida 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 AUTHORITY, all public records in possession of the CONTRACTOR upon termination of the contract and destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. When requested by the AUTHORITY, either during performance of the contract or after termination or completion of the contract, all records stored electronically must be provided to the AUTHORITY in a format that is compatible with the information technology systems of the AUTHORITY.

27.7 Failure of the CONTRACTOR to comply with these requirements shall be a material breach of this Contract.

27.8 CONSULTANT shall maintain financial and program records to justify all charges and costs incurred in performing the work for at least three (3) years following final payment by the AUTHORITY as Federal Emergency Management Agency sub-grantee as required by 2 CFR 200.333. The AUTHORITY shall have access to such books, records, and documents as required in this section for the purpose of inspection or audit

27.9 In the event records retention requirements in Florida Statutes Chapter 119 and 257 exceed those of FEMA, the records shall be retained to comply with State of Florida requirements.

ARTICLE 28 – OFFICE OF INSPECTOR GENERAL

Palm Beach County has established the Office of the Inspector General (OIG), Ordinance No. 2009-049 which is authorized and empowered to review past, present and proposed county contracts, transactions, accounts and records. The AUTHORITY has entered into an Interlocal Agreement (ILA) for Inspector General Services. This agreement provides for the Inspector General to provide services to the AUTHORITY in accordance with the AUTHORITY, functions and powers set out in the Palm Beach County Office of Inspector General Ordinance. All parties doing business with the AUTHORITY and receiving AUTHORITY funds shall fully cooperate with the Inspector General including providing access to records relating to this agreement. The Inspector General has the power to subpoena witnesses, administer oaths, require the production of records, and audit, investigate, monitor, and inspect the activities of the CONTRACTOR, its officers, agents, employees, and lobbyists in order to ensure compliance with contract specifications and detect corruption and fraud. Failure to cooperate with the Inspector General or interference or impeding any investigation shall be in violation of Ordinance 2009-049, and punished pursuant to Section 125.69, Florida Statutes, in the same manner as a second degree misdemeanor.

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ARTICLE 29 - NOTICE

- 29.1 Any notice, demand, communication, or request required or permitted hereunder shall be in writing and delivered in person or sent by certified mail, postage prepaid as follows:

As To AUTHORITY

Solid Waste Authority of Palm Beach County
7501 North Jog Road
West Palm Beach, Florida 33412

Attention: Mark Eyeington, Chief Operations Officer
Office No.: 561-640-4000 Ext. 4513 Fax No.: 561-640-3400 E-Mail: meyeington@swa.org

As To CONTRACTOR

Bergeron Emergency Services
16912 SW 69th Place
Ft. Lauderdale, Florida 33332

Attention: Ronald M. Bergeron, Jr., President
Office No.: 954-680-6100 Fax. No: 866-757-7656 E-Mail: shannmunoz@gmail.com

- 29.2 Notices shall be effective when received at the addresses as specified above. Changes in the respective addresses to which such notice is to be directed may be made from time to time by either party by written notice to the other party. Facsimile transmission is acceptable notice effective when received, however, facsimile transmissions received (i.e.; printed) after 5:00 p.m. or on weekends or holidays, will be deemed received on the next business day. The original of the notice must additionally be mailed as required herein.
- 29.3 Nothing contained in this Article shall be construed to restrict the transmission of routine communications between representatives of CONTRACTOR and AUTHORITY.

ARTICLE 30 - CONTRACT ADMINISTRATION

Services of CONTRACTOR shall be under the general direction of **Mark Eyeington, Chief Operations Officer**, or his/her successor, who shall act as the AUTHORITY'S representative during the term of the Agreement.

ARTICLE 31 - KEY PERSONNEL

CONTRACTOR shall notify AUTHORITY in the event of key personnel changes which might affect this Agreement. Notification shall be made within ten (10) days of said changes. AUTHORITY has the right to reject proposed changes in key personnel. The following personnel shall be considered key personnel:

Brian Thomason, Vice President – Operations
Office No.: 954-680-6100 Cell No.: 954-240-1110 Email: bthomason@bergeroninc.com

Jason Otilige, Operations Manager
Office No.: 954-680-6100 Cell No.: 786-554-3270 Email: Jottilige@bergeroninc.com

Rudy Trabanino, Superintendent
Office No.: 954-680-6100 Cell No.: 954-444-8883 Email: rtrabanino@bergeroninc.com

Christy Fink, Executive Assistant
Office No.: 954-680-6100 Cell No.: 954-549-7871 Email: cfink@bergeroninc.com

ARTICLE 32 - SMALL BUSINESS ENTERPRISE (SBE)

The Governing Board of the AUTHORITY has set 15% as the AUTHORITY'S goal for small business participation in contracts and purchases. CONTRACTOR'S submitted Plan showing how he/she will assist the AUTHORITY in achieving this goal is incorporated into this Agreement as Exhibit C. The AUTHORITY will require periodic documentary proof, acceptable to the AUTHORITY, of the implementation, progress, and final outcome of the proposed Plan. Failure to implement the Plan, or achieve reasonable interim progress, or achieve the final goal reflected in the Plan, may be considered by the AUTHORITY as failure to perform a material provision of this Agreement.

ARTICLE 33 - SCRUTINIZED COMPANIES

As provided in F.S. 287.135, by entering into any Agreement with the AUTHORITY, or performing any work in furtherance hereof, CONTRACTOR hereby certifies that CONTRACTOR and CONTRACTOR'S affiliates, suppliers, sub-contractors, consultants or agents of any type whatsoever who will perform hereunder, have not be placed on the Scrutinized Companies With Activities in Sudan List or Scrutinized Companies With Activities in The Iran Petroleum Energy Sector List created pursuant to F.S. 215.473. If the AUTHORITY determines, using credible information available to the public, that a false certification has been submitted by CONTRACTOR, this CONTRACTOR may be terminated and a civil penalty equal to the greater of \$2 million or twice the amount of this Agreement shall be imposed, pursuant to F.S. 287.135.

ARTICLE 34 - AGREEMENTS WITH OTHER GOVERNMENTAL ENTITIES

- 34.1 The CONTRACTOR agrees that this Agreement constitutes an offer to all State Agencies and Political Subdivisions of the State of Florida under the same terms and conditions, for the same prices and for the same effective period as specified in this Agreement; should the CONTRACTOR deem it in the best interest of their business to do so.
- 34.2 The Agreement in no way restricts or interferes with any State Agency or Political Subdivision of the State of Florida from re-solicitation.

ARTICLE 35 - THIRD PARTY BENEFICIARY DISCLAIMER

It is not the intention of this contract to create third party beneficiary status in any person or entity that is not a direct party to the contract awarded as a result of being the successful CONTRACTOR, and no language in the contract should be construed or interpreted as creating a third party beneficiary.

ARTICLE 36 - CONFIDENTIALITY

No reports, information, computer programs, documentation, and/or data given to, or prepared or assembled by the CONTRACTOR under this Agreement shall be made available to any individual or organization by the CONTRACTOR without prior written approval of the AUTHORITY.

ARTICLE 37 - ESCALATION CLAUSE

- 37.1 The AUTHORITY acknowledges the fluctuating nature of prices. Therefore, on each annual anniversary date of the Agreement, the unit prices may be adjusted upward based on the following formula of indices:
- 37.2 Fifty (50) percent of the price will be adjusted by the average monthly percentage change over the twelve (12) month period ending the May immediately preceding the date for which the price index adjustment is effective in the Consumer Price Index - Urban Wage Earners and Clerical Workers - U.S. City Average - Private Transportation (Series ID CWUR0000SAT1, not seasonally adjusted) as published by the Bureau of Labor Statistics of the U.S. Department of Labor.

- 37.3 Fifty (50) percent of the price will be adjusted by the percentage change in the Average Hourly Earnings of Production Workers (Series ID CEU2000000008) as published by the Bureau of Labor Statistics of the U.S. Department of Labor over the one year period ending the May immediately preceding the date for which the price index adjustment is effective.
- 37.4 In the event that either of these indices is no longer available the parties shall mutually agree to a replacement index. The value of the adjustment will be determined by the AUTHORITY.

ARTICLE 38 - ORDER OF AGREEMENT ACTIVATION / LOCATION ASSIGNMENT

The CONTRACTORS have entered into contingent Agreements with the AUTHORITY for Hurricane/Disaster Debris Removal, Reduction and Disposal. The Agreements awarded will be activated on an as needed basis as solely determined by the AUTHORITY. The AUTHORITY intends to activate the CONTRACTORS in the order of the Selection Committee ranking, as best meets the needs of the AUTHORITY. The AUTHORITY reserves the sole right to assign/reassign any or all CONTRACTORS at any time as may be deemed appropriate depending upon the circumstance(s), the event, or any other condition which may warrant such action.

ARTICLE 39 - TASK ORDER/PERFORMANCE

Task Orders shall be executed bilaterally and the scope of services and format of Task Order shall be mutually agreed to by the CONTRACTOR and AUTHORITY. Performance will be measured by the metrics established in each Task Order. After 1/3 and again after 2/3 of the stipulated number of days of work in the Task Order have elapsed, the CONTRACTOR(s) shall provide a written progress report to the AUTHORITY for review and acceptance. The AUTHORITY shall have the right to correct for CONTRACTOR default or underperformance by any means it deems in its best interest. CONTRACTOR will be required to provide a daily report of quantity of work performed under each Task Order. The daily report shall be submitted by 11:00 a.m. or earlier the following morning.

ARTICLE 40 - BONDS

CONTRACTOR shall maintain a Proposal Bond in the sum of \$500,000. The CONTRACTOR'S Proposal Bond will be returned to the CONTRACTOR in exchange for and acceptance of an appropriate size bond as determined by the AUTHORITY after assessment of damage and definition of the CONTRACTOR'S scope of service. In case of hurricane caused damage, a Category I storm would require a \$2,000,000 Bond, a Category II would require a \$4,000,000 Bond, a Category III would require a \$6,000,000 Bond, a Category IV would require an \$8,000,000 Bond, and a Category V would require a \$10,000,000 Bond. The Bond required would be a Performance and Payment Bond, Exhibit I. The cost of the Bond is included in the unit rates in the Fee Schedule, Exhibit B. The CONTRACTOR shall maintain the Proposal Bond in effect until the Performance and Payment Bond is submitted to and accepted by the AUTHORITY. If the CONTRACTOR fails to supply a Performance and Payment Bond, the AUTHORITY shall be entitled to retain the Proposal Bond to rectify the CONTRACTOR'S unacceptable performance. Pending successful annual CONTRACTOR re-certification, the Proposal Bond shall be in effect for the entire term of the Contract except for the period(s) of time when a Performance and Payment Bond is in effect.

ARTICLE 41 - BUY AMERICA REQUIREMENTS

The CONTRACTOR agrees to comply with the requirements of the Federal Buy America law (See 23 U.S.C. 313, ISTEA Sections 1041(a) and 1048(a), as they may be amended from time to time), as they relate to Federal-aid contracts and the use of steel and iron produced in the United States. A description of the requirements of Buy America is set forth in Exhibit H, which is attached hereto and incorporated by reference as part of this Agreement. CONTRACTOR shall provide a certification statement regarding the origin of all materials or products covered under the Buy America provisions and used in its performance of the Agreement in accordance with the requirements of law and the AUTHORITY, FDOT, and FEMA, to the extent applicable.

ARTICLE 42 - DISADVANTAGED BUSINESS ENTERPRISES

- 42.1 This provision shall supplement Article 32 of the Agreement. The Agreement is subject to the requirements of 49 CFR Part 26. The CONTRACTOR shall not discriminate on the basis of race, color, national origin, or sex in the performance of the Agreement. The CONTRACTOR shall carry out the applicable requirements of 49 CFR Part 26 in the award and administration of this U.S.DOT-assisted contract. Failure by the CONTRACTOR to carry out these requirements is a material breach of Agreement, which may result in the termination of this Agreement or such other remedy as the AUTHORITY deems appropriate, including but not limited to the withholding of payments. Each subcontract the CONTRACTOR signs with a subcontractor must include the assurance in this paragraph. (See 49 CFR 26.13.) Upon request, the CONTRACTOR will provide the AUTHORITY with a copy of each subcontract it enters into.
- 42.2 The CONTRACTOR is required to pay its subcontractors performing work related to this Agreement for satisfactory performance of that work no later than thirty (30) days after the CONTRACTOR'S receipt of payment for that work from the AUTHORITY. The CONTRACTOR may not hold any retainage from its subcontractors unless pursuant to an agreement approved by the AUTHORITY. The CONTRACTOR shall return all retainage payments withheld within thirty (30) days after the subcontractor's work has been satisfactorily completed.
- 42.3 The CONTRACTOR shall, on a monthly basis, submit payment certifications, including a certification regarding their truth and accuracy, for all payments it is seeking and certifications from all subcontractors indicating who has been paid and how. The certifications shall comply with all Federal and State requirements regarding the reporting of DBE participation. The CONTRACTOR shall, if required by the AUTHORITY or FDOT, report its DBE participation monthly on the Equal Opportunity Reporting System located on the Florida Department of Transportation's (FDOT) website found at www.bipincwebapps.com/bizwebflorida/. Audits may be conducted to review payments to DBE subcontractors. The CONTRACTOR will fully cooperate with the AUTHORITY, FDOT or FEMA regarding the monitoring of subcontractors and payments made thereto.

ARTICLE 43 – CERTIFICATION REGARDING SUSPENSION AND DEBARMENT

- 43.1 This Agreement is a covered transaction for purposes of 49 CFR Part 29. Accordingly, the CONTRACTOR shall verify that neither the CONTRACTOR, nor its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified from participation in this Agreement as defined at 49 CFR 29.940 and 29.945.
- 43.2 The CONTRACTOR agrees to comply with the requirements of 49 CFR 29, Subpart C throughout the term of this Agreement. The CONTRACTOR must include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into. CONTRACTOR'S certification is a material representation of fact relied upon by the AUTHORITY. If it is later determined that the CONTRACTOR knowingly rendered an erroneous certification, in addition to remedies available to the AUTHORITY, the State or Federal Government may pursue any available remedies, including but not limited to suspension and/or debarment. The CONTRACTOR further agrees that it will include a provision requiring such compliance in all of its subcontracts or lower tier covered transactions.

ARTICLE 44 - ACCESS TO RECORDS AND THEIR RETENTION

- 44.1 This provision shall supplement Article 27 of the Agreement. The CONTRACTOR shall maintain adequate records to justify all charges, expenses, and costs incurred in estimating and performing the Agreement for at least five (5) years after completion or termination of this Agreement or FDOT's closure of an "emergency event" with the Florida Division of Emergency Management, whichever comes last, except in the event of litigation or settlement of claims arising from the performance of the Agreement, the CONTRACTOR agrees to maintain said records until all litigation, claims, appeals or exceptions related thereto have been resolved.

The records shall be maintained at a location in Palm Beach County, Florida or such other location in Florida approved by the AUTHORITY.

- 44.2 The CONTRACTOR shall make all of its books, records, and other documents related, in any manner to its or its subcontractors' performance of the Agreement, available to the AUTHORITY and any other funding entity (e.g., FDOT, FEMA, the Comptroller General of the U.S. or any of their authorized representatives) for the purpose of examination, audit, reproduction, excerpts and transcripts, during normal business hours, at the CONTRACTOR'S place of business or if CONTRACTOR'S place of business is not located in Palm Beach County, then at the location for maintenance of records referenced above. The CONTRACTOR shall also require its subcontractors to make their books, records and documents available for examination, audit, reproduction, excerpts, and transcripts, for the same duration and in the same manner, and at or near the same locations required herein of CONTRACTOR.

ARTICLE 45 - AUDIT REQUIREMENTS

This provision shall supplement Article 27 of the Agreement. The CONTRACTOR agrees that audits may be undertaken of its records related to its performance of the Agreement as may be authorized or required under OMB Circular A-133, as revised. The CONTRACTOR agrees that it will comply and fully cooperate with the AUTHORITY and any State and/or Federal funding agency(ies), including but not limited to FDOT, Florida's Auditor General, FEMA, or any of their authorized representatives, in any audit or monitoring procedures or processes any such entity(ies) may undertake related to CONTRACTOR'S performance of the Agreement.

ARTICLE 46 - NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)

The CONTRACTOR shall cooperate with the AUTHORITY, FDOT and FEMA so as to assure that all activities related to the performance of this Agreement comply with the requirements of the National NEPA of 1969, as amended, and the regulations and guidance related thereto.

ARTICLE 47 - AMERICANS WITH DISABILITIES ACT

The CONTRACTOR does hereby represent and certify that it will comply with all of the requirements of the Americans with Disabilities Act of 1990 (42 USC 12102, *et seq.*), as it may be amended, and all applicable implementing regulations of the U.S. DOT, FEMA and other Federal-aid agencies.

ARTICLE 48 - COMPLIANCE WITH TITLE VI, TITLE VII AND OTHER FEDERAL LAWS AND REGULATIONS

The CONTRACTOR does hereby represent and certify that it will comply with all the requirements imposed by Title VI of the Civil Rights Act of 1964 and Title VII of the Civil Rights Act of 1968, as they have been and may be modified from time to time (42 USC 2000d, *et. seq.* and 3601 *et.seq.*), and the Age Discrimination and Employment Act of 1967 and Section 303 of the Age Discrimination Act of 1975, as amended (42 USC 6102), and all applicable Federal laws and regulations, policies, procedures and directives of the U.S. DOT, FEMA, and/or other Federal-aid agencies, as they may be promulgated and amended from time to time.

ARTICLE 49 - CONVICT LABOR PROHIBITION

The CONTRACTOR does hereby represent and certify that it will comply with the convict labor prohibition in 23 U.S.C. 114, and all implementing regulations thereto.

In Witness Whereof, the Solid Waste Authority of Palm Beach County, at a regular meeting thereof, by action of the AUTHORITY Board authorizing and directing the foregoing be adopted, has caused these presents to be signed by its Executive Director, and Bergeron Emergency Services has executed this agreement all as of the day and year first above written.

SOLID WASTE AUTHORITY OF PALM BEACH COUNTY:

Witness:

1. Kathy Lucas
2. Barbara Howell

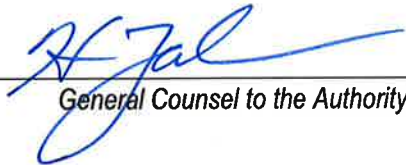
By: _____



Mark Hammond
Executive Director

Approved as to Form and Legal Sufficiency:

By: _____



General Counsel to the Authority

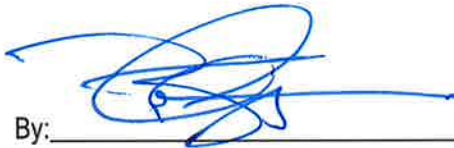
Attest:



Corporate Secretary

BERGERON EMERGENCY SERVICES:

By: _____



(Corporate Seal)

Witness:

1. _____
2. _____

Name: _____

Brian L. Thomason

Title: _____

Vice President of Operations

Approved by Authority Board on April 12, 2017, Item No. 5.H

SCOPE OF WORK

1. PROJECT DESCRIPTION AND REQUIREMENTS

- A. The CONTRACTOR shall remove and lawfully dispose of disaster-generated debris (other than hazardous materials and household putrescible garbage) from public property and public right-of-ways, and to setup and operate Temporary Debris Sites in Palm Beach County, Florida, immediately after a hurricane or other disaster.
- B. The CONTRACTOR submits he/she is capable of efficiently removing large volumes of disaster-generated debris from a large area in a timely and cost-effective manner and lawfully disposing of all debris. CONTRACTOR shall assemble, direct, and manage a work force that can complete the debris management operations in 120 days or less. The duration of effort/completion dates of all tasks will be determined jointly by the AUTHORITY and CONTRACTOR. This determination will be set in writing in appropriate Task Order(s).
- C. The CONTRACTOR shall perform all work in accordance with FEMA guidelines in order to maximize recovery of reimbursable expenses. This task shall include the provision of audit quality documentation as required by and acceptable to FEMA for all work accomplished.
- D. The CONTRACTOR may be required, at the AUTHORITY'S discretion, to be under the direction of an agent of the AUTHORITY.
- E. While intended to cover debris management needs in any major disaster scenario, the primary focus is on the threat of hurricane damage to Palm Beach County, Florida. The planning standards used for this project are based on the anticipated impacts of a named storm event or major flood impacting Palm Beach County, Florida.

2. INTRODUCTION

- A. The AUTHORITY'S disaster recovery planning includes considerations for removing and processing the volumes and types of debris expected to be generated by a major disaster such as a hurricane and the procedures for disposing of that debris. The planning approach is formulated in part on the concept of strategic pre-positioning of plans and resources necessary for timely, coordinated recovery operations, including removal of debris from public property and right-of-ways throughout Palm Beach County using a combination of county, municipal, and CONTRACTOR forces.
- B. If activation is required the AUTHORITY intends to activate contracts on an as-needed basis as solely determined by the AUTHORITY. The AUTHORITY intends to activate the CONTRACTORS in the order of final ranking as best meets the needs of the AUTHORITY. The AUTHORITY reserves the sole right to assign/reassign any or all CONTRACTORS at any time as may be deemed appropriate depending upon the circumstance(s), the event, or any other condition which may warrant such action.
- C. The AUTHORITY envisions the need for multiple Agreements to carry out the debris removal and disposal work throughout Palm Beach County. The CONTRACTOR must have the experience and capability to manage a major workforce with multiple subcontractors and to cover the expenses associated with a major recovery operation prior to the initial AUTHORITY payment and between subsequent payments, as well as the capacity to provide the necessary bonds and insurance. The CONTRACTOR must also have an established management team, an established network of resources to provide the necessary equipment and personnel, comprehensive debris removal and volume reduction operations plans, and demonstrable experience in major disaster recovery projects.

- D. The Agreement will be a contingency Agreement that will be activated only in the face of an emergency. As such, no compensation will accrue to the CONTRACTOR unless and until the Agreement is activated either in anticipation of a natural disaster or immediately after such disaster.
- E. The CONTRACTOR will be required to participate in certain AUTHORITY directed disaster recovery training and/or exercises, 1 to 2 days each year, at no cost to the AUTHORITY.
- F. The AUTHORITY does not guarantee a CONTRACTOR will be activated if awarded a standby agreement.

3. WORK OBJECTIVE

3.1 Planning Standard for Debris Removal and Disposal

The AUTHORITY'S goal is to complete the debris removal and disposal process in 120 days. This assumes that the entire area of the county will be accessible within that period. Due to the low elevation and potential for flooding, some areas might not be accessible for several weeks after a major natural disaster. The CONTRACTOR must be aware that it might not be possible to initiate operations in all parts of the county simultaneously immediately after a storm.

3.2 Debris Management

- a. Planning for debris management operations is a function of the AUTHORITY as a supporting agency to the Palm Beach County Department of Engineering and Public Works. The AUTHORITY'S Emergency Management Coordinator will direct the debris removal and disposal operations.
- b. Each CONTRACTOR will serve as a General CONTRACTOR for the purpose of debris removal and disposal operations, and will be able to use his/her own and subcontractor resources to meet the obligations of the Agreement. It is anticipated that the CONTRACTOR will use both local and non-local subcontractors. **Notwithstanding, the CONTRACTOR will make every effort to use Small Business Enterprises (SBE), to the maximum extent practicable.**
- c. When a major disaster occurs or is imminent, the AUTHORITY will contact the CONTRACTOR to advise them of the AUTHORITY'S intent to activate the Agreement(s). Debris removal will generally be limited to debris in, upon, or brought to county residential private and public streets and roads, right-of-ways, municipal properties and facilities, and other public sites (this includes debris from customers assessed for residential solid waste and recycling collection services by the AUTHORITY). The CONTRACTOR will be responsible for determining the method and manner of debris removal and lawful disposal operations, consistent with the AUTHORITY'S Debris Management Plan. Disposal of debris will be at AUTHORITY approved Temporary Debris Sites or landfill sites. The CONTRACTOR will be responsible for the lawful disposal of all debris and debris-reduction by-products generated at all Temporary Debris Sites.
- d. When a major disaster occurs or is imminent, the AUTHORITY will initially send out an Alert to the selected CONTRACTOR(S). This Alert will serve to activate the lines of communication between the CONTRACTOR representatives and the AUTHORITY. Subsequently, the AUTHORITY will issue the first Task Order which will authorize the CONTRACTOR to send an Operations Manager to the AUTHORITY within 24 hours of receiving such Task Order to begin planning for the operations and mobilizing the personnel and equipment as necessary to perform the stipulated work. This first Task Order will also direct the CONTRACTOR to execute the required Performance and Payment Bond. The CONTRACTOR should anticipate receiving this first Task Order 24 to 72 hours before projected landfall of a hurricane. Depending on the nature of the storm and circumstances the AUTHORITY may activate more than one (1) CONTRACTOR.

- e. The general concept of debris removal operations includes multiple, scheduled passes of each site, location, or right-of-way. This will allow residents to return to their properties and bring debris to the private and public right-of-way as recovery progresses. The AUTHORITY will prescribe the specific schedule to be used after ascertaining the scope and nature of the disaster's impacts.
- f. The AUTHORITY will make every effort to identify strategically located Temporary Debris Sites throughout the county prior to a natural disaster. Depending upon the severity of the natural disaster, additional Temporary Debris Sites will be identified as needed.
- g. The CONTRACTOR will operate the Temporary Debris Sites and only CONTRACTOR vehicles and others specifically authorized by the AUTHORITY will be allowed to use the sites. Only one (1) level of subcontractor will be allowed to operate the sites. There will be no multi-tiered subcontractors (sub of a sub) allowed to operate temporary debris sites. The CONTRACTOR is responsible for all activity at temporary debris sites operated by their subcontractor and must have an employee on site at all times to oversee daily operations. The locations of publicly owned sites currently under consideration are shown on Attachment C. Additional sites (privately owned mostly) may become available as plans develop.
- h. The AUTHORITY may also establish designated homeowner drop-off sites. The CONTRACTOR will be responsible for removing all eligible debris from those sites daily at the direction of the Emergency Management Coordinator or designee.
- i. Curbside segregation of debris and disaster-generated or related wastes will be an element of the AUTHORITY'S disaster recovery program. The debris removal and disposal CONTRACTOR will be required to aid in the segregation and waste stream management processes. Any Household Hazardous Waste (HHW) encountered by the debris removal CONTRACTOR is to be set aside. HHW disposal will be the responsibility of the resident. The AUTHORITY will designate HHW drop-off locations.
- j. The following items are considered HHW for the purpose of this Agreement:
 - Used Oil
 - Batteries
 - Paint
 - Aerosol spray cans
 - Pesticides
 - Antifreeze
 - Fluorescent light bulbs
 - Propane tanks (household size)
- k. The CONTRACTOR will setup a lined containment area and separate any HHW inadvertently delivered to a Temporary Debris Site.
- l. Commercial and industrial hazardous waste such as chemicals, gas containers, transformers, and any other form of hazardous or toxic matter will be set aside for collection and disposal by a Hazardous Materials Removal and Disposal Contractor who will be selected by the AUTHORITY.
- m. Putrescible residential garbage will be collected by AUTHORITY franchise waste haulers and is not to be collected or transported by CONTRACTOR forces.

4. SCOPE OF WORK / OVERVIEW

- A. Specific work authorizations by the AUTHORITY will be through written Task Orders. Task Orders will define the job to be accomplished, location of job, time-frame for completion, rates to be used, etc. Any job with requirements or rates not covered by this Proposal will be negotiated. The AUTHORITY reserves the right to extend operations on a weekly basis. Task Orders will be executed bilaterally. Performance will be by the metrics established in the Task Order(s). After 1/3 and again after 2/3 of the stipulated number of days of work in the Task Order have elapsed, the CONTRACTOR(s) shall provide written progress report to the AUTHORITY for review and acceptance. The AUTHORITY shall have the right to correct for CONTRACTOR'S default or underperformance by any means it deems in its best interest.
- B. The CONTRACTOR shall commence mobilization immediately upon receipt of the mobilization Task Order meeting the following progress patterns: 48 hours- collection activity within assigned Collection Service Area. Within ten (10) calendar days CONTRACTOR shall have 100% of all necessary equipment operating within all Collection Service Areas. This represents a minimum response schedule and does not restrict an earlier response. Subsequently, the AUTHORITY may issue additional Task Orders to define more precisely the work to be accomplished or to authorize additional work. The CONTRACTOR shall perform in accordance with each Task Order in all designated Collection Service Areas established by the AUTHORITY. Each Task Order will be uniquely and sequentially numbered.
- C. The CONTRACTOR is authorized to collect debris during daylight hours, seven (7) days per week. Any deviations from this schedule will require AUTHORITY approval.
- D. The CONTRACTOR must be duly licensed to perform the work in accordance with the State of Florida statutory requirements. The CONTRACTOR shall obtain all permits necessary to complete the work. The CONTRACTOR shall be responsible for determining what permits are necessary to perform under the Agreement. Copies of all permits shall be submitted to the AUTHORITY Emergency Management Coordinator prior to issuance of the first Task Order.
- E. The quantity of work required to complete the Agreement is estimated. The actual effort required may be more or less than the estimated amount shown in the RFP No. 17-204/SLB. Payment will be made in accordance with the Fee Schedule, Exhibit B which is attached hereto and incorporated by reference as part of the Agreement. The output will be verified by the AUTHORITY Emergency Management Coordinator in the daily operational report. Should hourly rates be used to pay for certain equipment then preventative maintenance, not in excess of fifteen (15) minutes in a normal workday, will be paid at the regular hourly rate. Preventative maintenance or down time resulting from equipment failure, routine maintenance and fueling that exceeds fifteen (15) minutes will be considered unacceptable work and non-payment of that time will be rounded off to the half hour of all hours where delays occur. Preventative maintenance is defined as the usual field maintenance to keep equipment in operating condition without the use of extensive shop equipment. Fueling of equipment will be considered as part of preventative maintenance.
- F. The CONTRACTOR shall be responsible for correcting any notices of violations issued as a result of the CONTRACTOR'S or any subcontractor's actions or operations during the performance of this Agreement. Corrections for any such violations shall be at no additional cost to the AUTHORITY.
- G. The CONTRACTOR shall conduct the work so as not to interfere with the disaster response and recovery activities of federal, state or local governments or agencies, or of any public utilities or other private contractor.
- H. The CONTRACTOR shall provide contact information for all key personnel to the AUTHORITY that shall include name, phone number, cellular phone number and email address. The CONTRACTOR and its agents shall respond in a timely manner to all AUTHORITY inquiries at all times.

5. SCOPE OF WORK IN DETAIL

This section is divided into three (3) subsections:

- **Debris Removal and Disposal Operations** from residential public and private streets, roads and right-of-ways and delivered to a Temporary Debris Site.
- **Temporary Debris Site Operations** which includes daily operations as well as reclamation of the site to its pre-storm condition or as directed by the AUTHORITY Emergency Management Coordinator.
- **Processing, Loading and Hauling Material** from Temporary Debris Site to final destination.

5.1 Debris Removal and Disposal Operations

5.1.1 General

- a. The purpose of this section is to define the requirements for debris removal and disposal operations after any catastrophic disaster within Palm Beach County. The AUTHORITY intends to designate zones for collection and disposal of debris. CONTRACTORS will be tasked with a service area(s) for this specific work.
- b. For work performed on a Time and Materials basis, all hourly equipment rates shall include the cost of the maintenance, fuel, repairs, overhead, profit, insurance, and all other costs associated with the equipment including labor and operator.

5.1.2 Services

- a. The CONTRACTOR shall provide equipment, operators and laborers for debris removal operations. The CONTRACTOR shall provide all labor and materials necessary to fully operate and maintain (including fuel, oil, grease, and repairs) all equipment under this Agreement.
- b. All rates are to include the cost of protective clothing (to include hardhats and steel-toed boots), fringe benefits, hand tools, supervision, transportation, lodging and all other costs.
- c. The work shall consist of clearing and removing disaster generated debris as directed by the AUTHORITY Emergency Management Coordinator. CONTRACTOR shall provide collection equipment the day following a natural disaster or as directed by the AUTHORITY and shall provide equipment sufficient to collect a minimum of 50,000 cubic yards of debris per day within ten (10) calendar days of collection commencement (Past AUTHORITY natural disaster cleanup records show that ten (10) days' following disaster, 95,000-126,000 cubic yards of debris was collected per day). Failure to provide sufficient equipment necessary to collect required amount may result in the AUTHORITY entering into a separate agreement with another contractor for collection services.

5.1.2.1 Collection of Storm Generated Residential Vegetation and Construction and Demolition Debris

- i. It is the AUTHORITY'S goal to ensure that Vegetation and Construction/Demolition debris remain separate task orders for the collection of Vegetation and Construction loads. Mixing of loads by the CONTRACTOR at the road right of way will not be tolerated.

- ii. Work may include:
 - First pass to clear debris from emergency evacuation routes, access roads to critical facilities and all primary roadways.
 - Clearing debris from residential private and public road right of ways.
 - Loading the debris.
 - Hauling the debris to an approved Temporary Debris Site or an authorized landfill.
 - Dumping the debris at the Temporary Debris Site or at an authorized landfill.
- iii. Debris delivered to a Temporary Debris Site or authorized landfill will be paid based on the per cubic yard price according to the Fee Schedule, Exhibit B.

5.1.2.2 Hourly Rate Clearing

- i. From 0-70 hours following a disaster CONTRACTOR, as designated by the AUTHORITY, shall provide the clearing services on an hourly rate that shall include the following:
 - Clear debris from emergency evacuation routes, access roads to critical facilities, and primary roadways.
 - Perform emergency removal of debris if needed for life-saving measures.
 - Conduct daily briefings with debris managers and other officials to update progress and discuss issues.
 - Develop a traffic control plan along potential haul routes and at debris management and disposal sites.
- ii. The CONTRACTOR shall not move from one designated Collection Service Area to another area without prior approval from the AUTHORITY Emergency Management Coordinator or designee. CONTRACTORS and/or subcontractors that move to a designated Collection Service Area without prior AUTHORITY approval may be terminated immediately. The AUTHORITY reserves the right to relocate CONTRACTOR to other Collection Service Areas based on need and ability to perform required work at an acceptable level. The AUTHORITY reserves the right to immediately terminate CONTRACTOR and any subcontractor who fails to provide service in accordance to guidelines set forth by FEMA and the AUTHORITY.
- iii. The AUTHORITY or designee shall forward all claims of damage to the CONTRACTOR daily. CONTRACTOR shall provide all contact information, including name, phone number, cellular phone number, fax number and email address, for personnel responsible for resolving all claims of damage. CONTRACTOR must respond to all claims of damage within 24 hours and resolve within ten (10) calendar days. Mailboxes must be repaired or replaced within two (2) calendar days. CONTRACTOR is responsible for all damage caused by his crew and/or subcontractors in the performance of debris removal.
- iv. In the event the CONTRACTOR fails to repair damages as a result of the Contractor's equipment failure or negligence within the time provided within this Agreement, the AUTHORITY or designee may arrange for the repairs and assess the CONTRACTOR for the cost of the repairs and any applicable administrative charges. Any disputes as to damage responsibility will be presented to the Emergency Management Coordinator or designee for review. The decision of the Emergency Management Coordinator or designee will be final.

5.1.3 Equipment

- a. All trucks and equipment must be in compliance with all applicable federal, state, and local rules and regulations. Trucks used to haul debris must be capable of rapidly dumping their load without the assistance of other equipment, be equipped with a tailgate that will effectively contain the debris during transport that will permit the trucks to be filled to capacity. Cyclone fence may be used as temporary tailgates if they comply with the following specifications:
 - Fencing must be permanently attached to one side of the truck bed.
 - After loading, the fencing must be tied to the other side of the truck bed at two places with heavy gauge wire.
 - Fencing must extend to the bottom of the bed.
 - After loading, bottom of fencing shall be tight against the bed of the truck and secured at a minimum of two locations.
 - Solid iron metal bars must be secured to both sides of the fencing.
 - There shall be no hand loaded equipment allowed.
- b. The AUTHORITY or designee shall complete certifications indicating the type of vehicle, make and model, license plate number, equipment number, and measured maximum volume, in cubic yards, of the load bed of each piece of equipment utilized to haul debris. The measured volume of each piece of equipment shall be calculated from actual internal physical measurement performed and certified by the CONTRACTOR. Maximum volumes may be rounded up to the nearest cubic yard. The reported measured maximum volume of any load bed shall be the same as shown on the placards affixed to each piece of equipment. The AUTHORITY reserves the right to re-measure trucks and trailers at any time to verify reported capacity. If a truck and/or trailer are re-measured and the yardage capacity is determined to be lower, the lower yardage volume will be retro to the initial load and total volume adjusted accordingly.
- c. All trucks and trailers utilized in hauling debris shall be equipped with a tailgate that will permit the vehicle to be loaded to capacity and effectively contain the debris on the vehicle while hauling. If installed, all sideboard extensions must remain in place throughout the operation, or the vehicle must be re-measured and remarked. All extensions to the bed are subject to acceptance or rejection by the AUTHORITY Inspector.
- d. Trucks or equipment designated for use under this Agreement shall not be used for any other work during working hours. The CONTRACTOR shall not solicit work from private citizens or others to be performed in the designated Collection Service Area during the period of this Agreement. Under no circumstance will the CONTRACTOR mix debris hauled for others with debris hauled under this Agreement. Failure to comply will result in no payment to CONTRACTOR and operator and vehicle will be declared ineligible to provide any additional emergency debris collection services. Any and all unapproved changes to placard will result in no payment to CONTRACTOR and operator and vehicle will be declared ineligible to perform any additional emergency debris collection services.

5.1.4 Securing Debris

The CONTRACTOR shall be responsible for properly and adequately securing debris on each piece of equipment utilized to haul debris. Prior to leaving the loading site, the CONTRACTOR shall ensure that each load is secure and trimmed so that no debris extends horizontally beyond the bed of the equipment in any direction. All loose debris shall be reasonably compacted during

loading and secured during transport. Tarps or other coverings shall be provided by the CONTRACTOR to prevent materials from falling or being blown from the bed. Loads not properly tarped or otherwise covered will not be allowed to dispose at any AUTHORITY approved temporary debris site which may result in non-payment to CONTRACTOR.

5.1.5 Equipment Signage

Prior to commencing operations, the AUTHORITY or designee shall affix to each piece of equipment, signs or markings indicating the Owner Operator's name and a unique equipment identification number. One sign shall be placed on each side of the equipment. For those trucks, trailers and other equipment intended to haul debris, the maximum volume, in cubic yards, of the load bed shall also be shown. Each operator shall keep AUTHORITY certification with them at all times. Placards must remain on both sides of equipment.

5.1.6 Other Considerations

- a. The CONTRACTOR shall assign and provide an Operations Manager (OM) to the AUTHORITY Debris Management Center to serve as the principal liaison between the AUTHORITY Emergency Management Coordinator or designee and the CONTRACTOR'S forces. The assigned OM must be knowledgeable of all facets of the CONTRACTOR'S operations and have authority in writing to commit the CONTRACTOR. The OM shall be on call 24 hours per day, seven (7) days per week and shall have electronic linkage capability for transmitting and receiving relevant contractual information and make arrangements for onsite accommodations. This linkage shall provide immediate contact via cell phone, Fax machine, and have Internet capabilities. The OM will participate in daily meetings and disaster exercises, functioning as a source to provide essential element information. The OM will report to the AUTHORITY Emergency Management Coordinator or designee. This position will not require constant presence; rather the OM will be required to be physically capable of responding to the AUTHORITY Emergency Management Coordinator within 30 minutes of notification.
- b. The CONTRACTOR shall be responsible for control of pedestrian and vehicular traffic in the work area. At a minimum, one flag person should be posted at each approach to the work area.
- c. The CONTRACTOR shall supervise and direct the work, using skilled labor and proper equipment for all tasks. Safety of the CONTRACTOR'S personnel and equipment is the responsibility of the CONTRACTOR. Additionally, the CONTRACTOR shall pay for all materials, personnel, taxes, and fees necessary to perform under the terms of this contract.
- d. Payment for debris hauled will be based on the quantity of debris hauled in cubic yards. Debris hauled to a Temporary Debris Site will require a validated load ticket. Drivers will be given an electronic or paper load tickets at the loading site by an AUTHORITY loading site monitor. The quantity of debris hauled will be estimated in cubic yards at the Temporary Debris Site by an AUTHORITY Temporary Debris Site monitor. The estimated quantity will be recorded on the electronic or paper load ticket. The AUTHORITY Temporary Debris Site monitor will retain one copy of the paper load ticket and the driver will retain the remaining copies of the load ticket. Debris being hauled to a permanent landfill will be paid based on cubic yards recorded on an approved electronic or paper load ticket. Payment will be made against the CONTRACTOR'S invoice once site monitor and CONTRACTOR load tickets and/or scale tickets match. Load tickets not properly completed and signed will not be paid.

5.2 Temporary Debris Site Operations

5.2.1 General

- a. The purpose of this section is to define the requirements for Temporary Debris Site Operations after any catastrophic disaster within Palm Beach County.
- b. The CONTRACTOR shall use only Temporary Debris Sites designated by the AUTHORITY Emergency Management Coordinator.
- c. The Temporary Debris Site foreman shall direct all dumping operations. Different types of debris shall be kept in separate piles at the Temporary Debris Site. At a minimum, one flag person shall be posted at each Temporary Debris Site for traffic control and to direct unmixed loads to proper location (by debris type) to be dumped. CONTRACTOR shall be responsible for sorting and proper placement of all loads not dumped in appropriate location which results in mixing the once separated debris at no charge to the AUTHORITY.
- d. The CONTRACTOR shall begin grinding vegetative debris within five (5) calendar days of temporary debris site opening date and removing mulch/wood chips within ten (10) calendar days of site opening date. The CONTRACTOR shall begin removal of Construction and Demolition/mixed debris from Temporary Debris Site to an approved final destination within five (5) days of site opening date.

5.2.2 Temporary Debris Site Services

5.2.2.1 Site Setup/Preparation

Site setup/preparation shall be compensated on a time and materials basis in accordance with the hourly rates provided in the Fee Schedule, Exhibit B which is attached hereto and incorporated by reference as part of the Agreement. Site set-up/preparation includes: clearing, stripping, hauling, fill placement, constructing/deconstructing processing pads, limerock or crushed concrete access roads, sodding, and any other similar activity necessary to make the site usable for its intended purposes.

5.2.2.2 Temporary Debris Site Operations and Material Processing

- i Temporary Debris Site operations and material processing shall be compensated in accordance with the unit prices provided in the Fee Schedule, Exhibit B. The CONTRACTOR shall provide equipment, operators, and laborers for Temporary Debris Site operations as specified by Task Order. Unit prices provided in the Fee Schedule, Exhibit B, shall include all labor and materials necessary to fully operate and maintain (including fuel, oil, grease, repairs, operator, mobilization, demobilization, overhead, profit, lodging and insurance) all equipment under this Agreement. Each Inspection Tower shall be equipped with two (2) portable toilets. Toilets shall be provided immediately upon completion of tower assembly. CONTRACTOR shall provide a water truck for the purpose of applying to site surface to minimize dust. The AUTHORITY shall provide a front-load garbage container and collection service of the container at each Temporary Debris Site. CONTRACTOR shall be responsible for cleaning up all trash and litter generated on the site from daily operations and depositing into the container for collection. The entrance roadway and surrounding area within ½ mile of the site's entrance shall be

cleaned daily by the CONTRACTOR. All pre-storm identified sites shall be opened by the CONTRACTOR within three (3) calendar days after receiving approval from the AUTHORITY to operate the debris site. Failure to open sites with proper equipment and necessary personnel will result in liquidated damages of \$10,000 per day. All rates shall include the cost of protective clothing (to include hardhats and steel-toed boots), fringe benefits, hand tools, supervision, transportation, lodging, and any other costs. The work shall consist of managing the operations of a Temporary Debris Site and performing debris reduction by air curtain incineration and/or grinding of storm generated debris as directed by the AUTHORITY Emergency Management Coordinator.

- ii The AUTHORITY plans to use two types of Temporary Debris Sites.
 - Vegetative Temporary Debris Sites will be devoted to the reduction of clean woody debris by either burning or grinding. The AUTHORITY expects the material to be recycled and or beneficially re-used if processed by grinding.
 - Depending upon the size and type of devastation the AUTHORITY may require a separate Construction & Demolition (C&D) staging area, mixed debris staging area and a separate Household Hazardous Waste staging area. The AUTHORITY requests that CONTRACTOR implements recycling and or reduction programs to minimize the quantity of construction debris material to be land filled.
- iii Material coming into the Vegetative or C&D Temporary Debris Sites will be measured and paid for by the cubic yard according to the Fee Schedule, Exhibit B. Material removed and transported from a C&D Temporary Debris Site will be measured and paid by the cubic yard according to the Fee Schedule, Exhibit B.
- iv. Locations of all Temporary Debris Sites will be approved by the AUTHORITY. The AUTHORITY Emergency Management Coordinator must approve site improvements before work begins and any costs, other than those in the Fee Schedule, Exhibit B that might have been negotiated under a Task Order shall be documented for payment.
- v. Material processed at a Temporary Debris Site by either grinding or burning will be measured using cubic yards from incoming load tickets. Material entering a Debris Management Site will be deposited in manageable piles.

5.2.3 Reporting

- a. The CONTRACTOR shall submit a report to the AUTHORITY Emergency Management Coordinator or designee by close of business each day of the term of the Task Order. Each report shall contain, at a minimum, the following information:
 - Contractor's Name
 - Contract Number
 - Daily and cumulative hours for each piece of equipment, *if appropriate*
 - Daily and cumulative hours for personnel, by position, *if appropriate*
 - Volumes of debris handled
- b. Failure to provide audit quality information by 5:00 p.m. of the following day of operation will subject CONTRACTOR to non-payment in each instance at the sole discretion of the AUTHORITY.

5.2.4 Other Considerations

- a. The CONTRACTOR shall supervise and direct the work, using skilled labor and proper equipment for all tasks. Safety of the Contractor's personnel and equipment is the responsibility of the CONTRACTOR. Additionally, the CONTRACTOR shall pay for all materials, personnel, taxes, and fees necessary to perform under the terms of this contract.
- b. The CONTRACTOR shall be responsible for control of pedestrian and vehicular traffic in the work area. In the event a Temporary Debris Site must be closed due to CONTRACTOR equipment or operational failures, CONTRACTOR shall be liable for liquidated damages in the amount of \$25,000.00 per day for every day the site has to remain closed.

5.2.5 Debris Clearance (for access) from Right-of-Ways and Public Property

- a. The AUTHORITY provides support to Palm Beach County Government for Debris Management, including the clearance (moving debris from the middle of the road, etc.) of debris from right-of- ways and public property. Palm Beach County intends to perform debris clearance for access with its own forces or under existing contractual Agreements between the County and local firms. However, in a significant disaster, these resources may be insufficient to perform the clearance activities in a timely manner.
- b. This debris clearance is to be considered supplemental and optional service. It is anticipated that debris clearance activities would be conducted, if needed, on a time and material basis using the rates in the Fee Schedule, Exhibit B.

5.3. Processing, Loading and Hauling Material

- a. CONTRACTOR shall provide all necessary labor, material and equipment to process, load and haul wood chips and construction and/or mixed debris from Temporary Debris Sites in Palm Beach County to final destination for disposal as directed by the AUTHORITY. The AUTHORITY reserves the right to contract with other firms to process, load and haul wood chips and construction and/or mixed debris to a final destination as may best meet the needs of the AUTHORITY. All wood chips, construction and/or mixed debris shall be disposed of in accordance with all Local, State of Florida and Federal guidelines.
- b. CONTRACTOR will provide detailed listing to the AUTHORITY of the following:
 - 1. Quantity (loads and cubic yards)
 - 2. Owner information
 - 3. Site where mulch and Construction/Demolition debris is disposed, to include address/GPS location.

6. MISCELLANEOUS REQUIREMENTS**6.1 Temporary Debris Site Foreman**

- a. The Temporary Debris Site foreman must be an employee of the CONTRACTOR and is responsible for management of all operations of the site to include, traffic control, dumping operations, segregation of debris, burning, grinding, and safety.
- b. The Temporary Debris Site foreman will be responsible for monitoring and documenting equipment and labor time and providing the daily operational report to the AUTHORITY Emergency Management Coordinator or designee.

6.2 Temporary Debris Site Night Foreman

- a. The Temporary Debris Site night foreman must be an employee of the CONTRACTOR and is responsible for managing all night operations approved by the AUTHORITY.
- b. The Temporary Debris Site night foreman will be responsible for monitoring and documenting equipment and labor time and providing the daily operational report to the AUTHORITY Emergency Management Coordinator or designee.

6.3 Temporary Debris Site Management Plan

- a. Once the Temporary Debris Site is identified by the AUTHORITY, the CONTRACTOR will provide a Site Management Plan.
- b. Three (3) copies of the plan are required. The plan shall be drawn to a scale of 1" = 50' and address the following functions:
 - Access to site
 - Site preparation -clearing, erosion control, and grading
 - Traffic control procedures
 - Safety
 - Segregation of debris
 - Location of ash disposal area, hazardous material containment area, CONTRACTOR work area, and inspection tower
 - Location of incineration operations, grinding operation (if required). Burning operations require a 100-foot clearance from the stockpile and a 1000-foot clearance from structures
 - Location of existing structures or sensitive areas requiring protection

6.4 Inspection Tower

The CONTRACTOR shall construct an inspection tower at each Temporary Debris Site within three (3) calendar days of natural disaster. The tower shall be constructed using pressure treated wood or steel scaffold. The floor elevation of the tower shall be 10-feet above the existing ground elevation. The floor area shall be a minimum 8' by 8', constructed of 2"x 8" joists, 16" O.C. with 3/4" plywood supported by a minimum of four 6" x 6" posts. A 4-foot high wall constructed of 2" x 4" studs and 1/2" plywood shall protect the perimeter of the floor area. The floor area shall be covered with a roof. The roof shall provide a minimum of 6'-6" of headroom below the support beams. Steps with a handrail shall provide access to the tower. Inspection towers must provide a dry area for employees and meet all FEMA OSHA requirements.

6.5 Grinding Operation

The CONTRACTOR shall have grinders on site and in operation within 72 hours of natural disaster. Failure to provide grinder(s) on site in operation within 72 hours shall result in liquidated damages of \$10,000 per day. There shall be no period longer than 24 hours in which grinding activity may stop due to equipment or operational failure. Failure to provide back-up equipment within 24 hours shall result in a \$2,000 fine per hour per approved hours of grinding operation per day until grinding activity resumes.

6.6 Household Hazardous Waste Containment Area

The CONTRACTOR shall construct a hazardous material containment area at each Temporary Debris Site. The area shall be 30' x 30'. The perimeter shall be lined with hay bales and staked in place. The area shall be lined with a heavy gage plastic to provide a waterproof barrier. Additional plastic sufficient to cover the area is required to prevent rain from entering the containment area. Site run-off must be redirected from the containment area by site grading.

7. PERFORMANCE OF CONTRACTOR

- A. It is the intent of this Agreement to ensure that the CONTRACTOR provides a quality level of services. To this end, all complaints received by the Emergency Management Coordinator or designee, and reported to the CONTRACTOR shall be promptly resolved pursuant to the provisions of this Agreement.
- B. The Emergency Management Coordinator or designee may levy administrative charges for the following infractions:
 - 1. Failure to open pre-storm identified sites within three (3) calendar days of after being tasked by the AUTHORITY liquidated damages of \$10,000 per day for each day not opened.
 - 2. Closure of Temporary Debris Site due to CONTRACTOR equipment or operational failures liquidated damages of \$25,000 per day, for each day site must remain closed.
- C. Failure to provide back-up grinders within 24 hours of equipment breakdown liquidated damages of \$2,000 per hour per approved grinding hours of operation per day.
- D. CONTRACTOR may also be subject to non-payment and liquidated damages of \$200 for each of the following infractions:
 - 1. Failure to provide audit quality information by 5:00 p.m. of the following day of operation.
 - 2. Loads not properly tarped or otherwise covered.
 - 3. Mixing debris hauled from other sources with debris hauled under this Agreement.
 - 4. Mixing vegetation debris with C & D material.
- E. CONTRACTOR may be immediately terminated and not paid for the following:
 - 1. Collection of any non-eligible, non-AUTHORITY approved stumps or debris.
 - 2. Moving to another designated Collection Service Area without prior AUTHORITY approval.
 - 3. Failure to provide service in accordance to guidelines set forth by FEMA and the AUTHORITY.
 - 4. Soliciting work from private citizens or others to be performed in the designated Collection Service Area during the period of this Agreement.
 - 5. Alteration of placards placed on certified trucks and/or trailers.
- F. Any disputes regarding Performance of Contractor will be presented to the Emergency Management Coordinator or designee for review. The Emergency Management Coordinator or designee shall complete review and make determination within three (3) calendar days. Decisions of the Emergency Management Coordinator or designee shall be final.

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FEE SCHEDULE

VOLUME BASED PRICING FOR 3,000,000 CUBIC YARD (CY) DEBRIS DISASTER

ITEM/DESCRIPTION	ESTIMATED QUANTITY	UNIT	PRICE PER CY	EXTENSION
1.0 Public Property and Right of Way Collection, Loading and Hauling to a designated Temporary Debris Site.				
A. Vegetation	2,500,000	CY	\$9.05	\$22,625,000.00
B. Construction Debris / Mixed Debris	500,000	CY	\$11.50	\$5,750,000.00
2.0 Temporary Debris Site operation to include placement of monitoring towers, portable toilets, keeping on-site and adjacent roads area clean of trash and garbage, debris acceptance, pile management, and phase I reclamation.	3,000,000	CY	\$1.25	\$3,750,000.00
3.0 Processing of debris through grinding and/or chipping.	2,500,000	CY	\$1.95	\$4,875,000.00
4.0 Loading, hauling and disposing wood chips to final destination. <i>(This rate includes disposal cost)</i>	1,000,000	CY	\$9.00	\$9,000,000.00
5.0 Volume reduction through air curtain incineration.	2,500,000	CY	\$2.00	
6.0 Loading and hauling of construction debris and/or mixed debris from Temporary Debris site to a permitted C&D recycling facility or any other designated Disposal Facility. <i>(This rate shall not include disposal cost). Miles from TDRS to final destination – 1 way.</i>				
A. 0 ≤ 20 miles	500,000	CY	\$4.50	
B. > 20 ≤ 50 miles	500,000	CY	\$6.25	
C. > 50 ≤ 80 miles	500,000	CY	\$9.75	
D. > 80 ≤ 110 miles	500,000	CY	\$15.00	
E. > 110 ≤ 200 miles	500,000	CY	\$16.00	
AVERAGE: (Item 6.0 A-E)			\$10.30	
AVERAGE (Item 6.0 A-E) x 500,000 CY =				\$5,150,000.00
TOTAL PRICE: (Items 1.0 - 4.0; 6.0)				\$51,150,000.00

Unit Prices, unless otherwise indicated, shall include all labor (operators, laborers, supervisors) and materials including but not limited to: supplies, equipment maintenance, repairs, repair parts, fuels, lubricants, cellular phones, transportation, and housing, if required, necessary to accomplish the project. The quantities and distributions are estimated. Locations of sites, debris quantities, destinations, material densities, etc. may differ substantially in an actual disaster.

Assumptions: 3,000,000 cubic yards of debris consisting of 2,500,000 cubic yards of vegetation debris and 500,000 cubic yards of mixed debris.

FEE SCHEDULE

HOURLY RATES

DEBRIS MANAGEMENT SITE SET-UP AND CLOSURE AND DEBRIS CLEARANCE FOR ACCESS - OPTIONAL USE BY COUNTY AND OTHER GOVERNMENTAL ENTITIES			
EQUIPMENT AND LABOR RATES			
EQUIPMENT TYPE	HOURLY EQUIPMENT RATE	HOURLY LABOR RATE	TOTAL HOURLY RATE
Bobcat Loader	\$38.00	\$30.00	\$68.00
Crew Foreman w/ Cell Phone and Pickup	\$24.50	\$55.00	\$79.50
Dozer, Tracked, D5 or similar	\$85.00	\$30.00	\$115.00
Dozer, Tracked, D6 or similar	\$95.00	\$30.00	\$125.00
Dozer, Tracked, D7 or similar	\$115.00	\$30.00	\$145.00
Dozer, Tracked, D8 or similar	\$135.00	\$30.00	\$165.00
Dump Truck, 18 CY-20 CY	\$42.00	\$28.00	\$70.00
Dump Truck, 21CY-30 CY	\$47.00	\$28.00	\$75.00
Generator and Lighting	\$45.00	\$0.00	\$45.00
Grader w/ 12' Blade	\$85.00	\$35.00	\$120.00
Hydraulic Excavator, 1.5 CY	\$85.00	\$30.00	\$115.00
Hydraulic Excavator, 2.5 CY	\$100.00	\$30.00	\$130.00
Knuckleboom Loader	\$140.00	\$35.00	\$175.00
Laborer w/ Chain Saw	\$25.00	\$30.00	\$55.00
Laborer w/ small tools, traffic control, flag person	\$5.00	\$25.00	\$30.00
Lowboy Trailer w/ Tractor	\$62.00	\$28.00	\$90.00
Operations Manager w/ Cell Phone and Pickup	\$25.00	\$85.00	\$110.00
Pickup Truck, .5 Ton	\$40.00	\$25.00	\$65.00
Soil Compactor 81 HP+	\$45.00	\$25.00	\$70.00
Soil Compactor to 80 HP	\$35.00	\$25.00	\$60.00
Soil Compactor, Towed Unit	\$46.00	\$25.00	\$71.00
Truck, Flatbed	\$60.00	\$25.00	\$85.00
Tub Grinder, 800 to 1,000 HP	\$420.00	\$35.00	\$455.00
Water Truck	\$55.00	\$25.00	\$80.00
Wheel Loader, 2.5 CY, 950 or similar	\$95.00	\$30.00	\$125.00
Wheel Loader, 3.5-4.0 CY, 966 or similar	\$110.00	\$30.00	\$140.00
Wheel Loader, 4.5 CY, 980 or similar	\$130.00	\$30.00	\$160.00
Wheel Loader-Backhoe, 1.0-1.5 CY	\$95.00	\$30.00	\$125.00

FEE SCHEDULE

UNIT COST

ITEM	HAZARDOUS STUMP REMOVAL, HAULING, AND DISPOSAL	UNIT	UNIT COST
1	6 inch diameter to 12 inch diameter	Stump	\$250.00
2	13 inch diameter to 24 inch diameter	Stump	\$375.00
3	25 inch diameter to 48 inch diameter	Stump	\$525.00
4	49 inch diameter and greater	Stump	\$695.00
5	Stump Fill Dirt – Fill dirt for stump holes after removal	CY	\$10.00
HAZARDOUS TREE REMOVAL, HAULING, AND DISPOSAL			
6	6 inch diameter to 12 inch diameter	Tree	\$225.00
7	13 inch diameter to 24 inch diameter	Tree	\$425.00
8	25 inch diameter to 48 inch diameter	Tree	\$575.00
9	49 inch diameter and greater	Tree	\$695.00

NOTE:

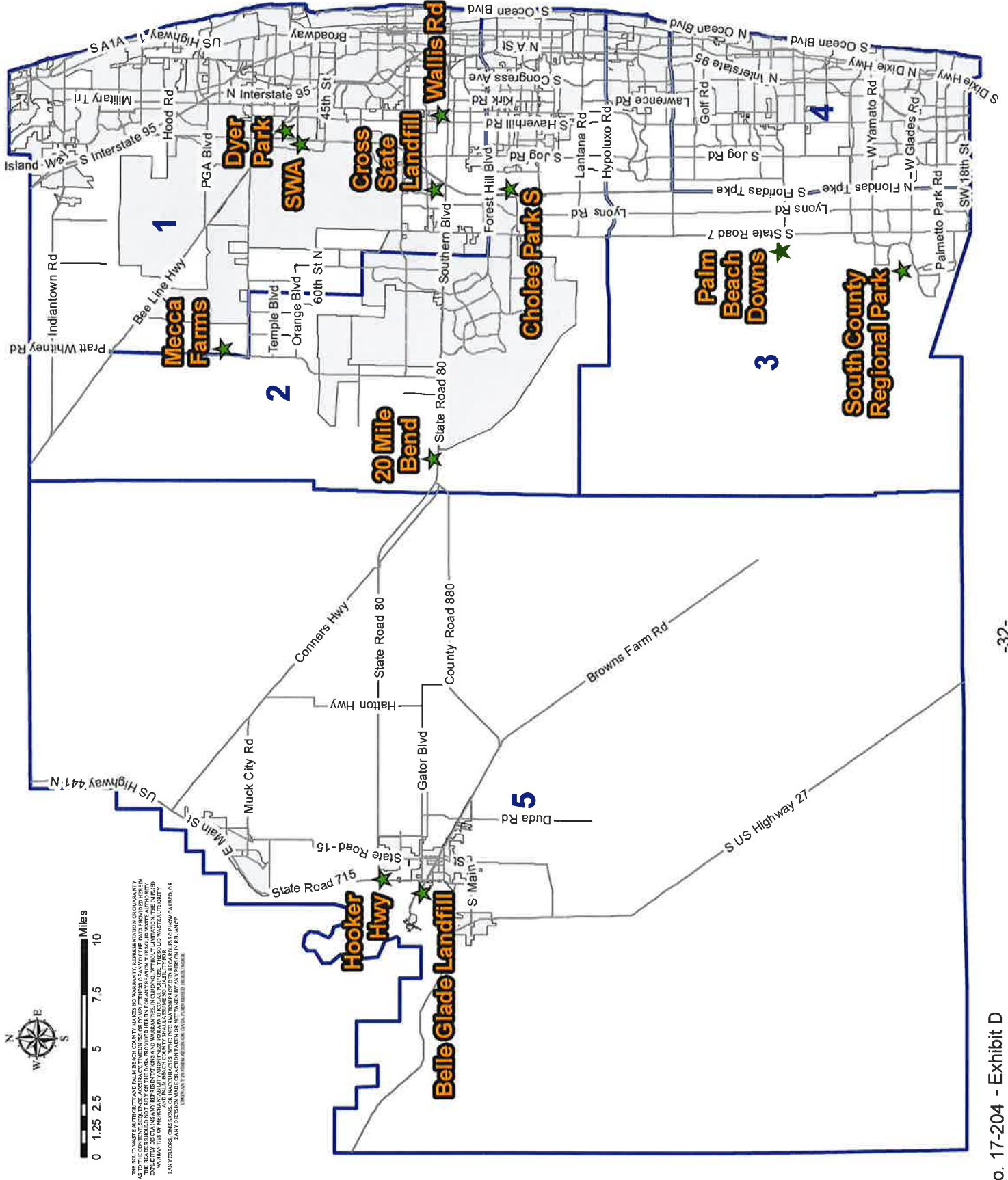
The **AUTHORITY** reserves the right to use this contract to handle small quantities of debris removal, as needed, related to a disaster event that does not qualify for FEMA assistance. This will include any disaster event that produces small quantities of debris.

REMOVAL, AND TRANSPORTING OF DEBRIS TO AN APPROVED SWA DISPOSAL/RECYCLING FACILITY	
EQUIPMENT	DAILY RATE (10 HRS/DAY)
Knuckleboom Loader and Operator	\$1,750.00

The above daily rate shall include all associated costs (direct labor, overhead, profit, supervision, insurance).



DEBRIS ZONES AND POTENTIAL TEMPORARY DEBRIS SITES



THE SOLE SOURCE AUTHORITY AND PALM BEACH COUNTY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, SEQUENCE, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE DATA PROVIDED HEREIN. THE DATA IS PROVIDED "AS IS" WITHOUT WARRANTY OF ANY KIND, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE DATA IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT CONSTITUTE AN OFFICIAL RECORD. THE DATA IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED. THE DATA IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED. THE DATA IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS PROVIDED.

PUBLICLY OWNED DEBRIS MANAGEMENT SITES

SWA Temporary Debris Disposal Sites:

SITE	LOCATION
20-Mile Bend / Palm Beach Aggregates *	North side of Southern Boulevard approximately 4 miles west of Lion Country Safari
Belle Glade	West end of West Canal Street, South Belle Glade
Cholee Park	West of Jog Road on the south side of Forest Hill Boulevard across from the entrance to Okeeheelee Park
Cross State Landfill	Pike Road, West Palm Beach
Dyer Landfill (Closed)	South of Beeline Highway on the west side of Haverhill Road
Hooker Highway *	South side of Hooker Highway approximately 1 mile west of the intersection of State Road 80 and 441
Mecca Farms	Approximately 1 mile north of Northlake Boulevard on the east side of Seminole Pratt Whitney Road
Palm Beach Downs	Approximately ¾ mile west of 441 on West Atlantic Avenue
SWA North Jog Road	Located on Jog Road, West Palm Beach
South County Regional Park	Take Glades Road west of 441 approximately 2 miles to Ponderosa Drive and turn north to the site
Wallis Road	Located on the north side of Wallis Road between Haverhill Road and Military Trail

* Private Sites used in the past.

Solid Waste Authority of Palm Beach County
Disaster Debris Removal and Disposal

SOLID WASTE AUTHORITY**OF PALM BEACH COUNTY**

7501 North Jog Road

West Palm Beach, Florida 33412

Telephone: 561-640-4000 • Fax: 561-640-3400



**TASK ORDER
DISASTER DEBRIS MANAGEMENT**

TO _____
Task Order No. _____

In accordance with _____ (Contractor) contract, with the Solid Waste Authority of PBC, Florida, (AUTHORITY) Agreement No. 17-204F for Hurricane/Disaster Debris Removal, Reduction, and Disposal dated _____ the AUTHORITY hereby requests and authorizes the services to be performed on the project as described below:

Project: _____

Specific Work to be performed: _____

Duration of Work (Include Start Date, End Date and Total Calendar Days): _____

Method of Payment: _____

Estimated Cost of this Task Order: \$ _____

Contractor Signature: _____ Date: _____

AUTHORITY Signature: _____ Date: _____

SWA Use Only			
SWA Requestor/Monitor: _____		Date: _____	
SWA Dept. Director: _____		Date: _____	
Vendor No.: _____	Account No.: _____	Project: _____	
Purchasing: _____	Budget: _____	Accounting: _____	

MOBILIZATION SCHEDULE

CONTRACTOR shall commence mobilization of equipment, operators, and laborers immediately upon receipt of a Mobilization Task Order to meet the progress pattern set below.

	Category 1 & 2	Category 3	Category 4	Category 5
Within 24 hours	40%	25%	20%	15%
Within 48 hours	80%	40%	35%	25%
Within 72 hours	100%	75%	50%	45%
Within 96 hours		100%	70%	60%
Within 7 days			90%	80%
Within 10 days			100%	90%
Within 14 days				100%

BUY AMERICA REQUIREMENTS

Source of Supply – Steel and Iron (Federal Aid Contracts Only): For Federal-aid contracts, the Contractor will only use steel and iron produced in the United States, in accordance with the buy America provisions of 23 CFR 635.410. Contractor will ensure that all manufacturing processes for these materials occur in the United States. A manufacturing process is any process that modifies the chemical content, physical shape, size or final finish of a product, beginning with the initial melting and mixing and continuing through the bending and coating stages. A manufactured steel or iron product is complete only when all grinding, drilling, welding, finishing and coating have been completed. If a domestic product is taken outside the United States for any process, it becomes foreign source material. When using steel and iron as a component of any manufactured product incorporated into the project (e.g., concrete pipe, pre-stressed beams, corrugated steel pipe, etc.), these same provisions apply, except that the manufacturer may use minimal quantities of foreign steel and iron when the cost of such foreign materials does not exceed 0.1% of the compensation or \$2,500, whichever is greater. These requirements are applicable to all steel and iron materials incorporated into the finished work, but are not applicable to steel and iron items that the Contractor uses but does not incorporate into the finished work. The Contractor shall provide a certification from the producer of steel or iron, or any product containing steel or iron as a component, stating that all steel or iron furnished or incorporated into the finished product was manufactured in the United States in accordance with the requirements of this provision. Such certification shall also include: (1) a statement that the product was produced entirely within the United States, or (2) a statement that the product was produced with the United States except for minimal quantities of foreign steel and iron and specify the actual value of the product. Each such certification shall be furnished to the AUTHORITY prior to incorporating the material into the project. When FHWA allows the use of foreign steel on a project, Contractor shall furnish invoices to document the costs of such material, and obtain the AUTHORITY'S written approval prior to incorporating the material into the project.

PERFORMANCE AND PAYMENT BOND

BY THIS BOND, WE, _____, Inc., as Principal and _____ a Corporation, as Surety, are bound to the Solid Waste Authority of Palm Beach County, hereinafter referred to as "Authority", in the sum of _____ Dollars (up to \$10,000,000), for payment of which we bind ourselves, our heirs, personal representatives, successors, and assigns, jointly and severally.

THE CONDITION OF THIS BOND is that if Principal:

1. Performs the Agreement dated _____, 20____ between Principal and Authority for Hurricane/Disaster Debris Removal, Reduction and Disposal, **Agreement No. 17-204F**, the Agreement being made a part of this bond by reference, in the time and in the manner prescribed in the Agreement, and;
2. Promptly makes payment to all claimants, as defined in Section 255.05(1), Florida Statutes, supplying Principal with labor, materials and supplies, used directly or indirectly by Principal in the prosecution of the work provided for in the Agreement, and;
3. Pays Authority all loss, damages, expenses, costs, and attorney's fees, including appellate proceedings, that Authority sustains because of a default by Principal under the Agreement, and;
4. Performs the guarantee of all work and materials furnished under the Agreement for the time specified in the Agreement, and;
5. At completion of all work covered by Agreement and Final Payment by Authority to Principal then Principal will replace this Performance and Payment Bond with a Proposal Bond, in the amount of 5% of this Performance and Payment Bond, to be held by the Authority as a guarantee that Principal will provide to the Authority a Performance and Payment Bond in the amount of up to \$10,000,000 on the occasion of a subsequent Task Order in accordance with the above referenced Agreement;

then this bond is void; otherwise it remains in full force.

Surety shall be responsible for any and all liquidated damages imposed by the Authority for the referenced Agreement.

EXHIBIT I

Any changes in or under the Agreement Documents and compliance or noncompliance with any formalities connected with the Agreement or the changes does not affect Surety's obligation under this bond. Any increase in the total Agreement amount as authorized by the Authority shall accordingly increase the Surety's obligation by the same dollar amount of said increase. CONTRACTOR shall be responsible for notification to Surety of all such changes.

See subsection (2) of Section 255.05, Florida Statutes as amended for the notice and time limitations for claimants.

Signed and sealed this _____ day of _____, 20____.

PRINCIPAL: _____

By: _____
Signature

Name: _____

Title: _____

Address: _____

Telephone: _____

SURETY: _____

By: _____
Signature

Name: _____

Title: _____

Address: _____

Telephone: _____

WITNESS:

1. _____

2. _____

WITNESS:

1. _____

2. _____

NOTE:

Date of Bond must not be prior to date of Agreement. If CONTRACTOR is a Partnership, all partners must execute bond.

IMPORTANT:

Surety companies executing bonds **must** appear and remain on the Treasury Department's most current list (Circular 570 as amended) during construction, guarantee and warranty periods, and be authorized to transact business in the State of Florida, and be pre-approved by the Authority.

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 OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS DISPOSAL SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES, INC., DATED SEPTEMBER 13, 2017 ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

--

Exhibits Attached

Resolution, Memo, Exhibit A- DB/Bergeron Park of Commerce Diposal Agreement

RESOLUTION NO. 2017-132

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS DISPOSAL SERVICES PROVIDED BY BERGERON EMERGENCY SERVICES, INC. DATED SEPTEMBER 13, 2017 ENTERED INTO UNDER EMERGENCY CONDITIONS BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; 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 he 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 \$25,000.00 for a vendor each fiscal year; and

WHEREAS, the Public Services Department entered into an agreement with Bergeron Emergency Services, Inc. to handle disposal of debris post Hurricane Irma under emergency conditions during fiscal years 2016-2017 and 2017- 2018, which Agreement is dated September 13, 2017 and the Department is seeking ratification of the Agreement, a copy of which is attached as Exhibit "A"; and

WHEREAS, such services are expected to exceed the annual Twenty Five Thousand Dollars (\$25,000.00) City purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018, 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 City Commission authorizes and ratifies the contract dated September 13, 2017, and related expenses for disposal of debris services provided by Bergeron

Emergency Services, Inc. in an amount exceeding the annual amount of Twenty Five Thousand Dollars (\$25,000.00) purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018.

Section 3. Funds are available and appropriated within the City Hurricane Expense Account No. 001-18-00-519-52-90.

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 and retroactive to September 13, 2017, upon its passage and adoption.

PASSED and ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY



City of Dania Beach

Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6808 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commissioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services

DATE: October 24, 2017

RE: Approval to Ratify Funds for Bergeron Emergency Services, Inc.

On September 10, 2017, Hurricane Irma hit Dania Beach and left major debris throughout the City. Public Services under emergency provisions acquired Bergeron Emergency Services, Inc. to handle debris disposal. Therefore, Public Services entered into a disposal agreement with Bergeron Emergency Services, Inc. dated September 13, 2017.

BES offered a competitive disposal rate that was the most cost effective than the Broward County Interlocal Agreement. In addition, BES provided the City of Dania Beach with a disposal site that was not shared with any other municipal city. This reduced wait times for our debris haulers by a significant amount.

Public Services is requesting City Commission approval to ratify the contract and related expenses for debris disposal by Bergeron Emergency Services, Inc. in an amount to exceed the City's \$25,000.00 threshold for an annual vendor for FY 2016-2017 and FY 2017-2018.

Funding for debris removal, reduction and disposal services will be appropriated from the Hurricane Expense Account No. 001-18-00-519-52-90.

Recommendation

Public Services is recommending the City Commission approve a resolution to authorize ratification of expenses for disposal services by Bergeron Emergency Services, Inc. and to exceed the City's \$25,000.00 vendor annual threshold for FY 2016-2017 and FY 2017-2018.



19612 SW 69th Place
Ft. Lauderdale, FL 33332

September 12, 2017

The City of Dania Beach
1201 Stirling Rd
Dania Beach, FL 33334

ATTN: Brad Kaine, Public Works Director

Reference: **Proposal for Accepting Vegetative Debris at Bergeron Park of Commerce**

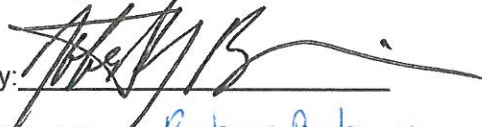
Dear Mr. Kaine,

Bergeron Emergency Services, Inc. proposes to accept vegetative debris from disaster related damage transported from the City of Dania Beach to Bergeron Park of Commerce for \$10.00 per cubic yard. The dumpsite will be fully facilitated.

Bergeron Emergency Services, Inc. will provide personnel with Bergeron ticket books. Truck number and yardage will be on each ticket to be signed by a City of Dania Beach representative for each load.

Bergeron Emergency Services, Inc. will submit invoices weekly. Payment due Net 30 days.

The City of Dania Beach

By: 

Printed Name Robert Baldwin

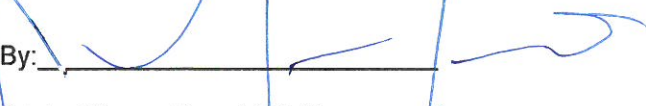
Title City Manager

Date 9/13/17

Notary Public: _____

My Commission Expires: _____

Bergeron Emergency Services, Inc

By: 

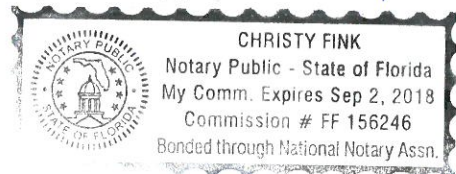
Printed Name: Ronald M. Bergeron, Jr.

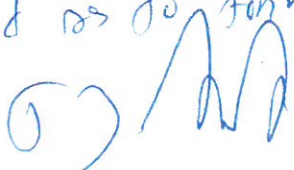
Title: President

Date: 9/13/2017

Notary Public Christy Fink

My Commission Expires: 9/2/2018



approved as to form


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, RATIFYING A CONTRACT FOR DEBRIS MONITORING SERVICES PROVIDED BY ROSTAN SOLUTIONS, LLC, UTILIZING PRICING UNDER THE CITY OF CORAL SPRINGS RFP#13-B-097 DATED MAY 17, 2017 ENTERED INTO UNDER EMERGENCY CONDITIONS ON BEHALF OF THE CITY OF DANIA BEACH BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution, Memo , Exhibit A- DB/Rostan Solutions LLC Agreement, Exhibit B- Coral Springs RFP13-B-097 Debris Monitoring

RESOLUTION NO. 2017-133

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, RATIFYING A CONTRACT FOR DEBRIS MONITORING SERVICES PROVIDED BY ROSTAN SOLUTIONS, LLC, UTILIZING PRICING UNDER CITY OF CORAL SPRINGS RFP #13-B-097 DATED MAY 17, 2017, ENTERED INTO UNDER EMERGENCY CONDITIONS ON BEHALF OF THE CITY OF DANIA BEACH BY THE CITY MANAGER AS A RESULT OF HURRICANE IRMA AND AUTHORIZING AND RATIFYING FUNDS THAT EXCEED AN ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); FOR FISCAL YEARS 2016-2017 AND 2017-2018; 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 he 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 \$25,000.00 for a vendor each fiscal year; and

WHEREAS, the City of Dania Beach prior to Hurricane Irma did not have an existing debris monitoring contract in place; and

WHEREAS, the Public Services Department entered into an agreement with Rostan Solutions, LLC to handle debris monitoring post Hurricane Irma under emergency conditions during fiscal years 2017 and 2018, which Agreement is dated September 8, 2017 and the Department is seeking ratification of the Agreement, a copy of which is attached as Exhibit "A"; and

WHEREAS, the Public Services Director determined that debris monitoring services could best be obtained from Rostan Solutions, LLC utilizing pricing under the City of Coral Springs Contract attached as Exhibit "B" which was competitively bid by the City under its RFP 13-B-097; and

WHEREAS, such services are expected to exceed the annual Twenty Five Thousand Dollars (\$25,000.00) City purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018, 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 City Commission authorizes and ratifies the contract dated September 8, 2017 and related expenses for debris monitoring services provided by Rostan Solutions, LLC, utilizing the City of Coral Springs pricing under its RFP #13-B-097 in an amount exceeding the annual amount of Twenty Five Thousand Dollars (\$25,000.00) purchase threshold for a single vendor for fiscal years 2016-2017 and 2017-2018.

Section 3. Funds are available and appropriated within the City Hurricane Expense Account No. 001-18-00-519-52-90.

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 and retroactive to September 9, 2017, upon its passage and adoption.

PASSED and ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY



City of Dania Beach

Department of Public Services

100 West Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-6808 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commissioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services

DATE: October 24, 2017

RE: Approval to Ratify Funds for Rostan Solutions LLC

On September 10, 2017, Hurricane Irma hit Dania Beach and left major debris throughout the City. In anticipation of the storm, Public Services under emergency provisions acquired Rostan Solutions to handle debris monitoring. The City did not have a current debris-monitoring contract in place. Therefore, Public Services entered into an agreement with City Manager approval utilizing pricing under the City of Coral Springs contract (RFP 13-B-097) with Rostan Solutions LLC for debris monitoring.

Public Services is requesting City Commission approval to ratify the contract and related expenses for debris monitoring by Rostan Solutions in an amount which will exceed the City's \$25,000.00 threshold for an annual vendor for FY 2016-2017 and FY 2017-2018.

Funding for debris monitoring services provided by Rostan will be appropriated from the Hurricane Expense Account No. 001-18-00-519-52-90.

Recommendation

Public Services is recommending the City Commission approve a resolution to ratify the contract and further authorizes ratification of expenses for debris monitoring by Rostan Solutions LLC and to exceed the City's \$25,000.00 vendor annual threshold for FY 2016-2017 and FY 2017-2018.



Rostan Solutions, LLC
3433 Lithia Pinecrest Road
Suite 287
Valrico, FL 33596
Tel 813 333 7042
Fax 813 333 7330
www.rostan.com

Brad Kaine
1201 Stirling Road
Dania Beach, FL 33004

Dear Mr. Kaine:

Please allow this letter to serve as Rostan Solutions' (ROSTAN's) commitment to provide Disaster Debris Monitoring Services to the City of Dania Beach (Dania Beach) under the same terms and conditions as the City of Coral Springs (Coral Springs) Agreement for Disaster Debris Monitoring Services, as amended. Attached is the competitively bid and fully executed Agreement for Disaster Debris Monitoring Services between Arcadis US, Inc. and Coral Springs, as well as the First Amendment to the Agreement, assigning the Agreement to ROSTAN. The initial term of the Coral Springs Agreement was four (4) years (expiring June 30, 2017) with the option to extend for one additional four (4) year term. On May 17, 2017 Coral Springs exercised its option to extend the Agreement for the additional four (4) year term, resulting in the term being extended through June 30, 2021. This Second Amendment to the Agreement is also attached.

Date:
September 8, 2017

Contact:
Darius J. Stankunas

Phone:
813-417-0106

Email:
dstankunas@rostan.com

Dania Beach will receive the same level of support and pricing as stated in the Coral Springs Agreement referenced above. Dania Beach's agreement will be administered independently of Coral Springs and all issues will be handled directly between Dania Beach and ROSTAN. Please acknowledge acceptance of this agreement by signing and returning a copy of this letter for our files.

We appreciate the opportunity to serve Dania Beach.

Sincerely,

Rostan Solutions LLC

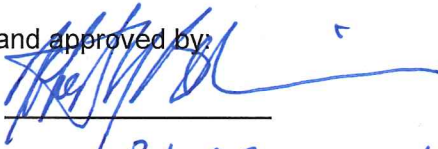
A handwritten signature in blue ink, appearing to read "Darius J. Stankunas", written over a horizontal line.

Darius J. Stankunas

President

Attachments

Accepted and approved by:

Signature: A handwritten signature in blue ink, appearing to read "Robert Bando", written over a horizontal line.

Name/Title:

Date:

9-8-2017

Robert Bando, City Manager

DATE: March 5, 2013

RFP NO. 13-B-097

REQUEST FOR PROPOSALS

ALL INTERESTED PARTIES:

The City of Coral Springs, Florida, hereinafter referred to as CITY, will receive sealed Proposals at the office of the Purchasing Administrator, City Hall, 9551 West Sample Road, Coral Springs, Florida 33065, for furnishing the services described below:

DISASTER DEBRIS MONITORING SERVICE

Sealed Proposals must be received and time stamped in by the Purchasing Administrator, either by mail or hand delivery, no later than 2:00 p.m. local time on Wednesday, March 27, 2013. A public opening will take place at or before 2:15 p.m. in the City Commission Chambers located at City Hall on the same date. Any Proposals received after 2:00 p.m. local time on said date will not be accepted under any circumstances. Any uncertainty regarding the time a Proposal is received will be resolved against the Offeror.

Proposals are subject to the attached Standard Terms and Conditions contained in the Instructions to Offerors.

CITY reserves the right to reject any or all Proposals, to waive any informalities or irregularities in any Proposals received, to re-advertise for Proposals, to award in whole or in part to one or more offeror's, or take any other such actions that may be deemed to be in the best interests of the CITY.

Leo Bermudez
Purchasing Agent II

CITY OF CORAL SPRINGS, FLORIDA • DEPARTMENT OF FINANCIAL SERVICES
9551 W. Sample Road • Coral Springs, FL 33065 • CoralSprings.org
Phone 954-344-1100 • Fax 954-344-1186

I. STATEMENT OF THE WORK

- A. Objective: The successful proposer will provide the required pre-event, post-event, and other necessary debris monitoring services as needed by the City as a result of a hurricane or other disaster, as required.

II. SCOPE OF SERVICES

See Attachment "A", for scope of services.

III. PROPOSAL REQUIREMENTS

1. Scope of Services Proposed

Clearly describe the scope of services proposed inclusive. Include details of your approach and work plans. Additional outline any past work history/experience with Phillips and Jordan, Inc., as they are the current Disaster Recovery Service provider. A brief statement must be included which explains why your approach and plan would be the most effective and beneficial to the City of Coral Springs.

2. Firm Qualifications

This section of the Proposal should give a description of the firm, including the size, range of activities, etc. Particular emphasis should be given as to how the firm-wide experience and expertise in the area of Disaster Debris Monitoring will be brought to bear on the proposed work.

This section must also identify the contact person supervisory personnel who will work on the project. Resumes of each person should be provided with emphasis being given to their experience with similar work. If resumes are not available at the time the proposal is submitted, you should provide a listing of the qualifications, including education, experience, etc., that will be required.

3. References

Provide a list and description of similar projects satisfactorily performed within the past two (2) years. For each engagement listed, include the name and telephone number of a representative for whom the engagement was undertaken who can verify satisfactory performance.

4. Price Proposal

Submit your signed, firm, fixed fee performance-based price proposal for providing all services, materials, etc., required for completion of services in accordance with your technical proposal.

5. Proposal Copies

Submission of one (1) original, five (5) copies and one (1) electronic copy (CD or thumb drive) of the proposal should be submitted to the City of Coral Springs, City Hall, 9551 West Sample Road, Coral Springs, Florida 33065, to the attention of Leonardo Bermudez, Purchasing Agent II.

6. Addenda, Additional Information – Contact with City Staff

Any addenda or answers to written questions supplied by the City to participating Offeror's become part of this Request for Proposal and the resulting contract. This proposal form shall be signed by an authorized company representative, dated and returned with the proposal.

No negotiations, decisions or actions shall be initiated or executed by the Offeror as a result of any discussions with any City employee. Only those communications, which are in writing from the Purchasing Administrator, may be considered as a duly authorized expression. Also, only communications from Offerors that are signed and in writing will be recognized by the City as duly authorized expressions on behalf of the Offeror.

IV. EVALUATION OF PROPOSALS

Evaluation Method and Criteria

Proposals will be evaluated in accordance with weighted criteria listed below:

	<u>POINT RANGE</u>
Scope of Services Proposed	40
Firm Qualifications	20
References	10
Price	30

These weighted criteria are provided to assist the proposers in the allocation of their time and efforts during the submission process. The criteria also guides the Evaluation Committee during the short-listing and final ranking of proposers by establishing a general frame work for those deliberations.

Short listed proposals will be selected for an interview prior to a recommendation being presented to the City Commission. As the best interest of the CITY may require, the right is reserved to reject any and all proposals or waive any minor irregularity or technicality in proposals received. Proposers are cautioned to make no assumptions unless their proposal has been evaluated as being responsive.

The successful proposer shall be required to execute a City contract covering the scope of services to be provided and setting fourth the duties, rights and responsibilities of the parties. This contract must be executed by the successful proposer prior to recommendation of award and presentation to the City Commission.

V. SCHEDULE OF EVENTS

The schedule of events, relative to the procurement shall be as follows:

<u>Event</u>	<u>Date (on or by)</u>
1. Issuance of Request for Proposals	3/5/13
2. Opening of Proposals	3/27/13
3. Proposal Evaluations	Week of 4/8/13
4. Contract Negotiations	Week of 4/15/13
5. Award of Contract	5/8/13

CITY reserves the right to delay scheduled dates.

VI. SUMMARY OF DOCUMENTS TO BE SUBMITTED WITH PROPOSALS

1. Samples of the following documents (except the Certificate of Insurance), are attached and shall be executed as a condition to this offer:
 - (a) Proposal and Offeror's Certification
 - (b) Certified Resolution
 - (c) Qualifications Statement
 - (d) Non-Collusive Affidavit
 - (e) Offeror's Foreign (Non-Florida) Corporate Statement
 - (f) References
 - (g) Certificate(s) of Insurance

VII. AWARD OF CONTRACT

The contract or contracts shall be awarded to the responsible Offeror(s) whose Proposal(s) is/are determined to be the most advantageous to CITY, taking into consideration the evaluation factors and criteria set forth in the Request for Proposals.

Be advised that the CITY is prepared to award individual contracts for each service or multiple services or any other combination of services as CITY deems in its best interests.

VIII. INSURANCE

PLEASE HAVE YOUR INSURANCE REPRESENTATIVE CAREFULLY REVIEW ANY INSURANCE COVERAGES AND CONDITIONS PRIOR TO SUBMITTING YOUR PROPOSAL TO ENSURE COMPLIANCE WITH THE INSURANCE REQUIREMENTS OF THE INSTRUCTIONS TO OFFERORS.

RFP NO. 13-B-097
DISASTER DEBRIS MONITORING SERVICE

INSTRUCTIONS TO OFFERORS
STANDARD TERMS AND CONDITIONS

1. DEFINED TERMS

- 1.1 Terms used in these Instructions to Offerors are defined and have the meaning assigned to them. The term "Offeror" means one who submits a Proposal directly to CITY as distinct from a Sub-Offeror, who submits a Proposal to the Offeror. The term "Successful Offeror" means the qualified, responsible and responsive Offeror to whom CITY (on the basis of CITY'S evaluation as hereinafter provided) makes an award. The term "CITY" refers to the City of Coral Springs, a municipal corporation of the State of Florida. The term "Proposal Documents" includes the Request for Proposals, Instructions to Offerors, Proposal, Qualifications Statement, Non-Collusive Affidavit, Corporate Resolution or Letter of Transmittal, Proposal Security and Specifications, if any, and the proposed Contract Documents, if any, (including all Addenda issued prior to receipt of Proposals). The term "CONTRACTOR" shall mean the individual(s) or firm(s) to whom the award is made and who executes the Contract Documents.

2. SPECIAL CONDITIONS

- 2.1 Any and all Special Conditions that may vary from the General Conditions shall have precedence.

3. EXAMINATION OF CONTRACT DOCUMENTS AND SITE

- 3.1 Before submitting a Proposal, each Offeror must (a) consider federal, state and local laws, ordinances, rules and regulations that may in any manner affect cost, or performance of the work, (b) study and carefully correlate the Offeror's observations with the Proposal Documents; and (c) notify the Purchasing Administrator of all conflicts, errors and discrepancies, if any, in the Proposal Documents.
- 3.2 The Offeror, by and through the submission of a Proposal, agrees that he shall be held responsible for having familiarized himself with the nature and extent of the work and any local conditions that may affect the work to be done and the equipment, materials, parts and labor required.

4. SPECIFICATIONS

- 4.1 The apparent silence of the Specifications as to any detail, or the apparent omission from it of a detailed description concerning any point, shall be regarded as meaning

that only the best commercial practice is to prevail and that only material and workmanship of the finest quality are to be used. All interpretations of the Specifications shall be made on the basis of this statement.

- 4.2 For the purpose of evaluation, the Offeror must indicate any variance or exceptions to the stated Specifications, no matter how slight. Deviations should be explained in detail. Absence of variations and/or corrections will be interpreted to mean that the Offeror meets all the Specifications in every respect.

5. INTERPRETATIONS AND ADDENDA

- 5.1 If the Offeror should be in doubt as to the meaning of any of the Proposal Documents, is of the opinion that the Conditions and Specifications contain errors or contradictions or reflect omissions, or has any question concerning the conditions and specifications, he shall submit a written request directed to the Purchasing Administrator for interpretation or clarification. Such request must reference the date of Proposal opening and Proposal number and should be received by the Purchasing Administrator at least seven (7) calendar days before the date of the formal opening of the Proposals. Questions received less than seven (7) calendar days prior to the Proposal opening shall not be answered. Interpretations or clarifications in response to such questions will be issued in the form of written addenda and shall be mailed to all parties recorded by CITY'S Purchasing Administrator as having received the Proposal Documents. The issuance of a written addendum shall be the only official method whereby such an interpretation or clarification will be made.

6. PRICES PROPOSED

- 6.1 Prices shall be shown for all job descriptions (example: Field Inspector, clerical). Include any other additional costs such as: operating expenses, per diem expenses, etc., if applicable.

7. NON-COLLUSIVE AFFIDAVIT

- 7.1 Each Offeror shall complete the Non-Collusive Affidavit Form and shall submit the form with the Proposal. CITY considers the failure of the Offeror to submit this document to be a major irregularity and may be cause for rejection of the Proposal.

8. PUBLIC ENTITY CRIMES INFORMATION STATEMENT

- 8.1 A person or affiliate who has been placed on the convicted vendor list following a conviction for public entity crime may not submit a proposal on a contract to provide any goods or services to a public entity, may not submit a proposal on a contract with a public entity for the construction or repair of a public building or public work, may not submit proposals on leases of real property to public entity, may not be awarded

or perform work as a contractor, supplier, subcontractor or consultant under a contract with any public entity, and may not transact business with any public entity in excess of the threshold amount provided in Section 287.017, for CATEGORY TWO for a period of 36 months from the date of being placed on the convicted vendor list.

9. CONFLICT OF INTEREST

9.1 The award of any contract hereunder is subject to the provisions of Chapter 112, Florida Statutes. Offerors must disclose with their Proposal the name of any officer, director, partner, proprietor, associate or agent who is also an officer or employee of CITY or any of its agencies. Further, all Offerors must disclose the name of any officer or employee of CITY who owns, directly or indirectly, an interest of five percent (5%) or more in the Offeror's firm or any of its branches or affiliate companies.

10. SUMMARY OF DOCUMENTS TO BE SUBMITTED WITH PROPOSALS

10.1 The following is a summary of documents, which are to be submitted by the Offerors:

- (a) Proposal and Offeror's Certification
- (b) Certified Resolution
- (c) Qualifications Statement
- (d) Non-Collusive Affidavit
- (e) Offeror's Foreign (Non-Florida) Corporate Statement
- (f) References
- (g) Certificate(s) of Insurance

11. SUBMISSION OF PROPOSALS

- 11.1 Proposals must be typed or printed in ink. Use of erasable ink is not permitted. All corrections to prices made by the Offeror must be initialed.
- 11.2 Proposals must contain a manual signature of the authorized representative of the Offeror. Proposals shall contain an acknowledgment of receipt of all Addenda. The address and telephone number for communications regarding the Proposal must be shown.
- 11.3 Proposals by corporations must be executed in the corporate name by the President or other corporate officer accompanied by evidence of authority to sign. The corporate address and state of incorporation must be shown below the signature.

- 11.4 Proposals by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.
- 11.5 Proposals shall be submitted at or before the time and at the place indicated in the Request for Proposals and shall be submitted in a sealed envelope (faxed proposals will not be accepted under any circumstances). The envelope shall be clearly marked on the exterior "PROPOSAL FOR DISASTER DEBRIS MONITORING THE CITY OF CORAL SPRINGS, FLORIDA," and shall state the name and address of the Offeror and shall be accompanied by any other required documents. No responsibility will attach to the Purchasing Office for the premature opening of a Proposal not properly addressed and identified.
- 11.6 In accordance with Chapter 119 of the Florida Statutes (Public Records Law), and except as may be provided by other applicable state and federal law, the Request for Proposal and the responses thereto are in the public domain. However, the Offerors are requested to identify specifically any information contained in their Proposals which they consider confidential and/or proprietary and which they believe to be exempt from disclosure, citing specifically the applicable exempting law.
- 11.7 All Proposals received from Offerors in response to the Request for Proposal will become the property of CITY and will not be returned to the Offerors. In the event of Contract award, all documentation produced as part of the Contract shall become the exclusive property of CITY.

12. MODIFICATION AND WITHDRAWAL OF PROPOSALS

- 12.1 Proposals may be modified or withdrawn by an appropriate document duly executed (in the manner that a Proposal must be executed) and delivered to the place where Proposals are to be submitted at any time prior to the deadline for submitting Proposals. A request for withdrawal or a modification must be in writing and signed by a person duly authorized to do so. Evidence of such authority must accompany the request for withdrawal or modification. Withdrawal of a Proposal will not prejudice the rights of an Offeror to submit a new Proposal prior to the Proposal opening date and time. After expiration of the period for receiving Proposals, no Proposal may be withdrawn or modified.
- 12.2 If, within twenty-four (24) hours after Proposals are opened, any Offeror files a duly signed, written notice with CITY and within five (5) calendar days thereafter demonstrates to the reasonable satisfaction of CITY by clear and convincing evidence there was a material and substantial mistake in the preparation of its Proposal, or that the mistake is clearly evident on the face of the Proposal but the intended correct Proposal is not similarly evident, then Offeror may withdraw its Proposal and the Bid Security will be returned. Thereafter, the Offeror will be disqualified from further

bidding on the subject Contract.

13. REJECTION OF PROPOSALS

- 13.1 To the extent permitted by applicable state and federal laws and regulations, CITY reserves the right to reject any and all Proposals, to waive any and all informalities not involving price, time or changes in the work with the Successful Offeror, and the right to disregard all nonconforming, non-responsive, unbalanced or conditional Proposals. Proposal will be considered irregular and may be rejected, if they show serious omissions, alterations in form, additions not called for, conditions or unauthorized alterations, or irregularities of any kind.
- 13.2 CITY reserves the right to reject the Proposal of any Offeror if CITY believes that it would not be in the best interest of the CITY to make an award to that Offeror, whether because the Proposal is not responsive or the Offeror is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by CITY.

14. AWARD OF CONTRACT

- 14.1 The Contract should be awarded by CITY's Commission to the most responsible and responsive Offeror(s) for the Proposal(s) whose evaluation by CITY indicates to CITY that the award will be in the best interests of the CITY and not necessarily to the lowest Offeror.
- 14.2 The Offeror to whom award is made shall execute a written contract prior to Notice of Award. If the Offeror to whom the first award is made fails to enter into a contract as herein provided, the award may be annulled and the contract left to another Offeror who is responsible and responsive in the opinion of CITY. Such Offeror shall fulfill every stipulation embraced herein as if he were the original party to whom the award was made.

SPECIAL CONDITIONS TO INSTRUCTIONS TO OFFERORS

15. QUALIFICATIONS OF OFFERORS

- 15.1 Each Offeror should complete the Qualifications Statement and submit the same with his Proposal. Failure to submit the Qualifications Statement and the documents required thereunder with the Proposal may constitute grounds for rejection of the Proposal.
- 15.2 As a part of the Proposal evaluation process, CITY may conduct a background investigation, including a record check by the Coral Springs Police Department of Offeror. Offeror's submission of a Proposal constitutes acknowledgment of the

process and consent to such investigation.

- 15.3 No proposal shall be accepted from, nor will any contract be awarded to, any person, who is in arrears to CITY, upon any debt or contract, or who is a defaulter, as surety or otherwise, upon any obligation to CITY, or who is deemed irresponsible for unreliable by CITY.
- 15.3 CITY reserves the right to make a pre-award inspection of the Offeror's facilities and equipment prior to award of Contract.

16. ENVIRONMENTAL REGULATIONS

- 16.1 CITY reserves the right to consider Offeror's history of citations and/or violations of environmental regulations in determining an Offeror's responsibility, and further reserves the right to declare an Offeror not responsible if the history of violations warrant such determination. Offeror shall submit with the Proposal, a complete history of all citations and/or violations, notices and dispositions thereof. The non-submission of any such documentation shall be deemed to be an affirmation by the Offeror that there are no citations or violations. Offeror shall notify CITY immediately of notice of any citation or violation, which Offeror may receive after the Proposal opening date and during the time of performance of any contract awarded to Offerors.

17. INSURANCE

- 17.1 Offeror shall submit a certificate(s) of insurance evidencing the required insurance together with the Proposal. Failure to do so may cause rejection of the Proposal.
- 17.2 Prior to Award and in any event prior to commencing work, the Successful Offeror shall provide CITY with certified copies of all insurance policies providing coverage as required by these Special Conditions.
- 17.3 The Successful Offeror shall secure and maintain, at its own expense, and keep in effect during the full period of the contract a policy or policies of insurance, which must include the following coverages and minimum limits of liability:
 - (a) Worker's Compensation and Employer's Liability Insurance for all employees of the Successful Offeror engaged in work under the Contract in accordance with the laws of the State of Florida. The Successful Offeror shall agree to be responsible for the employment, control and conduct of its employees and for any injury sustained by such employees in the course of their employment.
 - (b) Comprehensive General Liability Insurance with the following minimum limits of liability:

\$ 1,000,000 Combined Single Limit,
Bodily Injury and Property
Damage Liability per occurrence

Coverage shall specifically include the following minimum limits not less than those required for Bodily Injury Liability and Property Damage:

\$ 1,000,000 Combined Single Limit,
Bodily Injury and Property
Damage Liability per occurrence

- (1) Premises and Operations;
- (2) Independent Contractors;
- (3) Products and Completed Operations;
- (4) Broad Form Property Damage;
- (5) Broad Form Contractual Coverage applicable to the Contract and specifically confirming the indemnification and hold harmless agreement in the Contract;
- (6) Personal Injury Coverage with employment and contractual exclusions removed and deleted.

- (c) Comprehensive Automobile Liability Insurance for all owned, non-owned and hired automobiles and other vehicles used by Successful Offeror in the performance of the work with the following minimum limits of liability:

\$ 1,000,000 Combined Single Limit,
Bodily Injury and Property
Damage Liability per occurrence

17.4 ALL LIABILITY INSURANCE POLICIES SHALL SPECIFICALLY PROVIDE THAT THE CITY OF CORAL SPRINGS IS AN ADDITIONAL NAMED INSURED OR ADDITIONAL INSURED WITH RESPECT TO THE REQUIRED COVERAGES AND THE OPERATIONS OF THE CONTRACTOR UNDER THE CONTRACT. INSURANCE Companies selected must be acceptable to CITY. All of the policies of insurance so required to be purchased and maintained shall contain a provision or endorsement that the coverage afforded shall not be canceled, materially changed or renewal refused until at least thirty (30) calendar days written notice has been given to CITY by certified mail.

17.5 The required insurance coverage shall be issued by an insurance company duly authorized and licensed to do business in the State of Florida with the following minimum qualifications in accordance with the latest edition of A.M. Best's Insurance Guide:

Financial Stability B+ to A+

- 17.6 All required insurance policies shall preclude any underwriter's rights of recovery or subrogation against CITY with the express intention of the parties being that the required insurance coverages protect both parties as the primary coverages for any and all losses covered by the above described insurance.
- 17.7 The Successful Offeror shall ensure that any company issuing insurance to cover the requirements contained in this Contract agrees that they shall have no recourse against CITY for payment or assessments in any form on any policy of insurance.
- 17.8 The clauses "Other Insurance Provisions" and "Insured Duties in the Event of an Occurrence, Claim or Suit" as it appears in any policy of insurance in which CITY is named as an additional named insured shall not apply to CITY. CITY shall provide written notice of occurrence within fifteen (15) working days of CITY'S actual notice of such an event.
- 17.8 The Successful Offeror shall not commence work under the Contract until after he has obtained all of the minimum insurance herein described.
- 17.9 The Successful Offeror agrees to perform the work under the Contract as an independent contractor, and not as a subcontractor, agent or employee of CITY.
- 17.10 Violation of the terms of this paragraph and its sub-parts shall constitute a breach of the Contract and CITY, at its sole discretion, may cancel the Contract and all rights, title and interest of the Successful Offeror shall thereupon cease and terminate.
18. INDEMNIFICATION
- 18.1 GENERAL INDEMNIFICATION: To the fullest extent permitted by laws and regulations, Successful Offeror shall indemnify, defend, save and hold harmless the CITY, its officers, agents and employees, harmless from any and all claims, damages, losses, liabilities and expenses, direct, indirect or consequential arising out of or in consequential arising out of or alleged to have arisen out of or in consequence of the products, goods or services furnished by or operations of the Successful Offeror or his subcontractors, agents, officers, employees or independent contractors pursuant to or in the performance of the Contract.
- 18.2 The Successful Offeror shall pay all claims, losses, liens, settlements or judgments of any nature whatsoever in connection with the foregoing indemnifications including, but not limited to, reasonable attorney's fees (including appellate attorney's fees) and costs.

- 18.3 CITY reserves the right to select its own legal counsel to conduct any defense in any such proceeding and all costs and fees associated therewith shall be the responsibility of Successful Offeror under the indemnification agreement. Nothing contained herein is intended nor shall it be construed to waive CITY's rights and immunities under the common law or Florida Statute 768.28 as amended from time to time.

19. CONTRACT TIME

- 19.1 The work to be performed under the Contract shall be commenced on issuance of Notice to Proceed.
- 19.2 By virtue of the submission of his Proposal, Offeror agrees and fully understands that the completion time of the work of the Contract is an essential and material condition of the Contract and that time is of the essence. The Successful Offeror agrees that all work shall be prosecuted regularly, diligently and uninterrupted at such rate of progress as will ensure full completion thereof within the time specified. Failure to complete the work within the time period specified shall be considered a default.

20. WARRANTIES

- 20.1 Successful Offeror warrants to CITY that it is not insolvent, it is not in bankruptcy proceedings or receivership, nor is it engaged in or threatened with any litigation, arbitration or other legal or administrative proceedings or investigations of any kind which would have an adverse effect on its ability to perform its obligations under the Contract.
- 20.2 Successful Offeror warrants to CITY that it will comply with all applicable federal, state and local laws, regulations and orders in carrying out its obligations under the Contract.
- 20.3 All warranties made by Successful Offeror together with service warranties and guaranties shall run to CITY and the successors and assigns of CITY.

21. NONDISCRIMINATION AND EQUAL OPPORTUNITY EMPLOYMENT

- 21.1 During the performance of the Contract, the Successful Offeror shall not discriminate against any employee or applicant for employment because of race, religion, color, sex or national origin. The Successful Offeror will take affirmative action to ensure that employees are treated during employment, without regard to their race, creed, color, or national origin. Such action must include, but not be limited to, the following: employment, upgrading; demotion or transfer; recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Successful Offeror(s) shall agree to post in conspicuous places, available to employees and applicants for employment,

notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.

22. PERMITS, FEES AND NOTICES

22.1 Successful Offeror shall secure all permits and fees, licenses and charges necessary for the proper execution and completion of the work. The costs of all permits, fees, licenses and charges shall be included in the price Proposal except where expressly noted in the specifications requirement.

23. TERMINATION FOR CAUSE AND DEFAULT

23.1 In the event Successful Offeror shall default in any of the terms, obligations, restrictions or conditions in any of the Proposal documents, CITY shall give written notice by certified mail, return receipt requested to Successful Offeror of the default and that such default shall be corrected or actions taken to correct such default shall be commenced within three (3) calendar days thereof. In the event Successful Offeror has failed to correct the conditions of default or the default is not remedied to the satisfaction and approval of CITY, CITY shall have all legal remedies available to it, including, but not limited to termination of the Contract in which case Successful Offeror shall be liable for all procurement and reprourement costs and any and all damages permitted by law arising from the default and breach of the Contract.

24. TERMINATION FOR CONVENIENCE OF CITY

24.1 Upon seven (7) calendar days written notice delivered by certified mail, return receipt requested, to Successful Offeror, CITY may without cause and without prejudice to any other right or remedy, terminate the agreement for CITY's convenience whenever CITY determines that such termination is in the best interests of CITY. Where the agreement is terminated for the convenience of CITY, the notice of termination to Successful Offeror must state that the Contract is being terminated for the convenience of CITY under the termination clause and the extent of termination. Upon receipt of the notice of termination for convenience, Successful Offeror shall promptly discontinue all work at the time and to the extent indicated on the notice of termination, terminate all outstanding subcontractors and purchase orders to the extent that they relate to the terminated portion of the Contract and refrain from placing further orders and subcontracts except as they may be necessary, and complete any continued portions of the work.

25. AUDIT RIGHTS

25.1 CITY reserves the right to audit the records of Successful Offeror at any time during the performance and term of the Contract and for a period of three (3) years after completion and acceptance by CITY. If required by CITY, Successful Offeror shall

agree to submit to an audit by an independent certified public account selected by CITY. Successful Offeror shall allow CITY to inspect, examine and review the records of Successful Offeror at any and all times during normal business hours during the term of the Contract.

26. DELAYS AND EXTENSIONS OF TIME

26.1 The Contract time may only be changed by a change order or a written amendment. Any claim for an extension or shortening of Contract time shall be based upon written notice delivered by the party making the claim to the other party not more than three (3) calendar days after the occurrence of the event giving rise to the claim and stating the general nature of the claim otherwise it shall be waived.

26.2 No claim for damages or any claim other than an extension of time shall be made or asserted against CITY by reason of any delays.

27. ASSIGNMENT

27.1 Successful Offeror shall not assign, transfer or subject the Contract or its rights, title or interests or obligations therein without CITY'S prior written approval.

27.2 Violation of the terms of this paragraph shall constitute a breach of the Contract by Successful Offeror and CITY may, at its discretion, cancel the Contract and all rights, title and interest of Successful Offeror shall thereupon cease and terminate.

28. GOVERNING LAWS: This RFP/Agreement shall be governed by and construed in accordance with the laws of the State of Florida without regard to principles of conflicts of laws thereof.

29. VENUE: Any litigation arising out of this RFP/Agreement shall be brought in the Seventeenth Judicial Circuit for Broward County, Florida.

30. ADDITIONAL REQUIREMENTS: Per the Department of Transportation the Federal Highway Administration (FHWA) form 1273 (Revised May, 2012) will be incorporated into any construction contract that involves Federal-Aid (Title 23) funds. Requirements under these provisions will also apply to any subcontractor hired by the prime contractor. FHWA-1273 will be integrated into any contract awarded by the City as an attachment.

13-B-097RFP
Exhibit A
Scope of Services

PRE-EVENT

1. Consultant will meet with City Staff and its debris hauler in a pre-hurricane annual meeting on or before May 1st of each calendar year to exchange information and review applicable policies and procedures regarding preparedness activities.
2. Consultant will prepare a staffing table forecasting the number of monitors potentially needed based on category one through five storm events with a projected amount of debris.
3. Consultant must have the capability to perform automated debris and reporting monitoring and must prepare and issue debris reports to the City every 24 hours.
4. Consultant will work with the City's Information Services Department to refine the interfacing of data from its automated System.
5. Consultant's staff shall attend hurricane preparedness meetings as follows: One meeting when the CITY is within the five-day forecasting cone, one meeting per day to provide preparation status while the CITY is within the three-day forecasting cone. Attendance at these hurricane preparedness meetings may be through telephone conference calls with the CITY's Contract Administrator or his designee. The parties acknowledge and agree that additional meetings may need to be scheduled, if warranted.
6. Consultant will continue communication and coordination with FEMA to obtain confirmation that Automated Debris Management System is a recognized method of data collection for Hurricane debris monitoring and approved by FEMA prior to utilization by Consultant for debris monitoring required for the City.
7. Develop a standard data and file format reports in conjunction with the Information Services and Financial Services Department.
8. Consultant shall assign a Project Manager to the City's Emergency Operations Center. The Project Manager shall be available and assigned to the City's Emergency Operations Center within four (4) hours of being notified by City that the Emergency Operations Center is open for designated event.
9. Assessing of a Temporary Disposal and Reduction Site to be compliant with State Regulatory Requirements.
10. Consultant shall conduct a Training Workshop to include, but not limited, to the following:

Consultant will prepare and conduct one training exercise for the City of Coral Springs (City) staff utilizing the Automated System for debris management. During the workshop, staff will participate in a debris monitoring tabletop exercise as well as a field demonstration of the System. The training workshop will last for one (1) day and will be presented by two instructors from the Consultant's Debris Management Team.

Task 1: Debris Monitoring Tabletop Exercise

The tabletop exercise will serve as an introduction to Consultant's Debris Management Team, as well as an introduction to the Automated Debris Management System. During the tabletop exercise, Consultant's staff will provide an overview of the Automated Debris Management System, including how the System is more effective than traditional, paper based methods of debris management, and what City staff can expect during post-event debris management operations. During the tabletop exercise, the Consultant's Debris Management Team will provide a step-by-step explanation that will demonstrate to City staff how the System works and how it can enhance and streamline the City's debris management operations and reporting capabilities. The exercise will be interactive and City staff will be given the opportunity to ask questions regarding debris management operations and the System. This portion of the workshop will last for approximately two (2) hours.

Task 2: Debris Monitoring Field Demonstration

Once the tabletop exercise has been completed, the Consultant's Debris Management Team will give City staff a hands-on field demonstration of the Automated Debris Management System. During this portion of the workshop, City staff will participate in a demonstration deployment of the System and observe how debris data is collected. First, the Consultant will demonstrate to the City how employees and equipment are registered for use in the system. Then, the Consultant will demonstrate data collection of ROW, ROE and line-item debris types using mobile field equipment. Finally, the collected data will upload onto the Automated Debris Management System Event Manager website and to view near real-time event statistics. The City will have the opportunity to interact with the collected data in a GIS mapping interface and will be able to run various system defined reports. This portion of the workshop will last for approximately four (4) hours and will take place both in the field and at the City's offices.

POST EVENT

11. In the event of a storm event, Consultant shall mobilize four (4) truck certification specialist, four (4) monitors, and two (2) Temporary Disposal and Reduction Site (TDRS) monitors within 24 hours of the ALL CLEAR being issued by the Emergency Operations Center.

12. Consultant shall provide debris estimates and an appropriate monitoring staffing plan to the Public Works Director for approval within 24 hours of the ALL CLEAR being issued by the Police Department.
13. Consultant shall provide the required dedicated staffing to include administrative and data entry capability for the City, and decentralized from any other operational responsibilities.
14. Consultant shall provide a fully dedicated truck certification team as needed during the recovery period.
15. Consultant shall establish and man a command center within three days of the ALL CLEAR being issued by the Police Department.
16. Consultant shall provide a daily inventory of equipment and crews being deployed each day.
17. Consultant shall provide a preliminary production report by 6:30 a.m. of the following workday when the Automated Debris Management System is in use. Manual reports shall be submitted by noon of the following day.
18. Consultant shall submit a weekly summary report by noon Monday for the previous week to include daily and weekly production information for each designated hauler for which the City has contracted for service. The report shall include type of debris, number of loads, number of crews and trucks, projected debris collected and remaining, completion schedules, cost information on debris collected, projected cost to complete, call center and complaint data, and other problems or strategic issues.
19. Consultant shall review all hauler invoices and make recommendations to the Director of Public Works related to payment of hauler invoices. Consultant shall review hauler invoices and make said recommendation(s) within one week of receipt of the invoices from the designated hauler(s).
20. Establish a Command Center.

Consultant will establish a temporary command center within 24 hours of the storm passing. Consultant will then establish a permanent, fully operational, command center within 3 days of the storm passing and will maintain it for the duration of the recovery effort. The command center will be provided at no additional cost to the City.

20. Consultant shall provide a Call Center to answer customer inquiries and complaints regarding debris removal services. The call center will be provided at its command center to field calls from the City's residents regarding debris recovery efforts. Call center staffing will be provided in accordance with Consultant's established rate schedule and will be located at the Consultant's command center.

Additional Items:

1. Consultant shall have experience in the writing and review of FEMA Project Worksheets (PW), and Federal Highway Administration (FHWA) Detailed Damage Inspection Reports (DDIR).
2. Consultant shall demonstrate knowledge and experience in all facets of Federal regulations regarding debris removal and reimbursement process.
3. Consultant shall have experience in the writing of appeals for requests for reimbursements submitted to FEMA and as a result of Office of Inspector General (OIG) audits.
4. Consultant shall offer a quality control review during post storm activities to ensure files are detailed and organized to sustain an audit by the appropriate Federal Agency.
5. Consultant shall be able to provide a review of the City's debris removal contract to ensure it includes all current Federal guidelines to ensure compliance and opportunity for reimbursement

Federal Highway Administration Emergency Relief Program

The City may seek reimbursement involving the Federal Highway Administration (FHWA) Emergency Relief Program funds. The Contractor should be familiar with these guidelines and prepare crews to meet the requirements that include but are not limited to:

- (1) Compliance with Davis-Bacon Wage Rates, including the wage rate tables, available at www.dot.state.fl.us/construction/wage.shtm
- (2) Compliance with all requirements of the Americans with Disabilities Act of 1990 (ADA), the regulations of the Federal government issued thereunder, and assurance by the Local Government pursuant thereto;
- (3) Required contract provisions for Federal-Aid Construction Contracts (FHWA-1273)
- (4) Compliance with CFR Part 26, Disadvantages Business Enterprise Program including the requirement to report monthly on the Equal Opportunity Reporting System on the website found at www.dot.state.fl.us/equalopportunityoffice/ and

The Consultant shall describe intended compliance with FHWA 1273 as it applies to Equal Employment Officer (EEO), records and reports, subletting or assignment of Contract, and other particulars found in the law. The requirements of FHWA 1273 will be incorporated as part of an Agreement between the City and the Consultant.

REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS

- I. General
- II. Nondiscrimination
- III. Nonsegregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Compliance with Governmentwide Suspension and Debarment Requirements
- XI. Certification Regarding Use of Contract Funds for Lobbying

ATTACHMENTS

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

I. GENERAL

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under Title 23 (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The prime contractor shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Form FHWA-1273 must be included in all Federal-aid design-build contracts, in all subcontracts and in lower tier subcontracts (excluding subcontracts for design services, purchase orders, rental agreements and other agreements for supplies or services). The design-builder shall be responsible for compliance by any subcontractor, lower-tier subcontractor or service provider.

Contracting agencies may reference Form FHWA-1273 in bid proposal or request for proposal documents, however, the Form FHWA-1273 must be physically incorporated (not referenced) in all contracts, subcontracts and lower-tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services related to a construction contract).

2. Subject to the applicability criteria noted in the following sections, these contract provisions shall apply to all work performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract.

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors.

II. NONDISCRIMINATION

The provisions of this section related to 23 CFR Part 230 are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR 60, 29 CFR 1625-1627, Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The contractor and all subcontractors must comply with: the requirements of the Equal Opportunity Clause in 41 CFR 60-1.4(b) and, for all construction contracts exceeding \$10,000, the Standard Federal Equal Employment Opportunity Construction Contract Specifications in 41 CFR 60-4.3.

Note: The U.S. Department of Labor has exclusive authority to determine compliance with Executive Order 11246 and the policies of the Secretary of Labor including 41 CFR 60, and 29 CFR 1625-1627. The contracting agency and the FHWA have the authority and the responsibility to ensure compliance with Title 23 USC Section 140, the Rehabilitation Act of 1973, as amended (29 USC 794), and Title VI of the Civil Rights Act of 1964, as amended, and related regulations including 49 CFR Parts 21, 26 and 27; and 23 CFR Parts 200, 230, and 633.

The following provision is adopted from 23 CFR 230, Appendix A, with appropriate revisions to conform to the U.S. Department of Labor (US DOL) and FHWA requirements.

1. Equal Employment Opportunity: Equal employment opportunity (EEO) requirements not to discriminate and to take affirmative action to assure equal opportunity as set forth under laws, executive orders, rules, regulations (28 CFR 35, 29 CFR 1630, 29 CFR 1625-1627, 41 CFR 60 and 49 CFR 27) and orders of the Secretary of Labor as modified by the provisions prescribed herein, and imposed pursuant to 23 U.S.C. 140 shall constitute the EEO and specific affirmative action standards for the contractor's project activities under

this contract. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) set forth under 28 CFR 35 and 29 CFR 1630 are incorporated by reference in this contract. In the execution of this contract, the contractor agrees to comply with the following minimum specific requirement activities of EEO:

a. The contractor will work with the contracting agency and the Federal Government to ensure that it has made every good faith effort to provide equal opportunity with respect to all of its terms and conditions of employment and in their review of activities under the contract.

b. The contractor will accept as its operating policy the following statement:

"It is the policy of this Company to assure that applicants are employed, and that employees are treated during employment, without regard to their race, religion, sex, color, national origin, age or disability. Such action shall include: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship, pre-apprenticeship, and/or on-the-job training."

2. EEO Officer: The contractor will designate and make known to the contracting officers an EEO Officer who will have the responsibility for and must be capable of effectively administering and promoting an active EEO program and who must be assigned adequate authority and responsibility to do so.

3. Dissemination of Policy: All members of the contractor's staff who are authorized to hire, supervise, promote, and discharge employees, or who recommend such action, or who are substantially involved in such action, will be made fully cognizant of, and will implement, the contractor's EEO policy and contractual responsibilities to provide EEO in each grade and classification of employment. To ensure that the above agreement will be met, the following actions will be taken as a minimum:

a. Periodic meetings of supervisory and personnel office employees will be conducted before the start of work and then not less often than once every six months, at which time the contractor's EEO policy and its implementation will be reviewed and explained. The meetings will be conducted by the EEO Officer.

b. All new supervisory or personnel office employees will be given a thorough indoctrination by the EEO Officer, covering all major aspects of the contractor's EEO obligations within thirty days following their reporting for duty with the contractor.

c. All personnel who are engaged in direct recruitment for the project will be instructed by the EEO Officer in the contractor's procedures for locating and hiring minorities and women.

d. Notices and posters setting forth the contractor's EEO policy will be placed in areas readily accessible to employees, applicants for employment and potential employees.

e. The contractor's EEO policy and the procedures to implement such policy will be brought to the attention of employees by means of meetings, employee handbooks, or other appropriate means.

4. Recruitment: When advertising for employees, the contractor will include in all advertisements for employees the notation: "An Equal Opportunity Employer." All such advertisements will be placed in publications having a large circulation among minorities and women in the area from which the project work force would normally be derived.

a. The contractor will, unless precluded by a valid bargaining agreement, conduct systematic and direct recruitment through public and private employee referral sources likely to yield qualified minorities and women. To meet this requirement, the contractor will identify sources of potential minority group employees, and establish with such identified sources procedures whereby minority and women applicants may be referred to the contractor for employment consideration.

b. In the event the contractor has a valid bargaining agreement providing for exclusive hiring hall referrals, the contractor is expected to observe the provisions of that agreement to the extent that the system meets the contractor's compliance with EEO contract provisions. Where implementation of such an agreement has the effect of discriminating against minorities or women, or obligates the contractor to do the same, such implementation violates Federal nondiscrimination provisions.

c. The contractor will encourage its present employees to refer minorities and women as applicants for employment. Information and procedures with regard to referring such applicants will be discussed with employees.

5. Personnel Actions: Wages, working conditions, and employee benefits shall be established and administered, and personnel actions of every type, including hiring, upgrading, promotion, transfer, demotion, layoff, and termination, shall be taken without regard to race, color, religion, sex, national origin, age or disability. The following procedures shall be followed:

a. The contractor will conduct periodic inspections of project sites to insure that working conditions and employee facilities do not indicate discriminatory treatment of project site personnel.

b. The contractor will periodically evaluate the spread of wages paid within each classification to determine any evidence of discriminatory wage practices.

c. The contractor will periodically review selected personnel actions in depth to determine whether there is evidence of discrimination. Where evidence is found, the contractor will promptly take corrective action. If the review indicates that the discrimination may extend beyond the actions reviewed, such corrective action shall include all affected persons.

d. The contractor will promptly investigate all complaints of alleged discrimination made to the contractor in connection with its obligations under this contract, will attempt to resolve such complaints, and will take appropriate corrective action within a reasonable time. If the investigation indicates that the discrimination may affect persons other than the complainant, such corrective action shall include such other persons. Upon completion of each investigation, the contractor will inform every complainant of all of their avenues of appeal.

6. Training and Promotion:

a. The contractor will assist in locating, qualifying, and increasing the skills of minorities and women who are

applicants for employment or current employees. Such efforts should be aimed at developing full journey level status employees in the type of trade or job classification involved.

b. Consistent with the contractor's work force requirements and as permissible under Federal and State regulations, the contractor shall make full use of training programs, i.e., apprenticeship, and on-the-job training programs for the geographical area of contract performance. In the event a special provision for training is provided under this contract, this subparagraph will be superseded as indicated in the special provision. The contracting agency may reserve training positions for persons who receive welfare assistance in accordance with 23 U.S.C. 140(a).

c. The contractor will advise employees and applicants for employment of available training programs and entrance requirements for each.

d. The contractor will periodically review the training and promotion potential of employees who are minorities and women and will encourage eligible employees to apply for such training and promotion.

7. Unions: If the contractor relies in whole or in part upon unions as a source of employees, the contractor will use good faith efforts to obtain the cooperation of such unions to increase opportunities for minorities and women. Actions by the contractor, either directly or through a contractor's association acting as agent, will include the procedures set forth below:

a. The contractor will use good faith efforts to develop, in cooperation with the unions, joint training programs aimed toward qualifying more minorities and women for membership in the unions and increasing the skills of minorities and women so that they may qualify for higher paying employment.

b. The contractor will use good faith efforts to incorporate an EEO clause into each union agreement to the end that such union will be contractually bound to refer applicants without regard to their race, color, religion, sex, national origin, age or disability.

c. The contractor is to obtain information as to the referral practices and policies of the labor union except that to the extent such information is within the exclusive possession of the labor union and such labor union refuses to furnish such information to the contractor, the contractor shall so certify to the contracting agency and shall set forth what efforts have been made to obtain such information.

d. In the event the union is unable to provide the contractor with a reasonable flow of referrals within the time limit set forth in the collective bargaining agreement, the contractor will, through independent recruitment efforts, fill the employment vacancies without regard to race, color, religion, sex, national origin, age or disability; making full efforts to obtain qualified and/or qualifiable minorities and women. The failure of a union to provide sufficient referrals (even though it is obligated to provide exclusive referrals under the terms of a collective bargaining agreement) does not relieve the contractor from the requirements of this paragraph. In the event the union referral practice prevents the contractor from meeting the obligations pursuant to Executive Order 11246, as amended, and these special provisions, such contractor shall immediately notify the contracting agency.

8. Reasonable Accommodation for Applicants / Employees with Disabilities: The contractor must be familiar

with the requirements for and comply with the Americans with Disabilities Act and all rules and regulations established there under. Employers must provide reasonable accommodation in all employment activities unless to do so would cause an undue hardship.

9. Selection of Subcontractors, Procurement of Materials and Leasing of Equipment: The contractor shall not discriminate on the grounds of race, color, religion, sex, national origin, age or disability in the selection and retention of subcontractors, including procurement of materials and leases of equipment. The contractor shall take all necessary and reasonable steps to ensure nondiscrimination in the administration of this contract.

a. The contractor shall notify all potential subcontractors and suppliers and lessors of their EEO obligations under this contract.

b. The contractor will use good faith efforts to ensure subcontractor compliance with their EEO obligations.

10. Assurance Required by 49 CFR 26.13(b):

a. The requirements of 49 CFR Part 26 and the State DOT's U.S. DOT-approved DBE program are incorporated by reference.

b. The contractor or subcontractor shall not discriminate on the basis of race, color, national origin, or sex in the performance of this contract. The contractor shall carry out applicable requirements of 49 CFR Part 26 in the award and administration of DOT-assisted contracts. Failure by the contractor to carry out these requirements is a material breach of this contract, which may result in the termination of this contract or such other remedy as the contracting agency deems appropriate.

11. Records and Reports: The contractor shall keep such records as necessary to document compliance with the EEO requirements. Such records shall be retained for a period of three years following the date of the final payment to the contractor for all contract work and shall be available at reasonable times and places for inspection by authorized representatives of the contracting agency and the FHWA.

a. The records kept by the contractor shall document the following:

(1) The number and work hours of minority and non-minority group members and women employed in each work classification on the project;

(2) The progress and efforts being made in cooperation with unions, when applicable, to increase employment opportunities for minorities and women; and

(3) The progress and efforts being made in locating, hiring, training, qualifying, and upgrading minorities and women;

b. The contractors and subcontractors will submit an annual report to the contracting agency each July for the duration of the project, indicating the number of minority, women, and non-minority group employees currently engaged in each work classification required by the contract work. This information is to be reported on Form FHWA-1391. The staffing data should represent the project work force on board in all or any part of the last payroll period preceding the end of July. If on-the-job training is being required by special provision, the contractor

will be required to collect and report training data. The employment data should reflect the work force on board during all or any part of the last payroll period preceding the end of July.

III. NONSEGREGATED FACILITIES

This provision is applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more.

The contractor must ensure that facilities provided for employees are provided in such a manner that segregation on the basis of race, color, religion, sex, or national origin cannot result. The contractor may neither require such segregated use by written or oral policies nor tolerate such use by employee custom. The contractor's obligation extends further to ensure that its employees are not assigned to perform their services at any location, under the contractor's control, where the facilities are segregated. The term "facilities" includes waiting rooms, work areas, restaurants and other eating areas, time clocks, restrooms, washrooms, locker rooms, and other storage or dressing areas, parking lots, drinking fountains, recreation or entertainment areas, transportation, and housing provided for employees. The contractor shall provide separate or single-user restrooms and necessary dressing or sleeping areas to assure privacy between sexes.

IV. DAVIS-BACON AND RELATED ACT PROVISIONS

This section is applicable to all Federal-aid construction projects exceeding \$2,000 and to all related subcontracts and lower-tier subcontracts (regardless of subcontract size). The requirements apply to all projects located within the right-of-way of a roadway that is functionally classified as Federal-aid highway. This excludes roadways functionally classified as local roads or rural minor collectors, which are exempt. Contracting agencies may elect to apply these requirements to other projects.

The following provisions are from the U.S. Department of Labor regulations in 29 CFR 5.5 "Contract provisions and related matters" with minor revisions to conform to the FHWA-1273 format and FHWA program requirements.

1. Minimum wages

a. All laborers and mechanics employed or working upon the site of the work, will be paid unconditionally and not less often than once a week, and without subsequent deduction or rebate on any account (except such payroll deductions as are permitted by regulations issued by the Secretary of Labor under the Copeland Act (29 CFR part 3)), the full amount of wages and bona fide fringe benefits (or cash equivalents thereof) due at time of payment computed at rates not less than those contained in the wage determination of the Secretary of Labor which is attached hereto and made a part hereof, regardless of any contractual relationship which may be alleged to exist between the contractor and such laborers and mechanics.

Contributions made or costs reasonably anticipated for bona fide fringe benefits under section 1(b)(2) of the Davis-Bacon Act on behalf of laborers or mechanics are considered wages paid to such laborers or mechanics, subject to the provisions

of paragraph 1.d. of this section; also, regular contributions made or costs incurred for more than a weekly period (but not less often than quarterly) under plans, funds, or programs which cover the particular weekly period, are deemed to be constructively made or incurred during such weekly period. Such laborers and mechanics shall be paid the appropriate wage rate and fringe benefits on the wage determination for the classification of work actually performed, without regard to skill, except as provided in 29 CFR 5.5(a)(4). Laborers or mechanics performing work in more than one classification may be compensated at the rate specified for each classification for the time actually worked therein: Provided, That the employer's payroll records accurately set forth the time spent in each classification in which work is performed. The wage determination (including any additional classification and wage rates conformed under paragraph 1.b. of this section) and the Davis-Bacon poster (WH-1321) shall be posted at all times by the contractor and its subcontractors at the site of the work in a prominent and accessible place where it can be easily seen by the workers.

b.(1) The contracting officer shall require that any class of laborers or mechanics, including helpers, which is not listed in the wage determination and which is to be employed under the contract shall be classified in conformance with the wage determination. The contracting officer shall approve an additional classification and wage rate and fringe benefits therefore only when the following criteria have been met:

(i) The work to be performed by the classification requested is not performed by a classification in the wage determination; and

(ii) The classification is utilized in the area by the construction industry; and

(iii) The proposed wage rate, including any bona fide fringe benefits, bears a reasonable relationship to the wage rates contained in the wage determination.

(2) If the contractor and the laborers and mechanics to be employed in the classification (if known), or their representatives, and the contracting officer agree on the classification and wage rate (including the amount designated for fringe benefits where appropriate), a report of the action taken shall be sent by the contracting officer to the Administrator of the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, Washington, DC 20210. The Administrator, or an authorized representative, will approve, modify, or disapprove every additional classification action within 30 days of receipt and so advise the contracting officer or will notify the contracting officer within the 30-day period that additional time is necessary.

(3) In the event the contractor, the laborers or mechanics to be employed in the classification or their representatives, and the contracting officer do not agree on the proposed classification and wage rate (including the amount designated for fringe benefits, where appropriate), the contracting officer shall refer the questions, including the views of all interested parties and the recommendation of the contracting officer, to the Wage and Hour Administrator for determination. The Wage and Hour Administrator, or an authorized representative, will issue a determination within 30 days of receipt and so advise the contracting officer or

will notify the contracting officer within the 30-day period that additional time is necessary.

(4) The wage rate (including fringe benefits where appropriate) determined pursuant to paragraphs 1.b.(2) or 1.b.(3) of this section, shall be paid to all workers performing work in the classification under this contract from the first day on which work is performed in the classification.

c. Whenever the minimum wage rate prescribed in the contract for a class of laborers or mechanics includes a fringe benefit which is not expressed as an hourly rate, the contractor shall either pay the benefit as stated in the wage determination or shall pay another bona fide fringe benefit or an hourly cash equivalent thereof.

d. If the contractor does not make payments to a trustee or other third person, the contractor may consider as part of the wages of any laborer or mechanic the amount of any costs reasonably anticipated in providing bona fide fringe benefits under a plan or program, Provided, That the Secretary of Labor has found, upon the written request of the contractor, that the applicable standards of the Davis-Bacon Act have been met. The Secretary of Labor may require the contractor to set aside in a separate account assets for the meeting of obligations under the plan or program.

2. Withholding

The contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor, withhold or cause to be withheld from the contractor under this contract, or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to Davis-Bacon prevailing wage requirements, which is held by the same prime contractor, so much of the accrued payments or advances as may be considered necessary to pay laborers and mechanics, including apprentices, trainees, and helpers, employed by the contractor or any subcontractor the full amount of wages required by the contract. In the event of failure to pay any laborer or mechanic, including any apprentice, trainee, or helper, employed or working on the site of the work, all or part of the wages required by the contract, the contracting agency may, after written notice to the contractor, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds until such violations have ceased.

3. Payrolls and basic records

a. Payrolls and basic records relating thereto shall be maintained by the contractor during the course of the work and preserved for a period of three years thereafter for all laborers and mechanics working at the site of the work. Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in section 1(b)(2)(B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR 5.5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in section 1(b)(2)(B) of the Davis-

Bacon Act, the contractor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and records which show the costs anticipated or the actual cost incurred in providing such benefits. Contractors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of trainee programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

b.(1) The contractor shall submit weekly for each week in which any contract work is performed a copy of all payrolls to the contracting agency. The payrolls submitted shall set out accurately and completely all of the information required to be maintained under 29 CFR 5.5(a)(3)(i), except that full social security numbers and home addresses shall not be included on weekly transmittals. Instead the payrolls shall only need to include an individually identifying number for each employee (e.g., the last four digits of the employee's social security number). The required weekly payroll information may be submitted in any form desired. Optional Form WH-347 is available for this purpose from the Wage and Hour Division Web site at <http://www.dol.gov/esa/whd/forms/wh347instr.htm> or its successor site. The prime contractor is responsible for the submission of copies of payrolls by all subcontractors. Contractors and subcontractors shall maintain the full social security number and current address of each covered worker, and shall provide them upon request to the contracting agency for transmission to the State DOT, the FHWA or the Wage and Hour Division of the Department of Labor for purposes of an investigation or audit of compliance with prevailing wage requirements. It is not a violation of this section for a prime contractor to require a subcontractor to provide addresses and social security numbers to the prime contractor for its own records, without weekly submission to the contracting agency..

(2) Each payroll submitted shall be accompanied by a "Statement of Compliance," signed by the contractor or subcontractor or his or her agent who pays or supervises the payment of the persons employed under the contract and shall certify the following:

(i) That the payroll for the payroll period contains the information required to be provided under §5.5 (a)(3)(ii) of Regulations, 29 CFR part 5, the appropriate information is being maintained under §5.5 (a)(3)(i) of Regulations, 29 CFR part 5, and that such information is correct and complete;

(ii) That each laborer or mechanic (including each helper, apprentice, and trainee) employed on the contract during the payroll period has been paid the full weekly wages earned, without rebate, either directly or indirectly, and that no deductions have been made either directly or indirectly from the full wages earned, other than permissible deductions as set forth in Regulations, 29 CFR part 3;

(iii) That each laborer or mechanic has been paid not less than the applicable wage rates and fringe benefits or cash equivalents for the classification of work performed, as specified in the applicable wage determination incorporated into the contract.

(3) The weekly submission of a properly executed certification set forth on the reverse side of Optional Form WH-347 shall satisfy the requirement for submission of the "Statement of Compliance" required by paragraph 3.b.(2) of this section.

(4) The falsification of any of the above certifications may subject the contractor or subcontractor to civil or criminal prosecution under section 1001 of title 18 and section 231 of title 31 of the United States Code.

c. The contractor or subcontractor shall make the records required under paragraph 3.a. of this section available for inspection, copying, or transcription by authorized representatives of the contracting agency, the State DOT, the FHWA, or the Department of Labor, and shall permit such representatives to interview employees during working hours on the job. If the contractor or subcontractor fails to submit the required records or to make them available, the FHWA may, after written notice to the contractor, the contracting agency or the State DOT, take such action as may be necessary to cause the suspension of any further payment, advance, or guarantee of funds. Furthermore, failure to submit the required records upon request or to make such records available may be grounds for debarment action pursuant to 29 CFR 5.12.

4. Apprentices and trainees

a. Apprentices (programs of the USDOL).

Apprentices will be permitted to work at less than the predetermined rate for the work they performed when they are employed pursuant to and individually registered in a bona fide apprenticeship program registered with the U.S. Department of Labor, Employment and Training Administration, Office of Apprenticeship Training, Employer and Labor Services, or with a State Apprenticeship Agency recognized by the Office, or if a person is employed in his or her first 90 days of probationary employment as an apprentice in such an apprenticeship program, who is not individually registered in the program, but who has been certified by the Office of Apprenticeship Training, Employer and Labor Services or a State Apprenticeship Agency (where appropriate) to be eligible for probationary employment as an apprentice.

The allowable ratio of apprentices to journeymen on the job site in any craft classification shall not be greater than the ratio permitted to the contractor as to the entire work force under the registered program. Any worker listed on a payroll at an apprentice wage rate, who is not registered or otherwise employed as stated above, shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any apprentice performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed. Where a contractor is performing construction on a project in a locality other than that in which its program is registered, the ratios and wage rates (expressed in percentages of the journeyman's hourly rate) specified in the contractor's or subcontractor's registered program shall be observed.

Every apprentice must be paid at not less than the rate specified in the registered program for the apprentice's level of progress, expressed as a percentage of the journeymen hourly

rate specified in the applicable wage determination. Apprentices shall be paid fringe benefits in accordance with the provisions of the apprenticeship program. If the apprenticeship program does not specify fringe benefits, apprentices must be paid the full amount of fringe benefits listed on the wage determination for the applicable classification. If the Administrator determines that a different practice prevails for the applicable apprentice classification, fringes shall be paid in accordance with that determination.

In the event the Office of Apprenticeship Training, Employer and Labor Services, or a State Apprenticeship Agency recognized by the Office, withdraws approval of an apprenticeship program, the contractor will no longer be permitted to utilize apprentices at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

b. Trainees (programs of the USDOL).

Except as provided in 29 CFR 5.16, trainees will not be permitted to work at less than the predetermined rate for the work performed unless they are employed pursuant to and individually registered in a program which has received prior approval, evidenced by formal certification by the U.S. Department of Labor, Employment and Training Administration.

The ratio of trainees to journeymen on the job site shall not be greater than permitted under the plan approved by the Employment and Training Administration.

Every trainee must be paid at not less than the rate specified in the approved program for the trainee's level of progress, expressed as a percentage of the journeyman hourly rate specified in the applicable wage determination. Trainees shall be paid fringe benefits in accordance with the provisions of the trainee program. If the trainee program does not mention fringe benefits, trainees shall be paid the full amount of fringe benefits listed on the wage determination unless the Administrator of the Wage and Hour Division determines that there is an apprenticeship program associated with the corresponding journeyman wage rate on the wage determination which provides for less than full fringe benefits for apprentices. Any employee listed on the payroll at a trainee rate who is not registered and participating in a training plan approved by the Employment and Training Administration shall be paid not less than the applicable wage rate on the wage determination for the classification of work actually performed. In addition, any trainee performing work on the job site in excess of the ratio permitted under the registered program shall be paid not less than the applicable wage rate on the wage determination for the work actually performed.

In the event the Employment and Training Administration withdraws approval of a training program, the contractor will no longer be permitted to utilize trainees at less than the applicable predetermined rate for the work performed until an acceptable program is approved.

c. Equal employment opportunity. The utilization of apprentices, trainees and journeymen under this part shall be in conformity with the equal employment opportunity requirements of Executive Order 11246, as amended, and 29 CFR part 30.

d. Apprentices and Trainees (programs of the U.S. DOT).

Apprentices and trainees working under apprenticeship and skill training programs which have been certified by the Secretary of Transportation as promoting EEO in connection with Federal-aid highway construction programs are not subject to the requirements of paragraph 4 of this Section IV. The straight time hourly wage rates for apprentices and trainees under such programs will be established by the particular programs. The ratio of apprentices and trainees to journeymen shall not be greater than permitted by the terms of the particular program.

5. Compliance with Copeland Act requirements. The contractor shall comply with the requirements of 29 CFR part 3, which are incorporated by reference in this contract.

6. Subcontracts. The contractor or subcontractor shall insert Form FHWA-1273 in any subcontracts and also require the subcontractors to include Form FHWA-1273 in any lower tier subcontracts. The prime contractor shall be responsible for the compliance by any subcontractor or lower tier subcontractor with all the contract clauses in 29 CFR 5.5.

7. Contract termination: debarment. A breach of the contract clauses in 29 CFR 5.5 may be grounds for termination of the contract, and for debarment as a contractor and a subcontractor as provided in 29 CFR 5.12.

8. Compliance with Davis-Bacon and Related Act requirements. All rulings and interpretations of the Davis-Bacon and Related Acts contained in 29 CFR parts 1, 3, and 5 are herein incorporated by reference in this contract.

9. Disputes concerning labor standards. Disputes arising out of the labor standards provisions of this contract shall not be subject to the general disputes clause of this contract. Such disputes shall be resolved in accordance with the procedures of the Department of Labor set forth in 29 CFR parts 5, 6, and 7. Disputes within the meaning of this clause include disputes between the contractor (or any of its subcontractors) and the contracting agency, the U.S. Department of Labor, or the employees or their representatives.

10. Certification of eligibility.

a. By entering into this contract, the contractor certifies that neither it (nor he or she) nor any person or firm who has an interest in the contractor's firm is a person or firm ineligible to be awarded Government contracts by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

b. No part of this contract shall be subcontracted to any person or firm ineligible for award of a Government contract by virtue of section 3(a) of the Davis-Bacon Act or 29 CFR 5.12(a)(1).

c. The penalty for making false statements is prescribed in the U.S. Criminal Code, 18 U.S.C. 1001.

V. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

The following clauses apply to any Federal-aid construction contract in an amount in excess of \$100,000 and subject to the overtime provisions of the Contract Work Hours and Safety Standards Act. These clauses shall be inserted in addition to the clauses required by 29 CFR 5.5(a) or 29 CFR 4.6. As used in this paragraph, the terms laborers and mechanics include watchmen and guards.

1. Overtime requirements. No contractor or subcontractor contracting for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty hours in such workweek.

2. Violation; liability for unpaid wages; liquidated damages. In the event of any violation of the clause set forth in paragraph (1.) of this section, the contractor and any subcontractor responsible therefor shall be liable for the unpaid wages. In addition, such contractor and subcontractor shall be liable to the United States (in the case of work done under contract for the District of Columbia or a territory, to such District or to such territory), for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph (1.) of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty hours without payment of the overtime wages required by the clause set forth in paragraph (1.) of this section.

3. Withholding for unpaid wages and liquidated damages. The FHWA or the contracting agency shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the contractor or subcontractor under any such contract or any other Federal contract with the same prime contractor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime contractor, such sums as may be determined to be necessary to satisfy any liabilities of such contractor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph (2.) of this section.

4. Subcontracts. The contractor or subcontractor shall insert in any subcontracts the clauses set forth in paragraph (1.) through (4.) of this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime contractor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in paragraphs (1.) through (4.) of this section.

VI. SUBLETTING OR ASSIGNING THE CONTRACT

This provision is applicable to all Federal-aid construction contracts on the National Highway System.

1. The contractor shall perform with its own organization contract work amounting to not less than 30 percent (or a greater percentage if specified elsewhere in the contract) of the total original contract price, excluding any specialty items designated by the contracting agency. Specialty items may be performed by subcontract and the amount of any such specialty items performed may be deducted from the total original contract price before computing the amount of work required to be performed by the contractor's own organization (23 CFR 635.116).

a. The term "perform work with its own organization" refers to workers employed or leased by the prime contractor, and equipment owned or rented by the prime contractor, with or without operators. Such term does not include employees or equipment of a subcontractor or lower tier subcontractor, agents of the prime contractor, or any other assignees. The term may include payments for the costs of hiring leased employees from an employee leasing firm meeting all relevant Federal and State regulatory requirements. Leased employees may only be included in this term if the prime contractor meets all of the following conditions:

- (1) the prime contractor maintains control over the supervision of the day-to-day activities of the leased employees;
- (2) the prime contractor remains responsible for the quality of the work of the leased employees;
- (3) the prime contractor retains all power to accept or exclude individual employees from work on the project; and
- (4) the prime contractor remains ultimately responsible for the payment of predetermined minimum wages, the submission of payrolls, statements of compliance and all other Federal regulatory requirements.

b. "Specialty Items" shall be construed to be limited to work that requires highly specialized knowledge, abilities, or equipment not ordinarily available in the type of contracting organizations qualified and expected to bid or propose on the contract as a whole and in general are to be limited to minor components of the overall contract.

2. The contract amount upon which the requirements set forth in paragraph (1) of Section VI is computed includes the cost of material and manufactured products which are to be purchased or produced by the contractor under the contract provisions.

3. The contractor shall furnish (a) a competent superintendent or supervisor who is employed by the firm, has full authority to direct performance of the work in accordance with the contract requirements, and is in charge of all construction operations (regardless of who performs the work) and (b) such other of its own organizational resources (supervision, management, and engineering services) as the contracting officer determines is necessary to assure the performance of the contract.

4. No portion of the contract shall be sublet, assigned or otherwise disposed of except with the written consent of the contracting officer, or authorized representative, and such consent when given shall not be construed to relieve the contractor of any responsibility for the fulfillment of the contract. Written consent will be given only after the contracting agency has assured that each subcontract is

evidenced in writing and that it contains all pertinent provisions and requirements of the prime contract.

5. The 30% self-performance requirement of paragraph (1) is not applicable to design-build contracts; however, contracting agencies may establish their own self-performance requirements.

VII. SAFETY: ACCIDENT PREVENTION

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

1. In the performance of this contract the contractor shall comply with all applicable Federal, State, and local laws governing safety, health, and sanitation (23 CFR 635). The contractor shall provide all safeguards, safety devices and protective equipment and take any other needed actions as it determines, or as the contracting officer may determine, to be reasonably necessary to protect the life and health of employees on the job and the safety of the public and to protect property in connection with the performance of the work covered by the contract.

2. It is a condition of this contract, and shall be made a condition of each subcontract, which the contractor enters into pursuant to this contract, that the contractor and any subcontractor shall not permit any employee, in performance of the contract, to work in surroundings or under conditions which are unsanitary, hazardous or dangerous to his/her health or safety, as determined under construction safety and health standards (29 CFR 1926) promulgated by the Secretary of Labor, in accordance with Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 3704).

3. Pursuant to 29 CFR 1926.3, it is a condition of this contract that the Secretary of Labor or authorized representative thereof, shall have right of entry to any site of contract performance to inspect or investigate the matter of compliance with the construction safety and health standards and to carry out the duties of the Secretary under Section 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C.3704).

VIII. FALSE STATEMENTS CONCERNING HIGHWAY PROJECTS

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

In order to assure high quality and durable construction in conformity with approved plans and specifications and a high degree of reliability on statements and representations made by engineers, contractors, suppliers, and workers on Federal-aid highway projects, it is essential that all persons concerned with the project perform their functions as carefully, thoroughly, and honestly as possible. Willful falsification, distortion, or misrepresentation with respect to any facts related to the project is a violation of Federal law. To prevent any misunderstanding regarding the seriousness of these and similar acts, Form FHWA-1022 shall be posted on each Federal-aid highway project (23 CFR 635) in one or more places where it is readily available to all persons concerned with the project:

18 U.S.C. 1020 reads as follows:

"Whoever, being an officer, agent, or employee of the United States, or of any State or Territory, or whoever, whether a person, association, firm, or corporation, knowingly makes any false statement, false representation, or false report as to the character, quality, quantity, or cost of the material used or to be used, or the quantity or quality of the work performed or to be performed, or the cost thereof in connection with the submission of plans, maps, specifications, contracts, or costs of construction on any highway or related project submitted for approval to the Secretary of Transportation; or

Whoever knowingly makes any false statement, false representation, false report or false claim with respect to the character, quality, quantity, or cost of any work performed or to be performed, or materials furnished or to be furnished, in connection with the construction of any highway or related project approved by the Secretary of Transportation; or

Whoever knowingly makes any false statement or false representation as to material fact in any statement, certificate, or report submitted pursuant to provisions of the Federal-aid Roads Act approved July 1, 1916, (39 Stat. 355), as amended and supplemented;

Shall be fined under this title or imprisoned not more than 5 years or both."

IX. IMPLEMENTATION OF CLEAN AIR ACT AND FEDERAL WATER POLLUTION CONTROL ACT

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts.

By submission of this bid/proposal or the execution of this contract, or subcontract, as appropriate, the bidder, proposer, Federal-aid construction contractor, or subcontractor, as appropriate, will be deemed to have stipulated as follows:

1. That any person who is or will be utilized in the performance of this contract is not prohibited from receiving an award due to a violation of Section 508 of the Clean Water Act or Section 306 of the Clean Air Act.
2. That the contractor agrees to include or cause to be included the requirements of paragraph (1) of this Section X in every subcontract, and further agrees to take such action as the contracting agency may direct as a means of enforcing such requirements.

X. CERTIFICATION REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY EXCLUSION

This provision is applicable to all Federal-aid construction contracts, design-build contracts, subcontracts, lower-tier subcontracts, purchase orders, lease agreements, consultant contracts or any other covered transaction requiring FHWA approval or that is estimated to cost \$25,000 or more – as defined in 2 CFR Parts 180 and 1200.

1. Instructions for Certification – First Tier Participants:

- a. By signing and submitting this proposal, the prospective first tier participant is providing the certification set out below.
- b. The inability of a person to provide the certification set out below will not necessarily result in denial of participation in this

covered transaction. The prospective first tier participant shall submit an explanation of why it cannot provide the certification set out below. The certification or explanation will be considered in connection with the department or agency's determination whether to enter into this transaction. However, failure of the prospective first tier participant to furnish a certification or an explanation shall disqualify such a person from participation in this transaction.

c. The certification in this clause is a material representation of fact upon which reliance was placed when the contracting agency determined to enter into this transaction. If it is later determined that the prospective participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the contracting agency may terminate this transaction for cause of default.

d. The prospective first tier participant shall provide immediate written notice to the contracting agency to whom this proposal is submitted if any time the prospective first tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

e. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contractor). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

f. The prospective first tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency entering into this transaction.

g. The prospective first tier participant further agrees by submitting this proposal that it will include the clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transactions," provided by the department or contracting agency, entering into this covered transaction, without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

h. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

i. Nothing contained in the foregoing shall be construed to require the establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of the prospective participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

j. Except for transactions authorized under paragraph (f) of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency may terminate this transaction for cause or default.

2. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion – First Tier Participants:

a. The prospective first tier participant certifies to the best of its knowledge and belief, that it and its principals:

(1) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency;

(2) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

(3) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (a)(2) of this certification; and

(4) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

b. Where the prospective participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

2. Instructions for Certification - Lower Tier Participants:

(Applicable to all subcontracts, purchase orders and other lower tier transactions requiring prior FHWA approval or estimated to cost \$25,000 or more - 2 CFR Parts 180 and 1200)

a. By signing and submitting this proposal, the prospective lower tier is providing the certification set out below.

b. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department, or agency with which

this transaction originated may pursue available remedies, including suspension and/or debarment.

c. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous by reason of changed circumstances.

d. The terms "covered transaction," "debarred," "suspended," "ineligible," "participant," "person," "principal," and "voluntarily excluded," as used in this clause, are defined in 2 CFR Parts 180 and 1200. You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations. "First Tier Covered Transactions" refers to any covered transaction between a grantee or subgrantee of Federal funds and a participant (such as the prime or general contract). "Lower Tier Covered Transactions" refers to any covered transaction under a First Tier Covered Transaction (such as subcontracts). "First Tier Participant" refers to the participant who has entered into a covered transaction with a grantee or subgrantee of Federal funds (such as the prime or general contractor). "Lower Tier Participant" refers any participant who has entered into a covered transaction with a First Tier Participant or other Lower Tier Participants (such as subcontractors and suppliers).

e. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

f. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion-Lower Tier Covered Transaction," without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions exceeding the \$25,000 threshold.

g. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant is responsible for ensuring that its principals are not suspended, debarred, or otherwise ineligible to participate in covered transactions. To verify the eligibility of its principals, as well as the eligibility of any lower tier prospective participants, each participant may, but is not required to, check the Excluded Parties List System website (<https://www.epls.gov/>), which is compiled by the General Services Administration.

h. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

i. Except for transactions authorized under paragraph e of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the

department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

* * * * *

Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Participants:

1. The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participating in covered transactions by any Federal department or agency.

2. Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

* * * * *

XI. CERTIFICATION REGARDING USE OF CONTRACT FUNDS FOR LOBBYING

This provision is applicable to all Federal-aid construction contracts and to all related subcontracts which exceed \$100,000 (49 CFR 20).

1. The prospective participant certifies, by signing and submitting this bid or proposal, to the best of his or her knowledge and belief, that:

a. No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

b. If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions.

2. This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31 U.S.C. 1352. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

3. The prospective participant also agrees by submitting its bid or proposal that the participant shall require that the language of this certification be included in all lower tier subcontracts, which exceed \$100,000 and that all such recipients shall certify and disclose accordingly.

**ATTACHMENT A - EMPLOYMENT AND MATERIALS
PREFERENCE FOR APPALACHIAN DEVELOPMENT
HIGHWAY SYSTEM OR APPALACHIAN LOCAL ACCESS
ROAD CONTRACTS**

This provision is applicable to all Federal-aid projects funded under the Appalachian Regional Development Act of 1965.

1. During the performance of this contract, the contractor undertaking to do work which is, or reasonably may be, done as on-site work, shall give preference to qualified persons who regularly reside in the labor area as designated by the DOL wherein the contract work is situated, or the subregion, or the Appalachian counties of the State wherein the contract work is situated, except:

a. To the extent that qualified persons regularly residing in the area are not available.

b. For the reasonable needs of the contractor to employ supervisory or specially experienced personnel necessary to assure an efficient execution of the contract work.

c. For the obligation of the contractor to offer employment to present or former employees as the result of a lawful collective bargaining contract, provided that the number of nonresident persons employed under this subparagraph (1c) shall not exceed 20 percent of the total number of employees employed by the contractor on the contract work, except as provided in subparagraph (4) below.

2. The contractor shall place a job order with the State Employment Service indicating (a) the classifications of the laborers, mechanics and other employees required to perform the contract work, (b) the number of employees required in each classification, (c) the date on which the participant estimates such employees will be required, and (d) any other pertinent information required by the State Employment Service to complete the job order form. The job order may be placed with the State Employment Service in writing or by telephone. If during the course of the contract work, the information submitted by the contractor in the original job order is substantially modified, the participant shall promptly notify the State Employment Service.

3. The contractor shall give full consideration to all qualified job applicants referred to him by the State Employment Service. The contractor is not required to grant employment to any job applicants who, in his opinion, are not qualified to perform the classification of work required.

4. If, within one week following the placing of a job order by the contractor with the State Employment Service, the State Employment Service is unable to refer any qualified job applicants to the contractor, or less than the number requested, the State Employment Service will forward a certificate to the contractor indicating the unavailability of applicants. Such certificate shall be made a part of the contractor's permanent project records. Upon receipt of this certificate, the contractor may employ persons who do not normally reside in the labor area to fill positions covered by the certificate, notwithstanding the provisions of subparagraph (1c) above.

5. The provisions of 23 CFR 633.207(e) allow the contracting agency to provide a contractual preference for the use of mineral resource materials native to the Appalachian region.

6. The contractor shall include the provisions of Sections 1 through 4 of this Attachment A in every subcontract for work which is, or reasonably may be, done as on-site work.

**PROPOSAL FORM FOR DISASTER DEBRIS MONITORING SERVICE
REQUEST FOR PROPOSAL NO. 13-B-097**

**SUBMITTED TO: City of Coral Springs
9551 West Sample Road
Coral Springs, Florida 33065**

1. The undersigned Offeror proposes and agrees, if this Proposal is accepted, to enter into an Agreement with CITY to perform and furnish all work as specified or indicated in the Proposal and Contract Documents for the Contract price and within the Contract time indicated in the Proposal and in accordance with the other terms and conditions of the Proposal and Contract Documents.
2. Offeror accepts and hereby incorporates by reference in this Proposal Form all of the terms and conditions of the Request for Proposal and Instructions to Offerors.
3. The Offeror has become fully informed concerning the local conditions, and nature and extent of work, and has examined all Contract Documents.
4. Offeror has given the Purchasing Agent written notice of all conflicts, errors or discrepancies that it has discovered in the Contract and/or Proposal documents and the written resolution thereof by the Purchasing Agent is acceptable to Offeror.
5. Offeror proposes to furnish all labor, services, and supervision for the work describes as follows:

DISASTER DEBRIS MONITORING SERVICES

6. Offeror will complete the work for the following price: include labor fees for all appropriate workers.
7. Acknowledgment is hereby made of the following Addenda (identified by number) received since issuance of the Request for Proposal:

Addendum No. _____ Date _____
Addendum No. _____ Date _____
Addendum No. _____ Date _____

8. The following documents are attached to and made as a condition to this Proposal:
 - (a) Proposal and Offeror's Certification
 - (b) Certified Resolution
 - (c) Qualifications Statement
 - (d) Non-Collusive Affidavit
 - (e) Offeror's Foreign (Non-Florida) Corporate Statement
 - (f) References
 - (g) Certificate(s) of Insurance

9. PLEASE HAVE YOUR INSURANCE REPRESENTATIVE CAREFULLY REVIEW ANY INSURANCE COVERAGES AND CONDITIONS PRIOR TO SUBMITTING YOUR PROPOSAL TO ENSURE COMPLIANCE WITH THE INSURANCE REQUIREMENTS OF THE INSTRUCTIONS TO OFFERORS.

10. The correct legal name of Offeror is: _____
Address: _____
City/State/Zip: _____
Telephone No.: _____ Fax No.: _____
Email Address: _____
Social Security No. or Federal I.D. No.: _____

11. Communications concerning this Proposal shall be addressed to
_____ at the following address:

Telephone No.: _____ Fax No.: _____
Email Address: _____
Submitted on _____, 201__.

OFFEROR'S CERTIFICATION

WHEN OFFEROR IS AN INDIVIDUAL

IN WITNESS WHEREOF, the Offeror hereto has executed this Proposal Form this _____ day
of _____, 201__.

By: _____
Signature of Individual

Witness

Printed Name of Individual

Witness

Business Address

City/State/Zip

Business Phone Number

State of _____
County of _____

The foregoing instrument was acknowledged before me this _____ Day of _____,
201__, by _____ who is personally known to me or
who has produced _____ as identification and who did (did not) take an
oath.

WITNESS my hand and official seal.

NOTARY PUBLIC

(Name of Notary Public: Print, Stamp,
or type as Commissioned)

OFFEROR'S CERTIFICATION

WHEN OFFEROR IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A FICTITIOUS OR TRADE NAME

IN WITNESS WHEREOF, the Offeror hereto has executed this Proposal Form this _____ day of _____, 201_.

Printed Name of Firm

By: _____
Signature of Owner

Witness

Printed Name of Individual

Witness

Business Address

City/State/Zip

Business Phone Number

State of _____
County of _____

The foregoing instrument was acknowledged before me this _____ Day of _____, 201__, by _____ who is personally known to me or who has produced _____ as identification and who did (did not) take an oath.

WITNESS my hand and official seal.

NOTARY PUBLIC

(Name of Notary Public: Print, Stamp,
or type as Commissioned)

OFFEROR'S CERTIFICATION

WHEN OFFEROR IS A PARTNERSHIP

IN WITNESS WHEREOF, the Offeror hereto has executed this Proposal Form this _____ day
of _____, 201__.

Witness

Witness

Printed Name of Partnership

By: _____

Signature of General or Managing Partner

Printed Name of partner

Business Address

City/State/Zip

Business Phone Number

State of Registration

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ Day of _____, 201__,
by _____ (Name), _____ (Title) of _____

(Name of Company) who is personally known to me
or who has produced _____ as identification and who did (did not)
take an oath.

WITNESS my hand and official seal.

NOTARY PUBLIC

(Name of Notary Public: Print, Stamp,
or type as Commissioned)

OFFEROR'S CERTIFICATION

WHEN OFFEROR IS A CORPORATION

IN WITNESS WHEREOF, the Offeror hereto has executed this Proposal Form this _____
day of _____, 201__.

Printed Name of Corporation

Printed State of Incorporation

By: _____
Signature of President or other authorized officer

(CORPORATE SEAL)

Printed Name of President or other authorized officer

ATTEST:

By _____
Secretary

Address of Corporation

City/State/Zip

Business Phone Number

State of _____
County of _____

The foregoing instrument was acknowledged before me this _____ Day of _____, 201__,
by _____ (Name), _____ (Title) of
_____ (Name of Company) on behalf of the corporation,
who is personally known to me or who has produced _____ as
identification and who did (did not) take an oath.

WITNESS my hand and official seal.

NOTARY PUBLIC

(Name of Notary Public: Print, Stamp,
or type as Commissioned)

CERTIFIED RESOLUTION

I, _____ (Name), the duly elected Secretary of _____
_____ (Corporate Title), a corporation organized and existing under the laws of the State of _____
_____, do hereby certify that the following Resolution was unanimously adopted and
passed by a quorum of the Board of Directors of the Said corporation at a meeting held in accordance with
law and the by-laws of the said corporation.

IT IS HEREBY RESOLVED THAT _____ (Name) The duly elected ____
_____ (Title of Officer) of _____ (Corporate Title) be and is hereby
authorized to execute and submit a Bid and Bid Bond, if such bond is required, to the City of Coral Springs
and such other instruments in writing as may be necessary on behalf of the said corporation; and that the Bid,
Bid Bond, and other such instruments signed by him/her shall be binding upon the said corporation as its
own acts and deeds. The secretary shall certify the names and signatures of those authorized to act by the
foregoing resolution.

The City of Coral Springs shall be fully protected in relying upon such certification of the secretary and shall
be indemnified and saved harmless from any and all claims, demands, expenses, loss or damage resulting
from or growing out of honoring, the signature of any person so certified or for refusing to honor any
signature not so certified.

I further certify that the above resolution is in force and effect and has not been revised, revoked or
rescinded.

I further certify that the following are the name, titles and official signatures of those persons authorized to
act by the foregoing resolution.

<u>NAME</u>	<u>TITLE</u>	<u>SIGNATURE</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____

Given under my hand and the Seal of the said corporation this _____ day of _____, 201__.

(SEAL)

By: _____
Secretary

Corporate Title

NOTE:

The above is a suggested form of the type of Corporate Resolution desired. Such form need not be followed
explicitly, but the Certified Resolution submitted must clearly show to the satisfaction of the City of Coral
Springs that the person signing the Bid and Bid Bond for the corporation has been properly empowered by
the corporation to do so in its behalf.

NON-COLLUSIVE AFFIDAVIT

State of _____)

)ss.

County of _____)

_____ being first duly sworn, deposes and says
that:

- (1) He/she is the _____, (Owner, Partner, Officer, Representative or Agent) of _____, the Bidder that has submitted the attached Bid;
- (2) He/she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
- (3) Such Bid is genuine and is not a collusive or sham Bid;
- (4) Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, have in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm, or person to submit a collusive or sham Bid in connection with the Work for which the attached Bid has been submitted; or to refrain from bidding in connection with such Work; or have in any manner, directly or indirectly, sought by agreement or collusion, or communication, or conference with any Bidder, firm, or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit, or cost elements of the Bid price or the Bid price of any other Bidder, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against (Recipient), or any person interested in the proposed Work;
- (5) The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any other of its agents, representatives, owners, employees or parties in interest, including this affiant.

Signed, sealed and delivered
in the presence of:

By: _____

(Printed Name)

(Title)

ACKNOWLEDGEMENT

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____
_____ 201____, by _____, who is personally known to me
or who has produced _____ as identification and who did (did not) take an
oath.

WITNESS my hand and official seal

NOTARY PUBLIC

(Name of Notary Public: Print,
Stamp, or Type as Commissioned.)

QUALIFICATION STATEMENT

The undersigned certifies under oath the truth and correctness of all statements and of all answers to questions made hereinafter:

SUBMITTED TO: City of Coral Springs
 (Purchasing Administrator)

ADDRESS: 9551 West Sample Road
 Coral Springs, Florida 33065

CIRCLE ONE

SUBMITTED BY: _____

NAME _____

ADDRESS: _____

TELEPHONE NO. _____

FAX NO. _____

E-MAIL ADDRESS: _____

Corporation
Partnership
Individual
Other

1. State the true, exact, correct and complete name of the partnership, corporation, trade or fictitious name under which you do business and the address of the place of business.

The correct name of the Proposer is: _____

The address of the principal place of business is: _____

2. If Proposer is a corporation, answer the following:

a. Date of Incorporation: _____

b. State of Incorporation: _____

c. President's name: _____

d. Vice President's name: _____

e. Secretary's name: _____

f. Treasurer's name: _____

g. Name and address of Resident Agent:

3. If Proposer is an individual or a partnership, answer the following:

a. Date of organization: _____

b. Name, address and ownership units of all partners:

c. State whether general or limited partnership: _____

4. If Proposer is other than an individual, corporation or partnership, describe the organization and give the name and address of principals:

5. If Proposer is operating under a fictitious name, submit evidence of compliance with the Florida Fictitious Name Statute.

6. How many years has your organization been in business under its present business name?

a. Under what other former names has your organization operated?

7. Indicate registration, license numbers or certificate numbers for the businesses or professions which are the subject of this RFP. Please attach certificate of competency and/or state registration.

8. Do you have a complete set of documents, including drawings and addenda?
(Y) _____ (N) _____

9. State the names, telephone numbers and last known addresses of three (3) owners, individuals or representatives of owners with the most knowledge of work which you have performed or goods you have provided, and to which you refer (government owners are preferred as references).

(name) (address) (phone number)

(name) (address) (phone number)

(name) (address) (phone number)

10. List the pertinent experience of the key individuals of your organization (continue on insert sheet, if necessary).

11. State the name of the individual who will have personal supervision of the work:

12. State the name and address of attorney, if any, for the business of the Offeror:

13. State the names and addresses of all businesses and/or individuals who own an interest of more than five percent (5%) of the Proposer's business and indicate the percentage owned of each such business and/or individual:

14. State the names, addresses and the type of business of all firms that are partially or wholly owned by Proposer:

15. State the name of Surety Company which will be providing the bonds if any bonds are required by the Instructions to Proposers, and name and address of agent:

16. Bank References:

<u>BANK</u>	<u>ADDRESS</u>
-------------	----------------

17. List below and identify the address, telephone number, and capacity (inside and outside storage) of the Principal and any Subsidiary Compounds proposed for the contract.

(Use additional sheets if necessary)

18. List below the equipment, including type, year, and condition, that you propose for the contract.

(Use additional sheets if necessary)

19. Lawsuits (any_ pending or completed involving the corporation, partnership or individuals with more than ten percent (10%) interest.

- a. List all pending lawsuits which are concerned directly with the staff or part of your organization proposed for the contract:

- b. List all pending lawsuits which are concerned directly with the staff or part of your organization proposed for the contract:

THE PROPOSER ACKNOWLEDGES AND UNDERSTANDS THAT THE INFORMATION CONTAINED IN RESPONSE TO THIS QUALIFICATIONS STATEMENT SHALL BE RELIED UPON BY OWNER IN AWARDING THE CONTRACT AND SUCH INFORMATION IS WARRANTED BY PROPOSER TO BE TRUE. THE DISCOVERY OF ANY OMISSION OR MISSTATEMENT THAT MATERIALLY AFFECTS THE PROPOSER'S QUALIFICATIONS TO PERFORM UNDER THE CONTRACT SHALL CAUSE THE OWNER TO REJECT THE PROPOSAL, AND IF AFTER THE AWARD TO CANCEL AND TERMINATE THE AWARD AND/OR CONTRACT.

Signature

State of _____

County of _____

The foregoing instrument was acknowledged before me this _____ day of _____, 201_ by _____ of _____, who is personally known to me or who has produced _____ as identification and who did (did not) take an oath.

WITNESS my hand and official seal.

NOTARY PUBLIC

(Name of Notary Public: Print, Stamp,
or type as Commissioned)

FOREIGN (NON-FLORIDA) CORPORATIONS MUST COMPLETE THIS FORM

DEPARTMENT OF STATE CORPORATE CHARTER NO. _____

If your corporation is exempt from the requirements of Section 607.1501, Florida Statutes, YOU MUST CHECK BELOW the reason(s) for the exemption. Please contact the Department of State, Division of Corporations at (850) 245-6051 for assistance with corporate registration or exemptions.

607.1501 Authority of foreign corporation to transact business required.

- (1) A foreign corporation may not transact business in this state until it obtains a certificate of authority from the Department of State.
- (2) The following activities, among others, do not constitute transacting business within the meaning of subsection (1):
- ____(a) Maintaining, defending, or settling any proceeding.
 - ____(b) Holding meetings of the board of directors or shareholders or carrying on other activities concerning internal corporate affairs.
 - ____(c) Maintaining bank accounts.
 - ____(d) Maintaining officers or agencies for the transfer, exchange, and registration of the corporation's own securities or maintaining trustees or depositaries with respect to those securities.
 - ____(e) Selling through independent contractors.
 - ____(f) Soliciting or obtaining orders, whether by mail or through employees, agents, or otherwise, if the orders require acceptance outside this state before they become contracts.
 - ____(g) Creating or acquiring indebtedness, mortgages, and security interests in real or personal property.
 - ____(h) Securing or collecting debts or enforcing mortgages and security interests in property securing the debts.
 - ____(i) Transacting business in interstate commerce.
 - ____(j) Conducting an isolated transaction that is completed within 30 days and that is not one in the course of repeated transactions of a like nature.
 - ____(k) Owning and controlling a subsidiary corporation incorporated in or transacting business within this state or voting the stock of any corporation which it has lawfully acquired.
 - ____(l) Owning a limited partnership interest in a limited partnership that is doing business within this state, unless such limited partner manages or controls the partnership or exercises the powers and duties of a general partner.
 - ____(m) Owning, without more, real or personal property.
- (3) The list of activities in subsection (2) is not exhaustive.
- (4) This section has no application to the question of whether any foreign corporation is subject to service of process and suit in this state under any law of this state.

Please check one of the following if your firm is NOT a corporation:

- (I) _____ Partnership, Joint Venture, Estate or Trust
(II) _____ Sole Proprietorship or Self-Employed

NOTE: This sheet MUST be enclosed with your bid if you claim an exemption or have checked I or II above. If you do not check I or II above, your firm will be considered a corporation and subject to all requirements listed herein.

BIDDER'S CORRECT LEGAL NAME

SIGNATURE OF AUTHORIZED AGENT OF BIDDER

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)

APPROVE RESOLUTION AUTHORIZING THE PROPER CITY OFFICIALS TO AWARD BID NO. 17-005 FOR THE OASIS XIII NEIGHBORHOOD IMPROVEMENT PROJECT BID TO DP DEVELOPMENT OF THE TREASURE COAST, LLC IN THE AMOUNT OF ONE HUNDRED FIFTY THREE THOUSAND FIVE HUNDRED EIGHTY DOLLARS AND EIGHTY CENTS (\$153,580.80);

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

memo, Resolution, OASIS XIII Bid Sign-in Sheet, OASIS XIII Bid Tabulation Form, OASIS XIII Bid Summary



City of Dania Beach

Department of Public Services

st Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-3741 · (954) - 923-1109 (fax)

MEMORANDUM

TO: Honorable Mayor and Commisioners

FROM: Robert Baldwin, City Manager

BY: Brad Kaine, Director of Public Services

Date: October 19, 2017

RE: Award of the OASIS XIII Neighborhood Improvement Project bid to the DP Development of the Treasure Coast, Inc. in the amount of \$153,580.80

Introduction and Background

The bids were advertised on August 2, 2017, and a mandatory pre-bid conference was held on August 21, 2017. Bids were posted on the City's website and on Demand Star and advertisement was also placed in the Sun-Sentinel.

The bids were received on September 15, 2017. Note bids were delayed as a result of Hurricane Irma. The City received four responses, but the project manager had been advised that contractors were having issues getting bonds and certificates due to the storm. The lowest apparent bidder, DP Development of the Treasure Coast had two minor defects in the bid – a missing insurance certificate and a minor addition error, neither of which appear consequential or altered the bid order.

The bid review committee met originally on October 13, 2017. Some concerns over line items were brought up and it was decided to reconvene later once the items were addressed. The Bid Review Committee met again on October 19, 2017, after discussion with the City's Consultant's all items has been resolved. The committee recommends award to DP Development of the Treasure Coast, LLC.

The project manager also recommends awarding the contract to DP Development of the Treasure Coast Inc. The costs were under budget, therefore, the project manager recommends awarding the base bid plus Alternate 1 – a sidewalk on the south side of the road.

Funding for this project is available in the Capital Fund account number 301-39-34-541-63-10.



City of Dania Beach

Department of Public Services

st Dania Beach Blvd · Dania Beach, FL 33004 · (954) 924-3741 · (954) - 923-1109 (fax)

Recommendation

It is recommended that the City Commission award the contract to DP Development of the Treasure Coast Inc. in an amount not to exceed \$153,580.80, and authorizes and directs the City Manager to execute all necessary documents.

RESOLUTION NO. 2017-134

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO AWARD BID NO. 17-005 FOR THE OASIS XIII NEIGHBORHOOD IMPROVEMENT PROJECT BID TO DP DEVELOPMENT OF THE TREASURE COAST, LLC IN THE AMOUNT OF ONE HUNDRED FIFTY THREE THOUSAND FIVE HUNDRED EIGHTY DOLLARS AND EIGHTY CENTS (\$153,580.80); PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, advertisements for bids were placed on August 2, 2017 for the OASIS XIII Neighborhood Improvement Project, and

WHEREAS, a mandatory pre-bid was held on August 21, 2017; and

WHEREAS, the City of Dania Beach opened bids for the OASIS XIII Neighborhood Improvement Project on Friday, September 15, 2017 at 10:30 am; and

WHEREAS, there were four bidders as follows:

DP Development of the Treasure Coast, LLC;

Sagaris Corp;

City Tech;

Lunicon; and

WHEREAS, the bid summary is attached as Exhibit "A, which is incorporated by this reference; and

WHEREAS, the bid review committee met on October 19, 2017 and recommended award to DP Development of the Treasure Coast, LLC; and

WHEREAS, the City Commission previously approved funding for this project and the costs proposal is under budget, therefore, the project manager recommends awarding of the base bid plus Alternate 1, which is a sidewalk located on the south side of the road;

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

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

Section 2. That the City of Dania Beach, Florida awards Bid No. 17-005 to DP Development of the Treasure Coast, LLC in an amount not to exceed One Hundred Fifty Three Thousand Five Hundred Eighty Dollars and Eight Cents (\$153,580.80).

Section 3. That the proper City officials are authorized to execute an agreement with DP Development of the Treasure Coast, Inc.; provided that the City Manager and City Attorney are authorized to make minor revisions to such documents as are deemed necessary and proper for the best interests of the City.

Section 4. That funding for this project is available and appropriated in the Capital Projects Fund Oasis XIII Account #301-39-34-541-63-10.

Section 5. That all resolutions or part of Resolutions in conflict with any of the provisions of this Resolution are repealed.

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

PASSED and ADOPTED on October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

SIGN-IN SHEET

BID OPENING

FRIDAY, SEPTEMBER 15, 2017 – 10:30 A.M.

ITB #17-005 "INSTALLATION OF PAVER DRIVEWAYS, CROSSWALKS, SIDEWALKS, SIGNS AND SOLAR LIGHTS FOR DANIA BEACH OASIS XIII" (NE 1ST STREET)

NAME	COMPANY	ADDRESS	TEL #/ EMAIL
Fred Bloetschen	Pumps	PO Box 221890 Hollywood FL 33027	h2o-man-e-keller@hnt & 239 250 2423
RONNIE NAVARRO			
YAMIL ARIZA	Citytech Construction	11671 SW 50th Ct Cooper City, FL 33330	305-600-8939 yariza@citytechconstruction.com
Sagaris - Steven Coff Fouladi.	Sagaris Corp	1847 N. University Dr. Coral Springs, FL	954-829-1302 Steven@SagarisCorp.com
Ricky Diaz	Lunacon Construction	16490 S. Dixie Miami, FL 33157	305-303-5760 Rdiaz@lunaconcorp.com
Tania Stevens	City of Dania Beach		

BID TABULATION FORM

BID OPENING DATE: FRIDAY, SEPTEMBER 15, 2017

TIME: 10:30 A.M.

PROJECT NAME: ITB #17-005 “INSTALLATION OF PAVER DRIVEWAYS, CROSSWALKS, SIDEWALKS, SIGNS AND SOLAR LIGHTS FOR DANIA BEACH OASIS XIII” (NE 1ST STREET)

PRESENT AT BID OPENING:
See sign-in sheet attached

THE FOLLOWING BIDS WERE OPENED BY:

Louise Stilson, City Clerk
Tom Schneider, Deputy City Clerk

Exhibits: A = Bidder Qualifications
B = Bid Form
E = Bidder's Questionnaire
F = Public Entity Crimes Statement
H = Non-Collusion Affidavit
I = Independence Affidavit
J = References
K = Bid Bond
L = Acknowledgment of Addenda
M = Certification to Accuracy of Bid
N = Trench Safety Act Conformance
O = Drug-Free Workplace Cert.

[illegible]

BID TABULATION FORM

BID OPENING DATE: FRIDAY, SEPTEMBER 15, 2017 TIME: 10:30 A.M.

PROJECT NAME: ITB #17-005 “INSTALLATION OF PAVER DRIVEWAYS, CROSSWALKS, SIDEWALKS, SIGNS AND SOLAR LIGHTS FOR DANIA BEACH OASIS XIII” (NE 1ST STREET)

- Exhibits: A = Bidder Qualifications
B = Bid Form
E = Bidder’s Questionnaire
F = Public Entity Crimes Statement
H = Non-Collusion Affidavit
I = Independence Affidavit
J = References
K = Bid Bond
L = Acknowledgment of Addenda
M = Certification to Accuracy of Bid
N = Trench Safety Act Conformance
O = Drug-Free Workplace Cert.

	VENDOR	Attended Mandatory Meeting	1 Original 5 Copies	Proof of Insurance	Exh. A	Exh. B	Exh. E	Exh. F	Exh. H	Exh. I	Exh. J	Exh. K	Exh. L	Exh. M	Exh. N	Exh. O	Total Base Bid Cost
4.	Sagaris Corp. 1847 N. University Drive Coral Springs, FL 33071 Contact: Mehrdad Mahmoudi 954-688-3407	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	\$184,974.00

AFTER THE BID OPENING, THE BIDS WERE TURNED OVER TO THE FOLLOWING FOR FURTHER REVIEW AND TABULATION:

Fred Bloetscher, Public Utility Management and Planning Services, Inc.
Brad Kaine, Public Services Director
Ronnie Navarro, Deputy Public Services Director/City Engineer
Tania Stevens, Senior Accountant/Purchasing Coordinator, Finance Department

Oasis 13 NE 1st ITEM NO.	DESCRIPTION OF WORK	UNIT QTY	UNITS	DPDevelopment UNIT PRICE BID	TOTAL BID COST	CityTech UNIT PRICE BID	TOTAL BID COST	Lunicon UNIT PRICE BID	TOTAL BID COST	Sagaris UNIT PRICE BID	TOTAL BID COST
1	Mobilization	1	LS	\$ 20,400.00	\$ 20,400.00	\$ 16,634.75	\$ 16,634.75	\$ 15,000.00	\$ 15,000.00	\$ 16,000.00	\$ 16,000.00
2	Remove Sidewalks	50	LF	\$ 23.00	\$ 1,150.00	\$ 9.18	\$ 459.00	\$ 10.00	\$ 500.00	\$ 10.00	\$ 500.00
3	Permit Allowance	1	LS	\$2,500.00	\$ 2,500.00	\$2,500.00	\$ 2,500.00	\$3,500.00	\$ 3,500.00	\$2,500.00	\$ 2,500.00
4	Permeable Pavers Bricks	896	SF	\$ 7.80	\$ 6,988.80	\$ 11.16	\$ 9,999.36	\$ 7.00	\$ 6,272.00	\$ 6.00	\$ 5,376.00
5	2 in 89 stone	50	tn	\$ 35.00	\$ 1,750.00	\$ 25.44	\$ 1,272.00	\$ 35.00	\$ 1,750.00	\$ 35.00	\$ 1,750.00
6	12 in subbase	100	tn	\$ 105.00	\$ 10,500.00	\$ 31.92	\$ 3,192.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00
7	Fillin riverrock pebbles	20	tn	\$ 44.00	\$ 880.00	\$ 26.09	\$ 521.80	\$ 85.00	\$ 1,700.00	\$ 75.00	\$ 1,500.00
8	Header Curb 12 x 12 inch	384	LF	\$ 21.75	\$ 8,352.00	\$ 28.76	\$ 11,043.84	\$ 30.00	\$ 11,520.00	\$ 22.00	\$ 8,448.00
9	Sidewalk	600	LF	\$ 28.00	\$ 16,800.00	\$ 32.33	\$ 19,398.00	\$ 25.00	\$ 15,000.00	\$ 26.00	\$ 15,600.00
10	Driveway Removal	8	ea	\$ 475.00	\$ 3,800.00	\$ 391.84	\$ 3,134.72	\$ 350.00	\$ 2,800.00	\$ 550.00	\$ 4,400.00
11	Crosswalk	9	ea	\$ 1,985.00	\$ 17,865.00	\$ 7,815.79	\$ 70,342.11	\$ 8,000.00	\$ 72,000.00	\$ 9,000.00	\$ 81,000.00
12	Oasis Signs	2	ea	\$ 1,500.00	\$ 3,000.00	\$ 1,027.78	\$ 2,055.56	\$ 1,200.00	\$ 2,400.00	\$ 1,200.00	\$ 2,400.00
13	Street Signs/stop	6	ea	\$ 1,860.00	\$ 11,160.00	\$ 1,672.50	\$ 10,035.00	\$ 1,500.00	\$ 9,000.00	\$ 1,500.00	\$ 9,000.00
14	Sod, etc	1000	SY	\$ 4.20	\$ 4,200.00	\$ 5.87	\$ 5,870.00	\$ 5.00	\$ 5,000.00	\$ 5.00	\$ 5,000.00
15	Handicapped ramps	6	Ea	\$ 1,035.00	\$ 6,210.00	\$ 521.05	\$ 3,126.30	\$ 500.00	\$ 3,000.00	\$ 500.00	\$ 3,000.00
16	Solar Lights	2	Ea	\$ 12,365.00	\$ 24,730.00	\$ 8,500.00	\$ 17,000.00	\$ 10,000.00	\$ 20,000.00	\$ 9,000.00	\$ 18,000.00
17	Asphalt	500	SF	\$ 4.75	\$ 2,375.00	\$ 6.04	\$ 3,020.00	\$ 13.00	\$ 6,500.00	\$ 15.00	\$ 7,500.00
	GRAND TOTALS				\$ 142,660.80		\$ 179,604.44		\$ 178,942.00		\$ 184,974.00
Alt 1	8 in Reinforced sidewalk	240	LF	\$ 45.50	\$ 10,920.00	\$ 45.00	\$ 10,800.00	\$ 30.00	\$ 7,200.00	\$ 40.00	\$ 9,600.00
	Pavers	1440	SF	\$ 7.80	\$ 11,232.00	\$ 11.16	\$ 16,070.40	\$ 4.00	\$ 5,760.00	\$ 6.00	\$ 8,640.00
	Header Curb 12 x 12 inch	270	LF	\$ 21.50	\$ 5,805.00	\$ 28.76	\$ 7,765.20	\$ 24.00	\$ 6,480.00	\$ 22.00	\$ 5,940.00
					\$ 170,617.80		\$ 214,240.04		\$ 198,382.00		\$ 209,154.00

Yellow indicates error in multilyin gunit price time quantity

DPD and City Tech did not have insurance certificates - note internet was down and we were notified contractors were having issues getting documents

City Tech and Lunimcon has minor addition errors - highlighted

Certified by:

Frederick Bloetscher, Ph.D., P.E.

License # 42335

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-002-17) AND ASSOCIATED DESIGN VARIATIONS (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17), VARIANCES (VA-74-17, VA-81-17, VA-82-17, VA-84-17, VA-94-17) AND EXCEPTION (OT-73-17), AND USE OF HEIGHT INCENTIVE SUBMITTED BY DANIA AIRPORT HOTELS LLC, DANIA AIRPORT HOTELS 2 LLC AND DANIA BEACH INVEST, LLC FOR PROPERTIES GENERALLY LOCATED ON THE EAST SIDE OF NORTH FEDERAL HIGHWAY BETWEEN NW 1 STREET AND EAST DANIA BEACH BOULEVARD FOR THE HOTEL SITE AND ON THE EAST SIDE OF NE 1 COURT BETWEEN NE 1 STREET AND EAST DANIA BEACH BOULEVARD IN THE CITY OF DANIA BEACH, FLORIDA AS LEGALLY DESCRIBED IN EXHIBIT "A", A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONDITIONS

Purchasing Requests ONLY

Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

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Exhibits Attached

Staff Report, Site Plan App & Backup, Varaince Applications and Backup, Exception App & Backup, Design Variations App & Backup, Traffic Study, Site Plans, Resolution



**CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
STAFF REPORT**

DATE: October 24, 2017

TO: Robert Baldwin, City Manager

VIA: Marc LaFerrier, AICP, Director *[Signature]*

FROM: Corinne Lajoie, AICP, LEED G.A., Planning and Zoning Manager *[Signature]*

SUBJECT: SP-02-17/OT-73-17/VA-74-17/VA-81-17/VA-82-17/VA-84-17/VA-94-17
/OT-76-17/OT-77-17/OT-78-17/OT-79-17/OT-80-17: The applicant, Robert B. Lochrie III, Esq. or Nectoria M. Chakas, Esq. of Lochrie and Chakas, PA., on behalf of the property owner, Dania Beach Investments, LLC, Dania Airport Hotel, LLC, and Dania Airport Hotels 2, LLC., is requesting design variations, exception, variances, and site plan approval to construct a 115 room hotel and commercial space located at 24 & 44 North Federal Highway.

REQUESTS

DESIGN VARIATIONS

1. To allow parking to be located in the first layer (adjacent to roadway); the Land Development Code (LDC) only permits parking in the second layer (thirty feet (30') from the roadway); per Section 303-80(E) and Section 520-50(E)(3).
2. To allow sixty-three percent (63%) translucent glazing to be located on the building frontage, LDC requires a minimum of seventy percent (70%) glazing; per Section 311-20(E)(1)
3. STREET TREES; per Section 307-20:
 - A. To allow six (6) Medjool Date Palm trees to be planted along Federal Highway, the LDC requires eight (8) Royal Palm trees.
 - B. To provide three (3) trees (Pigeon Plum and Oak trees) total on NE 1 Avenue, LDC requires ten (10) Sable Palms to be planted.
 - C. To provide ten (10) trees (Live Oak and Silver Buttonwood) total on NE 1 Court, ten (10) Sable Palms are required.
4. To provide no on-street parking, LDC requires the construction of on-street parking; per Section 306-20 and 309-10(C).
5. BUILDING PLACEMENT; per Section 303-40(M):
 - A. To allow sixty-two percent (62%) of the building frontage to be located on the Build-to-Line; LDC requires seventy percent (70%).

- B. To allow the first layer of the building to be twenty four feet (24') deep; LDC requires a minimum of thirty feet (30') in depth.

EXCEPTION

- 1. To allow eight (8) exterior building colors, some of non-nature blending shades; LDC permits a maximum of three (3) exterior building colors of nature blending shades; per Section 510-30(I).

VARIANCES

- 1. PARKING LOT LANDSCAPING; per Section 275-100:
 - A. To provide twelve percent (12%) of the vehicular use area in landscaped area, LDC requires a minimum of twenty percent (20%).
 - B. To provide a drive isle fifteen and a half feet (15.5') in width; LDC requires a minimum of twenty-four feet (24').
 - C. To allow a twenty-three foot, four inch (23'4") stacking space between the property line and the first parking space; LDC requires a minimum of twenty-five feet (25').
- 2. To allow one hundred percent (100%) of required parking to be valet parking, LDC allows a maximum of ten percent (10%) valet parking; per Section 265-120.
- 3. WALL SIGNS, per Section 505-90(V):
 - A. To allow four (4) wall signs, LDC allows a maximum of two (2) wall signs.
 - B.
 - C. To allow a sign letter height of thirty-six inches (36"); LDC allows a maximum letter height of twenty-four inches (24").
- 4. To provide zero (0) shade trees on the north property line; LDC requires five (5) shade trees; per Section 275-190.

SITE PLAN

To allow the construction of a 115-room hotel and commercial space.

PROPERTY INFORMATION

EXISTING ZONING:	City Center (CC)
LAND USE DESIGNATION:	Regional Activity Center

VIOLATIONS ON PROPERTY

There are no open violations on this property.

PUBLIC HEARING NOTICE

This item was duly advertised, posted and noticed pursuant to Article 610 of the Land Development Code (LDC.)

The applicant has assembled two (2) lots located on the east side of Federal Highway, north of Dania Beach Boulevard, creating a parcel of approximately half (.64) of an acre in size on which the applicant is proposing to build a hotel. An additional three (3) lots have been assembled one (1) block east, on NW 1 Court. This newly created parcel is approximately half (.46) of an acre in size, and proposed to be used as off-site parking for the hotel.

DESIGN VARIATIONS

1. PARKING LOCATION

The City Center zoning district requires parking to be located behind a building, with a minimum of thirty (30) feet from the roadway. The applicant is proposing parking to be located twenty-five (25) feet from NE 1 Avenue on the hotel parcel and five (5) feet from NW 1 Court on the off-site parking parcel. The intent of this regulation is to hide the parking from view by requiring it to be located behind a building.

2. TRANSLUCENT GLASS

The building façade proposed provides sixty-three percent (63%) translucent glazing to be on the building frontage facing Federal Highway. The City's LDC requires a minimum of seventy percent (70%) glazing.

3. STREET TREES

The applicant is requesting several variances from the City's LDC regarding required street trees. For the hotel parcel, the applicant is proposing to install six (6) Phoenix Palms along Federal Highway on the west side of the parcel, the LDC requires eight (8) Royal Palm trees. In addition, the applicant is proposing to install three (3) trees (Pigeon Plum and Oak trees) total on NE 1 Avenue, the east side of the parcel, where the LDC requires ten (10) Sable Palms to be planted. For the off-site parking, the applicant proposes to provide ten (10) trees (Live Oak and Silver Buttonwood) total on NE 1 Court, ten (10) Sable Palms are required.

4. ON-STREET PARKING

The applicant is proposing to provide no on-street parking. The City's LDC requires the construction of on-street parking on NE 1 Avenue and NE 1 Court. The applicant has provided no on-street parking on NE 1 Avenue, adjacent to the hotel parcel due to limited availability of land. The east property line has three (3) driveways; one for the loading/dumpster, one for valet parking and one for the ingress/egress for the parking spaces provided on site. Additionally, the applicant has provided no on-street parking adjacent to the off-site parking parcel on NE 1 Court. Any on-street parking provided may be counted toward meeting the projects required parking. This project is requesting to lease parking spaces from the City's garage due to a shortage of parking provided on the hotel parcel and on the off-site parking lot.

5. BUILDING PLACEMENT

The applicant is requesting to allow sixty-two percent (62%) of the building frontage to be located on the Build-to-Line. The City's LDC requires seventy percent (70%) to be located at the Build-to-Line. The design proposed by the applicant provides a building recess where the entry points to the building are provided. The proposed recesses allows for movement in the front elevation of the building. Additionally, these recesses are minimal, between two feet, eight inches (2'8") and two feet, ten inches (2'10").

Furthermore, the applicant is requesting to allow the first layer of the building to be twenty four feet (24') deep where the retail space is proposed to the north of the building. The City's LDC requires a minimum of thirty feet (30') in depth. Increasing the depth of this retail space would result in the elimination of a parking space, which the applicant wished to avoid.

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.

EXCEPTION

1. EXTERIOR BUILDING COLOR

The applicant is proposing an exterior building elevation to include eight (8) colors, some of non-nature blending colors. The City's LDC permits a maximum of three (3) exterior building colors of nature blending shades. The applicant is requesting this requirement to be waived.

Section 510-20(C) of the City's Land Development Code states that the City Commission may approve exceptions to this article as conditions to a site plan approval upon making for following findings:

1. "There are circumstances peculiar to the site or the intended use that makes compliance with a particular requirement of this article impracticable; and"
2. "The applicant has offered significant enhancements to other pertinent aspects of the site that the City Commission determined will offset any negative impact that an exception to these standards might otherwise create."

The applicant's requests and justification are consistent with the design variation criteria.

VARIANCES

1. PARKING LOT

There are several requests related to landscape requirements for parking lots. The first request is regarding the vehicle use area. The applicant is proposing to provide twelve percent (12%) of the vehicular use area in landscaped area. The City's LDC requires a minimum of twenty percent (20%). The reduction is a result of the applicant trying to maximize the use of the property by reducing landscape areas to increase parking.

The second request is to waive the twenty-four foot (24') minimum driveway requirement when ninety (90) degree parking backs into the drive isle. The applicant is requesting a fifteen and a half foot (15.5') wide drive isle, which results when vehicles are stacked in the drive isle, perpendicular to the ninety degree parking spaces, thereby reducing a twenty-four foot (24') drive isle to fifteen and a half feet (15.5'). This requirement exists to ensure adequate space is provided for vehicle movement in and out of the parking spaces.

The third request is to allow a twenty-three foot, four inch (23'4") stacking space between the property line and the first parking space. The City's LDC requires a minimum of twenty-five feet

(25') between the property line and the first parking space to allow space for an incoming vehicle to wait while a vehicle in the first parking space pulls out, without resulting in vehicles waiting outside the property on a public street.

5. VALET PARKING

The applicant is requesting to allow one hundred percent (100%) of provided parking to be valet parking. The City's LDC allows a maximum of ten percent (10%) of provided parking to be valet parking, which in this case would be ten (10) parking spaces. All of the parking provided on the hotel site and the off-site parking lot, is proposed to be valet. This will result in sixty-six (66) valet parking spaces.

6. WALL SIGNS

The applicant is requesting two (2) sign variances. The first is regarding the number of wall signs proposed. The project submitted identifies four (4) wall signs, one per building elevation. The City's LDC allows a maximum of two (2) wall signs for this project, one per street frontage. The hotel parcel has Federal Highway street frontage on the west and NE 1 Avenue street frontage on the east, therefore only two (2) signs are permitted. The total proposed sign area of 154 square feet for the four (4) proposed signs is less than the total permitted sign area allowed (187.5 s.f.) for the east and west sign total.

The second and final sign request is related to the letter height. The applicant is requesting to allow a sign letter height of thirty-six inches (36"). The City's LDC allows a maximum letter height of twenty-four inches (24").

7. SHADE TREES

The applicant is requesting to provide zero (0) shade trees on the north property line. The City's LDC requires five (5) shade trees. While the northwest corner of the building is nine (9) feet from the north property, the pool, deck and restrooms are located five (5) feet from the north property line which restricts the available area for shade tree canopy to be accommodated.

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's requests and justification are consistent with the variance criteria.

SITE PLAN

The applicant is proposing to construct a 115 room hotel, 1,000 square feet of retail space and twelve (12) valet parking spaces on a site located on the east side of Federal Highway, north of Dania Beach Boulevard. Additionally, the applicant is proposing to construct off-site parking for sixty-six additional valet parking spaces on an additional site, located on NW 1 Court.

The City's LDC requires a total of ninety-six (96) parking spaces for the proposed hotel and retail space. The applicant is proposing to construct a total of seventy-eight (78) valet parking spaces. The remaining eighteen (18) parking spaces must be provided for prior to issuance of a building permit. The applicant and city have been in discussion regarding a parking agreement to utilize parking spaces from the City's parking garage to provide the remaining parking for this project. The applicant has proposed a parking agreement for the parking garage. This agreement will be subsequently scheduled for an upcoming City Commission meeting.

Staff has encouraged the applicant to contact adjacent property owners regarding the proposed development.

The City Engineer has deemed the Traffic Impact Study, prepared by Joaquin E. Vargas, P.E. of Traf Tech, is complete and accepted.

INCENTIVES

The applicant is proposing the use of incentives to achieve a building height of six stories, 67 feet. Based on the Incentive table provided on Sheet A-040, received on 10-13-17, the applicant is proposing to provide ten (10) public parking spaces via Payment in Lieu of Parking. Therefore a total of \$65,000 must be paid to the City, of which half, or \$32,500, must be paid prior to issuance of a building permit. The remaining \$32,500 must be paid prior to issuance of the Certificate of Occupancy. Utilization of this incentive will earn the applicant one additional floor.

Additionally, the applicant is also proposing to provide Public Park incentive payment in the amount of \$26,501 (payment of \$.50 per square foot of residential gross floor area – including hotels; 53,003 sf X .50 = \$26,501). Therefore, payment of \$26,501 must be paid prior to issuance of a building permit. Utilization of this incentive will earn the applicant one additional floor.

DEVELOPMENT REVIEW COMMITTEE (DRC)

The site plan was reviewed by the DRC on January 26, 2017, March, 24, 2017, May 19, 2017, and July 27, 2017, 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 outstanding DRC comments are listed as conditions of approval in the resolution.

CONDITIONS OF APPROVAL

1. Tree dispositions are not listed on the plans. Provide the disposition of each tree (remain, relocate, remove) and provide a legend for each disposition symbol on sheets LD-1 and LD-2 (LANDSCAPE CONSULTANT).
2. Several trees are listed in the arborist report as good candidates for relocation. These trees must be relocated or, per Sec. 825-90, demonstration that relocation is not possible on or offsite is required (LANDSCAPE CONSULTANT)
3. Provide a mitigation table listing the canopy area of each tree proposed for removal (in square feet), total canopy area proposed for removal (in square feet), and state how the mitigation will be met per Sec. 825-190. Provide the specimen tree value for specimen trees proposed for removal along with a statement stating that the specimen tree values will be donated to the City's tree trust fund (LANDSCAPE CONSULTANT).
4. The proximity to the airport will require FAA, and 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. 3rd time requested.
5. Revise Sheet A-304, Signage SQ. FT. Requirements Table, removing the frontage notes for the north and south facades, as the north and south property lines internal side lot lines that do not have any street frontage, there for should be zero (0). Revise accordingly.
6. Revise Sheet A-304, Signage SQ. FT. Requirements Table, removing the reference to CRA Sign Bonus and correcting the allowable sign area to 93.75 square foot sign area permitted per street frontage. Revise accordingly.
7. Per Section 265 – 120:
 - (B) "The approved site plan and an agreement between the city and property owner(s) and approved by the city attorney, shall identify the number and location of parking spaces reserved for valet parking, and shall require that any use of the property for which valet parking is provided in order to satisfy the required number of parking spaces, shall cease immediately if for any reason the valet service is not provided at all times during the operation of the uses for which the parking is provided." 3rd time requested. Provide copy of proposed agreement for staff and City Attorney review.
 - (C) "The site plan shall delineate the signage, and attendant-parking spaces. 3rd time requested.
 - (E) "The operator must possess a valid city local business tax receipt for a valet service. Each valet must be an employee of the operator and each must possess a valid State of Florida driver license. The operator shall have sufficient valets working at all times to avoid excessive stacking in the valet drop-off area. Excessive stacking shall exist when vehicles stacked for valet drop-off or pick-up extend into any drive aisle and impede the flow of routine traffic." In addition, the applicant shall provide information defining travel routes and frequency. Needed prior to issuance of a building permit. 2nd time requested.

8. RAC TRAFFIC IMPACT MITIGATION: Provide an analysis, signed and sealed by a certified engineer, identifying the amount of RA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of \$21.26 per p.m. peak hour trip. Traffic study provided identifies 81 PM peak hour trips, therefore \$1,722.06 must be paid prior to issuance of a building permit.
9. For all projects resulting in buildout of the site, such that construction staging cannot occur on site, must obtain Staging Plan (SP) and maintenance of traffic (MOT) approval by the Community Development Director and City Engineer prior to issuance of a building permit. The SP and MOT must include, but is not limited to, location of equipment and material during construction.
10. Provide a unity of title to combine lots 9, 10, 13, & 14, as well as lots 1, 2, & 3 of Block 5. 2nd time requested.
11. Revise building elevations to ensure the building height matches the height identified on Sheet A-040, in the Site Data Table.
12. Based on the Incentive table on Sheet A-040, received on 10-13-17, the applicant is proposing to provide ten (10) public parking spaces via Payment in Lieu of Parking. Therefore a total of \$65,000 must be paid to the City, of which half, or \$32,500, must be paid prior to issuance of a building permit. The remaining \$32,500 must be paid prior to issuance of the Certificate of Occupancy.
13. Based on the Incentive table on Sheet A-040, received on 10-13-17, the applicant is proposing to provide Public Park incentive payment in the amount of \$26,501 (payment of \$.50 per square foot of residential gross floor area – including hotels; 53,003 sf X .50 = \$26,501). Therefore, payment of \$26,501 must be paid prior to issuance of a building permit.
14. The City's LDC requires a total of ninety-six (96) parking spaces for the proposed hotel and retail space. The applicant is proposing to construct seventy-eight (78) parking spaces. The remaining eighteen (18) parking spaces must be provided for prior to issuance of a building permit.

RECOMMENDATION

The Site Plan application meets all applicable regulations provided the Design Variations, Exception, and Variances are approved and provided the DRC comments are made conditions of approval. Staff recommends approval of the resolution.



*CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
COVER LETTER*

To: permitconnection@aol.com

From: mwrap@daniabeachfl.gov

Date: 7/27/2017

Re: TRU By Hilton

PZ#: SP-002-17 - 4th Review

Dear Applicant:

*Please find attached the comments regarding your site plan project together with the agenda for the Design Review Committee meeting. Your slotted time for the meeting held on **Thursday, July 27th will be at 10:00AM.***

Should you have any questions, please contact Corinne Lajoie at 954-924-6805 X3704 Macee Wray at 954-924-6805 X3643.

Thank you.

*cc: Daniel Parobok, Arborist, Daniel.parobok@metriceng.com
Sean Brown, Fire Chief, kennethsean_brown@sheriff.org
Ronnie Navarro, Engineer, rnavarro@daniabeachfl.gov
Corinne Lajoie, Planning and Zoning Manager, cchurch@daniabeachfl.gov
Anne-Christine Carrie, Planner, acarrie@daniabeachfl.gov*



**AGENDA
COMMUNITY DEVELOPMENT DEPARTMENT
DEVELOPMENT REVIEW MEETING
THURSDAY, JULY 27, 2017**

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.

- 1) 10:00 A.M. SP-02-17, TRU BY HILTON, 24 AND 44 NORTH GRIFFIN RD., 4th
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 cchurch@daniabeachfl.gov
Macee Wray at (954) 924-6805 x 3643 or mwray@daniabeachfl.gov**



CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
ROUTING SHEET

Routing Date: July 11, 2017

PZ Log No: SP-002-17

Project: TRU by Hilton 4TH REVIEW

Comments Due: July 20, 2017

PLEASE REVIEW THE ABOVE REFERENCED PROJECT FOR COMMENTS TO BE INCORPORATED IN THE COMMUNITY DEVELOPMENT DIRECTOR'S STAFF REPORT TO THE PLANNING AND ZONING BOARD AND/OR CITY COMMISSION.

- ☐ Complies with code as submitted.
- ☐ Comments to be addressed & plans resubmitted prior to public hearing.
- ☐ Denied.

Department _____

Date _____



CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
COST RECOVERY

Project: TRU by Hilton

PZ Log No: SP-002-17

Plan Reviewer: Landscape

Please log your time spent on reviewing the plans.

Time spent: 3 hr

Rate per hour: \$100

Overtime: _____

* Cost recovery – no charge on single family home plans, permits and variances.

Landscape Plan Review: TRU by Hilton

PZ Log Number: SP-002-17 Review Number: 4

Reviewer: Daniel Parobok Date: July 20, 2017



The following comments are based on a review of the plans and responses dated 7/2017, for the property located at 24 N Federal Hwy, Dania Beach, for compliance with the City of Dania Beach Code of Ordinances:

1. Tree dispositions are not listed on the plans. Provide the disposition of each tree (remain, relocate, remove) and provide a legend for each disposition symbol on sheets LD-1 and LD-2.
2. Several trees are listed in the arborist report as good candidates for relocation. These trees must be relocated or, per Sec. 825-90, demonstration that relocation is not possible on or offsite is required.
3. Provide a mitigation table listing the canopy area of each tree proposed for removal (in square feet), total canopy area proposed for removal (in square feet), and state how the mitigation will be met per Sec. 825-190. Provide the specimen tree value for specimen trees proposed for removal along with a statement stating that the specimen tree values will be donated to the City's tree trust fund.
4. VUA dedicated to VUA landscaping on sheet LP-2 does not meet Sec. 275-100 requirements. A minimum of 20% of the VUA must be dedicated to landscaping, currently 12.5% is provided. Provide a minimum of 20% VUA landscape area. Note VUA landscape requirements are exclusive of buffer requirements.
5. Previous comment still applies: Proposed trees do not meet Sec. 275-190 requirements. Provide adequate number of shade, intermediate, small, and palms trees noting the minimum and maximum thresholds for each category.

The comment response provided states *"The project does not comply with Sec. 275-190. In accordance to the code, more appropriate trees in smaller sizes have been added in response to the available space. However, if the city insists on meeting the code by placing larger shade trees in the smaller space, we will comply as long as the city is aware that we are not in agreement and that the city landscape architect has advised as to the potential encroachment problems with the size increase as the tree mature and possibly extend out beyond the boundaries of the property line and into neighboring areas."*

The previous comment still applies. Sec. 275-190 requirement must be met. If the planting spaces are designed too small to facilitate the growth of large growing shade trees, the applicant must redesign to provide adequate spacing per Sec. 275-190(H) and adequate planting space for the trees to grow and survive in perpetuity. If these requirements are not met, a variance must be requested for this Section. Note that the landscape reviewer will not support the variance.

6. Per Sec. 275-190(H)(7)(a), shade trees shall have a planting space of a minimum 15 feet in the smallest dimension. The current proposed planting spaces for shade trees on sheet LP-1 are only 5 feet in the smallest dimension. Provide a minimum of 225 square feet with a minimum of 15 feet as the smallest dimension for all shade trees as required.
7. Per Sec. 275-190(H)(7)(b), intermediate trees shall have a planting space of a minimum 8 feet in the smallest dimension. The current proposed planting spaces for shade trees on sheet LP-1 are only 5 feet

in the smallest dimension. Provide a minimum of 90 square feet with a minimum of 8 feet as the smallest dimension for all shade trees as required.

8. The minimum VUA perimeter buffer tree requirements per Sec. 275-90 are not being met on sheet LP-2. Provide the minimum number of VUA perimeter buffer trees.
9. Previous comment still applies: Note per Sec. 275-190, sable palms are counted as one Category 2/intermediate tree.

The comment response provided states *"Acknowledged, however it is our opinion that the use of sable palms in this space is more appropriate in this location due to the lack of available space. Additionally, we feel we are creating more of a diversity combined with the smaller trees, as well as providing a haven for butterflies and wildlife."*

The previous comment still applies. Sable palms are counted as one Category 2/intermediate tree regardless of location. Sable palms being used to meet landscape code requirements will be counted as intermediate trees and counted toward the maximum threshold of allowable palms per Sec. 275-190. Sable palms (and any other palms) onsite that are in excess of landscape code requirements will not be counted toward the maximum threshold of allowable palms per Sec. 275-190.

10. Provide a point-by-point response to each of the above comments.
11. In order to complete any further landscaping review, a PDF copy must accompany the submittal. This may be sent to Daniel Parobok at daniel.parobok@metriceng.com

Informational notes:

- i. **Please provide a point-by-point response to each of the above comments.**
- ii. Feel free to contact Daniel Parobok at (305) 235-5098 daniel.parobok@metriceng.com for an interim review prior to your next official submittal, to expedite your landscape plan approval process.
- iii. A PDF copy of final plans must be submitted via CD or email in order to receive final approval.

END OF COMMENTS



CITY OF DANIA BEACH

DEPARTMENT OF PUBLIC SERVICES

July 20, 2017

Engineering Comments

SP-002-17 TRU by Hilton

All outstanding issues adequately addressed, subject to the following conditions:

1. Stormwater management calculations including permit from other regulatory agencies (SFWMD, Broward County, etc.) to be submitted at time of building permit application.
2. All necessary offsite water and sewer improvements/upgrades should be included in a Developer's Agreement. Scope of work will be agreed upon meeting with Public Services Department.
3. Provide drawing file (dwg or dgn) disk of the approved site plan in Florida State Plane Coordinate (NAD 83).

For ease of review, please reply to each line comment and reference drawings or backup documents provided.

Plans were reviewed in terms of scope and not in detail. Any signoff and/or approval from City staff shall not prevent the City from requiring correction of errors in the plans where such errors are subsequently found in violation of any law, ordinance, health, safety and welfare of the public, or other design issues. Responsibility for any submitted plans is under the "responsible charge" of the Engineer of Record (FAC 61G15-30).

Tru by Hilton SP-02-17
24 N. Federal Highway & 14 NE 1 Court
Zoning designation = City Center
FLU designation = RAC
PROPOSED 115 room hotel/997s.f. retail
REVIEW COMPLETE BY Corinne Lajoie (954) 924-6805 X 3704
3rd review

5-16-17

Incomplete information was provided. Further review and comment will be conducted by staff after additional information is provided by the applicant. See comments below.

1. **APPLICATION:** Confirm application was properly completed, signed, and proper application fee was paid. The following items are missing from the submittal:

- ~~635-40(A) survey. 2nd time requested.~~
- ~~635-40(B) tree survey. 2nd time requested.~~
- ~~635-40(C) recorded plat and any agreements modifying the plat. 2nd time requested.~~
- 635-40(D) "Draft of any required or proposed restrictive covenants, written sureties, and common area maintenance association documents, including those for the preservation of common open space areas; grants of easements for access, drainage, utilities or other purpose; or other restrictions to be impeded upon the use of the land and buildings." Needed for staff and City Attorney review. 4th TIME REQUESTED.
- ~~635-50 (I) "Locations and dimensions of all existing and proposed ROW and dedications, including ultimate ROW lines, easements, property lines, streets, buildings, water courses and water bodies, pedestrian areas, and other existing physical features in or adjoining the project and their disposition". 2nd time requested.~~
- ~~635-50(J) "The location and dimensions of proposed setback lines." 2nd time requested.~~
- ~~635-50(N) Photometric plan. 2nd time requested.~~
- ~~635-50(T) "All existing and proposed pedestrian walkways and bicycle paths."~~
- ~~635-50(U) "Existing and proposed public transit routes, bus shelter locations and easements for such shelters, and proposed layout of rights-of-way, if necessary" 2nd time requested.~~
- ~~635-50(Y)(3) "Total existing and proposed square footage of building and breakdown by floor, use type, bay or tenant space, and dwelling unit, including required and provided minimum floor areas."~~
- ~~635-50 (Y)(4) "Area devoted to vehicle use areas (roadways, aisles, parking)."~~
- ~~635-50(Y)(10) "Minimum yard setbacks or specific build-to lines required and provided." 2nd time requested.~~
- ~~635-50(Y)(11) "Maximum and minimum (if applicable) required and proposed building height". 2nd time requested.~~

2. ~~PLATTING: Provide letter from Broward County identifying whether this property needs to be platted or replatted. 3rd time requested.~~

3. ~~RIGHT OF WAY: Identify if R-O-W dedication is required. 3rd time requested.~~

4. ~~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. If less than 50 peak hour trips generated then traffic statement required. Must be provided prior to scheduling for public hearing. 3rd time requested.~~

5. ~~VOLUNTARY MOBILITY PROGRAM: Per Section 295: This project may be eligible to participate in the Mobility Program in lieu of providing a traffic study.~~

6. ~~WATER: Identify projected water demand for the project. 3rd time requested.~~

7. ~~IMPACT FEES: Impact fees that will be required for the project were attached with 1st set of comments.~~

8. **SIGNS:** Provide copy of all signs for compliance review. Per Section 505-90(C) provide calculations of total cumulative sign area permitted and total cumulative sign area proposed on drawing. Applicant indicated on Sheet A-300 "All signage to be under separate permit".

- Per Section 505-90(C) identify cumulative sign area permitted and used. 1.5 s.f. of sign area permitted per linear foot of occupant street frontage. The north and south sides of this property are not street frontages, therefore 0 s.f. of sign area is earned. Revise Allowed/Provided accordingly.
- Sheet A-304, identify dimension of address, per Section 505-40(A)(2)(c). "All address signs shall have a minimum 6" and maximum 10" letter height."

- Per Section 505-100(V)(1) one wall sign is permitted per building frontage. This property as 2 frontages, one on the west and one on the east. Therefore the proposed signs on the North and South are not permitted. Revise accordingly 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. 505-180 of the City's LDR's.

VARIANCE VA-81-17

- Provide proposed square footage of proposed signs in sign detail.
- Per Section 505-100(V)(4) "letter height shall not exceed 24"..." Revise accordingly 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. 505-180 of the City's LDR's.

VARIANCE VA-81-17

- Per Section 505-40(O)(5) "Cabinet signs are prohibited, except where constructed of an opaque sign face with translucent cut outs for sign copy such that only the sign copy itself is illuminated and the background is not illuminated." Provide additional detail. Revise accordingly 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. 505-180 of the City's LDR's. The City also has a payment in lieu of parking which requires payment of \$6,500 per parking space not provided on site (\$6,500 X 19 = \$123,500). Must be addressed with next submittal.

- The proximity to the airport will require FAA, BCAD, and FDOT 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. The proximity to the airport will be required FDOT approval. Contact Greg Jones, Airspace and Land Use Manager at 850-414-4502 or at greg.jones@dot.state.fl.us. 3rd time requested.

- PARKING:** It appears the parking calculation for retail is incorrect. Revise accordingly and add dimensions to the retail space on drawing for cross reference. Per Section 265-50(53) retail parking requirement is 1:300 s.f. therefore 4 retail parking spaces (997/300) is required. Revise site plan and parking calculation table accordingly. 2nd time requested.

- Sheet A-101 shows 2 parking spaces at both ends of the drive isle blocks 4 parking spaces each. Remove these 4 parking spaces, as not permitted by code. Revise drawing and parking calculations accordingly.

- Per Section 265 – 120:

- (A) "Up to 10% of the required number of parking spaces for a use may be provided as valet parking..." 95% 100% proposed. Therefore valet use as proposed is not permitted. Revise accordingly 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. The City also has a payment in lieu of parking which requires payment of \$6,500 per parking space not provided on site (\$6,500 X 19 = \$123,500). Must be addressed with next submittal. 2nd time requested.

VARIANCE VA-82-17

- (B) "The approved site plan and an agreement between the city and property owner(s) and approved by the city attorney, shall identify the number and location of parking spaces reserved for valet parking, and shall require that any use of the property for which valet parking is provided in order to satisfy the required number of parking spaces, shall cease immediately if for any reason the valet service is not provided at all times during the operation of the uses for which the parking is provided." 3rd time requested. Provide copy of proposed agreement for staff and City Attorney review.
- (C) "The site plan shall delineate the drop-off area, valet podium, signage, and attendant parking spaces, and provide an adequate number of stacking spaces for the drop-off area without blocking crosswalks or encroaching within rights of way." 3rd time requested.
- (D) "The following limitations shall apply to all valet drop-off areas:
 - (1) "The loading and unloading of vehicles shall only occur in designed drop-off areas." 2nd time requested.
 - (2) "Vehicles in the drop-off area may not impede the travel of any emergency vehicles at any time." 2nd time requested.
 - (3) "Vehicles in drop-off areas may not block pedestrian crosswalks or accessibility ramps at any time." 2nd time requested.

- (E) "The operator must possess a valid city local business tax receipt for a valet service. Each valet must be an employee of the operator and each must possess a valid State of Florida driver license. The operator shall have sufficient valets working at all times to avoid excessive stacking in the valet drop-off area. Excessive stacking shall exist when vehicles stacked for valet drop-off or pick-up extend into any drive aisle and impede the flow of routine traffic." Needed prior to issuance of a building permit. 2nd time requested.

11. ~~LOADING: Identify the number of required and provided loading spaces on site plan. Two loading spaces are identified on Site Plan drawing; only 1 identified as provided in table on Sheet A-040. Revise accordingly.~~

12. **USE:** Hotel is a permitted use with conditions.

13. Principal Arterial Design Standards/Industrial Design Standards. Per Section 510-30:

- ~~(H) glass windows and doors must — 35% of primary elevation; only 26% provided. Identify calculations on plans. Revise accordingly or request an Exception as described in Section 510-20(C). An Exception requires submittal of an application, fee of \$500 and a written justification statement identifying how the criterion identified in Section 510-20(C) are met. 3rd time request.~~

EXCEPTION OT-73-17

- ~~(I) "The coloration of all buildings shall be nature blending with a maximum of 3 colors exclusive of the roof. The use of "earth tone" or light pastel colors is encouraged." 8 colors proposed. Revise accordingly or request an Exception as described in Section 510-20(C). An Exception requires submittal of an application, fee of \$500 and a written justification statement identifying how the criterion identified in Section 510-20(C) are met. 3rd time request.~~

EXCEPTION OT-73-17

14. **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. 4TH TIME REQUESTED.

15. **RAC TRAFFIC IMPACT MITIGATION:** Provide an analysis, signed and sealed by a certified engineer, identifying the amount of RA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of \$21.26 per p.m. peak hour trip. Traffic study provided identifies 81 PM peak hour trips, therefore \$1,722.06 must be paid prior to issuance of a building permit.

16. **Must provide latest revised set of plans on disk prior to going to public hearing.**

17. The applicant is encouraged to contact neighbors adjacent to, as well as condominiums and neighborhood associations located within 300 feet of the development site, to advise of this property. Please provide acknowledgement and/or documentation of any public outreach. 2nd time requested.

18. ~~For any building 5 stories or greater, provide a shadow study identifying how adjacent properties will be affected. 3rd time requested. The label for exhibit 3.A-806 should reflect 5:00pm not noon. Revise accordingly.~~

19. 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. 4TH TIME REQUESTED.

20. ~~Sheets A-200 & A-201 building elevations appear to be mislabeled. Revise accordingly.~~

21. ~~Sheet A-002 cannot read color legend as copy provided was not in color. Revise accordingly.~~

22. ~~Per Section 525-30(G) "Solid walls should not exceed 20' in length without vertical articulations." Each elevation appears to have a flat, unarticulated wall. Revise accordingly or request a Variance or Design Variation. Must address this code provision through redesign, submittal of an application for a variance, or submittal of an application for design variation. A variance request requires submittal of an application, an application fee of \$2,300 for each requested variance, and a written justification statement addressing the variance criteria identified in Sec. 625-40 of the City's~~

LDR's. A design variance request required submittal of an application, an application fee of \$500 for each requested design variation, and a written justification statement addressing the design variation criteria identified in Sec. 301-50(D). Must be addressed with next submittal. 2nd time requested.

23. Per Article 530(B) "The exterior elevation of the parking structure shall be designed to resemble the building elevations of the building it is intended to serve". Revise the north elevation accordingly or request a Variance or Design Variation. Must address this code provision through redesign, submittal of an application for a variance, or submittal of an application for design variation. A variance request requires submittal of an application, an application fee of \$2,300 for each requested variance, and a written justification statement addressing the variance criteria identified in Sec. 625-40 of the City's LDR's. A design variance request required submittal of an application, an application fee of \$500 for each requested design variation, and a written justification statement addressing the design variation criteria identified in Sec. 301-50(D). Must be addressed with next submittal.

24. Per Section 290-50(F) "All receptacles & bulk containers which temporarily store garbage, liquid waste or food from food handling operations including, but not limited to, bakeries, meat processing plants, or any business establishment where it is determined that garbage, liquid waste, or food will be accumulated, shall provide a raised concrete slab, a drain, & clean water facilities for such receptacles and containers and shall be constructed in accordance with the provision of the Florida Building Code." Provide detail to show this requirement has been met.

25. Per Section 290-70(G) and 307-30(B) Dumpster must be set back 25' from any street. Revise accordingly. Identify measurement on Site Plan. Identify dimensions on site plan. 3rd time requested.

26. Per Section 307-30(A) "Landscaping pursuant to Section 275-170 is required to screen dumpsters and mechanical equipment." Revise accordingly.

27. Per Section 307-30 (C) "Dumpsters and their enclosures and loading zones shall be screened from view at the street frontage by a building or screen wall 6' in height with a planter at the street-facing base of the screen wall, provided that the city may require additional screening if necessary to obscure from street view." Must address this code provision through redesign, or submittal of an application for a variance or design variance request. 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. A design variation required submittal of an application, an application fee of \$500 for each request, and a written justifications statement addressing the design variation criteria identified in Sec. 301-50. Must be addressed with next submittal. 4th TIME REQUESTED.

28. Dumpster detail #8/A-041 provided on Sheet A-041 does not identify height. Revise accordingly. 3rd time requested.

29. Per Section 520-40(A & B) identify what method of architectural articulation is being used to satisfy these requirements. Identify depth of the canopy overhang at ground level on west elevation. 2nd time requested.

30. Per Section 520-50(E)(3) & 303-40(M) interior shopfront shall have minimum 30' depth. Provide measurement on site plan. 3rd time requested.

DESIGN VARIATION OT-80-17

31. Sheet A-040 provide detail of decorative galvanized fence, must meet the requirement of Section 309-40. 2nd time requested. 3rd time requested.

32. Sheet A-040, Hotel Site Project Data Table, correct "Adjacent Zoning" to be City Center to the north, south, east and west, NBHD-RES/MA/C-3 shown. 4TH TIME REQUESTED.

33. Sheet A-040, Project Data Table, correct "Current Use" as property is not vacant, a building exists with 2 tenants + residential. Revise accordingly. 3rd time requested.

34. Sheet A-100 identifies parking spaces #1-10, Sheet A-101 identifies #12-50 & #13 twice. Revise to show space #11 and only 1 #13.

35. Per Section 303-40(E) City Center core, "Mixed-use building with ground floor retails, entertainment and/or office uses are required in the core. ENTIRE FRONTAGE???"

36. Per Section 306-10(C) "all surface parking lots in the rear yard shall be designed for connection to existing or future parking lots on abutting properties on the same side of the block and on both sides of the block if there is not alley..." Identify how this regulation is being met.

37. Per Section 306-20 & 309-10(C) must dedicate, construct and provide on-street parking along the property frontage on NE 1 Avenue in conformance with the street sections in the approved CRA Redevelopment Plan, (see attached drawings). Identify improvement details on plans or provide Payment In Lieu pursuant to Section 309-10(D). Revise accordingly or request a design variation. 3rd time requested.

DESIGN VARIATION OT-77-17

38. Per Section 306-30(C) identify how loading area is screened from street view.
39. Per Section 307-20 identify proposed street trees for NE 1st Avenue and how this Section requirements are being met. See landscape consultant for further discussion. 2nd time requested.
40. Per Section 525-20(C) "Building facades facing streets or pedestrian spaces shall incorporate appropriate architectural features to enhance the aesthetic environment. These features must conform to the chosen style of the building, and must include cornice detailing, ornamentation, moldings, changes in materials and textures, color variations and other architectural sculpting that enhances the ground level and adds interest and appeal to the building's exterior." Identify how this requirement is being met. 3rd time requested.
41. Per Section 525-20(H) "Where possible, rooftops should be designed to accommodate various forms of human activity such as sub decks, tennis courts, gardens, outdoor cafes, etc. Roof surfaces not allocated to human activity should be finished with a surface material that does not affect the quality of views from surrounding buildings or site lines from taller buildings should be directed away from unsightly rooftops. Rooftops designed to hold top soil and landscape planting (green roofs) are encouraged." Identify how this provision is being met. 3rd time requested.
42. Provide survey with center line of adjacent ROWs identified to determine if dedication is needed for roadway expansion. 3rd time requested.
43. Per Section 303-40(L) Building Placement — Shopfront, identify required building placement standards and provided building placement in table and identify measurement on site plan drawing. 3rd time requested.

DESIGN VARIATION OT-80-17

44. Per Section 303-40(M) & 520-50(E)(3) min. depth of 1st layer = 30'. Identify required and provided in table and provide measure on site plan drawing. Sheet A-040 identifies 24' 5 1/4". Revise accordingly or request a Design Variation. 3rd time requested.

DESIGN VARIATION OT-80-17

45. Per Section 303-40 (N) identify minimum lot width and depth required and provided in table. 3rd time requested.
46. Per Section 303-40(Q) & Figure 303-10 identify in table permitted and proposed building height. 3rd time requested.
47. Per Figure 303-10 the building located within 30' of the east property line has a maximum permitted height of 3 stories, 35' & up to an addition 3 stories, 35' with the use of incentives. In this area the building appears to be 7 stories, 76'. Revise accordingly or request a variance. 3rd time requested.

VARIANCE VA-83-17

48. Per Section 265-110 (C)(3) parking aisle shall be at least 24' wide, identify measurement on site plan. Only 15' provided for off-site parking/storage site. Revise accordingly or request a variance. 4TH TIME REQUESTED.
49. Per Section 265-110(C)(6) "When a row of parking stalls is immediately adjacent to a driveway a minimum stacking area of 25' is required between the property line and the entrance to the first stall". Revise accordingly.
50. Per Section 265-140(B) "No column shall be located with 3' of the entrance of a parking space." Provide measurement on site plan. Identify measurement on plans. 2nd time requested.
51. Per Section 265-140(D) "The maximum ramp grades for driveway access to above ground or below grade parking are 12% for ramps not accessing parking spaces, 6% for ramps accessing 90 degree parking spaces and 5% for ramps accessing angled parking." Revise accordingly.
52. Per Section 265-170(E) minimum access width dimension at the street for 2-way traffic is a minimum of 25'. Provide dimension on site plan for off-site parking/storage site as well. 4th TIME REQUESTED.

53. ~~Per Section 270-50 loading spaces shall be screened from the street or public ROW. Identify how requirement is being met on plans.~~

54. ~~Per Section 265-140(C) 2.5' between parking spaces and wall is required. Provide measurement on site plan. 2nd time requested.~~

55. ~~Per Section 530(A)(1) "A sight block of at least 50% solidity for the total areas between deck levels, such sight blockage to be determined by elevation. A solid wall for 50% of the distance between deck levels is not acceptable." Show how this regulation had been met on plans. 2nd time requested.~~

56. ~~Per Section 530(A)(2) "Plantings such as tall palm trees along the façade are also required, in addition to required street trees". Identify how this requirement is being met on the plans. See landscape consultant for further discussion. 2nd time requested.~~

57. ~~Must identify building frontage type to determine required building placement. Identify on plans. 3rd time requested.~~

58. It appears that building frontage type is "Shopfront". Per Section 311-20(E) shopfront must have the following:

- ~~1. "The shopfront type is conventional for retail use, and required a minimum of 70% translucent glazing on the ground floor, with the window bottoms no higher than 2' above the sidewalk." Provide calculations.~~

DESIGN VARIATION OT-79-17

- ~~2. "Shopfront stores entrances should be recessed, not flush, with the edge of the building façade, to provide shelter for persons entering and existing, to articulate the façade, and to provide maximum window display area at the entrance."~~
- ~~3. Street frontage facades shall have entryways at reasonable intervals, typically no more than 50' apart. Ground level facades that face the street shall be designed with entrances, windows, display windows or other display devices."~~
- ~~4. Shopfronts and modified shop fronts must be combined with one of the following elements:~~
 - ~~o Gallery roofs~~
 - ~~o Awnings~~
 - ~~o Arcades.~~

Identify how project meets these requirements. 3rd time requested.

59. ~~Identify how Article 309 is being met.~~

- ~~• Provide detail of street furniture proposed.~~
- ~~• Identify location of street furniture on site plan.~~
- ~~• Provide detail and location on site plan of on street parking.~~

~~Benches, pavers, and trash cans proposed are not located in public ROW as code intended. Revise or identify Payment In Lieu will be utilized. 3rd time requested.~~

~~Payment in Lieu must be paid prior to issuance of a building permit.~~

60. ~~Applicant must obtain statement from Ronnie Navarro, City Engineer, stating that adequate water supply exists for this project.~~

61. 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.

62. 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.

63. ~~Provide details for all walls and fences proposed, including dimensions, material, color and construction. 2nd time requested.~~

64. ~~Per Section 303-40(M) 70% of lot width must have building façade on the Build to Line. Provide dimensions and calculations on site plan. 2nd time requested.~~

DESIGN VARIATION OT-80-17

65. ~~Remove surveyor's notes from site plan on Sheet A-040.~~

66. Sheet A-301, note #14 is pointing to entrance canopy, but Key Notes states "14' perforated multi-colored metal panels." Revise accordingly. 2nd time requested.
67. Provide a unity of title to combine lots 9, 10, 13, & 14, as well as lots 1, 2, & 3 of Block 5. 2nd time requested.
68. Must identify how the provisions of Section 265-80, entitled "Off-site parking facilities" are being met.
69. PROPOSED STRUCTURED PARKING/OUTDOOR STORAGE:
- Per Section 265-140 – Structured parking proposed in NE 1st Court must provide the following:
 - (A) "Structured parking in the CRA form-based districts. See article 530 (Design Standards for Parking Structures) and the district regulations of article 303 (CRA Form-Based District Regulations) for liner building and screening requirements."
 - Per Section 530, Parking Structure Design, must provide the following:
 - (A)(2) "Plantings such as tall palm trees along the façade are also required, in addition to required street trees. Plantings may function as accents when architectural solutions for disguising or minimizing the visual appearance of a parking structure are employed, while insufficient architectural solutions require plantings to serve a screening function."
 - (B) "The exterior elevations of the parking structure shall be designed to resemble the building elevations of the building it is intended to serve."
 - (D)(1) "Appearance and architectural treatments to minimize visual impacts, including the use of false facades, liner buildings, or opaque or substantially opaque screening along the perimeter of such structures to conceal parked vehicles from public view."
 - (D)(2) "Effectiveness of landscaping proposed for the top and sides of the structure at reducing the perception of bulk, enhancing the façade, screening the view of parked cars and internal views of the structure; and tying in with other landscape materials used on site to the extent applicable."
 - (D)(3) "Effectiveness of landscaping, screening and buffering from adjacent single-family and duplex residential zoning districts and uses."
 - (D)(4) "Lighting"
 - (D)(5) "Compatibility with adjacent structures, including mass and bulk of structures."
 - (D)(6) "Vehicular and pedestrian orientation and circulation."
 - (D)(7) "Safety and convenience of ingress and egress."
 - Per Section 303-60(E) Parking and Loading. Parking is permitted only in the 2nd layer (first 30' from street). See Figure 303-16. Therefore, the proposed structured parking/outdoor storage is not permitted.
 - Per Section 306-30(B) "No loading space or outdoor storage shall be permitted within 50' of a neighborhood residential district boundary..." The proposed structured parking/outdoor storage, as proposed, is immediately adjacent adjacent neighborhood residential zoning district to the northeast. Therefore, the proposed structured parking/outdoor storage use is not permitted.
 - Per Section 265-110(2) "Two-way directional & 2-lane, one-way directional movement require a minimum aisle of 24' regardless of parking angle." Therefore, cannot park vehicles within 24' aisle. Revise accordingly.
 - Per Section 265-110(5) "All required parking stalls shall have direct and unobstructed access from a parking aisle." Therefore, cannot park vehicles within 24' aisle. Revise accordingly.

NOTES:

- **Application fee pays for only 2 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 with 1st set of comments.

Lajoie, Corinne

From: Navarro, Ronnie
Sent: Friday, October 06, 2017 4:29 PM
To: Lajoie, Corinne
Cc: LaFerrier, Marc; Nectaria Chakas; Gilberto Sanchez (gilberto@ad1global.com); Kaine, Brad; Pollard, Antoine; Joaquin@traftech.biz
Subject: Tru by Hilton Hotel Traffic Impact Study

Hi Corinne,

The required traffic impact study for the above-cited subject project as prepared by Joaquin E. Vargas, PE of Traf Tech Engineering, Inc for AD1 Whosale, LLC is deemed complete and accepted.

Please note that traffic analyses indicate that with or without this project the intersection of Federal Highway and Dania Beach Boulevard will continue to operate at deficient level of service due to the intersection's current configuration and other factors.

Thank you

Ronnie S. Navarro, PE
Deputy Director | City Engineer



Public Services Department | City of Dania Beach
1201 Stirling Road | Dania Beach FL 33004
Office 954-924-6808 ext 3615 | Fax 954-923-1109
rnavarro@daniabeachfl.gov

Please note: Florida has a very broad public records law. Most written communications to or from City Officials regarding City business are public records available to the public and media upon request. Your e-mail communications may therefore be subject to public disclosure

From: Lajoie, Corinne
Sent: Friday, October 06, 2017 3:28 PM
To: Nectaria Chakas
Cc: LaFerrier, Marc; Navarro, Ronnie
Subject: Tru Hotel
Importance: High

One of the DRC comments is as follows:

"Must obtain a statement from the City Engineer saying that the traffic study/easement submitted by the applicant is complete and accepted prior to public hearing. 4 TIME REQUESTED"

We cannot go to public hearing until we received this statement from the City Engineer.

Corinne Lajoie, AICP, LEED GA
Planning and Zoning Manager
City of Dania Beach, FL



1955 Harrison St. Suite 200, Hollywood, FL 33020 Phone (954) 434 5001, Fax (954) 922 4006

July, 3th 2017

**RE: TRU by Hilton Dania Beach
Schedules Deliveries and Trash Removals**

City of Dania

In reference to all the scheduled deliveries and trash removals for the Tru at Dania Beach.

AD1 Global as the approved hotel operator and manager see no conflict with the scheduling and coordination of such tasks and will work closely with the city and vendors to ensure a seamless day to day operation.

Please feel free to contact me directly should you have any questions at 954 434 5001

Respectfully

**AD1 Management Inc
AD1 Global**

A handwritten signature in blue ink, appearing to read "Gilberto Sanchez", with a checkmark at the end.

Gilberto Sanchez
COO/Project Engineer

FILE COPY





write us Tru by Hilton 755 Crossover Lane Memphis, TN 38117-4900 phone us 901.374.5000 fax us 901.374.5800

5/16/2017

RE: APPROVAL OF MANAGEMENT COMPANY

Tru by Hilton Ft. Lauderdale Aiport (the "Hotel")
434 Providence Highway (Rt. 1) Norwood MA United States 020624
Property Code: FLLFT
Facility ID: 52637

Dear Alex,

We are pleased to advise you that as of the date hereof, the appointment of AD 1 Management Inc as the management company ("**Management Company**") to operate the Hotel is hereby approved by the undersigned licensor entity ("**Licensor**"), subject to the terms of the Franchise License Agreement relating to the Hotel ("**License Agreement**"). Licensor also consents to you entering into a management agreement with the Management Company.

This approval is contingent upon the following:

Attendance at Owner's Orientation within 6-months of today

This two-day workshop, hosted in Memphis is required for all new owners to Hilton. Please use this site to register:
<http://hilton.ownersaccess.com/ownerorientation>

Attendance at Leader of Leaders Workshop within 12-months of today

This two-day workshop, hosted in Memphis, will introduce the tools and resources offered by Hilton Worldwide. The registration site for the workshop is: <http://hilton.ownersaccess.com/leadersofleaders>

Please note that this approval is not to be considered an endorsement of the Management Company by Licensor or its affiliates and may be revoked at any time by Licensor for failure by the Management Company to comply with the terms of the License Agreement or the applicable standards and manuals relating to the operation of the Hotel under the licensed brand name.

Please feel free to contact me directly should you have any questions at 901-374-5112.

Respectfully,
TRU FRANCHISE, LLC

Kevin Morgan
Director, Brand Performance Support
Hilton Worldwide



FILE COPY





PROFESSIONAL PROFILE – NEWTOWN ADVISORS

Mr. Valera is the Chief Executive Officer of NewTown Advisors, LLC., a consultancy firm specializing in long-term growth strategies and increasing market penetration in the parking, transportation, and mobility sectors. With a demonstrated ability to establish and grow vertical markets in the public and private sector along with an extensive national network of contacts and relationships, the firm adds value and depth to its partners and clients. He has a background in the parking, transportation, and mobility industry that extends over 28 years, including 11 years as a public administrator. Mr. Valera has been a transformational industry leader, results-oriented professional with proven success in developing market segments and profit growth. He has been a critical thinker and adept negotiator who can apply extensive knowledge of industry trends, institutional and private sector contacts to develop business relations and growth opportunities. His focus included implementing latest industry trends and practices, led a successful Public Private Partnership (P3) infrastructure corporate wide effort while managing and establishing relationships with infrastructure capital sources. Mr. Valera has consistently been promoted to positions of increased responsibility and influential value. He is bilingual with fluency in Spanish.



He has served as a Senior Vice President for SP Plus Corporation. He was the business leader tasked with guiding the company's national growth for the Municipal and Institutional Services verticals, specializing in best-in-class solutions for managing parking capacity, technology integration, payment collections, enforcement procedures, shuttle services, special event requirements, electronic reporting and maintenance of parking locations. In addition, he led the company's P3 (Public Parking Partnership) effort in the municipal and institutional markets.

Prior to joining SP+/Standard Parking, Mr. Valera served as a Vice President/Managing Principal of Timothy Haahs and Associates, where he supervised the firm's Florida operations, including project financial management and business development. Mr. Valera also served as the Miami Parking Authority's Deputy Executive Director. He supervised all on-street and off-street operations and planning and development directives. He was also charged with the Authority's comprehensive development program, including managing capital construction projects.

Mr. Valera has also served as the Associate Director of Professional Development for the International Parking Institute, where he handled the training and development programs for the association on a nationwide level.

Mr. Valera is a CAPP, a certification sponsored by the International Parking Institute in collaboration with the University of Virginia in Charlottesville, VA. He currently serves as the chair of the board of directors of the International Parking Institute. He was recognized in 2013 as the first recipient of the James Hunnicutt's Parking Professional of the Year. The award recognizes an individual's contribution to the advancement of the parking industry. He also received the 2012 International Parking Institute Chairman's Award in recognition of his contribution to the association.

FILE COPY



40 NW Third Street Suite 1102
Miami, FL 33128
p: 954.559.1744
e: roamy@newtownadvisors.net

July 25th, 2017

Samy Cohen
Dania Airport Hotel, LLC
1955 Harrison Street
Hollywood, FL 33020

Re: Tru By Hilton Dania Beach

This letter is to confirm that I have reviewed the proposed surface lot layout for the above referenced project. As a professional in the industry with over 28 years of operational experience, the parking layout far exceeds what is the norm as an industry standard for a "valet only" storage facility. This design meets operational qualifications with the lane widths proposed, since it easily allows for single stacking while maintaining functional flow within the surface lot. Further, the parking stall widths far exceed a typical "valet only" lot of approximately 8'-0".

The design is common place in cities like Miami Beach, Miami and Fort Lauderdale all of which allow for "valet only" storage to occur off-site with adjusted traffic lanes widths and stall sizes in order to accommodate the hotel parking demand. It is my professional opinion the proposed valet staging area, on site and off-site parking proposed is more than sufficient and adequate to meet this project's operational demand and needs.

I trust the information provided is useful and can be of help for the consideration of the approval of the project. If you have any additional questions/comments, please do not hesitate to reach out.

Sincerely,

Roamy R. Valera
Chief Executive Office
Newtown Advisors, LLC



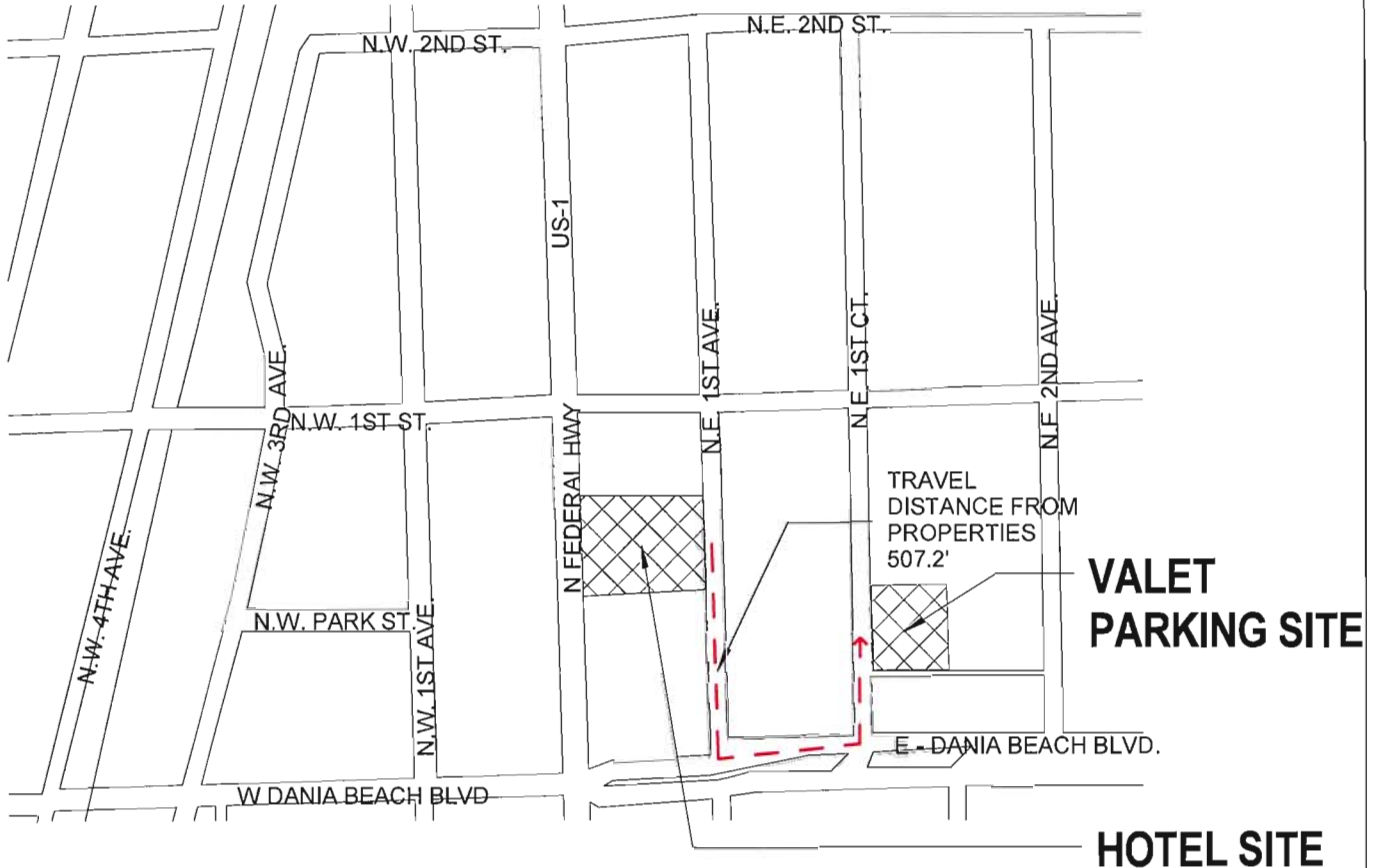
FILE COPY

Sec. 265-80. - Off-site parking facilities.

(A) All required parking spaces for nonresidential uses that are not provided on the same lot as the use(s) requiring such parking shall comply with the following criteria:

(1) The off-site parking area shall be located within one thousand four hundred (1,400) feet of the lot for which the parking is required in the CC, EDBB and SFED-MU districts, and within five hundred (500) feet of the lot for which the parking is required in all other districts, measured as the shortest distance as traveled by a pedestrian. Appropriate directional signage shall be provided to advise patrons of the off-site parking and to reserve the off-site parking for the building or use it serves.

(2) Perimeter landscaping shall be provided pursuant to the requirements of section 275-110.



LOCATION PLAN

DANIA BEACH FLORIDA

dlw
architects
542 Douglas Avenue
Dunedin, FL 34698
727.736.6000
www.dlwarchitects.com
established 1981

TRU BY HILTON
DANIA BEACH

PROPERTY DISTANCES

Project number	16-0028	SK-1
Date	07/10/17	
Drawn by	Author	
Checked by	Checker	
Scale		1" = 200'-0"



Broward Sheriff's Office
Department of Fire Rescue & Emergency Services
Fire Prevention Bureau
Dania Beach District
103 West Dania Beach Blvd. • Dania Beach, Florida 33004
Office: (954)342-4262 Fax: (954)342-4265

FLOW TEST MEMO/EMAIL

To: Scott Ellsworth- 561-279-1032/ scott@linetechinc.com
For property: Tru Hotel by Hilton
NE 1 Avenue and Dania Beach Blvd. (northeast corner)

From: Lisa Muggeo
Administrative Specialist II

Cc: BC Sean Brown
Lt. Dan Suarez

Date: March 1, 2017

Subject: **HYDRANT FLOW PRESSURE TEST**
Confirming this appointment for date at [] 9:00 a.m. or [] 1:30 p.m., for ;Permit No. [if issued].

This is your sample memo for two qualified persons, either engineer or sprinkler professional, to perform a Hydrant Flow Test at the following location* in Dania Beach, FL.

Tru Hotel by Hilton- NE 1 Avenue and Dania Beach Blvd.

A Dania Beach District fire inspector will be present to witness the test. (a) Flow test specifications calculation results will be submitted to Dania Beach District, Fire Marshal's Office for review-approval. (b) The \$100 fee must be "paid in advance" to the City Cashier, (954) 924-6800 #3661, payable to the "City of Dania Beach" and a copy of the paid receipt provided to our office. Once that has been provided to our office, we will send you another memo with the scheduled date and time.

NOTE: (c) Broward County 2005 Amendments F-22.1(g) requirement—to monitor, document, and provide flow results of static pressure for a 24-hour period one day prior to flow test appointment above by the same company or their designated agent. ... Thank you for your cooperation.

FILE COPY

PAYMENT DATE

03/02/2017

COLLECTION STATION

City Hall Window 2

RECEIVED FROM

Scott Ellsworth/ Don Shaver

DESCRIPTION

Tru Hotel By Hilton NE 1st Ave and Dania Beach Blvd (Northeast corner)

City of Dania Beach
100 W. Dania Beach Blvd.
Dania Beach, FL 33004

BATCH NO.

2017-06000449

RECEIPT NO.

2017-00021790

CASHIER

fincashier2

PAYMENT CODE	RECEIPT DESCRIPTION		TRANSACTION AMOUNT
HFT	Hydrant Flow Test Tru Hotel By Hilton- Fire Flow		\$100.00
Payments:	Type	Detail	Amount
	Check	22509	\$100.00
Total Amount:			\$100.00

Customer Copy



Fire Hydrant Inspection Report

241 NW 18th Ave Delray Beach, FL 33444 O 561-274-1032 F 561-279-1044 info@linetecinc.com

Craven Thompson & Associates

Audit Date: 3/16/2017 Hyd #: _____ Line Tec ID: 93 Inspected By: Scott

Address: _____ Street Name: NE 1st Ave and E Dania Beach Blvd

Cross Street: _____ City: Dania Beach

Location: NE corner of NE 1st Ave and E Dania Beach Blvd

Manufacturer Dresser Model: 300 Hyd Year: 1967 Pumper Height: 19"

Hyd Type: Trafficq Main Valve Size: 4-1/2" Static/Pressure: 47 GPM: 1069

Existing Road Marker: No Installed Road Marker: No Installed New Hyd Tag: No

Hyd Needs to be Painted: Yes Painted: No Pumper Nozzle Sizes: 4.5 2.5 2.5

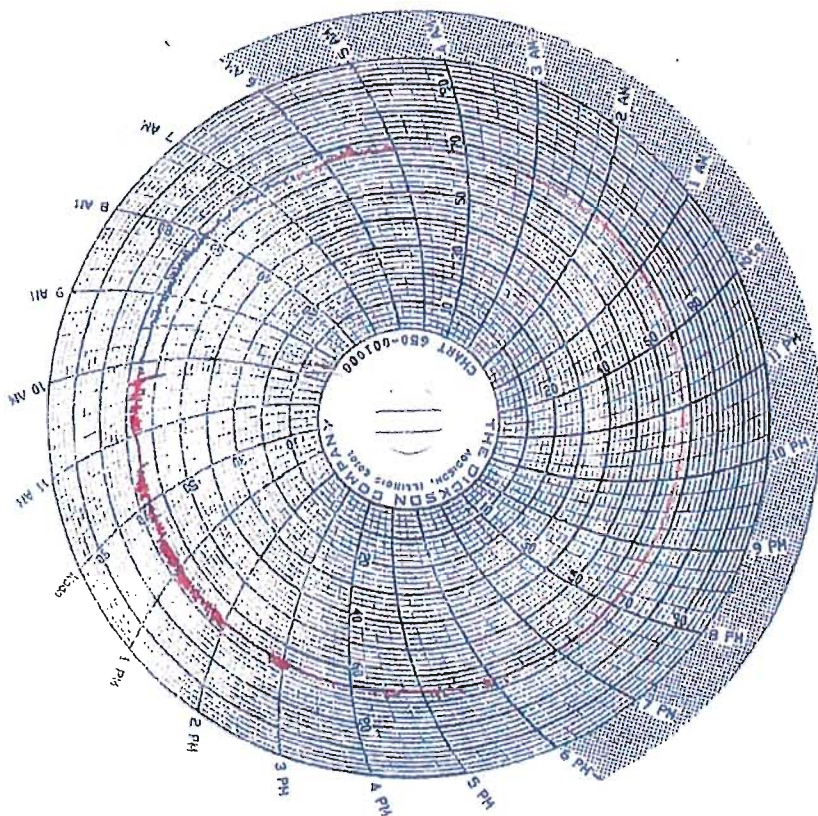
Operating Nut: Pentagon Existing ISO Valve: No IOS Valve Direction: _____

Feet Away: _____ Turns To Close: _____ ISO Valve Size: _____

ISO Valve Remarks: Unable to locate hydrant iso valve.

Hydrant Out Of Service: Yes Hyd Residual: 46

Comments: Hydrant Residual was taken for hydrant at 205 E Dania Beach Blvd 46 psi. Note: Hydrant broke in the open position and is out-of-service. Also 2-1/2" hydrant cap was missing prior to hydrant testing.



Test completed
3/16/17 @ 9:00 - 3/17/17 @ 9:15
Address
Dania Beach Blvd & NE 1 Avenue
NE Corner
Hydroot



Plat Determination Letter
(Hotel Site)
P&Z DRC comment #2

July 10, 2017

Andrew Schein, Esq.
Lochrie and Chakas, P.A.
1401 East Broward Boulevard, Suite 303
Fort Lauderdale, Florida 33301



Dear Mr. Schein:

Re: Platting requirements for a parcel legally described as Lots 9-14, Block 12, "Town of Modelo," according to the plat thereof, as recorded in Plat Book B, Page 49, of the Public Records of Miami-Dade County, said lands situate, lying and being in Broward County, Florida, less a portion of said lots for right-of-way purposes. This parcel is generally located on the east side of Federal Highway, between Dania Beach Boulevard and Northeast 1 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 Policy 2.13.1, of the Broward County Land Use Plan for the proposed development, subject to compliance with any applicable Broward County Trafficways Plan requirement.

As per Policy 2.13.1, 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 10 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 10 acres (approximately 0.64 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.

Andrew Schein

July 10, 2017

Page Two

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 Pete Schwarz, Planning Section Supervisor, at your convenience.

Respectfully,



Barbara Blake Boy
Executive Director

BBB:PMS

cc: Robert Baldwin, City Manager
City of Dania Beach

Marc LaFerrier, AICP, Director, Community Development Department
City of Dania Beach





Plat Determination Letter
(Offsite Parking Lot Site)
P&Z DRC comment #2

July 10, 2017

Andrew Schein, Esq.
Lochrie and Chakas, P.A.
1401 East Broward Boulevard, Suite 303
Fort Lauderdale, Florida 33301



Dear Mr. Schein:

Re: Platting requirements for a parcel legally described as Lots 1-3, Block 5, "Beachway," according to the plat thereof, as recorded in Plat Book 8, Page 33, of the Public Records of Broward County, Florida. This parcel is generally located on the east side of Northeast 1 Court, between Dania Beach Boulevard and Northeast 1 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.

You have indicated that the current proposal consists of the construction of a fenced parking lot, and that no other construction is contemplated.

Based on this information, Planning Council staff has determined that re-platting would **not** be required by Policy 2.13.1 of the Broward County Land Use Plan, since the proposed development of a fenced parking lot would not constitute a "principal building," pursuant to the guidelines of the Administrative Rules Document: Broward County Land Use Plan.

Further, Planning Council staff has determined that replatting is **not** required by Policy 2.13.1, of the Broward County Land Use Plan for the proposed development, subject to compliance with any applicable Broward County Trafficways Plan requirement.

As per Policy 2.13.1, 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 10 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.

Andrew Schein

July 10, 2017

Page Two

The subject parcel is less than 10 acres (approximately 0.47 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.

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 Pete Schwarz, Planning Section Supervisor, at your convenience.

Respectfully,



Barbara Blake Boy
Executive Director

BBB:PMS

cc: Robert Baldwin, City Manager
City of Dania Beach

Marc LaFerrier, AICP, Director, Community Development Department
City of Dania Beach





1401 EAST BROWARD BOULEVARD, SUITE 303
FORT LAUDERDALE, FLORIDA 33301
DIRECT DIAL: 954.779.1123
EMAIL: NCHAKAS@LOCHRIELAW.COM
MAIN PHONE: 954.779.1119
FAX: 954.779.1117

August 10, 2017

VIA FEDEX

Corinne Lajoie, AICP, LEED GA
Planning and Zoning Manager
City of Dania Beach
100 W Dania Beach Blvd
Dania Beach, FL 33004

RE: Tru Hotel – Site Plan Application

Dear Ms. Lajoie:

Enclosed please find the original Site Plan Application for Tru Hotel.

Should you have any questions, please feel free to contact me.

Very truly yours,

A handwritten signature in black ink that reads "Nectaria Chakas". The signature is fluid and cursive.

Nectaria M. Chakas

NMC/sa
Enclosure



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: _____

Date Rec'd: _____

Petition No.: _____

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY 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.**

Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 Home: _____ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac Hotel Site: 115 hotel rooms
Prop. Net Acreage: Parking: 0.47 ac Gross Acreage: _____ Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant
Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by 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 Lochrie & Chakas, P.A. (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

DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

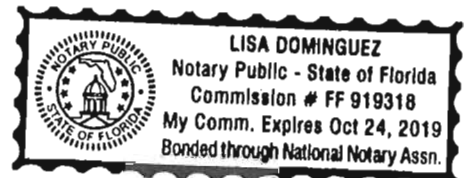
BEFORE ME THIS 5th DAY OF July, 20 17

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~XXXXXX owner signature if applicable XXXX~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X 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.***

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

DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

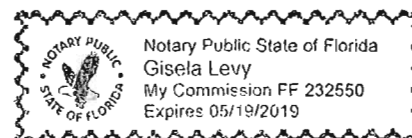
BEFORE ME THIS 5 DAY OF July, 20 17

By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Florida)



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).**

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BEFORE PROCESSING OCCURS.***

Is property owned individually, by a corporation, association, or a joint venture? LLC

AUTHORIZED REPRESENTATIVE

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COUNTY OF BROWARD
The foregoing instrument
was acknowledged

DANIA AIRPORT HOTELS, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

BEFORE ME THIS 5 DAY OF July, 20 17

By:

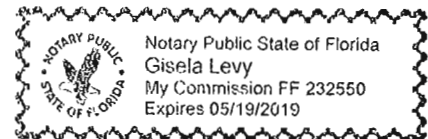
Gisela Levy

(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]

(Signature of Notary Public – State of fla)



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).**

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***ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF
BEFORE PROCESSING OCCURS.***

FOLIO NAME_LINE_1

1. 504234011790 DANIA AIRPORT HOTELS LLC
2. 504234120150 AQUINO,JUAN T &
3. 504234011810 DANIA BEACH INVEST LLC
4. 504234120130 DANIA AIRPORT HOTELS 2 LLC
5. 504234120140 DANIA AIRPORT HOTELS 2 LLC

THIS INSTRUMENT PREPARED BY
AND RETURN TO:
Rebecca S. Trinkler, Esq.
Buchanan Ingersoll, P.C.
19195 Biscayne Boulevard, Suite 606
Aventura, Florida 33180

INSTR # 101128953
OR BK 31765 PG 0455

RECORDED 06/26/2001 09:17 AM
COMMISSION
BROWARD COUNTY
DOC STMP-D 2,205.00
DEPUTY CLERK 1012

WARRANTY DEED

THIS DEED, made this 15TH day of June, 2001, between **PALL MALL PROPERTY, INC.,** a Florida corporation, whose mailing address is c/o Steven M. Stampler, 915 N. North Lake Drive, Hollywood, Florida 33019-1112 (the "Grantor") and **DANIA BEACH INVESTMENTS, LLC,** a Florida limited liability company, whose mailing address is c/o P.O. Box 1814, Dania Beach, Florida 33004 (the "Grantee").

WITNESSETH, that said Grantor, for and in consideration of the sum of TEN AND NO/100 (\$10) DOLLARS and other good and valuable consideration to said Grantor in hand paid by said Grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said Grantee, and Grantee's successors, administrators and assigns forever, the following described lands, situate, lying and being in Broward County, Florida, to-wit:

Lots 13 and 14, Block 12, Town of Modelo (now DANIA BEACH), according to the Plat thereof recorded in Plat Book B, at Page 49, of the Public Records of Dade County, Florida; Said lands situate, lying and being in Broward County, Florida, LESS the West 24 feet of said Lot 14 which has been heretofore conveyed to the State of Florida for highway purposes.

PROPERTY TAX IDENTIFICATION NO.: 50-42-34-01-1810

SUBJECT TO:

1. Taxes and assessments for the year 2001, and subsequent years;
2. Applicable zoning and/or restrictions and regulations imposed by governmental authorities;
3. Covenants, conditions, easements, restrictions, limitations, reservations, dedications and other matters of record, without intending to reimpose the same; and

TOGETHER with all the tenements, hereditaments and appurtenances thereto belonging or in any way appertaining.

TO HAVE AND TO HOLD the same in fee simple forever.



06/13/2001 20:48 9547760970

COASTAL CONSULTING

PAGE 02

Sent By: ;

1234567;

Jun-13-01 4:44PM;

Page 2/3

**WRITTEN CONSENT OF ALL THE DIRECTORS AND ALL THE SHAREHOLDERS OF
FALL MALL PROPERTY, INC., A FLORIDA CORPORATION**

The undersigned, being all the Directors and all the Shareholders of FALL MALL PROPERTY, INC., a Florida corporation (the "Corporation"), hereby consent in writing to the adoption of the following preambles and resolutions as of the 25th day of April, 2001.

WHEREAS, the Directors and Shareholders of the Corporation have determined that it would be in the best interest of the Corporation for Steven M. Stamper to serve as President of the Corporation and as the authorized agent of the Corporation, for the purposes set forth herein; and

WHEREAS, the Directors and Shareholders of the Corporation have notified and recommended to one another, in accordance with 607.0705 and 607.1202, Florida Statutes, that the Corporation sell, lease, exchange or otherwise dispose of all, or substantially all, of its property, otherwise than in the usual and regular course of business, on the terms and conditions and for the consideration determined by the Directors, and

WHEREAS, the Directors and Shareholders of the Corporation have reviewed the proposed contract for and negotiated on behalf of the Corporation for the sale by the Corporation of the Real Property to Dania Beach Emporium, and/or assigns; and

WHEREAS, the Directors and Shareholders of the Corporation have determined that it is in the best interest of the Corporation to approve the Commercial Contract for Sale and Purchase of Real Property dated as of April 29, 2001 (the "Contract") by and among the Corporation and Dania Beach Emporium, and/or assigns, as assigned to Dania Beach Investments, LLC, a Florida limited liability company (the "Buyer") for the sale of that certain Real Property located at 28 North Federal Highway, Dania Beach, Florida (the "Real Property"); and

WHEREAS, the Directors and Shareholders of the Corporation desire to authorize and approve the transactions to be carried out pursuant to the Contract and the execution and delivery by the Corporation of the Contract and all documents in connection therewith; and

WHEREAS, the subject Real Property described in the Contract does constitute all or substantially all of the assets of the Corporation and the proposed sale of the subject Real Property is not in its usual and regular course of business; and

WHEREAS, all capitalized terms used in this Written Consent and not otherwise defined herein shall have the meanings ascribed to them in the Contract.

NOW, THEREFORE, BE IT RESOLVED, that all the Directors and Shareholders of the Corporation hereby appoint Steven M. Stamper to serve as President of the Corporation and for Steven M. Stamper to continue to serve in such official capacity in accordance with the bylaws of the Corporation and Florida Statutes.

FURTHER RESOLVED, that the Corporation be, and hereby is, authorized to enter into the Contract; and further that the form, terms and provisions of the Contract are hereby adopted and approved substantially in the form previously submitted to the Directors of the Corporation with such changes, amendments, supplements, renewals and replacements as the Directors shall in their discretion deem necessary or advisable and in the best interests of the Corporation;

OR BK 31765 PG 0459

**WRITTEN CONSENT OF ALL THE DIRECTORS AND ALL THE SHAREHOLDERS OF
PALL MALL PROPERTY, INC., A FLORIDA CORPORATION**

The undersigned, being all the Directors and all the Shareholders of PALL MALL PROPERTY, INC., a Florida corporation (the "Corporation"), hereby consent in writing to the adoption of the following preambles and resolutions as of the 25th day of April, 2001.

WHEREAS, the Directors and Shareholders of the Corporation have determined that it would be in the best interest of the Corporation for Steven M. Stampler to serve as President of the Corporation and as the authorized agent of the Corporation, for the purposes set forth herein; and

WHEREAS, the Directors and Shareholders of the Corporation have notified and recommended to one another, in accordance with 607.0705 and 607.1202, Florida Statutes, that the Corporation sell, lease, exchange or otherwise dispose of all, or substantially all, of its property, otherwise than in the usual and regular course of business, on the terms and conditions and for the consideration determined by the Directors, and

WHEREAS, the Directors and Shareholders of the Corporation have reviewed the proposed contract for and negotiated on behalf of the Corporation for the sale by the Corporation of the Real Property to Dania Beach Emporium, and/or assigns; and

WHEREAS, the Directors and Shareholders of the Corporation have determined that it is in the best interest of the Corporation to approve the Commercial Contract for Sale and Purchase of Real Property dated as of April 29, 2001 (the "Contract") by and among the Corporation and Dania Beach Emporium, and/or assigns, as assigned to Dania Beach Investments, LLC, a Florida limited liability company (the "Buyer") for the sale of that certain Real Property located at 28 North Federal Highway, Dania Beach, Florida (the "Real Property"); and

WHEREAS, the Directors and Shareholders of the Corporation desire to authorize and approve the transactions to be carried out pursuant to the Contract and the execution and delivery by the Corporation of the Contract and all documents in connection therewith; and

WHEREAS, the subject Real Property described in the Contract does constitute all or substantially all of the assets of the Corporation and the proposed sale of the subject Real Property is not in its usual and regular course of business; and

WHEREAS, all capitalized terms used in this Written Consent and not otherwise defined herein shall have the meanings ascribed to them in the Contract.

NOW, THEREFORE, BE IT RESOLVED, that all the Directors and Shareholders of the Corporation hereby appoint Steven M. Stampler to serve as President of the Corporation and for Steven M. Stampler to continue to serve in such official capacity in accordance with the bylaws of the Corporation and Florida Statutes.

FURTHER RESOLVED, that the Corporation be, and hereby is, authorized to enter into the Contract; and further that the form, terms and provisions of the Contract are hereby adopted and approved substantially in the form previously submitted to the Directors of the Corporation with such changes, amendments, supplements, renewals and replacements as the Directors shall in their discretion deem necessary or advisable and in the best interests of the Corporation;

11121

AD1 WHOLESALE, LLC
1955 HARRISON ST. SUITE 200
HOLLYWOOD, FL 33020

BISCAYNE BANK
3121 COMMODORE PLAZA
MIAMI, FL 33133
63-1576/660

1/4/2017

PAY
TO THE
ORDER OF

CITY OF DANIA BEACH

\$ **6,100.00

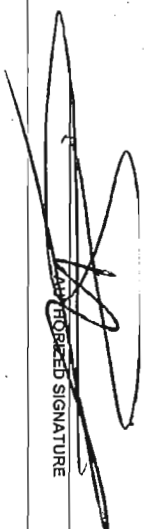
Six Thousand One Hundred and 00/100*****

DOLLARS

CITY OF DANIA BEACH

MEMO

Application fee


AUTHORIZED SIGNATURE

⑈011121⑈ ⑆066015767⑆ 1020409⑈

PAYMENT DATE

01/05/2017

COLLECTION STATION

City Hall Window 1

RECEIVED FROM

AD1 WHOLESALE LLC

DESCRIPTION

1955 HARRISON ST SUITE 200 (TRU BY HILTON)

City of Dania Beach
100 W. Dania Beach Blvd.
Dania Beach, FL 33004

BATCH NO.

2017-04000286

RECEIPT NO.

2017-00013932

CASHIER

fincashier1

PAYMENT CODE	RECEIPT DESCRIPTION	TRANSACTION AMOUNT						
PLP	Appl Review - Exeptional/Large 24 AND 44 N FED HWY	\$2,070.00						
CR	Cost Recovery Misc 001-220-00-00	\$4,030.00						
Payments:	<table><tr><th>Type</th><th>Detail</th><th>Amount</th></tr><tr><td>Check</td><td>11121</td><td>\$6,100.00</td></tr></table>	Type	Detail	Amount	Check	11121	\$6,100.00	
Type	Detail	Amount						
Check	11121	\$6,100.00						
Total Amount:		\$6,100.00						

Customer Copy



CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT
Payment Receipt

No: 000887

Date: 1/5/17

RECEIVED FROM:

Name: AD1 Wholesale, LLC (TRU By Hilton)

Address: 1955 Harrison Street Suite 200

Address 2:

City/St/ZIP: Hollywood, FL 33020

Service or Item	Amount
PLP - Large - Site Plan Review Application Fee	\$2070.00
CR - 001-220-00-00	\$4030.00

P/Z ITEM # SP-002-17 (TRU by Hilton)

LOCATION: 24 and 44 North Federal Hwy

APPLICANT: Monica Nunez

PREPARED BY: Macee Wray

TOTAL DUE: \$6100.00

Site Plan Application Fees (Residential, Hotel, Motel, Condo-Hotel, Time-Share)

Minimum Fee= \$6100

Proposed Dwelling Units

107

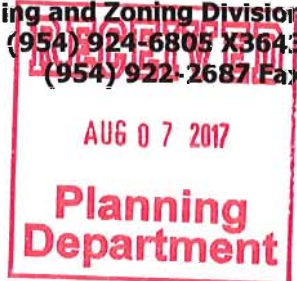
 DU

FILING FEE (Flat Fee)		\$	1,000.00
\$10 per unit		\$	1,070.00
RETAINER (FLAT FEE)	\$5,000		<u>\$5,000</u>
	TOTAL DUE		<u>7,070.00</u>
	PSP:	\$	2,070.00
	CR:	\$	4,000.00



New

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: 8275-100(B) Overall VUA@hotelsite

Date Rec'd: _____

Petition No.: VA-094-17

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY 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.**

Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)

Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo

Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 ~~Home~~ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC

Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac

Hotel Site: 115 hotel rooms

Prop. Net Acreage: Parking: 0.47ac Gross Acreage: _____ Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant

Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by LLC

AUTHORIZED REPRESENTATIVE

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

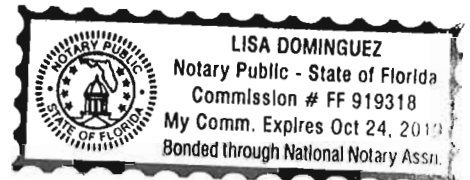
BEFORE ME THIS 5th DAY OF July, 20 17

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~XXXXXX~~ (Joint owner signature if applicable) ~~XXXXXX~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X 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).**

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BEFORE PROCESSING OCCURS.***

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

DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

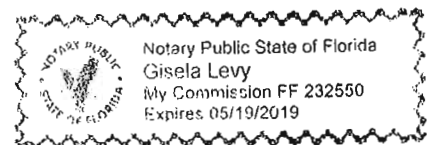
BEFORE ME THIS 5 DAY OF July, 2017

By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~xx

Notary [Signature]
(Signature of Notary Public – State of Florida)



Personally known ✓ or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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STATE OF FLORIDA
COUNTY OF BROWARD
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was acknowledged

DANIA AIRPORT HOTELS, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

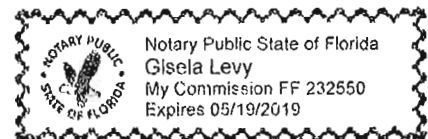
BEFORE ME THIS 5 DAY OF July, 20 17

By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~xx

Notary [Signature]
(Signature of Notary Public – State of Fla)



Personally known ☒ or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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BEFORE PROCESSING OCCURS.***

VARIANCE	Code Section 275-100(B) Subject matter: Landscaping / Number of trees	
Text of Code Section:	(B) Overall VUA landscape requirement. An area, or combinations of areas, equal to twenty (20) percent of the total vehicular use area exclusive of perimeter landscape buffers required under section 275-90 shall be devoted to interior vehicular use area landscaping. In no case shall a parking stall be further than sixty-five (65) feet from a tree, measured from the tree trunk. All landscape areas within the vehicular use area or abutting landscape areas shall be protected from vehicular encroachment through appropriate wheel stops or curbs. Wheel stops shall be located a minimum of two (2) feet from the required landscape area	
Applied to Site Plan:	Required: 20%	Provided: 12% (only needed for the hotel site, the offsite parking lot complies with the code)
Variance Criteria:		
(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; Applicant Response: The requested variance meets the basic intent and purpose of the VUA requirements because the applicant is compensating for any deficiencies by planting more trees that are appropriately sized for the urban setting. All in all there is a tree requirement for 18 trees (taking into account the buffer trees and the VUA requirement for trees). The applicant is providing approximately 40 trees on site which is 22 more trees than code requires. Additionally, it is important to note that the Applicant moved the access from Federal Highway to 1st Avenue at the request of staff and to increase the building frontage along Federal Highway. By moving the access, this confined the drop off area to the rear of the Property requiring a “curved” drop off area which required more pavement.		
(2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community; Applicant Response: The reduction in the 20% VUA landscape requirement is compatible with the surrounding land uses. Even with this reduction, the proposed landscaping will be a significant improvement from the existing conditions in the neighborhood which include a mixture of commercial, multifamily and related uses that have back-out parking and little to no landscape buffering.		
(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; Applicant Response: The subject property is located in an urban setting. Certain design concessions were made to relocate the access to the rear of the property. In doing so, this increased the vehicular use areas and thereby increased the landscape area needed to meet the 20% requirement. To mitigate any perceived impacts, the applicant is planting 40 trees on site (18 required). With this additional landscaping, the variance is consistent with the goals, objectives and policies of the Comprehensive Plan.		
(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; and Applicant Response: The proposed project is located in an urban setting. Originally, the access to this property was proposed from Federal Highway which would allow for a smaller vehicular use area, and therefore, less landscape area. Moving access allowed the applicant to provide a more continuous building form along Federal Highway. To compensate for any perceived impacts, the applicant is planting more trees than required by code.		

(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.

Applicant Response: The reduction in the VUA landscape requirement is the minimum variance needed to afford relief to the petitioner. The approval of this variance will afford relief to the petitioner, while at the same time, preserve the character, health, safety and welfare of the community. The approval of this variance will result in more on-site landscaping than if applicant proposed a parking garage. A parking garage (not proposed), would not have VUA landscaping requirements and therefore, the current proposal (even with the variance) results in more landscaping for the community.

PAYMENT DATE

08/08/2017

COLLECTION STATION

City Hall Window 1

RECEIVED FROM

Dania Airport Hotels

DESCRIPTION

1955 Harrison St Hollywood, FL 33020

City of Dania Beach
100 W. Dania Beach Blvd.
Dania Beach, FL 33004

BATCH NO.

2017-11000943

RECEIPT NO.

2017-00046256

CASHIER

fincashier1

PAYMENT CODE	RECEIPT DESCRIPTION		TRANSACTION AMOUNT
PSP	Appl Review - Standard VA-094-17 24 and 44 North Federal Hwy/ 14 and 18 NE 1st Ct		\$2,000.00
Payments:	Type	Detail	Amount
	Check	1048	\$2,000.00
Total Amount:			\$2,000.00

Customer Copy

Customer Copy



CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT
Invoice

No: 000989

Date: 8/8/17

RECEIVED FROM:

Name: Dania Airport Hotels

Address: 1955 Harrison Street

Address 2: _____

City/St/ZIP: Hollywood, FL 33020

Service or Item	Amount
PSP - Standard Develop/Variance etc Application Fee	\$2000.00
_____	_____
_____	_____
_____	_____

P/Z ITEM # VA-094-17

LOCATION: 24 and 44 North federal Hwy/14 and 18 NE 1st Court

APPLICANT: Lochrie & CHakas, P.A.

PREPARED BY: Macee Wray

TOTAL DUE: \$2000.00

ORDER OF

D

Two Thousand and 00/100 *****

DOLLARS

City of Dania Beach
100 W Dania Beach Blvd
Dania Beach, FL 33004

MEMO

Building Permit

AUTHORIZED SIGNATURE

001018 055015757 41012113

DANIA AIRPORT HOTELS LLC

City of Dania Beach

8/3/2017

2,000.00

1048

Biscayne Bank

Building Permit

2,000.00

Variance



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:

§265-110(c)(2) - Parking Aisles

§265-110(c)(5) - Parking Stalls to have unobstructed access to aisle

(c)(6) Stacking

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

Date Rec'd

Petition No.:



JUL 11 2017

Planning Department

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY 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.**

Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 Home: _____ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 Home: _____ Fax: _____

Explanation of Request:

For **Plats** please provide proposed **Plat Name** for **Variations** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.**

Hotel: 0.64 ac Hotel Site: 115 hotel rooms
Prop. Net Acreage: Parking: 0.47 ac Gross Acreage: _____ Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant
Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by LLC

AUTHORIZED REPRESENTATIVE

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

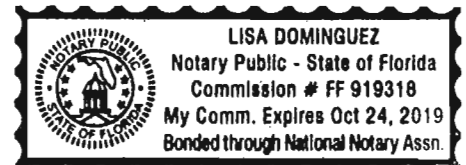
BEFORE ME THIS 5th DAY OF July, 2017

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~xxxxxx owner signature if applicable xxx~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X 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).**

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STATE OF FLORIDA
COUNTY OF BROWARD
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was acknowledged

DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

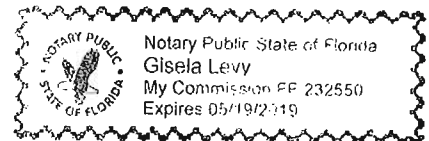
BEFORE ME THIS 5 DAY OF July, 2017.

By:

Gisela Levy.
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Florida)



Personally known ☒ or Produced Identification ☐

Type of identification produced: _____ or Drivers License _____

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(Owner / Agent signature*) Samy Cohen

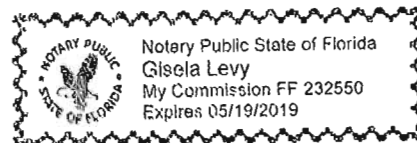
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By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Fla)



Personally known ✓ or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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Tru by Hilton
Variance Justification

<u>VARIANCE:</u>	<u>Code Section:</u> Sec. 265-110(c)(3); (c)(5) and (c)(6)	<u>Subject Matter:</u> Parking Aisle Width, access to parking stalls, and stacking from PL to first parking stall
Text of Code Section:	(c)(2) Two-way directional and two-lane, one-way directional movement require a minimum aisle of twenty-four (24) feet regardless of parking angle. (c)(5) All required parking stalls shall have direct and unobstructed access from a parking aisle. (c)(6) When a row of parking stalls is immediately adjacent to a driveway, a minimum stacking area of twenty-five (25) feet is required between the property line and the entrance to the first stall.	
Applied to Site Plan:	Required: (c)(2): Aisle width adjacent to parking: 24 feet. (c)(5) Direct and unobstructed access from parking space to drive aisle (c)(6) 25' stacking required from PL to entrance of parking stall	Provided: (c)(2) approx 15'6" of aisle width in the offsite valet lot (hotel site complies) (c)(5) Parking spaces in the offsite valet lot do not have direct access due to additional parking spaces stacked behind the 90 parking stalls (hotel site complies) (c)(6) 23'4" of stacking at the offsite valet parking lot (hotel site complies)
<u>Variance Criteria:</u>		
(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; Applicant Response: The proposed variance affects the offsite valet lot. The offsite valet parking lot and the hotel parking lot are going to be 100% valet. Therefore, no members of the public are going to be self-parking. Consequently, having the 24' wide drive aisles at the offsite lot is not as important or necessary because the valet drivers will be familiar with the lot, the number of cars in the lot, width of the aisle and shorter stacking distance from the property line.		
(2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community; Applicant Response: The requested variance is compatible with the surrounding land uses of the Offsite Valet lot. Those uses consist of residential use to the north and multifamily, commercial and motel uses to the south and east. The access driveway to offsite parking lot from the alley on the south end of the site. The reduced stacking is a minor deviation from code and does not pose a compatibility issue with surrounding properties particularly since the parking lot is valet only and the public will not be accessing the lots.		
(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; Applicant Response: The requested variance is not contrary to the goals and objectives and policies of the Comprehensive Plan. The proposed offsite parking lot are compatible with adjacent uses and will further increase the City's tax base.		

(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; and

Applicant Response: For the offsite lot, the provided stacking is 23'4" which is a minimal adjustment and in the unlikely event there was an intermittent stacking issue, cars would only be stacking into the alley (not a street). The drive aisle widths and access to parking stalls are requirements that are suitable for parking lots which are accessed by members of the public. However, in this case, the offsite valet lot is 100% valet. As such, strict conformity with the requirements of the code would be unnecessarily burdensome and would result in the loss of parking.

(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.

Applicant Response: The proposed variance 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 stacking distance is a negligible adjustment that will not be perceivable.

For the offsite parking lot, the drive aisle width and access to the parking spaces are the minimum variance necessary to afford relief to the petitioner. The direct access to the parking space is normally a requirement for self-parking lots. The City's code allows for the proposed configuration for valet parking lots (valet parking spaces do need direct access to drive aisle), but because applicant is seeking a variance to have 100% valet, the parking lot is being evaluated as if it was a self-park lot, which now triggers the need for a variance.

Lastly, the drive aisle width of 24' is only requested for the offsite parking lot which will be 100% valet. The reduced width is suitable for a valet parking lot and is only "reduced" when a car is parked perpendicular to the regular 90 degree parking stalls.



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:

Date Rec'd:

Petition No.:

5265-120 Valet Parking

VA-082-17

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY 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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Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 Home: Monroex Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac

Hotel Site: 115 hotel rooms

Prop. Net Acreage: Parking: 0.47 ac Gross Acreage: Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant

Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

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 Lochrie & Chakas, P.A. (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

DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

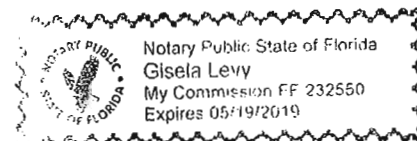
BEFORE ME THIS 5 DAY OF July, 2017

By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Florida)



Personally known ☒ or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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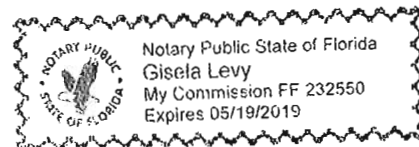
BEFORE ME THIS 5 DAY OF JULY, 20 17

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Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of FLA)



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Tru by Hilton
Variance Justification

<u>VARIANCE:</u>	<u>Code Section:</u> Section 265 – 120	<u>Subject Matter:</u> Valet parking
Text of Code Section:	"Up to 10% of the required parking number of parking spaces for a use may be provided as valet parking..."	
Applied to Site Plan:	Required: Up to 10 spaces (96 spaces required x 10% = 9.6 rounded up 10 space max for valet)	Provided: 100% valet (no self-parking)
<u>Variance Criteria:</u>		
(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; Applicant Response: It is not uncommon to have 100% valet parking lots particularly in urban settings. In addition, with the transient nature of hotels, the valet service is particularly desirable and will obviate the need for guests to be parking the vehicles on their own either on site or offsite. The proposed variance to allow 100% valet maintains the basic intent and purpose of the regulations and will be convenient to the guests who will be visiting the hotel.		
(2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community; Applicant Response: The requested variance is compatible with the surrounding land uses: Hotel site: surrounded by commercial uses; Offsite Valet lot: is surrounded by right-of-way on the west (1st Court) and south (alley). To the north is a residential use and to the south and east are multifamily, commercial and motel uses. Providing 100% valet is convenient for the guests and will prevent guests from having to park in the offsite parking lot and walk through the neighborhood to park their vehicle.		
(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; Applicant Response: The requested variance is not contrary to the goals and objectives and policies of the Comprehensive Plan. The proposed hotel and offsite parking lot are compatible with adjacent uses and will further increase the City's tax base. Similarly, the use of 100% valet is compatible and will not have a deleterious effect on the neighborhood.		
(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; and Applicant Response: Valet parking is not uncommon for hotel uses. In addition, 100% valet parking is common in urban settings like this project. The unique needs of a hotel which include convenience and safety for their guests makes valet parking appropriate and necessary for this use.		
(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. Applicant Response: The proposed variance is the minimum variance that is necessary to afford relief to the petitioner while preserving the character health safety and welfare of the community. Valet parking of all of the guests' vehicles will ensure that the petitioner can provide the safety and convenience to the guests and preserve the character in the neighborhood by ensuring that guests do not have to self park in the offsite lot and walk through the neighborhood with their luggage to reach the hotel.		



City of Dania Beach, Florida
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Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____

Date Rec'd: _____

Petition No.: _____

Signage 505-100 (V)(1) Wall Signs
Signage 505-400 (V)(4) Letter size

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by LLC

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COUNTY OF BROWARD
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DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

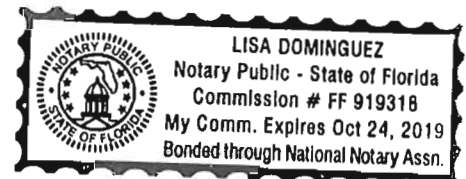
BEFORE ME THIS 5th DAY OF July, 20 17

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~XXXXXX (Joint owner signature if applicable) XXXX~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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By: [Signature]
(Owner / Agent signature*) Samy Cohen

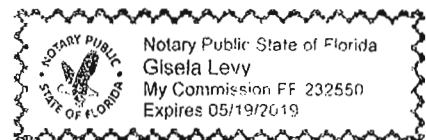
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By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Florida)



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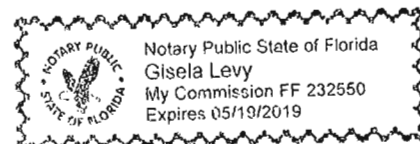
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By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of FL)



Personally known ☒ or Produced Identification _____

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Tru by Hilton
SIGN VARIANCE

<u>SIGN VARIANCE</u>	Section 505-90(V)(1) and (V)(4)	<u>Subject matter:</u> # of Wall Signs, Sign Area, Letter size
Text of Code Section:	Sec. 505-90(V)(1) "One (1) sign is permitted per building frontage, not to exceed one (1) square foot in area for each of the first seventy-five (75) feet of building frontage, and one-quarter (.25) square foot in area for each additional one (1) foot of frontage in excess of seventy-five (75) feet. In no instance shall a sign exceed one hundred fifty (150) square feet in area. No wall sign shall occupy more than seventy (70) percent of the signable area of the surface upon which placed." Note: Sign Area is cumulative for all signs, not each sign individually. Section 505-90(V)(4) Signage - "letter height shall not exceed 24"..."	
Applied to Site Plan:	Required: • 2 wall signs limited to 140.6 sf in sign area (based on 150' of frontage) • Letter height not to exceed 24"	Provided: • 4 wall signs with a sign area of 154 square feet each for a total of 616 sf in sign area. • Letter height of 36"
<u>Sign Variance Criteria per 505-180:</u>		
(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 Applicant Response: The requested signs are in harmony with the general intent and purpose of this article and not contrary to the public interest. The signs follow the branding requirements for Tru by Hilton and complement the building in relation to size and number. The Applicant is requesting 2 additional wall signs than allowed by code. The extra signs will be placed on the north and south facades of the building so that cars traveling north/south on Federal Highway will have an adequate amount of time to spot the location of the hotel. Additionally, the sign size and letter size is appropriate given the height of the building and will not negatively impact the aesthetics of the surrounding community.		
(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 Applicant Response: As noted above, the extra 2 wall signs will be placed on the north and south facades of the building so that cars traveling north/south on Federal Highway will have an adequate amount of time to spot the location of the hotel. The City's code allows wall signage for hotels to be placed at the top of the façade and the sign letter size of 36" in relation to the overall size of the façade.		
(3) The impaired visibility or effectiveness of the signage allowed in this article would result in unnecessary or undue hardship; and Applicant Response: Since guests of the hotel are usually visiting from out of town and unfamiliar with the area, having visible signage is imperative. Only allowing the 2 wall signs facing Federal and 1st Avenue would not give the average driver a sufficient amount of time to identify the location of the hotel. The lettering size and sign area are similarly needed to ensure that the signs on the building are visible for pedestrians and motorists.		

Tru by Hilton
SIGN VARIANCE

(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.

Applicant Response: 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 the visibility needs of the hotel. Also, because the hotel's access will be from 1st Avenue, it is important that there be signage on all facades to queue motorists to the location of the hotel.

(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

Applicant Response: The building is 6 stories in height. The 2 extra wall signs requested as part of this variance will be placed on the top of the north and south elevations of the building. Limiting the cumulative sign area to 140 sf (35 sf for each sign) would hinder the visibility of the signs when placed at the top of a 6-story building. The signs in relation to the facades of the building are appropriately sized and do not "overwhelm" the building and are aesthetically consistent with the architecture and color palette of the building.



Variance

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:

Landscaping & 275-190

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

Date Rec'd:

Petition No.:



VA-084-17

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Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac Hotel Site: 115 hotel rooms
Prop. Net Acreage: Parking: 0.47 ac Gross Acreage: Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant
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DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

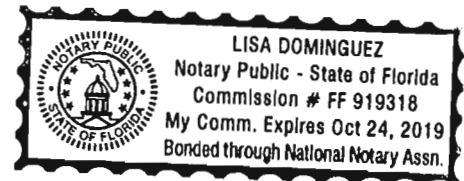
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By:

Rebecca Trinkler
(Print name of person acknowledging)

~~XXXXXX~~ (Joint owner signature if applicable) ~~XXXXXX~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X or Produced Identification _____

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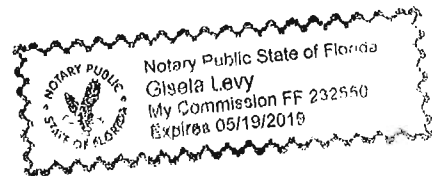
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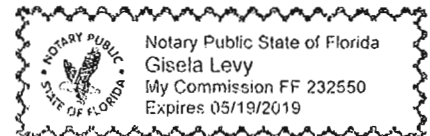
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Gisela Levy
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Tru by Hilton
Variance Justification

<u>VARIANCE</u>	<u>Code Section 275-190</u>	<u>Subject matter: Landscaping / Number of trees</u>
Text of Code Section:	(D) <i>Shade/canopy tree.</i> Shade canopy tree shall be a category 1 tree, with a minimum overall height of fourteen (14) feet, with a minimum diameter at breast height of two (2) inches and a minimum of four and one-half (4½) feet of clear trunk immediately after installation. Category 1 trees are those which typically achieve a maximum height or width of fifty (50) or more feet. A list of category 1 trees recommended for planting within the city is included in the City of Dania Beach Landscape Technical Manual. Minimum canopy spread shall be characteristic of the species. This category shall constitute forty (40) percent minimum of the total trees required.	
Applied to Site Plan:	Required: Shade trees required on the north side of property	Provided: No shade/canopy trees provided on the north side, but provided more intermediate and small trees than required by code (5 trees required, 12 trees provided)
<u>Variance Criteria:</u>		
(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;		
Applicant Response: The purpose of requiring shade/canopy trees is to provide screening. However, in this instance, the northern landscape buffer is 5' wide with the hotel wall on one side and the adjacent building on the other side. Under these circumstances, shade trees would not survive. To compensate, additional, more appropriately sized trees have been installed in the north landscape buffer. The proposed trees consist of 10 sabal palms, 5 Simpson Stopper trees and 2 Silver Buttonwoods.		
(2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community;		
Applicant Response: The requested variance is compatible with the surrounding land uses which consist of tea shop and boxing studio to the north and other commercial uses to the east and west of the project site. Currently, the building to the north has no perimeter landscaping and is built on the property line.		
(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;		
Applicant Response: The requested variance is consistent with the goals and objectives and policies of the adopted Comprehensive Plan. The proposed variance is not requesting to eliminate landscaping, but rather to provide an alternative size of trees which can survive in the planting area.		
(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; and		
Applicant Response: The 5' northern landscape buffer which will be "walled in" by the adjacent building and the proposed hotel building is not a sufficient amount of space for shade/canopy trees to survive. In lieu of installing shade trees, the applicant is proposing to increase the number smaller trees. 5 shade trees are required, but 12 smaller trees will be planted in lieu of the shade trees. The proposed trees are more appropriate given the width of buffer and the constraints of the adjacent building wall and hotel wall.		
(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.		
Applicant Response: The variance is the minimum variance needed to afford relief, and the applicant is compensating for the shade trees by increasing the quantity of smaller trees.		



City of Dania Beach, Florida
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Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☐ Variance
- ☒ Other: **Exception § 510-30 (E) Colors of Building**

Date Rec'd: _____

Petition No.: OT-073-17



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Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 ~~Home~~ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 Home: _____ Fax: _____

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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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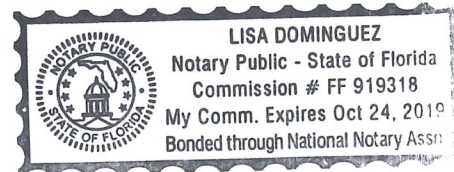
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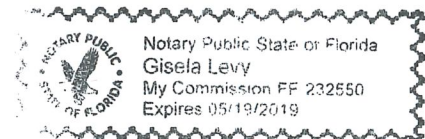
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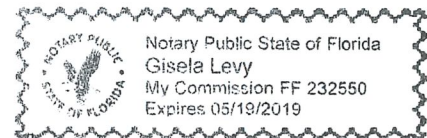
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EXCEPTION

<u>Exception:</u>	<u>Code Section:</u> Sec. 510-30(I)	<u>Subject Matter:</u> Appearance/Color
Text of Code Section:	(I) The coloration of all buildings shall be nature blending with a maximum of three (3) colors exclusive of roof. The use of "earth tone" or light pastel colors is encouraged. Semitransparent stains are recommended for application on natural wood finishes.	
Applied to Site Plan:	Required: Max of 3 colors earth tones	Provided: colors not in earth tones (colors are pursuant to Tru Hilton branding requirements)
<u>Exception Criteria per Sec. 510-20(C)</u>		
(1) There are circumstances peculiar to the site or the intended use that makes compliance with a particular requirement of this article impracticable; and Applicant Response: The hotel flag for this property will be a new brand by Hilton called Tru Hotel. The Tru Hotel brand utilizes a more vibrant color palette. To require an earth tone color palette would be contrary to the hotel's branding and would not be consistent with the signage that eventually will be installed on the building.		
(2) The applicant has offered significant enhancements to other pertinent aspects of the site that the city commission determines will offset any negative impact that an exception to these standards might otherwise create. Applicant Response: The applicant is offering enhanced pedestrian experience with wider sidewalks and streetscape which follows the recently approved project to the south of the site. In addition, the architectural treatment of the building is modern and will add visual interest to this segment of the CRA.		



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Date Recd: _____

Petition No.: _____

☒ Other: Design Variation \$303-60(E) - EDBB-MU - Parking in 2nd layer
 (SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)



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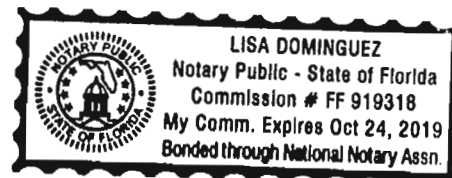
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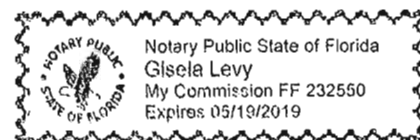
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Gisela Levy
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Tru Hotel by Hilton
Design Variation

Design Variations:	Code Section: Section 303-60(-E) (EBBMU – parking in second layer)	Subject Matter: Parking in second layer (applies to offsite parking lot only)
Text of Code Section:	(E) ... Parking is permitted only in the second layer.	
Applied to Site Plan:	Required: No parking in 1 st layer	Provided: Parking is the sole use of the property because it will be used as a valet offsite parking lot for the hotel.
Design Variation Criteria per Sec. 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 Applicant Response: This requirement is intended to apply to developments which propose a building. In this case, the sole use of this property will be as a parking lot so there is no “layering” of uses. The site will be designed with perimeter landscaping and VUA landscaping which will complement the area and be a significant improvement from the existing conditions.		
(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. Applicant Response: The variation is appropriate because there is no building proposed for this site. This section likely contemplated that a site would have a structure/building, in which case, the “layering” would be applicable.		



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JUL 11 2017
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 Department

☒ Other: Design Variation §311-20(E)(1) - Shopfront Frontage - Glazing (SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
 Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
 Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 ~~Home~~ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
 Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac Hotel Site: 115 hotel rooms
 Prop. Net Acreage: Parking: 0.47 ac Gross Acreage: _____ Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant
 Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by LLC

AUTHORIZED REPRESENTATIVE

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

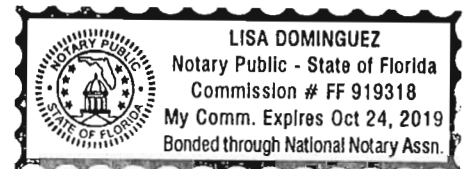
BEFORE ME THIS 5th DAY OF July, 20 17

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~XXXXXX~~ (Joint owner signature if applicable) ~~XXXXXX~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

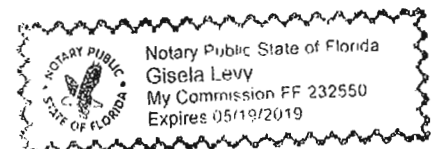
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By:

Gisela Levy.
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary [Signature]
(Signature of Notary Public – State of Florida)



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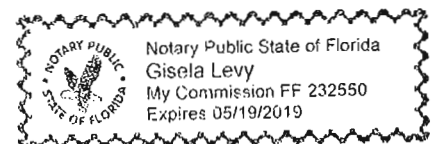
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Tru Hotel by Hilton
Design Variation

<u>Design Variations:</u>	<u>Code Section:</u> Section 311-20(E)(1)	<u>Subject Matter:</u> Shopfront glazing
Text of Code Section:	Shopfront: "(E)(1) The shopfront type is conventional for retail use, and requires a minimum of seventy (70) percent translucent glazing on the ground floor, with the window bottoms no higher than two (2) feet above the sidewalk. The modified shop frontage requires between thirty (30) and seventy (70) percent translucent glazing on the ground floor between three (3) and eight (8) feet above sidewalk grade. The modified shopfront is ideal for ground-story office use and live/work units. Modified shop fronts are not permitted within the core of the City Center District, and shall not be utilized for buildings intended to house retail uses. "	
Applied to Site Plan:	Required: 70% translucent glazing	Provided: 63% translucent glazing
<u>Design Variation Criteria per Sec. 301-50(D)</u>		
(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 Applicant Response: Shop front calculations are provided on sht. A-300. In order to maintain the required fire and life safety rating consistent with the code for the stair egress component facing along North Federal Highway, 63% glazing is proposed, because the stair element is presented as a solid volume without glazing.		
(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. Applicant Response: The proposed design along Federal Highway represents a minimum variation and the exterior façade is in keeping with the consistency of the design.		



Design Variation

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: Design Variation

Date Rec'd: _____

Petition No.: 05-078-17

§307-20 - Landscaping in CPA

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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Hotel Site: Vacant

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Proposed Use: Hotel and Offsite Parking Lot

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COUNTY OF BROWARD
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By: Rebecca Trinkler
(Owner/ Agent signature*) Rebecca Trinkler

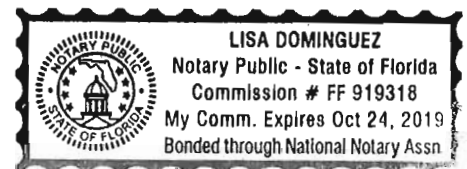
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(Print name of person acknowledging)

xxx (Joint owner signature if applicable) xxx

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X or Produced Identification _____

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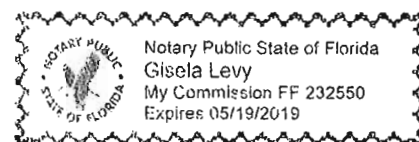
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Tru Hotel by Hilton
Design Variation

Design Variation:	Code Section: Section 307-20	Subject Matter: Street Trees
Text of Code Section:	Street trees Sec. 307-20. - Street landscaping and hardscaping. (A) [Street trees.] Whenever a building is constructed, reconstructed or expanded, the owner of the lot is required to install street trees of the species, and at the spacing intervals, required by resolution of the city commission for the particular street. In the absence of a resolution passed by the city commission to this effect, the default requirement shall be live oak trees spaced thirty (30) feet on center within the NBHD-RES district, palms spaced twenty (20) feet on center, and Sabal palms spaced fifteen (15) feet on center along all other streets. Street trees shall be planted as shown in the street section approved by the city commission in the CRA redevelopment plan, or the approved section for any street with swales, the minimum six (6) feet from street edge of pavement, and six (6) feet from the edge of sidewalk. In the absence of a resolution passed by the city commission to this effect, the trees shall be planted on the face of the curb within graded tree wells a minimum of six (6) feet in area built into the sidewalk. Streetscape elements such as benches and lighting shall be provided on the street sections and streetscape as approved by the city commission in the CRA redevelopment plan.	
Applicable Plan:	Royal palms spaced twenty (20) feet on center 1st Avenue and 1st Court: Sabal palms spaced fifteen (15) feet on center.	Provided: US1/Federal: Phoenix palms planted 25' apart 1st Avenue: Oak Trees and Pigeon Plums are planted in the available spaces (there are multiple curb cuts which limit planting areas and spacing). 1st Court (offsite lot): Live Oaks and Silver Buttonwoods 15' apart.
Design Variation Criteria per Sec. 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 Applicant Response: US-1 Federal Highway: Applicant is proposing to use Phoenix Palms in lieu of Royal palm trees and plan 25' apart to be consistent with the project immediately south of the site. Phoenix Palms are more preferable to Royal Palms along the street because of the potential public safety issue posed by Royal Palms (falling fronds on people being injured or property damage to autos). Phoenix Palms are not self cleaning palms, so it is a safer and more appropriate tree species.		

Tru Hotel by Hilton
Design Variation

1st Avenue: Oak trees and Pigeon Plum Tree have been planted are being proposed as an alternative to palms.

1st Court (offsite parking lot): Live Oaks and Silver Buttonwoods are proposed approximately 15' apart to provide additional shading.

(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.

Applicant Response: The variations are appropriate and comply with the "complete streets". The modifications are either changes in tree species and/or modification to the spacing to match the project to the south of the hotel site (Trion).



Design Variation

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
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- ☐ Plat
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- ☐ Site Plan
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- ☐ Variance
- ☒ Other: Design Variation

Date Rec'd: _____

Petition No.: DT-077-17

§ 306-20 - On Street Parking + § 309-10(c) - On Street Parking
(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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By: Rebecca Trinkler
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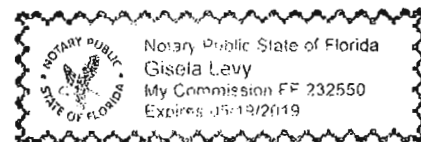
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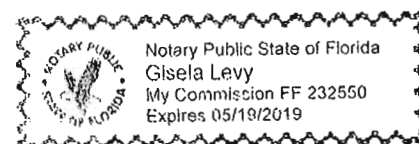
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BEFORE PROCESSING OCCURS.***

Tru Hotel by Hilton
Design Variation

Design Variations:	Code Section: Section 306-20 & 309-10(C)	Subject Matter: On Street Parking
Text of Code Section:	Sec. 306-20. - On-street parking requirements. Within the City Center District, each development or redevelopment project is required to dedicate, construct and provide on-street parking along the property frontage on adjacent city streets in conformance with the street cross-sections identified in the approved CRA redevelopment plan. The method of compliance with the on-street parking requirements shall be determined in accordance with subsection 309-10(C) "Construction of on-street parking, sidewalks and street furniture required", and payment in-lieu of construction of street improvements, if required, shall be made pursuant to subsection 309-10(D) "Payment in-lieu of construction." On-street parking abutting a lot shall count toward satisfying the total parking requirement for the lot pursuant to section 265-50, "Off-street parking required; on-street parking credit". The on-street parking space shall be for public use and shall not be reserved for private use unless otherwise approved by the city commission. 309-10(C) Construction of on-street parking, sidewalks and street furniture required. Prior to the issuance of a building permit for any construction of a new principal building, or expansion to the gross floor area of an existing principal building exceeding the lesser of two thousand five hundred (2,500) square feet or thirty-three (33) percent of the existing gross floor area of the building, the developer shall be required to comply with this section through one or more of the following methods: (1) Construct the sidewalk and on-street parking, and provide and install street furniture (including, but not limited to, benches, transit shelters, street lights, waste bins, and bike racks or lockers) for the street frontage abutting the property line of the development site, pursuant to the specifications approved by the city commission in the CRA redevelopment plan; or Make a payment in lieu	
Applied to Site Plan:	Required: On street parking	Provided: No on street parking
Design Variation Criteria per Sec. 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 Applicant Response: The applicant discussed this requirement with staff and the practical difficulties complying with this code section. Along Federal Hwy, no on street parking can be installed leaving only the area along 1st Avenue as the only other area available for on street parking. Due to the placement of the parking lot, valet drop off area and loading areas (3 curb cuts) along 1st Avenue, this did not leave a meaningful amount of space to install on street parking. In fact, the applicant would only be able to install 1 on street parking space by removing most of the proposed landscaping along 1st Avenue. Therefore, in this case, it was not practical or logical to remove landscaping for the installation of 1 on street parking space.		

Tru Hotel by Hilton
Design Variation

(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.

Applicant Response: Due to the placement of the parking lot, valet drop off area and loading areas along 1st Avenue, the applicant could not install a meaningful amount of on street parking. The applicant could only install 1 on street parking space and would only be able to do so if perimeter landscaping is removed.



City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Design Variation

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☐ Variance
- ☒ Other: Design Variation

(L) 0-5' Allowed / 7'8" proposed.

Date Rec'd:

Petition No.:

RECEIVED
JUL 11 2017
Planning
Department

DT-080-17

§303-40(M) Shopfront Depth
§303-40 % of frontage on BTL
(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESSARY 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.**

Hotel Site: 24 and 44 N. Federal Highway

Location Address: Offsite Parking Lot Site: 14 and 18 NE 1st Court

Hotel Site: Lot(s): 9 through 14 Block: 12 Subdivision: Town of Modelo (Dania)
Offsite Parking: Lot(s): 1 through 3 Block: 5 Subdivision: Beachway

Recorded Plat Name: Hotel Site: Town of Modelo (Dania) PB B Pg 49; Offsite Parking Site: Beachway PB 8 Pg 38

Hotel Site: Folio Number(s): 504234011790; 1810 Legal Description: Lots 9, 10, 11, 12, 13 and 14, Blk 12, Town of Modelo
Offsite Parking: Folio Number(s): 5042120120; 0130; 0140 Legal Description: Lots 1, 2 and 3, Blk 5, Beachway

Robert B. Lochrie III, Esq. or Nectaria M. Chakas, Esq.

Applicant/Consultant/Legal Representative (circle one) Lochrie & Chakas, P.A.

Address of Applicant: 1401 E. Broward Boulevard Suite 303, Fort Lauderdale, FL 33301

Business Telephone: 954-779-1123 Home: ~~xxxx~~ Fax: 954-779-1119

E-mail address: RLochrie@LochrieLaw.com and/or NChakas@LochrieLaw.com

Hotel Site: Dania Beach Investments, LLC and Dania Airport Hotels, LLC
Name of Property Owner: Offsite Parking Lot: Dania Airport Hotels 2, LLC

Address of Property Owner: 1955 Harrison Street, #200, Hollywood, FL 33020

Business Telephone: (305) 803-5564 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.**

Hotel: 0.64 ac Hotel Site: 115 hotel rooms
Prop. Net Acreage: Parking: 0.47ac Gross Acreage: Prop. Square Footage: Offsite Parking Lot: 997 SF

Hotel Site: Vacant
Existing Use: Offsite Parking Lot: Residential Proposed Use: Hotel and Offsite Parking Lot

Is property owned individually, by a corporation, association, or a joint venture? Both sites are owned by 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 Lochrie & Chakas, P.A. (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

DANIA BEACH INVESTMENTS, LLC

By: Rebecca Trinkler
(Owner / Agent signature*) Rebecca Trinkler

BEFORE ME THIS 5th DAY OF July, 20 17

By:

Rebecca Trinkler
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~

Notary Lisa Dominguez
(Signature of Notary Public – State of Florida)



Personally known X 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).

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

DANIA AIRPORT HOTELS 2, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

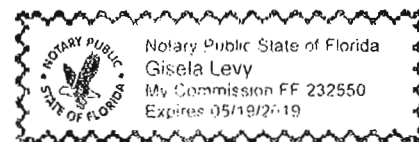
BEFORE ME THIS 5 DAY OF July, 20 17

By:

Gisela Levy
(Print name of person acknowledging)

~~(Joint owner signature if applicable)~~xx

Notary [Signature]
(Signature of Notary Public – State of Florida)



Personally known ✓ or Produced Identification _____

Type of identification produced: _____ or Drivers License _____

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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

DANIA AIRPORT HOTELS, LLC

By: [Signature]
(Owner / Agent signature*) Samy Cohen

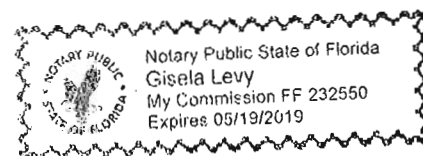
BEFORE ME THIS 5 DAY OF July, 20 17

By:

Gisela Levy
(Print name of person acknowledging)

~~Joint owner signature if applicable~~

Notary [Signature]
(Signature of Notary Public – State of FL)



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).**

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Tru Hotel by Hilton
Design Variation

Design variation

Design Variations:	Code Section: 303-40(M)	Subject Matter: Interior depth
Text of Code Section:	70% of lot width for which a façade must on the BTL 1st layer 30' depth req'd	
Applied to Site Plan:	Required: 70% of Building Frontage on BTL line 1st layer – Required 30' depth	Provided: 62% Building Frontage on FTL Line 24' of depth at retail area and fitness area (hotel lobby and reception areas comply with 30' depth)
<u>Design Variation Criteria per Sec. 301-50(D)</u>		
(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 Applicant Response: The build-to-line is 0'-5'. The applicant is only deficient by 8% and this allows for recessed entrances into the lobby of the hotel and retail areas. The requirement for a 30-ft. depth in the 1st layer is far exceeded along the frontage of the hotel lobby, but is short by approx. 6' along the retail area and fitness area. The retail area is shorter in depth to allow a parking area at the rear of the hotel. The fitness area is shorter in depth to allow for a meaningful pool/recreational area.		
(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. Applicant Response: The proposed design variation will allow for recessed access and flexibility in the depth of the building to have parking and valet drop off area in the rear of the building. By having the parking in the rear, this enabled the applicant to provide an uninterrupted street frontage with no curb cuts along Federal Highway.		

Tru by Hilton Dania Beach, Florida

traffic study



FILE COPY



prepared for:
AD1 Wholesale, LLC

Traf Tech
ENGINEERING, INC.

May 2017
Revised July 2017

July 10, 2017

Mr. Samy Cohen
AD1 Wholesale, LLC
1955 Harrison Street, Suite 200
Hollywood, Florida 33020

Re: Tru Hotel –Traffic Study

Dear Mr. Cohen:

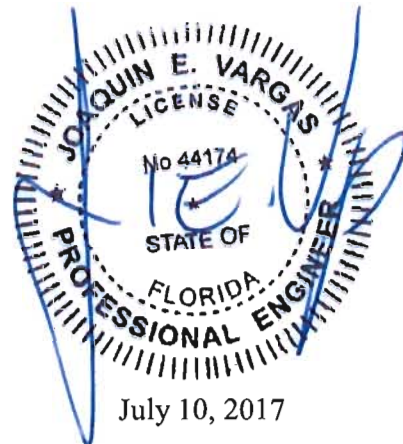
Traf Tech Engineering, Inc. is pleased to provide you with the results of the revised traffic study undertaken for the proposed Tru by Hilton Hotel planned to be located at 24 N. South Federal Highway in the City of Dania Beach in Broward County, Florida. The study addresses the traffic impacts created by the proposed project to the surrounding street system.

It has been a pleasure working with AD1 Wholesale on this project.

Sincerely,

TRAF TECH ENGINEERING, INC.

Joaquin E. Vargas, P.E.
Senior Transportation Engineer



July 10, 2017

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INTRODUCTION

Tru by Hilton is a proposed hotel planned to be located at 24 N. South Federal Highway, Dania Beach Boulevard in Broward County, Florida. The location of the project site is illustrated in Figure 1 on the following page.

Traf Tech Engineering, Inc. was retained by AD1 Wholesale, LLC to conduct a traffic study in connection with the proposed development. The study addresses trip generation and the traffic impacts created by the proposed project on the nearby transportation network. This study is divided into seven (7) sections, as listed below:

1. Inventory
2. Existing Conditions
3. Traffic Counts
4. Trip Generation
5. Trip Distribution and Traffic Assignment
6. Traffic Impact Analysis
7. Conclusions and Recommendations

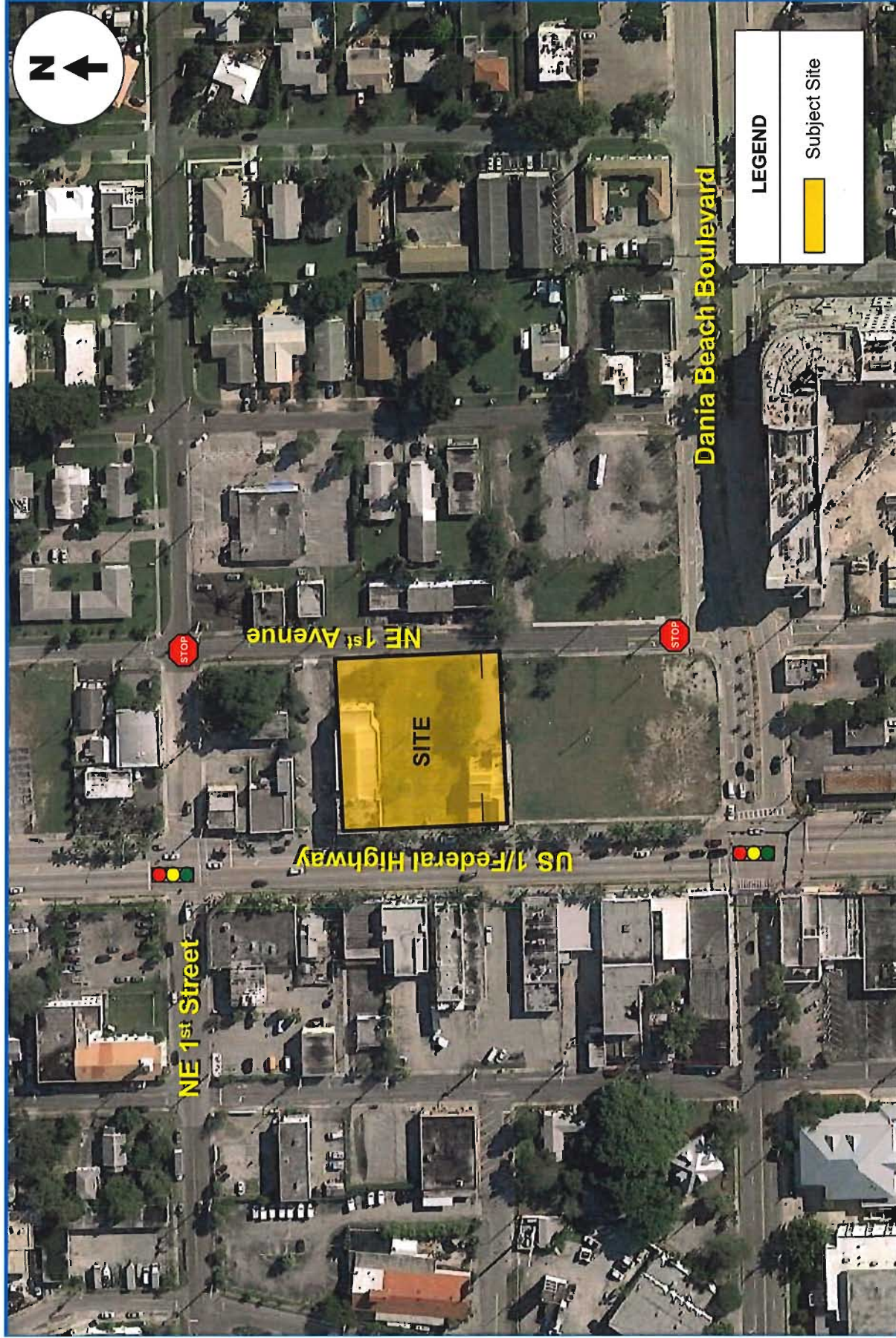


FIGURE 1
Tru by Hilton
Dania Beach, Florida

PROJECT LOCATION MAP

INVENTORY

Existing Land Use and Access

The existing site is currently vacant.

Proposed Land Use and Access

The proposed project will be developed with the following land uses and intensity:

- 115 hotel rooms
- 997 sf of Retail (ancillary to the hotel land use)

Access to the site will be provided via one access driveway on NE 1st Avenue. The proposed development also includes valet parking service and the valet parking operation is anticipated at a parking garage located at 18 NE 1 Court, Dania Beach, Florida. For purposes of this traffic study, the project is anticipated to be built and occupied by the end of 2018. Appendix A contains a copy of the proposed site plan for the Tru by Hilton project.

EXISTING CONDITIONS

This section addresses the existing roadway system located in the vicinity of the project site and nearby intersections.

Roadway System

The roadway system located near the project site includes US 1/Federal Highway, Dania Beach Boulevard, NE 1st Street, and NE 1st Avenue. and NE 5th Avenue. US 1/Federal Highway and Dania Beach Boulevard are 4-lane facilities, while NE 1st Street, and NE 1st Avenue are 2-lane-facilities.

Nearby Intersections

With the assistance of City of Dania Beach staff, four intersections/driveways were identified as the locations that will be impacted the most by the proposed project. These intersections/driveways include:

1. US 1/Federal Highway and Dania Beach Boulevard (signalized)
2. US 1/Federal Highway and NE 1st Street (signalized)
3. Dania Beach Boulevard and NE 1st Avenue (stop control)
4. NE 1st Street and NE 1st Avenue (stop control)

Figure 2 shows the existing lane geometry of the four intersections selected for analysis purposes. The number of lanes on the street system surrounding the project site is also depicted in the figure.

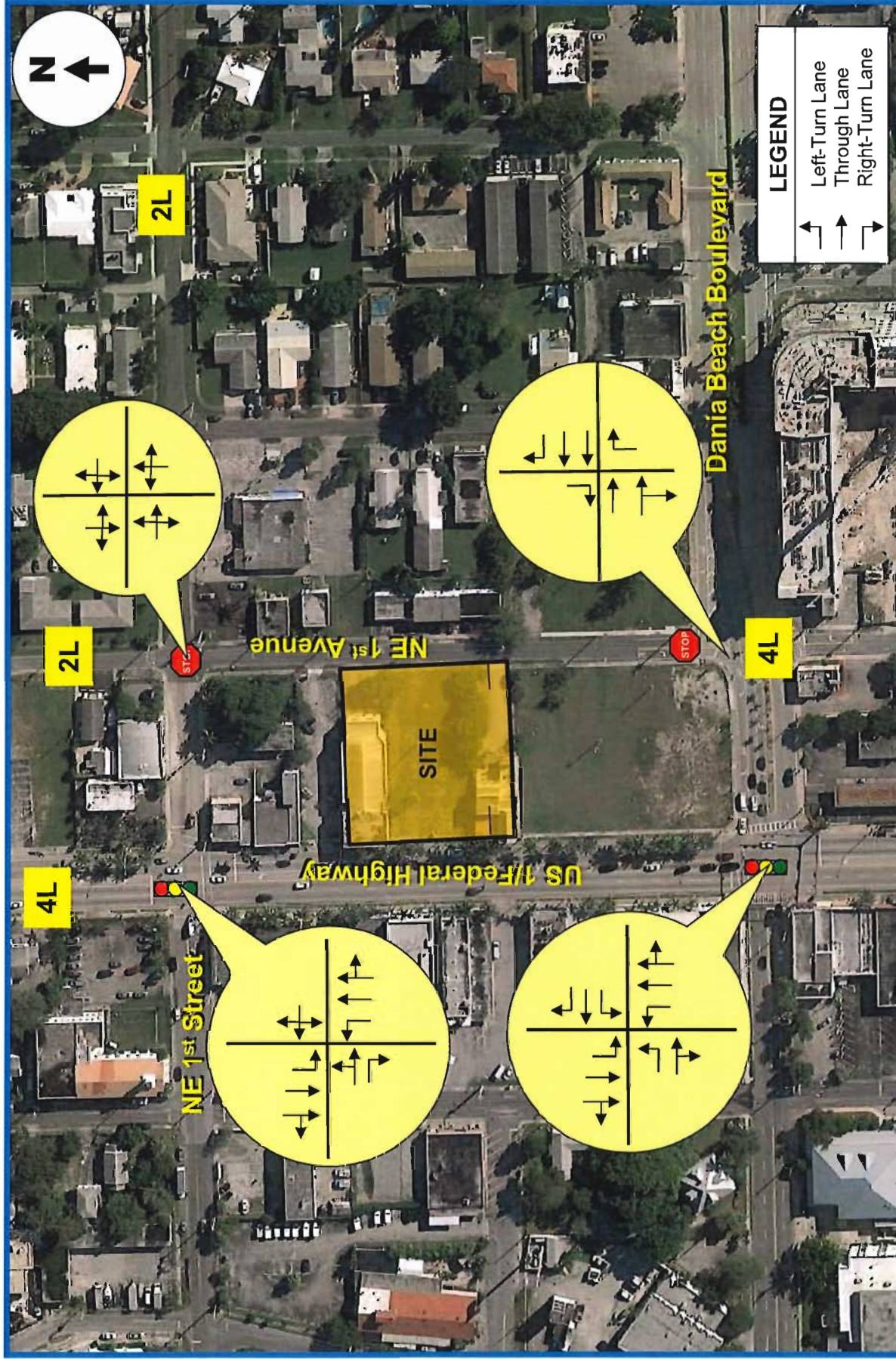


FIGURE 2
 Tru by Hilton
 Dania Beach, Florida

EXISTING LANE GEOMETRY

TRAFFIC COUNTS

Traf Tech Engineering, Inc., in association with Crossroads Engineering, Inc., collected traffic data at the following locations:

- US 1/Federal Highway and Dania Beach Boulevard (signalized)
- US 1/Federal Highway and NE 1st Street (signalized)
- Dania Beach Boulevard and NE 1st Avenue (stop control)
- NE 1st Street and NE 1st Avenue (stop control)

The intersection turning movement counts performed by Crossroads Engineering, Inc., were collected on Thursday, May 26, 2016 during the AM and PM peak periods (7:00 AM to 9:00 AM and 4:00 PM to 6:00 PM, respectively).

Figure 3 summarizes the results of the intersection turning movement counts undertaken during the weekday peak hours. Appendix B contains the intersection turning movement counts, as collected in the field. The signal timing plans for the signalized intersections were obtained from Broward County Traffic Engineering Division and are also included in Appendix B.

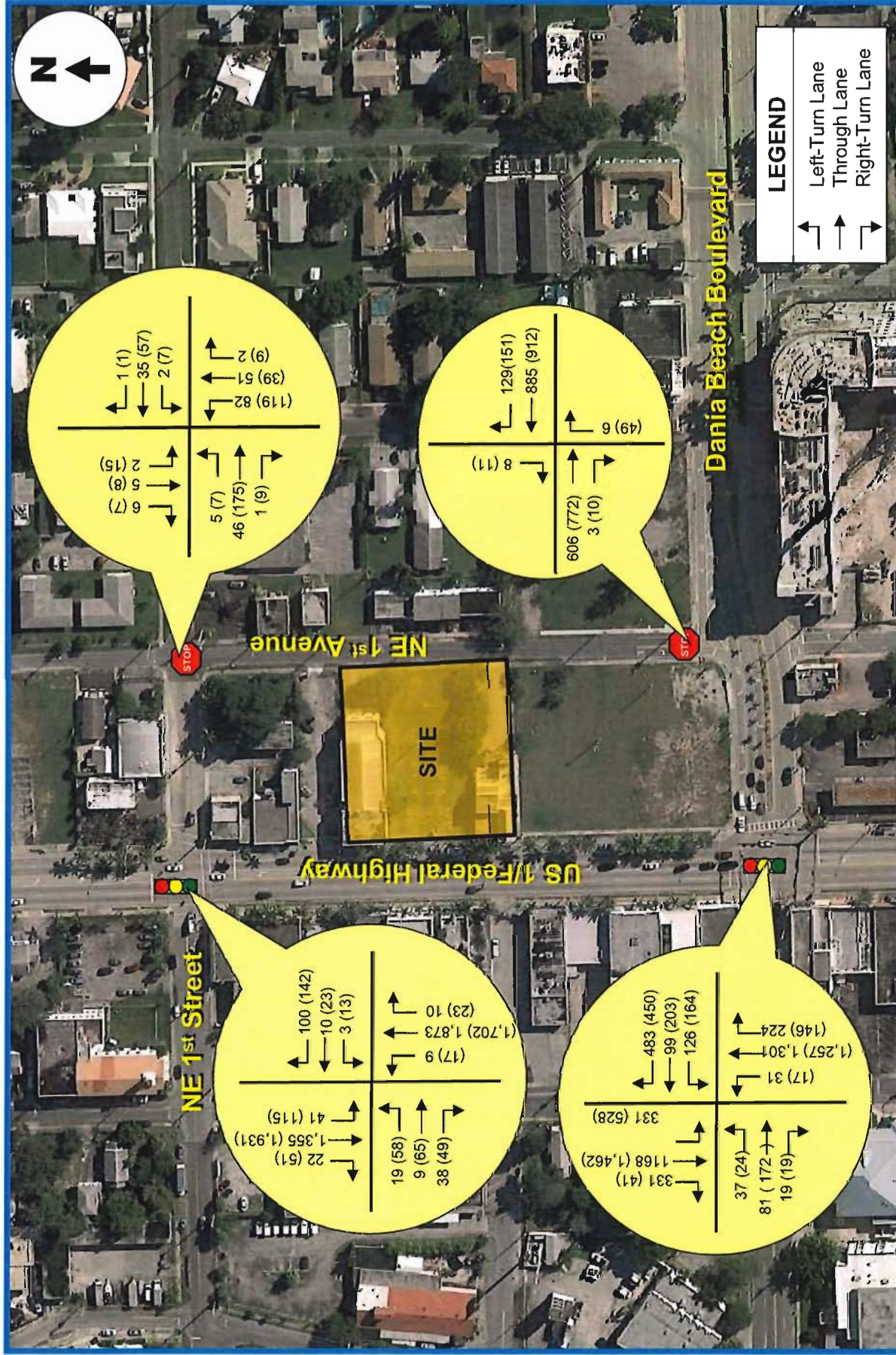


FIGURE 3
 Tru by Hilton
 Dania Beach, Florida

**EXISTING TRAFFIC COUNTS – AM & (PM) Peak Hour
 (2017)**

TRIP GENERATION

The trip generation for the project was based on information contained in the Institute of Transportation Engineer's (ITE) *Trip Generation Manual* (9th Edition). According to the subject ITE manual, the most appropriate "land use" category for the proposed land use includes: Land Use 310 – Hotel. Table 1 summarizes the trips associated with the proposed development.

Table 1 Trip Generation Summary Tru by Hilton - Dania Beach, Florida								
Land Use	Size	Daily Trips	AM Peak Hour Trips			PM Peak Hour Trips		
			In	Out	Total	In	Out	Total
Hotel (LUC 310)	115 Rooms	1,026	35	25	60	40	41	81
External		1,026	35	25	60	40	41	81

Compiled by: Traf Tech Engineering, Inc. (July 2017).

Source: Institute of Transportation Engineers (ITE) Trip Generation (9th Edition).

As indicated in Table 1, the new trips anticipated to be generated by the proposed development consist of approximately 1,026 daily trips, approximately 60 trips during the AM peak hour (35 inbound and 25 outbound) and approximately 81 PM peak hour trips (40 inbound and 41 outbound).

The trip generation rates used to determine the trips associated with the proposed land use is presented on the following page:

ITE Land Use 310 – Hotel

Daily Trips

$$T = 8.92(X)$$

Where T = number of daily trips

X = rooms

AM Peak Hour of Adjacent Street (Typical Morning Rush Hour)

$$T = 0.78(X) - 29.80$$

Where T = number of daily trips

X = rooms

PM Peak Hour of Adjacent Street (Typical Afternoon Rush Hour)

$$T = 0.70(X)$$

Where T = number of daily trips

X = rooms

TRIP DISTRIBUTION AND TRAFFIC ASSIGNMENT

Based on the knowledge of the local network, existing street system surrounding the project and the current traffic volumes on US 1/Federal Highway and Dania Beach Boulevard, and engineering experience the following traffic assignment was developed for the subject mixed-use project:

- 40% to and from the north via US 1/Federal Highway
- 35% to and from the south via US 1/Federal Highway
- 5% to and from the east via NE 1st Street
- 10% to and from the east via Dania Beach Boulevard
- 5% to and from the west via NE 1st Street
- 5% to and from the west via Dania Beach Boulevard

The new peak hour traffic generated by the project was assigned to the nearby transportation network using the traffic assignment documented above. The new project traffic assignment is summarized in Figures 4A and 4B.

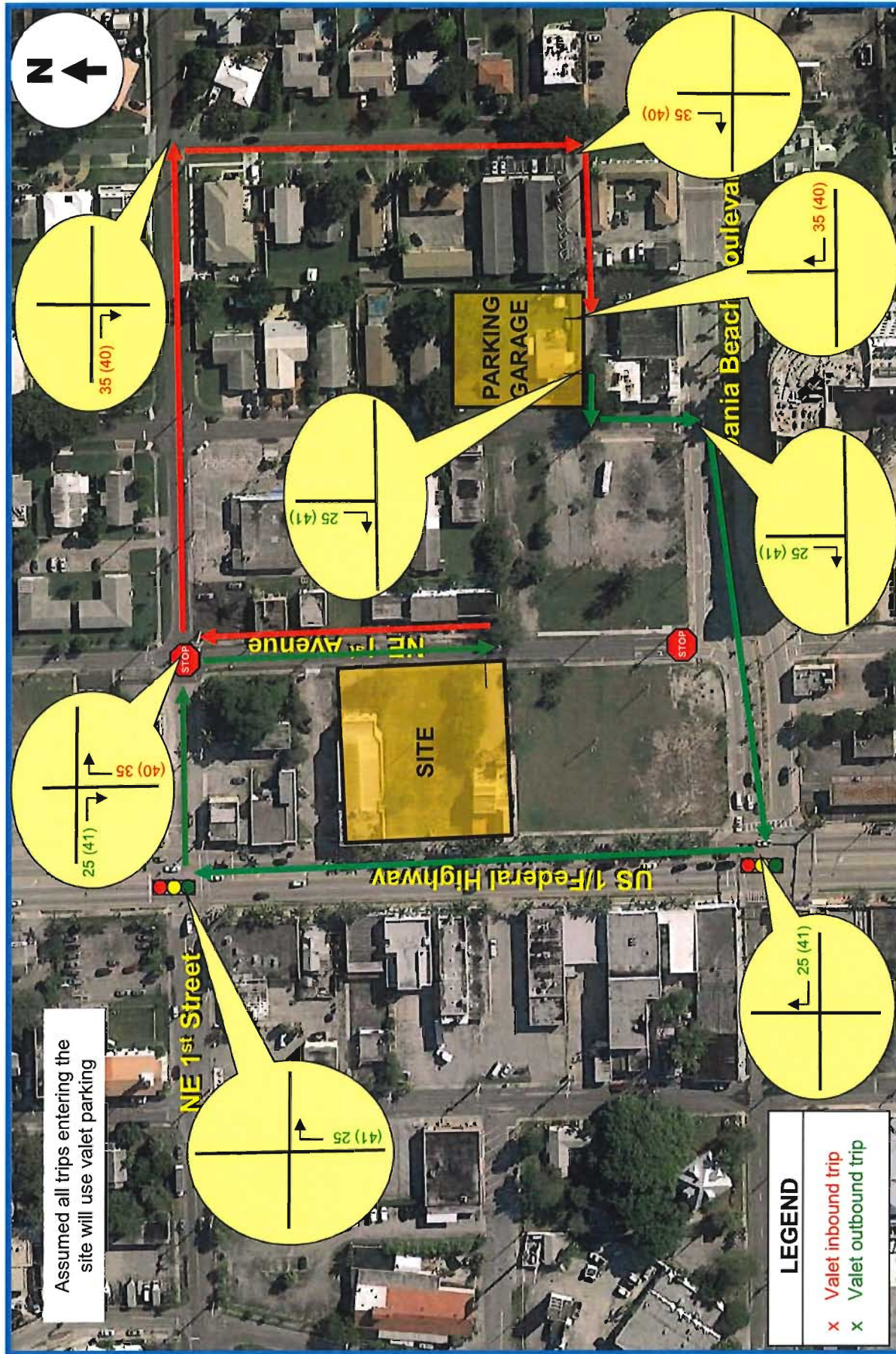


FIGURE 4B
 Tru by Hilton
 Dania Beach, Florida

VALET PARKING TRIPS
Weekday New Peak Hour Trips AM & (PM)

TRAFFIC ANALYSIS

This section of the study is divided into three parts. The first part consists of developing the future conditions traffic volumes for the study area. The second part includes level-of-service analyses for existing and future conditions.

Future Conditions Traffic Volumes

Two sets of future traffic volumes were developed. The first set includes project buildout conditions without the proposed project and the second set adds the new trips anticipated to be generated by the project.

In order to develop year 2018 traffic volumes (project anticipated to be built and occupied by the end of 2018), without the proposed project, two separate analyses were undertaken. The first analysis converts the existing peak hour traffic counts collected in the field during the month of May to average peak season conditions. Based on FDOT's Peak Season Factor Category report, a factor of 1.13 is required to convert traffic counts collected during the fourth week of May to average peak season conditions (refer to Appendix C). The second analysis includes a growth factor to project 2016 peak season traffic volumes to the year 2018. For purposes of this traffic study, a 1.0% growth rate was applied to the 2016 traffic counts in order to develop 2018 background traffic conditions. The 1.0 % traffic growth rate was applied in order to account for nearby committed developments.

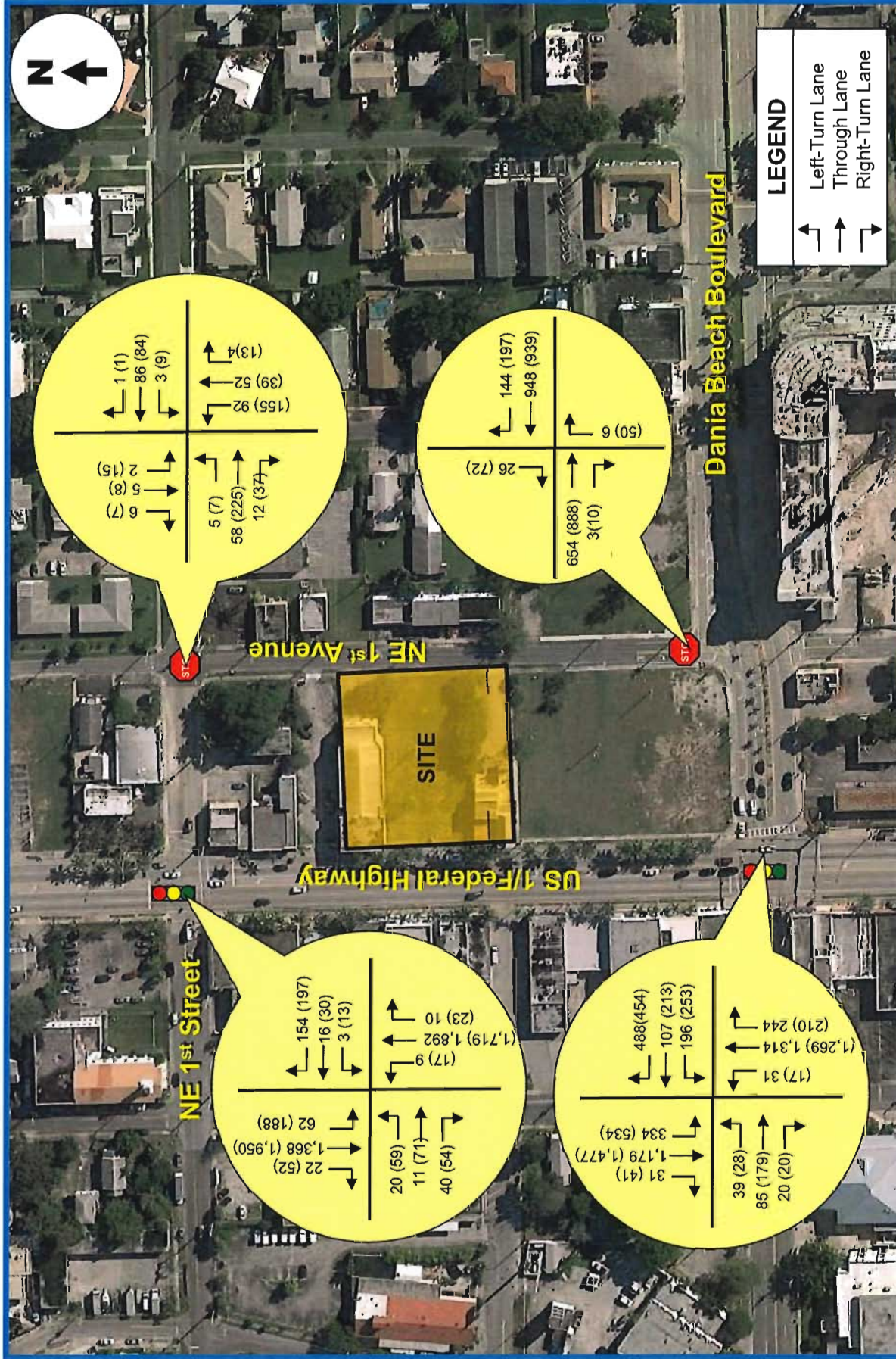
The new trips generated by the Tru by Hilton Hotel (refer to Figure 4) were added to the 2018 background traffic in order to develop total traffic conditions. The future traffic projections for the study intersections (peak season adjustments, traffic growth rates, committed developments and project traffic) are presented in tabular format in Appendix D. Figures 5 and 6 present the year 2018 future traffic volumes for the study area.

Figure 5 includes background traffic only (without the proposed project) and Figure 6 includes the additional traffic anticipated to be generated by the proposed project.

Level of Service Analyses

Intersection capacity/level of service analyses were conducted for the four study intersections. The analyses were undertaken following the capacity/level of service procedures outlined in the Highway Capacity Manual (HCM) using the SYNCHRO software. The results of the capacity analyses are summarized in Table 2. As indicated in Table 2, all study intersections are currently operating at an acceptable level of service in the year 2018 with the proposed project in place with one exception. The exception is the signalized intersection of US 1/Federal Highway at Dania Beach Boulevard. However, the intersection is projected to operate at deficient level of service in the year 2018 without the project and it is expected to continue operating deficiently with the project in place.

The access driveway off of NE 1st Avenue are projected to operate at level of service “A” and “B” as a stop-control intersection during the AM and PM peak hours. No turn lanes are required at the access driveway.



BACKGROUND TRAFFIC – Year 2018
Weekdays Peak Hour Trips AM & (PM)

FIGURE 5
 Tru by Hilton
 Dania Beach, Florida

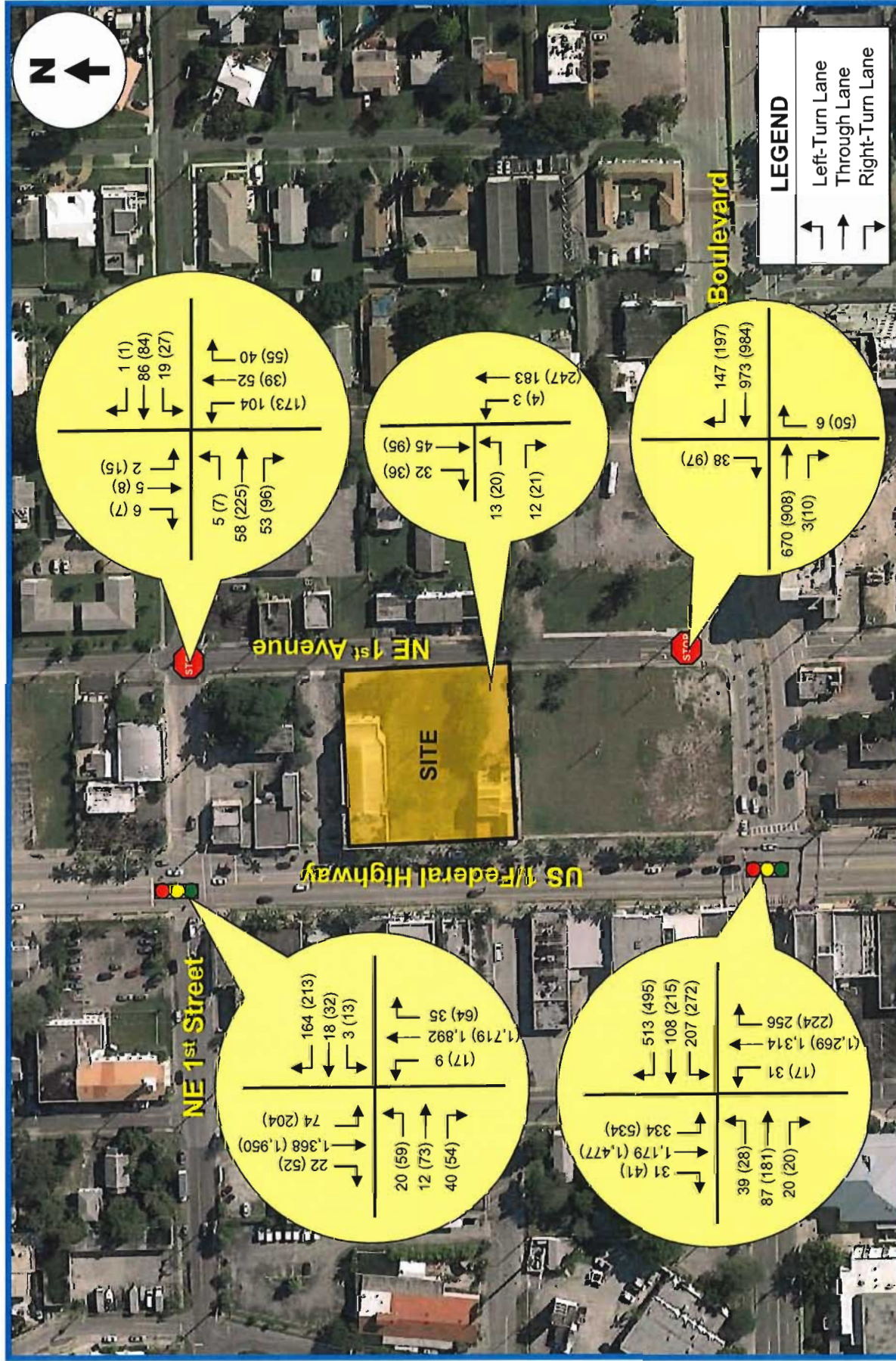


FIGURE 6
 Tru by Hilton
 Dania Beach, Florida

TOTAL TRAFFIC with PROJECT – Year 2018
(Weekdays Peak Hour Trips AM & PM)

TABLE 2 Intersection Level of Service Tru by Hilton			
Intersection	2016 Existing	Future Traffic Conditions	
		2018 w/o Project	2018 With Project
US 1/Federal Highway at Dania Beach Boulevard (signal)	F (E)	F (F)	F (F)
US 1/Federal Highway at NE 1 st Street (signal)	A (B)	A (C)	B (D)
Dania Beach Boulevard at NE 1 st Avenue (stop)			
- NB	B (B)	B (B)	B (B)
- SB	B (B)	B (B)	B (B)
NE 1 st Street and NE 1 st Avenue (stop)			
- NB	B (B)	B (C)	B (C)
- SB	A (B)	A (B)	B (B)
NE 1 st Avenue at Project Driveway (stop)			
- EB			A (B)

Source: Highway Capacity Manual

The computer printouts of the intersection capacity analyses are contained in Appendix E.

Valet Operation

The Tru by Hilton project will provide valet parking service. All vehicles will access the valet station and a valet attendant will park vehicles at or retrieve vehicles from a parking garage located at 18 NE 1 Court, Dania Beach, Florida.

In order to determine the stacking requirements associated with the valet operation, a queuing analysis was undertaken. As indicated in Table 1, the maximum number of inbound vehicles associated with this project, during a one-hour period, is approximately 35 vehicles in the morning and 40 vehicles in the afternoon.

A queuing analysis was conducted in order to ensure that the on-street stacking is sufficient to accommodate the maximum inbound vehicular demand anticipated at this facility. The length of queue anticipated on the service alley was determined using information contained in ITE's *Transportation and Land Development*, Chapter 8 – Drive-In Facilities¹. For this analysis, the following input variables were used:

- Service Rate: It was assumed that the average time to park/unpark a vehicle by a valet runner is approximately six minutes, or 10 vehicles per hour per valet runner. Assuming up to six (6) valet runners, the maximum service rate of the facility is 60 vehicles in a one-hour period.
- Demand Rate: As indicated above, a maximum of 40 vehicles will arrive during the highest hour (i.e., PM peak).

Using equation 8-9b and Table 8-11 of ITE's *Transportation and Land Development*, the maximum length of queue anticipated on the service alley, at the 90% confidence level, is three vehicles. Therefore, the valet station on the service alley should provide parking for at least four (4) vehicles. The results of the ITE queuing procedure is contained in Appendix F.

¹ By Vergil G. Stover and Frank J. Koepke.

CONCLUSIONS AND RECOMMENDATIONS

Tru by Hilton is a proposed hotel planned to be located at 24 N. South Federal Highway, Dania Beach Boulevard in Broward County, Florida.

The existing site is currently vacant. The proposed project will be developed with the following land uses and intensity:

- 115 hotel rooms
- 997 sf of Retail (ancillary to the hotel land use)

Access to the site will be provided via one access driveway on NE 1st Avenue. The proposed development also includes valet parking service and the valet parking operation is anticipated at a parking garage located at 18 NE 1 Court, Dania Beach, Florida. For purposes of this traffic study, the project is anticipated to be built and occupied by the end of 2018.

Traf Tech Engineering, Inc. was retained by AD1 Wholesale, LLC to conduct a traffic study in connection with the proposed development. The conclusions and recommendations of the traffic study are presented below:

- The new trips anticipated to be generated by the proposed development consist of approximately 1,026 daily trips, approximately 60 trips during the AM peak hour (35 inbound and 25 outbound) and approximately 81 PM peak hour trips (40 inbound and 41 outbound).
- All study intersections are currently operating at an acceptable level of service in the year 2018 with the proposed project in place with one exception. The exception is the signalized intersection of US 1/Federal Highway at Dania Beach Boulevard. However, the intersection is projected to operate at deficient level of service in the year 2018 without the project and it is expected to continue operating deficiently with the project in place.

-
- The access driveway off of NE 1st Avenue are projected to operate at level of service “A” and “B” as a stop-control intersection during the AM and PM peak hours. No turn lanes are required at the access driveway.
 - The valet station on the Service Alley should provide stacking for at least four (4) vehicles

APPENDIX A

Site Plan – Tru by Hilton

APPENDIX B

Intersection Turning Movement Counts and Signal Timing Plan

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : DANIA BCH BLVD @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed- AUTOS - HEAVY VEHICLES

Start Time	US 1						DANIA BEACH BLVD						US 1						DANIA BEACH BLVD					
	From North			From East			From South			From West			From North			From East			From South			From West		
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds
07:00 AM	3	133	57	0	111	13	12	0	50	163	3	1	6	10	4	0	6	10	4	0	6	10	4	0
07:15 AM	4	162	68	0	116	22	22	2	35	236	4	5	4	7	4	0	4	7	4	0	4	7	4	0
07:30 AM	6	153	65	0	145	19	19	4	44	296	4	7	6	12	4	0	6	12	4	0	6	12	4	0
07:45 AM	11	154	60	0	122	39	26	0	41	291	5	4	5	18	6	1	5	18	6	1	5	18	6	1
Total	24	602	250	0	494	93	79	6	170	986	16	17	21	47	18	1	21	47	18	1	21	47	18	1
08:00 AM	5	256	73	0	94	19	27	0	52	330	4	4	3	14	11	1	3	14	11	1	3	14	11	1
08:15 AM	9	293	74	1	129	24	28	4	43	289	7	3	8	15	6	0	8	15	6	0	8	15	6	0
08:30 AM	6	221	67	2	112	22	35	1	44	288	7	3	4	21	7	0	4	21	7	0	4	21	7	0
08:45 AM	7	253	76	1	88	22	20	0	57	233	9	2	2	21	8	1	2	21	8	1	2	21	8	1
Total	27	1023	290	4	423	87	110	5	196	1140	27	12	17	71	32	2	17	71	32	2	17	71	32	2
*** BREAK ***																								
04:00 PM	9	331	106	0	80	25	30	1	28	239	7	6	5	22	5	0	5	22	5	0	5	22	5	0
04:15 PM	8	293	100	1	121	57	44	1	29	208	2	9	3	23	9	0	3	23	9	0	3	23	9	0
04:30 PM	4	324	99	0	123	46	22	0	23	273	5	4	8	23	8	3	8	23	8	3	8	23	8	3
04:45 PM	13	314	101	0	109	46	35	0	30	195	4	1	4	36	3	1	4	36	3	1	4	36	3	1
Total	34	1262	406	1	433	174	131	2	110	915	18	20	20	104	25	4	20	104	25	4	20	104	25	4
05:00 PM	8	298	101	0	91	47	36	0	35	284	3	6	6	34	6	0	6	34	6	0	6	34	6	0
05:15 PM	13	306	133	2	116	43	38	0	27	251	3	6	6	42	4	0	6	42	4	0	6	42	4	0
05:30 PM	10	343	124	0	115	43	36	0	21	267	5	2	3	43	6	0	3	43	6	0	3	43	6	0
05:45 PM	5	334	105	1	72	45	34	1	45	299	4	10	2	32	5	0	2	32	5	0	2	32	5	0
Total	36	1281	463	3	394	178	144	1	128	1101	15	24	17	151	21	0	17	151	21	0	17	151	21	0
Grand Total	121	4168	1409	8	1744	532	464	14	604	4142	76	73	75	373	96	7	75	373	96	7	75	373	96	7
Approch %	2.1	73	24.7	0.1	63.3	19.3	16.8	0.5	12.3	84.6	1.6	1.5	13.6	67.7	17.4	1.3	13.6	67.7	17.4	1.3	13.6	67.7	17.4	1.3
Total %	0.9	30	10.1	0.1	12.5	3.8	3.3	0.1	4.3	29.8	0.5	0.5	0.5	2.7	0.7	0.1	0.5	2.7	0.7	0.1	0.5	2.7	0.7	0.1
AUTOS	121	4108	1390	8	1723	523	454	14	586	4045	71	73	64	363	94	7	64	363	94	7	64	363	94	7
% AUTOS	100	98.6	98.7	100	98.8	98.3	97.8	100	97	97.7	93.4	100	85.3	97.3	97.9	100	85.3	97.3	97.9	100	85.3	97.3	97.9	100
HEAVY VEHICLES	0	60	19	0	21	9	10	0	18	97	5	0	11	10	2	0	11	10	2	0	11	10	2	0
% HEAVY VEHICLES	0	1.4	1.3	0	1.2	1.7	2.2	0	3	2.3	6.6	0	14.7	2.7	2.1	0	14.7	2.7	2.1	0	14.7	2.7	2.1	0

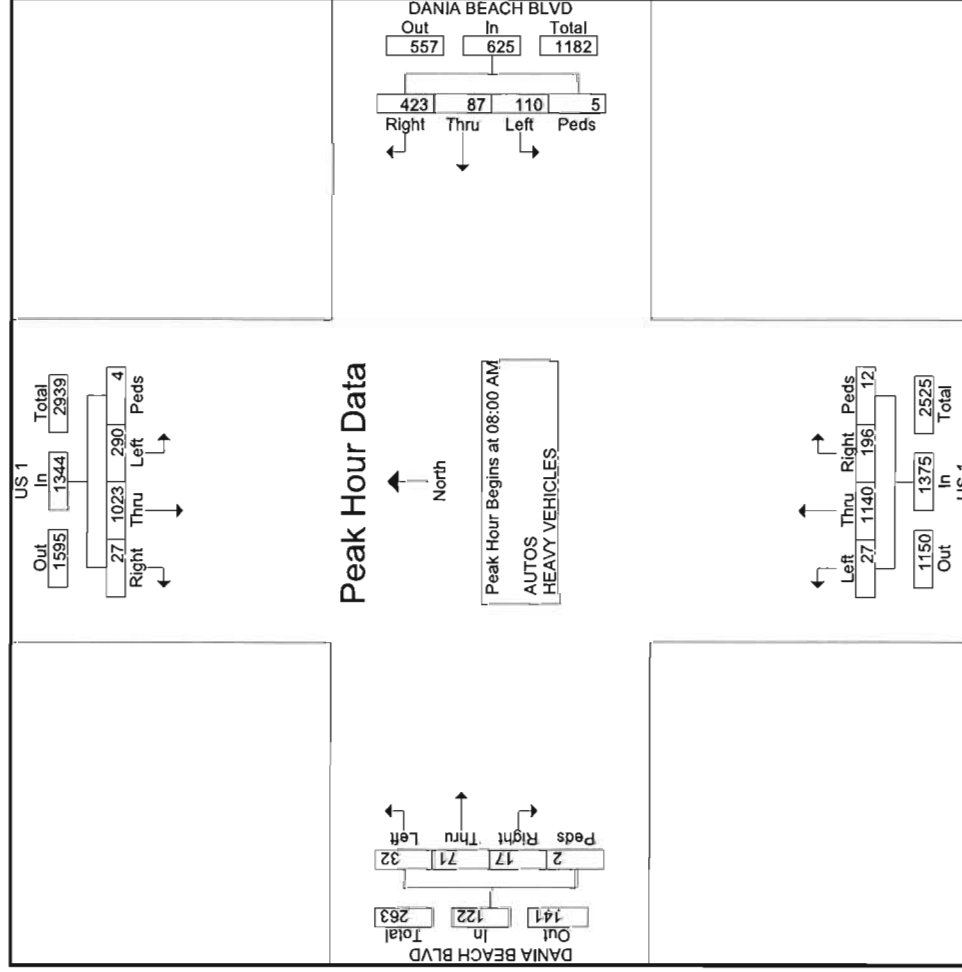
Crossroads Engineering

8320 SW 90th Street
Miami, FL 33186
786-236-2857

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : DANIA BCH BLVD @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 2

US 1 From North						DANIA BEACH BLVD From East						US 1 From South						DANIA BEACH BLVD From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total		
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																							
Peak Hour for Entire Intersection Begins at 08:00 AM																							
08:00 AM	5	256	73	0	334	94	19	27	0	140	52	330	4	4	390	3	14	11	1	29	893		
08:15 AM	9	293	74	1	377	129	24	28	4	185	43	289	7	3	342	8	15	6	0	29	933		
08:30 AM	6	221	67	2	296	112	22	35	1	170	44	288	7	3	342	4	21	7	0	32	840		
08:45 AM	7	253	76	1	337	88	22	20	0	130	57	233	9	2	301	2	21	8	1	32	800		
Total Volume	27	1023	290	4	1344	423	87	110	5	625	196	1140	27	12	1375	17	71	32	2	122	3466		
% App. Total	2	76.1	21.6	0.3		67.7	13.9	17.6	0.8		14.3	82.9	2	0.9		13.9	58.2	26.2	1.6				
PHF	.750	.873	.954	.500	.891	.820	.906	.786	.313	.845	.860	.864	.750	.750	.881	.531	.845	.727	.500	.953	.929		



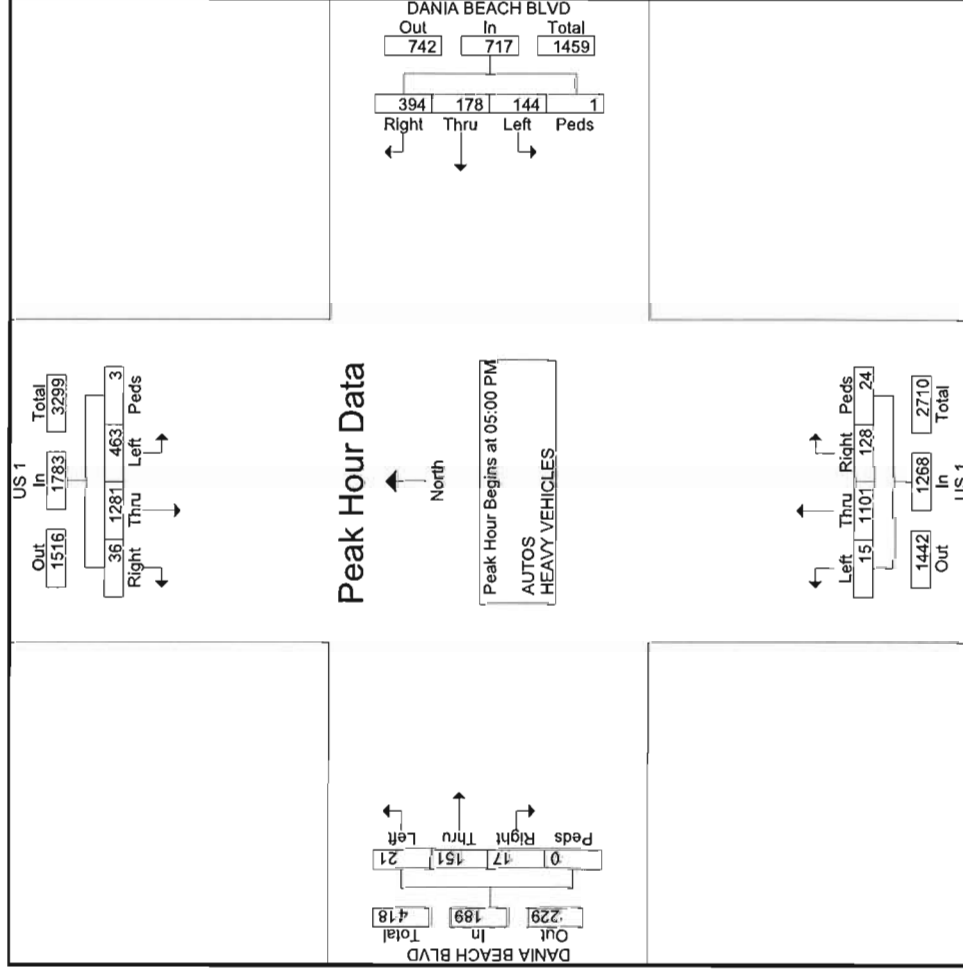
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Site Code : 00000000
Start Date : 5/26/2016
Page No : 4

	US 1 From North					DANIA BEACH BLVD From East					US 1 From South					DANIA BEACH BLVD From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	8	298	101	0	407	91	47	36	0	174	35	284	3	6	328	6	34	6	0	46	955
05:15 PM	13	306	133	2	454	116	43	38	0	197	27	251	3	6	287	6	42	4	0	52	990
05:30 PM	10	343	124	0	477	115	43	36	0	194	21	267	5	2	295	3	43	6	0	52	1018
05:45 PM	5	334	105	1	445	72	45	34	1	152	45	299	4	10	358	2	32	5	0	39	994
Total Volume	36	1281	463	3	1783	394	178	144	1	717	128	1101	15	24	1268	17	151	21	0	189	3957
% App. Total	2	71.8	26	0.2		55	24.8	20.1	0.1		10.1	86.8	1.2	1.9		9	79.9	11.1	0		
PHF	.692	.934	.870	.375	.934	.849	.947	.947	.250	.910	.711	.921	.750	.600	.885	.708	.878	.875	.000	.909	.972



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File Name : DANIA BCH BLVD @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed- HEAVY VEHICLES

Start Time	US 1 From North					DANIA BEACH BLVD From East					US 1 From South					DANIA BEACH BLVD From West					Int. Total
	Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		
07:00 AM	0	8	1	0		1	1	1	0		2	5	1	0		0	0	0	0		20
07:15 AM	0	5	2	0		1	0	1	0		1	4	1	0		0	0	0	0		15
07:30 AM	0	1	3	0		0	0	0	0		1	9	1	0		1	1	0	0		17
07:45 AM	0	6	2	0		1	1	1	0		0	7	0	0		2	0	0	0		20
Total	0	20	8	0		3	2	3	0		4	25	3	0		3	1	0	0		72
08:00 AM	0	8	0	0		0	0	1	0		1	4	0	0		0	0	0	0		14
08:15 AM	0	4	2	0		2	0	0	0		2	5	1	0		3	1	0	0		20
08:30 AM	0	4	3	0		3	2	2	0		2	7	1	0		0	0	0	0		24
08:45 AM	0	4	1	0		0	0	0	0		2	6	0	0		1	2	1	0		17
Total	0	20	6	0		5	2	3	0		7	22	2	0		4	3	1	0		75
*** BREAK ***																					
04:00 PM	0	5	2	0		2	0	0	0		0	9	0	0		1	2	0	0		21
04:15 PM	0	2	0	0		2	1	0	0		2	4	0	0		0	0	1	0		12
04:30 PM	0	2	1	0		1	1	0	0		0	7	0	0		0	0	0	0		12
04:45 PM	0	4	1	0		5	1	1	0		1	7	0	0		0	0	0	0		20
Total	0	13	4	0		10	3	1	0		3	27	0	0		1	2	1	0		65
05:00 PM	0	2	0	0		0	0	1	0		2	3	0	0		1	0	0	0		9
05:15 PM	0	0	0	0		1	1	1	0		0	8	0	0		1	3	0	0		15
05:30 PM	0	3	1	0		2	0	0	0		1	6	0	0		1	0	0	0		14
05:45 PM	0	2	0	0		0	1	1	0		1	6	0	0		0	1	0	0		12
Total	0	7	1	0		3	2	3	0		4	23	0	0		3	4	0	0		50
Grand Total	0	60	19	0		21	9	10	0		18	97	5	0		11	10	2	0		262
Approch %	0	75.9	24.1	0		52.5	22.5	25	0		15	80.8	4.2	0		47.8	43.5	8.7	0		
Total %	0	22.9	7.3	0		8	3.4	3.8	0		6.9	37	1.9	0		4.2	3.8	0.8	0		

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File Name : NE 1ST ST @ US1
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Start Date : 5/26/2016
Page No : 1

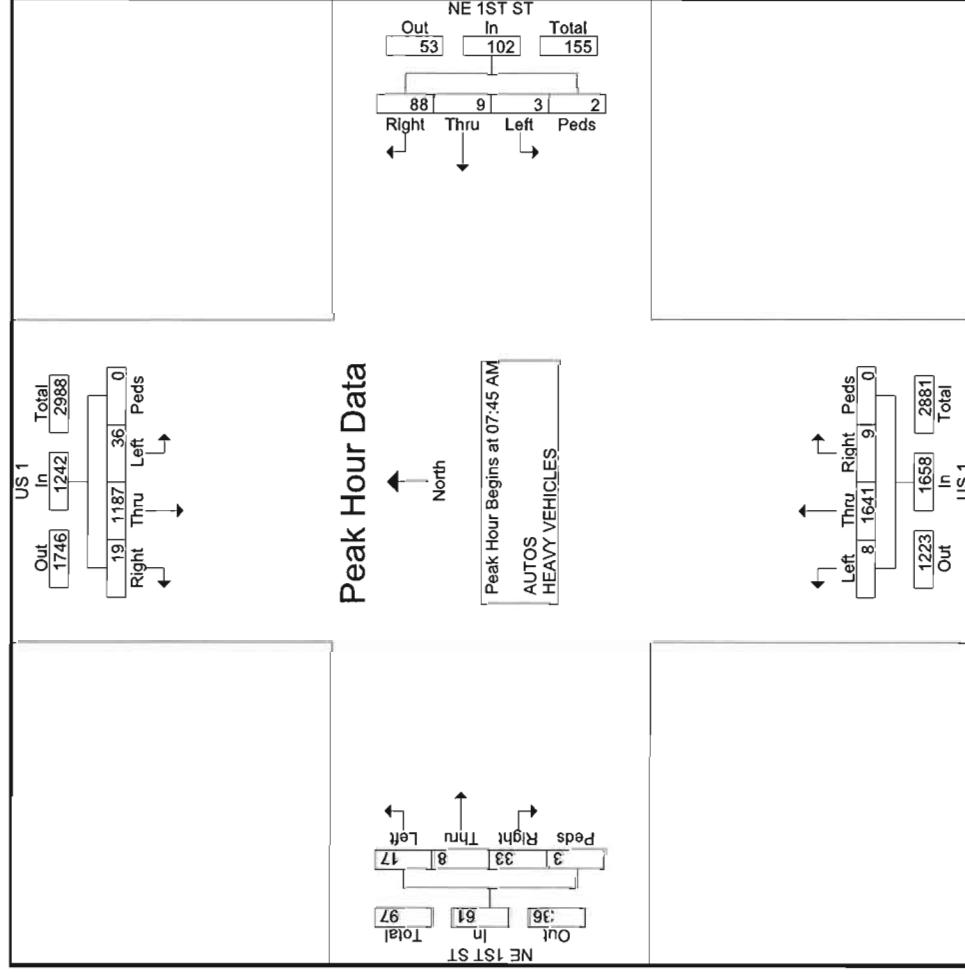
Groups Printed- AUTOS - HEAVY VEHICLES															
US 1								US 1							
From North				From East				From South				From West			
Start Time	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Right	Thru	Left	Peds
07:00 AM	1	192	4	0	15	3	3	0	1	238	6	6	2	5	0
07:15 AM	3	216	3	0	26	1	1	2	0	372	5	0	2	4	0
07:30 AM	8	203	7	0	29	0	2	2	0	358	9	1	1	16	1
07:45 AM	5	228	7	0	19	3	2	0	2	459	1	0	15	3	1
Total	17	839	21	0	89	7	8	4	3	1427	21	1	39	28	2
08:00 AM	3	308	5	0	21	3	0	2	3	373	1	0	3	8	0
08:15 AM	8	356	14	0	31	3	0	0	2	431	2	0	7	2	0
08:30 AM	3	295	10	0	17	0	1	0	2	378	4	0	8	4	2
08:45 AM	7	349	14	0	14	2	0	0	1	305	4	0	12	6	1
Total	21	1308	43	0	83	8	1	2	8	1487	11	0	30	20	3
*** BREAK ***															
04:00 PM	5	389	16	0	31	3	3	1	5	336	8	1	18	6	0
04:15 PM	5	406	15	0	24	8	1	1	3	377	3	0	8	5	1
04:30 PM	6	391	17	0	30	3	1	0	4	343	9	0	14	7	3
04:45 PM	8	407	24	1	31	7	3	3	5	354	2	0	11	14	1
Total	24	1593	72	1	116	21	8	5	17	1410	22	1	51	32	5
05:00 PM	10	431	31	1	39	3	2	2	5	397	7	0	13	17	0
05:15 PM	16	420	22	0	18	5	5	3	3	385	3	3	11	13	2
05:30 PM	11	434	24	0	36	5	1	3	7	355	3	0	8	13	9
05:45 PM	11	407	32	0	43	4	3	3	1	338	3	0	11	14	1
Total	48	1692	109	1	136	17	11	11	16	1475	16	3	43	57	4
Grand Total	110	5432	245	2	424	53	28	22	44	5799	70	5	163	103	14
Approch %	1.9	93.8	4.2	0	80.5	10.1	5.3	4.2	0.7	98	1.2	0.1	39.7	25.1	3.4
Total %	0.9	43	1.9	0	3.4	0.4	0.2	0.2	0.3	45.9	0.6	0	1.3	0.8	0.1
AUTOS	105	5348	242	2	419	52	28	22	43	5714	66	5	152	101	14
% AUTOS	95.5	98.5	98.8	100	98.8	98.1	100	100	97.7	98.5	94.3	100	93.3	98.1	100
HEAVY VEHICLES	5	84	3	0	5	1	0	0	1	85	4	0	11	2	0
% HEAVY VEHICLES	4.5	1.5	1.2	0	1.2	1.9	0	0	2.3	1.5	5.7	0	6.7	1.9	0

*** BREAK ***

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : NE 1ST ST @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 2

Start Time	US 1 From North				NE 1ST ST From East				US 1 From South				NE 1ST ST From West			
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:45 AM																
07:45 AM	5	228	7	0	240	19	3	2	0	24	2	459	1	0	462	747
08:00 AM	3	308	5	0	316	21	3	0	2	26	3	373	1	0	377	732
08:15 AM	8	356	14	0	378	31	3	0	0	34	2	431	2	0	435	858
08:30 AM	3	295	10	0	308	17	0	1	0	18	2	378	4	0	384	726
Total Volume	19	1187	36	0	1242	88	9	3	2	102	9	1641	8	0	1658	3063
% App. Total	1.5	95.6	2.9	0		86.3	8.8	2.9	2		0.5	99	0.5	0	54.1	
PHF	.594	.834	.643	.000	.821	.710	.750	.375	.250	.750	.750	.894	.500	.000	.897	.892



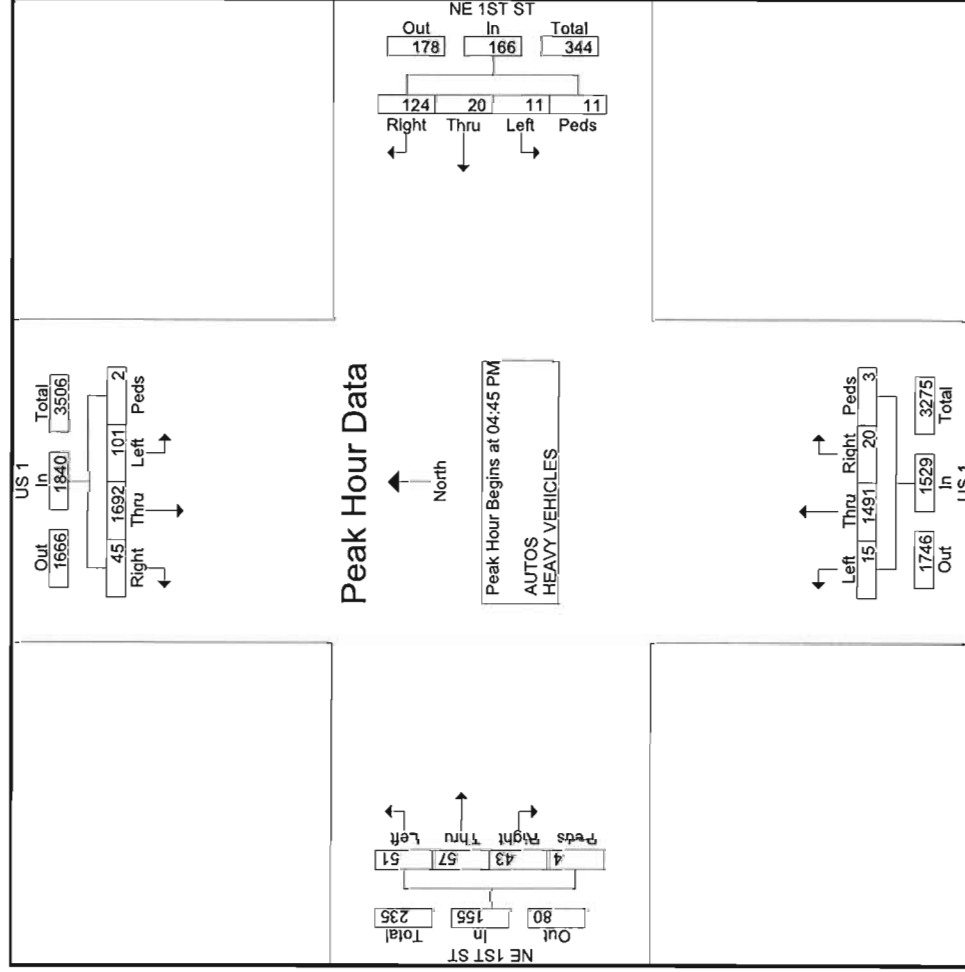
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File Name : NE 1ST ST @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 4

	US 1 From North					NE 1ST ST From East					US 1 From South					NE 1ST ST From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 04:45 PM																					
04:45 PM	8	407	24	1	440	31	7	3	3	44	5	354	2	0	361	11	14	21	1	47	892
05:00 PM	10	431	31	1	473	39	3	2	2	46	5	397	7	0	409	13	17	7	0	37	965
05:15 PM	16	420	22	0	458	18	5	5	3	31	3	385	3	3	394	11	13	14	2	40	923
05:30 PM	11	434	24	0	469	36	5	1	3	45	7	355	3	0	365	8	13	9	1	31	910
Total Volume	45	1692	101	2	1840	124	20	11	11	166	20	1491	15	3	1529	43	57	51	4	155	3690
% App. Total	2.4	92	5.5	0.1		74.7	12	6.6	6.6		1.3	97.5	1	0.2		27.7	36.8	32.9	2.6		
PHF	.703	.975	.815	.500	.973	.795	.714	.550	.917	.902	.714	.939	.536	.250	.935	.827	.838	.607	.500	.824	.956



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File Name : NE 1ST ST @ US1
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed- HEAVY VEHICLES

Start Time	US 1					NE 1ST ST					US 1					NE 1ST ST				
	Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds	Int. Total
07:00 AM	0	7	0	0		0	0	0	0		0	4	1	0		1	0	0	0	13
07:15 AM	0	4	0	0		1	0	0	0		0	3	1	0		3	0	0	0	12
07:30 AM	0	5	0	0		0	0	0	0		0	8	2	0		1	0	1	0	17
07:45 AM	0	10	0	0		0	0	0	0		0	4	0	0		0	0	0	0	14
Total	0	26	0	0		1	0	0	0		0	19	4	0		5	0	1	0	56
08:00 AM	0	8	0	0		0	0	0	0		0	5	0	0		0	0	0	0	13
08:15 AM	0	9	1	0		1	1	0	0		0	5	0	0		1	0	1	0	19
08:30 AM	1	5	0	0		0	0	0	0		0	8	0	0		1	1	0	0	16
08:45 AM	2	5	1	0		0	0	0	0		0	7	0	0		2	0	0	0	17
Total	3	27	2	0		1	1	0	0		0	25	0	0		4	1	1	0	65
*** BREAK ***																				
04:00 PM	0	2	0	0		1	0	0	0		1	4	0	0		1	0	0	0	9
04:15 PM	0	3	0	0		1	0	0	0		0	9	0	0		0	0	0	0	13
04:30 PM	0	6	0	0		1	0	0	0		0	4	0	0		0	0	0	0	11
04:45 PM	0	5	0	0		0	0	0	0		0	9	0	0		0	0	0	0	14
Total	0	16	0	0		3	0	0	0		1	26	0	0		1	0	0	0	47
05:00 PM	1	6	1	0		0	0	0	0		0	3	0	0		0	1	0	0	12
05:15 PM	0	3	0	0		0	0	0	0		0	4	0	0		0	0	0	0	7
05:30 PM	1	5	0	0		0	0	0	0		0	3	0	0		1	0	1	0	11
05:45 PM	0	1	0	0		0	0	0	0		0	5	0	0		0	0	0	0	6
Total	2	15	1	0		0	0	0	0		0	15	0	0		1	1	1	0	36
Grand Total	5	84	3	0		5	1	0	0		1	85	4	0		11	2	3	0	204
Approch %	5.4	91.3	3.3	0		83.3	16.7	0	0		1.1	94.4	4.4	0		68.8	12.5	18.8	0	
Total %	2.5	41.2	1.5	0		2.5	0.5	0	0		0.5	41.7	2	0		5.4	1	1.5	0	

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : DANIA BCH BLVD @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed - AUTOS - HEAVY VEHICLES

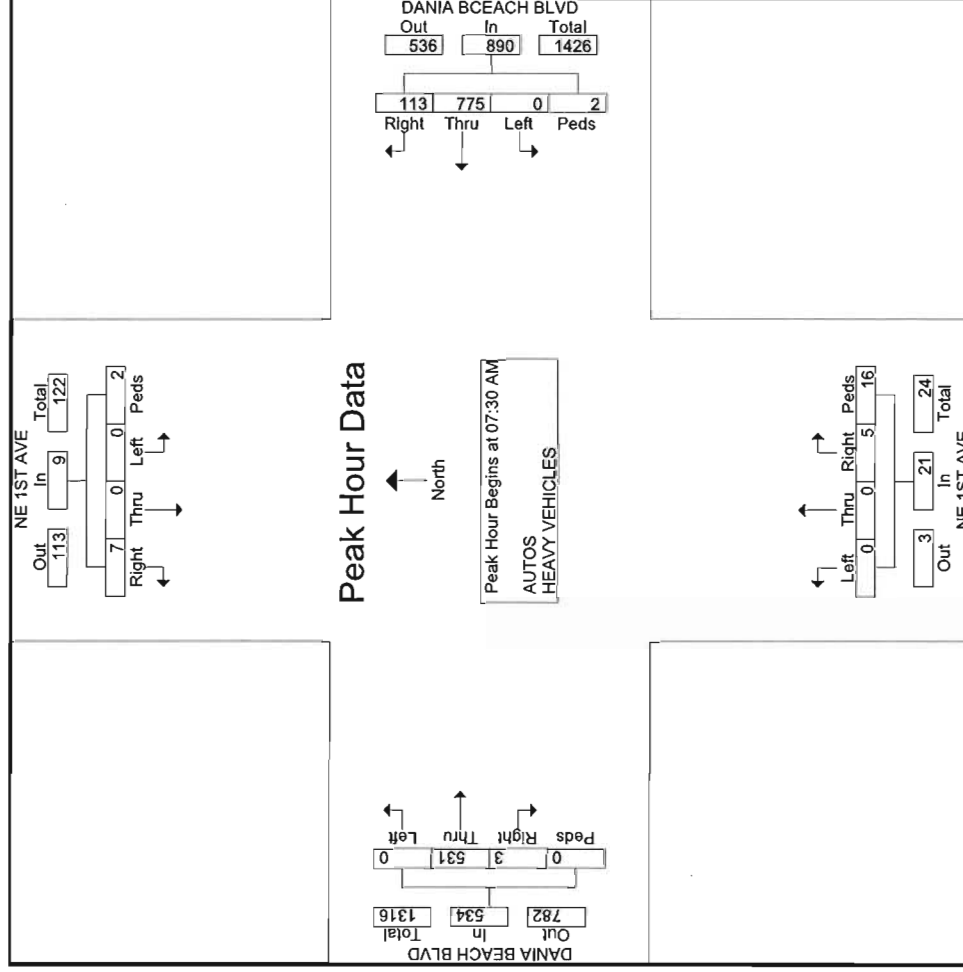
Start Time	NE 1ST AVE From North				DANIA BEACH BLVD From East				NE 1ST AVE From South				DANIA BEACH BLVD From West			
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds
07:00 AM	0	0	0	0	14	119	0	0	1	0	0	0	2	112	0	0
07:15 AM	1	0	0	0	28	137	0	0	3	0	0	0	0	95	0	0
07:30 AM	1	0	0	0	32	208	0	1	5	0	0	0	2	133	0	0
07:45 AM	1	0	0	0	22	204	0	1	0	0	0	1	0	130	0	0
Total	3	0	0	0	96	668	0	2	9	0	0	14	4	470	0	0
08:00 AM	2	0	0	1	28	175	0	0	0	0	0	0	0	149	0	0
08:15 AM	3	0	0	1	31	188	0	0	0	0	0	6	1	119	0	0
08:30 AM	1	0	0	0	19	156	0	1	0	0	0	10	0	126	0	0
08:45 AM	1	0	0	1	20	124	0	1	0	0	0	2	1	145	0	0
Total	7	0	0	3	98	643	0	2	0	0	0	20	2	539	0	0
*** BREAK ***																
04:00 PM	6	0	0	4	30	166	0	3	8	0	0	0	1	159	0	0
04:15 PM	2	0	0	4	36	154	0	6	8	0	0	0	1	154	0	1
04:30 PM	1	0	0	1	30	216	0	1	12	0	0	0	0	162	0	1
04:45 PM	3	0	0	2	28	183	0	0	9	0	0	8	5	158	0	0
Total	12	0	0	11	124	719	0	10	37	0	0	28	7	633	0	2
05:00 PM	2	0	0	0	44	224	0	0	17	0	0	0	1	180	0	0
05:15 PM	4	0	0	3	30	176	0	0	5	0	0	14	3	176	0	0
05:30 PM	4	0	0	4	28	157	0	0	5	0	0	13	21	164	0	0
05:45 PM	6	0	0	0	28	168	1	1	14	0	0	7	2	187	0	0
Total	16	0	0	7	130	725	1	1	41	0	0	37	27	707	0	0
Grand Total	38	0	0	21	448	2755	1	15	87	0	0	99	40	2349	0	2
Approch %	64.4	0	0	35.6	13.9	85.6	0	0.5	46.8	0	0	53.2	1.7	98.2	0	0.1
Total %	0.6	0	0	0.4	7.7	47.1	0	0.3	1.5	0	0	1.7	0.7	40.1	0	0
AUTOS	37	0	0	21	444	2720	1	15	84	0	0	99	39	2313	0	2
% AUTOS	97.4	0	0	100	99.1	98.7	100	100	96.6	0	0	100	97.5	98.5	0	100
HEAVY VEHICLES	1	0	0	0	4	35	0	0	3	0	0	0	1	36	0	0
% HEAVY VEHICLES	2.6	0	0	0	0.9	1.3	0	0	3.4	0	0	0	2.5	1.5	0	0

*** BREAK ***

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : DANIA BCH BLVD @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 2

Start Time	NE 1ST AVE From North				DANIA BEACH BLVD From East				NE 1ST AVE From South				DANIA BEACH BLVD From West			
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:30 AM																
07:30 AM	1	0	0	0	1	32	208	0	1	241	5	0	0	7	12	389
07:45 AM	1	0	0	0	1	22	204	0	1	227	0	0	0	1	1	359
08:00 AM	2	0	0	1	3	28	175	0	0	203	0	0	0	2	2	357
08:15 AM	3	0	0	1	4	31	188	0	0	219	0	0	0	6	6	349
Total Volume	7	0	0	2	9	113	775	0	2	890	5	0	0	16	21	1454
% App. Total	77.8	0	0	22.2		12.7	87.1	0	0.2		23.8	0	0	76.2	0.6	99.4
PHF	.583	.000	.000	.500	.563	.883	.931	.000	.500	.923	.250	.000	.000	.571	.438	.934



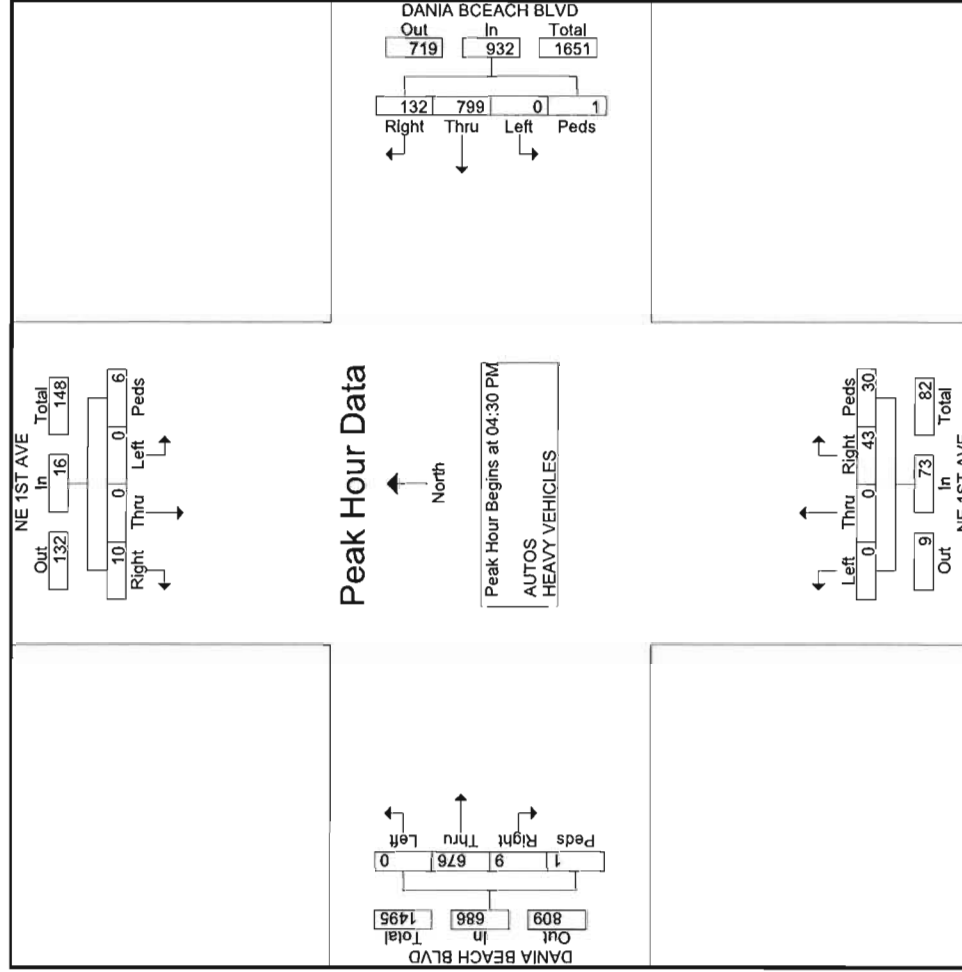
Crossroads Engineering

8320 SW 90th Street
Miami, FL 33186
786-236-2857

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : DANIA BCH BLVD @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 4

NE 1ST AVE From North						DANIA BCEACH BLVD From East						NE 1ST AVE From South						DANIA BEACH BLVD From West					
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total		
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																							
Peak Hour for Entire Intersection Begins at 04:30 PM																							
04:30 PM	1	0	0	1	2	30	216	0	1	247	12	0	0	5	17	0	162	0	1	163	429		
04:45 PM	3	0	0	2	5	28	183	0	0	211	9	0	0	8	17	5	158	0	0	163	396		
05:00 PM	2	0	0	0	2	44	224	0	0	268	17	0	0	3	20	1	180	0	0	181	471		
05:15 PM	4	0	0	3	7	30	176	0	0	206	5	0	0	14	19	3	176	0	0	179	411		
Total Volume	10	0	0	6	16	132	799	0	1	932	43	0	0	30	73	9	676	0	1	686	1707		
% App. Total	62.5	0	0	37.5		14.2	85.7	0	0.1		58.9	0	0	41.1		1.3	98.5	0	0.1				
PHF	.625	.000	.000	.500	.571	.750	.892	.000	.250	.869	.632	.000	.000	.536	.913	.450	.939	.000	.250	.948	.906		



CLIENT: TRAFTECH
JOB NO.: 2016-006
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COUNTY: BROWARD

File Name : DANIA BCH BLVD @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed- HEAVY VEHICLES

Start Time	NE 1ST AVE From North				DANIA BEACH BLVD From East				NE 1ST AVE From South				DANIA BEACH BLVD From West				Int. Total
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds	
07:00 AM	0	0	0	0	0	3	0	0	0	0	0	0	0	2	0	0	5
07:15 AM	0	0	0	0	1	2	0	0	0	0	0	0	0	2	0	0	5
07:30 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5
07:45 AM	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	1	7	0	0	0	0	0	0	0	9	0	0	17
08:00 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0	0	4
08:15 AM	0	0	0	0	0	4	0	0	0	0	0	0	1	5	0	0	10
08:30 AM	1	0	0	0	0	5	0	0	0	0	0	0	0	5	0	0	11
08:45 AM	0	0	0	0	0	1	0	0	0	0	0	0	0	5	0	0	6
Total	1	0	0	0	0	11	0	0	0	0	0	0	1	18	0	0	31
*** BREAK ***																	
04:00 PM	0	0	0	0	1	5	0	0	2	0	0	0	0	3	0	0	11
04:15 PM	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	3
04:30 PM	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	4
04:45 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	1	0	0	3
Total	0	0	0	0	3	10	0	0	3	0	0	0	0	5	0	0	21
05:00 PM	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
05:15 PM	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0	0	4
05:30 PM	0	0	0	0	0	4	0	0	0	0	0	0	0	1	0	0	5
05:45 PM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
Total	0	0	0	0	0	7	0	0	0	0	0	0	0	4	0	0	11
Grand Total	1	0	0	0	4	35	0	0	3	0	0	0	1	36	0	0	80
Approch %	100	0	0	0	10.3	89.7	0	0	100	0	0	0	2.7	97.3	0	0	
Total %	1.2	0	0	0	5	43.8	0	0	3.8	0	0	0	1.2	45	0	0	

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : NE 1ST ST @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 1

Groups Printed- AUTOS - HEAVY VEHICLES

Start Time	NE 1ST AVE From North					NE 1ST ST From East					NE 1ST AVE From South					NE 1ST ST From West				
	Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds		Right	Thru	Left	Peds	Int. Total
07:00 AM	2	0	0	1		0	5	0	0		0	2	13	0		0	5	0	0	28
07:15 AM	0	0	1	0		2	7	1	0		0	6	22	0		0	5	0	0	44
07:30 AM	1	0	1	0		0	8	1	0		1	13	20	1		0	7	0	0	53
07:45 AM	2	0	1	1		0	6	0	0		0	7	17	0		1	9	2	0	46
Total	5	0	3	2		2	26	2	0		1	28	72	1		1	26	2	0	171
08:00 AM	1	3	0	1		0	6	0	1		0	7	16	1		0	9	0	1	46
08:15 AM	1	1	0	0		1	11	1	0		1	18	19	0		0	15	2	0	70
08:30 AM	1	0	1	0		0	4	1	0		2	8	11	0		0	13	0	0	41
08:45 AM	0	1	0	0		0	3	0	0		1	4	10	0		0	14	1	0	34
Total	3	5	1	1		1	24	2	1		4	37	56	1		0	51	3	1	191
*** BREAK ***																				
04:00 PM	1	3	2	0		0	7	0	0		1	6	27	1		4	23	0	0	75
04:15 PM	1	1	1	0		2	6	1	0		0	9	27	0		1	20	2	0	71
04:30 PM	2	2	5	1		2	11	0	1		1	4	19	0		0	23	1	1	73
04:45 PM	3	1	5	2		2	6	0	0		1	4	30	0		0	40	0	1	95
Total	7	7	13	3		6	30	1	1		3	23	103	1		5	106	3	2	314
05:00 PM	3	0	1	1		1	14	1	0		2	13	33	1		3	38	3	0	114
05:15 PM	2	1	2	0		0	8	0	0		2	6	18	2		1	38	0	0	80
05:30 PM	1	3	6	1		0	18	4	0		1	4	25	0		3	36	2	0	104
05:45 PM	0	3	4	1		0	10	1	0		3	11	28	1		1	41	1	1	106
Total	6	7	13	3		1	50	6	0		8	34	104	4		8	153	6	1	404
Grand Total	21	19	30	9		10	130	11	2		16	122	335	7		14	336	14	4	1080
Approch %	26.6	24.1	38	11.4		6.5	85	7.2	1.3		3.3	25.4	69.8	1.5		3.8	91.3	3.8	1.1	
Total %	1.9	1.8	2.8	0.8		0.9	12	1	0.2		1.5	11.3	31	0.6		1.3	31.1	1.3	0.4	
AUTOS	21	17	29	9		9	127	9	2		15	116	331	7		14	329	14	4	1053
%AUTOS	100	89.5	96.7	100		90	97.7	81.8	100		93.8	95.1	98.8	100		100	97.9	100	100	97.5
HEAVY VEHICLES	0	2	1	0		1	3	2	0		1	6	4	0		0	7	0	0	27
% HEAVY VEHICLES	0	10.5	3.3	0		10	2.3	18.2	0		6.2	4.9	1.2	0		0	2.1	0	0	2.5

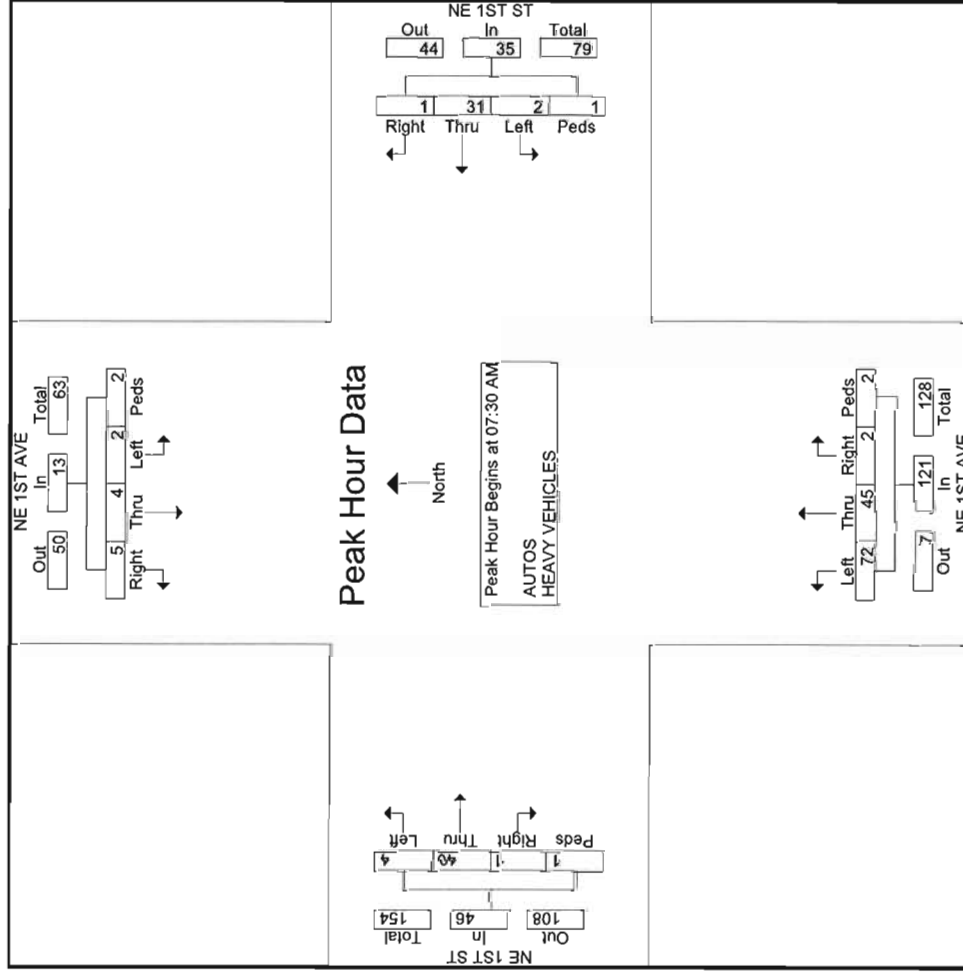
Crossroads Engineering

8320 SW 90th Street
Miami, FL 33186
786-236-2857

CLIENT: TRAFTECH
JOB NO.: 2016-006
PROJECT: DANIA BEACH TMCS
COUNTY: BROWARD

File Name : NE 1ST ST @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 2

Start Time	NE 1ST AVE From North				NE 1ST ST From East				NE 1ST AVE From South				NE 1ST ST From West			
	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 08:45 AM - Peak 1 of 1																
Peak Hour for Entire Intersection Begins at 07:30 AM																
07:30 AM	1	0	1	0	2	0	8	1	0	9	1	13	20	1	35	53
07:45 AM	2	0	1	1	4	0	6	0	0	6	0	7	17	0	24	46
08:00 AM	1	3	0	1	5	0	6	0	1	7	0	7	16	1	24	46
08:15 AM	1	1	0	0	2	1	11	1	0	13	1	18	19	0	38	70
Total Volume	5	4	2	2	13	1	31	2	1	35	2	45	72	2	121	215
% App. Total	38.5	30.8	15.4	15.4	650	2.9	88.6	5.7	2.9	673	1.7	37.2	59.5	1.7	796	768
PHF	.625	.333	.500	.500	.650	.250	.705	.500	.250	.673	.500	.625	.900	.500	.796	.676



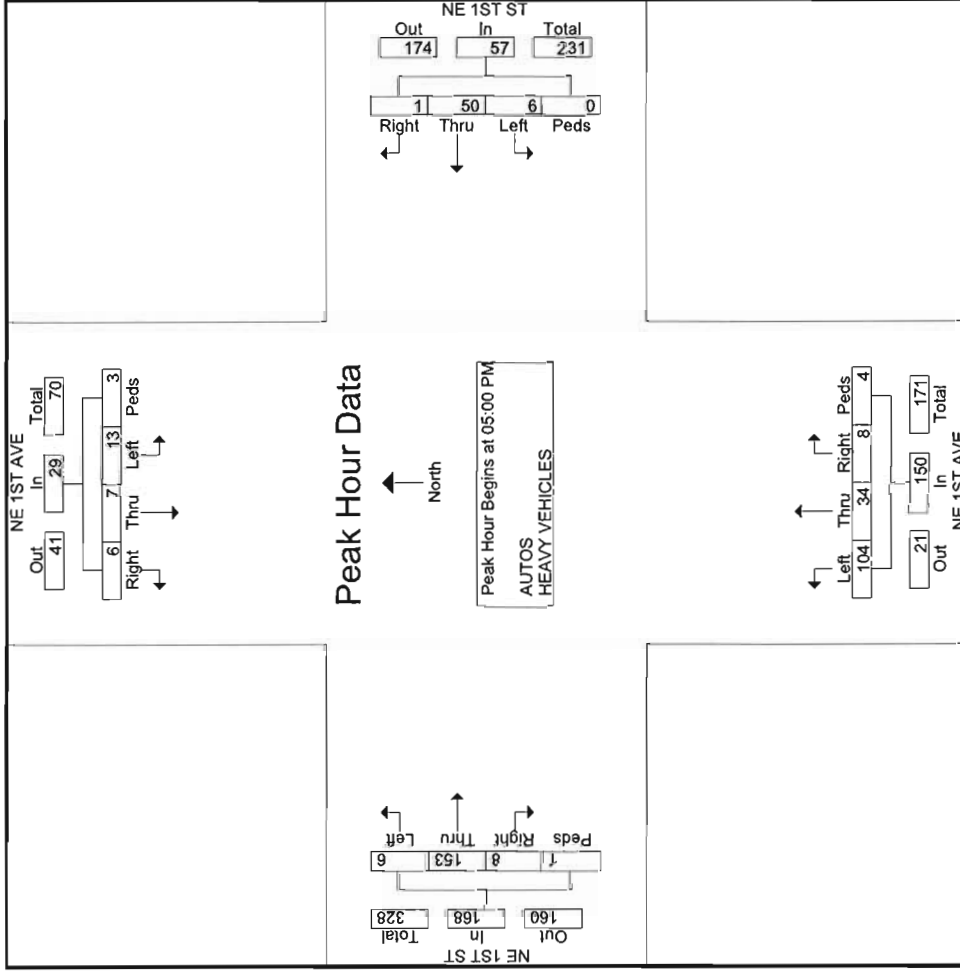
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File Name : NE 1ST ST @ NE 1ST AVE
Site Code : 00000000
Start Date : 5/26/2016
Page No : 4

NE 1ST AVE From North					NE 1ST ST From East					NE 1ST AVE From South					NE 1ST ST From West						
Start Time	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Right	Thru	Left	Peds	App. Total	Int. Total
Peak Hour Analysis From 04:00 PM to 05:45 PM - Peak 1 of 1																					
Peak Hour for Entire Intersection Begins at 05:00 PM																					
05:00 PM	3	0	1	1	5	1	14	1	0	16	2	13	33	1	49	3	38	3	0	44	114
05:15 PM	2	1	2	0	5	0	8	0	0	8	2	6	18	2	28	1	38	0	0	39	80
05:30 PM	1	3	6	1	11	0	18	4	0	22	1	4	25	0	30	3	36	2	0	41	104
05:45 PM	0	3	4	1	8	0	10	1	0	11	3	11	28	1	43	1	41	1	1	44	106
Total Volume	6	7	13	3	29	1	50	6	0	57	8	34	104	4	150	8	153	6	1	168	404
% App. Total	20.7	24.1	44.8	10.3		1.8	87.7	10.5	0		5.3	22.7	69.3	2.7		4.8	91.1	3.6	0.6		
PHF	.500	.583	.542	.750	.659	.250	.694	.375	.000	.648	.667	.654	.788	.500	.765	.667	.933	.500	.250	.955	.886



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Page No : 1

Groups Printed- HEAVY VEHICLES

Start Time	NE 1ST AVE From North			NE 1ST ST From East			NE 1ST AVE From South			NE 1ST ST From West		
	Right	Thru	Left	Peds	Right	Thru	Left	Peds	Right	Thru	Left	Peds
07:15 AM	0	0	0	0	1	0	0	0	0	0	0	0
*** BREAK ***												
Total	0	0	0	0	1	0	0	0	0	0	0	0
08:15 AM	0	0	0	0	0	2	0	0	0	1	0	0
08:30 AM	0	0	1	0	0	0	0	0	0	1	0	0
08:45 AM	0	0	0	0	0	0	0	0	0	1	0	0
Total	0	0	1	0	0	2	1	0	0	3	0	0
*** BREAK ***												
04:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
04:15 PM	0	0	0	0	0	0	0	0	0	0	0	0
*** BREAK ***												
04:45 PM	0	0	0	0	0	0	0	0	0	2	0	0
Total	0	0	0	0	0	0	0	0	0	2	0	0
*** BREAK ***												
05:15 PM	0	0	0	0	0	0	0	0	0	1	0	0
*** BREAK ***												
05:45 PM	0	2	0	0	0	1	1	0	1	1	0	0
Total	0	2	0	0	0	1	1	0	1	2	0	0
Grand Total	0	2	1	0	1	3	2	0	1	7	0	0
Approch %	0	66.7	33.3	0	16.7	50	33.3	0	9.1	100	0	0
Total %	0	7.4	3.7	0	3.7	11.1	7.4	0	3.7	25.9	0	0



BROWARD COUNTY TRAFFIC ENGINEERING
ACTUATED TRAFFIC SIGNAL TIMING SHEET

Intersection Number	3098	Initial Operation Date	UNKNOWN
Controller Type	2070	System Number	3098
Modification Number	15	Modification Date	10/08/2014
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		6		8
Direction	SBL	NB	WBL	EB		SB		WB
Initial Green(MIN)	4	7	4	6		7		6
Vehicle Ext.(GAP)	1.5	3.0	2.0	2.0		3.0		2.0
Maximum Green I	20	40	15	25		40		25
Maximum Green II								
Yellow Clearance	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
Phase Recall	OFF	MIN	OFF	OFF		MIN		OFF
Detector Delay								
Walk		7		7		7		7
Pedestrian Clearance		21		23		21		23
Permissive	YES		YES					
Flash Operation		YELLOW		RED		YELLOW		RED
Green Return								

Attachment

Channel/Drop / IP Address

NOTES:

1. ANTI-BACKDOWN SOUTHBOUND:PHASES 2+6 ON---> OMIT PHASE 1.
2. DUAL ENTRY HARDWIRED EAST/WEST.
3. HEAD 8R, WBR, HARDWIRED TO PHASE 1 (SBL).
4. MOD. 15 UPDATES ALL RED CLEARANCE VALUES.

Submitted By _____ Approved By _____

Station : 3098 - US 1 & Dania Beach Blvd (Standard File)

Phase	1 (SL)	2 (NT)	3 (WL)	4 (ET)	5	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		7		6								
Gap Ext	1.5	3	2	2		3		2								
Max1	20	40	15	25		40		25								
Max2																
Yellow Clr	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	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								
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																
Concurrent Ps	1	1	1	1	2	2	2	2								

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						
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

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				

Coordination

[illegible]

[illegible][illegible]

User Comments:

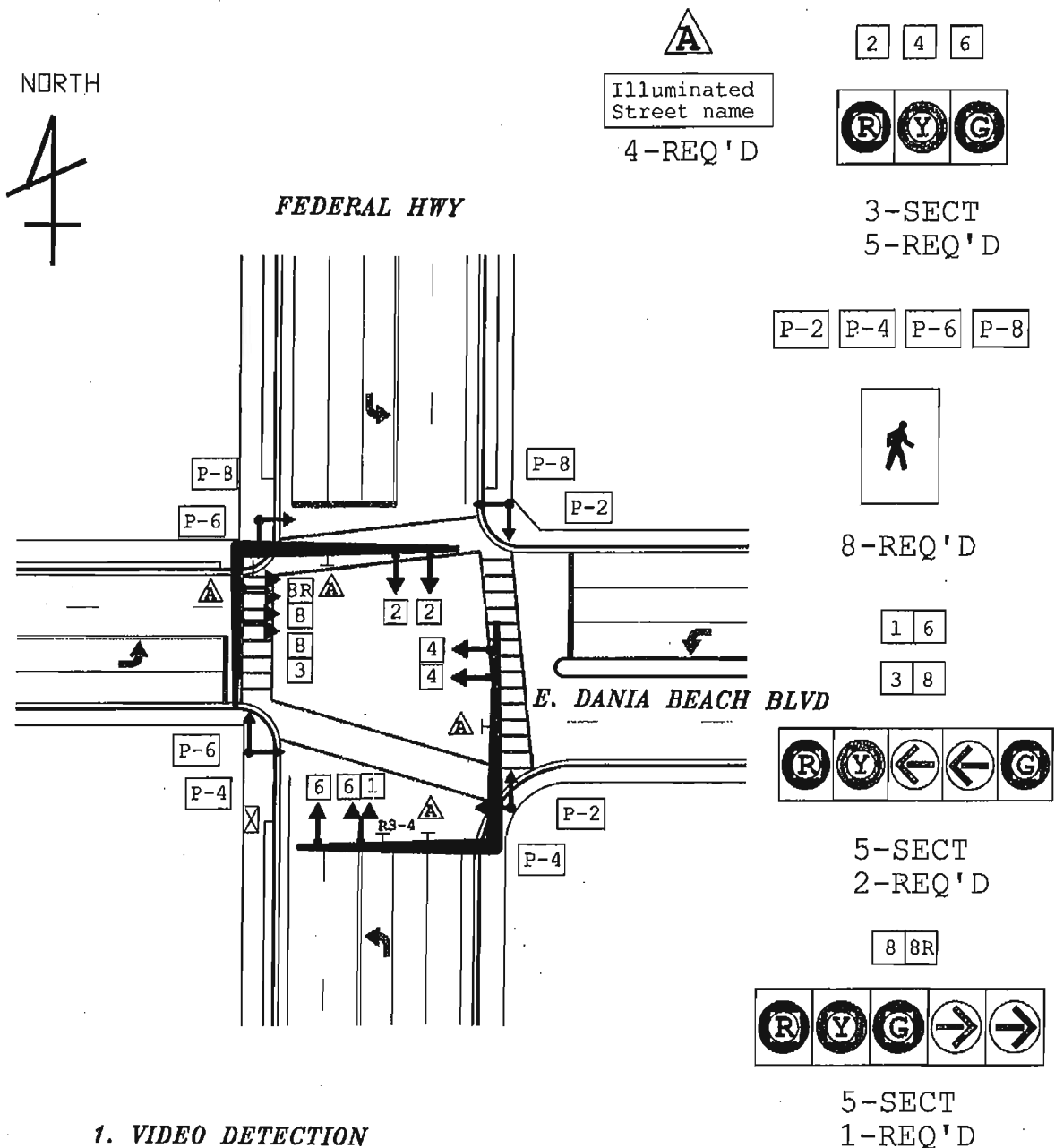
BROWARD COUNTY TRAFFIC ENGINEERING DIVISION TRAFFIC SIGNAL LOCATION SKETCH

LOCATION **FEDERAL HWY & EAST DANIA BEACH BLVD**

ORDER NO **FDOT** ISSUE DATE --- REVISION NO. **5** COMPLETION DATE **10-21-08**

DWG. NO. **12-03-04-01** FILE NO. **3098** CITY **DANIA BEACH** SCALE: 1" = 50'

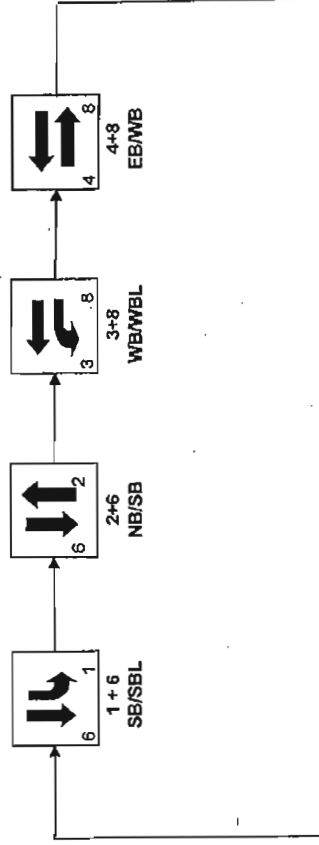
DWN BY: **LARRY**



1. VIDEO DETECTION
2. REBUILT UNDER FDOT PROJ NO 4138291

Sequence of Operation for (3098) Federal Highway (US 1/SR 5) and Dania Beach Boulevard

Dania Beach





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				
Green Return								

Attachment

Channel/Drop / **IP Address**

NOTES:

1. MOD. 9 UPDATES ALL RED CLEARANCE VALUES.

Submitted By _____ **Approved By** _____

Station : 3099 - US 1 & NE 1 St (Dania) (Standard File)

Phase	1	2 (ST)	3	4 (WT)	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 Cal																
Concurrent Ps	1	1	1	1	2	2	2	2								

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						
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				

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				

Coordination

[illegible]

[illegible][illegible]

User Comments:

BROWARD COUNTY TRAFFIC ENGINEERING DIVISION
TRAFFIC SIGNAL LOCATION SKETCH

LOCATION **FEDERAL HIGHWAY & NW/NE 1 STREET**

ORDER NO **FDOT** ISSUE DATE --- REVISION NO. 2 COMPLETION DATE **10-21-08**

DWG. NO: **12-03-06-01** FILE NO. **3099** CITY **DANIA BEACH** SCALE: 1" = 50'

DWN BY: LARRY

NORTH



FEDERAL HWY

Illuminated
Street name

4-REQ'D

2 4 6 8

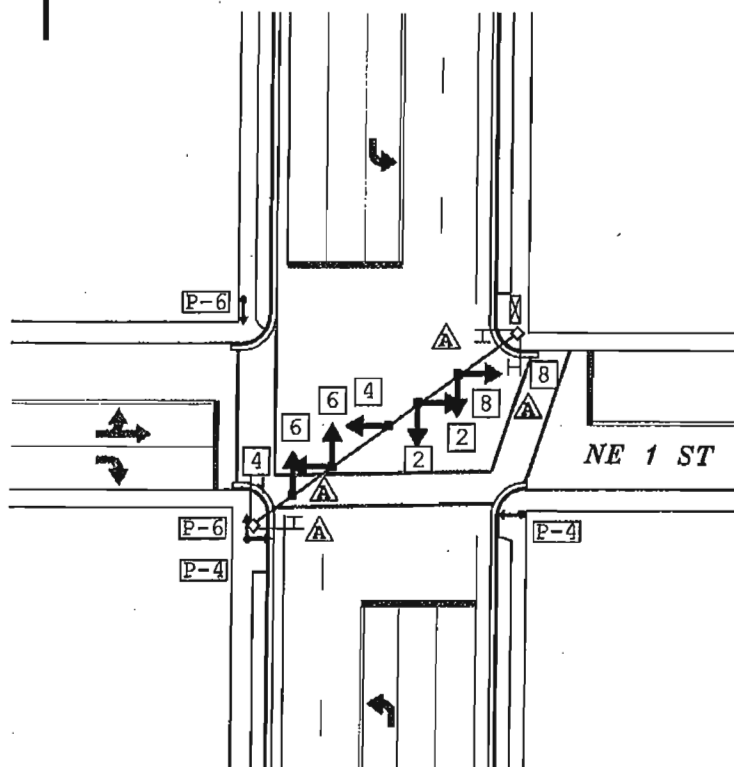


3-SECT
8-REQ'D

P-4 P-6

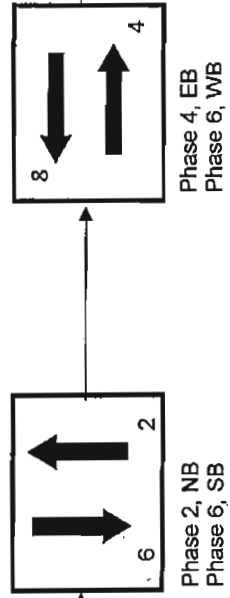


4-REQ'D



VIDEO DETECTION, PEDESTRIAN SIGNALS INSTALLED UNDER FDOT PROJ NO 4138291

Sequence of Operation
Federal Hwy (US 1 /SR 5) and NE 1 Street
Intersection Number (3099), Dania Beach



APPENDIX C

Historical Traffic Counts and Peak Season Conversion Factors

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2014 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0080 - SR A1A / DANIA BCH BLVD - E OF SR 5/US 1

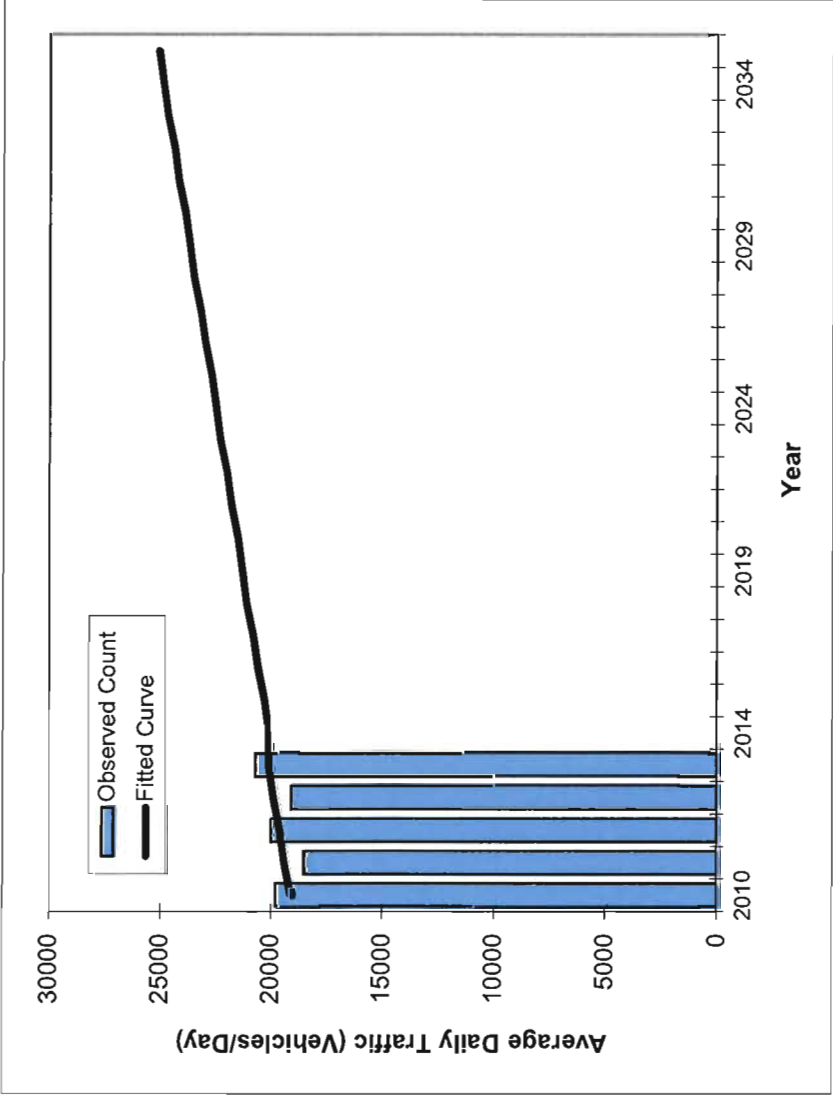
YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
----	-----	-----	-----	-----	-----	-----
2014	20700 C	E 11000	W 9700	9.00	54.50	8.70
2013	19100 C	E 8600	W 10500	9.00	54.60	4.50
2012	20000 C	E 10500	W 9500	9.00	55.00	4.50
2011	18500 C	E 10000	W 8500	9.00	54.50	2.30
2010	19800 C	E 9300	W 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
2002	22000 C	E 10500	W 11500	9.50	55.00	2.60
2001	22500 C	E 10500	W 12000	9.70	55.60	3.60
2000	21500 C	E 10000	W 11500	9.40	56.30	2.60
1999	19600 C	E 9100	W 10500	9.40	56.40	2.00

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; F = 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

Traffic Trends - V2.0

SR 5/US 1 -- S OF SR A1A/DANIA BEACH BLVD

PIN#	0	2	Location
County:	Broward		
Station #:	0080		
Highway:	SR 5/US 1		



**** Annual Trend Increase:** 240
Trend R-squared: 20.08%
Trend Annual Historic Growth Rate: 1.31%
Trend Growth Rate (2014 to Design Year): 1.24%
Printed: 31-May-16
Straight Line Growth Option

Year	Traffic (ADT/AADT)	
	Count*	Trend**
2010	19800	19100
2011	18500	19400
2012	20000	19600
2013	19100	19900
2014	20700	20100
2016 Opening Year Trend		
2016	N/A	20600
2017 Mid-Year Trend		
2017	N/A	20800
2018 Design Year Trend		
2018	N/A	21100
TRANPLAN Forecasts/Trends		

*Axle-Adjusted

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2014 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

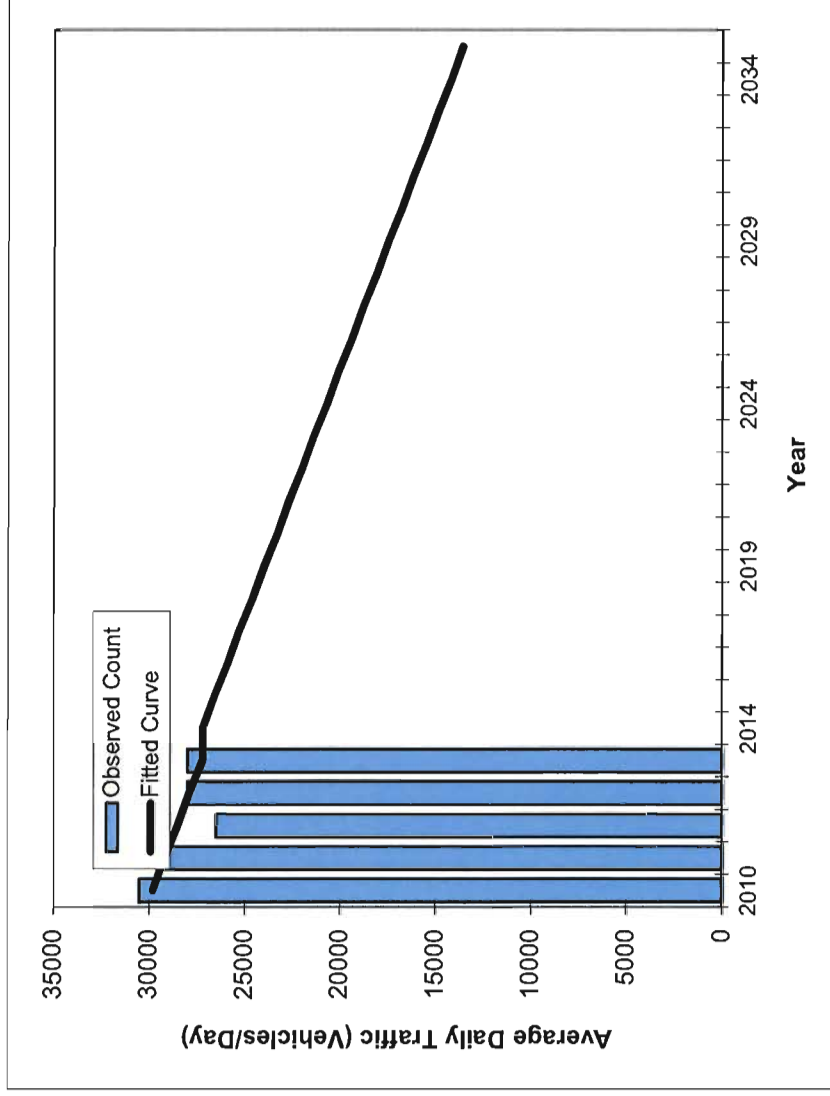
SITE: 5036 - SR 5 / US 1 - S OF SR A1A/DANIA BCH BLVD

YEAR	AADT	DIRECTION 1	DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
2014	28000 C	N 13500	S 14500	9.00	54.50	4.60
2013	28000 C	N 14000	S 14000	9.00	54.60	4.20
2012	26500 C	N 12500	S 14000	9.00	55.00	3.40
2011	29500 C	N 14000	S 15500	9.00	54.50	3.40
2010	30500 C	N 16000	S 14500	9.37	54.06	3.40
2009	28000 C	N 14500	S 13500	9.31	53.74	8.10
2008	36000 C	N 17000	S 19000	9.70	54.48	8.10
2007	35500 C	N 17000	S 18500	9.10	53.47	2.10
2006	35500 C	N 18000	S 17500	9.48	53.59	3.00
2005	34500 C	N 17000	S 17500	10.60	58.90	2.70
2004	35500 C	N 17500	S 18000	10.40	56.30	2.70
2003	35000 C	N 17500	S 17500	9.20	55.90	2.70
2002	39500 C	N 19500	S 20000	9.50	55.00	3.80
2001	37500 C	N 19000	S 18500	9.70	55.60	3.50
2000	36000 C	N 18000	S 18000	9.40	56.30	5.70
1999	35000 C	N 17500	S 17500	9.40	56.40	2.60

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; F = 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

Traffic Trends - V2.0 **SR 5/US 1 -- S OF SR A1A/DANIA BEACH BLVD**

PIN#	0	2
Location		
County:	Broward	
Station #:	5036	
Highway:	SR 5/US 1	



** Annual Trend Increase:	-650
Trend R-squared:	44.47%
Trend Annual Historic Growth Rate:	-2.18%
Trend Growth Rate (2014 to Design Year):	-2.39%
Printed:	31-May-16
Straight Line Growth Option	

Traffic (ADT/AADT)		
Year	Count*	Trend**
2010	30500	29800
2011	29500	29200
2012	26500	28500
2013	28000	27900
2014	28000	27200
2016 Opening Year Trend		
2016	N/A	25900
2017 Mid-Year Trend		
2017	N/A	25300
2018 Design Year Trend		
2018	N/A	24600
TRANPLAN Forecasts/Trends		

*Axle-Adjusted

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2014 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
----	-----	-----	-----	-----	-----	-----
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
2002	38500 C	N 19000	S 19500	9.50	55.00	3.80
2001	41000 C	N 19500	S 21500	9.70	55.60	3.50

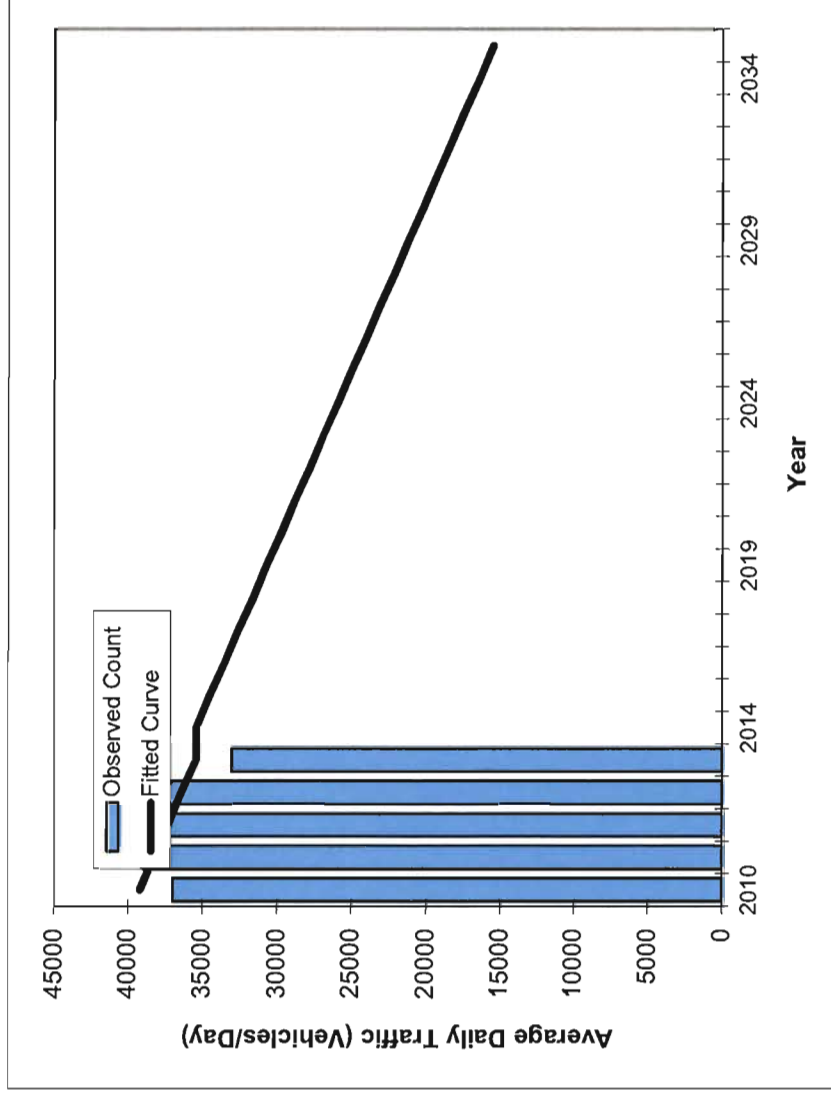
AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; F = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

Traffic Trends - V2.0

SR 5/US 1 -- N OF DANIA BEACH BLVD/A1A

PIN#	0
Location	3

County:	Broward
Station #:	5037
Highway:	SR 5/US 1



** Annual Trend Increase:	-950
Trend R-squared:	31.34%
Trend Annual Historic Growth Rate:	-2.42%
Trend Growth Rate (2014 to Design Year):	-2.68%
Printed:	31-May-16
Straight Line Growth Option	

Year	Traffic (ADT/AADT)	
	Count*	Trend**
2010	37000	39200
2011	39000	38300
2012	40000	37300
2013	37500	36400
2014	33000	35400
2016 Opening Year Trend		
2016	N/A	33500
2017 Mid-Year Trend		
2017	N/A	32600
2018 Design Year Trend		
2018	N/A	31600
TRANPLAN Forecasts/Trends		

*Axle-Adjusted

2014 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
 CATEGORY: 8600 EAST-A1A TO US1

WEEK	DATES	SF	MOCF: 0.90 PSCF
1	01/01/2014 - 01/04/2014	0.98	1.09
2	01/05/2014 - 01/11/2014	0.98	1.09
3	01/12/2014 - 01/18/2014	0.97	1.08
4	01/19/2014 - 01/25/2014	0.95	1.06
* 5	01/26/2014 - 02/01/2014	0.94	1.04
* 6	02/02/2014 - 02/08/2014	0.92	1.02
* 7	02/09/2014 - 02/15/2014	0.90	1.00
* 8	02/16/2014 - 02/22/2014	0.89	0.99
* 9	02/23/2014 - 03/01/2014	0.88	0.98
*10	03/02/2014 - 03/08/2014	0.88	0.98
*11	03/09/2014 - 03/15/2014	0.87	0.97
*12	03/16/2014 - 03/22/2014	0.87	0.97
*13	03/23/2014 - 03/29/2014	0.89	0.99
*14	03/30/2014 - 04/05/2014	0.90	1.00
*15	04/06/2014 - 04/12/2014	0.92	1.02
*16	04/13/2014 - 04/19/2014	0.93	1.03
*17	04/20/2014 - 04/26/2014	0.95	1.06
18	04/27/2014 - 05/03/2014	0.96	1.07
19	05/04/2014 - 05/10/2014	0.97	1.08
20	05/11/2014 - 05/17/2014	0.99	1.10
21	05/18/2014 - 05/24/2014	1.00	1.11
22	05/25/2014 - 05/31/2014	1.02	1.13
23	06/01/2014 - 06/07/2014	1.04	1.16
24	06/08/2014 - 06/14/2014	1.06	1.18
25	06/15/2014 - 06/21/2014	1.08	1.20
26	06/22/2014 - 06/28/2014	1.08	1.20
27	06/29/2014 - 07/05/2014	1.07	1.19
28	07/06/2014 - 07/12/2014	1.07	1.19
29	07/13/2014 - 07/19/2014	1.06	1.18
30	07/20/2014 - 07/26/2014	1.06	1.18
31	07/27/2014 - 08/02/2014	1.06	1.18
32	08/03/2014 - 08/09/2014	1.06	1.18
33	08/10/2014 - 08/16/2014	1.05	1.17
34	08/17/2014 - 08/23/2014	1.05	1.17
35	08/24/2014 - 08/30/2014	1.08	1.20
36	08/31/2014 - 09/06/2014	1.10	1.22
37	09/07/2014 - 09/13/2014	1.13	1.26
38	09/14/2014 - 09/20/2014	1.15	1.28
39	09/21/2014 - 09/27/2014	1.13	1.26
40	09/28/2014 - 10/04/2014	1.11	1.23
41	10/05/2014 - 10/11/2014	1.09	1.21
42	10/12/2014 - 10/18/2014	1.07	1.19
43	10/19/2014 - 10/25/2014	1.07	1.19
44	10/26/2014 - 11/01/2014	1.07	1.19
45	11/02/2014 - 11/08/2014	1.07	1.19
46	11/09/2014 - 11/15/2014	1.06	1.18
47	11/16/2014 - 11/22/2014	1.06	1.18
48	11/23/2014 - 11/29/2014	1.04	1.16
49	11/30/2014 - 12/06/2014	1.02	1.13
50	12/07/2014 - 12/13/2014	1.00	1.11
51	12/14/2014 - 12/20/2014	0.98	1.09
52	12/21/2014 - 12/27/2014	0.98	1.09
53	12/28/2014 - 12/31/2014	0.97	1.08

* PEAK SEASON

09-MAR-2015 16:07:53

830UPD

4_8600_PKSEASON.TXT

APPENDIX D

Projected Turning Movement Volumes

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

US 1 and Dania Beach Boulevard
AM Peak Hour

Description	US 1/S. Federal Highway Northbound			US 1/S. Federal Highway Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	27	1,140	196	290	1,023	27	32	71	17	110	87	423
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	31	1,301	224	331	1,168	31	37	81	19	126	99	483
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips			7					3		53	5	
Retail Trips			11				2			16	2	
Retail Pass-by												
2018 Background Traffic	31	1,314	244	334	1,179	31	39	85	20	196	107	488
Tru by Hilton												
Valet Parking			12					2		11	1	25
2018 Total Traffic	31	1,314	256	334	1,179	31	39	87	20	207	108	513

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

US 1 and Dania Beach Boulevard PM Peak Hour

Description	US 1/S. Federal Highway Northbound			US 1/S. Federal Highway Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	15	1,101	128	463	1,281	36	21	151	17	144	178	394
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	17	1,257	146	528	1,462	41	24	172	19	164	203	450
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips			38					5		28	3	
Retail Trips			24				4			59	5	
Retail Pass-by												
2018 Background Traffic	17	1,269	210	534	1,477	41	28	179	20	253	213	454
Tru by Hilton												
Valet Parking			14					2		19	2	41
2018 Total Traffic	17	1,269	224	534	1,477	41	28	181	20	272	215	495

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

US 1 and NE 1st Street AM Peak Hour

Description	US 1 Northbound			US 1 Southbound			NE 1st Street Eastbound			NE 1st Street Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	8	1,641	9	36	1,187	19	17	8	33	3	9	88
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	9	1,873	10	41	1,355	22	19	9	38	3	10	100
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips				10				2			5	45
Retail Trips				11					2		1	8
Retail Pass-by												
2018 Background Traffic	9	1,892	10	62	1,368	22	20	11	40	3	16	154
Tru by Hilton				12				1			2	10
Valet Parking			25									
2018 Total Traffic	9	1,892	35	74	1,368	22	20	12	40	3	18	164

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

US 1 and NE 1st Street PM Peak Hour

Description	US 1 Northbound			US 1 Southbound			NE 1st Street Eastbound			NE 1st Street Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	15	1,491	20	101	1,692	45	51	57	43	11	20	124
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	17	1,702	23	115	1,931	51	58	65	49	13	23	142
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips				44				5			3	23
Retail Trips				28					4		4	31
Retail Pass-by												
2018 Background Traffic	17	1,719	23	188	1,950	52	59	71	54	13	30	197
Tru by Hilton				16				2			2	16
Valet Parking			41									
2018 Total Traffic	17	1,719	64	204	1,950	52	59	73	54	13	32	213

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

Dania Beach Boulevard and NE 1st Avenue AM Peak Hour

Description	NE 1st Avenue Northbound			NE 1st Avenue Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)			5			7			3			
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	0	0	6	0	0	8	0	606	3	0	885	129
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips						11		21			58	11
Retail Trips						7		21			-3	3
Retail Pass-by												
2018 Background Traffic	0	0	6	0	0	26	0	654	3	0	948	144
Tru by Hilton												
Valet Parking						12		16			25	3
2018 Total Traffic	0	0	6	0	0	38	0	670	3	0	973	147

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

Dania Beach Boulevard and NE 1st Avenue PM Peak Hour

Description	NE 1st Avenue Northbound			NE 1st Avenue Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)			43			10			9			
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	0	0	49	0	0	11	0	772	10	0	912	151
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips						39		49			31	
Retail Trips						25		60			-13	32
Retail Pass-by												13
2018 Background Traffic	0	0	50	0	0	76	0	888	10	0	939	197
Tru by Hilton												
Valet Parking						21		20			4	
2018 Total Traffic	0	0	50	0	0	97	0	908	10	0	984	197

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

Dania Beach Boulevard and NE 1st Court
AM Peak Hour

Description	Northbound			NE 1st Court Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)												
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	0	0	0	0	0	0	0	612	0	0	1,013	0
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips						58	10	11			3	5
Retail Trips												
Retail Pass-by												
2018 Background Traffic	0	0	0	0	0	58	10	629	0	0	1,027	5
Tru by Hilton												
Valet Parking						25		16			3	
2018 Total Traffic	0	0	0	0	0	83	10	645	0	0	1,030	5

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

Dania Beach Boulevard and NE 1st Court
PM Peak Hour

Description	Northbound			NE 1st Court Southbound			Dania Beach Boulevard Eastbound			Dania Beach Boulevard Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)												
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	0	0	0	0	0	0	0	821	0	0	1,063	0
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips						31	43	24			21	18
Retail Trips												
Retail Pass-by												
2018 Background Traffic	0	0	0	0	0	31	43	853	0	0	1,094	18
Tru by Hilton												
Valet Parking						41		20			4	
2018 Total Traffic	0	0	0	0	0	72	43	873	0	0	1,098	18

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

NE 1st Street and NE 1st Avenue AM Peak Hour

Description	NE 1st Avenue Northbound			NE 1st Avenue Southbound			NE 1st Street Eastbound			NE 1st Street Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	72	45	2	2	4	5	4	40	1	2	31	1
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	82	51	2	2	5	6	5	46	1	2	35	1
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips								12				
Retail Trips	9		2						11	1		
Retail Pass-by												
2018 Background Traffic	92	52	4	2	5	6	5	58	12	3	86	1
Tru by Hilton												
Valet Parking	12		1						16	16		
		35							25			
2018 Total Traffic	104	52	40	2	5	6	5	58	53	19	86	1

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

NE 1st Street and NE 1st Avenue
PM Peak Hour

Description	NE 1st Avenue Northbound			NE 1st Avenue Southbound			NE 1st Street Eastbound			NE 1st Street Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (05/26/2016)	104	34	8	13	7	6	6	153	8	6	50	1
Season Adjustment Factor	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.13
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
2017 Peak Season Traffic	119	39	9	15	8	7	7	175	9	7	57	1
Annual Growth Rate	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%	1.0%
Committed Developments:												
Trion at Dania Beach												
Residential Trips								49	28		26	
Retail Trips	35		4							2		
Retail Pass-by												
2018 Background Traffic	155	39	13	15	8	7	7	225	37	9	84	1
Tru by Hilton	18		2						18	18		
Valet Parking			40						41			
2018 Total Traffic	173	39	55	15	8	7	7	225	96	27	84	1

APPENDIX E

Intersection Capacity Analyses

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	37	81	126	99	483	31	1301	331	1168
Future Volume (vph)	37	81	126	99	483	31	1301	331	1168
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	4.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	10.0	34.0
Total Split (s)	23.0	23.0	30.0	53.0	53.0	77.0	77.0	30.0	107.0
Total Split (%)	14.4%	14.4%	18.8%	33.1%	33.1%	48.1%	48.1%	18.8%	66.9%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes						
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	15.1	15.1	35.9	35.9	35.9	71.0	71.0	112.1	112.1
Actuated g/C Ratio	0.09	0.09	0.22	0.22	0.22	0.44	0.44	0.70	0.70
v/c Ratio	0.34	0.63	0.54	0.26	0.92	0.20	1.08	0.83	0.53
Control Delay	73.1	80.5	58.1	50.4	49.1	31.0	88.1	58.0	13.1
Queue Delay	2.6	0.0	0.0	0.0	36.3	0.0	10.5	0.0	0.4
Total Delay	75.7	80.5	58.1	50.4	85.4	31.0	98.7	58.0	13.5
LOS	E	F	E	D	F	C	F	E	B
Approach Delay		79.2		75.6			97.3		23.1
Approach LOS		E		E			F		C

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 123 (77%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.08

Intersection Signal Delay: 63.9

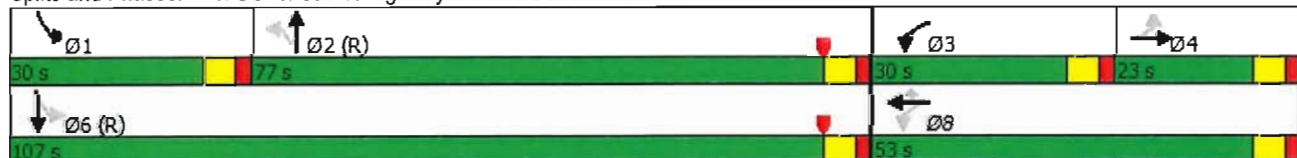
Intersection LOS: E

Intersection Capacity Utilization 93.5%

ICU Level of Service F

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	40	109	137	108	525	34	1657	360	1304
v/c Ratio	0.34	0.63	0.54	0.26	0.92	0.20	1.08	0.83	0.53
Control Delay	73.1	80.5	58.1	50.4	49.1	31.0	88.1	58.0	13.1
Queue Delay	2.6	0.0	0.0	0.0	36.3	0.0	10.5	0.0	0.4
Total Delay	75.7	80.5	58.1	50.4	85.4	31.0	98.7	58.0	13.5
Queue Length 50th (ft)	40	106	122	94	279	21	~1007	307	443
Queue Length 95th (ft)	79	168	172	139	417	50	#1147	#604	489
Internal Link Dist (ft)		322		171			268		570
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	147	212	317	547	658	174	1540	434	2469
Starvation Cap Reductn	0	0	0	0	0	0	0	0	562
Spillback Cap Reductn	51	0	0	0	162	0	218	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.42	0.51	0.43	0.20	1.06	0.20	1.25	0.83	0.68

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary
1: US 1/Federal Highway & Dania Beach Boulevard

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	37	81	19	126	99	483	31	1301	224	331	1168	31
Future Volume (veh/h)	37	81	19	126	99	483	31	1301	224	331	1168	31
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.98	0.99		0.99	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
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	40	88	21	137	108	525	34	1414	243	360	1270	34
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	188	263	63	341	547	459	195	1343	228	311	2223	59
Arrive On Green	0.18	0.18	0.18	0.07	0.29	0.29	0.44	0.44	0.44	0.10	0.42	0.42
Sat Flow, veh/h	784	1448	346	1774	1863	1564	420	3027	513	1774	3521	94
Grp Volume(v), veh/h	40	0	109	137	108	525	34	818	839	360	638	666
Grp Sat Flow(s),veh/h/ln	784	0	1794	1774	1863	1564	420	1770	1770	1774	1770	1846
Q Serve(g_s), s	7.0	0.0	8.5	9.8	7.0	47.0	9.1	71.0	71.0	24.0	43.9	43.9
Cycle Q Clear(g_c), s	7.0	0.0	8.5	9.8	7.0	47.0	23.0	71.0	71.0	24.0	43.9	43.9
Prop In Lane	1.00		0.19	1.00		1.00	1.00		0.29	1.00		0.05
Lane Grp Cap(c), veh/h	188	0	326	341	547	459	195	785	786	311	1117	1165
V/C Ratio(X)	0.21	0.00	0.33	0.40	0.20	1.14	0.17	1.04	1.07	1.16	0.57	0.57
Avail Cap(c_a), veh/h	188	0	326	475	547	459	195	785	786	311	1117	1165
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.67	0.67	0.67
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.84	0.84	0.84
Uniform Delay (d), s/veh	56.4	0.0	57.0	46.7	42.4	56.5	36.0	44.5	44.5	61.1	29.7	29.7
Incr Delay (d2), s/veh	0.2	0.0	0.2	0.3	0.1	87.3	1.9	43.5	51.8	96.9	1.8	1.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.5	0.0	4.2	4.8	3.6	31.4	1.2	44.2	46.0	22.1	22.0	23.0
LnGrp Delay(d),s/veh	56.6	0.0	57.2	47.0	42.4	143.8	38.0	88.0	96.3	158.0	31.5	31.4
LnGrp LOS	E		E	D	D	F	D	F	F	F	C	C
Approach Vol, veh/h	149				770				1691			
Approach Delay, s/veh	57.1				112.4				91.1			
Approach LOS	E				F				F			
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2	3	4	6		8					
Phs Duration (G+Y+Rc), s	30.0	77.0	17.9	35.1	107.0		53.0					
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0		6.0					
Max Green Setting (Gmax), s	24.0	71.0	24.0	17.0	101.0		47.0					
Max Q Clear Time (g_c+l1), s	26.0	73.0	11.8	10.5	45.9		49.0					
Green Ext Time (p_c), s	0.0	0.0	0.1	1.3	41.9		0.0					
Intersection Summary												
HCM 2010 Ctrl Delay			81.2									
HCM 2010 LOS			F									
Notes												

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	19	9	38	3	10	9	1873	41	1355
Future Volume (vph)	19	9	38	3	10	9	1873	41	1355
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		15.1	15.1		15.1	132.9	132.9	132.9	132.9
Actuated g/C Ratio		0.09	0.09		0.09	0.83	0.83	0.83	0.83
v/c Ratio		0.40	0.23		0.72	0.04	0.72	0.45	0.53
Control Delay		81.0	19.0		79.4	6.0	14.0	21.0	5.2
Queue Delay		0.0	0.0		0.0	0.0	47.5	0.0	0.0
Total Delay		81.0	19.0		79.4	6.0	61.5	21.0	5.2
LOS		F	B		E	A	E	C	A
Approach Delay		45.0			79.4		61.2		5.7
Approach LOS		D			E		E		A

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 108 (68%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 90

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.72

Intersection Signal Delay: 38.9

Intersection LOS: D

Intersection Capacity Utilization 71.6%

ICU Level of Service C

Analysis Period (min) 15

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



Queues

2: US 1/Federal Highway & NE 1st Street

	→	↘	←	↙	↑	↗	↓
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	31	43	126	10	2115	46	1547
v/c Ratio	0.40	0.23	0.72	0.04	0.72	0.45	0.53
Control Delay	81.0	19.0	79.4	6.0	14.0	21.0	5.2
Queue Delay	0.0	0.0	0.0	0.0	47.5	0.0	0.0
Total Delay	81.0	19.0	79.4	6.0	61.5	21.0	5.2
Queue Length 50th (ft)	31	0	107	3	1001	11	212
Queue Length 95th (ft)	66	39	172	m4	m557	60	314
Internal Link Dist (ft)	305		170		570		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	150	322	314	224	2936	102	2933
Starvation Cap Reductn	0	0	0	0	1045	0	0
Spillback Cap Reductn	0	0	0	0	0	0	20
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.21	0.13	0.40	0.04	1.12	0.45	0.53
Intersection Summary							
m Volume for 95th percentile queue is metered by upstream signal.							

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	19	9	38	3	10	100	9	1873	10	41	1355	22
Future Volume (veh/h)	19	9	38	3	10	100	9	1873	10	41	1355	22
Number	7	4	14	3	8	18	5	2	12	1	6	16
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	21	10	43	3	11	112	10	2104	11	46	1522	25
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	91	36	149	24	16	134	280	3000	16	204	2962	49
Arrive On Green	0.09	0.09	0.09	0.09	0.09	0.09	1.00	1.00	1.00	0.83	0.83	0.83
Sat Flow, veh/h	568	389	1583	13	165	1427	333	3610	19	191	3563	58
Grp Volume(v), veh/h	31	0	43	126	0	0	10	1030	1085	46	755	792
Grp Sat Flow(s),veh/h/ln	956	0	1583	1606	0	0	333	1770	1859	191	1770	1852
Q Serve(g_s), s	0.0	0.0	4.0	2.5	0.0	0.0	0.8	0.0	0.0	8.5	20.1	20.2
Cycle Q Clear(g_c), s	4.7	0.0	4.0	12.3	0.0	0.0	20.9	0.0	0.0	8.5	20.1	20.2
Prop In Lane	0.68		1.00	0.02		0.89	1.00		0.01	1.00		0.03
Lane Grp Cap(c), veh/h	128	0	149	174	0	0	280	1471	1545	204	1471	1539
V/C Ratio(X)	0.24	0.00	0.29	0.72	0.00	0.00	0.04	0.70	0.70	0.23	0.51	0.51
Avail Cap(c_a), veh/h	251	0	287	313	0	0	280	1471	1545	204	1471	1539
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	0.09	0.09	0.09	1.00	1.00	1.00
Uniform Delay (d), s/veh	67.4	0.0	67.5	71.3	0.0	0.0	1.6	0.0	0.0	3.0	4.0	4.0
Incr Delay (d2), s/veh	0.7	0.0	0.8	4.2	0.0	0.0	0.0	0.3	0.2	2.5	1.3	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	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.3	0.0	1.8	5.7	0.0	0.0	0.1	0.1	0.1	0.6	10.2	10.6
LnGrp Delay(d),s/veh	68.1	0.0	68.3	75.5	0.0	0.0	1.6	0.3	0.2	5.6	5.3	5.2
LnGrp LOS	E		E	E			A	A	A	A	A	A
Approach Vol, veh/h	74			126			2125			1593		
Approach Delay, s/veh	68.2			75.5			0.3			5.3		
Approach LOS	E			E			A			A		
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	2		4		6		8					
Phs Duration (G+Y+Rc), s	139.0		21.0		139.0		21.0					
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	22.9		6.7		22.2		14.3					
Green Ext Time (p_c), s	84.9		0.8		85.5		0.7					
Intersection Summary												
HCM 2010 Ctrl Delay	6.0											
HCM 2010 LOS	A											

HCM 2010 TWSC
3: NE 1st Avenue & Dania Beach Boulevard

Intersection

Int Delay, s/veh 0.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	606	3	0	885	129	0	0	6	0	0	8
Future Vol, veh/h	0	606	3	0	885	129	0	0	6	0	0	8
Conflicting Peds, #/hr	2	0	16	16	0	2	0	0	2	2	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	652	3	0	952	139	0	0	6	0	0	9

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	345	-	-	476
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	651	0	0	535
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	640	-	-	535
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	10.7	11.8
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	640	-	-	-	535
HCM Lane V/C Ratio	0.01	-	-	-	0.016
HCM Control Delay (s)	10.7	-	-	-	11.8
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection

Int Delay, s/veh 6.9

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	5	46	1	2	35	1	82	51	2	2	5	6
Future Vol, veh/h	5	46	1	2	35	1	82	51	2	2	5	6
Conflicting Peds, #/hr	2	0	2	2	0	2	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	61	1	3	46	1	108	67	3	3	7	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	49	0	0	64	0	0	136	131	64	164	131	50
Stage 1	-	-	-	-	-	-	76	76	-	54	54	-
Stage 2	-	-	-	-	-	-	60	55	-	110	77	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1558	-	-	1538	-	-	835	760	1000	801	760	1018
Stage 1	-	-	-	-	-	-	933	832	-	958	850	-
Stage 2	-	-	-	-	-	-	951	849	-	895	831	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1557	-	-	1537	-	-	816	752	997	738	752	1015
Mov Cap-2 Maneuver	-	-	-	-	-	-	816	752	-	738	752	-
Stage 1	-	-	-	-	-	-	927	826	-	951	847	-
Stage 2	-	-	-	-	-	-	934	846	-	815	825	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.7	0.4	10.8	9.3
HCM LOS			B	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	793	1557	-	-	1537	-	-	851
HCM Lane V/C Ratio	0.224	0.004	-	-	0.002	-	-	0.02
HCM Control Delay (s)	10.8	7.3	0	-	7.3	0	-	9.3
HCM Lane LOS	B	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	0.9	0	-	-	0	-	-	0.1

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	39	85	196	107	488	31	1314	334	1179
Future Volume (vph)	39	85	196	107	488	31	1314	334	1179
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	4.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	10.0	34.0
Total Split (s)	23.0	23.0	30.0	53.0	53.0	77.0	77.0	30.0	107.0
Total Split (%)	14.4%	14.4%	18.8%	33.1%	33.1%	48.1%	48.1%	18.8%	66.9%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes						
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	13.5	13.5	39.7	39.7	39.7	71.0	71.0	108.3	108.3
Actuated g/C Ratio	0.08	0.08	0.25	0.25	0.25	0.44	0.44	0.68	0.68
v/c Ratio	0.40	0.73	0.71	0.25	0.88	0.20	1.10	0.92	0.55
Control Delay	79.3	93.0	64.1	48.1	43.0	31.1	96.6	70.2	10.1
Queue Delay	171.6	0.0	0.0	0.0	52.4	0.0	0.0	0.0	0.2
Total Delay	250.9	93.0	64.1	48.1	95.5	31.1	96.6	70.2	10.3
LOS	F	F	E	D	F	C	F	E	B
Approach Delay		135.5		81.3			95.3		23.2
Approach LOS		F		F			F		C

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 123 (77%), Referenced to phase 2:NBT and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.10

Intersection Signal Delay: 66.6

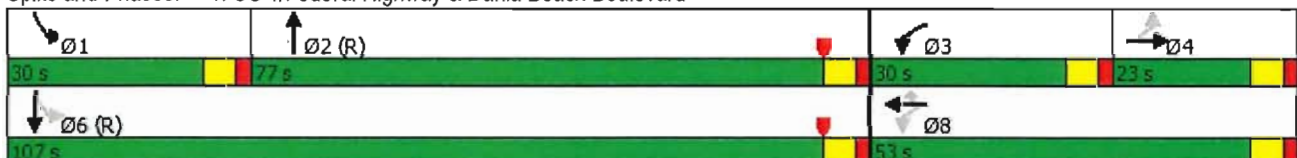
Intersection LOS: E

Intersection Capacity Utilization 95.9%

ICU Level of Service F

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	42	114	213	116	530	34	1693	363	1316
v/c Ratio	0.40	0.73	0.71	0.25	0.88	0.20	1.10	0.92	0.55
Control Delay	79.3	93.0	64.1	48.1	43.0	31.1	96.6	70.2	10.1
Queue Delay	171.6	0.0	0.0	0.0	52.4	0.0	0.0	0.0	0.2
Total Delay	250.9	93.0	64.1	48.1	95.5	31.1	96.6	70.2	10.3
Queue Length 50th (ft)	42	112	190	97	274	21	~1050	329	375
Queue Length 95th (ft)	86	180	262	148	427	50	#1188	#609	496
Internal Link Dist (ft)		322		171			268		570
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	134	196	325	547	657	172	1539	393	2386
Starvation Cap Reductn	0	0	0	0	0	0	0	0	301
Spillback Cap Reductn	122	0	0	0	210	0	2	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	3.50	0.58	0.66	0.21	1.19	0.20	1.10	0.92	0.63

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary

1: US 1/Federal Highway & Dania Beach Boulevard

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	85	20	196	107	488	31	1314	244	334	1179	31
Future Volume (veh/h)	39	85	20	196	107	488	31	1314	244	334	1179	31
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.97	0.99		0.99	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
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	42	92	22	213	116	530	34	1428	265	363	1282	34
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	156	207	49	353	547	459	192	1326	242	311	2223	59
Arrive On Green	0.14	0.14	0.14	0.11	0.29	0.29	0.44	0.44	0.44	0.10	0.42	0.42
Sat Flow, veh/h	773	1446	346	1774	1863	1564	415	2989	545	1774	3522	93
Grp Volume(v), veh/h	42	0	114	213	116	530	34	835	858	363	644	672
Grp Sat Flow(s),veh/h/ln	773	0	1791	1774	1863	1564	415	1770	1764	1774	1770	1846
Q Serve(g_s), s	7.9	0.0	9.3	16.0	7.5	47.0	9.2	71.0	71.0	24.0	44.4	44.5
Cycle Q Clear(g_c), s	7.9	0.0	9.3	16.0	7.5	47.0	23.7	71.0	71.0	24.0	44.4	44.5
Prop In Lane	1.00		0.19	1.00		1.00	1.00		0.31	1.00		0.05
Lane Grp Cap(c), veh/h	156	0	256	353	547	459	192	785	783	311	1117	1165
V/C Ratio(X)	0.27	0.00	0.45	0.60	0.21	1.15	0.18	1.06	1.10	1.17	0.58	0.58
Avail Cap(c_a), veh/h	156	0	256	418	547	459	192	785	783	311	1117	1165
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.67	0.67	0.67
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.82	0.82	0.82
Uniform Delay (d), s/veh	62.1	0.0	62.8	49.1	42.6	56.5	36.4	44.5	44.5	61.1	29.8	29.9
Incr Delay (d2), s/veh	0.3	0.0	0.5	0.8	0.1	91.4	2.0	50.4	61.4	99.9	1.8	1.7
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	0.0	4.7	7.9	3.9	32.0	1.2	45.7	47.9	22.4	22.3	23.3
LnGrp Delay(d),s/veh	62.5	0.0	63.2	49.9	42.6	147.9	38.5	94.9	105.9	161.0	31.6	31.6
LnGrp LOS	E		E	D	D	F	D	F	F	F	C	C
Approach Vol, veh/h	156				859				1727			
Approach Delay, s/veh	63.0				109.4				99.3			
Approach LOS	E				F				F			
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2	3	4	6		8					
Phs Duration (G+Y+Rc), s	30.0	77.0	24.1	28.9	107.0		53.0					
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0		6.0					
Max Green Setting (Gmax), s	24.0	71.0	24.0	17.0	101.0		47.0					
Max Q Clear Time (g_c+I1), s	26.0	73.0	18.0	11.3	46.5		49.0					
Green Ext Time (p_c), s	0.0	0.0	0.2	1.3	42.4		0.0					
Intersection Summary												
HCM 2010 Ctrl Delay			84.9									
HCM 2010 LOS			F									
Notes												

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	20	11	40	3	16	9	1892	62	1368
Future Volume (vph)	20	11	40	3	16	9	1892	62	1368
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		21.6	21.6		21.6	126.4	126.4	126.4	126.4
Actuated g/C Ratio		0.14	0.14		0.14	0.79	0.79	0.79	0.79
v/c Ratio		0.29	0.18		0.81	0.05	0.77	0.89	0.56
Control Delay		66.2	15.9		83.5	8.6	17.2	94.4	7.8
Queue Delay		0.0	0.0		0.0	0.0	25.1	0.0	0.0
Total Delay		66.2	15.9		83.5	8.6	42.4	94.4	7.8
LOS		E	B		F	A	D	F	A
Approach Delay		37.6			83.5		42.2		11.5
Approach LOS		D			F		D		B

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 108 (68%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 90

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.89

Intersection Signal Delay: 31.7

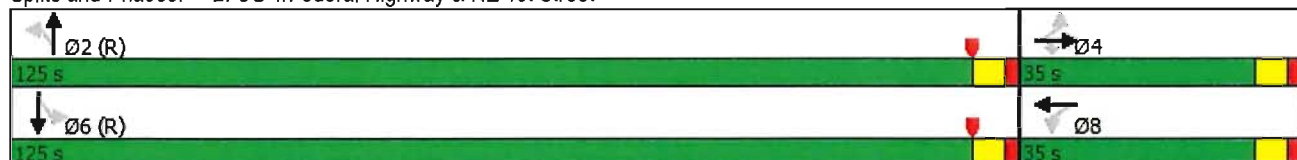
Intersection LOS: C

Intersection Capacity Utilization 76.6%

ICU Level of Service D

Analysis Period (min) 15

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



Queues

2: US 1/Federal Highway & NE 1st Street

	→	↘	←	↙	↑	↘	↓
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	34	45	194	10	2137	70	1562
v/c Ratio	0.29	0.18	0.81	0.05	0.77	0.89	0.56
Control Delay	66.2	15.9	83.5	8.6	17.2	94.4	7.8
Queue Delay	0.0	0.0	0.0	0.0	25.1	0.0	0.0
Total Delay	66.2	15.9	83.5	8.6	42.4	94.4	7.8
Queue Length 50th (ft)	33	0	178	3	625	44	285
Queue Length 95th (ft)	66	37	257	m4	m607	#99	402
Internal Link Dist (ft)	305		170		570		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	158	323	314	197	2792	79	2789
Starvation Cap Reductn	0	0	0	0	750	0	0
Spillback Cap Reductn	0	0	0	0	0	0	26
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.22	0.14	0.62	0.05	1.05	0.89	0.57
Intersection Summary							
# 95th percentile volume exceeds capacity, queue may be longer.							
Queue shown is maximum after two cycles.							
m Volume for 95th percentile queue is metered by upstream signal.							

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	11	40	3	16	154	9	1892	10	62	1368	22
Future Volume (veh/h)	20	11	40	3	16	154	9	1892	10	62	1368	22
Number	7	4	14	3	8	18	5	2	12	1	6	16
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	22	12	45	3	18	173	10	2126	11	70	1537	25
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	91	42	215	24	23	195	251	2849	15	193	2813	46
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	1.00	1.00	1.00	0.79	0.79	0.79
Sat Flow, veh/h	398	310	1583	8	166	1433	328	3610	19	187	3564	58
Grp Volume(v), veh/h	34	0	45	194	0	0	10	1041	1096	70	762	800
Grp Sat Flow(s),veh/h/ln	708	0	1583	1607	0	0	328	1770	1859	187	1770	1852
Q Serve(g_s), s	0.0	0.0	4.0	3.9	0.0	0.0	1.0	0.0	0.0	20.1	25.5	25.6
Cycle Q Clear(g_c), s	6.5	0.0	4.0	19.0	0.0	0.0	26.7	0.0	0.0	20.1	25.5	25.6
Prop In Lane	0.65		1.00	0.02		0.89	1.00		0.01	1.00		0.03
Lane Grp Cap(c), veh/h	133	0	215	241	0	0	251	1396	1467	193	1396	1462
V/C Ratio(X)	0.26	0.00	0.21	0.80	0.00	0.00	0.04	0.75	0.75	0.36	0.55	0.55
Avail Cap(c_a), veh/h	195	0	287	314	0	0	251	1396	1467	193	1396	1462
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	0.09	0.09	0.09	1.00	1.00	1.00
Uniform Delay (d), s/veh	61.8	0.0	61.5	67.9	0.0	0.0	2.7	0.0	0.0	5.7	6.2	6.3
Incr Delay (d2), s/veh	0.7	0.0	0.4	9.9	0.0	0.0	0.0	0.3	0.3	5.2	1.5	1.5
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(50%),veh/ln	1.4	0.0	1.8	9.1	0.0	0.0	0.1	0.1	0.1	1.3	12.9	13.5
LnGrp Delay(d),s/veh	62.6	0.0	61.8	77.8	0.0	0.0	2.7	0.3	0.3	10.9	7.8	7.7
LnGrp LOS	E		E	E			A	A	A	B	A	A
Approach Vol, veh/h	79					194	2147			1632		
Approach Delay, s/veh	62.2					77.8	0.3			7.9		
Approach LOS	E					E	A			A		
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	2		4			6	8					
Phs Duration (G+Y+Rc), s	132.3		27.7			132.3	27.7					
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	28.7		8.5			27.6	21.0					
Green Ext Time (p_c), s	82.1		1.2			83.0	0.8					
Intersection Summary												
HCM 2010 Ctrl Delay			8.3									
HCM 2010 LOS			A									

HCM 2010 TWSC

3: NE 1st Avenue & Dania Beach Boulevard

Intersection

Int Delay, s/veh 0.2

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	654	3	0	948	144	0	0	6	0	0	26
Future Vol, veh/h	0	654	3	0	948	144	0	0	6	0	0	26
Conflicting Peds, #/hr	2	0	16	16	0	2	0	0	2	2	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	703	3	0	1019	155	0	0	6	0	0	28

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	371	-	-	510
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	626	0	0	509
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	615	-	-	509
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	10.9	12.5
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	615	-	-	-	509
HCM Lane V/C Ratio	0.01	-	-	-	0.055
HCM Control Delay (s)	10.9	-	-	-	12.5
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.2

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection

Int Delay, s/veh 6.1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↔			↔			↔			↔		
Traffic Vol, veh/h	5	58	12	3	86	1	92	52	4	2	5	6
Future Vol, veh/h	5	58	12	3	86	1	92	52	4	2	5	6
Conflicting Peds, #/hr	2	0	2	2	0	2	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	76	16	4	113	1	121	68	5	3	7	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	116	0	0	94	0	0	229	223	87	259	231	117
Stage 1	-	-	-	-	-	-	99	99	-	124	124	-
Stage 2	-	-	-	-	-	-	130	124	-	135	107	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1473	-	-	1500	-	-	726	676	971	694	669	935
Stage 1	-	-	-	-	-	-	907	813	-	880	793	-
Stage 2	-	-	-	-	-	-	874	793	-	868	807	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1472	-	-	1499	-	-	708	668	968	630	661	932
Mov Cap-2 Maneuver	-	-	-	-	-	-	708	668	-	630	661	-
Stage 1	-	-	-	-	-	-	901	807	-	874	789	-
Stage 2	-	-	-	-	-	-	856	789	-	785	801	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.5	0.2	12.1	9.9
HCM LOS			B	A

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	698	1472	-	-	1499	-	-	757
HCM Lane V/C Ratio	0.279	0.004	-	-	0.003	-	-	0.023
HCM Control Delay (s)	12.1	7.5	0	-	7.4	0	-	9.9
HCM Lane LOS	B	A	A	-	A	A	-	A
HCM 95th %tile Q(veh)	1.1	0	-	-	0	-	-	0.1

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	39	87	207	108	513	31	1314	334	1179
Future Volume (vph)	39	87	207	108	513	31	1314	334	1179
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	4.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	10.0	34.0
Total Split (s)	23.0	23.0	30.0	53.0	53.0	77.0	77.0	30.0	107.0
Total Split (%)	14.4%	14.4%	18.8%	33.1%	33.1%	48.1%	48.1%	18.8%	66.9%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes						
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	13.7	13.7	40.6	40.6	40.6	71.0	71.0	107.4	107.4
Actuated g/C Ratio	0.09	0.09	0.25	0.25	0.25	0.44	0.44	0.67	0.67
v/c Ratio	0.39	0.74	0.74	0.25	0.92	0.20	1.11	0.95	0.56
Control Delay	78.5	93.0	65.0	47.4	48.9	31.1	100.2	74.9	10.3
Queue Delay	204.8	0.0	0.0	0.0	51.6	0.0	0.0	0.0	0.2
Total Delay	283.4	93.0	65.0	47.4	100.5	31.1	100.2	74.9	10.4
LOS	F	F	E	D	F	C	F	E	B
Approach Delay		143.3		84.7			98.9		24.4
Approach LOS		F		F			F		C

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 123 (77%), Referenced to phase 2:NBT and 6:SBTL, Start of Yellow

Natural Cycle: 140

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.11

Intersection Signal Delay: 69.7

Intersection LOS: E

Intersection Capacity Utilization 96.9%

ICU Level of Service F

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	42	117	225	117	558	34	1706	363	1316
v/c Ratio	0.39	0.74	0.74	0.25	0.92	0.20	1.11	0.95	0.56
Control Delay	78.5	93.0	65.0	47.4	48.9	31.1	100.2	74.9	10.3
Queue Delay	204.8	0.0	0.0	0.0	51.6	0.0	0.0	0.0	0.2
Total Delay	283.4	93.0	65.0	47.4	100.5	31.1	100.2	74.9	10.4
Queue Length 50th (ft)	42	115	200	97	313	21	~1065	332	383
Queue Length 95th (ft)	86	185	277	149	#512	50	#1203	#609	496
Internal Link Dist (ft)		322		171			268		233
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	134	196	328	547	657	172	1537	383	2366
Starvation Cap Reductn	0	0	0	0	0	0	0	0	299
Spillback Cap Reductn	126	0	0	0	222	0	2	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	5.25	0.60	0.69	0.21	1.28	0.20	1.11	0.95	0.64

Intersection Summary

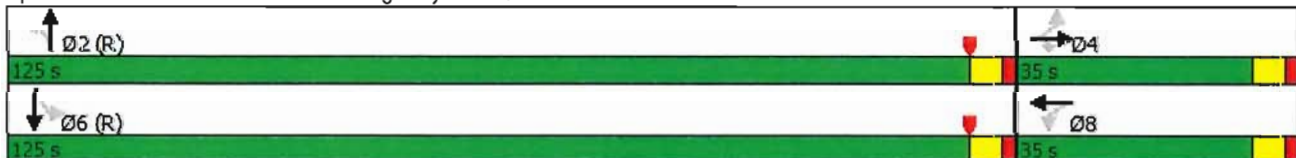
- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	20	12	40	3	18	9	1892	74	1368
Future Volume (vph)	20	12	40	3	18	9	1892	74	1368
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		22.6	22.6		22.6	125.4	125.4	125.4	125.4
Actuated g/C Ratio		0.14	0.14		0.14	0.78	0.78	0.78	0.78
v/c Ratio		0.28	0.17		0.83	0.05	0.78	1.15	0.56
Control Delay		65.1	15.7		85.4	8.4	17.9	175.1	8.1
Queue Delay		0.0	0.0		0.0	0.0	33.2	0.0	0.0
Total Delay		65.1	15.7		85.4	8.4	51.1	175.1	8.1
LOS		E	B		F	A	D	F	A
Approach Delay		37.3			85.4		50.9		16.6
Approach LOS		D			F		D		B
Intersection Summary									
Cycle Length: 160									
Actuated Cycle Length: 160									
Offset: 108 (68%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow									
Natural Cycle: 150									
Control Type: Actuated-Coordinated									
Maximum v/c Ratio: 1.15									
Intersection Signal Delay: 38.6					Intersection LOS: D				
Intersection Capacity Utilization 85.8%					ICU Level of Service E				
Analysis Period (min) 15									

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



HCM 2010 Signalized Intersection Summary

1: US 1/Federal Highway & Dania Beach Boulevard

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	39	87	20	207	108	513	31	1314	256	334	1179	31
Future Volume (veh/h)	39	87	20	207	108	513	31	1314	256	334	1179	31
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.97	0.99		0.99	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
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	42	95	22	225	117	558	34	1428	278	363	1282	34
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0
Peak Hour Factor	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92	0.92
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	148	199	46	353	547	459	192	1315	251	311	2223	59
Arrive On Green	0.14	0.14	0.14	0.12	0.29	0.29	0.44	0.44	0.44	0.10	0.42	0.42
Sat Flow, veh/h	753	1455	337	1774	1863	1564	415	2964	566	1774	3522	93
Grp Volume(v), veh/h	42	0	117	225	117	558	34	842	864	363	644	672
Grp Sat Flow(s),veh/h/ln	753	0	1793	1774	1863	1564	415	1770	1761	1774	1770	1846
Q Serve(g_s), s	8.2	0.0	9.6	17.0	7.6	47.0	9.2	71.0	71.0	24.0	44.4	44.5
Cycle Q Clear(g_c), s	8.2	0.0	9.6	17.0	7.6	47.0	23.7	71.0	71.0	24.0	44.4	44.5
Prop In Lane	1.00		0.19	1.00		1.00	1.00		0.32	1.00		0.05
Lane Grp Cap(c), veh/h	148	0	245	353	547	459	192	785	781	311	1117	1165
V/C Ratio(X)	0.28	0.00	0.48	0.64	0.21	1.21	0.18	1.07	1.11	1.17	0.58	0.58
Avail Cap(c_a), veh/h	148	0	245	407	547	459	192	785	781	311	1117	1165
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	0.67	0.67	0.67
Upstream Filter(I)	1.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	63.2	0.0	63.8	49.5	42.6	56.5	36.4	44.5	44.5	61.1	29.8	29.9
Incr Delay (d2), s/veh	0.4	0.0	0.5	1.6	0.1	115.2	2.0	53.1	65.4	104.2	2.2	2.1
Initial Q Delay(d3),s/veh	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
%ile BackOfQ(50%),veh/ln	1.7	0.0	4.8	8.5	3.9	35.0	1.2	46.3	48.7	22.8	22.5	23.4
LnGrp Delay(d),s/veh	63.5	0.0	64.3	51.1	42.6	171.7	38.5	97.6	109.9	165.3	32.0	31.9
LnGrp LOS	E		E	D	D	F	D	F	F	F	C	C
Approach Vol, veh/h	159			900			1740			1679		
Approach Delay, s/veh	64.1			124.7			102.6			60.8		
Approach LOS	E			F			F			E		
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2	3	4	6		8					
Phs Duration (G+Y+Rc), s	30.0	77.0	25.1	27.9	107.0		53.0					
Change Period (Y+Rc), s	6.0	6.0	6.0	6.0	6.0		6.0					
Max Green Setting (Gmax), s	24.0	71.0	24.0	17.0	101.0		47.0					
Max Q Clear Time (g_c+I1), s	26.0	73.0	19.0	11.6	46.5		49.0					
Green Ext Time (p_c), s	0.0	0.0	0.2	0.2	12.4		0.0					
Intersection Summary												
HCM 2010 Ctrl Delay	90.0											
HCM 2010 LOS	F											
Notes												

Queues

2: US 1/Federal Highway & NE 1st Street

	→	↘	←	↙	↑	↘	↓
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	35	45	207	10	2165	83	1562
v/c Ratio	0.28	0.17	0.83	0.05	0.78	1.15	0.56
Control Delay	65.1	15.7	85.4	8.4	17.9	175.1	8.1
Queue Delay	0.0	0.0	0.0	0.0	33.2	0.0	0.0
Total Delay	65.1	15.7	85.4	8.4	51.1	175.1	8.1
Queue Length 50th (ft)	33	0	192	3	647	~101	297
Queue Length 95th (ft)	68	37	274	m4	m617	#150	402
Internal Link Dist (ft)	305		170		257		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	160	323	314	194	2765	72	2768
Starvation Cap Reductn	0	0	0	0	736	0	0
Spillback Cap Reductn	0	0	0	0	0	0	26
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.22	0.14	0.66	0.05	1.07	1.15	0.57

Intersection Summary

~ Volume exceeds capacity, queue is theoretically infinite.

Queue shown is maximum after two cycles.

95th percentile volume exceeds capacity, queue may be longer.

Queue shown is maximum after two cycles.

m Volume for 95th percentile queue is metered by upstream signal.

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	20	12	40	3	18	164	9	1892	35	74	1368	22
Future Volume (veh/h)	20	12	40	3	18	164	9	1892	35	74	1368	22
Number	7	4	14	3	8	18	5	2	12	1	6	16
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	22	13	45	3	20	184	10	2126	39	83	1537	25
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89	0.89
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	89	45	226	24	24	204	248	2783	51	188	2789	45
Arrive On Green	0.14	0.14	0.14	0.14	0.14	0.14	1.00	1.00	1.00	0.78	0.78	0.78
Sat Flow, veh/h	367	313	1583	7	172	1429	328	3556	65	182	3564	58
Grp Volume(v), veh/h	35	0	45	207	0	0	10	1055	1110	83	762	800
Grp Sat Flow(s),veh/h/ln	680	0	1583	1608	0	0	328	1770	1851	182	1770	1852
Q Serve(g_s), s	0.0	0.0	4.0	4.4	0.0	0.0	1.1	0.0	0.0	29.1	26.3	26.4
Cycle Q Clear(g_c), s	6.7	0.0	4.0	20.3	0.0	0.0	27.5	0.0	0.0	29.1	26.3	26.4
Prop In Lane	0.63		1.00	0.01		0.89	1.00		0.04	1.00		0.03
Lane Grp Cap(c), veh/h	134	0	226	252	0	0	248	1385	1449	188	1385	1450
V/C Ratio(X)	0.26	0.00	0.20	0.82	0.00	0.00	0.04	0.76	0.77	0.44	0.55	0.55
Avail Cap(c_a), veh/h	186	0	287	314	0	0	248	1385	1449	188	1385	1450
HCM Platoon Ratio	1.00	1.00	1.00	1.00	1.00	1.00	1.33	1.33	1.33	1.00	1.00	1.00
Upstream Filter(I)	1.00	0.00	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	60.9	0.0	60.6	67.5	0.0	0.0	2.9	0.0	0.0	6.9	6.6	6.7
Incr Delay (d2), s/veh	0.8	0.0	0.3	12.2	0.0	0.0	0.3	4.0	3.9	7.4	1.6	1.5
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(50%),veh/ln	1.4	0.0	1.8	9.9	0.0	0.0	0.1	1.5	1.6	1.8	13.3	13.9
LnGrp Delay(d),s/veh	61.7	0.0	60.9	79.8	0.0	0.0	3.2	4.0	3.9	14.3	8.2	8.2
LnGrp LOS	E		E	E			A	A	A	B	A	A
Approach Vol, veh/h	80					207	2175			1645		
Approach Delay, s/veh	61.2					79.8	4.0			8.5		
Approach LOS	E					E	A			A		
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	2		4			6	8					
Phs Duration (G+Y+Rc), s	131.2		28.8			131.2	28.8					
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	29.5		8.7			31.1	22.3					
Green Ext Time (p_c), s	44.6		0.2			28.7	0.5					
Intersection Summary												
HCM 2010 Ctrl Delay			10.7									
HCM 2010 LOS			B									

HCM 2010 TWSC
3: NE 1st Avenue & Dania Beach Boulevard

Intersection

Int Delay, s/veh 0.3

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	670	3	0	973	147	0	0	6	0	0	38
Future Vol, veh/h	0	670	3	0	973	147	0	0	6	0	0	38
Conflicting Peds, #/hr	2	0	16	16	0	2	0	0	2	2	0	0
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	93	93	93	93	93	93	93	93	93	93	93	93
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	720	3	0	1046	158	0	0	6	0	0	41

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	380	-	-	523
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	618	0	0	499
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	607	-	-	499
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	11	12.9
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	607	-	-	-	499
HCM Lane V/C Ratio	0.011	-	-	-	0.082
HCM Control Delay (s)	11	-	-	-	12.9
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0	-	-	-	0.3

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection

Int Delay, s/veh 7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Vol, veh/h	5	58	53	19	86	1	104	52	40	2	5	6
Future Vol, veh/h	5	58	53	19	86	1	104	52	40	2	5	6
Conflicting Peds, #/hr	2	0	2	2	0	2	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	76	76	76	76	76	76	76	76	76	76	76	76
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	7	76	70	25	113	1	137	68	53	3	7	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	116	0	0	148	0	0	299	293	114	353	328	117
Stage 1	-	-	-	-	-	-	127	127	-	166	166	-
Stage 2	-	-	-	-	-	-	172	166	-	187	162	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1473	-	-	1434	-	-	653	618	939	602	591	935
Stage 1	-	-	-	-	-	-	877	791	-	836	761	-
Stage 2	-	-	-	-	-	-	830	761	-	815	764	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1470	-	-	1431	-	-	628	601	936	508	574	932
Mov Cap-2 Maneuver	-	-	-	-	-	-	628	601	-	508	574	-
Stage 1	-	-	-	-	-	-	871	785	-	830	745	-
Stage 2	-	-	-	-	-	-	799	745	-	698	759	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.3	1.4	13.8	10.4
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	665	1470	-	-	1431	-	-	681
HCM Lane V/C Ratio	0.388	0.004	-	-	0.017	-	-	0.025
HCM Control Delay (s)	13.8	7.5	0	-	7.6	0	-	10.4
HCM Lane LOS	B	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	1.8	0	-	-	0.1	-	-	0.1

HCM 2010 TWSC
7: NE 1st Avenue & Driveway

Intersection						
Int Delay, s/veh	0.9					
Movement	EBL	EBR	NBL	NBT	SBT	SBR
Lane Configurations						
Traffic Vol, veh/h	13	12	3	183	45	32
Future Vol, veh/h	13	12	3	183	45	32
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	-	-	-	-	-
Veh in Median Storage, #	0	-	-	0	0	-
Grade, %	0	-	-	0	0	-
Peak Hour Factor	92	92	92	92	92	92
Heavy Vehicles, %	2	2	2	2	2	2
Mvmt Flow	14	13	3	199	49	35
Major/Minor	Minor2	Major1		Major2		
Conflicting Flow All	272	67	84	0	-	0
Stage 1	67	-	-	-	-	-
Stage 2	205	-	-	-	-	-
Critical Hdwy	6.42	6.22	4.12	-	-	-
Critical Hdwy Stg 1	5.42	-	-	-	-	-
Critical Hdwy Stg 2	5.42	-	-	-	-	-
Follow-up Hdwy	3.518	3.318	2.218	-	-	-
Pot Cap-1 Maneuver	717	997	1513	-	-	-
Stage 1	956	-	-	-	-	-
Stage 2	829	-	-	-	-	-
Platoon blocked, %				-	-	-
Mov Cap-1 Maneuver	716	997	1513	-	-	-
Mov Cap-2 Maneuver	716	-	-	-	-	-
Stage 1	954	-	-	-	-	-
Stage 2	829	-	-	-	-	-
Approach	EB	NB		SB		
HCM Control Delay, s	9.5	0.1		0		
HCM LOS	A					
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR	
Capacity (veh/h)	1513	-	828	-	-	
HCM Lane V/C Ratio	0.002	-	0.033	-	-	
HCM Control Delay (s)	7.4	0	9.5	-	-	
HCM Lane LOS	A	A	A	-	-	
HCM 95th %tile Q(veh)	0	-	0.1	-	-	

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	24	172	164	203	450	17	1257	528	1462
Future Volume (vph)	24	172	164	203	450	17	1257	528	1462
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	5.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	49.5	34.0
Total Split (s)	34.0	34.0	28.0	62.0	62.0	60.0	60.0	38.0	98.0
Total Split (%)	21.3%	21.3%	17.5%	38.8%	38.8%	37.5%	37.5%	23.8%	61.3%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	5.0	6.0	6.0	6.0	6.0	5.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes			Yes	Yes	Yes	
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	21.3	21.3	44.0	43.0	43.0	54.0	54.0	106.0	105.0
Actuated g/C Ratio	0.13	0.13	0.28	0.27	0.27	0.34	0.34	0.66	0.66
v/c Ratio	0.16	0.80	0.65	0.42	0.64	0.17	1.23	0.98	0.67
Control Delay	61.2	89.1	56.6	49.3	10.2	42.9	153.9	73.7	12.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total Delay	61.2	89.1	56.6	49.3	10.2	42.9	153.9	73.7	12.5
LOS	E	F	E	D	B	D	F	E	B
Approach Delay		85.9		29.2			152.6		28.4
Approach LOS		F		C			F		C

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 6 (4%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.23

Intersection Signal Delay: 70.7

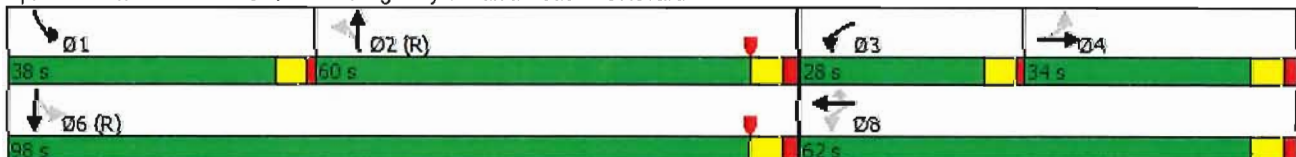
Intersection LOS: E

Intersection Capacity Utilization 113.6%

ICU Level of Service H

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	25	197	169	209	464	18	1447	544	1549
v/c Ratio	0.16	0.80	0.65	0.42	0.64	0.17	1.23	0.98	0.67
Control Delay	61.2	89.1	56.6	49.3	10.2	42.9	153.9	73.7	12.0
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5
Total Delay	61.2	89.1	56.6	49.3	10.2	42.9	153.9	73.7	12.5
Queue Length 50th (ft)	24	200	142	181	37	13	~978	466	201
Queue Length 95th (ft)	53	280	192	236	138	38	#1121	#898	359
Internal Link Dist (ft)		322		171			268		570
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	204	322	313	652	815	103	1179	555	2313
Starvation Cap Reductn	0	0	0	0	0	0	0	0	335
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.12	0.61	0.54	0.32	0.57	0.17	1.23	0.98	0.78

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary

1: US 1/Federal Highway & Dania Beach Boulevard

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	24	172	19	164	203	450	17	1257	146	528	1462	41
Future Volume (veh/h)	24	172	19	164	203	450	17	1257	146	528	1462	41
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.99		0.96	0.99		0.98	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
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	25	177	20	169	209	464	18	1296	151	544	1507	42
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	192	320	36	315	586	487	169	1192	138	411	2147	60
Arrive On Green	0.20	0.20	0.20	0.09	0.31	0.31	0.37	0.37	0.37	0.41	1.00	1.00
Sat Flow, veh/h	751	1637	185	1774	1863	1547	332	3196	371	1774	3517	98
Grp Volume(v), veh/h	25	0	197	169	209	464	18	715	732	544	757	792
Grp Sat Flow(s),veh/h/ln	751	0	1822	1774	1863	1547	332	1770	1797	1774	1770	1845
Q Serve(g_s), s	4.4	0.0	15.6	11.9	13.9	47.0	5.7	59.7	59.7	33.0	0.0	0.0
Cycle Q Clear(g_c), s	4.4	0.0	15.6	11.9	13.9	47.0	5.7	59.7	59.7	33.0	0.0	0.0
Prop In Lane	1.00		0.10	1.00		1.00	1.00		0.21	1.00		0.05
Lane Grp Cap(c), veh/h	192	0	357	315	586	487	169	660	670	411	1080	1127
V/C Ratio(X)	0.13	0.00	0.55	0.54	0.36	0.95	0.11	1.08	1.09	1.32	0.70	0.70
Avail Cap(c_a), veh/h	192	0	357	414	652	541	169	660	670	411	1080	1127
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	0.61	0.61	0.61
Uniform Delay (d), s/veh	53.5	0.0	58.0	45.0	42.3	53.7	33.3	50.2	50.2	38.0	0.0	0.0
Incr Delay (d2), s/veh	0.1	0.0	1.1	0.5	0.1	25.3	1.3	59.7	62.6	156.0	2.3	2.3
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(50%),veh/ln	0.9	0.0	8.0	5.8	7.2	23.5	0.6	40.1	41.3	35.8	0.7	0.7
LnGrp Delay(d),s/veh	53.6	0.0	59.1	45.5	42.5	79.0	34.5	109.8	112.8	194.1	2.3	2.3
LnGrp LOS	D		E	D	D	E	C	F	F	F	A	A
Approach Vol, veh/h	222		842				1465				2093	
Approach Delay, s/veh	58.5		63.2				110.4				52.1	
Approach LOS	E		E				F				D	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2	3	4	6		8					
Phs Duration (G+Y+Rc), s	38.0	65.7	19.0	37.3	103.7		56.3					
Change Period (Y+Rc), s	5.0	6.0	5.0	6.0	6.0		6.0					
Max Green Setting (Gmax), s	33.0	54.0	23.0	28.0	92.0		56.0					
Max Q Clear Time (g_c+I1), s	35.0	61.7	13.9	17.6	2.0		49.0					
Green Ext Time (p_c), s	0.0	0.0	0.1	2.1	58.8		1.3					
Intersection Summary												
HCM 2010 Ctrl Delay			72.9									
HCM 2010 LOS			E									

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	58	65	49	13	23	17	1702	115	1931
Future Volume (vph)	58	65	49	13	23	17	1702	115	1931
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		19.8	19.8		19.8	128.2	128.2	128.2	128.2
Actuated g/C Ratio		0.12	0.12		0.12	0.80	0.80	0.80	0.80
v/c Ratio		1.43	0.24		0.82	0.20	0.64	0.85	0.74
Control Delay		293.5	36.4		78.9	3.1	10.1	60.5	10.7
Queue Delay		0.0	0.0		0.0	0.0	0.5	0.0	0.0
Total Delay		293.5	36.4		78.9	3.1	10.6	60.5	10.7
LOS		F	D		E	A	B	E	B
Approach Delay		219.6			78.9		10.5		13.4
Approach LOS		F			E		B		B

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 26 (16%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 140

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.43

Intersection Signal Delay: 23.5

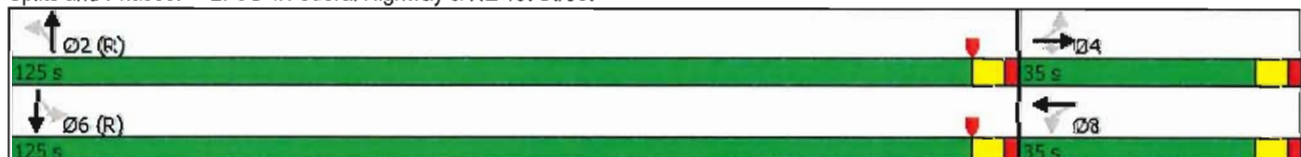
Intersection LOS: C

Intersection Capacity Utilization 102.6%

ICU Level of Service G

Analysis Period (min) 15

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



Queues

2: US 1/Federal Highway & NE 1st Street

	→	↘	←	↙	↑	↗	↓
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	129	52	187	18	1816	121	2087
v/c Ratio	1.43	0.24	0.82	0.20	0.64	0.85	0.74
Control Delay	293.5	36.4	78.9	3.1	10.1	60.5	10.7
Queue Delay	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Total Delay	293.5	36.4	78.9	3.1	10.6	60.5	10.7
Queue Length 50th (ft)	~181	25	153	1	168	67	484
Queue Length 95th (ft)	#285	65	234	m3	m130	#115	730
Internal Link Dist (ft)	305		170		570		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	132	303	315	92	2826	143	2822
Starvation Cap Reductn	0	0	0	0	505	0	0
Spillback Cap Reductn	0	0	0	0	0	0	19
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	0.98	0.17	0.59	0.20	0.78	0.85	0.74
Intersection Summary							
~ Volume exceeds capacity, queue is theoretically infinite. Queue shown is maximum after two cycles.							
# 95th percentile volume exceeds capacity, queue may be longer. Queue shown is maximum after two cycles.							
m Volume for 95th percentile queue is metered by upstream signal.							

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	58	65	49	13	23	142	17	1702	23	115	1931	51
Future Volume (veh/h)	58	65	49	13	23	142	17	1702	23	115	1931	51
Number	7	4	14	3	8	18	5	2	12	1	6	16
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		0.99	1.00		0.99
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	61	68	52	14	24	149	18	1792	24	121	2033	54
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	78	76	286	24	28	108	122	2659	36	236	2619	69
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	246	418	1575	0	152	595	197	3576	48	257	3522	93
Grp Volume(v), veh/h	129	0	52	187	0	0	18	885	931	121	1017	1070
Grp Sat Flow(s),veh/h/ln	664	0	1575	747	0	0	197	1770	1854	257	1770	1845
Q Serve(g_s), s	0.0	0.0	4.5	0.0	0.0	0.0	7.9	0.0	0.0	36.6	55.4	56.6
Cycle Q Clear(g_c), s	29.0	0.0	4.5	29.0	0.0	0.0	64.5	0.0	0.0	36.6	55.4	56.6
Prop In Lane	0.47		1.00	0.07		0.80	1.00		0.03	1.00		0.05
Lane Grp Cap(c), veh/h	153	0	286	160	0	0	122	1316	1379	236	1316	1373
V/C Ratio(X)	0.84	0.00	0.18	1.17	0.00	0.00	0.15	0.67	0.68	0.51	0.77	0.78
Avail Cap(c_a), veh/h	153	0	286	160	0	0	122	1316	1379	236	1316	1373
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	0.00	0.09	0.09	0.09	1.00	1.00	1.00
Uniform Delay (d), s/veh	64.6	0.0	55.5	61.0	0.0	0.0	15.3	0.0	0.0	9.9	12.3	12.5
Incr Delay (d2), s/veh	31.5	0.0	0.2	124.9	0.0	0.0	0.2	0.3	0.2	7.8	4.5	4.4
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(50%),veh/ln	7.0	0.0	2.0	12.6	0.0	0.0	0.4	0.1	0.1	3.1	28.5	30.2
LnGrp Delay(d),s/veh	96.1	0.0	55.7	185.9	0.0	0.0	15.6	0.3	0.2	17.7	16.8	16.9
LnGrp LOS	F		E	F			B	A	A	B	B	B
Approach Vol, veh/h	181		187				1834			2208		
Approach Delay, s/veh	84.5		185.9				0.4			16.9		
Approach LOS	F		F				A			B		
Timer	1	2	3	4	5	6	7	8				
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+l1), s	66.5		31.0		58.6		31.0					
Green Ext Time (p_c), s	50.7		0.0		58.0		0.0					
Intersection Summary												
HCM 2010 Ctrl Delay			20.0									
HCM 2010 LOS			B									

HCM 2010 TWSC
3: NE 1st Avenue & Dania Beach Boulevard

Intersection

Int Delay, s/veh 0.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	772	10	0	912	151	0	0	49	0	0	11
Future Vol, veh/h	0	772	10	0	912	151	0	0	49	0	0	11
Conflicting Peds, #/hr	6	0	30	30	0	6	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	858	11	0	1013	168	0	0	54	0	0	12

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	465	-	-	508
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	544	0	0	510
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	528	-	-	510
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	12.6	12.2
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	528	-	-	-	510
HCM Lane V/C Ratio	0.103	-	-	-	0.024
HCM Control Delay (s)	12.6	-	-	-	12.2
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.3	-	-	-	0.1

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection												
Int Delay, s/veh	5.9											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↕			↕			↕			↕		
Traffic Vol, veh/h	7	175	9	7	57	1	119	39	9	15	8	7
Future Vol, veh/h	7	175	9	7	57	1	119	39	9	15	8	7
Conflicting Peds, #/hr	3	0	4	4	0	3	1	0	0	0	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	199	10	8	65	1	135	44	10	17	9	8
Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	69	0	0	213	0	0	315	309	208	331	313	69
Stage 1	-	-	-	-	-	-	224	224	-	84	84	-
Stage 2	-	-	-	-	-	-	91	85	-	247	229	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1532	-	-	1357	-	-	638	605	832	622	602	994
Stage 1	-	-	-	-	-	-	779	718	-	924	825	-
Stage 2	-	-	-	-	-	-	916	824	-	757	715	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1531	-	-	1357	-	-	617	594	829	572	591	990
Mov Cap-2 Maneuver	-	-	-	-	-	-	617	594	-	572	591	-
Stage 1	-	-	-	-	-	-	771	711	-	916	818	-
Stage 2	-	-	-	-	-	-	892	817	-	697	708	-
Approach	EB			WB			NB			SB		
HCM Control Delay, s	0.3			0.8			13.3			10.9		
HCM LOS							B			B		
Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1				
Capacity (veh/h)	620	1531	-	-	1357	-	-	641				
HCM Lane V/C Ratio	0.306	0.005	-	-	0.006	-	-	0.053				
HCM Control Delay (s)	13.3	7.4	0	-	7.7	0	-	10.9				
HCM Lane LOS	B	A	A	-	A	A	-	B				
HCM 95th %tile Q(veh)	1.3	0	-	-	0	-	-	0.2				

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	28	179	253	213	454	17	1269	534	1477
Future Volume (vph)	28	179	253	213	454	17	1269	534	1477
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	5.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	49.5	34.0
Total Split (s)	34.0	34.0	28.0	62.0	62.0	60.0	60.0	38.0	98.0
Total Split (%)	21.3%	21.3%	17.5%	38.8%	38.8%	37.5%	37.5%	23.8%	61.3%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	5.0	6.0	6.0	6.0	6.0	5.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes			Yes	Yes	Yes	
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	21.8	21.8	49.3	48.3	48.3	54.0	54.0	100.7	99.7
Actuated g/C Ratio	0.14	0.14	0.31	0.30	0.30	0.34	0.34	0.63	0.62
v/c Ratio	0.19	0.82	0.84	0.39	0.62	0.18	1.30	1.11	0.71
Control Delay	61.8	90.8	67.5	45.3	9.5	43.2	181.8	113.2	13.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Total Delay	61.8	90.8	67.5	45.3	9.5	43.2	181.8	113.2	14.1
LOS	E	F	E	D	A	D	F	F	B
Approach Delay		87.2		33.7			180.2		39.9
Approach LOS		F		C			F		D

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 6 (4%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.30

Intersection Signal Delay: 85.7

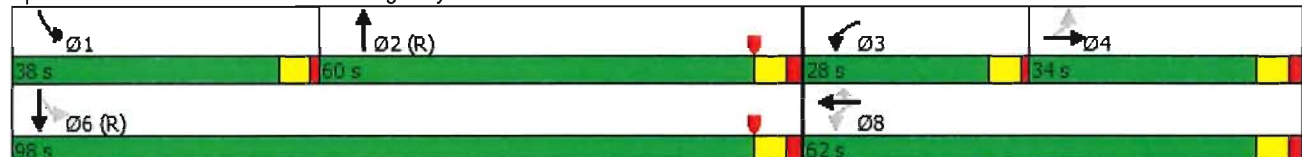
Intersection LOS: F

Intersection Capacity Utilization 121.5%

ICU Level of Service H

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	29	206	261	220	468	18	1524	551	1565
v/c Ratio	0.19	0.82	0.84	0.39	0.62	0.18	1.30	1.11	0.71
Control Delay	61.8	90.8	67.5	45.3	9.5	43.2	181.8	113.2	13.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7
Total Delay	61.8	90.8	67.5	45.3	9.5	43.2	181.8	113.2	14.1
Queue Length 50th (ft)	27	209	219	180	38	13	~1067	~619	203
Queue Length 95th (ft)	59	294	#296	245	141	38	#1208	#930	376
Internal Link Dist (ft)		322		171			268		570
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	201	321	324	652	815	101	1175	498	2198
Starvation Cap Reductn	0	0	0	0	0	0	0	0	307
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.64	0.81	0.34	0.57	0.18	1.30	1.11	0.83

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary

1: US 1/Federal Highway & Dania Beach Boulevard

																		
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR						
Lane Configurations																		
Traffic Volume (veh/h)	28	179	20	253	213	454	17	1269	210	534	1477	41						
Future Volume (veh/h)	28	179	20	253	213	454	17	1269	210	534	1477	41						
Number	7	4	14	3	8	18	5	2	12	1	6	16						
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0						
Ped-Bike Adj(A_pbT)	0.98		0.96	0.98		0.98	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						
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900						
Adj Flow Rate, veh/h	29	185	21	261	220	468	18	1308	216	551	1523	42						
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0						
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97						
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2						
Cap, veh/h	164	263	30	342	605	503	164	1105	181	411	2112	58						
Arrive On Green	0.16	0.16	0.16	0.13	0.32	0.32	0.36	0.36	0.36	0.41	1.00	1.00						
Sat Flow, veh/h	738	1634	186	1774	1863	1548	327	3045	498	1774	3518	97						
Grp Volume(v), veh/h	29	0	206	261	220	468	18	755	769	551	765	800						
Grp Sat Flow(s),veh/h/ln	738	0	1820	1774	1863	1548	327	1770	1774	1774	1770	1846						
Q Serve(g_s), s	5.5	0.0	17.1	19.2	14.5	46.8	5.9	58.0	58.0	33.0	0.0	0.0						
Cycle Q Clear(g_c), s	5.5	0.0	17.1	19.2	14.5	46.8	5.9	58.0	58.0	33.0	0.0	0.0						
Prop In Lane	1.00		0.10	1.00		1.00	1.00		0.28	1.00		0.05						
Lane Grp Cap(c), veh/h	164	0	292	342	605	503	164	642	644	411	1062	1108						
V/C Ratio(X)	0.18	0.00	0.70	0.76	0.36	0.93	0.11	1.18	1.19	1.34	0.72	0.72						
Avail Cap(c_a), veh/h	174	0	318	361	652	542	164	642	644	411	1062	1108						
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	0.56	0.56	0.56						
Uniform Delay (d), s/veh	58.7	0.0	63.5	46.7	41.4	52.3	34.4	51.0	51.0	37.9	0.0	0.0						
Incr Delay (d2), s/veh	0.2	0.0	5.0	7.7	0.1	21.4	1.4	94.9	102.2	162.5	2.4	2.3						
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(50%),veh/ln	1.1	0.0	9.0	10.1	7.5	23.0	0.6	45.3	46.7	36.6	0.7	0.7						
LnGrp Delay(d),s/veh	58.8	0.0	68.5	54.4	41.5	73.7	35.7	145.9	153.2	200.4	2.4	2.3						
LnGrp LOS	E		E	D	D	E	D	F	F	F	A	A						
Approach Vol, veh/h	235				949				1542									
Approach Delay, s/veh	67.3				60.9				148.2									
Approach LOS	E				E				F									
Timer	1	2	3	4	5	6	7	8										
Assigned Phs	1	2	3	4	5		6	8										
Phs Duration (G+Y+Rc), s	38.0	64.0	26.2	31.7	102.0		58.0											
Change Period (Y+Rc), s	5.0	6.0	5.0	6.0	6.0		6.0											
Max Green Setting (Gmax), s	33.0	54.0	23.0	28.0	92.0		56.0											
Max Q Clear Time (g_c+I1), s	35.0	60.0	21.2	19.1	2.0		48.8											
Green Ext Time (p_c), s	0.0	0.0	0.1	2.1	62.1		1.9											
Intersection Summary																		
HCM 2010 Ctrl Delay	86.0																	
HCM 2010 LOS	F																	

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	59	71	54	13	30	17	1719	188	1950
Future Volume (vph)	59	71	54	13	30	17	1719	188	1950
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		25.2	25.2		25.2	122.8	122.8	122.8	122.8
Actuated g/C Ratio		0.16	0.16		0.16	0.77	0.77	0.77	0.77
v/c Ratio		1.37	0.22		0.89	0.24	0.68	1.62	0.78
Control Delay		263.9	36.2		85.8	4.2	11.2	333.5	14.0
Queue Delay		0.0	0.0		0.0	0.0	0.6	0.0	0.0
Total Delay		263.9	36.2		85.8	4.2	11.8	333.5	14.0
LOS		F	D		F	A	B	F	B
Approach Delay		197.0			85.8		11.7		41.5
Approach LOS		F			F		B		D

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 26 (16%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.62

Intersection Signal Delay: 38.5

Intersection LOS: D

Intersection Capacity Utilization 107.2%

ICU Level of Service G

Analysis Period (min) 15

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



Queues

2: US 1/Federal Highway & NE 1st Street

	→	↘	←	↙	↑	↗	↓
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	137	57	253	18	1833	198	2108
v/c Ratio	1.37	0.22	0.89	0.24	0.68	1.62	0.78
Control Delay	263.9	36.2	85.8	4.2	11.2	333.5	14.0
Queue Delay	0.0	0.0	0.0	0.0	0.6	0.0	0.0
Total Delay	263.9	36.2	85.8	4.2	11.8	333.5	14.0
Queue Length 50th (ft)	~179	29	221	2	194	~171	636
Queue Length 95th (ft)	#319	72	#349	m3	m130	#348	766
Internal Link Dist (ft)	305		170		570		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	116	302	322	74	2709	122	2705
Starvation Cap Reductn	0	0	0	0	452	0	0
Spillback Cap Reductn	0	0	0	0	0	0	23
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	1.18	0.19	0.79	0.24	0.81	1.62	0.79
Intersection Summary							
~ Volume exceeds capacity, queue is theoretically infinite. Queue shown is maximum after two cycles.							
# 95th percentile volume exceeds capacity, queue may be longer. Queue shown is maximum after two cycles.							
m Volume for 95th percentile queue is metered by upstream signal.							

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	59	71	54	13	30	197	17	1719	23	188	1950	52
Future Volume (veh/h)	59	71	54	13	30	197	17	1719	23	188	1950	52
Number	7	4	14	3	8	18	5	2	12	1	6	16
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		0.99	1.00		0.99
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	62	75	57	14	32	207	18	1809	24	198	2053	55
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	74	79	286	24	25	110	119	2660	35	233	2619	70
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	230	434	1575	0	135	609	193	3576	47	252	3521	94
Grp Volume(v), veh/h	137	0	57	253	0	0	18	893	940	198	1027	1081
Grp Sat Flow(s),veh/h/ln	664	0	1575	745	0	0	193	1770	1854	252	1770	1845
Q Serve(g_s), s	0.0	0.0	4.9	0.0	0.0	0.0	8.3	0.0	0.0	119.0	56.7	58.0
Cycle Q Clear(g_c), s	29.0	0.0	4.9	29.0	0.0	0.0	66.3	0.0	0.0	119.0	56.7	58.0
Prop In Lane	0.45		1.00	0.06		0.82	1.00		0.03	1.00		0.05
Lane Grp Cap(c), veh/h	153	0	286	159	0	0	119	1316	1379	233	1316	1372
V/C Ratio(X)	0.89	0.00	0.20	1.59	0.00	0.00	0.15	0.68	0.68	0.85	0.78	0.79
Avail Cap(c_a), veh/h	153	0	286	159	0	0	119	1316	1379	233	1316	1372
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	0.00	0.09	0.09	0.09	1.00	1.00	1.00
Uniform Delay (d), s/veh	65.3	0.0	55.6	61.0	0.0	0.0	16.2	0.0	0.0	23.6	12.5	12.7
Incr Delay (d2), s/veh	43.1	0.0	0.3	295.0	0.0	0.0	0.2	0.3	0.3	30.4	4.6	4.6
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(50%),veh/ln	7.9	0.0	2.2	20.0	0.0	0.0	0.5	0.1	0.1	10.7	29.1	30.9
LnGrp Delay(d),s/veh	108.4	0.0	55.9	356.0	0.0	0.0	16.4	0.3	0.3	54.0	17.2	17.3
LnGrp LOS	F		E	F			B	A	A	D	B	B
Approach Vol, veh/h	194		253			1851			2306			
Approach Delay, s/veh	93.0		356.0			0.4			20.4			
Approach LOS	F		F			A			C			
Timer	1	2	3	4	5	6	7	8				
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+l1), s	68.3		31.0			121.0			31.0			
Green Ext Time (p_c), s	49.6		0.0			0.0			0.0			
Intersection Summary												
HCM 2010 Ctrl Delay			33.9									
HCM 2010 LOS			C									

HCM 2010 TWSC
3: NE 1st Avenue & Dania Beach Boulevard

Intersection												
Int Delay, s/veh	0.9											
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	888	10	0	939	197	0	0	50	0	0	76
Future Vol, veh/h	0	888	10	0	939	197	0	0	50	0	0	76
Conflicting Peds, #/hr	6	0	30	30	0	6	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	987	11	0	1043	219	0	0	56	0	0	84

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	530	-	-	523
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	493	0	0	499
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	478	-	-	499
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	13.5	13.7
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	478	-	-	-	499
HCM Lane V/C Ratio	0.116	-	-	-	0.169
HCM Control Delay (s)	13.5	-	-	-	13.7
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.4	-	-	-	0.6

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection

Int Delay, s/veh 6.7

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↕			↕			↕			↕	
Traffic Vol, veh/h	7	225	37	9	84	1	155	39	13	15	8	7
Future Vol, veh/h	7	225	37	9	84	1	155	39	13	15	8	7
Conflicting Peds, #/hr	3	0	4	4	0	3	1	0	0	0	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	256	42	10	95	1	176	44	15	17	9	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	100	0	0	302	0	0	423	417	281	441	437	100
Stage 1	-	-	-	-	-	-	297	297	-	119	119	-
Stage 2	-	-	-	-	-	-	126	120	-	322	318	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1493	-	-	1259	-	-	541	527	758	527	513	956
Stage 1	-	-	-	-	-	-	712	668	-	885	797	-
Stage 2	-	-	-	-	-	-	878	796	-	690	654	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1492	-	-	1259	-	-	521	516	755	476	502	952
Mov Cap-2 Maneuver	-	-	-	-	-	-	521	516	-	476	502	-
Stage 1	-	-	-	-	-	-	705	661	-	877	788	-
Stage 2	-	-	-	-	-	-	853	787	-	627	648	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	0.8	17.1	12
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	530	1492	-	-	1259	-	-	547
HCM Lane V/C Ratio	0.444	0.005	-	-	0.008	-	-	0.062
HCM Control Delay (s)	17.1	7.4	0	-	7.9	0	-	12
HCM Lane LOS	C	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	2.3	0	-	-	0	-	-	0.2

Timings

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	28	181	272	215	495	17	1269	534	1477
Future Volume (vph)	28	181	272	215	495	17	1269	534	1477
Turn Type	Perm	NA	pm+pt	NA	Perm	Perm	NA	pm+pt	NA
Protected Phases		4	3	8			2	1	6
Permitted Phases	4		8		8	2		6	
Detector Phase	4	4	3	8	8	2	2	1	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	5.0	6.0	6.0	7.0	7.0	4.0	7.0
Minimum Split (s)	36.0	36.0	10.0	36.0	36.0	34.0	34.0	49.5	34.0
Total Split (s)	34.0	34.0	28.0	62.0	62.0	60.0	60.0	38.0	98.0
Total Split (%)	21.3%	21.3%	17.5%	38.8%	38.8%	37.5%	37.5%	23.8%	61.3%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	1.0	2.0	2.0	2.0	2.0	1.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)	6.0	6.0	5.0	6.0	6.0	6.0	6.0	5.0	6.0
Lead/Lag	Lag	Lag	Lead			Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	Yes			Yes	Yes	Yes	
Recall Mode	None	None	None	None	None	C-Min	C-Min	None	C-Min
Act Effct Green (s)	21.9	21.9	49.9	48.9	48.9	54.0	54.0	100.1	99.1
Actuated g/C Ratio	0.14	0.14	0.31	0.31	0.31	0.34	0.34	0.63	0.62
v/c Ratio	0.18	0.83	0.89	0.39	0.67	0.18	1.31	1.12	0.72
Control Delay	61.6	91.1	73.3	44.9	12.9	43.2	187.9	121.4	13.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total Delay	61.6	91.1	73.3	44.9	12.9	43.2	187.9	121.4	14.2
LOS	E	F	E	D	B	D	F	F	B
Approach Delay		87.5		36.6			186.2		42.1
Approach LOS		F		D			F		D

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 6 (4%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.31

Intersection Signal Delay: 88.7

Intersection LOS: F

Intersection Capacity Utilization 123.0%

ICU Level of Service H

Analysis Period (min) 15

Splits and Phases: 1: US 1/Federal Highway & Dania Beach Boulevard



Queues

1: US 1/Federal Highway & Dania Beach Boulevard

									
Lane Group	EBL	EBT	WBL	WBT	WBR	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	29	208	280	222	510	18	1539	551	1565
v/c Ratio	0.18	0.83	0.89	0.39	0.67	0.18	1.31	1.12	0.72
Control Delay	61.6	91.1	73.3	44.9	12.9	43.2	187.9	121.4	13.4
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8
Total Delay	61.6	91.1	73.3	44.9	12.9	43.2	187.9	121.4	14.2
Queue Length 50th (ft)	27	211	237	182	74	13	~1085	~620	202
Queue Length 95th (ft)	59	297	#331	247	197	38	#1226	#930	376
Internal Link Dist (ft)		322		171			268		253
Turn Bay Length (ft)	200		260			280		370	
Base Capacity (vph)	201	321	324	652	815	101	1173	490	2183
Starvation Cap Reductn	0	0	0	0	0	0	0	0	307
Spillback Cap Reductn	0	0	0	0	0	0	0	0	0
Storage Cap Reductn	0	0	0	0	0	0	0	0	0
Reduced v/c Ratio	0.14	0.65	0.86	0.34	0.63	0.18	1.31	1.12	0.83

Intersection Summary

- ~ Volume exceeds capacity, queue is theoretically infinite.
Queue shown is maximum after two cycles.
- # 95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary

1: US 1/Federal Highway & Dania Beach Boulevard

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	28	181	20	272	215	495	17	1269	224	534	1477	41
Future Volume (veh/h)	28	181	20	272	215	495	17	1269	224	534	1477	41
Number	7	4	14	3	8	18	5	2	12	1	6	16
Initial Q (Qb), veh	0	0	0	0	0	0	0	0	0	0	0	0
Ped-Bike Adj(A_pbT)	0.98		0.96	0.98		0.98	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
Adj Sat Flow, veh/h/ln	1863	1863	1900	1863	1863	1863	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	29	187	21	280	222	510	18	1308	231	551	1523	42
Adj No. of Lanes	1	1	0	1	1	1	1	2	0	1	2	0
Peak Hour Factor	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	165	276	31	364	633	527	159	1047	183	411	2059	57
Arrive On Green	0.17	0.17	0.17	0.14	0.34	0.34	0.35	0.35	0.35	0.41	1.00	1.00
Sat Flow, veh/h	710	1637	184	1774	1863	1550	327	3012	527	1774	3518	97
Grp Volume(v), veh/h	29	0	208	280	222	510	18	763	776	551	765	800
Grp Sat Flow(s),veh/h/ln	710	0	1821	1774	1863	1550	327	1770	1769	1774	1770	1846
Q Serve(g_s), s	5.7	0.0	17.2	20.4	14.3	51.8	6.1	55.6	55.6	33.0	0.0	0.0
Cycle Q Clear(g_c), s	5.7	0.0	17.2	20.4	14.3	51.8	6.1	55.6	55.6	33.0	0.0	0.0
Prop In Lane	1.00		0.10	1.00		1.00	1.00		0.30	1.00		0.05
Lane Grp Cap(c), veh/h	165	0	307	364	633	527	159	615	615	411	1036	1080
V/C Ratio(X)	0.18	0.00	0.68	0.77	0.35	0.97	0.11	1.24	1.26	1.34	0.74	0.74
Avail Cap(c_a), veh/h	169	0	319	370	652	542	159	615	615	411	1036	1080
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	1.00	1.00	1.00
Uniform Delay (d), s/veh	57.7	0.0	62.4	45.3	39.6	52.0	36.0	52.2	52.2	37.6	0.0	0.0
Incr Delay (d2), s/veh	0.2	0.0	4.3	8.4	0.1	30.0	1.4	121.5	130.4	169.1	4.7	4.6
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(50%),veh/ln	1.1	0.0	9.0	10.7	7.4	26.6	0.6	47.9	49.5	37.3	1.4	1.4
LnGrp Delay(d),s/veh	57.8	0.0	66.8	53.7	39.7	82.0	37.5	173.6	182.6	206.7	4.7	4.6
LnGrp LOS	E		E	D	D	F	D	F	F	F	A	A
Approach Vol, veh/h	237		1012				1557				2116	
Approach Delay, s/veh	65.7		64.9				176.5				57.3	
Approach LOS	E		E				F				E	
Timer	1	2	3	4	5	6	7	8				
Assigned Phs	1	2	3	4		6		8				
Phs Duration (G+Y+Rc), s	38.0	61.6	27.4	33.0		99.6		60.4				
Change Period (Y+Rc), s	5.0	6.0	5.0	6.0		6.0		6.0				
Max Green Setting (Gmax), s	33.0	54.0	23.0	28.0		92.0		56.0				
Max Q Clear Time (g_c+I1), s	35.0	57.6	22.4	19.2		2.0		53.8				
Green Ext Time (p_c), s	0.0	0.0	0.0	0.6		18.6		0.6				
Intersection Summary												
HCM 2010 Ctrl Delay	97.0											
HCM 2010 LOS	F											

Timings

2: US 1/Federal Highway & NE 1st Street

									
Lane Group	EBL	EBT	EBR	WBL	WBT	NBL	NBT	SBL	SBT
Lane Configurations									
Traffic Volume (vph)	59	73	54	13	32	17	1719	204	1950
Future Volume (vph)	59	73	54	13	32	17	1719	204	1950
Turn Type	Perm	NA	Perm	Perm	NA	Perm	NA	Perm	NA
Protected Phases		4			8		2		6
Permitted Phases	4		4	8		2		6	
Detector Phase	4	4	4	8	8	2	2	6	6
Switch Phase									
Minimum Initial (s)	6.0	6.0	6.0	6.0	6.0	10.0	10.0	10.0	10.0
Minimum Split (s)	31.0	31.0	31.0	31.0	31.0	25.0	25.0	25.0	25.0
Total Split (s)	35.0	35.0	35.0	35.0	35.0	125.0	125.0	125.0	125.0
Total Split (%)	21.9%	21.9%	21.9%	21.9%	21.9%	78.1%	78.1%	78.1%	78.1%
Yellow Time (s)	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
All-Red Time (s)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Lost Time Adjust (s)		0.0	0.0		0.0	0.0	0.0	0.0	0.0
Total Lost Time (s)		6.0	6.0		6.0	6.0	6.0	6.0	6.0
Lead/Lag									
Lead-Lag Optimize?									
Recall Mode	None	None	None	None	None	C-Min	C-Min	C-Min	C-Min
Act Effct Green (s)		29.0	29.0		29.0	119.0	119.0	119.0	119.0
Actuated g/C Ratio		0.18	0.18		0.18	0.74	0.74	0.74	0.74
v/c Ratio		1.09	0.19		0.84	0.29	0.72	2.07	0.80
Control Delay		165.4	35.4		76.7	6.8	12.5	531.5	16.2
Queue Delay		0.0	0.0		0.0	0.0	0.9	0.0	0.0
Total Delay		165.4	35.4		76.7	6.8	13.5	531.5	16.2
LOS		F	D		E	A	B	F	B
Approach Delay		127.6			76.7		13.4		63.9
Approach LOS		F			E		B		E

Intersection Summary

Cycle Length: 160

Actuated Cycle Length: 160

Offset: 26 (16%), Referenced to phase 2:NBTL and 6:SBTL, Start of Yellow

Natural Cycle: 150

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 2.07

Intersection Signal Delay: 46.9

Intersection LOS: D

Intersection Capacity Utilization 108.4%

ICU Level of Service G

Analysis Period (min) 15

Splits and Phases: 2: US 1/Federal Highway & NE 1st Street



Queues

2: US 1/Federal Highway & NE 1st Street

							
Lane Group	EBT	EBR	WBT	NBL	NBT	SBL	SBT
Lane Group Flow (vph)	139	57	272	18	1876	215	2108
v/c Ratio	1.09	0.19	0.84	0.29	0.72	2.07	0.80
Control Delay	165.4	35.4	76.7	6.8	12.5	531.5	16.2
Queue Delay	0.0	0.0	0.0	0.0	0.9	0.0	0.0
Total Delay	165.4	35.4	76.7	6.8	13.5	531.5	16.2
Queue Length 50th (ft)	~163	28	241	2	231	~244	670
Queue Length 95th (ft)	#312	72	#397	m3	m151	#422	766
Internal Link Dist (ft)	305		170		237		288
Turn Bay Length (ft)		200		230		215	
Base Capacity (vph)	127	302	322	63	2614	104	2620
Starvation Cap Reductn	0	0	0	0	429	0	0
Spillback Cap Reductn	0	0	0	0	0	0	23
Storage Cap Reductn	0	0	0	0	0	0	0
Reduced v/c Ratio	1.09	0.19	0.84	0.29	0.86	2.07	0.81
Intersection Summary							
~ Volume exceeds capacity, queue is theoretically infinite. Queue shown is maximum after two cycles.							
# 95th percentile volume exceeds capacity, queue may be longer. Queue shown is maximum after two cycles.							
m Volume for 95th percentile queue is metered by upstream signal.							

HCM 2010 Signalized Intersection Summary

2: US 1/Federal Highway & NE 1st Street

												
Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations												
Traffic Volume (veh/h)	59	73	54	13	32	213	17	1719	64	204	1950	52
Future Volume (veh/h)	59	73	54	13	32	213	17	1719	64	204	1950	52
Number	7	4	14	3	8	18	5	2	12	1	6	16
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		0.99	1.00		0.99
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
Adj Sat Flow, veh/h/ln	1900	1863	1863	1900	1863	1900	1863	1863	1900	1863	1863	1900
Adj Flow Rate, veh/h	62	77	57	14	34	224	18	1809	67	215	2053	55
Adj No. of Lanes	0	1	1	0	1	0	1	2	0	1	2	0
Peak Hour Factor	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95	0.95
Percent Heavy Veh, %	2	2	2	2	2	2	2	2	2	2	2	2
Cap, veh/h	74	80	286	24	24	111	119	2589	95	225	2619	70
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	227	441	1575	0	131	613	193	3480	128	242	3521	94
Grp Volume(v), veh/h	139	0	57	272	0	0	18	915	961	215	1027	1081
Grp Sat Flow(s),veh/h/ln	668	0	1575	744	0	0	193	1770	1839	242	1770	1845
Q Serve(g_s), s	0.0	0.0	4.9	0.0	0.0	0.0	8.3	0.0	0.0	119.0	56.7	58.0
Cycle Q Clear(g_c), s	29.0	0.0	4.9	29.0	0.0	0.0	66.3	0.0	0.0	119.0	56.7	58.0
Prop In Lane	0.45		1.00	0.05		0.82	1.00		0.07	1.00		0.05
Lane Grp Cap(c), veh/h	154	0	286	158	0	0	119	1316	1368	225	1316	1372
V/C Ratio(X)	0.90	0.00	0.20	1.72	0.00	0.00	0.15	0.70	0.70	0.96	0.78	0.79
Avail Cap(c_a), veh/h	154	0	286	158	0	0	119	1316	1368	225	1316	1372
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	0.00	1.00	1.00	1.00	1.00	1.00	1.00
Uniform Delay (d), s/veh	65.4	0.0	55.6	61.0	0.0	0.0	16.2	0.0	0.0	30.2	12.5	12.7
Incr Delay (d2), s/veh	45.4	0.0	0.3	347.5	0.0	0.0	2.7	3.0	3.0	49.6	4.6	4.6
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(50%),veh/ln	8.1	0.0	2.2	22.3	0.0	0.0	0.5	1.1	1.2	12.6	29.1	30.9
LnGrp Delay(d),s/veh	110.8	0.0	55.9	408.5	0.0	0.0	18.9	3.0	3.0	79.8	17.2	17.3
LnGrp LOS	F		E	F			B	A	A	E	B	B
Approach Vol, veh/h		196			272			1894			2323	
Approach Delay, s/veh		94.8			408.5			3.2			23.0	
Approach LOS		F			F			A			C	
Timer	1	2	3	4	5	6	7	8				
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		68.3		31.0		121.0		31.0				
Green Ext Time (p_c), s		26.0		0.0		0.0		0.0				
Intersection Summary												
HCM 2010 Ctrl Delay			40.4									
HCM 2010 LOS			D									

HCM 2010 TWSC

3: NE 1st Avenue & Dania Beach Boulevard

Intersection

Int Delay, s/veh 1

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations		↑↑			↑↑	↑			↑			↑
Traffic Vol, veh/h	0	908	10	0	984	197	0	0	50	0	0	97
Future Vol, veh/h	0	908	10	0	984	197	0	0	50	0	0	97
Conflicting Peds, #/hr	6	0	30	30	0	6	1	0	1	1	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	Free	-	-	None	-	-	Stop
Storage Length	-	-	-	-	-	240	-	-	0	-	-	0
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	90	90	90	90	90	90	90	90	90	90	90	90
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	0	1009	11	0	1093	219	0	0	56	0	0	108

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	-	0	0	-	-	0	-	-	541	-	-	548
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy	-	-	-	-	-	-	-	-	6.94	-	-	6.94
Critical Hdwy Stg 1	-	-	-	-	-	-	-	-	-	-	-	-
Critical Hdwy Stg 2	-	-	-	-	-	-	-	-	-	-	-	-
Follow-up Hdwy	-	-	-	-	-	-	-	-	3.32	-	-	3.32
Pot Cap-1 Maneuver	0	-	-	0	-	0	0	0	485	0	0	480
Stage 1	0	-	-	0	-	0	0	0	-	0	0	-
Stage 2	0	-	-	0	-	0	0	0	-	0	0	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	-	-	-	-	-	-	-	-	471	-	-	480
Mov Cap-2 Maneuver	-	-	-	-	-	-	-	-	-	-	-	-
Stage 1	-	-	-	-	-	-	-	-	-	-	-	-
Stage 2	-	-	-	-	-	-	-	-	-	-	-	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0	0	13.7	14.7
HCM LOS			B	B

Minor Lane/Major Mvmt	NBLn1	EBT	EBR	WBT	SBLn1
Capacity (veh/h)	471	-	-	-	480
HCM Lane V/C Ratio	0.118	-	-	-	0.225
HCM Control Delay (s)	13.7	-	-	-	14.7
HCM Lane LOS	B	-	-	-	B
HCM 95th %tile Q(veh)	0.4	-	-	-	0.9

HCM 2010 TWSC

4: NE 1st Avenue & NE 1st Street & NE st Avenue

Intersection

Int Delay, s/veh 9.4

Movement	EBL	EBT	EBR	WBL	WBT	WBR	NBL	NBT	NBR	SBL	SBT	SBR
Lane Configurations	↕			↕			↕			↕		
Traffic Vol, veh/h	7	225	96	27	84	1	173	39	55	15	8	7
Future Vol, veh/h	7	225	96	27	84	1	173	39	55	15	8	7
Conflicting Peds, #/hr	3	0	4	4	0	3	1	0	0	0	0	1
Sign Control	Free	Free	Free	Free	Free	Free	Stop	Stop	Stop	Stop	Stop	Stop
RT Channelized	-	-	None	-	-	None	-	-	None	-	-	None
Storage Length	-	-	-	-	-	-	-	-	-	-	-	-
Veh in Median Storage, #	-	0	-	-	0	-	-	0	-	-	0	-
Grade, %	-	0	-	-	0	-	-	0	-	-	0	-
Peak Hour Factor	88	88	88	88	88	88	88	88	88	88	88	88
Heavy Vehicles, %	2	2	2	2	2	2	2	2	2	2	2	2
Mvmt Flow	8	256	109	31	95	1	197	44	63	17	9	8

Major/Minor	Major1			Major2			Minor1			Minor2		
Conflicting Flow All	99	0	0	369	0	0	498	492	315	541	546	100
Stage 1	-	-	-	-	-	-	331	331	-	161	161	-
Stage 2	-	-	-	-	-	-	167	161	-	380	385	-
Critical Hdwy	4.12	-	-	4.12	-	-	7.12	6.52	6.22	7.12	6.52	6.22
Critical Hdwy Stg 1	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Critical Hdwy Stg 2	-	-	-	-	-	-	6.12	5.52	-	6.12	5.52	-
Follow-up Hdwy	2.218	-	-	2.218	-	-	3.518	4.018	3.318	3.518	4.018	3.318
Pot Cap-1 Maneuver	1494	-	-	1190	-	-	483	478	725	452	445	956
Stage 1	-	-	-	-	-	-	682	645	-	841	765	-
Stage 2	-	-	-	-	-	-	835	765	-	642	611	-
Platoon blocked, %	-	-	-	-	-	-	-	-	-	-	-	-
Mov Cap-1 Maneuver	1490	-	-	1185	-	-	456	458	722	371	426	952
Mov Cap-2 Maneuver	-	-	-	-	-	-	456	458	-	371	426	-
Stage 1	-	-	-	-	-	-	674	638	-	833	741	-
Stage 2	-	-	-	-	-	-	794	741	-	542	604	-

Approach	EB	WB	NB	SB
HCM Control Delay, s	0.2	2	23.2	13.6
HCM LOS			C	B

Minor Lane/Major Mvmt	NBLn1	EBL	EBT	EBR	WBL	WBT	WBR	SBLn1
Capacity (veh/h)	494	1490	-	-	1185	-	-	451
HCM Lane V/C Ratio	0.614	0.005	-	-	0.026	-	-	0.076
HCM Control Delay (s)	23.2	7.4	0	-	8.1	0	-	13.6
HCM Lane LOS	C	A	A	-	A	A	-	B
HCM 95th %tile Q(veh)	4.1	0	-	-	0.1	-	-	0.2

HCM 2010 TWSC
7: NE 1st Avenue & Driveway

Intersection							
Int Delay, s/veh	1						
Movement	EBL	EBR	NBL	NBT	SBT	SBR	
Lane Configurations							
Traffic Vol, veh/h	20	21	4	247	95	36	
Future Vol, veh/h	20	21	4	247	95	36	
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	-	-	-	-	-	
Veh in Median Storage, #	0	-	-	0	0	-	
Grade, %	0	-	-	0	0	-	
Peak Hour Factor	92	92	92	92	92	92	
Heavy Vehicles, %	2	2	2	2	2	2	
Mvmt Flow	22	23	4	268	103	39	
Major/Minor	Minor2		Major1		Major2		
Conflicting Flow All	399	123	142	0	-	0	
Stage 1	123	-	-	-	-	-	
Stage 2	276	-	-	-	-	-	
Critical Hdwy	6.42	6.22	4.12	-	-	-	
Critical Hdwy Stg 1	5.42	-	-	-	-	-	
Critical Hdwy Stg 2	5.42	-	-	-	-	-	
Follow-up Hdwy	3.518	3.318	2.218	-	-	-	
Pot Cap-1 Maneuver	607	928	1441	-	-	-	
Stage 1	902	-	-	-	-	-	
Stage 2	771	-	-	-	-	-	
Platoon blocked, %				-	-	-	
Mov Cap-1 Maneuver	605	928	1441	-	-	-	
Mov Cap-2 Maneuver	605	-	-	-	-	-	
Stage 1	899	-	-	-	-	-	
Stage 2	771	-	-	-	-	-	
Approach	EB		NB		SB		
HCM Control Delay, s	10.2		0.1		0		
HCM LOS	B						
Minor Lane/Major Mvmt	NBL	NBT	EBLn1	SBT	SBR		
Capacity (veh/h)	1441	-	736	-	-		
HCM Lane V/C Ratio	0.003	-	0.061	-	-		
HCM Control Delay (s)	7.5	0	10.2	-	-		
HCM Lane LOS	A	A	B	-	-		
HCM 95th %tile Q(veh)	0	-	0.2	-	-		

APPENDIX F

Queuing Analyses

Queuing Analysis based on ITE Procedures

$$q = 40 \text{ veh/hr (demand rate)}^*$$

$$Q = 10 \text{ veh/hr (service rate)}$$

$$p = \frac{q}{NQ} = 0.66 \text{ (N = 6 valet runners)}$$

$$Q_M = 0.66$$

Using Acceptable Probability of 10% (90% Confidence Level)

$$M = \left(\frac{\ln(x > M) - \ln(Q_M)}{\ln(p)} \right) - 1$$

$$M = \left(\frac{\ln(0.10) - \ln(0.66)}{\ln(0.66)} \right) - 1$$

$$M = \left(\frac{-2.3026 - (-0.4155)}{-0.4155} \right) - 1$$

$$M = 4.54 - 1 = 3.54, \text{ say 4 vehicles}$$

* Assumed 100% of trips will use valet parking

TRU BY HILTON DANIA BEACH

24 N Federal Hwy, Dania Beach, FL 33004

REFERENCE # SP-002-17

D.R.C. RE-SUBMITTAL

08/08/2017

PROJECT LOCATION



DANIA BEACH, FL - BROWARD COUNTY

OFF-SITE VALET
PARKING SITE
HOTEL SITE



ARCHITECTURE

David L. Wallace & Associates, P.A.
542 Douglas Avenue
Dunedin, Florida 34698
Javier Negroni, Senior Project Manager
PHONE: 305 749 3681, x 305
FAX: 727 736 8343
EMAIL: dlw2@dlwarchitects.com
LIC. # 6837579-0301

CIVIL

Craven Thompson & Associates, Inc.
3563 NW 53rd Street
Fort Lauderdale, FL 33309-6311
Chad Edwards, Senior Supervising Engineer
PHONE: 954 739-6400, x 307
EMAIL: cedwards@craventhompson.com

LANDSCAPE

Mariano Corral Landscape Architect
3001 SW 109 Court, Miami, FL 33165
Mariano Corral, ASLA, PLA, ISA,
CEO/Principal
PHONE: 305-793-0665, x
EMAIL: marianocorral@comcast.net

SHEET INDEX	
Sheet Number	Sheet Name
COVER	COVER
A-000	COVER
SURVEY	SURVEY
PLAT	PLATTING
V-1	HOTEL LOT SURVEY
V-2	PARKING LOT SURVEY
ARCHITECTURAL	ARCHITECTURAL
A-001	PROJECT DATA
A-002	LAND USE AND ZONING MAPS
A-040	SITE PLAN
A-041	SITE DETAILS
A-041.1	SITE DETAILS
A-100	1ST FLOOR PLAN
A-101	2ND THRU 6TH TYPICAL FLOOR PLAN
A-106	ROOF PLAN
A-300	WEST BUILDING ELEVATION
A-301	NORTH BUILDING ELEVATION
A-302	EAST BUILDING ELEVATION
A-303	SOUTH BUILDING ELEVATION
A-304	HOTEL SIGNAGE DETAILS
A-400	BUILDING SECTIONS
A-401	BUILDING SECTIONS
A-800	VIEWS
A-802	RENDERINGS @ HOTEL
A-803	RENDERINGS @ HOTEL
A-804	RENDERINGS @ HOTEL
A-805	RENDERINGS @ PARKING LOT
A-806	SHADOW STUDY
CIVIL	CIVIL
C-1	COVER SHEET
C-2	GENERAL NOTES & SPECIFICATIONS
C-3	DEMOLITION PLAN
C-4	PAVING, GRADING, DRAINAGE PLAN
C-5	WATER AND SEWER PLAN
C-6	PAVEMENT MARKING AND SIGNAGE PLAN
C-7	EROSION CONTROL PLAN
C-8	PAVING AND DRAINAGE DETAILS 1
C-9	PAVING AND DRAINAGE DETAILS 2
C-10	WATER AND SEWER DETAILS 1
C-11	WATER AND SEWER DETAILS 2
C-12	WATER AND SEWER DETAILS 3
C-13	WATER AND SEWER DETAILS 4
LANDSCAPE	LANDSCAPE
IR-1	SITE HOTEL IRRIGATION
IR-2	REMOTE IRRIGATION
LD-1	HOTEL
LD-2	REMOTE PARKING
LP-1	SITE LANDSCAPE
LP-2	REMOTE LANDSCAPE
ELECTRICAL	ELECTRICAL
E-1	PHOTOMETRIC PLAN
E-2	FIXTURE SELECTIONS

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



FL COA: AA26001254

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Dunedin, FL 34698
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www.dlwarchitects.com
ESTABLISHED 1981

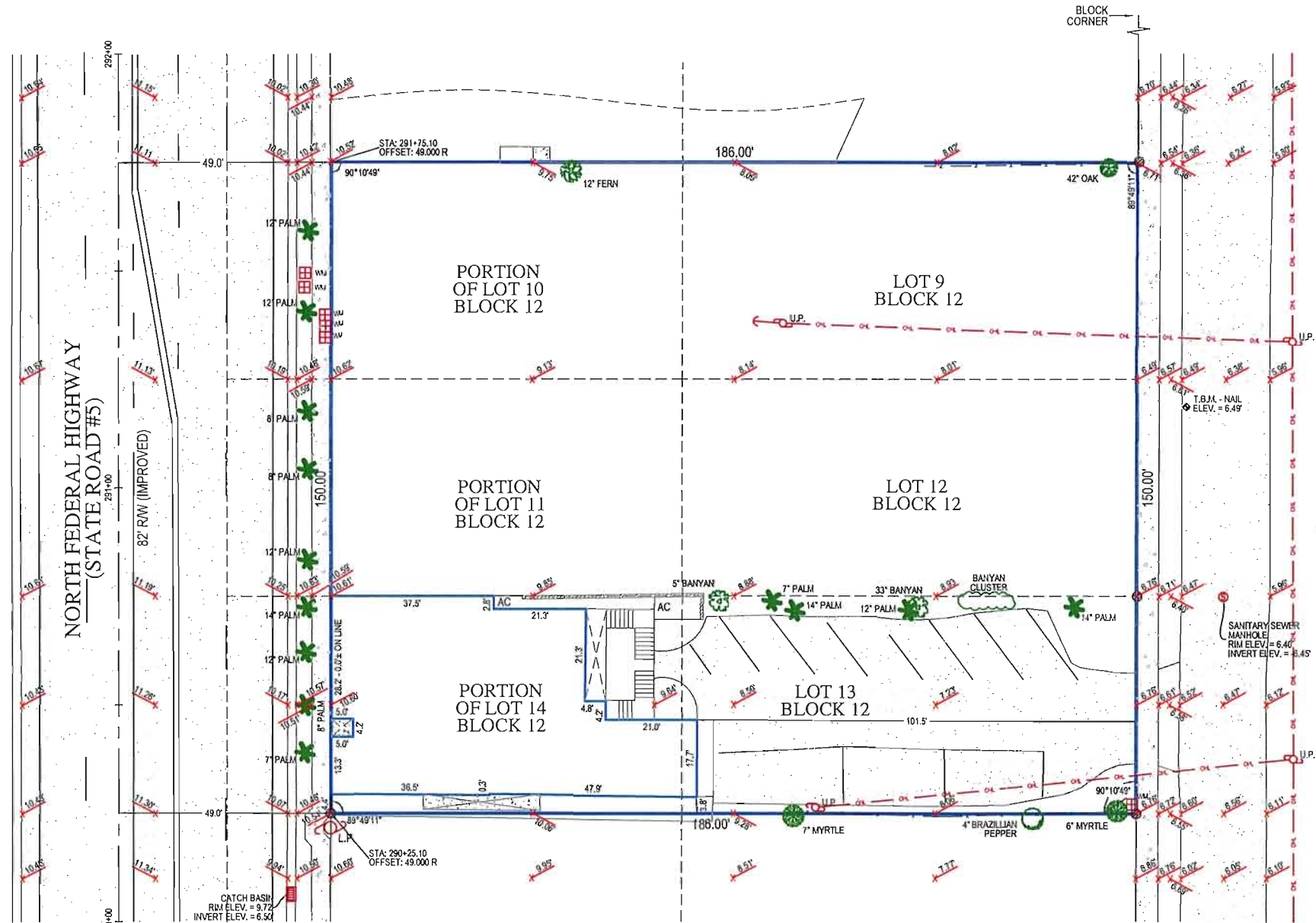


DRAWN	CM
EDIT DATE	10/9/2017 10:18:40 AM
ISSUE DATE	01/06/2017
SCALE	As Indicated
JOB NUMBER	16-0028
PROJECT STATUS	SITE PLAN APPROVAL
SHEET NAME	COVER
SHEET NUMBER	A-000

1" = 20'

BOUNDARY SURVEY

PAGE 1 OF 1



ORIGINATION BENCHMARK
BROWARD COUNTY BRASS DISK
"AD 5877"
N.A.V.D. 1988 ELEVATION = 3.75

SURVEY NOTES
BUILDING CROSSING NORTHERLY PROPERTY LINE

CONCRETE CROSSING PROPERTY BOUNDARY
ON EASTERLY AND SOUTHERLY SIDES OF LOT

THERE ARE FENCES & CBS WALLS NEAR
THE BOUNDARY OF THE PROPERTY

LEGAL DESCRIPTION:
LOT 9, LOT 10 LESS THE STREET RIGHT-OF-WAY, LOT 11 LESS
THE STREET RIGHT-OF-WAY, AND ALL OF LOT 12, BLOCK 12,
TOWN OF MODELO (NOW DANIA) ACCORDING TO THE PLAT
THEREOF, AS RECORDED IN PLAT BOOK 8, PAGE 49, OF THE
PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA,
AND
LOT 13 AND 14, BLOCK 12, TOWN OF MODELO (NOW DANIA
BEACH) ACCORDING TO THE PLAT THEREOF, AS RECORDED IN
PLAT BOOK 8, PAGE 49, OF THE PUBLIC RECORDS OF
BROWARD COUNTY, FLORIDA; SAID LANDS SITUATE, LYING
AND BEING IN BROWARD COUNTY FLORIDA, LESS THE WEST
24 FEET OF SAID LOT 14 WHICH HAS BEEN HERETOFORE
CONVEYED TO THE STATE OF FLORIDA FOR HIGHWAY
PURPOSES

COMMUNITY NUMBER: 120034
PANEL: 0567 SUFFIX: H
FLOOD ZONE: X
FIELD WORK: 10-9-2016

PROPERTY ADDRESS:
24-28 N FEDERAL HIGHWAY
DANIA BEACH, FL

SURVEY NUMBER: 270873

SYMBOL DESCRIPTIONS:

	= CATCH BASIN		= MISC. FENCE
	= CENTERLINE ROAD		= PROPERTY CORNER
	= COVERED AREA		= UTILITY BOX
	= EXISTING ELEVATION		= UTILITY POLE
	= HYDRANT		= WATER METER
	= MANHOLE		= WELL
	= METAL FENCE		= WOOD FENCE

ABBREVIATION DESCRIPTION:

A/C	AIR CONDITIONER
I.D.	IDENTIFICATION
L	LENGTH
LB	LICENSED BUSINESS
N.A.V.D.	NORTH AMERICAN VERTICAL DATUM
P-K	PARKER KYLON NAIL
PSM	PROFESSIONAL SURVEYOR MAPPER
R	RADIAL / RADIUS
R/W	RIGHT OF WAY

SURVEYORS CERTIFICATE:
I HEREBY CERTIFY THAT THIS BOUNDARY SURVEY IS A TRUE
AND CORRECT REPRESENTATION OF A SURVEY PREPARED
UNDER MY DIRECTION. NOT VALID WITHOUT A RAISED
EMBOSSED SEAL AND SIGNATURE.

(SIGNED) Kenneth Osborne
KENNETH J OSBORNE
PROFESSIONAL SURVEYOR AND MAPPER #5415

DIMENSIONS SHOWN ARE PLAT AND MEASURED UNLESS OTHERWISE SHOWN.
FENCES, CONCRETE, AND METAL WALLS ARE SHOWN AS EXISTING UNLESS NOTED.
FENCES, CONCRETE, AND METAL WALLS ARE SHOWN AS EXISTING UNLESS NOTED.
IN SOME INSTANCES, GRAPHIC REPRESENTATIONS HAVE BEEN EXAGGERATED TO
MORE CLEARLY ILLUSTRATE RELATIONSHIPS BETWEEN PHYSICAL
IMPROVEMENTS AND/OR LOT LINES. IN ALL CASES, DIMENSIONS SHALL CONTROL
THE LOCATION OF IMPROVEMENTS OVER SCALED POSITIONS.

GENERAL NOTES:
1) LEGAL DESCRIPTION PROVIDED BY OTHERS.
2) THE LANDS SHOWN HEREON WERE NOT ABSTRACTED FOR EASEMENTS OR
OTHER RECORDED ENCUMBRANCES NOT SHOWN ON THE PLAT.
3) THROUGHOUT THE PLAT, THERE ARE REFERENCES TO "THE PLAT".
4) WALL TIES ARE TO THE FACE OF THE WALL AND ARE NOT TO BE USED TO
RECONSTRUCT BOUNDARY LINES.
5) ONLY VISIBLE ENCROACHMENTS LOCATED.

LB #7883
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6250 N. MILITARY TRAIL, SUITE 102
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STATEWIDE FACSIMILE (800) 741-0576
WEBSITE: <http://targetsurveying.net>



TITLE EXCEPTIONS:

SUMMARY TABLE OF EXCEPTIONS FROM SCHEDULE B-II
FIDELITY NATIONAL TITLE INSURANCE COMPANY
ORDER No. 6285525 CUSTOMER REFERENCE: 271 25 0055

1. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS
2. TAXES AND ASSESSMENTS
3. STANDARD EXCEPTIONS
 - A.) ENCROACHMENTS, ENCUMBRANCES
 - B.) RIGHTS, CLAIMS
 - C.) LIEN FOR SERVICES, LABOR, MATERIALS
 - D.) TAXES OR ASSESSMENTS NOT SHOWN AS EXISTING LIENS.
4. LIENS IN FAVOR OF CITY FOR UNPAID SERVICES
5. RIGHTS OF TENANTS
6. RESTRICTIONS, EASEMENTS AND OTHER MATTERS
ON PLAT OF BEACHWAY - ALL PLAT CONDITIONS SHOWN ON SURVEY.

REGARDING THE ABOVE ITEMS 1-5:

NONE KNOWN TO THE UNDERSIGNED OR GRAPHICALLY DEPICTABLE

DESCRIPTION:

LOT 1,2,AND 3, BLOCK 5, "BEACHWAY", ACCORDING TO PLAT THEREOF
AS RECORDED IN PLAT BOOK 8, PAGE 33, OF THE PUBLIC RECORDS OF
BROWARD COUNTY, FLORIDA.SAID LAND SITUATED IN THE CITY OF
DANIA BEACH

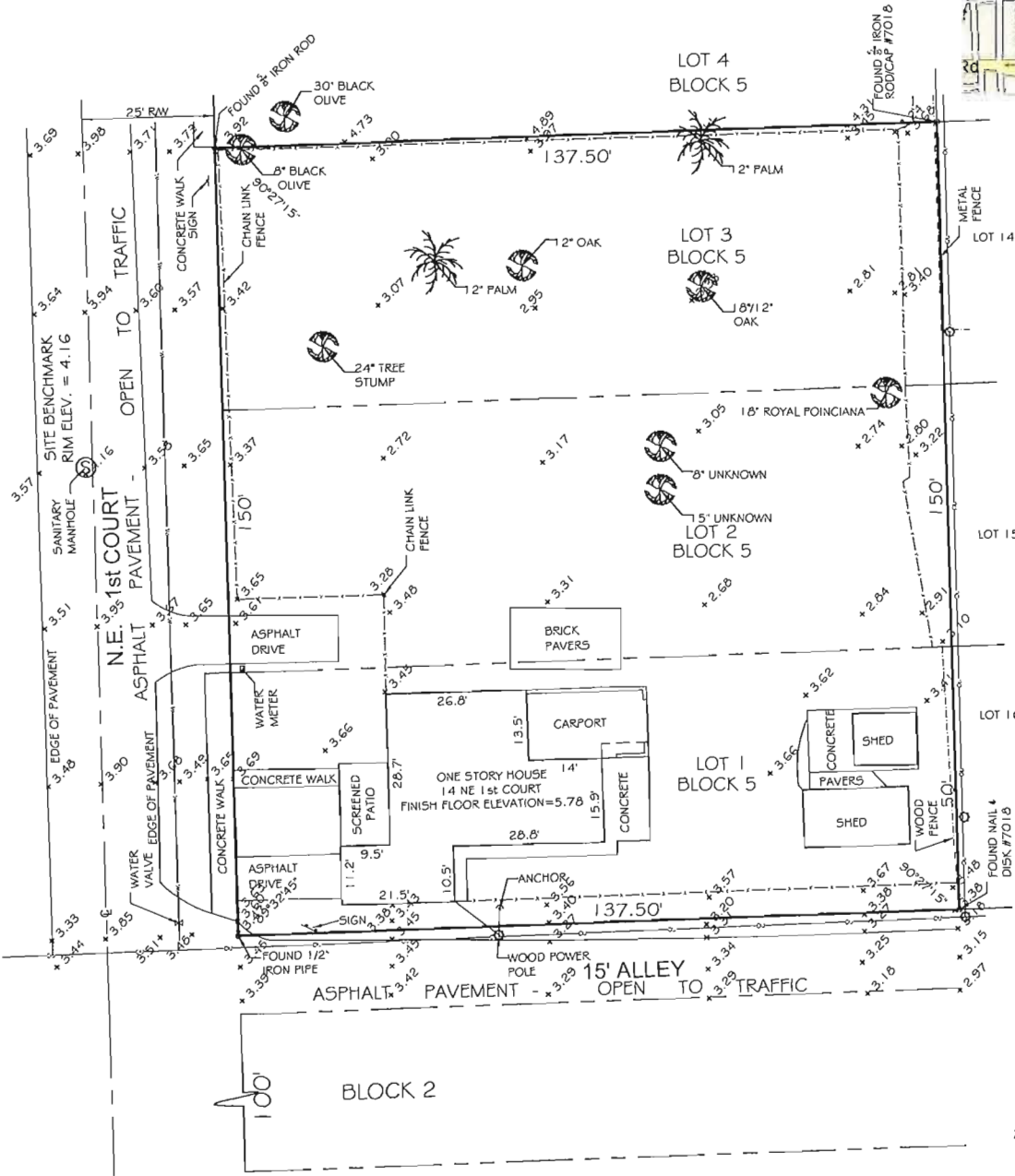
- 1). THE BOUNDARY SURVEY OF THE REAL PROPERTY DEPICTED ON THIS SURVEY REPRESENTS THE PROFESSIONAL OPINION OF THE UNDERSIGNED, BASED ON THE DESCRIPTION ATTACHED HEREON.
- 2). THE USE OF THE WORD "CERTIFY" AS USED HEREON IS AN EXPRESSION OF PROFESSIONAL OPINION AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE.
- 3). THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF TITLE COMMITMENT ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO.: 6285525
1ST REVISED ON MARCH 30, 2017
- 4). EXCEPT AS SPECIFICALLY STATED OR SHOWN HEREON, THIS SURVEY DOES NOT PURPORT TO REFLECT OR REPRESENT THE ABSENCE OR EXISTENCE OF ANY OF THE FOLLOWING, WHICH MAY BE APPLICABLE TO THE PRESENT OF INTENDED USES OF THE SUBJECT PROPERTY: EASEMENTS, BUILDING SETBACK LINES, RESTRICTIVE COVENANTS, ZONING AND OTHER LAND USE REGULATIONS, THE LOCATION OF SUBSURFACE IMPROVEMENTS, STRUCTURES OR UTILITIES, SUBSURFACE WATER FLOW, BOTH ONTO OR FROM THE SITE, ENVIRONMENTALLY REGULATED OR SENSITIVE LANDS, WETLANDS, ROADWAYS OR STREETS, PROPOSED USES, HISTORICALLY SENSITIVE LAND ARCHEOLOGICALLY SENSITIVE LANDS, OR RIGHT OF ACCESS.
- 5). NO WETLAND MARKERS WERE OBSERVED BY THE UNDERSIGNED.
NO FIELD DELINEATION OF WETLANDS BY A QUALIFIED SPECIALIST WAS REQUESTED BY THE UNDERSIGNED.
- 6). ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988.
- 7). WITH REGARD TO TABLE A, ITEM 11 (REFERENCED IN THE SURVEYOR'S CERTIFICATION): THIS SURVEY REFLECTS OBSERVED EVIDENCE OF UTILITIES. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY AND COMPLETELY DEPICTED.
- 8). FLOOD INSURANCE RATE MAP PANEL 12011C0567 SUFFIX H
MAP DATE: AUGUST 18, 2014
CITY OF DANIA BEACH, FL - COMMUNITY NUMBER 120034
FLOOD ZONE FOR THIS PROPERTY: AE
BASE FLOOD ELEVATION: 5

SURVEY CERTIFICATION:

TO:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE
IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR
ALTA / NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS,
AND INCLUDES ITEMS 1, 2, 3, 4, 8, 11 (LIMITED), 13, 14, 16 AND 18 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON MARCH 29, 2017



VICINITY MAP:



BENCHMARK REFERENCE: TRIMBLE VRSNOW CONTINUOUSLY OPERATING REFERENCE NETWORK,
A BASE BROADCAST SERVICE FOR SURVEY-GRADE GPS OBSERVATIONS

NOTES

- 1) THE LAND DESCRIPTION SHOWN HEREON WAS PROVIDED BY THE CLIENT. EASEMENTS AND RIGHTS-OF-WAY PER RECORD PLAT HAVE BEEN SHOWN.
IF REQUIRED, NO FURTHER SEARCH FOR MATTERS OF RECORD HAS BEEN MADE BY THIS FIRM.
- 2) THIS SURVEY IS PREPARED FOR THE SOLE AND EXCLUSIVE USE OF THE PARTIES AS SURVEYED FOR AND AS CERTIFIED TO AND SHALL NOT BE
RELIED UPON BY ANY OTHER ENTITY OR INDIVIDUAL.
- 3) ELEVATIONS SHOWN HEREON ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988.
- 4) NORTH ARROW RELATIVE TO ASSUMED NORTH ALONG THE CENTERLINE OF NE 1 ST.
- 5) ADDITIONS OR DELETIONS TO SURVEY MAPS OR REPORTS BY OTHER THAN THE SIGNING PARTY IS PROHIBITED WITHOUT WRITTEN CONSENT OF
THE SIGNING PARTY.

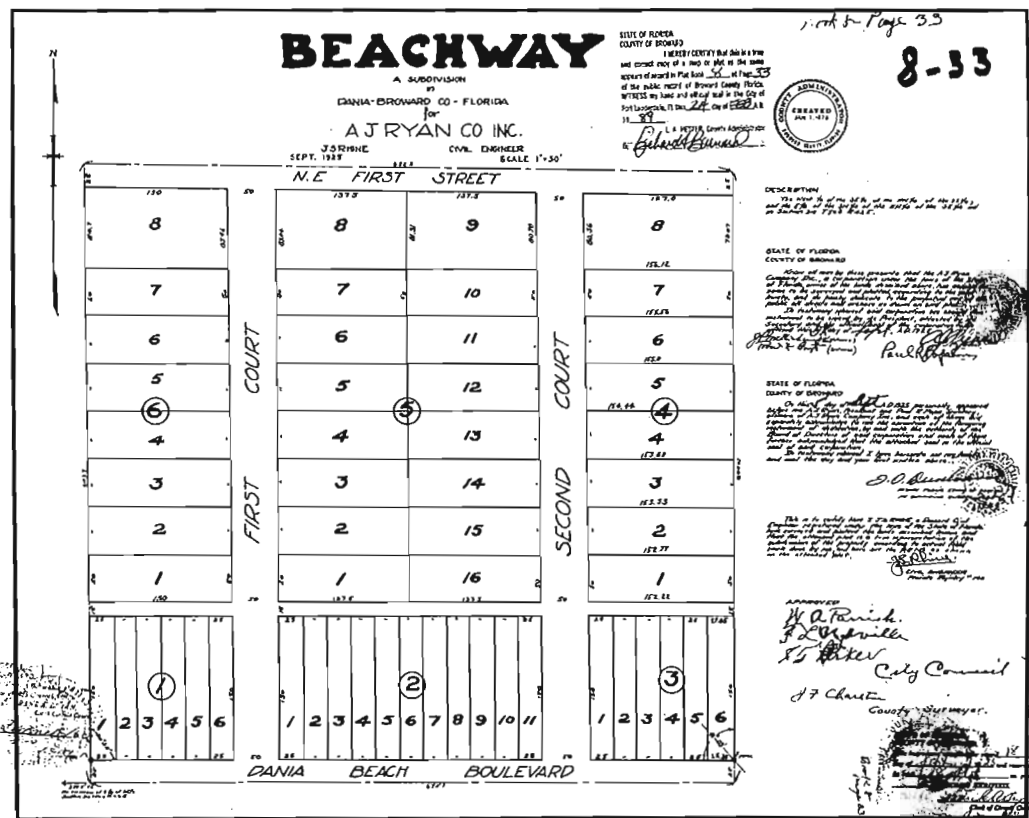
FEMA FLOOD INSURANCE RATE MAP					COMMUNITY NO.	
CITY OF DANIA BEACH					120034	
BROWARD COUNTY, FLORIDA						
PANEL NO.	SUFFIX	ZONE	FIRM DATE	BASE ELEV.		
0567	H	AE	8-08-14	5		

REVISION			DATE	BY

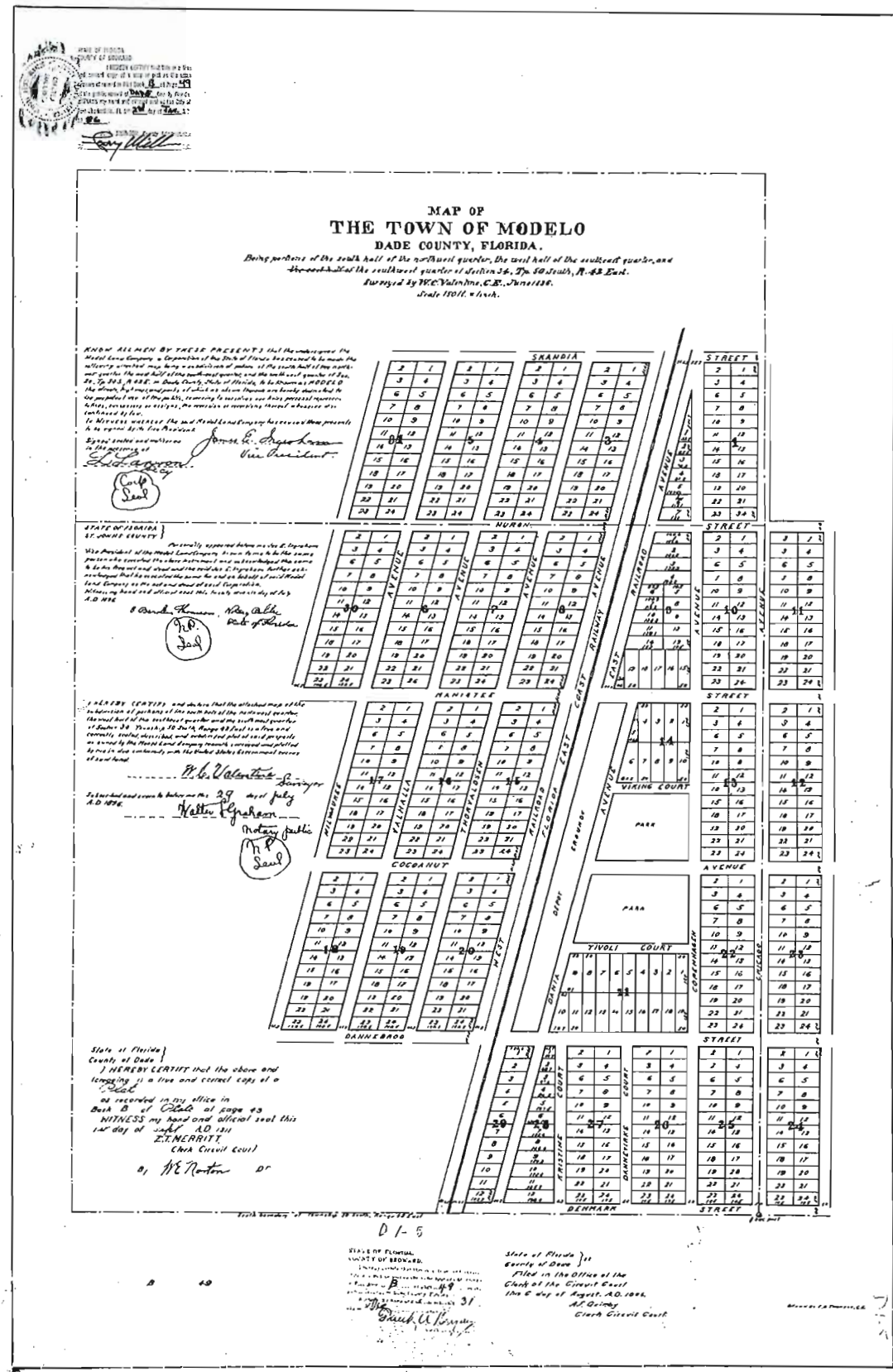
ALTA / NSPS LAND TITLE SURVEY		
JOB #: RN8744	DATE: 03/29/17	DRAWN BY: CM
SCALE: 1" = 20'	FILE No.:	CHECKED BY: SKS
NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER		

STEPHEN K. SEELEY, FOR THE FIRM
PROFESSIONAL SURVEYOR & MAPPER
FLORIDA REGISTRATION NO. 4574

GIBBS LAND SURVEYORS
2131 HOLLYWOOD BOULEVARD, SUITE 204
HOLLYWOOD, FL 33020 (954) 923-7666
LICENSED BUSINESS NO. 7018



OFF-SITE PARKING LOT PLAT



HOTEL SITE PLAT

No.

DESCRIPTION

DATE

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004

tru

BY HILTON

STATE OF FLORIDA
DAVID WALLACE JR.
REGISTERED ARCHITECT
FL COA: AA26001254

dllw

architects
542 Douglas Avenue
Dunedin, FL 34626
727.736.6000
www.dllwarchitects.com
established 1981

DRAWN

Author

EDIT DATE

8/20/2017 12:02:27 PM

ISSUE DATE

07/06/17

SCALE

8" = 1'-0"

JOB NUMBER

16-0028

PROJECT STATUS

SITE PLAN APPROVAL

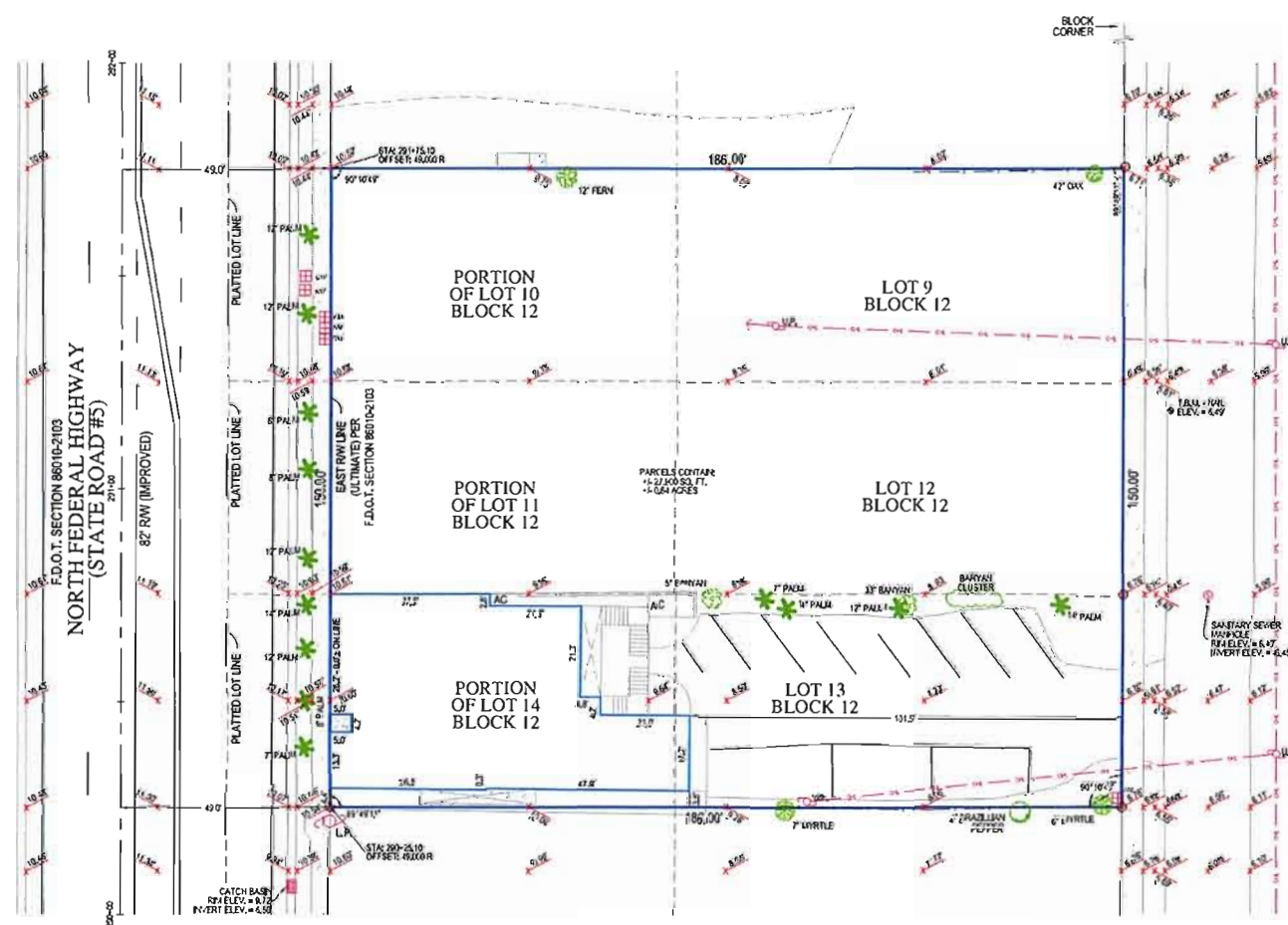
SHEET NAME

PLATING

SHEET NUMBER

PLAT

PAGE 1 OF 1



REVISIONS:
-ADDED TITLE REVIEW AND R/W INFORMATION... 7-5-2017

SURVEYORS CERTIFICATE:
I HEREBY CERTIFY THAT THIS BOUNDARY SURVEY IS A TRUE
AND CORRECT REPRESENTATION OF A SURVEY PREPARED
UNDER MY DIRECTION, NOT VALID WITHOUT A RAISED
EMBOSSED SEAL AND SIGNATURE.

Kenneth J. Osborne
(SIGNED)  **borne**

KENNETH J. OSBORNE
PROFESSIONAL SURVEYOR AND MAPPER NO. 1415

Digitally signed by Kenneth Osborne
DN: cn=Kenneth Osborne, o=Target
Surveying LLC, c=US
email=kj.osborne@targetsurveying.net
c=US

VER: 3.1+1.2.84+1.2.2.43 04.00



TARGET
SURVEYING, LLC

SHEET NUMBER
V-1

TITLE EXCEPTIONS:

SUMMARY TABLE OF EXCEPTIONS FROM SCHEDULE B-11
FIDELITY NATIONAL TITLE INSURANCE COMPANY
ORDER NO. 6285525 CUSTOMER REFERENCE: 27125.0055

1. DEFECTS, LIENS, ENCUMBRANCES, ADVERSE CLAIMS
2. TAXES AND ASSESSMENTS
3. STANDARD EXCEPTIONS
 - A.) ENCROACHMENTS, ENCUMBRANCES
 - D.) RIGHTS, CLAIMS
 - C.) LIEN FOR SERVICES, LABOR, MATERIALS
 - D.) TAXES OR ASSESSMENTS NOT SHOWN AS EXISTING LIENS.
4. LIENS IN FAVOR OF CITY FOR UNPAID SERVICES
5. RIGHTS OF TENANTS
6. RESTRICTIONS, EASEMENTS AND OTHER MATTERS
ON PLAT OF BEACHWAY - ALL PLAT CONDITIONS SHOWN ON SURVEY.

REGARDING THE ABOVE ITEMS 1-5:
NONE KNOWN TO THE UNDERSIGNED OR GRAPHICALLY DEPICTABLE

DESCRIPTION:

LOT 1,2,AND 3, BLOCK 5, "BEACHWAY", ACCORDING TO PLAT THEREOF
AS RECORDED IN PLAT BOOK 8, PAGE 33, OF THE PUBLIC RECORDS OF
BROWARD COUNTY, FLORIDA.SAID LAND SITUATED IN THE CITY OF
DANIA BEACH



VICINITY MAP:

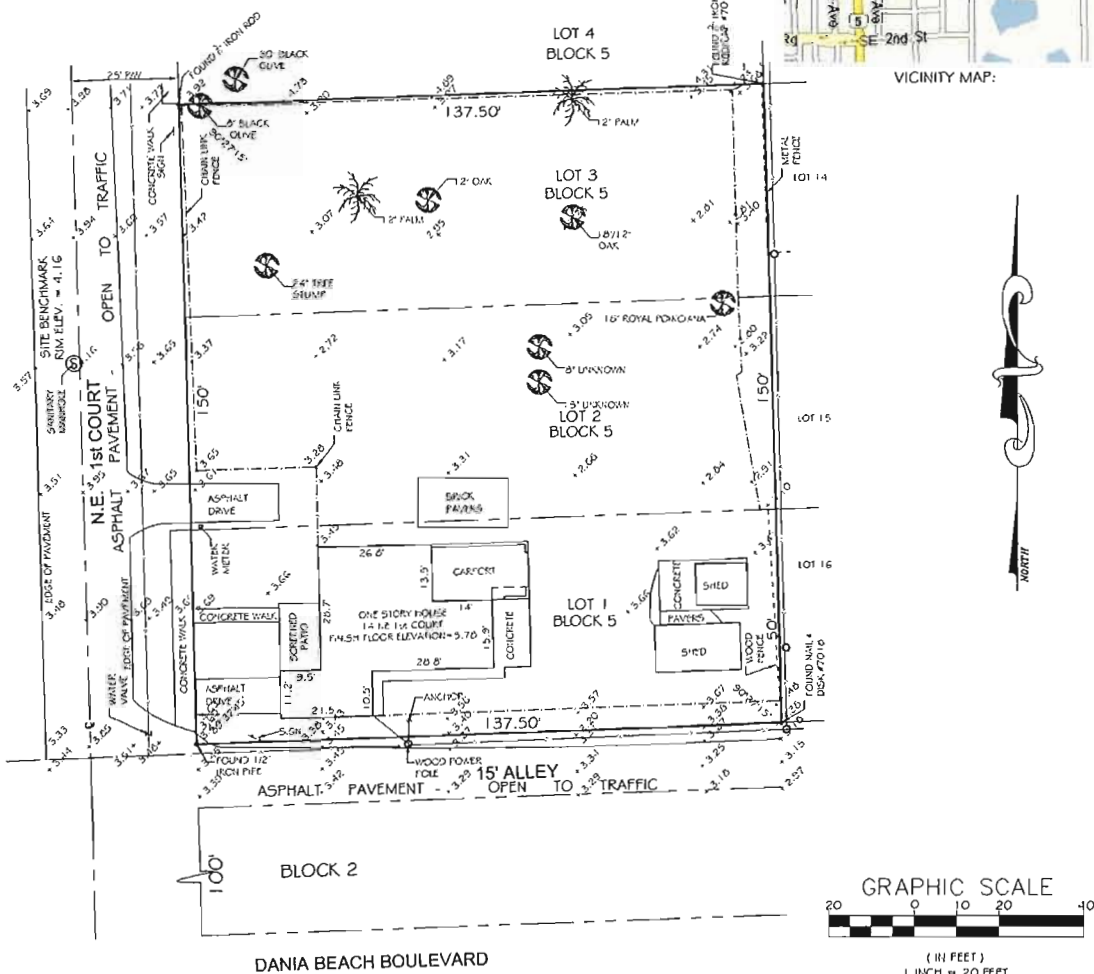
- 1.) THE BOUNDARY SURVEY OF THE REAL PROPERTY DEPICTED ON THIS SURVEY REPRESENTS THE PROFESSIONAL OPINION OF THE UNDERSIGNED, BASED ON THE DESCRIPTION ATTACHED HEREON.
- 2.) THE USE OF THE WORD "CERTIFY" AS USED HEREON IS AN EXPRESSION OF PROFESSIONAL OPINION AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE.
- 3.) THIS SURVEY WAS PERFORMED WITH THE BENEFIT OF TITLE COVENANT ISSUED BY FIDELITY NATIONAL TITLE INSURANCE COMPANY, ORDER NO. 6285525, 1ST REVISED ON MARCH 30, 2017.
- 4.) EXCEPT AS SPECIFICALLY STATED OR SHOWN HEREON, THIS SURVEY DOES NOT PURPORT TO REFLECT OR REPRESENT THE ABSENCE OR DISTANCE OF ANY OF THE FOLLOWING, WHICH MAY BE APPLICABLE TO THE PRESENT OF INTENDED USES OF THE SUBJECT PROPERTY: EASEMENTS, BUILDING SETBACK LINES, RESTRICTIVE COVENANTS, ZONING AND OTHER LAND USE REGULATIONS, THE LOCATION OF SUBSURFACE IMPROVEMENTS, STRUCTURES OR UTILITIES, SUBSURFACE WATER FLOW, BOTH ONTO OR FROM THE SITE, ENVIRONMENTALLY REGULATED OR SENSITIVE LANDS, WETLANDS, ROADWAYS OR STREETS, PROPOSED USES, HISTORICALLY SENSITIVE LAND, ARCHEOLOGICALLY SENSITIVE LANDS, OR RIGHT OF ACCESS.
- 5.) NO WETLAND MARKERS WERE OBSERVED BY THE UNDERSIGNED. NO FIELD DELINEATION OF WETLANDS BY A QUALIFIED SPECIALIST WAS REQUESTED BY THE UNDERSIGNED.
- 6.) ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1980.
- 7.) WITH REGARD TO TABLE A, ITEM 11 (REFERENCED IN THE SURVEYOR'S CERTIFICATION), THIS SURVEY REFLECTS OBSERVED EVIDENCE OF UTILITIES. LACKING EXCAVATION, THE EXACT LOCATION OF UNDERGROUND FEATURES CANNOT BE ACCURATELY AND COMPLETELY DEPICTED.
- 8.) FLOOD INSURANCE RATE MAP PANEL 12011C0567 SUFFIX H
MAP DATE: AUGUST 18, 2014
CITY OF DANIA BEACH, FL - COMMUNITY NUMBER 120034
FLOOD ZONE FOR THIS PROPERTY: AE
BASE FLOOD ELEVATION: 5

SURVEY CERTIFICATION:

TO:

THIS IS TO CERTIFY THAT THIS MAP OR PLAT AND THE SURVEY ON WHICH IT IS BASED WERE MADE IN ACCORDANCE WITH THE 2016 MINIMUM STANDARD DETAIL REQUIREMENTS FOR ALTA / NSPS LAND TITLE SURVEYS, JOINTLY ESTABLISHED AND ADOPTED BY ALTA AND NSPS, AND INCLUDES ITEMS 1, 2, 3, 4, 6, 11 (LIMITED), 13, 14, 16 AND 18 OF TABLE A THEREOF.

THE FIELD WORK WAS COMPLETED ON MARCH 29, 2017



BENCHMARK REFERENCE: TRIMBLE VRS-NOW CONTINUOUSLY OPERATING REFERENCE NETWORK.
A BENCH BROADCAST SERVICE FOR SURVEY-GRADE GPS OBSERVATIONS

- NOTES
- 1.) THE LAND DESCRIBED ON THIS MAP WAS PROVIDED BY THE OWNER. THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 2.) THIS SURVEY IS INTENDED FOR THE USES AND PURPOSES OF THE PROPERTY AS SHOWN ON THE MAP AND AS DESCRIBED IN THE SURVEYOR'S CERTIFICATION.
 - 3.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 4.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 5.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 6.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 7.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 8.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 9.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.
 - 10.) THE SURVEYOR HAS NO KNOWLEDGE OF ANY OTHER INTERESTS IN THE PROPERTY.

FLOOD INSURANCE RATE MAP			
12011C0567	AE	5	120034

REVISION	DATE	BY

ALTA / NSPS LAND TITLE SURVEY			
JOB #:	RM8744	DATE:	03/29/17
SCALE:	1" = 20'	FILE NO.:	
DRAWN BY:	CM	CHECKED BY:	SKS

SURVEYOR'S CERTIFICATION
STEPHEN K. SEESY, FOR THE FIRM
PROFESSIONAL SURVEYOR & MAPPING
FLORIDA REGISTRATION NO. 4374

GIBBS LAND SURVEYORS
2131 HOLLYWOOD BOULEVARD, SUITE 204
HOLLYWOOD, FL 33020 (954) 923-7666
LICENSED BUSINESS NO. 7010

No.	DESCRIPTION	DATE
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TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



by HILTON



FL COA: AA26001254



DRAWN
AutoCAD
EDIT DATE
01/20/17 12:00:29 PM
ISSUE DATE
07/06/17
SCALE
1" = 20'-0"
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
PARKING LOT SURVEY

SHEET NUMBER
V-2

FIRE RESISTANCE RATINGS		
BUILDING ELEMENT	CONDITIONS	REQUIRE FIRE RATING
COLUMNS		2 HR.
BEAMS, GIRDERS, ETC.		2 HR.
BEARING WALLS	EXTERIOR	2 HR.
BEARING WALLS	INTERIOR	2 HR. (1 HR. WHERE SUPPORTING ROOF ONLY)
STAIRS		2 HR.
EXTERIOR WALLS BASED ON FIRE SEPARATION DISTANCE	LESS THAN 5'	1 HR.
	5' TO LESS THAN 10'	1 HR.
	10' TO LESS THAN 30'	1 HR.
	GREATER THAN 30'	NO RATING REQUIRED
NON-BEARING WALLS AND PARTITIONS	INTERIOR	NO RATING REQUIRED
FLOOR / CEILING		2 HR.
ROOF / CEILING		1 HR.
EXIT ACCESS CORRIDOR PARTITIONS		1/2 HR. / 20 MIN. FIRE PARTITION
AREA OF REFUGE		1 HR. / 20 MIN. SMOKE PARTITION
SHAFT ENCLOSURE		2 HR. / 90 MIN.
ELEVATOR MACHINE ROOM		2 HR. / 90 MIN.
CHUTE ACCESS ROOMS		1 HR. / 45 MIN.
CHUTE TERMINATION ROOM		1 HR. / 45 MIN.
LAUNDRY ROOMS OVER 100 S.F.		1 HR. / 45 MIN.
STORAGE ROOMS OVER 100 S.F.		1 HR. / 45 MIN.
SEPARATION BETWEEN SLEEPING UNITS		1 HR. / 45 MIN.
THERMAL & ACOUSTIC INSULATION		FLAME SPREAD INDEX SHALL NOT EXCEED 25. SMOKE DEVELOPED INDEX SHALL NOT EXCEED 450
FIREBLOCKING		⑥ CONCEALED WALL SPACES
		⑥ INTERCONNECTION OF CONCEALED VERTICAL & HORIZONTAL SPACES
		⑥ THROUGH OF MEMBRANE PENETRATIONS, AROUND OPENINGS AT VENTS, PIPES, DUCTS, CHIMNEYS AND FIRE PLACES
		BETWEEN WOOD FLOOR SLEEPERS
		NOT REQUIRE IN FULLY SPRINKLERED BUILDINGS
PARAPETS		SAME RATING AS WALL ON WHICH THEY BEAR
OCCUPANCY SEPARATION AIR		

FIRE PROTECTION SYST.	
SYSTEM	FP. CODES
ALARMS AND DETECTION	2010 NATIONAL FIRE ALARM AND SIGNALING CODE N.F.P.A. 72
SPRINKLERS	2010 STANDARDS FOR THE INSTALLATION OF SPRINKLERS N.F.P.A. 13
STANDPIPE & HOSE	2010 STANDARDS FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS N.F.P.A. 14

FINISHES FIRE				
Key Name	CLASSIFICATION REQUIREMENT BY USE			REMARKS
	EXIT ENCLOSURE	CORRIDOR	ENCLOSED ROOM	
FLOORS	CLASS II	CLASS I	DOC-FF-1" PILL TEST	FOR BUILDINGS SPRINKLERED PER CHAPTER 9
WALLS & CEILINGS	B	C	C	CORRIDORS IN GROUP "A" OCCUPANCIES MUST BE CLASS B

BUILDING CODES	
CODES	EDITION
BUILDING	2014 FLORIDA BUILDING CODE
MECHANICAL	2014 FLORIDA MECHANICAL CODE
PLUMBING	2014 FLORIDA PLUMBING CODE
ELECTRICAL	2014 NATIONAL ELECTRIC CODE
GAS	2014 FLORIDA BUILDING CODE
ENERGY CONSERVATION	2014 ENERGY CONSERVATION CODE
ACCESSIBILITY	2014 FLORIDA ACCESSIBILITY CODE
FIRE CODE	2012 FIRE CODE N.F.P.A. 1
LIFE SAFETY	2012 N.F.P.A. 101

HOTEL BUILDING DATA		
ITEM	CODE REQUIREMENT / ALLOWANCE	PROPOSED ELEMENT
OCCUPANCY MIXED	A-2	BANQUET ROOM, DINING ROOM
	B	BUSINESS
	R-1	R1-HOTEL
TYPE OF CONSTRUCTION	TYPE-II B	TYPE-II B
BUILDING HEIGHT	160'-0"	67'-0"
NUMBER OF STORIES	7 STORIES	6 STORIES

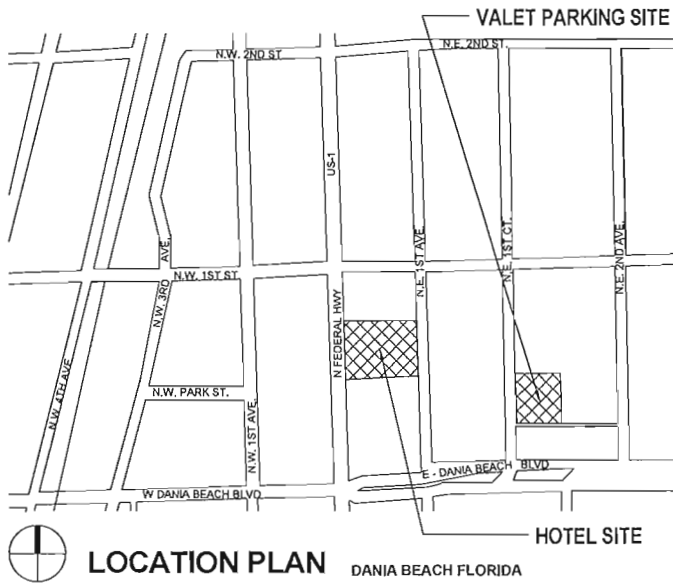
HOTEL GROSS BUILDING AREA SCHEDULE	
Name	Area
1ST FLOOR	
DUMPMSTER	230 SF
ELEVATORS	172 SF
FITNESS	710 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	6,478 SF
POOL	757 SF
POOL DECK	2,683 SF
POOL RESTROOMS	160 SF
RETAIL	995 SF
STAIRS	437 SF
VEHICLE USE AREA	11,889 SF
	24,311 SF
2ND FLOOR	
ELEVATORS	172 SF
GUESTROOMS AREA	7,797 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	373 SF
STAIRS	437 SF
	8,780 SF
3RD FLOOR	
ELEVATORS	172 SF
GUESTROOMS AREA	7,797 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	373 SF
STAIRS	437 SF
	8,780 SF
4TH FLOOR	
ELEVATORS	172 SF
GUESTROOMS AREA	7,797 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	373 SF
STAIRS	437 SF
	8,780 SF
5TH FLOOR	
ELEVATORS	172 SF
GUESTROOMS AREA	7,797 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	373 SF
STAIRS	437 SF
	8,780 SF
6TH FLOOR	
ELEVATORS	172 SF
GUESTROOMS AREA	7,797 SF
LOBBY, ADMIN., GUEST SERVICES, LAUNDRY, HOTEL LOUNGE, RESTROOMS, STAFF AREA, MECHANICAL/ ELECTRICAL	373 SF
STAIRS	437 SF
	8,780 SF
TOTAL AREA	68,210 SF

HOTEL MINIMUM FLOOR AREAS	
Sec. 230-40. - Minimum floor areas for dwellings and lodging units.	MINIMUM NET FLOOR AREA/ UNIT PROVIDED
(B) Hotel, extended-stay hotel, time-share, and condominium-hotel rooms, units, or keys shall contain at least two hundred fifty (250) square feet of net floor area.	293 SQ. FT.

HOTEL GUESTROOM SCHEDULE	
GUESTROOM TYPE	NUMBER
KING	70
KING ADA SUITE	5
QQ	35
QQ ADA SUITE	5
Grand total: 115	115

TOTAL PARKING SPACES PROVIDED (HOTEL + VALET LOT)		
Project Name	DESCRIPTION	PROVIDED
PARKING LOT - TRU DANIA BEACH, FL	PARKING SPACE 8' 6" x 18' VALET PARKING	52
PARKING LOT - TRU DANIA BEACH, FL	PARKING SPACE 8' 6" x 18' (Valet)	14
TRU BY HILTON DANIA BEACH	ADA PARKING SPACE DOUBLE	2
TRU BY HILTON DANIA BEACH	PARKING SPACE 8' - 6" x 18'	10
TRU BY HILTON DANIA BEACH	Standard	0
Grand total		78

PROJECT DESCRIPTION	
THIS PROJECT CONSISTS OF A FULL SERVICE HOTEL OF NON-COMBUSTIBLE CONSTRUCTION. IT CONTAINS INCIDENTAL USES, ACCESSORY USES TO THE MAIN OCCUPANCY, AND NONSEPARATED USES. INCIDENTAL USES INCLUDE A LAUNDRY ROOM OVER 100 SQ. FT., EXERCISE ROOM, AND SWIMMING POOL. NONSEPARATED USES, NOT CLASSIFIED AS RESIDENTIAL, INCLUDE A DINING ROOM, LOUNGE AND COMMERCIAL KITCHEN. PUBLIC TOILETS ARE PROVIDED FOR THE SWIMMING POOL AND 'A' OCCUPANCIES AS REQUIRED BY APPLICABLE PLUMBING AND HEALTH CODE. SEPARATED USES INCLUDE A LIMITED RETAIL COMPONENT OPEN TO THE GENERAL PUBLIC. THE PROJECT INCLUDES 100% VALET PARKING WITH A REMOTE VALET LOT WITHIN 1,400 FEET OF THE PROPOSED SITE IN ACCORDANCE WITH THE CITY'S ORDINANCE STANDARDS.	



HOTEL AREA DATA	
SITE AREA (SQ.FT)	ACRES
27,900 SF	0.64 acres

HOTEL SITE DATA	
ZONING	CC- CITY DISTRICT
ADJACENT ZONING	CC- CITY TO THE NORTH, SOUTH, EAST AND WEST; NBHD-RES. MA, C-3
CURRENT USE	RESIDENTIAL/VACANT
PROPOSED USE	HOTEL (ALLOWED: LODGING)
PROPOSED OCCUPANCY	R-1

GROSS BUILDING AREA TOTAL - HOTEL	
53,003 SF	

OFF-SITE PARKING LOT PROPERTY DATA	
SITE AREA (SQ.FT)	ACRES
20,624 SF	0.47 acres

No.	DESCRIPTION	DATE
-----	-------------	------

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004

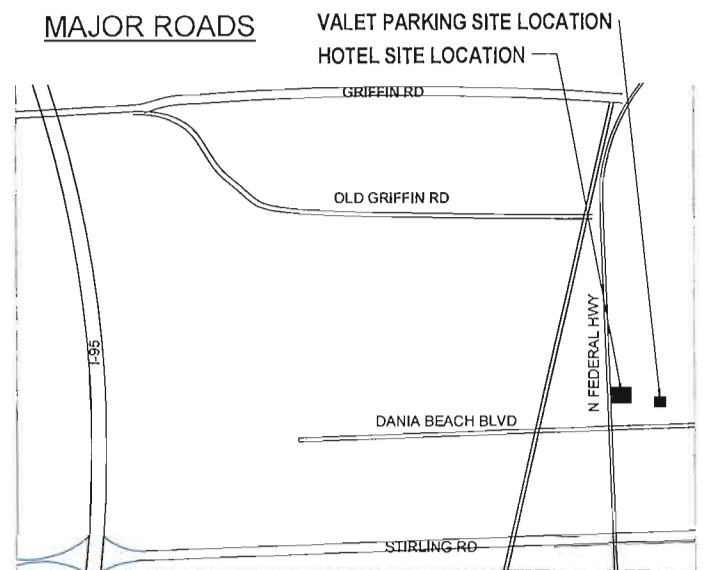


FL COA: AA26001254

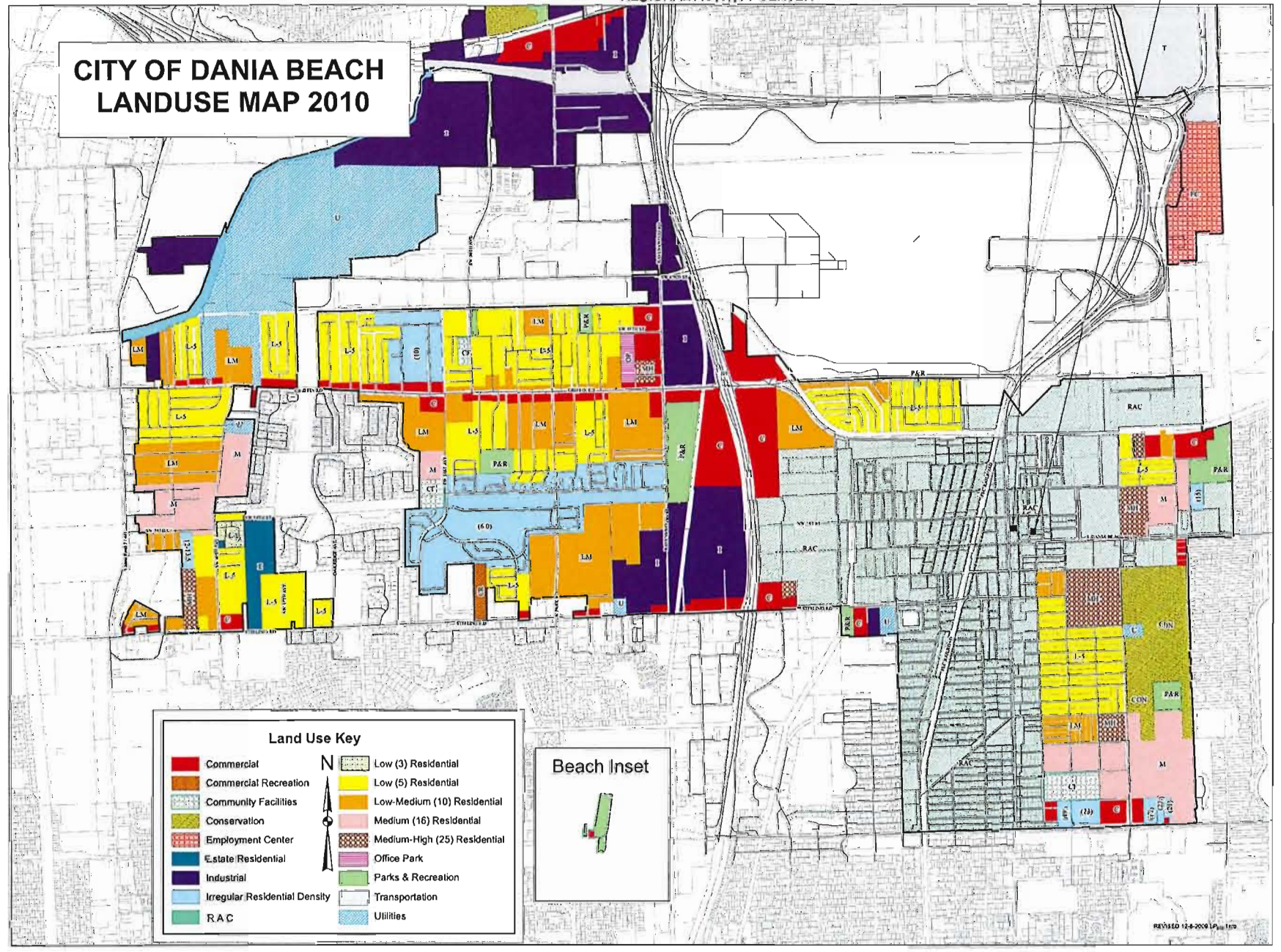


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CM
EDT DATE
8/10/2017 11:55:54 AM
ISSUE DATE
07/06/2017
SCALE
As indicated
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
PROJECT DATA

SHEET NUMBER
A-001



VALET PARKING LOCATION (EDBB-MU DISTRICT)
HOTEL SITE LOCATION (CC DISTRICT)
DANIA BEACH (RAC)
REGIONAL ACTIVITY CENTER



Land Use Key

Commercial	Low (3) Residential
Commercial Recreation	Low (5) Residential
Community Facilities	Low-Medium (10) Residential
Conservation	Medium (16) Residential
Employment Center	Medium-High (25) Residential
Executive Residential	Office Park
Industrial	Parks & Recreation
Irregular Residential Density	Transportation
RAC	Utilities

ZONING MAP

DANIA BEACH, FL

SITE PARKING LOT LOCATION
SITE TRU HOTEL LOCATION



CC (CITY CENTER DISTRICT) : HOTEL SITE

INTENT AND PURPOSE. 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 WITHIN WALKING DISTANCE OF A PROSPECTIVE TRANSIT STATION ON THE FEC RAILWAY.

EDBB-MU (EAST DANIA BEACH BLVD MIXED-USE DISTRICT) : PARKING SITE

INTENT AND PURPOSE. REDEVELOPMENT TO PLACE A GREATER EMPHASIS ON PEDESTRIAN ACTIVITY AND TRANSIT SUPPORTIVE DEVELOPMENT. THIS WILL BE ACCOMPLISHED BY BUILDING CLOSE TO THE STREET, RELOCATING PARKING FACILITIES BEHIND BUILDINGS, AND MIXING RESIDENTIAL AND COMMERCIAL USES AT MEDIUM TO HIGH INTENSITIES.

COLOR LEGEND

- MEADOWBROOKS SHOPPING CENTER 2 STORIES - ZEN MYSTERY SPIRITUAL STORE - COTC EVENTS 2 STORIES - LANDMARK ART GALLERY 2 STORIES - RETAIL 1 STORY - SINGLE FAMILY HOME 1 STORY	- SHERWIN WILLIAMS PAINT STORE 1 STORY - DAVIDSON ANTIQUES 1 STORY - VACANT PROPERTY 0 STORY - APARTMENTS 2 STORY - RESTAURANT 1 STORY
--	--

HOTEL SITE LOCATION

DANIA BEACH, FLORIDA



PARKING LOT LOCATION

No.	DESCRIPTION	DATE

TRU BY HILTON DANIA BEACH
24 N Federal Hwy, Dania Beach, FL 33004

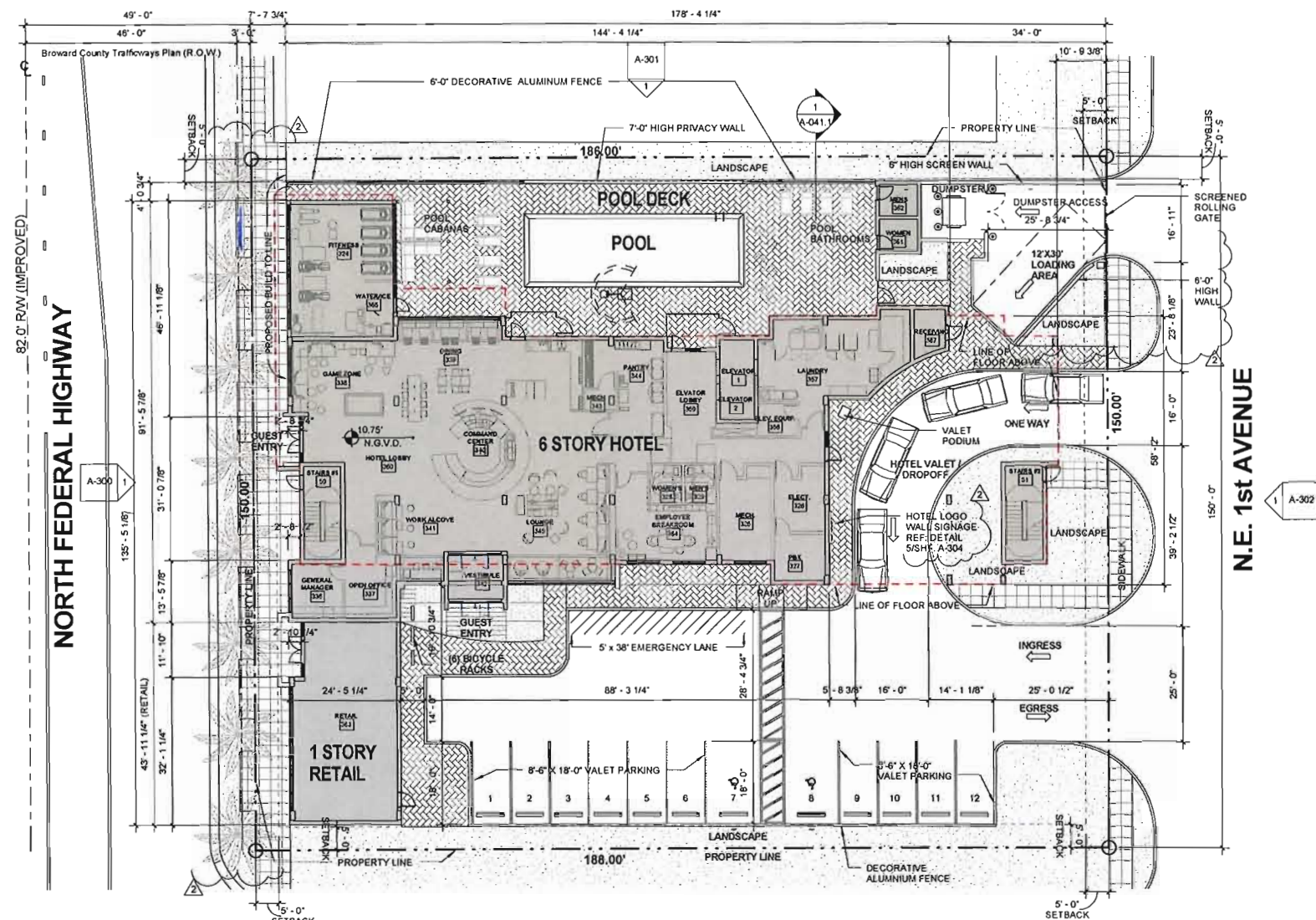
tru
by HILTON

STATE OF FLORIDA
DAVID L. WALLACE, JR.
ARCHITECT
FL COA: AA26001254

dlw architects
542 Douglas Avenue
Dunedin, FL 34608
727.736.6000
www.dlwarchitects.com
ESTABLISHED 1981

DRAWN
CM
EDIT DATE
8/1/2017 11:56:00 AM
ISSUE DATE
07/06/2017
SCALE
As Indicated
JOB NUMBER
16-0018
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
LAND USE AND ZONING MAPS

SHEET NUMBER
A-002



1
A-040
HOTEL SITE PLAN
1/16" = 1'-0"

HOTEL SITE DATA		
ZONING	CC-CITY DISTRICT	
ADJACENT ZONING	CC-CITY TO THE NORTH, SOUTH, EAST AND WEST	
CURRENT USE	RESIDENTIAL/VACANT	
PROPOSED USE	HOTEL (ALLOWED: LODGING)	
PROPOSED OCCUPANCY	R-1	

HOTEL SITE STANDARDS & REQUIREMENTS		
SETBACKS, HEIGHT, LENGTH	PROPOSED	ALLOWED
BUILDING PLACEMENT TYPE	MODIFIED SHOPFRONT	SHOPFRONT/MODIFIED SHOPFRONT
BUILD-TO-LINE	7'-8"	0' TO 5'-0"
REAR SETBACK	10' - 0" LANDSCAPE BUFFER	0'-0"
SIDE SETBACK	0 IN THE 1ST AND 15'-0" ABOVE	0'-0"
SIDE SETBACK	0 IN THE 1ST AND 15'-0" ABOVE	0'-0"
MAXIMUM BUILDING HEIGHT	67' TO ROOF (2 STORIES VIA INCENTIVE BONUS) REFER TO HEIGHT INCENTIVE TABLE	7 STORIES, 90' BY RIGHT ALONG FEDERAL: 14 STORIES, 35' WITHIN 30' WEST OF N.E. 1 AVE.
BUILDING LENGTH	145'-5" MAX	150'-0" MAX
MINIMUM LOT SIZE	150' WIDE BY 186' DEPTH	MINIMUM 50' WIDE BY 100' DEPTH
B.T.L. FRONTAGE	92'-6 1/4" (62%)	70% (150')=105'
ALLOWABLE RECESS FROM B.T.L.	NO MORE THAN 10'	10'

HOTEL BUILDING DATA		
ITEM	CODE REQUIREMENT / ALLOWANCE	PROPOSED ELEMENT
OCCUPANCY MIXED	A-2	BANQUET ROOM, DINING ROOM
	B	BUSINESS
	R-1	R1-HOTEL
TYPE OF CONSTRUCTION	TYPE-II B	TYPE-II B
BUILDING HEIGHT	160'-0"	67'-0"
NUMBER OF STORIES	7 STORIES	6 STORIES

HOTEL AREA DATA	
SITE AREA (SQ.FT)	ACRES
27,900 SF	0.64 acres
GROSS BUILDING AREA TOTAL - HOTEL	
53,000 SF	

HOTEL SITE AREA CALCULATIONS		
AREA DESCRIPTION	AREA SQ.FT.	AREA RATIO
BUILDING	8,999 SF	32%
DRIVEWAY	7,865 SF	28%
DUMPSTER	213 SF	1%
DUMPSTER DRIVEWAY	0 SF	0%
LANDSCAPE	3,577 SF	13%
POOL	748 SF	3%
POOL DECK	2,728 SF	10%
POOL RESTROOMS	163 SF	1%
WALKWAY	3,650 SF	13%
WALKWAY/SIDEWALK	0 SF	0%
Grand total:	27,900 SF	100%

HOTEL - F.A.R.			
AREA SITE (SQ. FT)	GROSS FLOOR AREA	F.A.R. PROPOSED	F.A.R. ALLOWED
27,900 SF	53,003 SF	0.58	8

HOTEL LOT COVERAGE BY ROOFED STRUCTURE		
Name	Area	COVERAGE
ROOFED STRUCTURE	17,729 SF	62.7%

IMPERVIOUS SURFACE AREA CALCULATIONS - HOTEL	
IMPERVIOUS SURFACE AREA	PROPOSED % OF SITE
24,465 SF	87%

PERVIOUS / LANDSCAPE AREA CALCULATIONS - HOTEL			
AREA SITE (SQ. FT)	LANDSCAPE AREA	MIN. REQ. % AREA	PROPOSED % OF SITE AREA
167,401 SF	8,873 SF	10%	12%

PARKING CALCULATIONS			
OCCUPANCY	QTY.	REQUIRED PARKING RATIO	PARKING PROVIDED
GUEST ROOM	115	EIGHT-TENTHS (0.8) PER GUEST ROOM	92
RETAIL	997 SF	1 PARKING SPACE PER 300 SF	4
TOTAL			96
TOTAL			119

VEHICLE USE AREA (GRND. FLR. EXTERIOR - COVERED)		
Level	DESCRIPTION	Area
1ST FLOOR	VEHICLE USE AREA	11,689 SF

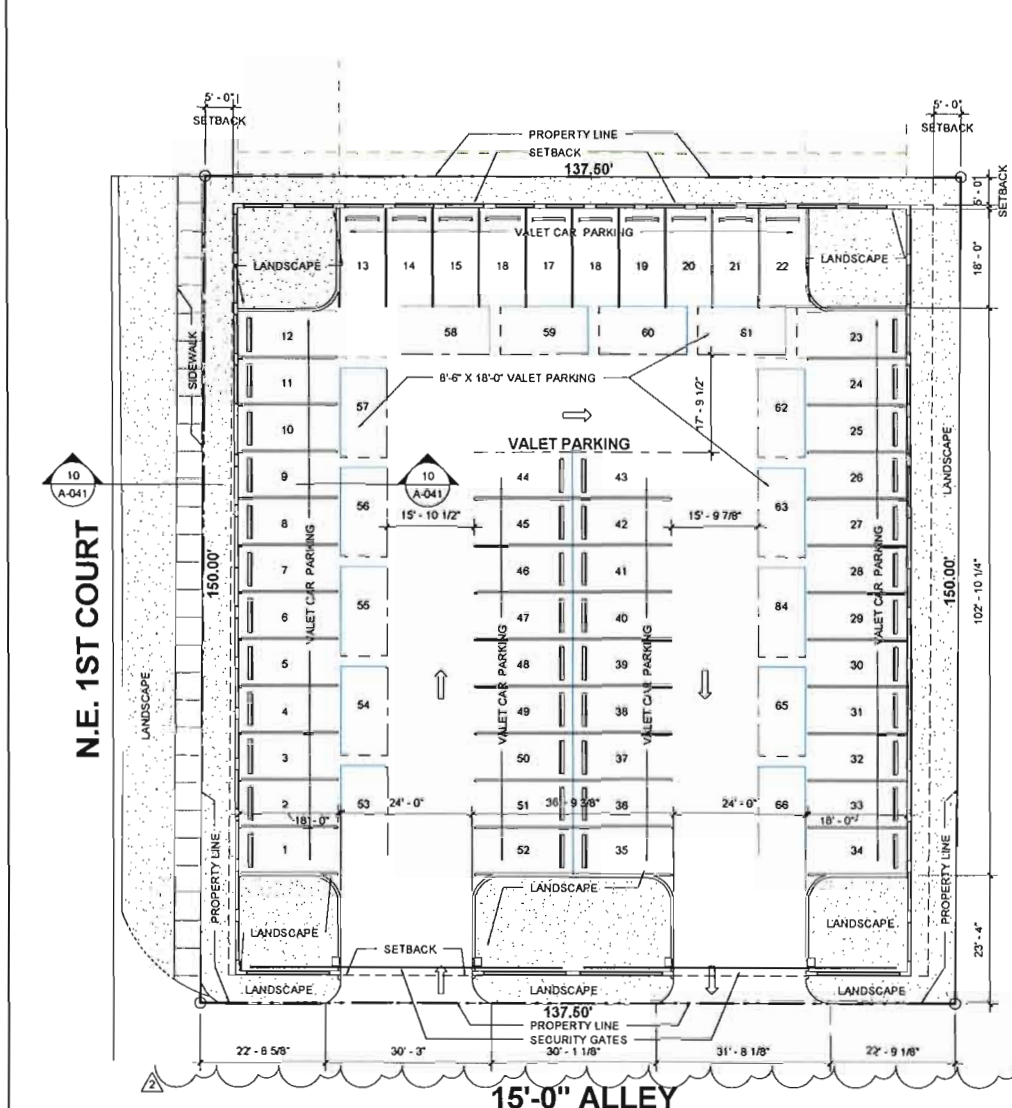
TOTAL PARKING SPACES PROVIDED ON HOTEL SITE	
TYPE	QTY
(2) HANDICAPPED + VALET PARKING	12
Grand total	12

VALET PARKING CALCULATION		
UP TO TEN (10) PERCENT OF THE REQUIRED NUMBER OF PARKING SPACES FOR USE MAY BE PROVIDED AS VALET PARKING.	10% VALET ALLOWED	PROVIDED % OF VALET
	10 ALLOWED	100% PROVIDED

BICYCLE PARKING CALCULATION		
CAR PARKING REQUIRED	BICYCLES REQUIRED BASED ON 6% CAR SPACES	BICYCLE QTY PROVIDED
96	5	6

LOADING ZONE REQUIREMENTS	
SEC. 270-20 - OFF-STREET LOADING REQUIRED.	
(B) FOR EACH HOTEL WITHOUT CATERING FACILITIES, AND WITH MEETING FACILITIES SEATING ONE HUNDRED (100) OR FEWER PERSONS, ONE (1) LOADING SPACE IS REQUIRED. THE LOADING SPACE MAY BE ACCOMMODATED WITHIN SPACE ALSO USED FOR OTHER FUNCTIONS, PROVIDED THAT IT SHALL NOT IMPEDE ACCESS TO ANY PARKING SPACE OR OBSTRUCT ON-SITE CIRCULATION OF VEHICULAR TRAFFIC.	
REQUIRED	PROVIDED
1	1

HOTEL SITE LEGAL DESCRIPTION	
LOT 9, LOT 10 LESS THE STREET RIGHT-OF-WAY, LOT 11 LESS THE STREET RIGHT-OF-WAY, AND ALL OF LOT 12, BLOCK 12, TOWN OF MODELO (NOW DANIA) ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 8, PAGE 49, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, AND LOT 13 AND 14, BLOCK 12, TOWN OF MODELO (NOW DANIA BEACH) ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 8, PAGE 49 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; SAID LANDS SITUATE, LYING AND BEING IN BROWARD COUNTY FLORIDA, LESS THE WEST 24 FEET OF SAID LOT 14 WHICH HAS BEEN HERETOFORE CONVEYED TO THE STATE OF FLORIDA FOR HIGHWAY PURPOSES.	



2
A-040
OFF-SITE VALET PARKING SITE PLAN
1/16" = 1'-0"

PROJECT DATA - PARKING LOT		
ZONING	EAST DANIA BEACH BLVD MIXED USE (EDBB-MU)	
NUMBER OF STORIES	CC, MBHD-RES.	
ADJACENT ZONING	RESIDENTIAL/VACANT	
CURRENT USE	PARKING LOT	
PROPOSED USE	GROUP S-2 LOW HAZARD STORAGE	

OFF-SITE PARKING LOT PROPERTY DATA	
SITE AREA (SQ.FT)	ACRES
20,624 SF	0.47 acres

IMPERVIOUS SURFACE AREA CALCULATIONS - PARKING LOT		
IMPERVIOUS SURFACE AREA	PROPOSED % OF SITE	AREA SITE (SQ. FT)
15,190 SF	74%	20,624 SF

PERVIOUS / LANDSCAPE AREA CALCULATIONS - PARKING LOT		
LANDSCAPE AREA	PROPOSED % OF SITE AREA	AREA SITE (SQ. FT)
5,439 SF	26%	20,624 SF

OFF-SITE PARKING SPACES PROVIDED	
DESCRIPTION	PROVIDED
PARKING SPACE 8' 6" x 18' VALET PARKING	52
PARKING SPACE 8' 6" x 18' (Valet)	14
Grand total	66

OFF-SITE PARKING LEGAL DESCRIPTION	
LOT 1, 2 AND 3, "BEACHWAY", ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 8, PAGE 33, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA. SAID LAND SITUATED IN THE CITY OF DANIA BEACH.	

INCENTIVE DESCRIPTION			
HEIGHT INCENTIVE	# OF STORIES	TIMING OF PAYMENT	PAYMENT
Public Parks incentive per Section 305-60 (1 story per 10 public parking spaces or pay fee in lieu of at \$6,500 per space)	1 story requested (but allowed up to 2 stories)	1/2 due at permit and 1/2 due at C.O.	\$65,000
Public Parks incentive per Section 305-70 (payment \$0.50 of residential gross floor area - includes hotel per zoning interpretation)	1 story requested (but allowed up to 2 stories)	100% due at permit	\$26,501
Total hotel gross floor area = 53,003 sf x \$0.50 = \$26,501	2 STORIES		\$91,501

No.	DESCRIPTION	DATE
2	SITE PLAN REV.	07-27-2017

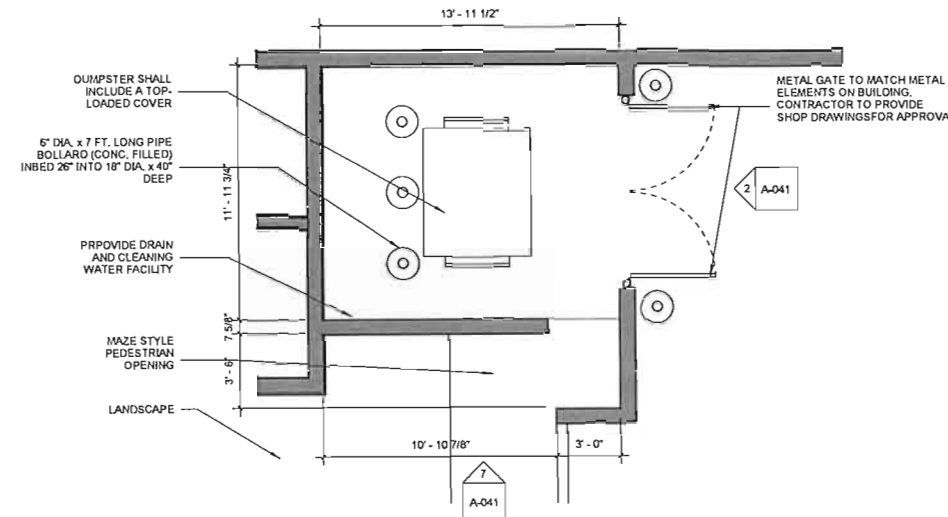
TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



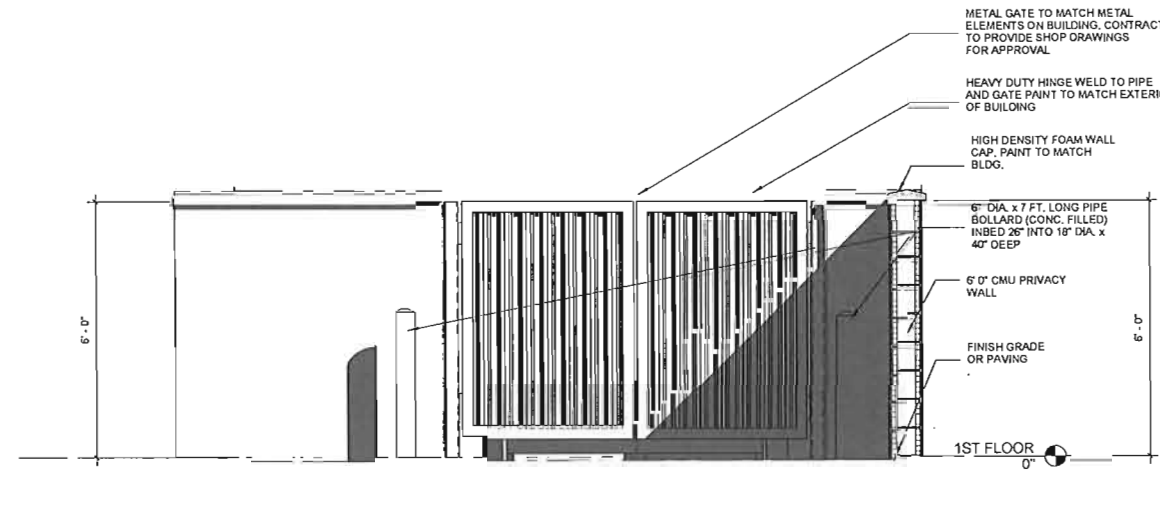
dlw
architects
542 Douglas Avenue
Dania Beach, FL 33498
www.dlwarchitects.com
ESTABLISHED 1981

DRAWN	CM
EDIT DATE	10/20/17 9:44:05 AM
ISSUE DATE	07/26/2017
SCALE	As Indicated
JOB NUMBER	16-0028
PROJECT STATUS	SITE PLAN APPROVAL
SHEET NAME	SITE PLAN
SHEET NUMBER	A-040

OCT 13 2017
Planning Department



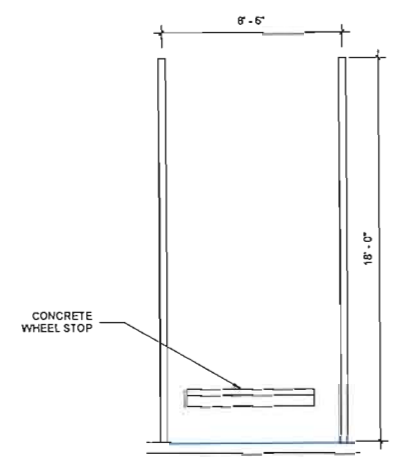
1 Dumpster Plan View
1/4" = 1'-0"



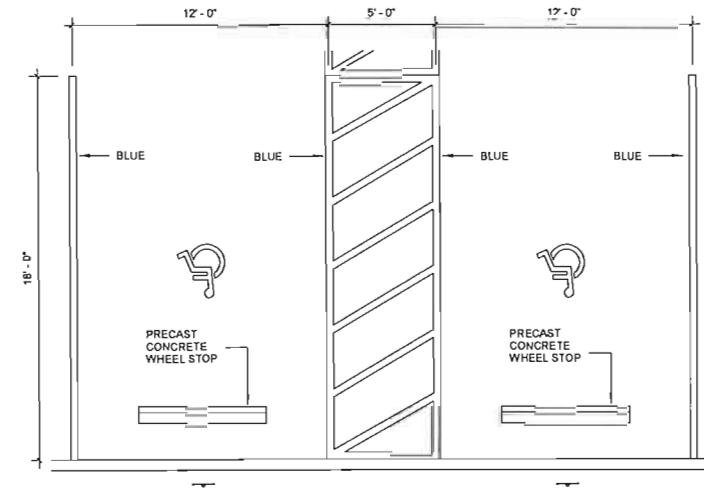
2 Dumpster Front Elevation
1/2" = 1'-0"



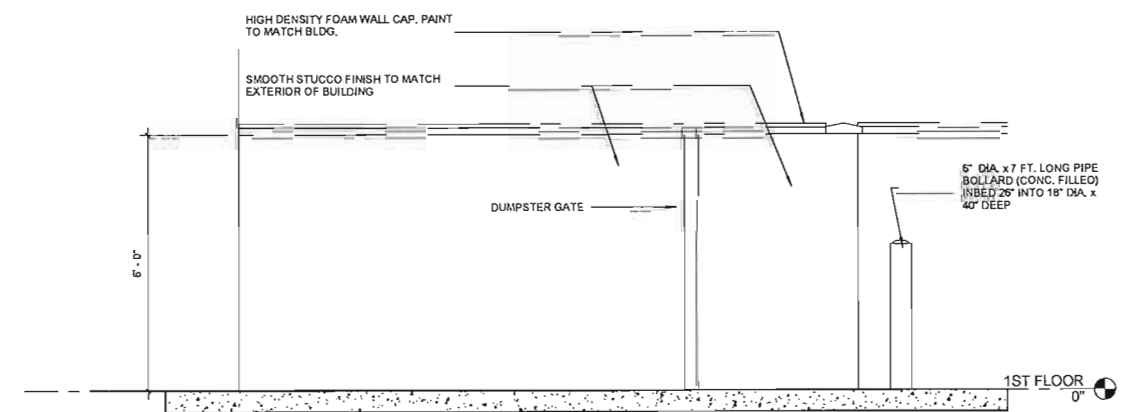
3 ADA STALL SIGNAGE DETAIL
1/2" = 1'-0"



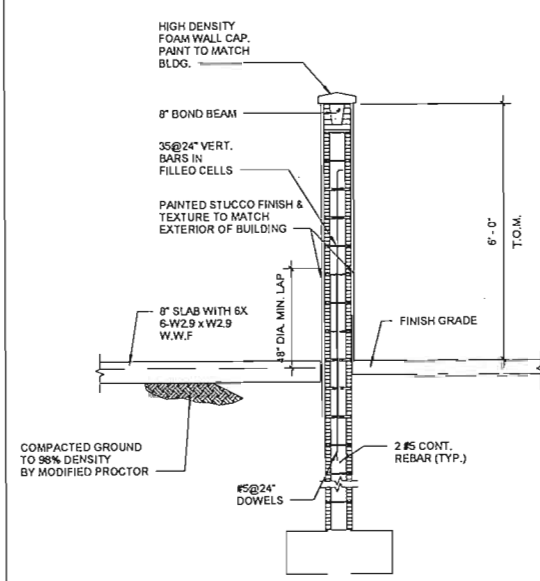
4 TYPICAL SINGLE VALET PARKING STALL
1/4" = 1'-0"



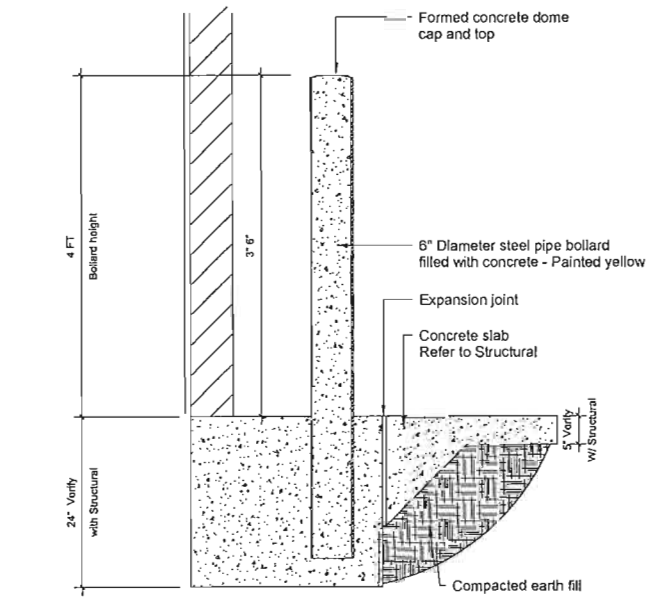
5 ADA PARKING STALL
1/4" = 1'-0"



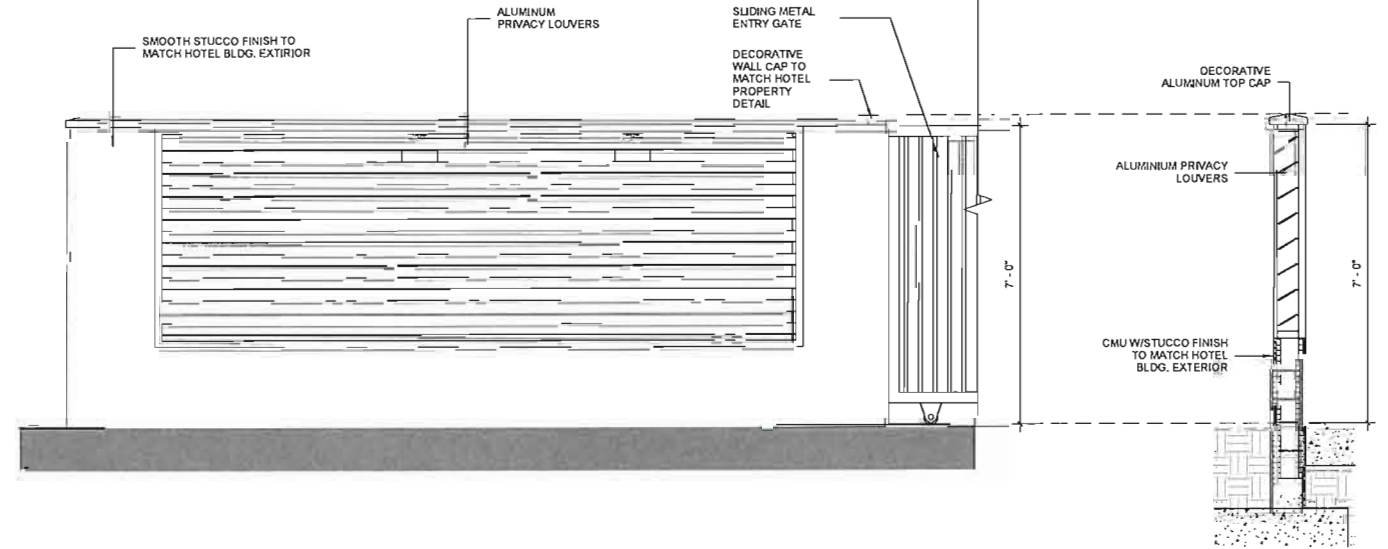
7 Dumpster Side Elevation
1/2" = 1'-0"



8 Dumpster Detail 1
1/2" = 1'-0"



6 BOLLARD DETAIL
1/4" = 1'-0"



9 PARKING LOT WALL ELEVATION
1/2" = 1'-0"

10 WALL SECTION @ PARKING LOT
1/2" = 1'-0"

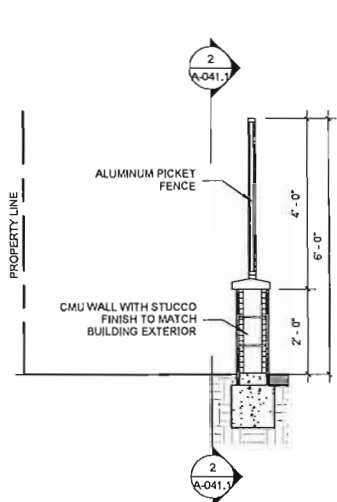
TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



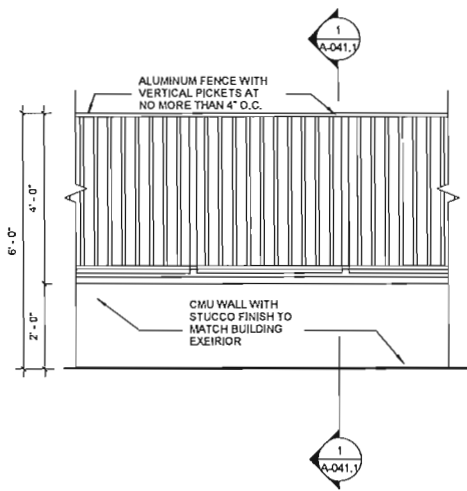
dlw
ARCHITECTS
542 Douglas Avenue
Dania Beach, FL 33004
727-346-6008
www.dlwarchitects.com

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CM
EDIT DATE
8/10/2017 11:56:13 AM
ISSUE DATE
07/06/2017
SCALE
As indicated
JOB NUMBER
15-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
SITE DETAILS

SHEET NUMBER
A-041



1 SECTION @ POOL DECK FENCE
A-041.1 1/2" = 1'-0"



2 FENCE ELEVATION
A-041.1 1/2" = 1'-0"

No.	DESCRIPTION	DATE
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BEACH
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Beach, FL 33004



FL CQA: AA26001254

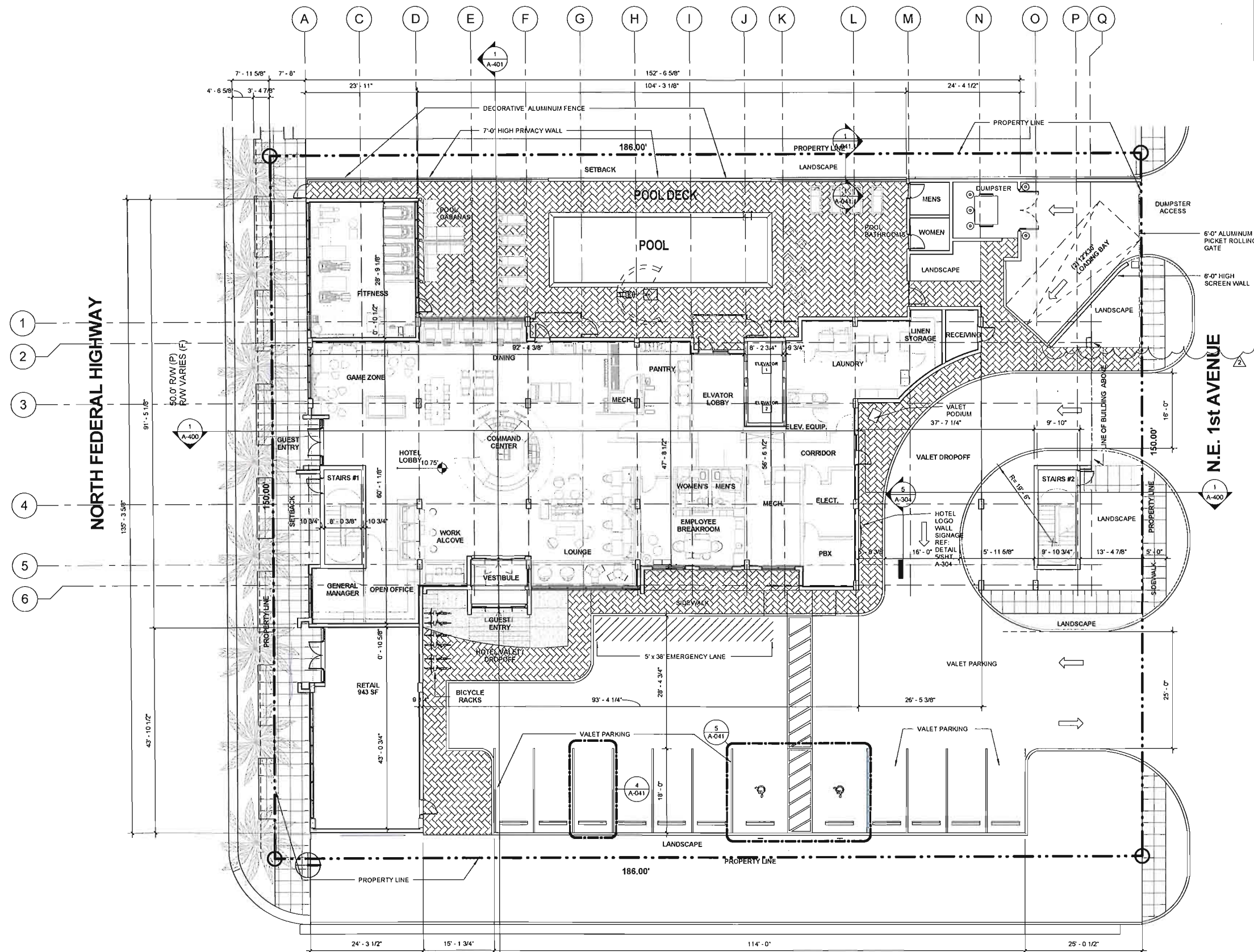


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Author
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ISSUE DATE
07/06/2017
SCALE
1/2" = 1'-0"
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
SITE DETAILS

SHEET NUMBER
A-041.1

GENERAL NOTES:

1. THE LOADING AND UNLOADING OF VEHICLES SHALL ONLY OCCUR IN DESIGNED DROP-OFF AREAS.
2. VEHICLES IN THE DROP-OFF AREA MAY NOT IMPEDE THE TRAVEL OF ANY EMERGENCY VEHICLES AT ANY TIME.
3. VEHICLES IN DROP-OFF AREAS MAY NOT BLOCK PEDESTRIAN CROSSWALKS OR ACCESSIBILITY RAMPS AT ANY TIME.



1 FIRST FLOOR PLAN
3/32" = 1'-0"

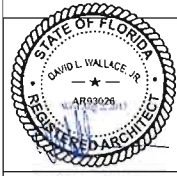
TOTAL PARKING SPACES PROVIDED ON HOTEL SITE

TYPE	QTY
(2) HANDICAPPED + VALET PARKING	12
Grand total	12

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



by HILTON



FL COA: AA26001254

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architects
542 Douglas Avenue
Dunedin, FL 34699
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www.dlwarchitects.com
ESTD 1984

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EDIT DATE

10/9/2017 9:44:07 AM

ISSUE DATE

07/06/2017

SCALE

As indicated

JOB NUMBER

15-0028

PROJECT STATUS

SITE PLAN APPROVAL

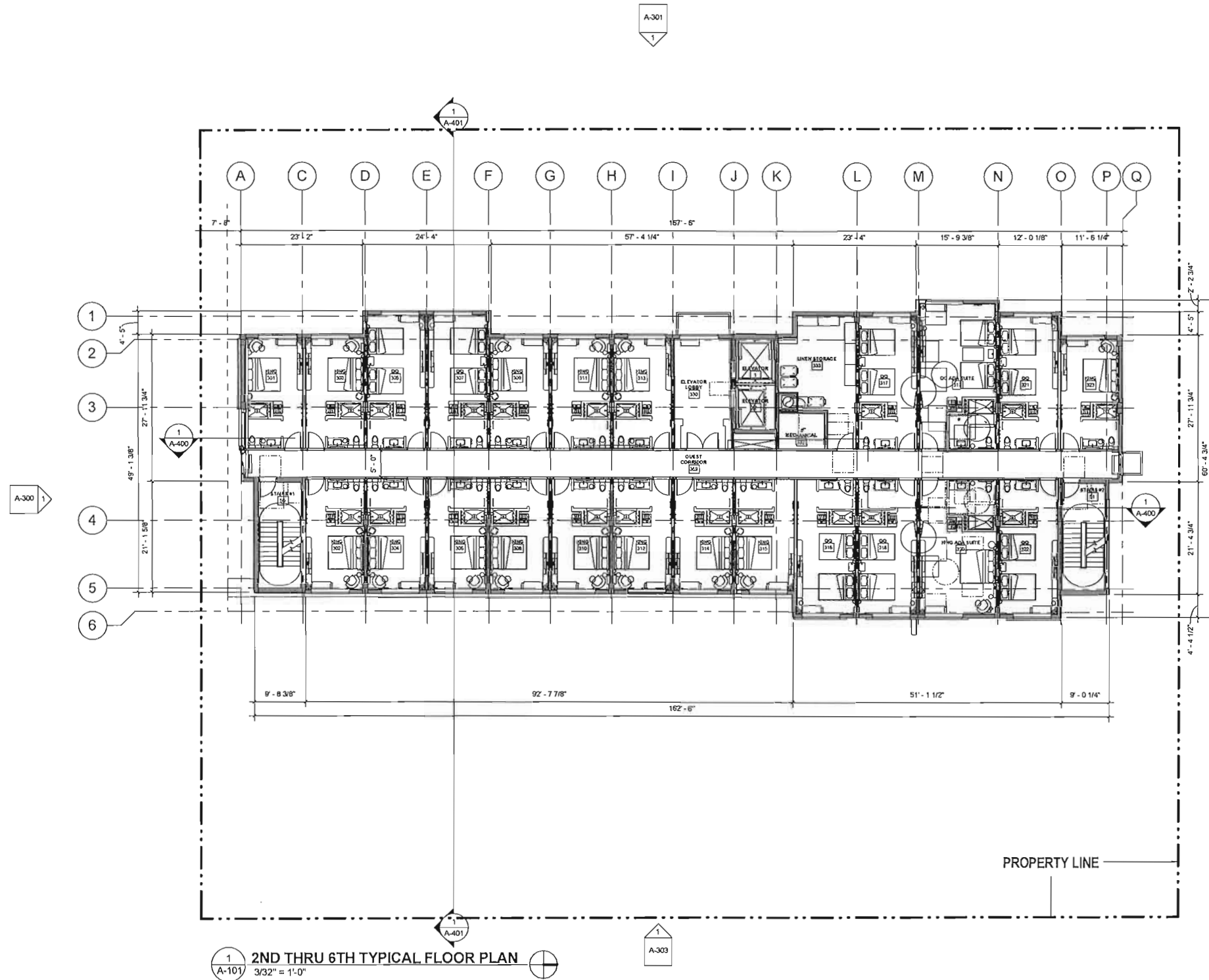
SHEET NAME

1ST FLOOR PLAN

SHEET NUMBER

A-100





Guestroom Room Schedule Matrix			
LEVEL	Name	Occupancy	Count
2ND FLOOR	KING	GUESTROOM	14
2ND FLOOR	KING ADA SUITE	GUESTROOM	1
2ND FLOOR	QQ	GUESTROOM	7
2ND FLOOR	QQ ADA SUITE	GUESTROOM	1
2ND FLOOR: 23			
3RD FLOOR	KING	GUESTROOM	14
3RD FLOOR	KING ADA SUITE	GUESTROOM	1
3RD FLOOR	QQ	GUESTROOM	7
3RD FLOOR	QQ ADA SUITE	GUESTROOM	1
3RD FLOOR: 23			
4TH FLOOR	KING	GUESTROOM	14
4TH FLOOR	KING ADA SUITE	GUESTROOM	1
4TH FLOOR	QQ	GUESTROOM	7
4TH FLOOR	QQ ADA SUITE	GUESTROOM	1
4TH FLOOR: 23			
5TH FLOOR	KING	GUESTROOM	14
5TH FLOOR	KING ADA SUITE	GUESTROOM	1
5TH FLOOR	QQ	GUESTROOM	7
5TH FLOOR	QQ ADA SUITE	GUESTROOM	1
5TH FLOOR: 23			
6TH FLOOR	KING	GUESTROOM	14
6TH FLOOR	KING ADA SUITE	GUESTROOM	1
6TH FLOOR	QQ	GUESTROOM	7
6TH FLOOR	QQ ADA SUITE	GUESTROOM	1
6TH FLOOR: 23			
Grand total: 115			

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Beach, FL 33004



by HILTON



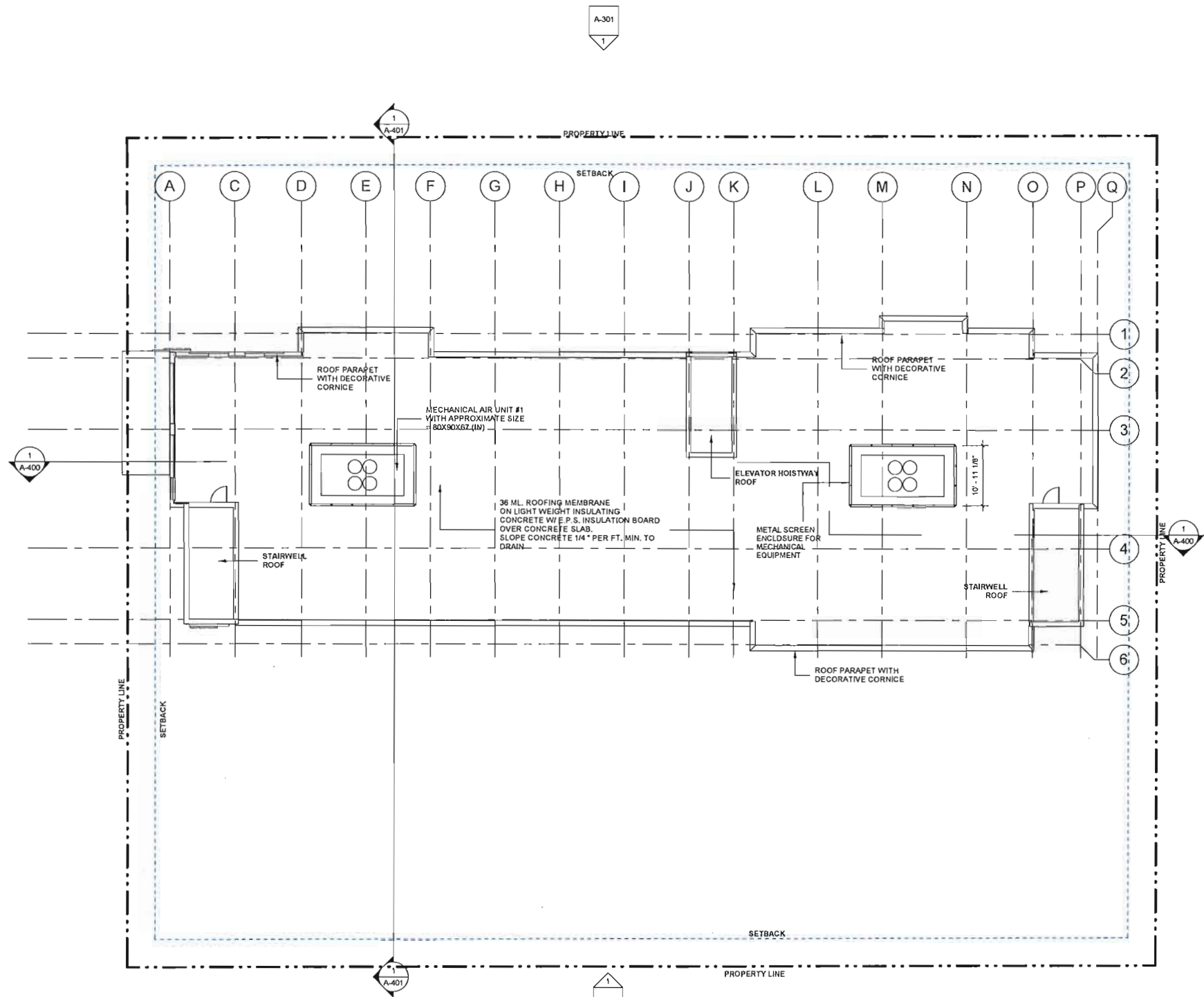
FL COA: AA2601264



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727.738.5000
www.dlwarchitects.com
established 1981

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CM
EDIT DATE:
8/1/2017 11:56:19 AM
ISSUE DATE:
07/06/2017
SCALE:
3/32" = 1'-0"
JOB NUMBER:
16-0018
PROJECT STATUS:
SITE PLAN APPROVAL
SHEET NAME:
2ND THRU 6TH TYPICAL FLOOR
PLAN
SHEET NUMBER:
A-101

PERCENTAGE OF ROOFTOP ELEMENT		
AREA TYPE	Area	PERCENTAGE
EXTERIOR ROOFTOP ELEMENT	609 SF	7%
ROOFTOP	8,327 SF	93%



1
A-106
ROOF FLOOR PLAN
3/32" = 1'-0"

No.	DESCRIPTION	DATE
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BEACH
24 N Federal Hwy, Dania
Beach, FL 33004

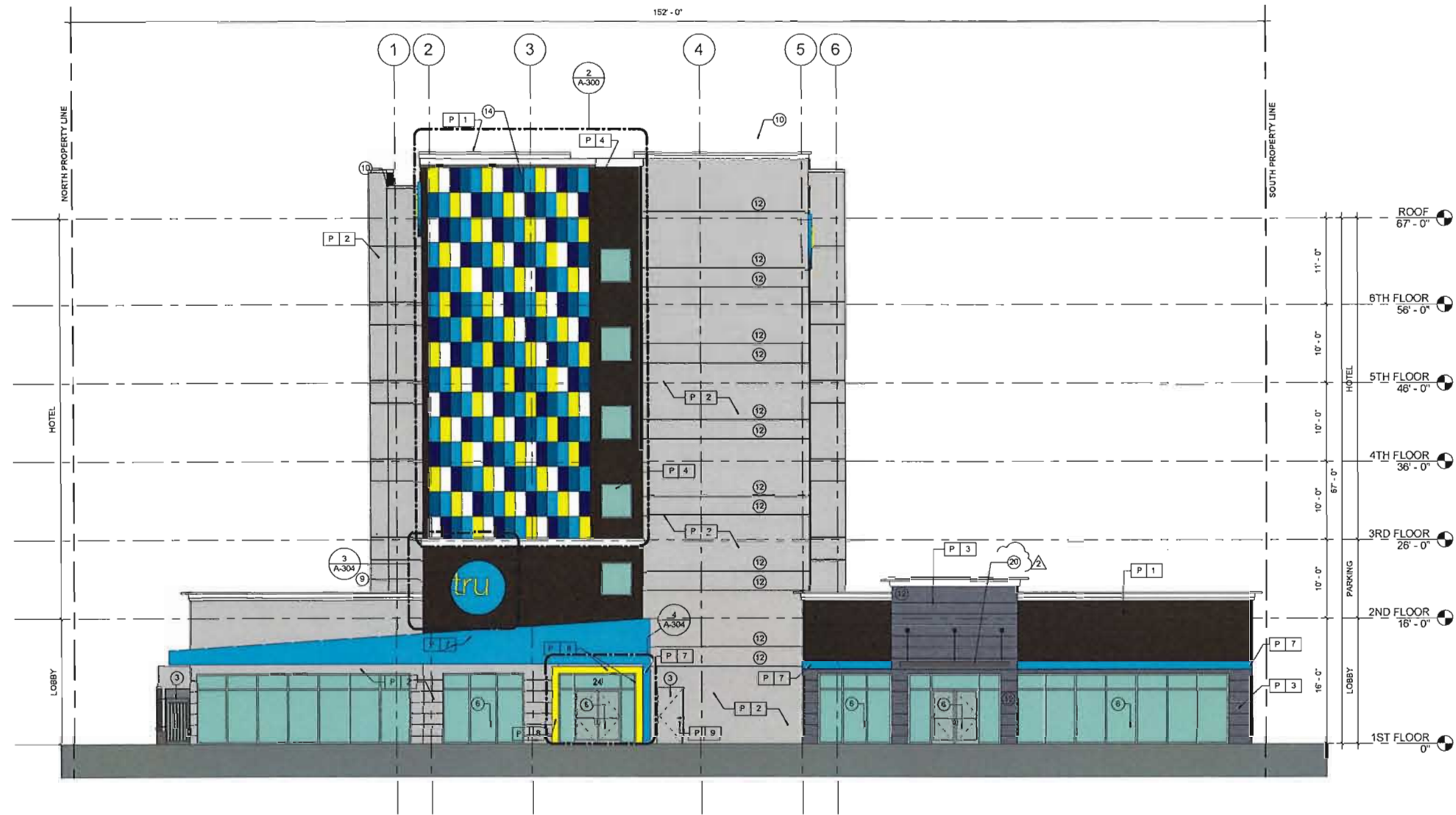


FL CDA: AA26001254

dilw
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542 Douglas Avenue
Dunedin, FL 34698
727.736.6000
www.dilwarchitects.com
REGISTERED ARCHITECT 12851

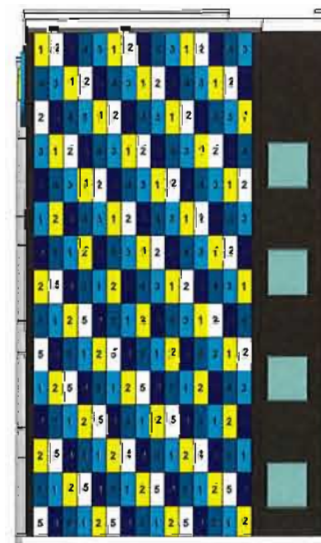
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Author
EDIT DATE 8/1/2017 11:56:22 AM
ISSUE DATE 07/06/2017
SCALE 3/32" = 1'-0"
JOB NUMBER 16-0028
PROJECT STATUS SITE PLAN APPROVAL
SHEET NAME ROOF PLAN

SHEET NUMBER
A-106



1 WEST ELEVATION
1/8" = 1'-0"

PERCENTAGE OF GLAZING WEST ELEVATION	
TOTAL AREA OF FACADE	1,372.55 SF
TOTAL AREA OF GLAZING	861.50 SF
PROVIDED	63%
REQUIRED	70%



2 COLOR DETAIL - WALL CLADDING
1/8" = 1'-0"

KEY NOTES		
MARK	FINISH	TEXTURE MATERIAL
1	APPROXIMATE LINE OF GRADE	
2	FOAM BAND SMOOTH FINISH	
3	DOOR, REFER TO DOOR SCHEDULES FOR DETAILS AND SPECIFICATIONS	
4	ALUM/GLOSS FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS	
5	ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING	
6	ALUM GLASS STOREFRONT AND ENTRY SYSTEM W/ THERMAL BROKEN FRAME, INSULATED GLAZING	
7	ALUMINUM PTAC LOUVER COLOR TO MATCH ADJACENT MATERIAL	
8	ALUM GLASS SLIDING ENTRY DOOR W/ INSULATED GLAZING	
9	SIGNAGE - REFER TO TRU BY HILTON EXTERIOR SIGNAGE SPECIFICATIONS	
10	KYNAR FINISH ALUMINUM COPING / GRAVEL STOP SYSTEM - COLOR TO MATCH ADJACENT MATERIAL	
11	EXPANSION JOINT W/ BACKER ROD AND SEALANT	
12	ACCENT "V" JOINT	
13	CURTAIN WALL W/ INSULATED GLAZING	
14	PERFORATED MULTI-COLORED METAL PANELS	
15	GLASS RAILING	
16	DUMPSTER	
17	COLUMN, REFER TO STRUCTURAL DRAWINGS FOR SPECIFICATIONS	
18	PRE-MANUFACTURED ALUMINUM POOL CABANA STRUCTURE WITH TRELLIS	
19	ALUMINUM FENCE WITH DARK GREY MATTE FINISH	
20	SUSPENDED ALUMINUM CANOPY	

FINISH LEGEND	
EIFS CLADDING SYSTEM (EX) - BASIS OF DESIGN - "DUTSULATION PLUS PM EIFS" BY DRYVIT SYSTEMS, INC.	
PROVIDE EIFS HIGH IMPACT MESH ASSEMBLY FOR LOWER 8'-0" OF WALL AREAS AT GRADE. BASIS OF DESIGN - DRYVIT "STANDARD" MESH OVER "PANZER 20 OZ." HIGH IMPACT MESH	
COORDINATE FOR MINIMUM EXTERIOR CONTINUOUS INSULATION THICKNESS / R-VALUE REQUIREMENTS IN ACCORDANCE WITH ADOPTED ENERGY CODE REQUIREMENTS FOR ALL CLADDING AREAS.	
P 1	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 02 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE 7C BLACK)
P 2	DRYVIT SYSTEMS: SANDBLAST DPR - HYDROPHOBIC "TRUH 01 2740" - DRYVIT #613B OVERCAST
P 3	DRYVIT SYSTEMS: TERRAZO POLISHED GRANITE "TRUH 03 1101" - DRYVIT #207 GLACIER
P 4	DRYVIT SYSTEMS: DEMANDIT COLOR COATING OVER "SANDBLAST HDP" - "TRUH 02 2740" (REFER TO COLOR DIAGRAM 16E / AS 01) 1. COLOR 1: "TRUH 04 1085S" - PANTONE PMS PROCESS YELLOW - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 2. COLOR 2: "TRUH 05 1085S" - PANTONE PMS PROCESS CYAN - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 3. COLOR 3: "TRUH 06 1085S" - PANTONE PMS #317C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 4. COLOR 4: "TRUH 07 1085S" - PANTONE PMS #2555C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 5. COLOR 5: "TRUH 08 1085S" - PANTONE PMS #2555C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT
P 5	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 05 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE PMS PROCESS CYAN)
P 6	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 06 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE PMS PROCESS CYAN)
P 7	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS CYAN
P 8	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS YELLOW
P 9	BENJAMIN MOORE EXTERIOR PAINT: 1595 NIGHTFALL / HIGH GLOSS FINISH

E.I.F.S. FINISH SYSTEM TO BE SUBSTITUTED WITH DIRECT APPLIED STUCCO SYSTEM.

BUILDING SIGNAGE NOTES:

- ALL SIGNAGE TO BE UNDER SEPARATE PERMIT.
- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY - LOCATION, SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
- MINIMUM 3/4" PLYWOOD BACKERBOARD REQUIRED AT SIGN LOCATIONS - AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
- ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR - ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY - TYPICAL 120V REQUIREMENT.
- RACEWAYS / WIREWAYS ARE NOT ALLOWED
- PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR - CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
- GUESTROOM OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND / OR INSTALLED PRIOR TO CLOSING UP THE WALL - PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES:

- REFER TO TRU BY HILTON STANDARDS MANUAL AND STYLE GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.

No.	DESCRIPTION	DATE
2	SITE PLAN REV.	07-27-2017

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



DR. LAMIN	CM
EDIT DATE	8/1/2017 11:56:49 AM
ISSUE DATE	01/06/2017
SCALE	As Indicated
JOB NUMBER	16-0028
PROJECT STATUS	SITE PLAN APPROVAL
SHEET NAME	WEST BUILDING ELEVATION

SHEET NUMBER
A-300

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



DRAWN
GM
EDIT DATE
8/1/2017 11:57:04 AM
ISSUE DATE
07/06/2017
SCALE
As Indicated
JOB NUMBER
16-0018
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
NORTH BUILDING ELEVATION

SHEET NUMBER
A-301

KEY NOTES	
MARK	FINISH TEXTURE MATERIAL
1	APPROXIMATE LINE OF GRADE
2	FOAM BAND SMOOTH FINISH
3	DOOR. REFER TO DOOR SCHEDULES FOR DETAILS AND SPECIFICATIONS
4	ALUM./GLASS FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS
5	ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING
6	ALUM GLASS STOREFRONT AND ENTRY SYSTEM W/ THERMAL BROKEN FRAME, INSULATED GLAZING
7	ALUMINUM PTAC LOUVER COLOR TO MATCH ADJACENT MATERIAL
8	ALUM GLASS SLIDING ENTRY DOOR W/ INSULATED GLAZING
9	SIGNAGE - REFER TO TRU BY HILTON EXTERIOR SIGNAGE SPECIFICATIONS
10	KYNAR FINISH ALUMINUM COPING / GRAVEL STOP SYSTEM - COLOR TO MATCH ADJACENT MATERIAL
11	EXPANSION JOINT W/ BACKER ROD AND SEALANT
12	ACCENT "V" JOINT
13	CURTAIN WALL W/ INSULATED GLAZING
14	PERFORATED MULTI-COLORED METAL PANELS
15	GLASS RAILING
16	DUMPSTER
17	COLUMN. REFER TO STRUCTURAL DRAWINGS FOR SPECIFICATIONS
18	PRE-MANUFACTURED ALUMINUM POOL CABANA STRUCTURE WITH TRELLIS
19	ALUMINUM FENCE WITH DARK GREY MATTE FINISH
20	SUSPENDED ALUMINUM CANOPY

FINISH LEGEND	
EIFS CLADDING SYSTEM (EX) - BASIS OF DESIGN - "OUTSULATION PLUS PM EIFS" BY DRYVIT SYSTEMS, INC.	
PROVIDE EIFS HIGH IMPACT MESH ASSEMBLY FOR LOWER 8'-0" OF WALL AREAS AT GRADE. BASIS OF DESIGN - DRYVIT "STANDARD" MESH OVER "PANZER 20 OZ." HIGH IMPACT MESH	
COORDINATE FOR MINIMUM EXTERIOR CONTINUOUS INSULATION THICKNESS / R-VALUE REQUIREMENTS IN ACCORDANCE WITH ADOPTED ENERGY CODE REQUIREMENTS FOR ALL CLADDING AREAS.	
P 1	DRYVIT SYSTEMS: SANDBLAST OPR "TRUH 02 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE 7C BLACK)
P 2	DRYVIT SYSTEMS: SANDBLAST DPR - HYDROPHOBIC "TRUH 01 2740" - DRYVIT #613B OVERCAST
P 3	DRYVIT SYSTEMS: TERRAZZO POLISHED GRANITE "TRUH 03 1101" - DRYVIT #207 GLACIER
P 4	DRYVIT SYSTEMS: DEMANDT COLOR COATING OVER "SANDBLAST HDP" - "TRUH 02 2740" (REFER TO COLOR DIAGRAM 16E / ASD1) 1. COLOR 1: "TRUH 04 1065S" - PANTONE PMS PROCESS YELLOW - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 2. COLOR 2: "TRUH 05 1065S" - PANTONE PMS PROCESS CYAN - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 3. COLOR 3: "TRUH 06 1065S" - PANTONE PMS #317C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 4. COLOR 4: "TRUH 07 1065S" - PANTONE PMS #2565C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 5. COLOR 5: "TRUH 08 1065S" - PANTONE PMS #2685C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT
P 5	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 05 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE PMS PROCESS CYAN)
P 6	DRYVIT SYSTEMS: SANDBLAST OPR DRYVIT #615A TATLETAL
P 7	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS CYAN
P 8	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS YELLOW
P 9	BENJAMIN MOORE EXTERIOR PAINT: 1595 NIGHTFALL / HIGH GLOSS FINISH

E.I.F.S. FINISH SYSTEM TO BE SUBSTITUTED WITH DIRECT APPLIED STUCCO SYSTEM.

- BUILDING SIGNAGE NOTES:
1. ALL SIGNAGE TO BE UNDER SEPARATE PERMIT.
 2. ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY - LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
 3. MINIMUM 3/4" PLYWOOD BACKERBOARD REQUIRED AT SIGN LOCATIONS - AREA SHOULD COVER ENTIRE LENGTH AND HEIGHT OF FASCIA OR SPACE AVAILABLE FOR SIGN.
 4. ELECTRICAL AND FINAL CONNECTION BY CONTRACTOR - ELECTRICAL REQUIREMENTS MAY BE OBTAINED FROM SIGN COMPANY - TYPICAL 120V REQUIREMENT.
 5. RACEWAYS / WIREWAYS ARE NOT ALLOWED
 6. PERMANENT ACCESS DOORS TO INTERIOR OF ALL PARAPETS WHERE SIGNS ARE LOCATED TO BE PROVIDED BY CONTRACTOR - CONTRACTOR TO FURNISH AND CONNECT PRIMARY ELECTRICAL SERVICE INSIDE PARAPET WALL.
 7. GUESTROOM OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND / OR INSTALLED PRIOR TO CLOSING UP THE WALL - PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES:

1. REFER TO TRU BY HILTON STANDARDS MANUAL AND STYLE GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.



1 NORTH ELEVATION
A-301
1/8" = 1'-0"



FINISH LEGEND	
EIFS CLADDING SYSTEM (EX) - BASIS OF DESIGN - "OUTSULATION PLUS PM EIFS" BY DRYVIT SYSTEMS, INC.	
PROVIDE EIFS HIGH IMPACT MESH ASSEMBLY FOR LOWER 8'-0" OF WALL AREAS AT GRADE: BASIS OF DESIGN - DRYVIT "STANDARD" MESH OVER "PANZER 20 OZ." HIGH IMPACT MESH	
COORDINATE FOR MINIMUM EXTERIOR CONTINUOUS INSULATION THICKNESS / R-VALUE REQUIREMENTS IN ACCORDANCE WITH ADOPTED ENERGY CODE REQUIREMENTS FOR ALL CLADDING AREAS.	
P 1	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 02 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE 7C BLACK)
P 2	DRYVIT SYSTEMS: SANDBLAST DPR-HYDROPHOBIC "TRUH 01 2740" - DRYVIT #613B OVERCAST
P 3	DRYVIT SYSTEMS: TERRAZZO POLUSHEO GRANITE "TRUH 03 1101" - DRYVIT #207 GLACIER
P 4	DRYVIT SYSTEMS: DEMANDIT COLOR COATING OVER "SANDBLAST HDP" - "TRUH 02 2740" (REFER TO COLOR DIAGRAM 15E / AS.01) 1. COLOR 1: "TRUH 04 108SS" - PANTONE PMS PROCESS YELLOW - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 2. COLOR 2: "TRUH 05 108SS" - PANTONE PMS PROCESS CYAN - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 3. COLOR 3: "TRUH 06 108SS" - PANTONE PMS #317C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 4. COLOR 4: "TRUH 07 108SS" - PANTONE PMS #2956C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 5. COLOR 5: "TRUH 08 108SS" - PANTONE PMS #2685C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT
P 5	DRYVIT SYSTEMS: SANDBLAST DPR "TRUH 05 1030S" - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT (PANTONE PMS PROCESS CYAN)
P 6	DRYVIT SYSTEMS: SANDBLAST DPR DRYVIT #615A TATLETALE
P 7	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS CYAN
P 8	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS YELLOW
P 9	BENJAMIN MOORE EXTERIOR PAINT: 1595 NIGHTFALL/ HIGH GLOSS FINISH

BUILDING SIGNAGE NOTES:

1. ALL SIGNAGE TO BE UNDER SEPARATE PERMIT.
2. ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY - LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
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7. GUESTROOM OR PUBLIC SPACES WITH SIGNAGE ON EXTERIOR WALLS MUST HAVE ELECTRICAL PENETRATIONS AND / OR INSTALLED PRIOR TO CLOSING UP THE WALL - PENETRATION LAYOUT MAY BE OBTAINED FROM SIGN COMPANY.

GENERAL NOTES:
1. REFER TO TRUBY HILTON STANDARDS MANUAL AND STYLE GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.

SHEET NUMBER
A-302



1 SOUTH ELEVATION
1/8" = 1'-0"

No.	DESCRIPTION	DATE
2	SITE PLAN REV.	07-27-2017

KEY NOTES	
MARK	FINISH TEXTURE MATERIAL
1	APPROXIMATE LINE OF GRADE
2	FOAM BAND SMOOTH FINISH
3	DOOR, REFER TO DOOR SCHEDULES FOR DETAILS AND SPECIFICATIONS
4	ALUM/GLASS FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING WITH INTEGRAL ALUMINUM LOUVER AT PTAC UNITS
5	ALUMINUM FIXED WINDOW W/ THERMAL BROKEN FRAME, INSULATED GLAZING
6	ALUM GLASS STOREFRONT AND ENTRY SYSTEM W/ THERMAL BROKEN FRAME, INSULATED GLAZING
7	ALUMINUM PTAC LOUVER COLOR TO MATCH ADJACENT MATERIAL
8	ALUM GLASS SLIDING ENTRY DOOR W/ INSULATED GLAZING
9	SIGNAGE - REFER TO TRU BY HILTON EXTERIOR SIGNAGE SPECIFICATIONS
10	KYNAR FINISH ALUMINUM COPING / GRAVEL STOP SYSTEM - COLOR TO MATCH ADJACENT MATERIAL
11	EXPANSION JOINT W/ BACKER ROD AND SEALANT
12	ACCENT "V" JOINT
13	CURTAIN WALL W/ INSULATED GLAZING
14	PERFORATED MULTI-COLORED METAL PANELS
15	GLASS RAILING
16	DUMPS
17	COLUMNS, REFER TO STRUCTURAL DRAWINGS FOR SPECIFICATIONS
18	PRE-MANUFACTURED ALUMINUM POOL CABANA STRUCTURE WITH TRELLIS
19	ALUMINUM FENCE WITH DARK GREY MATTE FINISH
20	SUSPENDED ALUMINUM CANOPY

FINISH LEGEND	
EIFS CLADDING SYSTEM (EX) - BASIS OF DESIGN - "OUTSULATION PLUS PM EIFS" BY DRYVIT SYSTEMS, INC.	
PROVIDE EIFS HIGH IMPACT MESH ASSEMBLY FOR LOWER 8'-0" OF WALL AREAS AT GRADE. BASIS OF DESIGN - DRYVIT "STANDARD" MESH OVER "PANZER 20 OZ." HIGH IMPACT MESH.	
COORDINATE FOR MINIMUM EXTERIOR CONTINUOUS INSULATION THICKNESS / R-VALUE REQUIREMENTS IN ACCORDANCE WITH ADOPTED ENERGY CODE REQUIREMENTS FOR ALL CLADDING AREAS.	
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P 3	DRYVIT SYSTEMS: TERRAZO POLISHED GRANITE "TRUH 03 1101" - DRYVIT #207 GLACIER
P 4	DRYVIT SYSTEMS: DEMANDIT COLOR COATING OVER "SANDBLAST HDP" - "TRUH 02 2740" (REFER TO COLOR DIAGRAM 15E / AS 01) 1. COLOR 1: "TRUH 04 1065S" - PANTONE PMS PROCESS YELLOW - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 2. COLOR 2: "TRUH 05 1065S" - PANTONE PMS PROCESS CYAN - W/ "STRATOTONE" HIGH PERFORMANCE COLOR 3. COLOR 3: "TRUH 06 1065S" - PANTONE PMS #317C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 4. COLOR 4: "TRUH 07 1065S" - PANTONE PMS #2955C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT 5. COLOR 5: "TRUH 08 1065S" - PANTONE PMS #2685C - W/ "STRATOTONE" HIGH PERFORMANCE COLORANT
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P 8	HIGH PRESSURE LAMINATE PANEL: COLOR TO MATCH PANTONE PMS PROCESS YELLOW
P 9	BENJAMIN MOORE EXTERIOR PAINT: 1595 NIGHTFALL / HIGH GLOSS FINISH

E.I.F.S. FINISH SYSTEM TO BE SUBSTITUTED WITH DIRECT APPLIED STUCCO SYSTEM.

BUILDING SIGNAGE NOTES:

- ALL SIGNAGE TO BE UNDER SEPARATE PERMIT.
- ALL SIGNAGE SHOWN FOR ILLUSTRATIVE PURPOSES ONLY - LOCATION SIZE, ETC. TO BE DETERMINED ON AN INDIVIDUAL PROJECT BASIS.
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GENERAL NOTES:

- REFER TO TRU BY HILTON STANDARDS MANUAL AND STYLE GUIDE FOR ADDITIONAL INFORMATION REGARDING EXTERIOR MATERIALS, CONSTRUCTION REQUIREMENTS AND SIGNAGE REQUIREMENTS.

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004

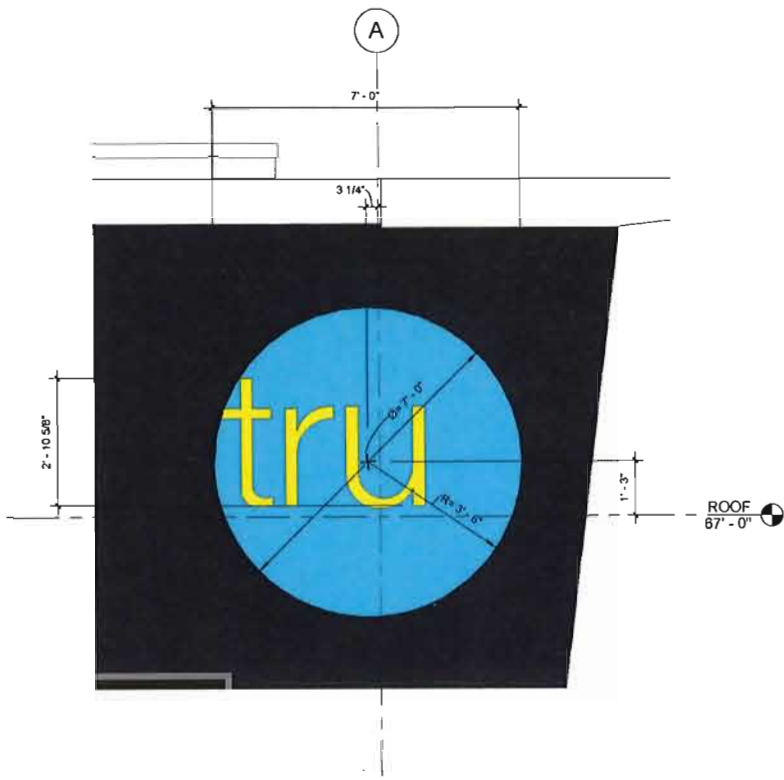


FL COA: AA26001254

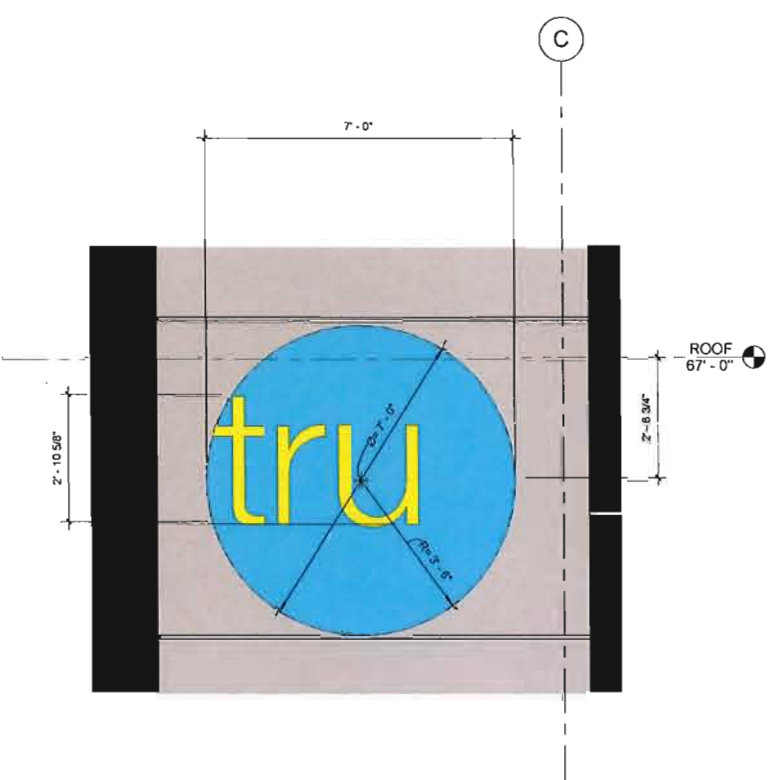


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Author
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ISSUE DATE
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As indicated
JOB NUMBER
18-0018
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
SOUTH BUILDING ELEVATION

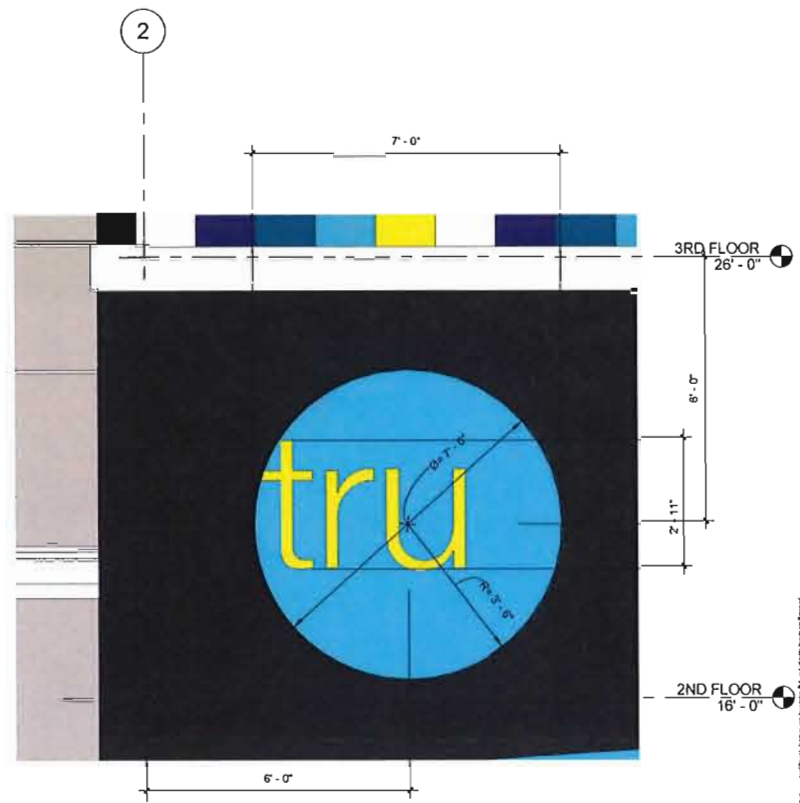
SHEET NUMBER
A-303



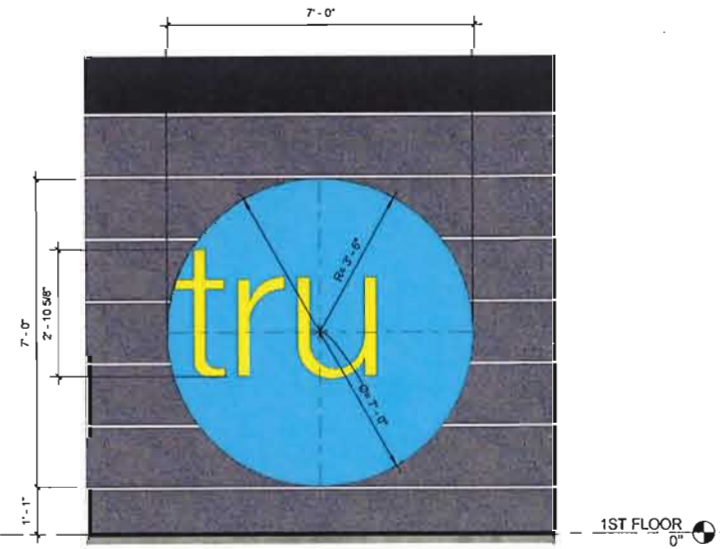
1 SIGNAGE DETAILS-NORTH FACADE
A-304 1/2" = 1'-0"



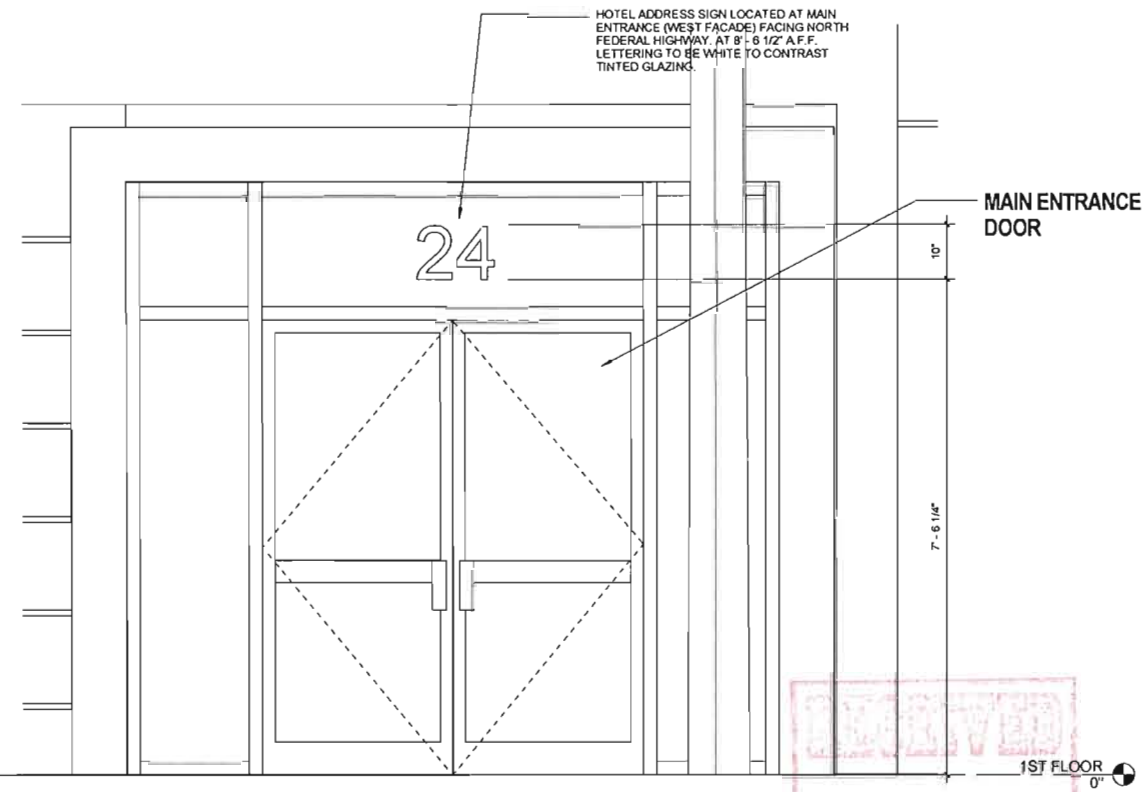
2 SIGNAGE DETAIL SOUTH FACADE
A-304 1/2" = 1'-0"



3 SIGNAGE DETAIL-WEST FACADE
A-304 1/2" = 1'-0"



5 SIGNAGE DETAILS-VALET DROP OFF
A-304 1/2" = 1'-0"



4 HOTEL ADDRESS SIGNAGE
A-304 3/4" = 1'-0"

Per section 505-90.(C) Cumulative sign area allowance

SIGNAGE SQ. FT. REQUIREMENTS			
Location	Frontage	Allowed	Provided
1. East Facade	150' Along NE 1st Ave.	Sec. 505-90(v)(1) "one (1) sign is permitted per building frontage, not to exceed one (1) square foot in area for each of the first seventy-five (75) feet of building frontage, and one-quarter (1/4) square foot in area for each additional one (1) foot of frontage in excess of seventy-five (75) feet."	38.5 SQ. FT.
2. North Facade	150' Along North Federal Highway		38.5 SQ. FT.
3. South Facade	150' Along North Federal Highway		38.5 SQ. FT.
4. West Facade	150' Along North Federal Highway		38.5 SQ. FT.
TOTAL		(2) SIGNS: 140.6 SF OF SIGN AREA MAX (83.75 SF X 1.5 CRA BONUS = 140.6 SF SIGN AREA MAX)	4 SIGNS (FOR EACH SIDE OF THE BUILDING), 154 SF OF SIGN AREA (38.5 SF X 4)

- SIGNAGE GENERAL NOTES:**
- SIGNAGE IS TO BE SUBMITTED UNDER SEPARATE PERMIT.
 - SIGNAGE SHALL CONFORM TO THE STANDARDS AND REGULATIONS OF THE LOCAL ORDINANCES AND THE AUTHORITY HAVING JURISDICTION.
 - ELECTRICAL RACEWAYS AND CONDUITS SHALL BE CONCEALED FROM VIEW AND RACEWAYS SHALL BE PAINTED THE COLOR OF THE SIGN BACKGROUND.
 - ALL LIGHTS AND LIGHTING FROM A SIGN SHALL BE DESIGNED AND ARRANGED SO AS NOT TO CAUSE DIRECT GLARE ONTO ANOTHER PROPERTY, OR INTO THE EYES OF PASSING MOTORISTS OR PEDESTRIANS.
 - SIGNS MAY ONLY BE ILLUMINATED INTERNALLY BY LIGHTS PLACED INSIDE INDIVIDUAL CHANNEL LETTERS WITH A TRANSLUCENT FACE, BY "HALO" LIGHTS PLACED BEHIND INDIVIDUAL REVERSE PAN-CHANNEL LETTERS, OR EXTERNALLY BY LIGHTS THAT ARE DIRECTED TO SHINE DIRECTLY ON THE SIGN.
 - ALL PERMANENT PERMITTED SIGNS MAY BE ILLUMINATED BY INTERNAL OR EXTERNAL MEANS.
 - CABINET SIGNS ARE PROHIBITED, EXCEPT WHERE CONSTRUCTED OF AN OPAQUE SIGN FACE WITH TRANSLUCENT CUT OUTS FOR SIGN COPY SUCH THAT ONLY THE SIGN COPY ITSELF IS ILLUMINATED AND THE BACKGROUND IS NOT ILLUMINATED.

No. 1 DESCRIPTION DATE
2 SITE PLAN/REV. 07-27-2017

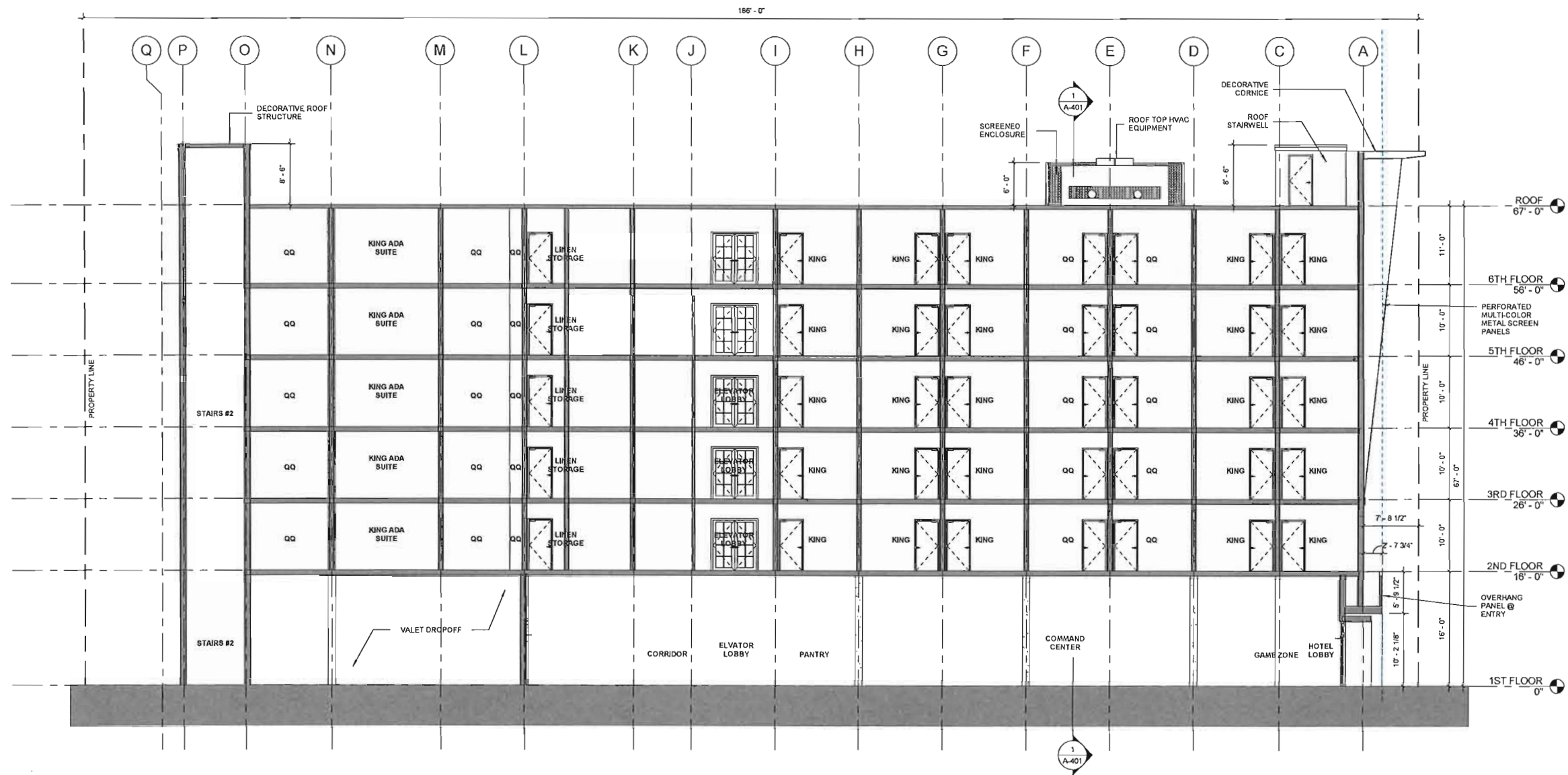
TRU BY HILTON DANIA BEACH
24 N Federal Hwy, Dania Beach, FL 33004

by HILTON

FL COA: AA26001254

dllw
architects
542 Douglas Avenue
Dunedin, FL 34698
727.736.6000
www.dlwarchitects.com
ESTABLISHED 1981

DRAWN CM	SHEET NAME HOTEL SIGNAGE DETAILS
EDIT DATE 10/19/2017 6:51:22 PM	PROJECT STATUS SITE PLAN APPROVAL
ISSUE DATE 01/06/2017	SHEET NUMBER A-304
SCALE As indicated	
JOB NUMBER 16-0078	



BUILDING SECTION 1
1/8" = 1'-0"

No. DESCRIPTION DATE

TRU BY HILTON DANIA BEACH
24 N Federal Hwy, Dania Beach, FL 33004

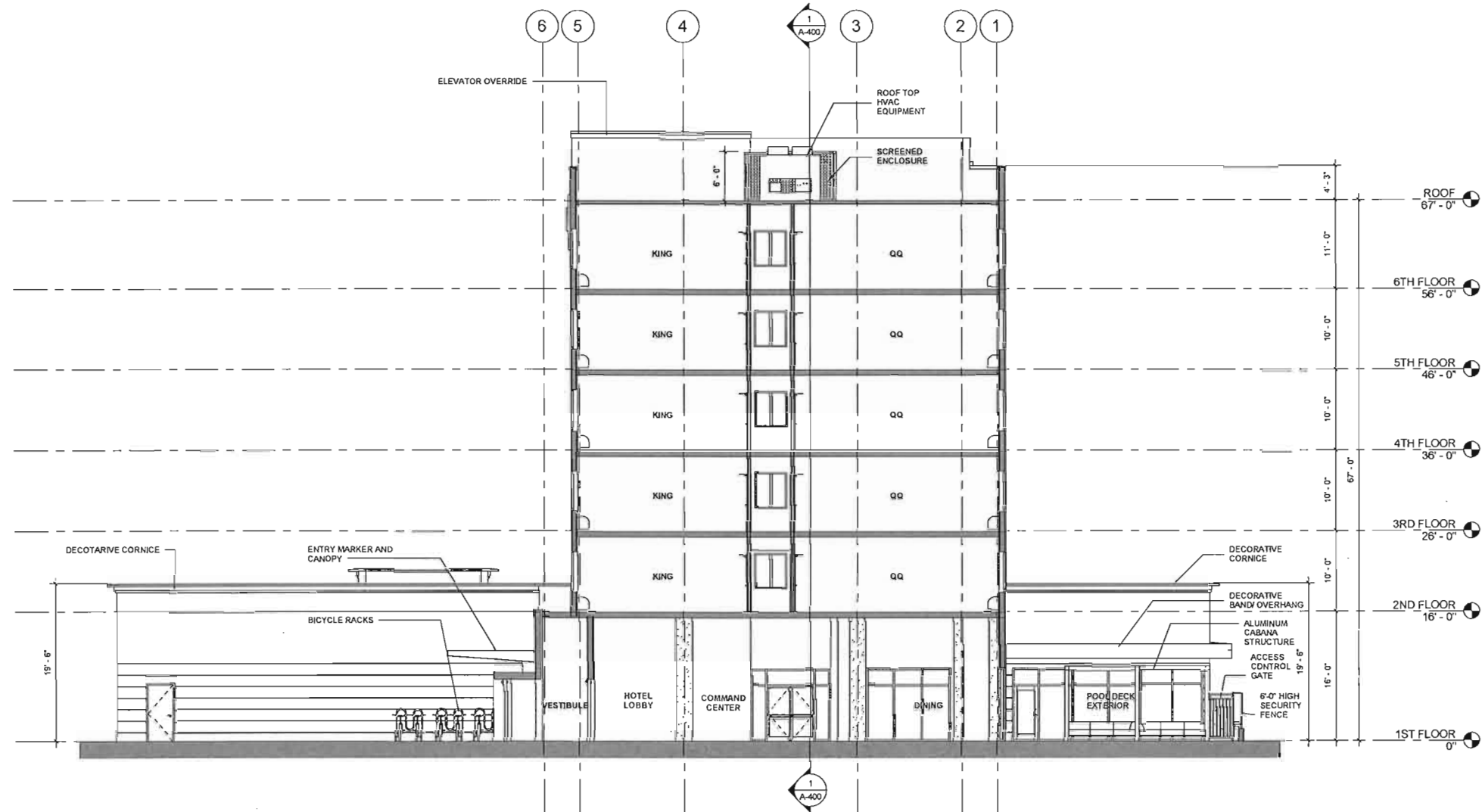


FL COA: AA26001254



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ISSUE DATE
07/06/2017
SCALE
1/8" = 1'-0"
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
BUILDING SECTIONS

SHEET NUMBER
A-400



1
A-401
BUILDING SECTION 2
1/8" = 1'-0"

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



dlw
architects
542 Douglas Avenue
Dania Beach, FL 33004
727.736.6000
www.dlwarchitects.com
established 1981

DRAWN
CM
EDIT DATE
8/1/2017 11:58:02 AM
ISSUE DATE
07/06/2017
SCALE
1/8" = 1'-0"
JOB NUMBER
15-0018
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
BUILDING SECTIONS

SHEET NUMBER
A-401

TRU BY HILTON DANIA
 BEACH
 24 N Federal Hwy, Dania
 Beach, FL 33004



FL COA: AA26001254



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ISSUE DATE	07/26/2017
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PROJECT STATUS	SITE PLAN APPROVAL
SHEET NAME	VEHICLES

SHEET NUMBER
A-800



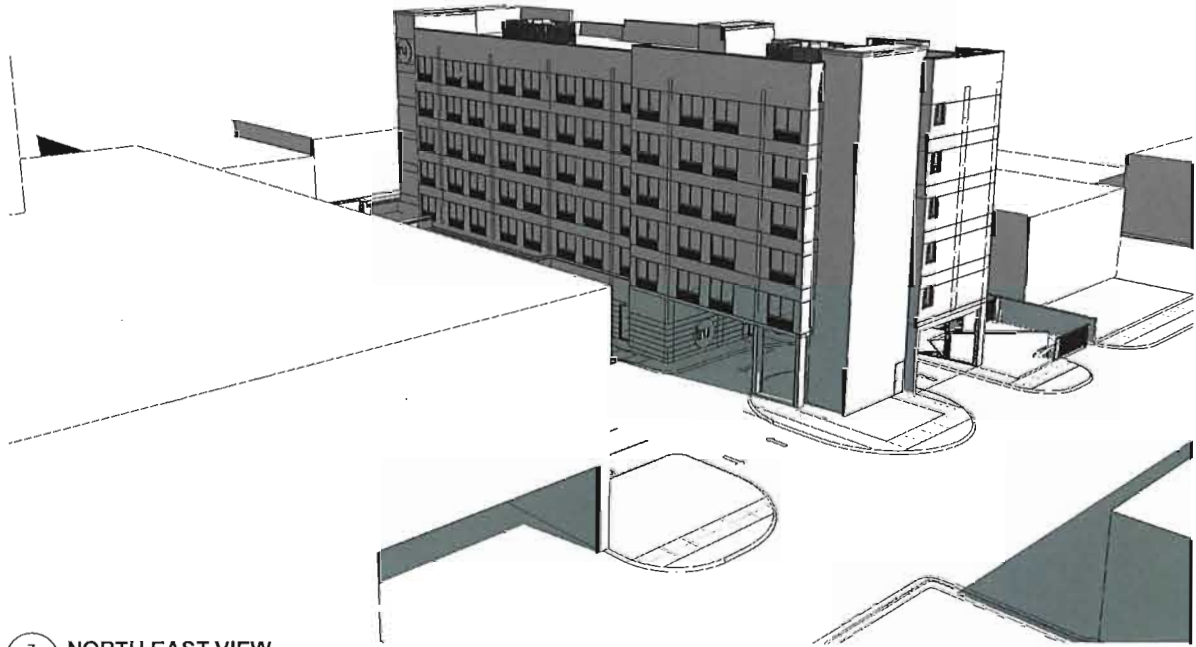
4
 A-800
 SOUTHWEST VIEW.



5
 A-800
 NORTHWEST VIEW.



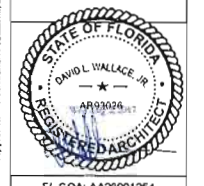
6
 A-800
 SOUTH WEAST VIEW



7
 A-800
 NORTH EAST VIEW



No.	DESCRIPTION	DATE
	TRU BY HILTON DANIA BEACH 24 N Federal Hwy, Dania Beach, FL 33004	



FL COA: AA26001254

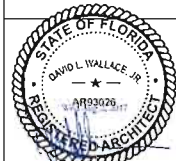


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ISSUE DATE
07/06/2017
SCALE
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
RENDERINGS @ HOTEL

SHEET NUMBER
A-802

HOTEL SITE

TRU BY HILTON DANIA
 BEACH
 24 N Federal Hwy, Dania
 Beach, FL 33004



FL COA: AA26001254

dlw
 architects
 542 Douglas Avenue
 Dunedin, FL 34698
 727.736.6000
 www.dlwarchitects.com
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CM
EDIT DATE
10/9/2017 10:18:45 AM
ISSUE DATE
07/06/2017
SCALE
JOB NUMBER
16-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
RENDERINGS @ HOTEL

SHEET NUMBER
 A-803



SOUTHWEST VIEW ALONG FEDERAL



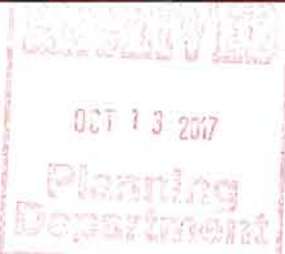
PEDESTRIAN ENTRY DETAIL ALONG FEDERAL



NORTHWEST AERIAL VIEW ALONG FEDERAL



VIEW AT COURTYARD AND POOLDECK



HOTEL SITE



VIEW AT NE 1ST CT. AND ALLEY OF VALET PARKING LOT



VIEW WITHIN VALET PARKING LOT



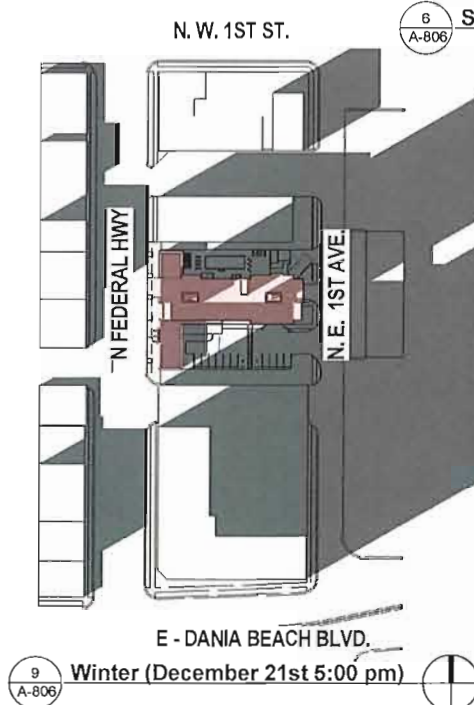
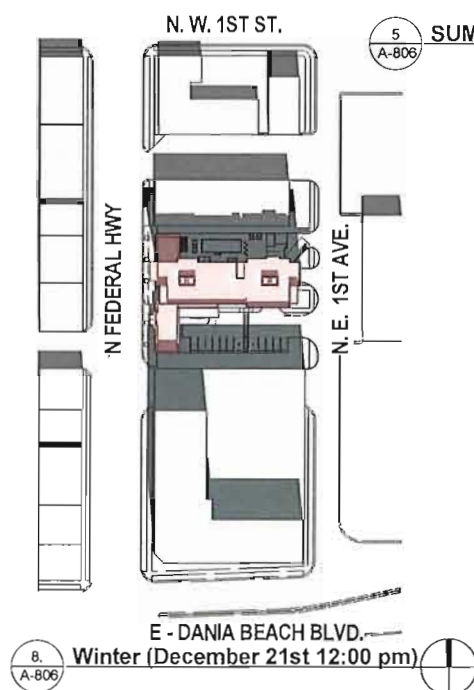
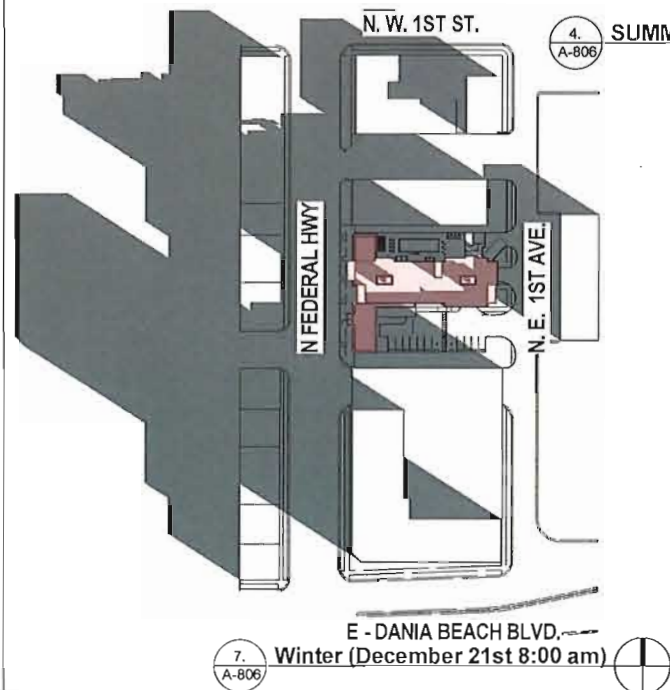
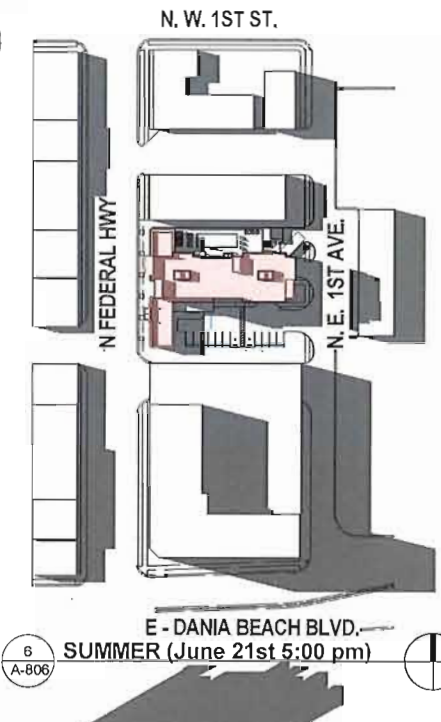
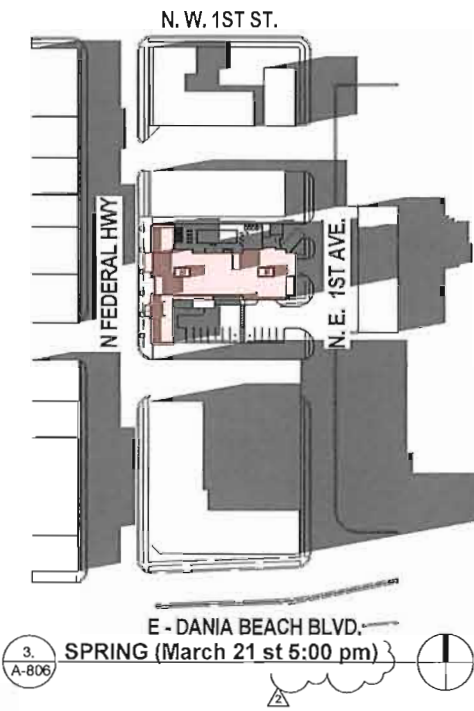
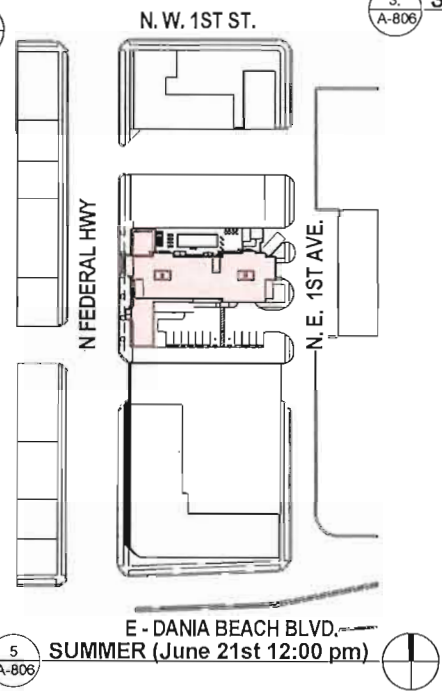
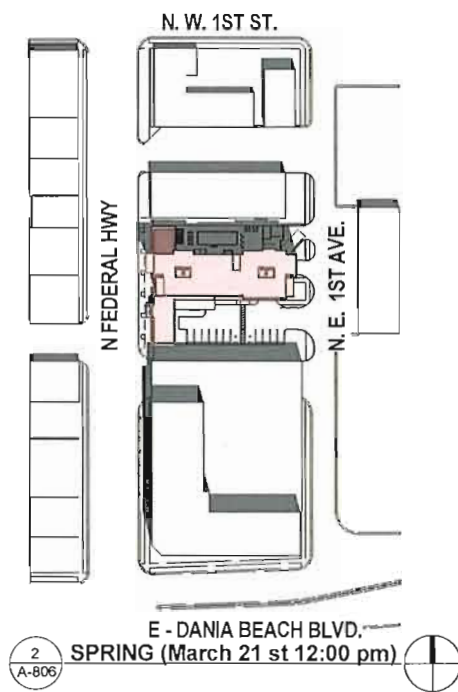
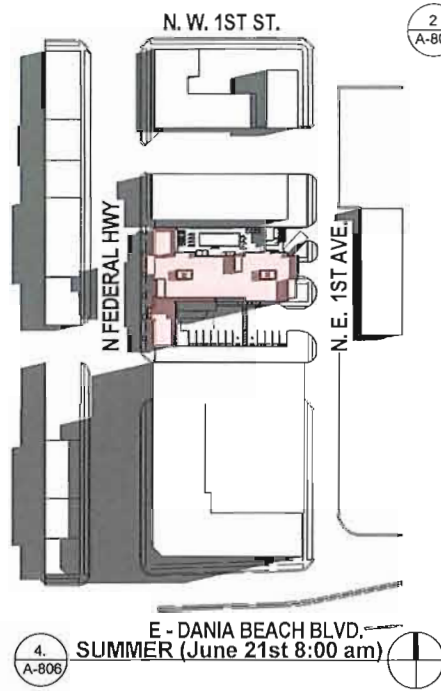
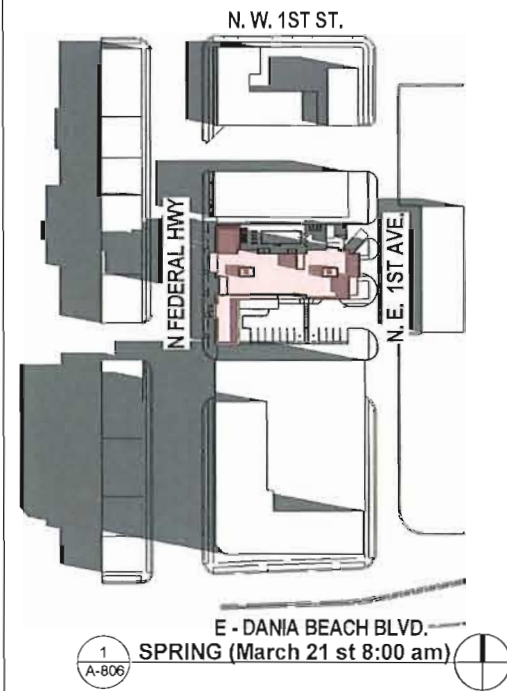
VIEW WITHIN VALET PARKING LOT



NORTHEAST VIEW AT VALET PARKING

VALET PARKING LOT

No.	DESCRIPTION	DATE
tru by HILTON TRU BY HILTON DANIA BEACH 24 N Federal Hwy, Dania Beach, FL 33004		
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STATE OF FLORIDA DAVID L. WALLACE, JR. ARCHITECT FL COA: AA26001254		
dllw ARCHITECTS 842 Douglas Avenue Dunedin, FL 34698 727.736.6000 www.dlwarchitects.com		
DRAWN ON EDIT DATE 6/1/2017 11:59:15 AM ISSUE DATE 07/06/2017 SCALE		
JOB NUMBER 16-003		
PROJECT STATUS SITE PLAN APPROVAL		
SHEET NAME RENDERINGS @ PARKING LOT		
SHEET NUMBER A-805		



No.	DESCRIPTION	DATE
2	SITE PLAN REV.	07-27-2017

TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



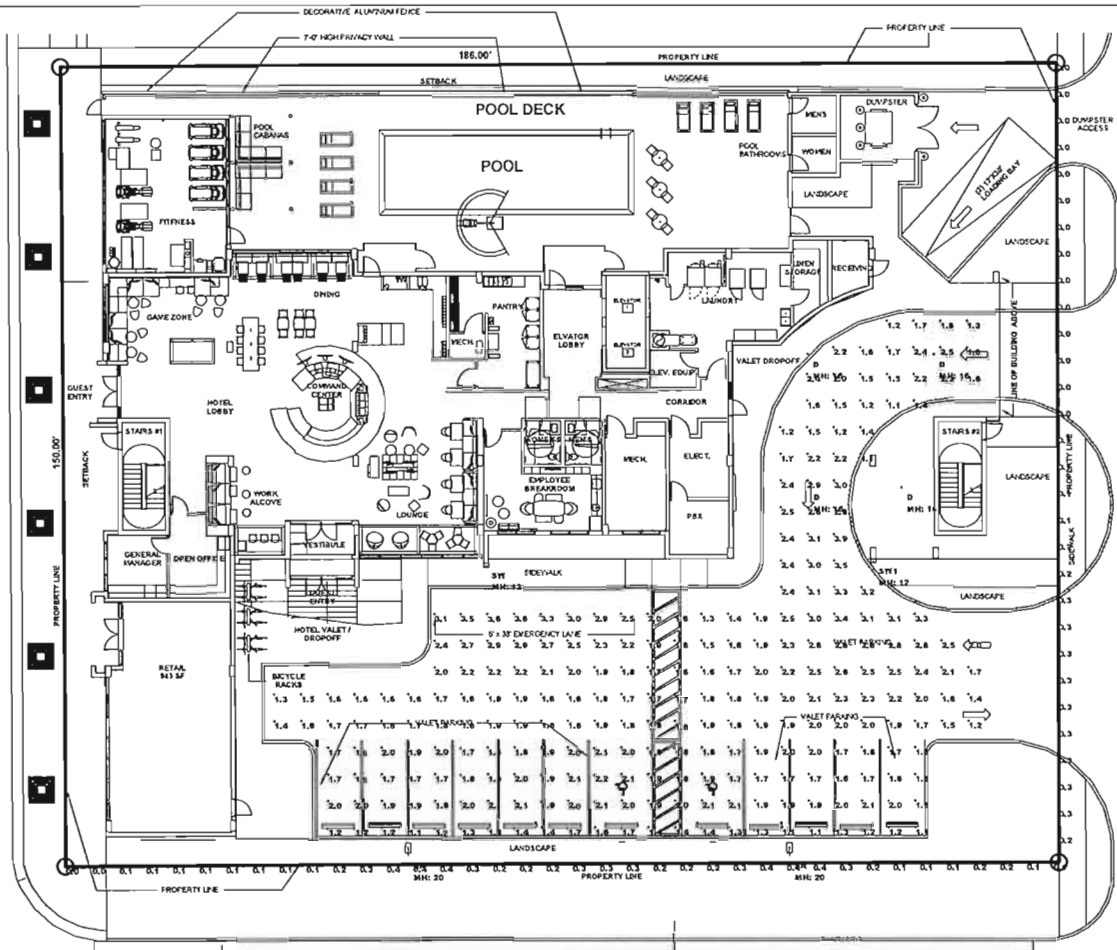
FL C.O.A. AA28001254



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ISSUE DATE	01/06/2017
SCALE	1:3
JOB NUMBER	15-0028
PROJECT STATUS	SITE PLAN APPROVAL
SHEET NAME	SHADOW STUDY

SHEET NUMBER
A-806

NORTH FEDERAL HIGHWAY

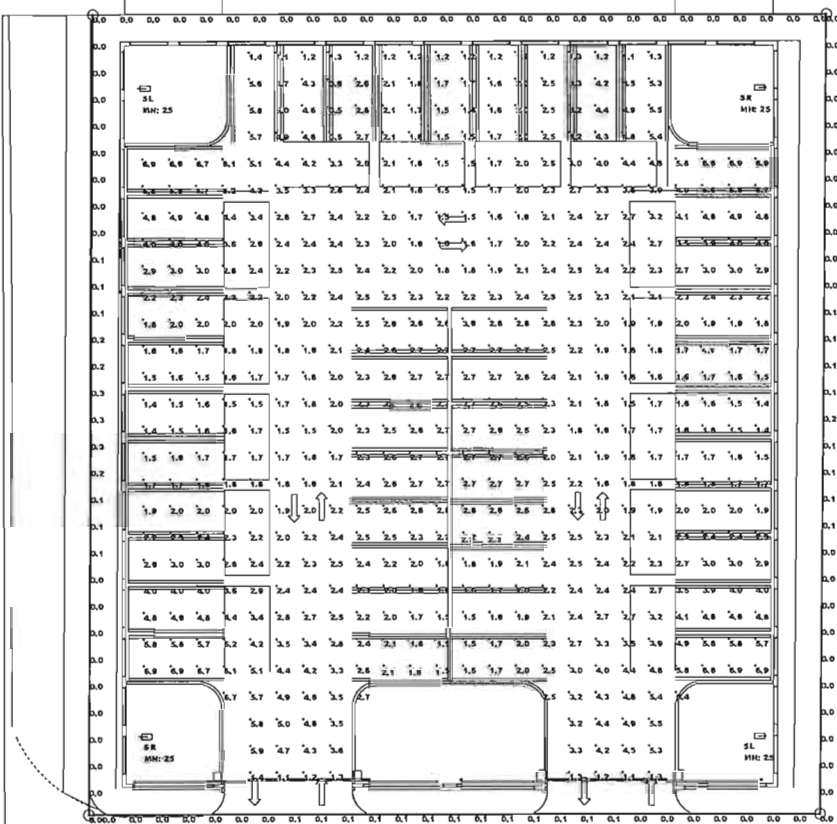


N.E. 1st AVENUE

Luminaire Schedule							
Project: TRU BY HILTON DANIA BEACH - SITE DANIA BEACH, FL 06/08/2017							
Symbol	Qty	Label	Manufacturer	Description	Lum. Lumens	LLF	Lum. Watts
+	4	D	Lithonia Lighting	LED 35/10 L344R L35 MH 16" RECESSED MOUNT A.F.F.	1067	0.855	12.58
□	2	SA	U.S. Architectural Lighting	REX-FLD-FY-FT-40LED-1050mA/NTM5-FLD MH 20" POLE MOUNT A.F.F.	8341	0.855	132.4
1	1	SW	U.S. Architectural Lighting	REX-TH1/1/1/20LED-525mA/NTM MH 12" WALL MOUNT A.F.F.	3535	0.855	32.8
+	1	SW1	U.S. Architectural Lighting	REX-TH1/1/1/20LED-525mA/NTM MH 12" WALL MOUNT A.F.F.	3535	0.855	32.8

Calculation Summary							
Project: TRU BY HILTON DANIA BEACH - SITE DANIA BEACH, FL 06/08/2017							
Label	CalcType	Units	Avg	Max	Min	Avg/Ftn	Max/Ftn
PARKING LOT & DROPOFF	Illuminance	Fc	1.87	3.9	1.1	1.79	3.55
PROPERTY LINE EAST	Illuminance	Fc	0.12	0.3	0.0	N.A.	N.A.
PROPERTY LINE SOUTH	Illuminance	Fc	0.21	0.4	0.0	N.A.	N.A.

1 LIGHTING PLAN @ HOTEL SITE
1/16" = 1'-0"



Luminaire Schedule							
Project: TRU BY HILTON DANIA BEACH - VALET PARKING DANIA BEACH, FL 06/06/2017							
Symbol	Qty	Label	Manufacturer	Description	Lum. Lumens	LLF	Lum. Watts
□	2	SL	Lithonia Lighting	DSX1 LED 800 1000 40K LCCD MVOLT MH 25' POLE MOUNT A.F.F.	18181	0.855	209
□	2	BR	Lithonia Lighting	DSX1 LED 800 1000 40K RCCD MVOLT MH 25' POLE MOUNT A.F.F.	18181	0.855	209

Calculation Summary							
Project: TRU BY HILTON DANIA BEACH - VALET PARKING DANIA BEACH, FL 06/06/2017							
Label	CalcType	Units	Avg	Max	Min	Avg/Ftn	Max/Ftn
PROPERTY LINE EAST	Illuminance	Fc	0.03	0.2	0.0	N.A.	N.A.
PROPERTY LINE NORTH	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.
PROPERTY LINE SOUTH	Illuminance	Fc	0.05	0.1	0.0	N.A.	N.A.
PROPERTY LINE WEST	Illuminance	Fc	0.07	0.3	0.0	N.A.	N.A.
VALET PARKING	Illuminance	Fc	2.74	8.8	1.1	2.69	8.27

2 LIGHTING PLAN @ PARKING LOT
1/16" = 1'-0"

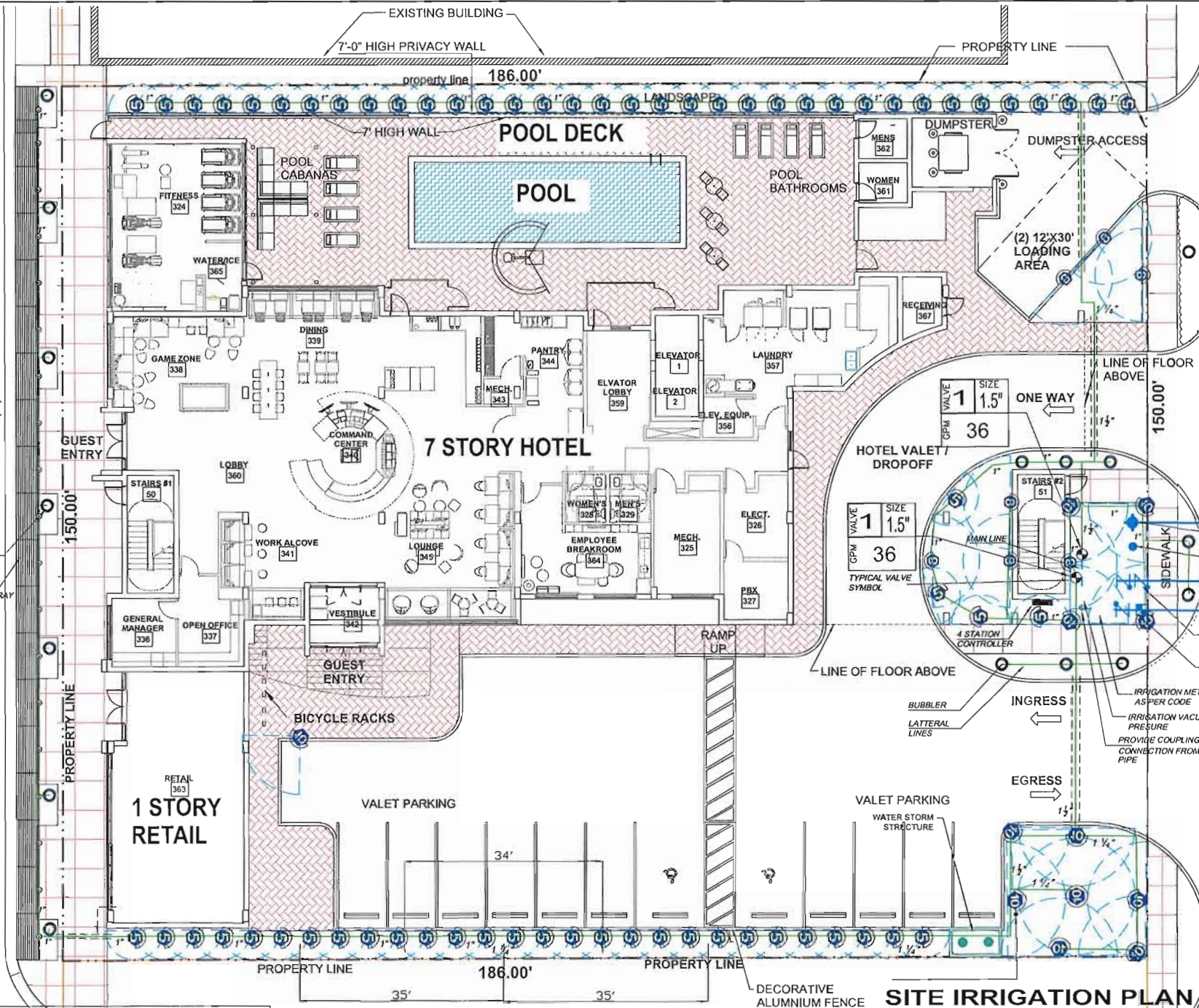
TRU BY HILTON DANIA
BEACH
24 N Federal Hwy, Dania
Beach, FL 33004



DRAWN
AUTOCAD
EDIT DATE
8/10/2017 12:00:23 PM
ISSUE DATE
07/06/17
SCALE
1/16" = 1'-0"
JOB NUMBER
15-0028
PROJECT STATUS
SITE PLAN APPROVAL
SHEET NAME
PHOTOMETRIC PLAN

NORTH FEDERAL HIGHWAY

50.0' R/W (P)
R/W VARIES (F)

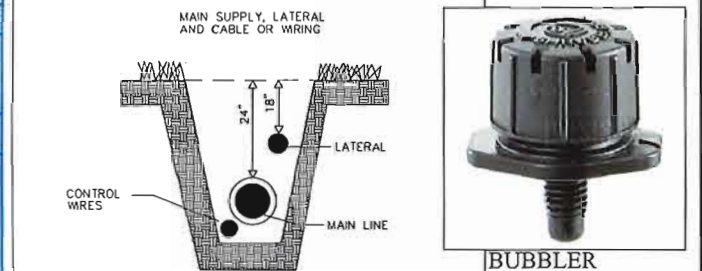


N.E. 1st AVENUE

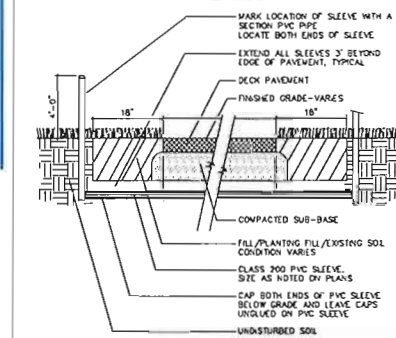
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
○ T H F	Rain Bird 1806 5 Series MPR Turf Spray 12' pop-up.	74
○ T H F	Rain Bird 1806 8 Series MPR Turf Spray 12' pop-up.	6
○ T H F	Rain Bird 1806 10 Series MPR Turf Spray 12' pop-up.	12
○	Rain Bird 1800-1300AF Flood Bubbler on fixed riser, with a PA-80 adapter.	15
■	Rain Bird 5Q HALF SQUARE PATTERN NOZZLE 4 FOOT THROW	12
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
○	Rain Bird PEB Electric Remote Control Valve	2
—	Irrigation Lateral Line: PVC Schedule 40	780 L.F.
—	Irrigation Mainline: PVC Schedule 40	25 L.F.
—	Pipe Sleeve: PVC Schedule 40	90 L.F.

THE ABOVE CHART IS A COURTESY. CONTRACTOR TO RE-CHECK QUANTITIES, AND IS ALLOWED TO MAKE THE NECESSARY CHANGES TO MAKE SURE SYSTEM IS OPERABLE. THAT INCLUDES LATERAL LINES, AND NUMBER OF HEADS. ALWAYS MAINTAINING THE 100% IRRIGATION COVERAGE.



TYPICAL TRENCHING NOT TO SCALE



SLEEVE UNDER PAVING NOT TO SCALE



1800 SERIES



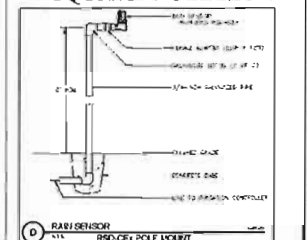
SQ HALF PATTERN SQUARE NOZZLES-4'



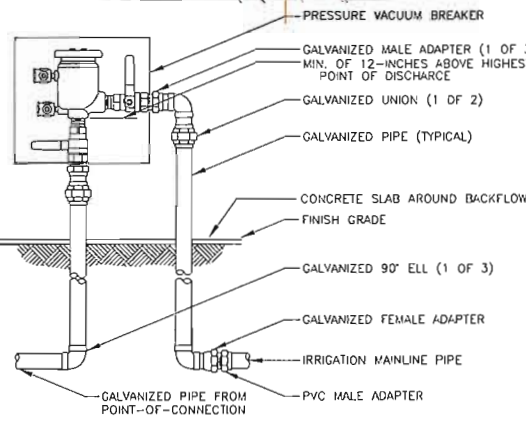
RAINBIRD CONTROLLER 4-STATIONS



VALVE COVER

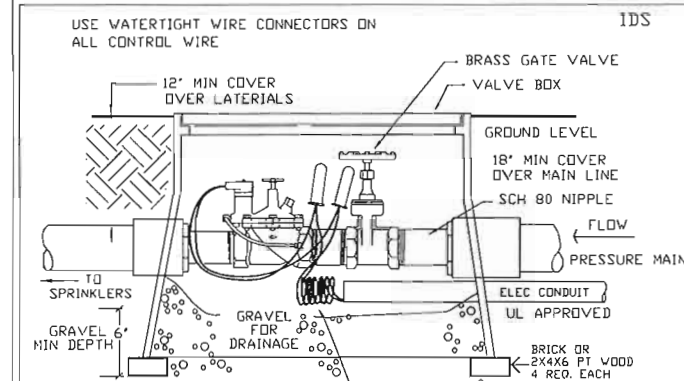


RAINBIRD FLEXPIPE

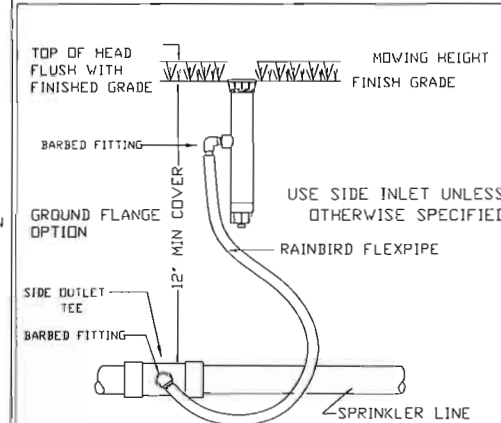


NOTE:
1. INSTALL BACKFLOW PREVENTER AS REQUIRED BY LOCAL CODES AND HEALTH DEPARTMENT. VERIFY LOCAL REQUIREMENTS PRIOR TO INSTALLATION.

PRESSURE VACUUM BREAKER



ELECTRIC REMOTE CONTROL VALVE WITH VALVE BOX



RAINBIRD

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Mariano Corral
Landscape Architect
Landscape Architecture
Golf Course Design
Land Planning
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SCALE:
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10-03-17-revisions
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SEAL:
REGISTERED LANDSCAPE ARCHITECT
LA 0666671
STATE OF
FLORIDA
LIC# LA 0666671

SHEET NUMBER:
IR-1
OF:

3601 SW 18th Court
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EXISTING 4" ALBIZIA LEBBECK INVASIVE IN NEIGHBOR'S PROPERTY

NEIGHBOR'S PROPERTY

RESIDENTIAL LOT

137'-6"

VALET PARKING

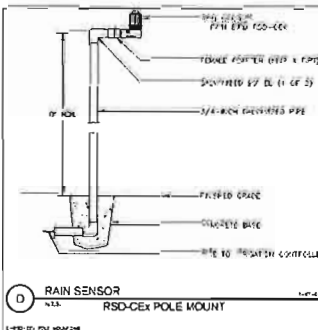
RESIDENTIAL LOT

REMOTE PARKING SITE IRRIGATION PLAN

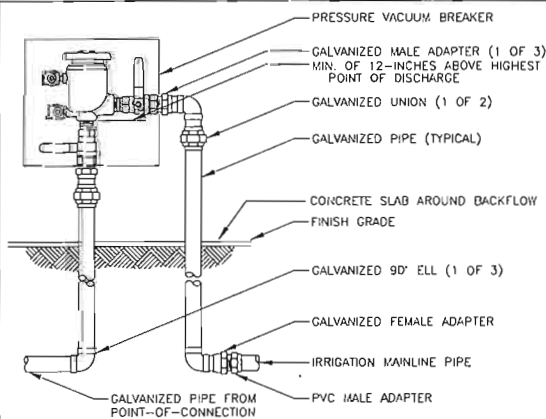
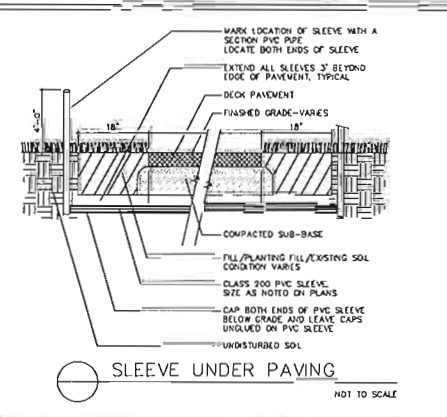
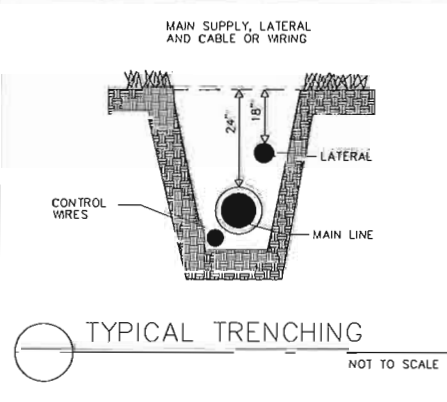
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird 1806 5 Series MPR Turf Spray 12" popup.	25
	Rain Bird 1806 8 Series MPR Turf Spray 12" popup.	34
	Rain Bird 1806 10 Series MPR Turf Spray 12" popup.	24
	Rain Bird 1800-1300AF Flood Flood Bubbler on fixed riser, with a PA-80 adapter.	0
	Rain Bird SQ HALF SQUARE PATTERN NOZZLE 4 FOOT THROW	0
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Rain Bird PEB Electric Remote Control Valve	2
	Irrigation Lateral Line: PVC Schedule 40	710 I.F.
	Irrigation Mainline: PVC Schedule 40	80 I.F.
	Pipe Sleeve: PVC Schedule 40 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	55 I.F.

THE ABOVE CHART IS A COURTESY- CONTRACTOR TO RE-CHECK QUANTITIES, AND IS ALLOWED TO MAKE THE NECESSARY CHANGES TO MAKE SURE SYSTEM IS OPERABLE. THAT INCLUDES LATERAL LINES, AND NUMBER OF HEADS. ALWAYS MAINTAINING THE 100% IRRIGATION COVERAGE.

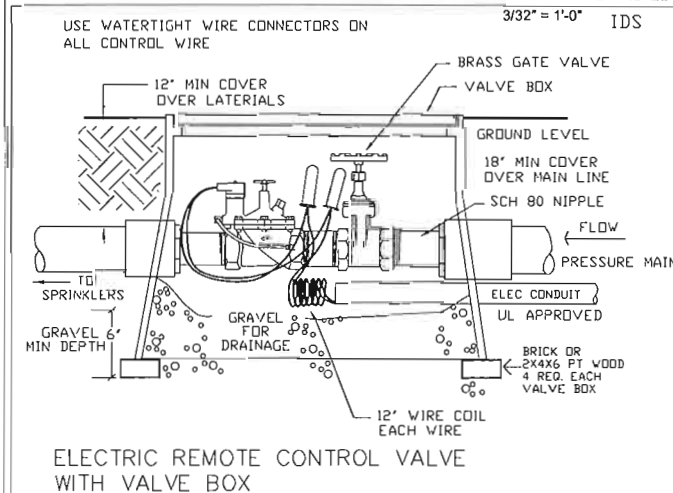


1800 SERIES

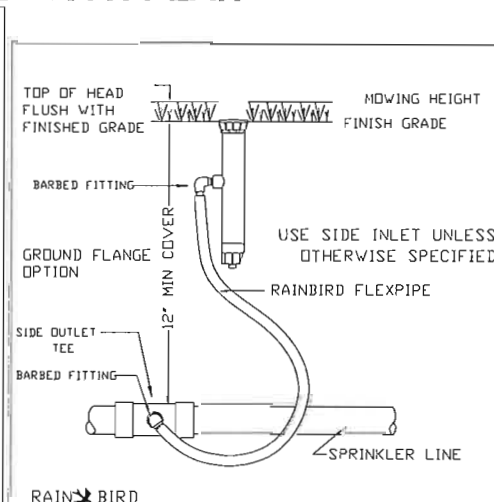


NOTE:
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PRESSURE VACUUM BREAKER



ELECTRIC REMOTE CONTROL VALVE WITH VALVE BOX



RAIN BIRD



RAINBIRD CONTROLLER 4-STATIONS



VALVE COVER

Mariano Corral

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EMAIL: rui@marianocorral.com



EXAL: marianocorral@comcast.net

EXISTING 4" ALBIZIA LEBBECK INVASIVE IN NEIGHBOR'S PROPERTY

EXISTING 30" BLACK OLIVE IN NEIGHBOR'S PROPERTY

RESIDENTIAL LOT

137'-6"

ALL TREES SHALL BE REMOVED. PLEASE SEE ARBORIST REPORT

VALET PARKING

15' ALLEY

REMOTE PARKING TREE DISPOSITION PLAN

3/32" = 1'-0"

Trunk Formula Method Values

Tree #	Common Name	Cond.	Hgt (ft)	Cpy Spr (ft)	DBH (in.)	Site	Contrl.	Plmnt	Loch	Species Rtg	Repl trunk diam (in)	Repl trunk area (in)	Repl cost	Install cost	Total Replacement Cost	Unit Tree Cost	Appr Trunk Area (in)	Appr Trunk Increase	Basic Tree Cost	Appr Value
4	Avocado	53%	23	30	26	0.4	0.2	0.6	0.4	0.8	4	13	\$ 250.00	\$ 250.00	\$ 500.00	\$ 39.79	531	\$18	\$ 21,127.82	\$ 3,590
5	Avocado	44%	30	39	28	0.4	0.2	0.6	0.4	0.8	4	13	\$ 250.00	\$ 250.00	\$ 500.00	\$ 39.79	616	\$63	\$ 24,500.00	\$ 3,430
8	Royal Poincenna	59%	25	48	23	0.4	0.4	0.5	0.4	0.8	4	13	\$ 300.00	\$ 300.00	\$ 600.00	\$ 47.75	415	\$403	\$ 19,837.50	\$ 4,080

FROM ARBORIST REPORT

Total Possible		Total Possible		Palm Tree						4		4		4		4		4		20		32		Palm Tree	

7216 SQ FT OF CANOPY REMOVAL / 300 = 24 TREES TO BE PLACE ON SITE, OR AT ANOTHER SITE OR MONEY TO TREE TRUST FUND TO BE DETERMINE BY CITY.

		Condition Rating											
Total Possible		4	4	4	4					4		20	Palm
		4	4	4	4	4	4		4	4		32	Tree
		Roots		Trunk		Scaffold Branches		Small Branches & Twigs	Foliage and/or buds	4=healthy 1=poor			
Tree #	Common Name	Structure	Health	Structure	Health	Structure	Health	Health	Health	Subtotal		Factor / Rating	
1	Lebeck Tree	3	3	1	2	2	2	3	2	18		56%	
2	stump unknown									0		0%	
3	Sabal Palm	3	3	3	3				3	15		75%	
4	Avocado	3	1	2	1	2	2	3	3	17		53%	
5	Avocado	2	1	1	1	2	1	3	3	14		44%	
6	Royal Palm	2	2	3	3				3	13		65%	
7	yucca	2	3	3	3	3	3	3	3	23		72%	
8	Royal Poincenna	3	2	3	2	3	2	2	2	19		59%	
9	Hong Kong Orchid	2	2	2	1	3	2	2	2	16		50%	
10	Hong Kong Orchid	3	2	3	2	2	3	2	3	20		63%	

The Santiago Group, LLC

thesantiagogroup.com
www.thesantiagogroup.com
5600 N. 1st Ave., Fort Lauderdale, FL 33308
Office 954-977-4007, Cell 954-977-4008
June 13, 2017

Re: Tree Assessment Report for the proposed parking site on NE 1st Court in Dania Beach, FL
Prepared by: Erin Santiago, ISA Certified Arborist FL-5705A

ISA Certified Arborist Erin Santiago FL-5705A of The Santiago Group, LLC visited the site on June 9, 2017 to observe and assess existing trees. Assessments were made by visual observation at grade. Site survey was provided by the Landscape Architect and was numbered by the Arborist. See Appendix A for tree locations and numbers. Please refer to the TD Plan for proposed actions/dispositions (remove, relocate, or remove).

The sizes of the individual trees were measured as diameter at breast height (DBH), breast height being 4.5 feet above ground. Diameter tape was used to collect DBH data. The diameter of the canopy spread was recorded using a measuring wheel. The condition rating of the trees was calculated by rating various attributes of the tree. Ratings include the health of the small branches, twigs, and foliage and/or buds, and rating both the health and structure of the roots, trunk, and scaffold branches. The tree ratings of the component attributes were tallied and then divided by total possible points to obtain a condition rating. See Appendix B for the Condition Assessment Worksheet detailing the rating for each component.

This report also describes the aforementioned trees on site which are of specimen size according to code, includes pictures, and appraisal values. These trees will have DBH values of 18 inches or greater. Values for these trees were calculated utilizing methodology described in the Guide for Plant Appraisal, 2007 Edition. The Trunk Formula Method was utilized for trees and the replacement method was used for palms. Each field for trees in the matrix row corresponds with the fields in the Trunk formula Method worksheet. Adjusted trunk areas from table 1.4 in the Guide for Plant Appraisal, 2007 Edition were used for trees with a DBH greater than 30". See Appendix C for the Appraisal Value Matrix and copy of worksheets. See Appendix D for Specimen Pictures.

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DN: cn=US, E=marianocorral@comcast.net, O=Register Landscape Architects-LA5666671, OU=State of Florida, C=US, cn=Mariano Corral
Location: Miami, Florida
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Date: 2017.08.02 18:02:31 -0400

Mariano Corral

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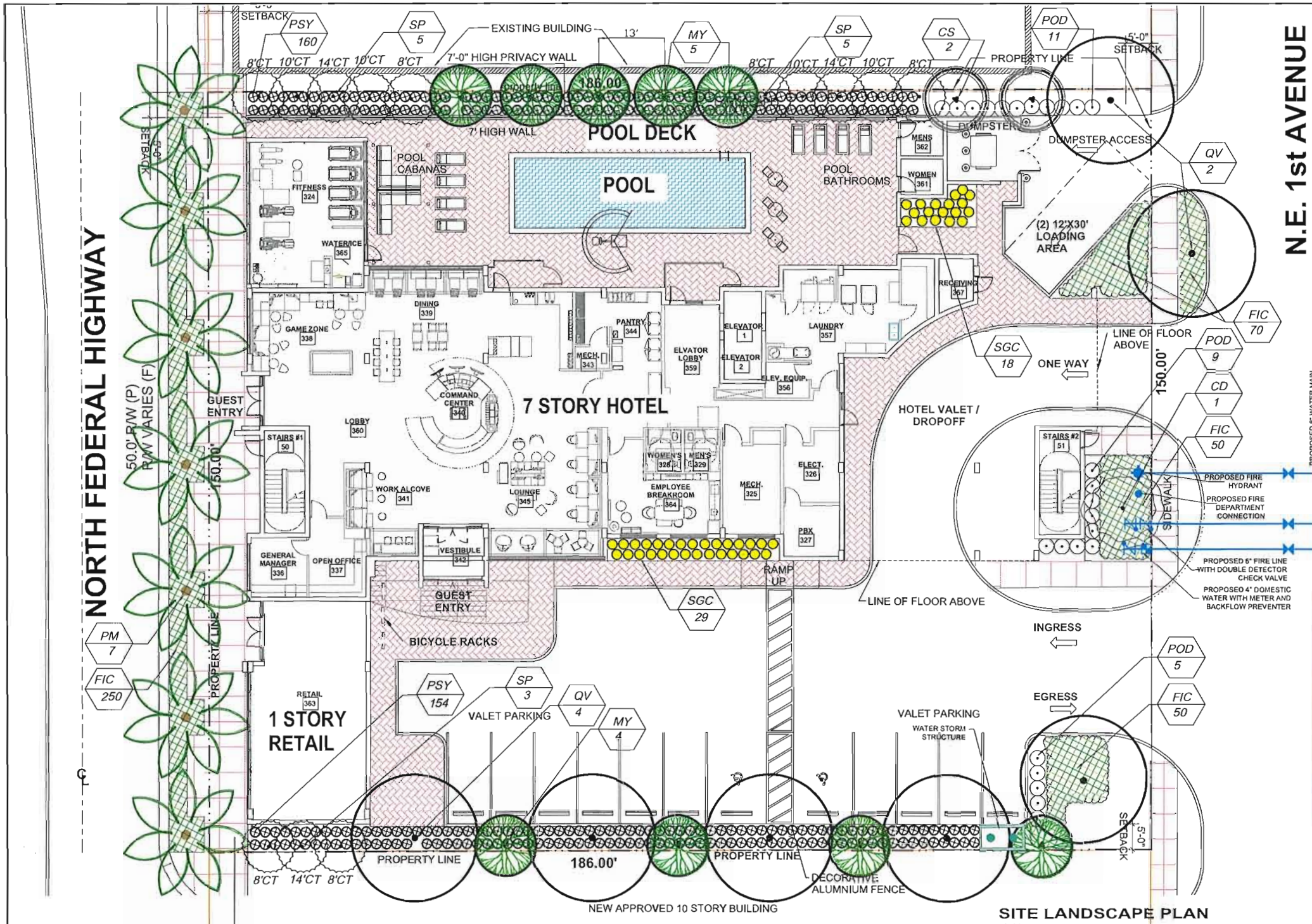
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Dania Beach, Florida

tru
by HILTON
ARCHITECTS

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Dana L. Williams
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Dania Beach, FL 33468
727.335.0020
www.dlwarchitects.com
Established 1981

SCALE:
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PROJECT NUMBER
122016-4H
DATE:
05-04-17
REVISIONS:
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as per City Arborists
SEAL:
REGISTERED LANDSCAPE ARCHITECT
MARIANO CORRAL
LA 566671
STATE OF
FLORIDA
LIC # LA 666671

SHEET NUMBER:
LD-2
OF:
2018 SV 109 Coven
Miami, Florida 33134
OFF: (305) 331-1242
FAX: (305) 331-4144
EMAIL: mcorral@comcast.net



N.E. 1st AVENUE



(PM) MEDJOOL DATE PALM



(MY) SIMPSON STOPPER



(CS) SILVER BUTTONWOOD



(CD) PIDGEON PLUM TREE



(SP) SABAL PALM



(QV) LIVE OAK



(FIG) GREEN ISLAND FICUS



(PSY) WILD COFFEE



(SGC) DWARF SCHEFFLERA



(POD) PODOCARPUS

PLANT LIST FOR TRU DANIA BEACH												
KEY	QUANT.	BOTANICAL NAMES/ COMMON NAMES		HGT	SPR	CALIPER	TYPE	FLOWERS	XERISCAPE REQ. TOLERANCE		REMARKS	
						DBH HGT.	L, M, F, S	FRUIT	SALT	DROUGHT		
NATIVE PLANTS -TREES and PALMS												
CD	1	Coccoloba diversifolia / Pidgeon Plum Tree-Native		14'	6'	2"	Medium		HIGH	MED. LOW	FLORIDA # 1 MATERIAL	
CS	2	Conocarpus e. SERICEUS / Silver Buttonwood		12'	5'	2"	Small		HIGH	HIGH	Upright growth-Slow Grower	
MY	9	Myrcianthes fragrans / Simpson Stopper-Native		12'	5'	1 1/2"	Small	white	Medium	MEDIUM	Excellent tree for small spaces	
SP	13	Sabal palmetto / Cabbage Palm		6' to 14' CT			Palm		High	High	Native tree for tight spaces and urban street tree SEE PLAN FOR STAGGERED HEIGHTS	
QV	7	Quercus virginiana / Live Oak		16'	8'	3 1/2"	Large shade		HIGH	HIGH		
	32	SUB TOTAL TREES										
NON NATIVES TREES and PALMS												
PM	7	Phoenix dactylifera MEDJOOL / Medjool Date Palm		24'	20'	16"	PALM		HIGH	HIGH	12' CLEAR TRUNK - Slow-MEDIUM Growing	
	7	TOTAL TREES										
KEY	QUANT.	BOTANICAL NAMES/ COMMON NAMES		HGT	SPR	Spacing	TEXTURE	Flowers	XERISCAPE REQ. TOLERANCE		REMARKS	
						OC	Coarse, Fine or Medium	Or Fruit	SALT	DROUGHT		
NATIVE PLANTS - SHRUBS and GROUND COVERS												
PSY	314	Psychotria nervosa / Wild Coffee		24"	18"	24" oc	Medium	Edible Fruit	HIGH	HIGH	FLORIDA # 1 MATERIAL	
	314	TOTAL NATIVE SHRUBS										Excellent native shrubs for Shady areas
NON NATIVES SHRUBS and GROUND COVERS												
FIC	396	Ficus microcarpa / Green Island Ficus		20"	18"	24" oc	Coarse		High	HIGH	fast grower fills in nicely in parking lot islands	
POD	25	Podocarpus macrophylla / Japanese Yew		30"	24"	30" OC	Med-Fine		MEDIUM	HIGH	Excellent Fine Textured Hedge	
SGC	47	Schefflera arboricola "Gold capella" / Dwarf Gold Schefflera		24"	20"	24" OC	Medium	Yellow	Medium	HIGH	Drought tolerant Plant	
	468	Total shrubs										

SEE ARBORIST REPORT FOR EXISTING TREES.

Tru Hotel Landscape Requirements
24 NORTH FEDERAL HIGHWAY
Dania Beach, Florida

Site Plan Submitted for review 7/5/2017

LANDSCAPE CODE	Code Requirement	Area VUA SQ. FT.	Area GREEN	Site Required	Provided	Comments
Sec. 275-90-100 VUA	1 tree/ 30 linear ft	7129.89	1593.33			
Sec. 275-120 buffer commercial	1 tree/ 40ft	1593.33 / 7129.89 = 23%	1 / 200 SQ FT. = 1593 / 200=	8	10	11 TREES 138ft of VUA along public right-of-way 13 Sabal Palms 2 Silver Buttonwoods 10 Simpson Stoppers 4 Live Oak Trees

FEDERAL HIGHWAY TREES ON RW
1st AVENUE STREET TREES

11 TREES 138ft of VUA along public right-of-way	13 Sabal Palms	2 Silver Buttonwoods	10 Simpson Stoppers	4 Live Oak Trees	7 Sylvester Palm Trees	3 Live Oak Trees	1 Pigeon Plum
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DN: cn=US,
E=marianocorral@comcast.net,
O=Register Landscapes
Architects-LA666671, OU=State of
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EMAIL: mcorral@comcast.net

EXISTING 4" ALBIZIA LEBBECK IN NEIGHBOR'S PROPERTY

EXISTING 30" BLACK OLIVE IN NEIGHBOR'S PROPERTY

RESIDENTIAL LOT

ALL TREES SHALL BE REMOVED. PLEASE SEE ARBORIST REPORT

VALET PARKING

RESIDENTIAL LOT

REMOTE PARKING SITE LANDSCAPE PLAN

15' ALLEY

REMOTE PARKING PROPOSE TREE PHOTOS



(CSG) GREEN BUTTONWOOD HEDGE



(QV) LIVE OAK



(CS) SILVER BUTTONWOOD



(FIG) GREEN ISLAND FICUS

Tru Hotel Landscape Requirements
24 NORTH FEDERAL HIGHWAY
Dania Beach, Florida

Site Plan Submitted for review 7/5/2017
REMOTE PARKING AREA

Landscape Code	Code Requirement	Area / green	Site Required	Provided	Comments:
Sec. 275-90-100 VUA	1 tree / 30 linear ft or 1 tree / 200 sq ft.	15996 / 3601 1996.15 / 15996= 22.5%	10.00		10 New Live oak trees

Sec. 275-120 buffer commercial	1 tree / 40ft	574 FT / 40	15		15 Category 1 Shade 19 Live Oak Trees 24 Silver Buttonwoods 240 Green buttonwood Hedge
--------------------------------	---------------	-------------	----	--	---

PLANT LIST FOR TRU DANIA BEACH- PARKING LOT

KEY	QUANT.	BOTANICAL NAMES/ COMMON NAMES	HGT	SPR	CALIPER	TYPE	FLOWERS	XERISCAPE REQ. TOLERANCE		REMARKS
								SALT	DROUGHT	
NATIVE PLANTS -TREES and PALMS								HIGH, MED. LOW	FLORIDA # 1 MATERIAL	
CS	24	Conocarpus e. SERICEUS / Silver Buttonwood	12'	5'	2"	Small		HIGH	HIGH	Excellent tree for small spaces
QV	19	Quercus virginiana / Live Oak	14'	8'	3 1/2"	Large shade		HIGH	HIGH	
	43	SUB TOTAL TREES								
KEY	QUANT.	BOTANICAL NAMES/ COMMON NAMES	HGT	SPR	Spacing	TEXTURE	Flowers	XERISCAPE REQ. TOLERANCE		REMARKS
					OC	Coarse, Fine or Medium	Or Fruit	SALT	DROUGHT	FLORIDA # 1 MATERIAL
CSG	240	Conocarpus erectus / Green Buttonwood	36"	24"	24"oc	Medium	Edible Fruit	HIGH	HIGH	Excellent Native shrub for screening
	240	TOTAL NATIVE SHRUBS								
NON NATIVES SHRUBS and GROUND COVERS										
FIC	180	Ficus microcarpa / Green Island Ficus	20"	18"	24" oc	Coarse		High	HIGH	fast grower fills in nicely in parking lot islands
	180	Total shrubs								

Mariano Corral

Digitally signed by Mariano Corral
DN: C=US,
E=marianocorral@comcast.net,
O=Register Landscape
Architect-LA666671, OU=State
of Florida, CN=Mariano Corral
Location: Miami, Florida
Reason: I attest to the accuracy
and integrity of this document.
Date: 2017.08.07 08:15:16-0400



HILTON TRU HOTEL
DANIA BEACH
24 NORTH FEDERAL HIGHWAY
Dania Beach, Florida



SCALE:
AS SHOWN
PROJECT NUMBER
122016-4H
DATE:
05-04-17

REVISIONS:
07-05-17-4th Submittal
08-03-17-5th Submittal
10-03-17-revisions
as per City Arborists



SHEET NUMBER:
LP-2
OF:
3001 SW 199 Court
Dania Beach, Florida 33493
Cell: (954) 551-1343
Fax: (954) 278-1134
EMAIL: marianocorral@comcast.net

TRU BY HILTON DANIA BEACH

CITY OF DANIA BEACH BROWARD COUNTY, FLORIDA

LEGAL DESCRIPTION:

LOTS 9 THROUGH 14, BLOCK 12, TOWN OF MODELO (NOW DANIA BEACH) ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 8, PAGE 49, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; SAID LANDS SITUATE, LYING AND BEING IN BROWARD COUNTY FLORIDA, LESS THE WEST 24 FEET OF SAID LOTS 10, 11 AND 14 WHICH HAVE BEEN HERETOFORECONVEYED TO THE STATE OF FLORIDA FOR HIGHWAY PURPOSES.

OFF-SITE DESCRIPTION:

LOT 1,2,AND 3, BLOCK 5, "BEACHWAY", ACCORDING TO PLAT THEREOF AS RECORDED IN PLAT BOOK 8, PAGE 33, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.SAID LAND SITUATED IN THE CITY OF DANIA BEACH

SITE ADDRESS:

24 NORTH FEDERAL HIGHWAY
DANIA BEACH, FL 33004

OFF-SITE ADDRESS:

14 NE 1ST CT
DANIA BEACH, FL 33004

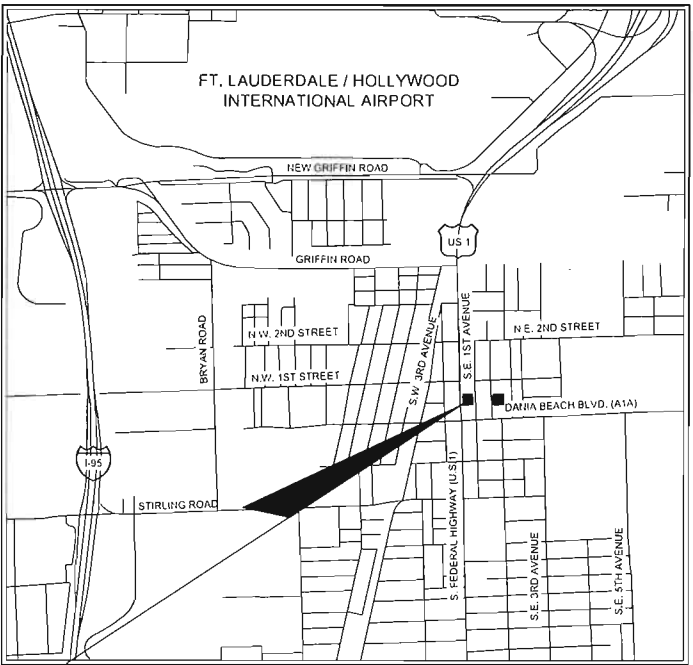
PROJECTED WATER & SEWER DEMAND:

WATER:
115 HOTEL UNITS x 94 GPD/UNIT = 10,810 GPD

SEWER:
115 HOTEL UNITS x 77 GPD/UNIT = 8,855 GPD

DATA ABOVE OBTAINED / EXTRACTED FROM BROWARD COUNTY WATER AND WASTEWATER ENGINEERING DIVISION GUIDELINES FOR DETERMINING ABILITY TO PROVIDE POTABLE WATER AND WASTEWATER SERVICE DATED APRIL 2, 2012

VERTICAL INFORMATION HEREON IS RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM (NAVD88).



PROJECT LOCATION LOCATION MAP
SECTION 34, TOWNSHIP 50 SOUTH, RANGE 42 EAST

SHEET INDEX		
SHEET NO.	DESCRIPTION	REV
C-1	COVER SHEET	
C-2	GENERAL NOTES & SPECIFICATIONS	
C-3	DEMOLITION PLAN	
C-4	PAVING, GRADING & DRAINAGE PLAN	
C-5	WATER AND SEWER PLAN	
C-6	PAVEMENT MARKING AND SIGNAGE PLAN	
C-7	EROSION CONTROL PLAN	
C-8	PAVING AND DRAINAGE DETAILS 1	
C-9	PAVING AND DRAINAGE DETAILS 2	
C-10	WATER AND SEWER DETAILS 1	
C-11	WATER AND SEWER DETAILS 2	
C-12	WATER AND SEWER DETAILS 3	
C-13	WATER AND SEWER DETAILS 4	

OFF-SITE PARKING LOT PLANS		
SHEET NO.	DESCRIPTION	REV
C-14	OFF-SITE DEMOLITION PLAN	
C-15	OFF-SITE PAVING GRADING AND DRAINAGE	
C-16	OFF-SITE EROSION CONTROL PLAN	
C-17	OFF-SITE PAVING MARKING AND SIGNAGE PLAN	
C-18	OFF-SITE CROSS SECTIONS	

PREPARED FOR:

DANIA AIRPORT HOTELS, LLC

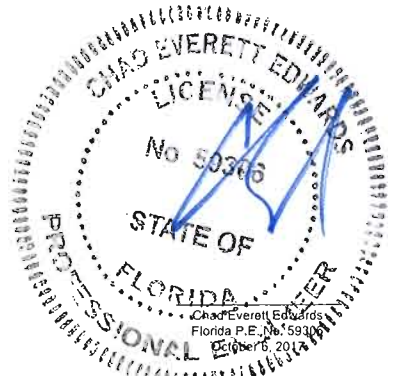


CrAVEN • THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS

3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL.: (954) 739-6400

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. CC00114

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SHEET C-1
JULY 2017

CTA PROJECT NUMBER: 16-0094-001-01

I. APPLICABLE CODES

- A. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO CITY STANDARDS AND SPECIFICATIONS, AND ALL OTHER LOCAL, STATE AND NATIONAL CODES WHERE APPLICABLE. ALL CONSTRUCTION WITHIN FOOT ROW SHALL BE CONSTRUCTED PER FOOT MINIMUM STANDARDS. ALL CONSTRUCTION WITHIN BROWARD COUNTY ROW SHALL BE CONSTRUCTED PER BROWARD COUNTY MINIMUM STANDARDS.
- B. ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER AND IN STRICT COMPLIANCE WITH ALL THE REQUIREMENTS OF FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970, AND ALL STATE AND LOCAL SAFETY AND HEALTH REGULATIONS.
- C. ALL ELEVATIONS SHOWN ON THE CONSTRUCTION DRAWINGS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1938 (N.A.V.D.) UNLESS OTHERWISE NOTED.
- D. ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO CITY, BROWARD COUNTY AND/OR FOOT SPECIFICATIONS (WHICHEVER APPLIES).
- E. CITY, BROWARD COUNTY AND/OR FOOT SPECIFICATIONS SHALL DICTATE WHEN IN CONFLICT WITH ANY OF THE FOLLOWING SPECIFICATIONS.
- F. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH THE STATE OF FLORIDA TRENCH SAFETY ACT.

II. PRECONSTRUCTION RESPONSIBILITIES

- A. UPON THE RECEIPT OF THE NOTICE TO PROCEED, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AND ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, UTILITY OWNERS, THE OWNER AND THE ENGINEER OF RECORD.
- B. THE CONTRACTOR SHALL OBTAIN A SUNSHINE STATE ONE CALL OF FLORIDA CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION. CALL 1-800-432-4770.
- C. ALL UTILITY EASEMENTS TO BE SECURED PRIOR TO CONSTRUCTION (IF REQUIRED).
- D. LOCATION OF EXISTING FACILITIES AS SHOWN ON CONSTRUCTION DRAWINGS ARE DRAWN FROM AVAILABLE RECORDS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE FACILITIES SHOWN OR FOR ANY FACILITY NOT SHOWN. THE CONTRACTOR SHALL VERIFY, IF POSSIBLE, THE ELEVATIONS AND LOCATIONS OF EXISTING FACILITIES PRIOR TO CONSTRUCTION. IF AN EXISTING FACILITY IS FOUND TO CONFLICT WITH THE PROPOSED CONSTRUCTION UPON EXCAVATION, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF RECORD SO THAT APPROPRIATE MEASURES CAN BE TAKEN TO RESOLVE THE PROBLEM.
- E. A SEPARATE CALCULATED SITE PLAN WILL BE REQUIRED PRIOR TO CONSTRUCTION TO VERIFY PROPOSED BUILDING, CURB, AND SITE WORK LOCATIONS.
- F. AT LEAST TWO (2) DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT A CGP NOTICE OF INTENT (NOI) TO USE GENERAL PERMIT FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES THAT DISTURB AN ACRE OR MORE OF LAND FORM (DEP FORM 62-621.300(4)(B)) TO FDP NOTICES CENTER. THE CONTRACTOR WILL BE RESPONSIBLE FOR: (1) IMPLEMENTATION OF A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) THAT IS REQUIRED TO BE DEVELOPED PRIOR TO THE NOI, SUBMITTAL AND (2) RETENTION OF RECORDS REQUIRED BY THE PERMIT, INCLUDING RETENTION OF A COPY OF THE SWPPP AT THE CONSTRUCTION SITE FROM THE DATE OF PROJECT INITIATION TO THE DATE OF FINAL SITE STABILIZATION. A NOTICE OF TERMINATION (NO.T.) OF GENERIC PERMIT COVERAGE FORM (DEP FORM 62-621.300(6)) MUST BE SUBMITTED TO FDP TO DISCONTINUE PERMIT COVERAGE SUBSEQUENT TO COMPLETION OF CONSTRUCTION, FOR ADDITIONAL INFORMATION SEE FDP WEBSITE: <http://www.dep.state.fl.us/water/stormwater/permits>. CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE A SWPPP AND SUBMIT TO THE ENGINEER FOR APPROVAL AND COMPLY WITH ALL PROVISIONS OF CHAPTER 62-621.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED DOWATERING PERMITS AND TREE REMOVAL/RELOCATION PERMITS.

III. INSPECTIONS

- A. THE CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEERING DEPARTMENT, BROWARD COUNTY, THE ENGINEER OF RECORD, FOOT, AND ANY OTHER GOVERNMENTAL AGENCIES HAVING JURISDICTION AT LEAST 24 HOURS PRIOR TO BEGINNING CONSTRUCTION AND PRIOR TO THE INSPECTION OF THE FOLLOWING ITEMS, WHERE APPLICABLE:

1. CLEARING AND FILLING
2. STORM DRAINAGE SYSTEM
3. SANITARY SEWER SYSTEM
4. WATER DISTRIBUTION SYSTEM
5. SUBGRADE
6. LIMEROCK BASE
7. ASPHALTIC CONCRETE / PAVEMENT BRICK COURSE
8. SIDEWALK
9. FINAL

IV. SHOP DRAWINGS

- A. PRIOR TO THEIR CONSTRUCTION OR INSTALLATION, SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ENGINEER OF RECORD FOR: SANITARY MANHOLES, STORM DRAIN MANHOLES, CATCH BASINS, FIRE HYDRANTS, PIPING, VALVES AND ALL REQUIRED ACCESSORIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL OTHER AGENCY APPROVALS IF REQUIRED.

V. TEMPORARY FACILITIES

- A. TEMPORARY FACILITIES
1. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES, TELEPHONE SERVICE AND ELECTRICITY.
- B. TRAFFIC REGULATION
1. MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHTS-OF-WAY SHALL BE IN ACCORDANCE WITH H.U.T.C.D.
 2. ALL OPEN TRENCHES AND HOLES ADJACENT TO ROADWAYS OR WALKWAYS SHALL BE PROPERLY MARKED AND BARRICADED TO ASSURE THE SAFETY OF BOTH VEHICULAR AND PEDESTRIAN TRAFFIC.
 3. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN DURING NIGHTTIME HOURS WITHOUT EXPRESS PERMISSION OF THE CITY.
 4. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR FOR ANY NECESSARY CONSTRUCTION, PAVEMENT MARKING AND SIGNAGE OR ANY PEDESTRIAN SIGNALIZATION AND/OR SIGNAL MODIFICATION TO ACCOMMODATE AN ALTERNATE SAFE WALK ROUTE.

VI. WATER DISTRIBUTION SYSTEM

- A. CITY STANDARDS AND SPECIFICATIONS SHALL GOVERN & SUPERCEDE ALL OTHER REQUIREMENTS FOR WATER MAIN CONSTRUCTION.
- B. SEPARATION OF WATER AND SEWER MAINS
1. SANITARY SEWERS, STORM SEWERS, AND FORCE MAINS SHOULD CROSS UNDER WATER MAINS WHENEVER POSSIBLE. SANITARY SEWERS, STORM 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.
 2. WHERE SANITARY SEWERS, STORM SEWERS, OR FORCE MAINS MUST CROSS A WATER MAIN WITH LESS THAN 18 INCHES VERTICAL DISTANCE, BOTH THE SEWER AND THE WATER MAIN SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE (DIP) AT THE CROSSING. SUFFICIENT LENGTHS OF DIP 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.
 3. ALL CROSSING SHALL BE ARRANGED SO THAT THE SEWER PIPE JOINTS AND THE WATER MAIN PIPE JOINTS ARE EQUIDISTANT FROM THE POINT OF CROSSING (PIPES CENTERED ON THE CROSSING).
 4. WHERE A NEW PIPE CONFLICTS WITH AN EXISTING PIPE WITH LESS THAN 18 INCHES VERTICAL CLEARANCE, NEW PIPE SHALL BE CONSTRUCTED OF DIP, AND THE CROSSING SHALL BE ARRANGED TO MEET THE REQUIREMENTS ABOVE.
 5. A MINIMUM 10-FOOT HORIZONTAL SEPARATION SHALL BE MAINTAINED BETWEEN ANY TYPE OF SEWER AND WATER MAIN IN PARALLEL INSTALLATIONS WHENEVER POSSIBLE.
 6. IN CASES WHERE IT IS NOT POSSIBLE TO MAINTAIN A 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 IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER.
 7. WHERE IT IS NOT POSSIBLE TO MAINTAIN A VERTICAL DISTANCE OF 18 INCHES IN PARALLEL INSTALLATIONS, THE WATER MAIN SHALL BE CONSTRUCTED OF DIP AND THE SANITARY SEWER OR THE FORCE MAIN SHALL BE CONSTRUCTED OF DIP WITH A MINIMUM VERTICAL DISTANCE OF 6 INCHES. THE WATER MAIN SHOULD ALWAYS BE ABOVE THE SEWER. JOINTS ON THE WATER MAIN SHALL BE LOCATED AS FAR APART AS POSSIBLE FROM JOINTS ON THE SEWER OR FORCE MAIN (STAGGERED JOINTS).
 8. CONTRACTOR SHALL MAINTAIN WATER SERVICE TO ALL EXISTING FACILITIES DURING CONSTRUCTION.
- C. MATERIALS:
1. ALL PIPE LARGER THAN 12" DIAMETER MUST BE DUCTILE IRON (MIN. CLASS 50). 8" AND 10" DIP (MIN. CLASS 50) 4" AND 6" DIP (MIN. CLASS 52). ALL DUCTILE IRON PIPE SHALL CONFORM TO THE REQUIREMENTS OF ANSI/AWWA C151/A21.1-02 AND CEMENT MORTAR LINER AND SEAL COATED PER

ANSI/AWWA C151/A21.1-03. SEE CITY AND BROWARD COUNTY STANDARDS & SPECIFICATIONS FOR FURTHER D.I.P. REQUIREMENTS.

2. FITTINGS SHALL BE COMPACT DUCTILE IRON MECHANICAL JOINT TYPE AND SHALL BE CLASS 350 THROUGH 24" CONFORMING TO ANSI/AWWA C-153/A21.53-03 SPECIFICATIONS. FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER ANSI/AWWA C151/A21.1-03.

3. VALVES SHALL BE GATE VALVES, IRON BODY FULLY RESILIENT SEAT BRONZE MOUNTED NON-RISING STEM, RATED AT 150 PSI AND CONFORMING TO ANSI/AWWA C500-01 OR LATEST REVISION, AND SHALL HAVE MECHANICAL JOINTS.
- a. GATE VALVES 4" AND LARGER SHALL BE MUELLER A-2370-20, RESILIENT SEATED GATE VALVES SHALL BE AMERICAN AFR2600 LINE OR CLOW F-6100, CONFORMING TO ANSI/AWWA C500-02. SEE BROWARD COUNTY, AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- b. TAPPING VALVES SHALL BE MUELLER H615 OR APPROVED EQUAL.
- c. GATE VALVES 3" OR LESS SHALL BE NIBCO T-133 OR T-136 WITH MALLEABLE IRON WHEELS. NO SUBSTITUTIONS ALLOWED.
4. TAPPING SLEEVES SHALL BE MUELLER H615, CLOW F-2505 OR APPROVED EQUAL. SEE BROWARD COUNTY, AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
5. VALVE BOXES SHALL BE US FOUNDRY SERIES 7500 OR APPROVED EQUAL.
6. 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. CLOW CORPORATION MODEL F-1059, STANDARD FIRE PROTECTION EQUIPMENT COMPANY OR APPROVED EQUAL.
7. DRESSER COUPLINGS SHALL BE REGULAR BLACK COUPLINGS WITH PLAIN GASKETS FOR GALVANIZED STEEL PIPE. THEY SHALL BE DRESSER STYLE 90. NO SUBSTITUTIONS ALLOWED.
8. FIRE HYDRANTS SHALL BE MUELLER CENTURION TRAFFIC TYPE A-2373 WITH 5 1/4" INTERNAL VALVE OPENING OR APPROVED EQUAL. MAIN VALVE OPENING TO BE DETERMINED BY THE WATER DEPARTMENT. PUMPER NOZZLE TO BE 18" FROTH FINISHED GRADE. ALL HYDRANTS TO BE INSTALLED WITH CONTROL VALVE. RETAINER GLANDS ARE PREFERRED FOR RESTRAINING. FIRE HYDRANT SHALL COMPLY WITH ANSI/AWWA C500-05. SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

D. SERVICE CONNECTION:

1. SERVICE SADDLES SHALL BE STAINLESS STEEL STRAPS. SADDLES SHALL BE DOUBLE STRAP TYPE. ALL SERVICE SADDLES SHALL CONFORM TO ANSI/AWWA C111/A21.11-00 AND ASTM A-588.
2. SERVICE LINES SHALL BE POLYETHYLENE (3400), 250 PSI RATED, SDR9. PIPE JOINTS SHALL BE OF THE COMPRESSION TYPE TOTALLY COMPIED GRIP SEAL AND COUPLING NUT.
3. CORPORATION STOPS SHALL BE MANUFACTURED OF BRASS ALLOY IN ACCORDANCE WITH ASTM B-62 WITH THREADED ENDS, AS MANUFACTURED BY MUELLER B-2500S OR APPROVED EQUAL.
4. CURB STOPS SHALL BE MUELLER H10203 OR APPROVED EQUAL.
5. METER STOPS SHALL BE LOCKWING TYPE AND SHALL BE OF BRONZE CONSTRUCTION IN ACCORDANCE WITH ASTM B-62. METER STOPS SHALL BE CLOSED BOTTOM DESIGN AND RESILIENT "O" RING SEALED AGAINST INTERNAL LEAKAGE AT THE TOP. STOPS SHALL BE EQUIPPED WITH A METER COUPLING NUT ON THE OUTLET SIDES, AS MANUFACTURED BY MUELLER OR APPROVED EQUAL.

E. INSTALLATION:

1. ALL PVC PIPE SHALL BE INSTALLED IN ACCORDANCE WITH THE UNIBELL PLASTIC PIPE ASSOCIATIONS "GUIDE FOR INSTALLATION OF PVC PRESSURE PIPE FOR MUNICIPAL WATER DISTRIBUTION SYSTEM." SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
2. ALL DIP SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION.
3. ALL WATER MAINS SHALL BE LAID WITH A MINIMUM 36" COVER FOR PIPE AND 30" FOR DIP.
4. NO CONNECTIONS TO EXISTING LINES SHALL BE MADE UNTIL, PRESSURE TESTS & BACTERIOLOGICAL TESTS HAVE BEEN PERFORMED AND THE SYSTEM IS ACCEPTABLE TO THE CITY OR BROWARD COUNTY BEACH AND PUBLIC HEALTH UNIT.
5. PIPE DEFLECTION SHALL NOT EXCEED 75% OF THE MAXIMUM DEFLECTION RECOMMENDED BY THE MANUFACTURER.
6. A CONTINUOUS AND UNIFORM BEDDING SHALL BE PROVIDED. BACKFILL MATERIAL SHALL BE TAMPED IN LAYERS AROUND THE PIPE AS SHOWN ON THE PLANS. STONES FOUND IN THE TRENCH SHALL BE REMOVED FOR A DEPTH OF AT LEAST 6" BELOW THE BOTTOM OF THE PIPE.
7. ALL VALVES SHALL BE INSTALLED WITH ADJUSTABLE CAST IRON VALVE BOXES WITH THE WORD "WATER" CAST IN THE COVER. U.S.F. OR APPROVED EQUAL.
8. ALL WATER MAIN INSTALLATIONS SHALL COMPLY WITH THE COLOR CODING REQUIREMENTS OF CHAPTER 62-555.320, FAC.

F. TESTING:

1. FOR TESTING REQUIREMENTS SEE CITY AND BROWARD COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS.
2. BEFORE ANY PHYSICAL CONNECTIONS TO THE EXISTING WATER MAINS ARE MADE, THE COMPLETE WATER SYSTEM SHALL BE PRESSURE TESTED AND DISINFECTED. HYDROSTATIC TESTING OF NEW MAINS SHALL BE PERFORMED AT A MINIMUM STARTING PRESSURE OF 150 PSI FOR TWO HOURS IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION. THE PRESSURE TEST SHALL NOT VARY MORE THAN 5 PSI DURING THE TEST.
3. THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF THE CITY OR BROWARD COUNTY AND THE ENGINEER OF RECORD.
4. BEFORE ACCEPTANCE FOR OPERATION, THE WATER SYSTEM SHALL BE DISINFECTED IN ACCORDANCE WITH THE ANSI/AWWA C601-05, 150 PSI MINIMUM STARTING PRESSURE TEST. METER CONNECTIONS MAY BE MADE TO NEW LINES AFTER TWO CONSECUTIVE DAYS OF BACTERIOLOGICAL SAMPLES HAVE PASSED, AND COPIES OF RESULTS HAVE BEEN RECEIVED BY THE ENGINEER, CITY, AND HRS.
5. SAMPLING POINTS SHALL BE PROVIDED AT THE LOCATIONS SHOWN ON THE PLANS. IF NOT SPECIFIED, SAMPLING POINTS SHALL BE PROVIDED AT INTERVALS OF 1,200' MAXIMUM FOR LINES GREATER THAN 1,200' IN LENGTH.
6. THE ALLOWABLE LEAKAGE SHALL BE LESS THAN THE NUMBER OF GALLONS PER HOUR AS DETERMINED BY THE FORMULA:

$$L = \frac{SDP \times OS}{148000}$$

IN WHICH L EQUALS THE ALLOWABLE LEAKAGE IN GALLONS PER HOUR, S EQUALS LENGTH OF PIPE (LINEAR FEET) D EQUALS NOMINAL DIAMETER OF PIPE (INCHES) AND P EQUALS THE MINIMUM TEST PRESSURE (POUNDS PER SQUARE INCH).

VII. GRAVITY SEWER COLLECTION SYSTEM

- A. CITY AND BROWARD COUNTY CONSTRUCTION STANDARDS & SPECIFICATIONS SHALL GOVERN & SUPERCEDE ALL OTHER REQUIREMENTS FOR SANITARY SEWER CONSTRUCTION.
- B. GENERAL:
1. DISTANCE AND LENGTHS SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.
- C. MATERIALS:
1. ALL SEWER PIPE AND FITTINGS SHALL BE PVC PIPE CONFORMING TO ASTM D 3034, SDR-35 WITH PUSH-ON RUBBER GASKET JOINTS, UNLESS OTHERWISE NOTED. OR DUCTILE IRON PIPE SHALL BE (MIN. CLASS 52) AS INDICATED ON THE DRAWINGS.
 2. MANHOLES SHALL BE PRECAST PER ASTM C 478 WITH 4,000 PSI CONCRETE AND GRADE 60 STEEL. MONOLITHICALLY POURED BASES ONLY.
 3. MANHOLES ARE TO BE SEALED WITH ANTI-HYDRO CEMENT OR APPROVED EQUAL. NO MOUNDING PLASTER.
- D. INSTALLATION:
1. PVC SEWER PIPE SHALL BE LAID IN ACCORDANCE WITH ASTM D 2321 AND THE UNIBELL PLASTIC PIPE ASSOCIATIONS "GUIDE FOR THE INSTALLATION OF PVC SEWER PIPE."
 2. DUCTILE IRON PIPE SHALL BE INSTALLED IN ACCORDANCE WITH ANSI/AWWA C600-05 OR LATEST REVISION.
 3. PVC MANHOLE ADAPTOR SHALL BE GROUTED IN PLACE AT EACH PIPE CONNECTION INTO A MANHOLE WALL.
 4. MANHOLES SHALL BE SET PLUMB TO LINE AND GRADE ON FIRM SUBGRADE PROVIDING UNIFORM BEARING UNDER THE BASE.
 5. ALL OPENINGS AND JOINTS SHALL BE SEALED WATER TIGHT.
 6. THE ENTIRE INSIDE AND OUTSIDE OF THE MANHOLES SHALL BE PAINTED WITH TWO COATS OF DIFFERENT COLORS (8 MILS EACH) OF KOPPERS 3034 BITUMASTIC PAINT OR ENGINEER'S APPROVED EQUAL.
- E. TESTING:
1. AFTER CONSTRUCTION OF THE SEWER SYSTEM, THE ENGINEER MAY REQUIRE A VISUAL INFILTRATION AND/OR EXFILTRATION TEST TO BE PERFORMED ON THE ENTIRE SYSTEM OR ANY PART THEREOF.
 2. AN AIR TEST MAY BE SUBSTITUTED FOR THE WATER EXFILTRATION TEST, UPON APPROVAL OF THE ENGINEER.
 3. MANHOLE LEAKAGE TEST SHALL NOT EXCEED FOUR GALLONS PER DAY PER UNIT. NO VISIBLE

LEAKAGE ALLOWED.

4. SEWER PIPE LEAKAGE ALLOWABLE SHALL NOT EXCEED 150 GALLONS PER DAY PER INCH DIAMETER PER MILE IN A TWO HOUR TEST PERIOD FOR ANY SECTION TESTED. NO VISIBLE LEAKAGE SHALL BE ALLOWED.
5. ALL SEWER PIPE SHALL BE VIDEO RECORDED AND GIVEN TO CITY FOR REVIEW AND APPROVAL AT THE CONTRACTORS EXPENSE.
6. SEE BROWARD COUNTY AND CITY CONSTRUCTION STANDARDS & SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.

VIII. STORM DRAINAGE

- A. GENERAL:
1. DISTANCES AND LENGTHS SHOWN ON PLANS ARE REFERENCED TO THE CENTER OF STRUCTURES.
- B. MATERIALS:
1. REINFORCED CONCRETE PIPE (R.C.P.) SHALL MEET THE REQUIREMENTS OF ASTM C-76, LATEST REVISION. RUBBER GASKETS OR OTHER MANUFACTURER SUPPLIED JOINT SEALER SHALL BE USED. FOR ADDITIONAL REQUIREMENTS SEE BROWARD COUNTY'S AND THE CITY'S STANDARDS AND SPECIFICATIONS.
 2. ALL DRAINAGE CATCH BASINS AND STRUCTURES SHALL BE PRECAST CONCRETE AS MANUFACTURED BY U.S. PRECAST CORPORATION, UNLESS OTHERWISE NOTED ON THE PLANS. THE MINIMUM WALL AND SLAB THICKNESS SHALL BE 8 INCHES AND THE MINIMUM REINFORCING SHALL BE AS INDICATED ON THE STRUCTURE DETAIL. CONCRETE SHALL BE MINIMUM OF 4000PSI AT 28 DAYS.
- C. INSTALLATION:
1. PIPE SHALL BE PLACED ON A MINIMUM OF 8" STABLE GRANULAR MATERIAL FREE OF ROCK FORMATION AND OTHER FOREIGN CONTAMINANTS, AND CONSTRUCTED TO A UNIFORM GRADE AND LINE.
 2. BACKFILL MATERIAL SHALL BE WELL GRADED GRANULAR MATERIAL, WELL TAMPED IN LAYERS NOT TO EXCEED 6 INCHES TO A HEIGHT OF 12 INCHES ABOVE PIPE AS SHOWN ON THE PLANS.
 3. PROVIDE A MINIMUM PROTECTIVE COVER OF 18 INCHES OVER STORM SEWER AND AVOID UNNECESSARY CROSSING BY HEAVY CONSTRUCTION VEHICLES DURING CONSTRUCTION.
 4. THE CONTRACTOR SHALL NOTIFY THE CITY'S ENGINEERING DEPARTMENT AT LEAST 7 DAYS PRIOR TO THE START OF THE CONSTRUCTION AND INSPECTION.

IX. PAVING

- A. GENERAL:
- BROWARD COUNTY AND THE CITY'S CONSTRUCTION STANDARDS & SPECIFICATIONS SHALL GOVERN.
2. ALL MUCK AND YIELDING MATERIAL WITHIN THE LIMIT OF CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH CLEAN FILL MATERIAL WHICH SHALL BE COMPACTED AND SHAPED TO CONFORM TO THE REQUIRED SECTION. COMPACTED AREAS, AS SHOWN ON THE PLANS AND AS DETERMINED BY THE ENGINEER, SHALL BE COMPACTED TO NOT LESS THAN 98% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE, AS DETERMINED BY AASHTO T-100, LATEST REVISION. AREAS TO BE STABILIZED, AS DETERMINED BY THE ENGINEER, SHALL HAVE A MINIMUM LBR-40.
 3. ALL UNDERGROUND UTILITIES SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF LIMEROCK BASE.
 4. ALL EXISTING PAVEMENT, CUT OR DAMAGED BY CONSTRUCTION, SHALL BE PROPERLY RESTORED AT THE CONTRACTOR'S EXPENSE.
 5. WHERE ANY PROPOSED PAVEMENT IS TO BE CONNECTED TO EXISTING PAVEMENT, THE EXISTING EDGE OF PAVEMENT SHALL BE SAW CUT.
- B. MATERIALS:
1. BASE COURSE SHALL BE CRUSHED LIMEROCK WITH A MINIMUM OF 70% CARBONATES OF CALCIUM AND MAGNESIUM.
 2. ASPHALT SURFACES SHALL BE TYPE III ASPHALTIC CONCRETE, UNLESS OTHERWISE SPECIFIED ON THE PLANS, AND SHALL BE A MINIMUM OF 1 1/2" THICK.
 3. MINIMUM SIDEWALK CONSTRUCTION SHALL BE 4 INCH THICK CONCRETE, MINIMUM 3000PSI COMPRESSIVE STRENGTH AT 28 DAYS, SAWCUT CONSTRUCTION JOINTS 5 FOOT O.C. WITHIN 48 HOURS OF PLACING. EXPANSION JOINTS SHALL BE 20 FOOT O.C. SEE BROWARD COUNTY'S AND THE CITY'S SECTION ON CONSTRUCTION STANDARDS & SPECIFICATIONS FOR FURTHER REQUIREMENTS.
 4. CURBS AND GUTTERS: CONCRETE 3000PSI COMPRESSIVE STRENGTH AT 28 DAYS, SAWCUT CONSTRUCTION JOINTS 10 FOOT O.C. WITHIN 48 HOURS OF PLACING.
 5. 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. SUBGRADE FOR PAVEMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 98% OF THE MAXIMUM DENSITY (AASHTO T-99(C)), AND SHALL HAVE A MINIMUM LBR 40.
 2. BASE COURSE MATERIAL FOR PAVED AREAS SHALL BE A MINIMUM THICKNESS OF 8" AND SHALL BE CONSTRUCTED IN TWO FOUR-INCH LIFTS.
 3. BASE COURSE MATERIAL FOR CURBS AND GUTTERS SHALL BE A MINIMUM THICKNESS OF 6 INCH.
 4. BASE COURSE SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS PER AASHTO T-100 AND SHALL HAVE A MINIMUM LBR OF 100.
 5. INSTALLATION OF THE WEARING SURFACE SHALL CONFORM WITH THE REQUIREMENTS OF THE D.O.T. STANDARD SPECIFICATIONS FOR TYPE III ASPHALTIC CONCRETE.
- D. TESTING:
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, WHERE DIRECTED BY THE ENGINEER.
 3. ALL TESTING COSTS (PAVING) SHALL BE PAID FOR BY THE CONTRACTOR.
 4. DENSITY TESTS ON THE STABILIZED SUBGRADE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD AND APPROVED BEFORE ANY LIMEROCK BASE IS CONSTRUCTED.
 5. DENSITY TESTS AND AS-BUILTS ON THE FINISHED LIMEROCK BASE SHALL BE SUPPLIED TO THE ENGINEER OF RECORD, AND APPROVED BEFORE ANY ASPHALT PAVEMENT IS CONSTRUCTED.

X. DEWATERING

1. WHERE DEWATERING IS REQUIRED, THE CONTRACTOR IS RESPONSIBLE FOR DEWATERING IN SUCH A MANNER SO AS TO COMPLY WITH ANY AND ALL CITY, COUNTY, STATE AND FEDERAL DEWATERING REGULATIONS. CONTRACTOR MAY CONTACT THE BROWARD COUNTY DEPARTMENT OF PLANNING AND ENVIRONMENTAL PROTECTION AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR FURTHER INFORMATION.

XI. PAVEMENT MARKING AND SIGNAGE

1. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS, LATEST EDITION, AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (CURRENT EDITION), STANDARDS & SPECIFICATIONS FOR PAVEMENT MARKING REQUIREMENTS.

XII. PROJECT CLOSEOUT

- A. CLEANING UP:
1. DURING CONSTRUCTION, THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT AND CLEAN MANNER, AND UPON FINAL CLOSEOUT, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED, PAVEMENT BRICK, AND CONCRETE AREAS SHALL BE SWEEP BROOM CLEAN.
 2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED, ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, OR EMPLOYEES, TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THAT END, THE CONTRACTOR SHALL DO, AS REQUIRED, ALL NECESSARY HIGHWAY, DRIVEWAY, WALK AND LANDSCAPING WORK. SUITABLE MATERIALS AND METHODS SHALL BE USED FOR SUCH RESTORATION.
 3. WHERE MATERIAL OR DEBRIS HAS WASHED OR FLOWED INTO OR HAS BEEN PLACED IN WATER COURSES, 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 THE PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.
- B. ALL PROPERTY MONUMENTS OR PERMANENT REFERENCES, REMOVED OR DESTROYED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE RESTORED BY A STATE OF FLORIDA REGISTERED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE.
- C. ALL UNPAVED SURFACES DISTURBED AS A RESULT OF CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THAT WHICH EXISTED BEFORE THE CONSTRUCTION.

XIII. ENGINEER'S AS BUILT REQUIREMENTS

1. DURING THE DAILY PROGRESS OF THE JOB, THE CONTRACTOR SHALL RECORD ON THEIR SET OF CONSTRUCTION DRAWINGS THE EXACT LOCATION, LENGTH, MATERIAL, AND ELEVATION OF ANY FACILITY NOT BUILT EXACTLY ACCORDING TO PLANS.
2. AS BUILTS OF WATER LINES SHALL INCLUDE THE FOLLOWING:
 - a. TOP OF PIPE ELEVATIONS EVERY 103 LINEAR FEET
 - b. LOCATIONS AND ELEVATIONS OF ALL FITTINGS INCLUDING BENDS, TEES, GATE VALVES, DOUBLE DETECTOR CHECK VALVES, FIRE HYDRANTS, ETC.
 - c. ALL TIES TO EXISTING LINES SHALL BE AS BUILT
 - d. THE TERMINATION OF ALL WATER SERVICES SHALL BE SHOWN
3. AS BUILTS OF ALL THE GRAVITY SANITARY SEWER LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - a. RIMS, INVERTS, AND LENGTH OF PIPING BETWEEN STRUCTURES, AS WELL AS PIPE SLOPES.
 - b. LOCATION OF ALL STUB ENDS OF ALL SEWER LATERALS INVERT ELEVATIONS AND LOCATION OF ALL CLEAN OUTS
 - c. LIFT STATION AS BUILTS SHALL CONSIST OF THE TOP OF WET WELL ELEVATION, INVERT ELEVATIONS OF THE INCOMING LINE, BOTTOM OF THE WET WELL AND AS BUILTS OF THE COMPOUND AREA
4. FORCE MAIN AS BUILTS SHALL BE PREPARED THE SAME AS THE WATER MAIN AS BUILTS DESCRIBED ABOVE
5. AS BUILTS OF ALL DRAINAGE LINES SHALL INCLUDE THE FOLLOWING INFORMATION:
 - a. RIMS, INVERTS, AND LENGTH OF PIPING BETWEEN STRUCTURES AND WEIR ELEVATIONS WHERE APPLICABLE
 - b. THE SIZE OF THE PIPING SHALL BE VERIFIED BY THE SURVEY FIELD CREW AT THE TIME OF AS BUILT
 - c. DRAINAGE WELL STRUCTURE AS BUILTS SHALL INCLUDE, BUT NOT BE LIMITED TO, TOP OF CASING ELEVATION, TOP AND BOTTOM ELEVATIONS OF THE BAFFLE WALLS, RIM ELEVATIONS, AND INVERTS OF PIPING
6. ALL ROCK AS BUILTS FOR PARKING LOT AREAS SHALL CONSIST OF THE FOLLOWING INFORMATION:
 - a. ROCK ELEVATIONS AT ALL HIGH AND LOW POINTS, AND AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY
 - b. ROCK AS BUILTS SHALL BE TAKEN AT ALL LOCATIONS WHERE THERE IS A FINISHED GRADE ELEVATION SHOWN ON THE DESIGN PLANS
 - c. ALL CATCH BASIN AND MANHOLE RIM ELEVATIONS SHALL BE SHOWN
 - d. ELEVATIONS AROUND ISLANDS SHALL ALSO BE SHOWN
 - e. WHERE CONCRETE OR PAVEMENT BRICK IS TO BE USED AS A FINISHED PRODUCT FOR THE ROADWAY OR PARKING LOT, ROCK AS BUILTS WILL BE REQUIRED AS INDICATED ABOVE, AS WELL AS BUILTS ON THE FINISHED CONCRETE OR PAVERS AT LOCATIONS WHERE THERE IS A FINISHED GRADE ELEVATION SHOWN ON THE DESIGN PLANS
 - f. AS BUILTS SHALL BE TAKEN ON ALL PAVED AND UNPAVED SVALES, PRIOR TO PLACEMENT OF ASPHALT OR TOPSOIL, OR SOO, AT ENOUGH INTERMEDIATE POINTS TO CONFIRM SLOPE CONSISTENCY AND CONFORMANCE TO THE PLANS
7. LAKE AND CANAL BANK AS BUILTS SHALL INCLUDE A KEY SHEET OF THE LAKE FOR THE LOCATIONS OF CROSS SECTIONS. LAKE AND CANAL BANK CROSS SECTIONS SHALL BE PLOTTED AT A MINIMUM OF EVERY 103 LINEAR FEET UNLESS OTHERWISE SPECIFIED. AS BUILTS SHALL CONSIST OF THE LOCATION AND ELEVATION OF THE TOP OF BANK EDGE OF WATER AND THE DEEP CUT LINE WITH THE DISTANCE BETWEEN EACH SHOWN ON THE DRAWING.
8. RETENTION AREA AS BUILT ELEVATIONS SHALL BE TAKEN AT THE BOTTOM OF THE RETENTION AREA AND AT THE TOP OF BANK, AS BUILT OF CONTOURS SHALL BE SHOWN, WHERE APPLICABLE.
9. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL PREPARE RECORD DRAWINGS, ON FULL SIZE REPRODUCIBLE MATERIAL. ONE SET OF REPRODUCIBLE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD, ALONG WITH EIGHT SETS OF BLUE OR BLACK LINE DRAWINGS. THESE DRAWINGS SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. ADDITIONALLY, AN ELECTRONIC COPY OF THESE RECORD DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER IN AUTOCAD, ".DWG" OR ".DXF" FORMAT
10. IN ADDITION TO THE ABOVE, THE CONTRACTOR SHALL ALSO CONFORM TO COUNTY AND/OR CITY AS-BUILT REQUIREMENTS.

XIV. FIRE DEPARTMENT REQUIREMENTS

A. ACCESS REQUIREMENTS- ADDRESS IDENTIFICATION

1. NEW AND EXISTING BUILDINGS SHALL HAVE APPROVED ADDRESS NUMBERS PLACED IN A POSITION TO BE PLAINLY LEGIBLE AND VISIBLE FROM THE STREET OR ROADWAY FRONTING THE PROPERTY. (NFPA 1:10.12.1.1) THE ADDRESS SHALL BE POSTED AT THE CONSTRUCTION SITE UPON THE START OF CONSTRUCTION.
2. ADDRESS NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. 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. (NFPA 1:10.12.1.2)
3. WHERE ADDRESS IDENTIFICATION IS REQUIRED BY THE FIRE OFFICIAL ON OTHER ELEVATIONS OF BUILDINGS, STRUCTURES, OR PORTIONS THEREOF, SUCH NUMBERS SHALL NOT BE LESS THAN THREE INCHES IN HEIGHT FOR RESIDENTIAL AND AT LEAST SIX INCHES IN HEIGHT FOR ALL OTHER BUILDINGS, STRUCTURES, OR PORTIONS THEREOF. (NFPA 1:10.12.1.3)
4. ADDRESS NUMBERS SHALL BE ARABIC NUMERALS OR ALPHABET LETTERS. (NFPA 1:10.12.1.3)

B. MINIMUM RADIO STRENGTH FOR FIRE DEPARTMENT COMMUNICATIONS

1. NFPA 1:11.10 REQUIRES MINIMUM RADIO SIGNAL STRENGTH FOR FIRE DEPARTMENT COMMUNICATIONS TO BE MAINTAINED AT A LEVEL DETERMINED BY THE AHJ (AUTHORITY HAVING JURISDICTION) FOR ALL NEW AND EXISTING BUILDINGS.
2. THE OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR (GC) SHALL CONDUCT A PRELIMINARY INITIAL ASSESSMENT TO DETERMINE IF THE MINIMUM RADIO SIGNAL STRENGTH FOR FIRE DEPARTMENT COMMUNICATION IS IN COMPLIANCE WITH BROWARD COUNTY STANDARDS.
3. PRIOR TO ANY TESTING, THE OCCUPANCY SHALL BE STRUCTURALLY COMPLETED WITH ALL INTERIOR PARTITIONS, WINDOWS AND DOORS INSTALLED.
4. AN ASSESSMENT WILL BE CONDUCTED BY THE OWNER'S REPRESENTATIVE OR GC TO DETERMINE IF THE MINIMUM RADIO SIGNAL STRENGTH FOR FIRE DEPARTMENT COMMUNICATION IN THE OCCUPANCY IS IN COMPLIANCE, IN ACCORDANCE WITH NFPA 1:11.10.1 AND NFPA 72:24.5.2.2.1 THROUGH 24.5.2.2.3.
5. RADIO COVERAGE SHALL BE PROVIDED THROUGHOUT THE BUILDING AS A PERCENTAGE OF FLOOR AREA AS SPECIFIED BELOW IN ACCORDANCE WITH NFPA 72:14.4.12.1.2 THROUGH 14.4.12.1.4 AND NFPA 24.5.2.3.
 1. A TEST "GRID" PLAN SHALL BE PRODUCED TO ENSURE TESTING THROUGHOUT THE BUILDING.
 2. SIGNAL LEVELS SHALL BE MEASURED TO ENSURE THE SYSTEM MEETS THE CRITERIA OF 24.5.2.3, ACCORDING TO PARAMETERS AS FOLLOWS:
 - A. 24.5.2.3.1 INBOUND: A MINIMUM SIGNAL STRENGTH OF -95 dBm, OR OTHER SIGNAL STRENGTH AS REQUIRED BY THE AHJ, SHALL BE PROVIDED THROUGHOUT THE COVERAGE AREA.
 - B. 24.5.2.3.2 OUTBOUND: A MINIMUM OUTBOUND SIGNAL STRENGTH SHALL BE PROVIDED AT THE DONOR SITE, OR OTHER SIGNAL STRENGTH AS REQUIRED BY THE AHJ, SHALL BE PROVIDED FOR THE COVERAGE AREA.
 - C. CRITICAL AREAS, SUCH AS THE EMERGENCY COMMAND CENTER(S), FIRE PUMP ROOM(S), EXIT STAIRS, EXIT PASSAGEWAYS, ELEVATOR LOBBIES, STAIRWELL CABINETS, SPRINKLER SECTIONAL VALVE LOCATION, AND OTHER AREAS DEEMED CRITICAL BY THE AHJ, SHALL BE PROVIDED WITH 99 PERCENT FLOOR AREA RADIO COVERAGE.
 - D. GENERAL BUILDING AREAS SHALL BE PROVIDED WITH 90 PERCENT FLOOR AREA RADIO COVERAGE.

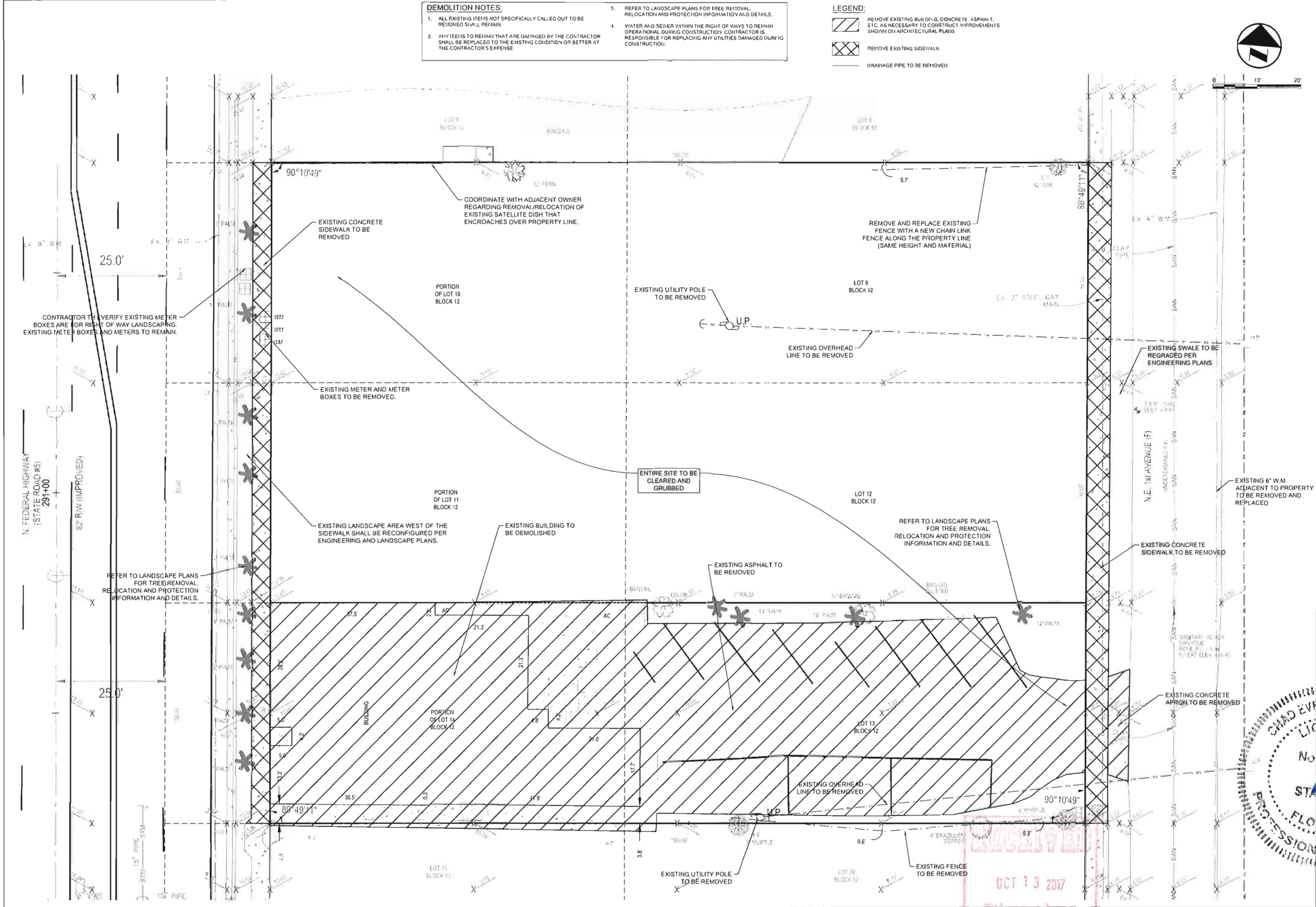
6. ACCEPTANCE
 1. IF THREE HOVADJACENT ADJACENT AREAS FAIL THE TEST WITH LESS THAN 95 DECIBELS PER MILLIWATT (195dBm), AND/OR A DBO3 OR BELOW, THE GC WILL BE REQUIRED TO PULL SEPARATE PLANS AND PERMIT AND INSTALL AN IPSRES IN-BUILDING PUBLIC SAFETY RADIO ENHANCEMENT SYSTEMS, AND/OR
 2. IF THERE IS LESS THAN 90 PERCENT FLOOR AREA RADIO COVERAGE TO ALL CRITICAL AREAS, OR LESS THAN 80 PERCENT FLOOR AREA RADIO COVERAGE TO ALL GENERAL BUILDING AREAS, THE GC WILL BE REQUIRED TO PULL SEPARATE PLANS AND PERMIT AND INSTALL AN IPSRES IN-BUILDING PUBLIC SAFETY RADIO ENHANCEMENT SYSTEMS

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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 0001414



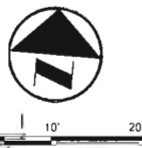
TRUE BY HILTON
PREPARED FOR: DANIA BEACH
DANIA AIRPORT HOTELS, LLC

PROJECT NO. 16-0094-001-01
October 2017

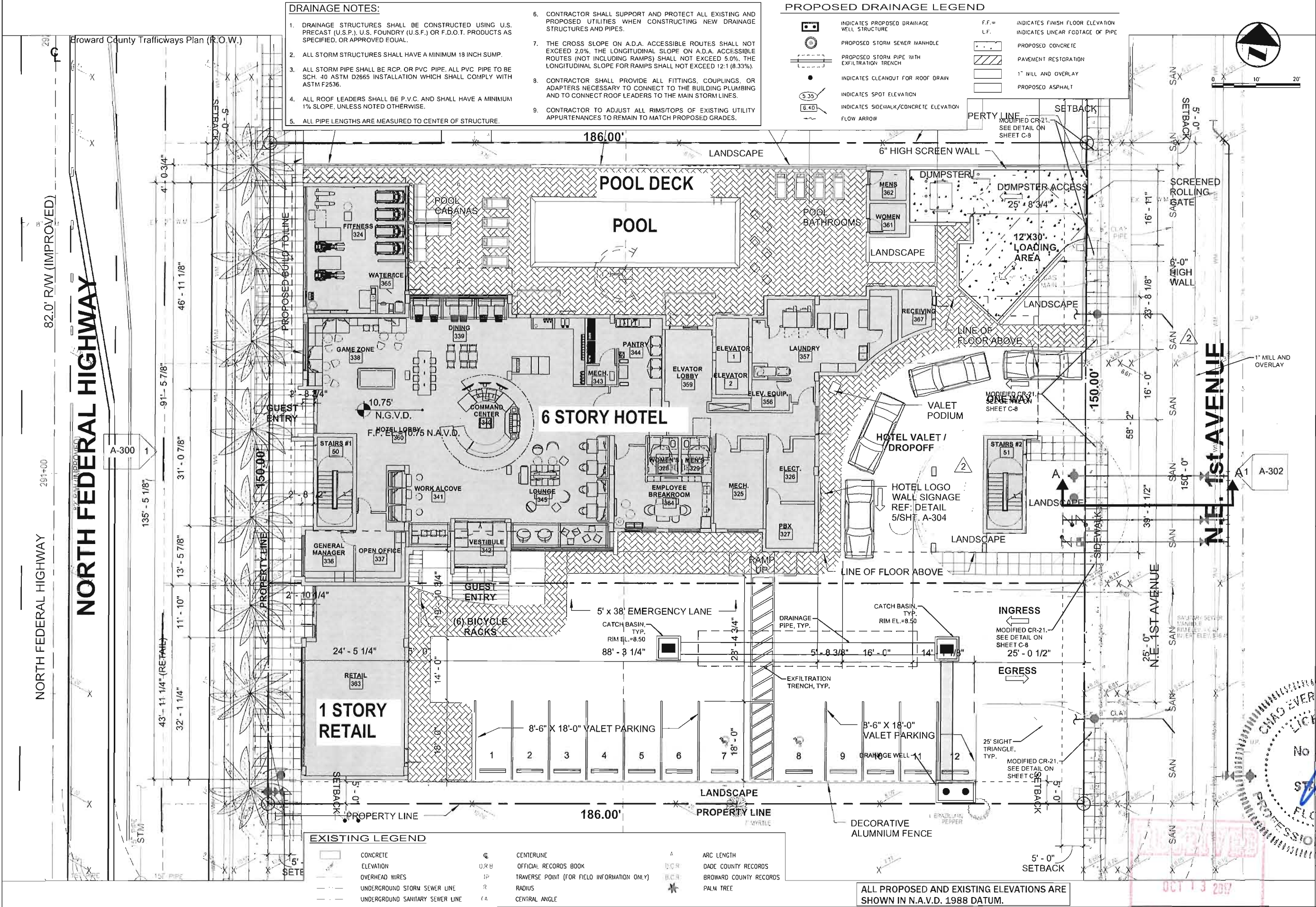


- DEMOLITION NOTES:**
1. ALL EXISTING ITEMS NOT SPECIFICALLY CALLED OUT TO BE REMOVED SHALL REMAIN.
 2. ANY ITEMS TO REMAIN THAT ARE DAMAGED BY THE CONTRACTOR SHALL BE REPLACED TO THE EXISTING CONDITION OR BETTER AT THE CONTRACTOR'S EXPENSE.
 3. REFER TO LANDSCAPE PLANS FOR TREE REMOVAL, RELOCATION AND PROTECTION INFORMATION AND DETAILS.
 4. WATER AND SEWER WITHIN THE RIGHT OF WAYS TO REMAIN OPERATIONAL DURING CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY UTILITIES DAMAGED DURING CONSTRUCTION.

- LEGEND:**
- REMOVE EXISTING BUILDING, CONCRETE, ASPHALT, ETC. AS NECESSARY TO CONSTRUCT IMPROVEMENTS SHOWN ON ARCHITECTURAL PLANS
 - REMOVE EXISTING SIDEWALK
 - DRAINAGE PIPE TO BE REMOVED



DATE:	1/4/16	AS SHOWN:	CEE	DESIGN BY:	CEE	DRAWN BY:	S.C.	CHECKED BY:	CEE	APPROVED BY:	CEE
CRAVEN - THOMPSON AND ASSOCIATES, INC. ENGINEERS - PLANNERS - SURVEYORS 3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309 TEL: (954) 739-6400 FAX: (954) 739-6409 FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS NO. 271 FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. 000014											
PREPARED FOR: TRE BY HILTON DANIA BEACH DANIA AIRPORT HOTELS, LLC DEMOLITION PLAN											
PROJECT NO: 16-0894-001-01											
C-3 SHEET 3 OF 18											



DRAINAGE NOTES:

1. DRAINAGE STRUCTURES SHALL BE CONSTRUCTED USING U.S. PRECAST (U.S.P.), U.S. FOUNDRY (U.S.F.) OR F.D.O.T. PRODUCTS AS SPECIFIED, OR APPROVED EQUAL.
2. ALL STORM STRUCTURES SHALL HAVE A MINIMUM 18 INCH SUMP.
3. ALL STORM PIPE SHALL BE RCP, OR PVC PIPE. ALL PVC PIPE TO BE SCH. 40 ASTM D2665 INSTALLATION WHICH SHALL COMPLY WITH ASTM F2536.
4. ALL ROOF LEADERS SHALL BE P.V.C. AND SHALL HAVE A MINIMUM 1% SLOPE, UNLESS NOTED OTHERWISE.
5. ALL PIPE LENGTHS ARE MEASURED TO CENTER OF STRUCTURE.
6. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING AND PROPOSED UTILITIES WHEN CONSTRUCTING NEW DRAINAGE STRUCTURES AND PIPES.
7. THE CROSS SLOPE ON A.D.A. ACCESSIBLE ROUTES SHALL NOT EXCEED 2.0%. THE LONGITUDINAL SLOPE ON A.D.A. ACCESSIBLE ROUTES (NOT INCLUDING RAMPS) SHALL NOT EXCEED 5.0%. THE LONGITUDINAL SLOPE FOR RAMPS SHALL NOT EXCEED 12:1 (8.33%).
8. CONTRACTOR SHALL PROVIDE ALL FITTINGS, COUPLINGS, OR ADAPTERS NECESSARY TO CONNECT TO THE BUILDING PLUMBING AND TO CONNECT ROOF LEADERS TO THE MAIN STORM LINES.
9. CONTRACTOR TO ADJUST ALL RIMS/TOPS OF EXISTING UTILITY APPURTENANCES TO REMAIN TO MATCH PROPOSED GRADES.

PROPOSED DRAINAGE LEGEND

- | | | | |
|--|--|--------|----------------------------------|
| | INDICATES PROPOSED DRAINAGE WELL STRUCTURE | F.F. = | INDICATES FINISH FLOOR ELEVATION |
| | PROPOSED STORM SEWER MANHOLE | L.F. = | INDICATES LINEAR FOOTAGE OF PIPE |
| | PROPOSED STORM PIPE WITH EXFILTRATION TRENCH | | PROPOSED CONCRETE |
| | INDICATES CLEANOUT FOR ROOF DRAIN | | PAVEMENT RESTORATION |
| | INDICATES SPOT ELEVATION | | 1" MILL AND OVERLAY |
| | INDICATES SIDEWALK/CONCRETE ELEVATION | | PROPOSED ASPHALT |
| | FLOW ARROW | | |

EXISTING LEGEND

- | | | | | | |
|--|---------------------------------|--|---|--|------------------------|
| | CONCRETE | | CENTERLINE | | ARC LENGTH |
| | ELEVATION | | OFFICIAL RECORDS BOOK | | DAE COUNTY RECORDS |
| | OVERHEAD WIRES | | TRAVERSE POINT (FOR FIELD INFORMATION ONLY) | | BROWARD COUNTY RECORDS |
| | UNDERGROUND STORM SEWER LINE | | RADIUS | | PALM TREE |
| | UNDERGROUND SANITARY SEWER LINE | | CENTRAL ANGLE | | |

ALL PROPOSED AND EXISTING ELEVATIONS ARE SHOWN IN N.A.V.D. 1988 DATUM.

DATE: 10/13/2017	SCALE: AS SHOWN	DESIGN BY: CEE	DRAWN BY: S.C.	CHECKED BY: CEE	APPROVED BY: CEE
PROJECT NO. 16-0094-001-01					
SHEET 4 OF 18					
C-4					

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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C000114

TRU BY HILTON
PREPARED FOR: DANIA BEACH
DANIA AIRPORT HOTELS, LLC
PAVING GRADING AND DRAINAGE PLAN

PROFESSIONAL SEAL
No. 59243
STATE OF FLORIDA
Chad Everett Edwards
Professional Engineer
No. 59309
October 6, 2017

OCT 13 2017
Planning

82.0' RW (IMPROVED)

261+00

NORTH FEDERAL HIGHWAY

Broward County Trafficways Plan (R.O.W.)

A-300 1

43'-11 1/4" (RETAIL)
32'-1 1/4"

135'-5 1/8"
91'-5 7/8"
46'-11 1/8"
31'-0 7/8"
13'-5 7/8"
11'-10"
2'-10 1/4"
24'-5 1/4"
18'-0"
14'-0"
5'-0"

PROPOSED FIRE HYDRANT

5'-0" SETBACK

PROPOSED FIRE LINE BY OTHERS

FIRE DEPARTMENT CONNECTION SIGNAGE

1 STORY RETAIL

GENERAL MANAGER 336
OPEN OFFICE 337

STAIRS #1 50

GAME ZONE 338

WATER/ICE 365

FITNESS 324

POOL CABANAS

FIRE LINE NOTES:
1. ALL PROPOSED FIRE LINES, I.E., MAINS, FIRE SERVICES, "SIAMSE" CONNECTION LINES ETC. TO BE INSTALLED BY STATE LICENSED FIRE LINE CONTRACTOR PER F.S. 633.
2. ALL FIRE LINES TO BE INSPECTED BY CERTIFIED FIRE LINE INSPECTORS.
3. STATE LICENSED FIRE LINE CONTRACTOR, UPON COMPLETION OF REQUIRED TESTING, SHALL ISSUE A "LICENSED UNDERGROUND TEST CERTIFICATE" PRIOR TO ACCEPTANCE FOR PLACING FIRE LINE INTO SERVICE.

NOTES:
1. WATER AND SEWER SERVICE PROVIDED BY THE CITY OF DANIA BEACH.
2. SEE PLUMBING PLANS FOR CONTINUATION OF WATER AND SEWER SERVICES.

EXISTING LEGEND

- CONCRETE
- ELEVATION
- OVERHEAD WIRES
- UNDERGROUND STORM SEWER LINE
- UNDERGROUND SANITARY SEWER LINE
- CENTERLINE
- OFFICIAL RECORDS BOOK

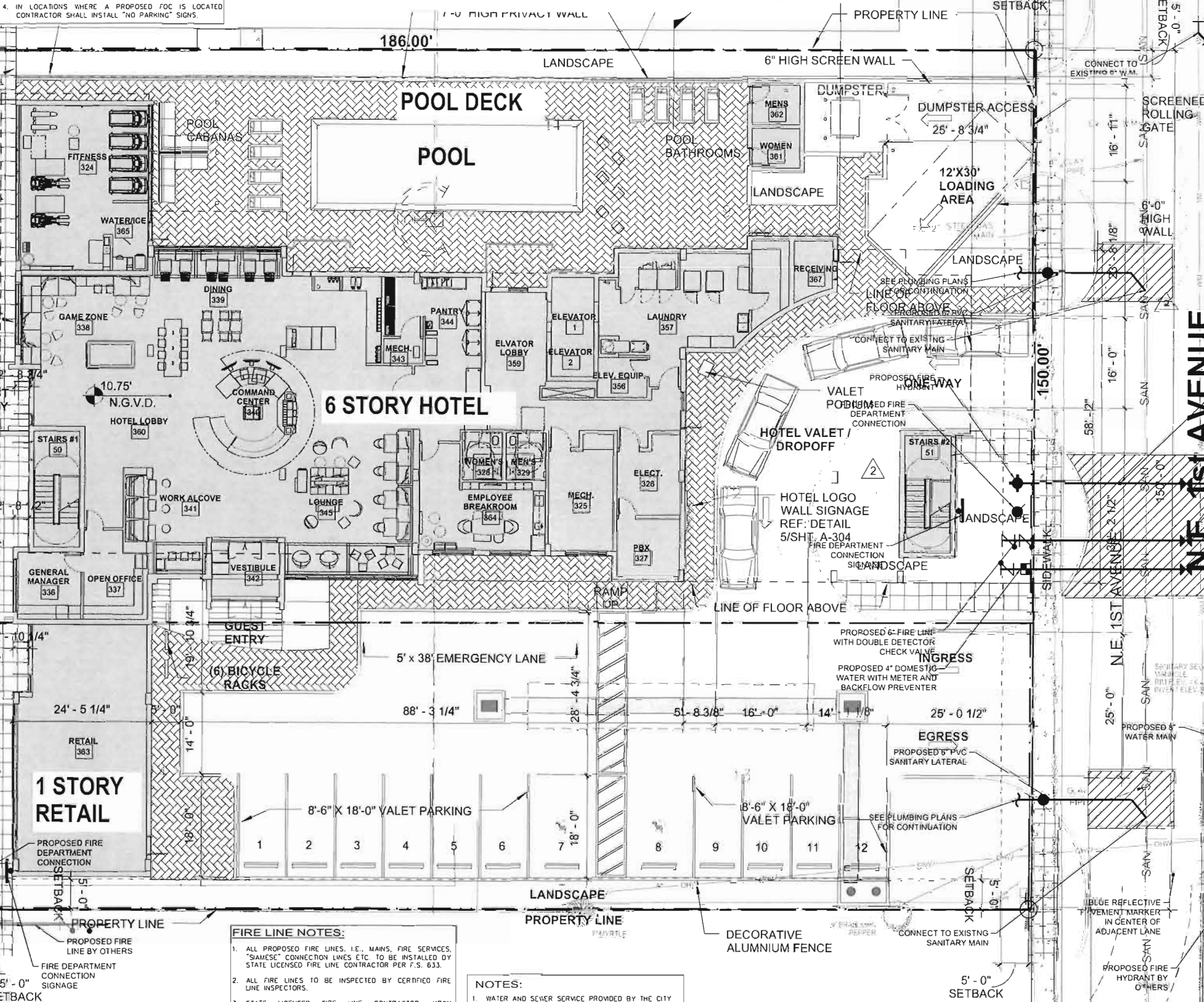
- TRAVERSE POINT (FOR FIELD INFORMATION ONLY)
- RADIUS
- CENTRAL ANGLE
- ARC LENGTH
- DADE COUNTY RECORDS
- BROWARD COUNTY RECORDS
- PALM TREE

PROPOSED WATER & SEWER LEGEND

- FIRE HYDRANT ASSEMBLY
- GATE VALVE
- WATER METER
- SAMPLING POINT
- REDUCER
- BACKFLOW PREVENTER
- SIAMSE FIRE CONNECTION
- PLUG
- SANITARY SEWER MANHOLE
- CLEANOUT
- SANITARY SERVICE
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE FLOW DIRECTION
- PAVEMENT RESTORATION



0' 10' 20'



N.E. 1ST AVENUE

BLUE REFLECTIVE PAVEMENT MARKER IN CENTER OF ADJACENT LANE

A-302 POINT OF SERVICE

PROPOSED 6" FIRE LINE WITH DOUBLE DETECTOR CHECK VALVE

PROPOSED 4" DOMESTIC WATER WITH METER AND BACKFLOW PREVENTER

EGRESS PROPOSED 6" PVC SANITARY LATERAL

PROPOSED FIRE HYDRANT BY OTHERS

CONNECT TO EXISTING SANITARY MAIN

ALL PROPOSED AND EXISTING ELEVATIONS ARE SHOWN IN N.A.V.D. 1988 DATUM.

DATE	SCALE	AS SHOWN	DESIGNED BY	CHECKED BY	DATE

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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. 0000114

PERU BY HILTON
DANIA BEACH
PREPARED FOR:
DANIA AIRPORT HOTELS, LLC
WATER AND SEWER PLAN
C-5
SHEET 5 OF 18



N.E. 1st AVENUE

[illegible]

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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C00014

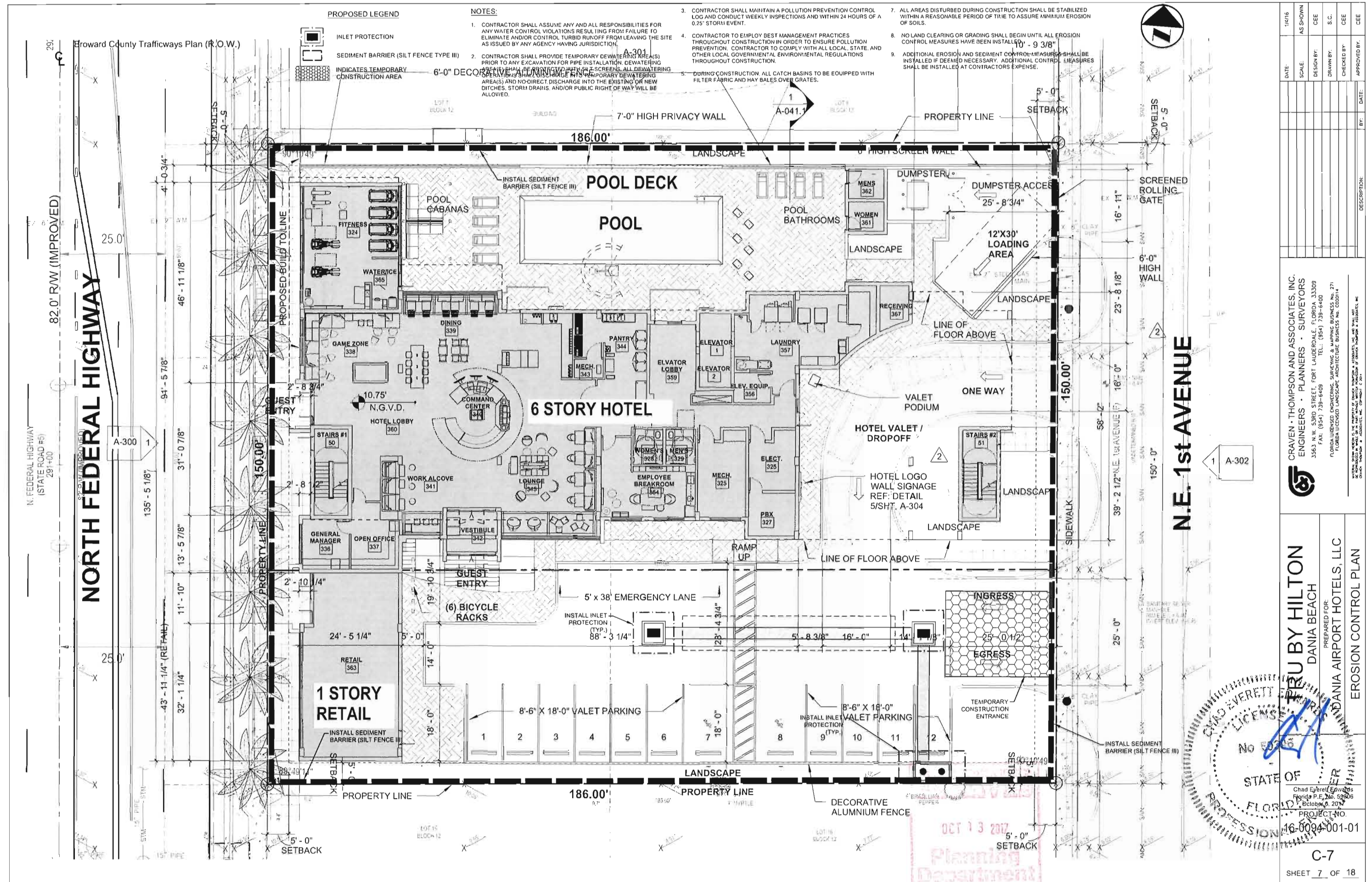


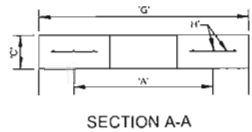
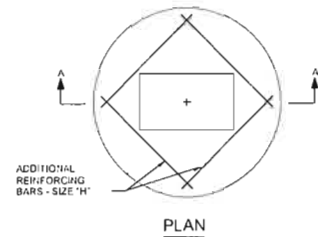
RUBY HILTON
DANIA BEACH

PREPARED FOR:
DANIA AIRPORT HOTELS, LLC

IMPROVEMENT MARKING AND SIGNAGE PLAN

C-6

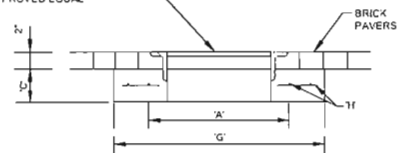
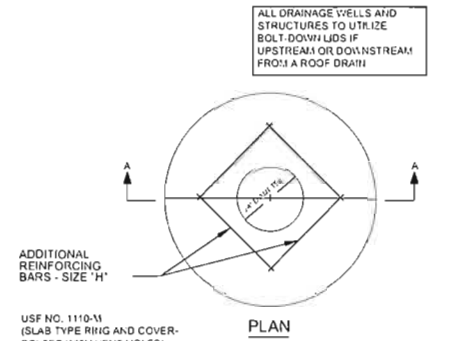




"A"	"B"	"C"	"D"
4'-0" / 8'	5'-4" / 8'	5'-4" / 8'	4 @ 8" C.C.E.W.
5'-0" / 8'	6'-4" / 8'	6'-4" / 8'	5 @ 8" C.C.E.W.
6'-0" / 10'	7'-4" / 10'	7'-4" / 10'	6 @ 8" C.C.E.W.
7'-0" / 10'	8'-4" / 10'	8'-4" / 10'	7 @ 8" C.C.E.W.
8'-0" / 10'	9'-4" / 10'	9'-4" / 10'	8 @ 8" C.C.E.W.

KEYNOTE: KEY CUT (AT BOTTOM OF TOP SLAB) IS REQUIRED WITH PRECAST TOPS ONLY.

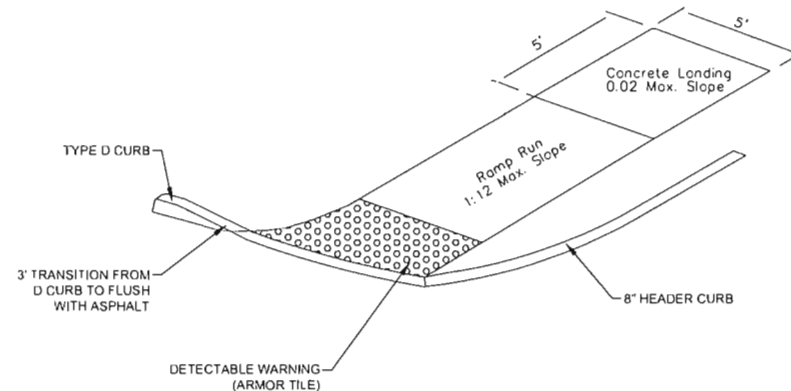
PRECAST CONCRETE-TOP SLAB
CATCH BASIN
SCALE: NONE



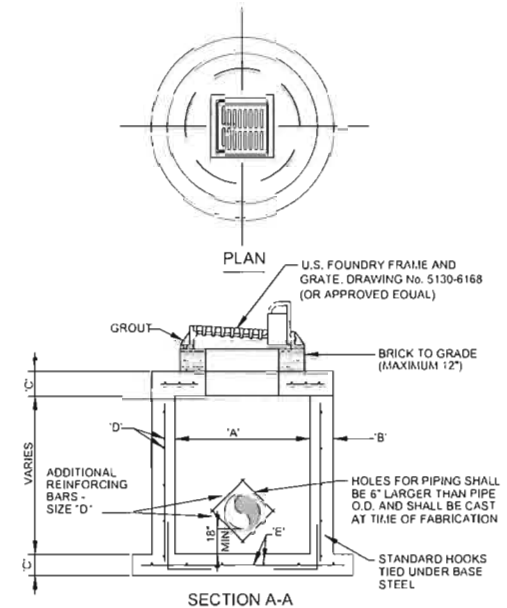
"A"	"B"	"C"	"D"
4'-0" / 8'	5'-4" / 8'	5'-4" / 8'	4 @ 8" C.C.E.W.
5'-0" / 8'	6'-4" / 8'	6'-4" / 8'	5 @ 8" C.C.E.W.
6'-0" / 10'	7'-4" / 10'	7'-4" / 10'	6 @ 8" C.C.E.W.
7'-0" / 10'	8'-4" / 10'	8'-4" / 10'	7 @ 8" C.C.E.W.
8'-0" / 10'	9'-4" / 10'	9'-4" / 10'	8 @ 8" C.C.E.W.

KEYNOTE: KEY CUT (AT BOTTOM OF TOP SLAB) IS REQUIRED WITH PRECAST TOPS ONLY.

PRECAST CONCRETE-TOP SLAB
MANHOLE
SCALE: NONE

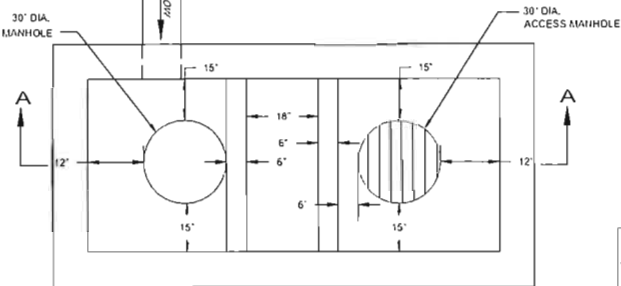
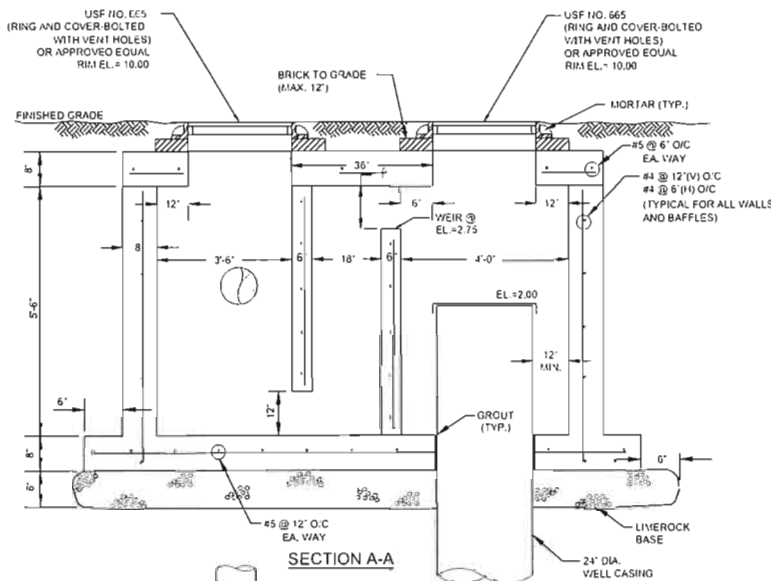


MODIFIED CR-21
SCALE: NONE



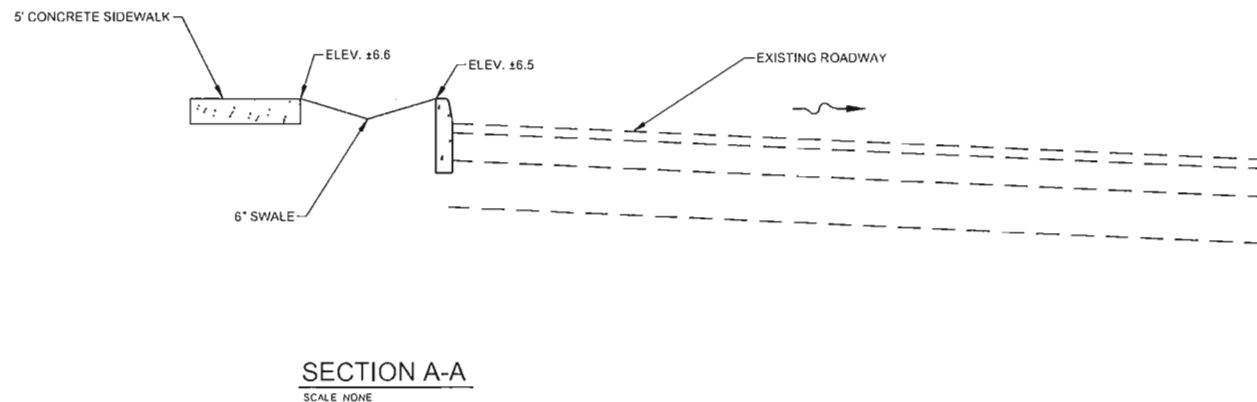
TYPE	"A"	"B"	"C"	"D"	"E"	"F"
C-4	4'-0" / 8'	5'-4" / 8'	5'-4" / 8'	4 @ 8" C.C.E.W.	4 @ 12" C.C.E.W.	6'-4" / 10'
C-5	5'-0" / 8'	6'-4" / 8'	6'-4" / 8'	5 @ 8" C.C.E.W.	5 @ 12" C.C.E.W.	7'-4" / 10'
C-6	6'-0" / 10'	7'-4" / 10'	7'-4" / 10'	6 @ 8" C.C.E.W.	6 @ 12" C.C.E.W.	8'-4" / 10'
C-7	7'-0" / 10'	8'-4" / 10'	8'-4" / 10'	7 @ 8" C.C.E.W.	7 @ 12" C.C.E.W.	9'-4" / 10'
C-8	8'-0" / 10'	9'-4" / 10'	9'-4" / 10'	8 @ 8" C.C.E.W.	8 @ 12" C.C.E.W.	10'-4" / 10'

PRECAST CIRCULAR
DRAINAGE STRUCTURES
SCALE: NONE



PRECAST DRAINAGE WELL # 1
SCALE: NONE

NOTES FOR ALL WELLS:
300 GPM 1 FT HD.
1. 5' x 10' STORM MANHOLE PER U.S. PRECAST COMPANY.
2. CONCRETE 4000 PSI @ 28 DAYS.
3. HOLES FOR PIPING SHALL BE 6" LARGER THAN PIPE O.D. AND SHALL BE CAST AT TIME OF FABRICATION.
4. WATER TABLE ELEVATION = 0.5' NAVD. 2' N.G.V.D.
5. PROVIDE 4 ADDITIONAL (DIAGONAL) TYPE 'D' REINFORCEMENT AROUND PIPE OPENINGS.
6. WELL SHALL HAVE A MINIMUM CAPACITY OF 2000 GPM. THIS NUMBER WAS CALCULATED USING 500 GPM PER FOOT OF HEAD. CONTRACTOR SHALL ANTICIPATE 170' CASING DEPTH WITH 30' OPEN HOLE DEPTH FOR PRICING PURPOSES. CONTRACTOR IS TO CONTACT ENGINEER AT VARIOUS DEPTHS DURING WELL TO DETERMINE ACTUAL DEPTH OF WELL BASED ON FIELD CONDITIONS.



SECTION A-A
SCALE: NONE

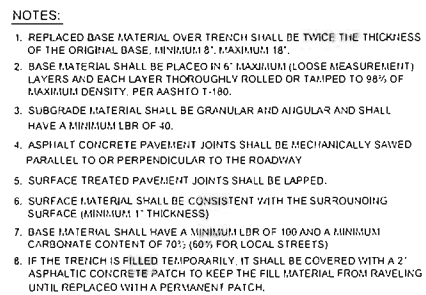
DATE:	SCALE:	DESIGN BY:	DRAWN BY:	CHECKED BY:	APPROVED BY:
1/4/16	AS SHOWN	CEE	S.C.	CEE	CEE

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ENGINEERS • PLANNERS • SURVEYORS
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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C030114
NATIONAL BOARD OF STANDARDIZATION & ASSOCIATES, INC. AND OTHER
DIVISION OF STANDARDIZATION & ASSOCIATES, INC. 1000 1ST ST. N.E. SUITE 200
ATLANTA, GEORGIA 30309-1200

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DANIA BEACH
DANIA AIRPORT HOTELS, LLC
SUBMITTAL AND DRAINAGE DETAILS 1
C-8
SHEET 8 OF 18

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STATE OF
FLORIDA
PROFESSIONAL ENGINEER
CHAOS EDDRETT EDWARDS
Florida P.E. No. 99308
October 6, 2017
PROJECT NO. 16-0094-001-001



The drawing consists of two main views: an Elevation view at the top and a Section view at the bottom.

ELEVATION

This view shows the front profile of the structure. It features two "STORM DRAINAGE STRUCTURE" units on the left and right. Between them is a central section with a "PERFORATED PIPE" and a "SOLID PIPE". The pipes are supported by "3-4\" WASHED ROCK". A "FINISH GRADE" line is shown at the top, with a note to "MAINTAIN MIN. 1'-9\" COVER". Dimensions include a "4'-0\" MIN." height for the structure, a "1'-0\" MIN." height for the rock bed, and a "3'-4\" WASHED ROCK" layer. A "STAINLESS STEEL STRAP" is shown connecting the structures.

SECTION

This view shows a cross-section of the structure. It is a rectangular box with a "6\" PEA ROCK" layer at the bottom. The total width is "V7=6.0'". The total height is "V7=14' T.O.D.". The structure is supported by "3-4\" WASHED ROCK". The top of the structure is at "FINISH GRADE". The bottom of the structure is at "EL. = T.O.D.". The side walls are "1'-0\" MIN." thick. The bottom of the structure is "1'-0\" MIN." thick. The top of the structure is "1'-0\" MIN." thick. The bottom of the structure is "1'-0\" MIN." thick.

NOTES

1. ESTIMATED SEASONAL HIGH WATER LEVEL EL. = 63.11 A.V.D.

2. 3-4\" WASHED ROCK

3. 6\" PEA ROCK

4. 1'-0\" MIN.

5. 1'-0\" MIN.

6. 1'-0\" MIN.

7. 1'-0\" MIN.

8. 1'-0\" MIN.

9. 1'-0\" MIN.

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92. 1'-0\" MIN.

93. 1'-0\" MIN.

94. 1'-0\" MIN.

95. 1'-0\" MIN.

96. 1'-0\" MIN.

97. 1'-0\" MIN.

98. 1'-0\" MIN.

99. 1'-0\" MIN.

100. 1'-0\" MIN.

The image contains three technical drawings of a concrete sidewalk:

- PLAN:** A top-down view of a sidewalk section. It shows a series of rectangular panels separated by vertical lines labeled "TYPE 'B' JOINT". A diagonal line with a break symbol indicates a continuation of the sidewalk.
- ELEVATION:** A side view of the sidewalk. It shows the top surface and the joints. A dimension line indicates a length of "5' TYPICAL" between two joints. The joints are labeled "TYPE 'B' JOINT".
- SECTION:** A cross-sectional view of the sidewalk. It shows the "CONCRETE SIDEWALK" on top of the "SUBGRADE". The concrete thickness is dimensioned as "12\"". The width of the concrete is labeled "WIDTH VARIES - SEE PLAN". The slope is indicated as "SLOPE 1/8\"-1/4\" UNLESS OTHERWISE NOTED".

Below the Section view, there is a detail of a "TYPE 'B' JOINT" showing the profile of the joint. It includes dimensions: a width of "1/8\"", a depth of "1-1/2\"", and a radius of "1/4\"R".

1. NOTES: SIDEWALK SHALL BE 4" THICK EXCEPT IN DRIVEWAYS AND PUBLIC RIGHT OF WAY WHERE THE THICKNESS SHALL BE 6".
2. SUBGRADE BELOW SIDEWALK SHALL BE A MIN. L.B.R. 40 COMPACTED TO 98% OF MAX. DENSITY PER A.A.S.H.T.O. T-180.
3. CONCRETE STRENGTH SHALL BE MIN. 3000 PSI @ 28 DAYS.

TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'B'	5 FEET CENTER TO CENTER ON SIDEWALKS.

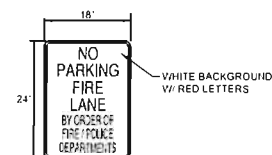
Diagram illustrating the cross-section of a trench, showing construction details and safety requirements:

- GRADE**: Indicated at the top of the trench walls.
- PROVIDE SAFE TRENCH SLOPE PER OSHA REQUIREMENTS**: Label pointing to the sloped trench walls.
- SEE NOTE 6**: Label pointing to the trench wall.
- MAINTAIN TRENCH WIDTH 1' ABOVE TOP OF PIPE**: Label pointing to the top edge of the trench.
- 1' MIN.**: Dimension indicating the minimum depth of the trench above the pipe.
- MAXIMUM WATER LEVEL ALLOWABLE DURING CONSTRUCTION**: Label pointing to the water level in the trench.
- 4" MIN.**: Dimension indicating the minimum depth of the bedding layer below the pipe.
- SPRING LINE**: Label pointing to the vertical line through the center of the pipe.
- 6" MAX. LAYERS OR APPROVED METHOD TO ACHIEVE 98% COMPACTION**: Label pointing to the bedding layer.
- HAUNCHING ZONE**: Label pointing to the area of bedding material around the pipe.
- UNDISTURBED SOIL**: Label pointing to the bottom of the trench.
- 12"**: Dimension indicating the width of the bedding material on either side of the pipe.
- PIPE O.D.**: Label pointing to the pipe.
- TRENCH WIDTH**: Label pointing to the total width of the trench at the bottom.
- BEDDING MATERIAL**: Label pointing to the bedding layer.
- 8" MAX. LAYERS OR APPROVED METHOD TO ACHIEVE 98% COMPACTION**: Label pointing to the bedding layer.

- NOTES:**
1. WHERE SOIL CONDITIONS CAN NOT BE MAINTAINED AS SHOWN ABOVE, PROVIDE APPROVED MEANS OF CONSTRUCTION.
 2. BEDDING MATERIAL SHALL CONSIST OF WELL GRADED ASTM C33 #67 ROCK (3/4" TO 1 1/2") AND BE PLACED TO SPRING LINE OF PIPE.
 3. SHEETING WILL BE REQUIRED AS DETERMINED IN THE FIELD.
 4. REFER TO SPECIFICATIONS FOR EXCAVATION IN CLUCK ON OTHER UNSUITABLE MATERIAL.
 5. COMPACTION PERCENTAGES SHOWN REFER TO AASHTO T-180.
 6. MECHANICAL COMPACTION NOT ALLOWED BELOW THIS LEVEL WITHIN 12" OF TOP OF PIPE.
 7. THOROUGHLY WORK IN AND TAMP THE BEDDING MATERIAL IN THE HAUNCHING ZONE BEFORE PLACING AND COMPACTING REMAINDER OF BACKFILL.

[illegible]

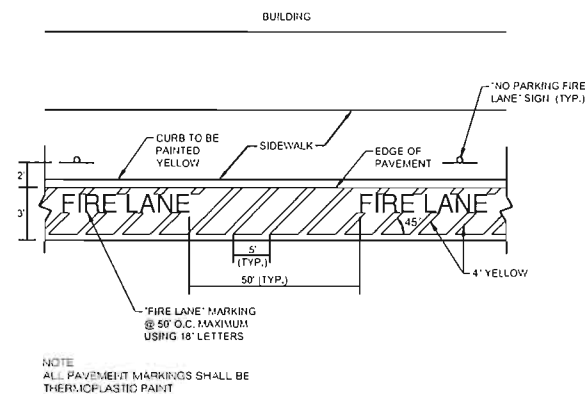
 CRAVEN • THOMPSON AND ASSOCIATES, INC.
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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C000114



R-53
FIRE LANE SIGN

NOTES

1) SIGN IS TO BE A MAXIMUM OF 7 FEET TALL.
2) SIGNS ARE TO FACE THE TRAFFIC FLOW
AND BE NO FURTHER THAN 75' APART.



The diagram illustrates a cross-section of a road with a curb and a fire lane. The fire lane is marked with yellow paint. The diagram is labeled "FIRE LANE CURB MARKING" and "SCALE: N.T.S.".

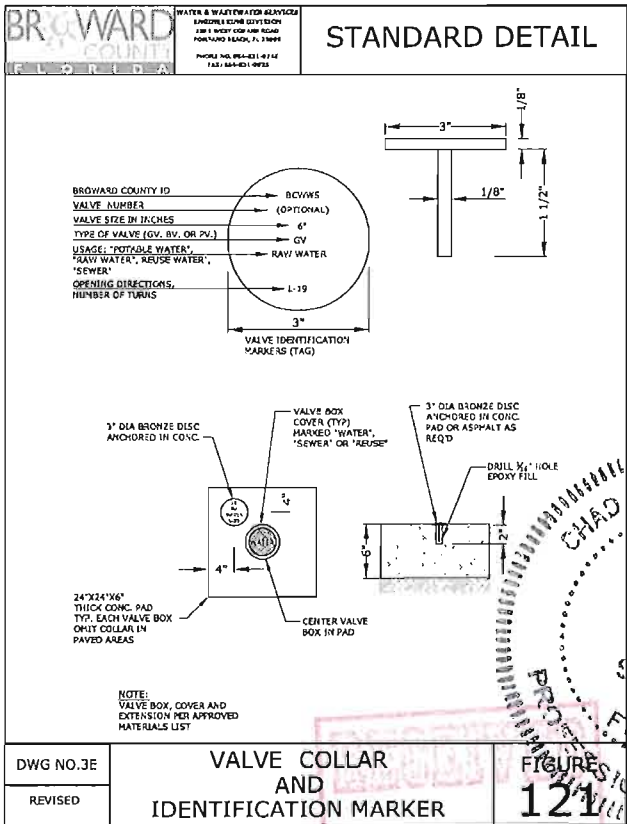
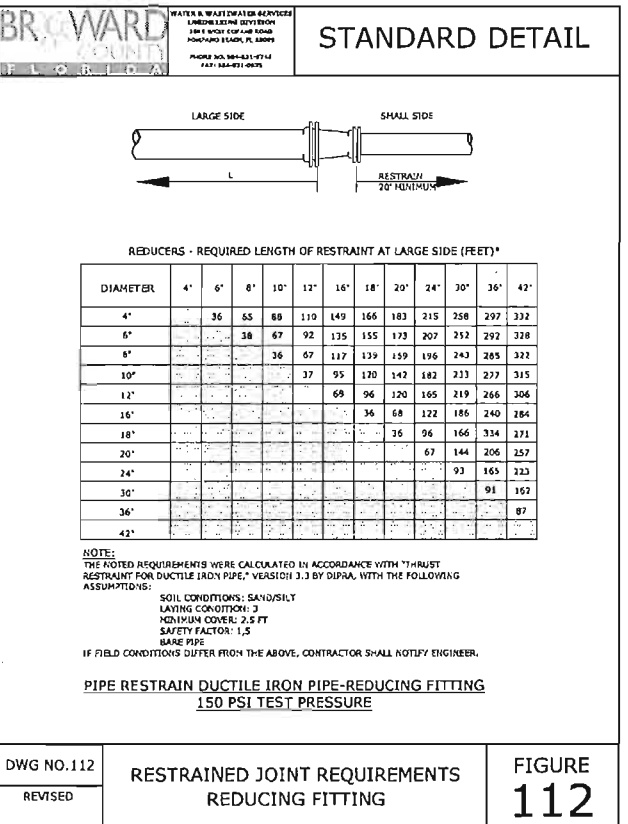
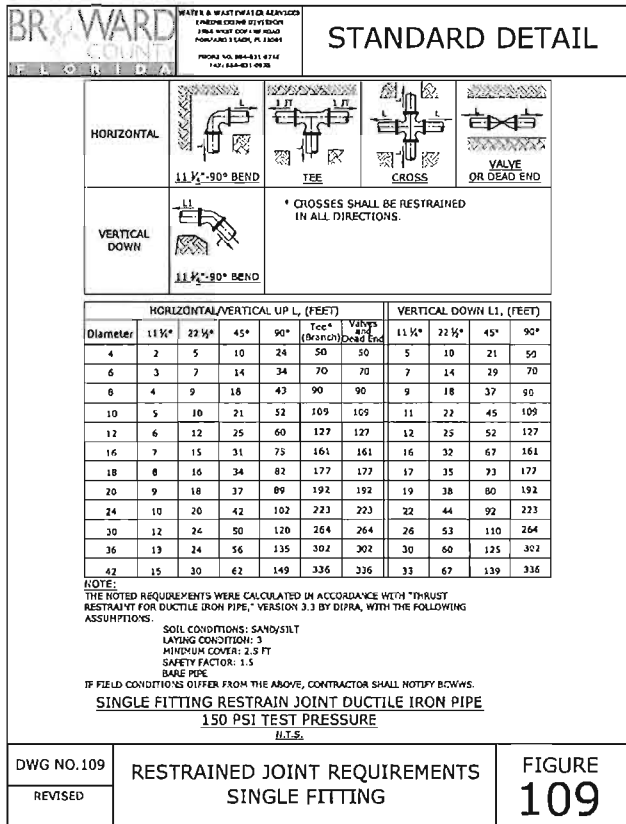
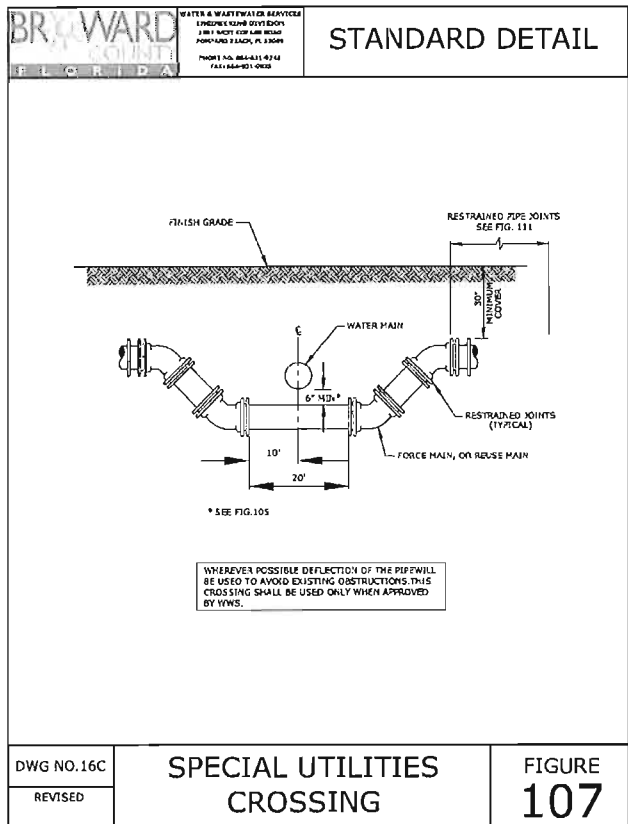
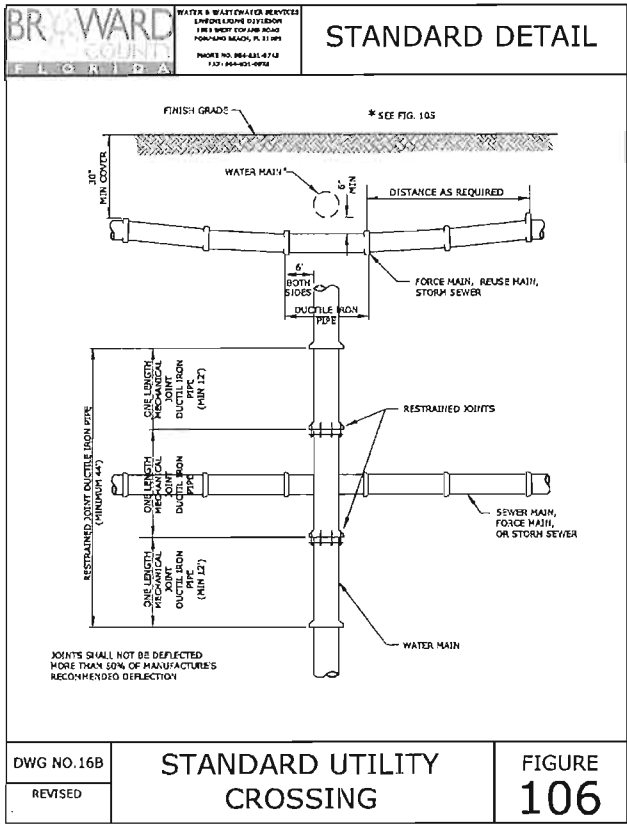
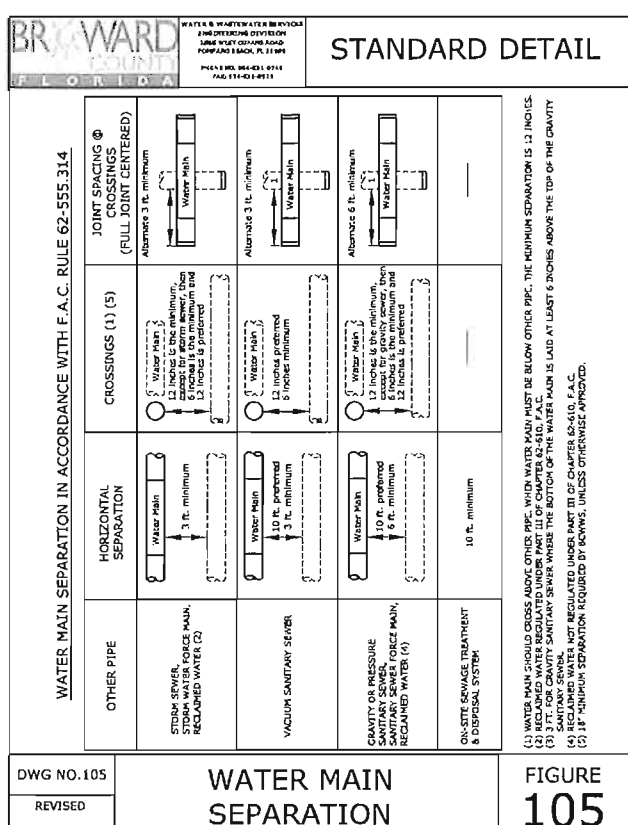
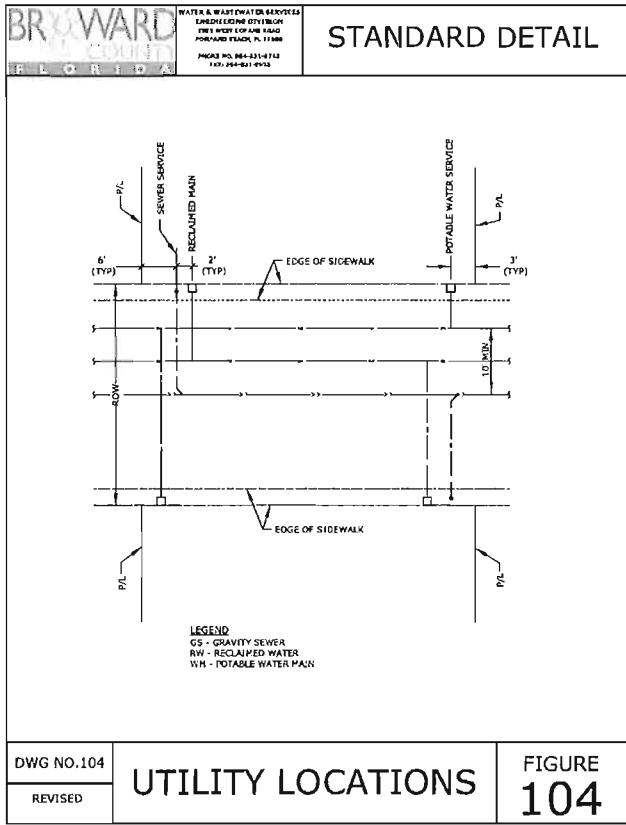
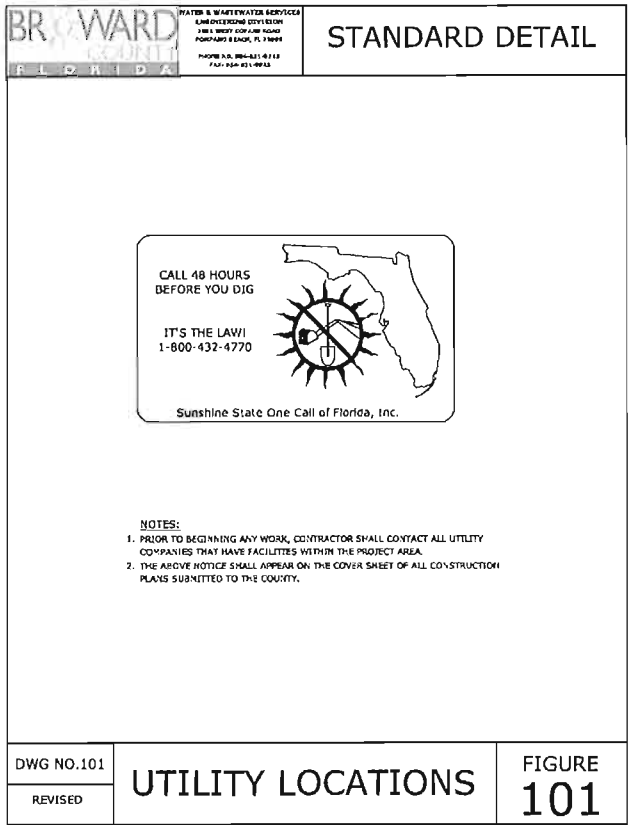
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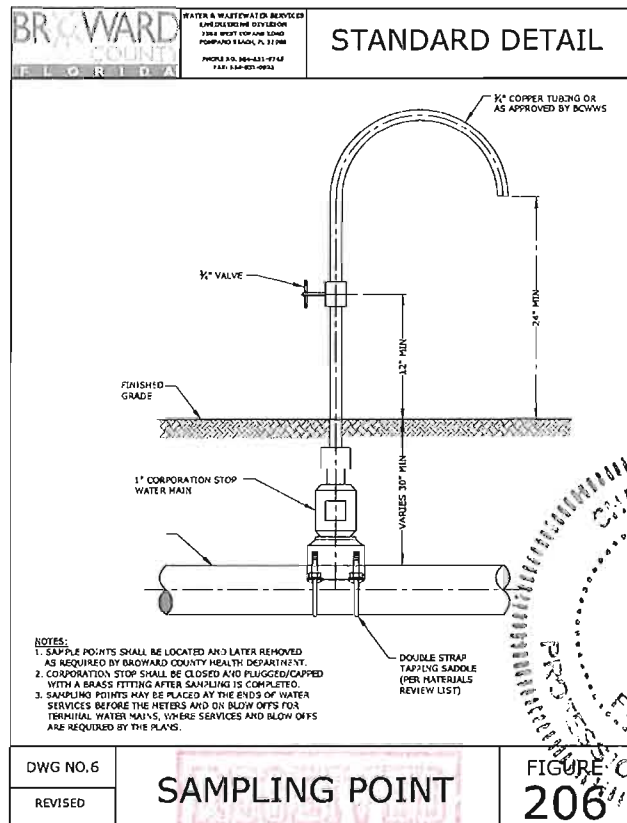
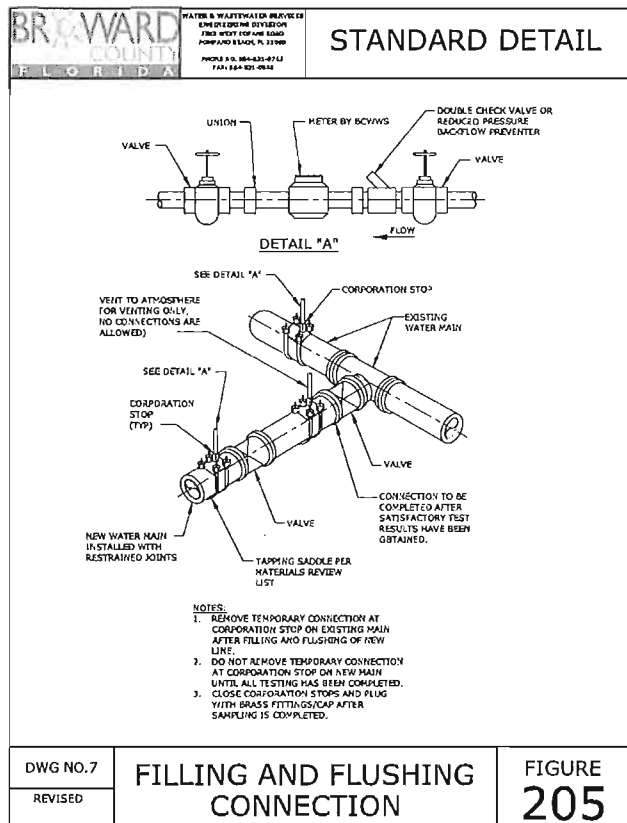
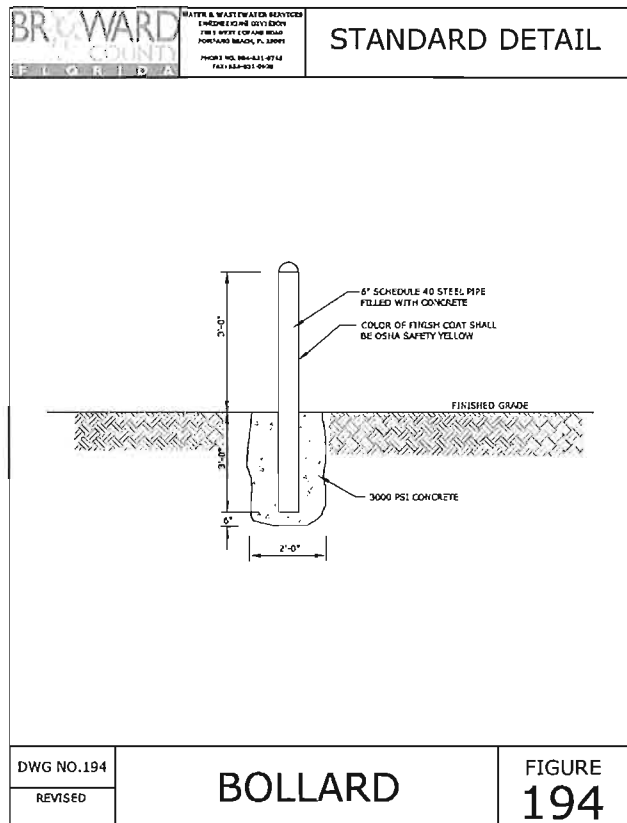
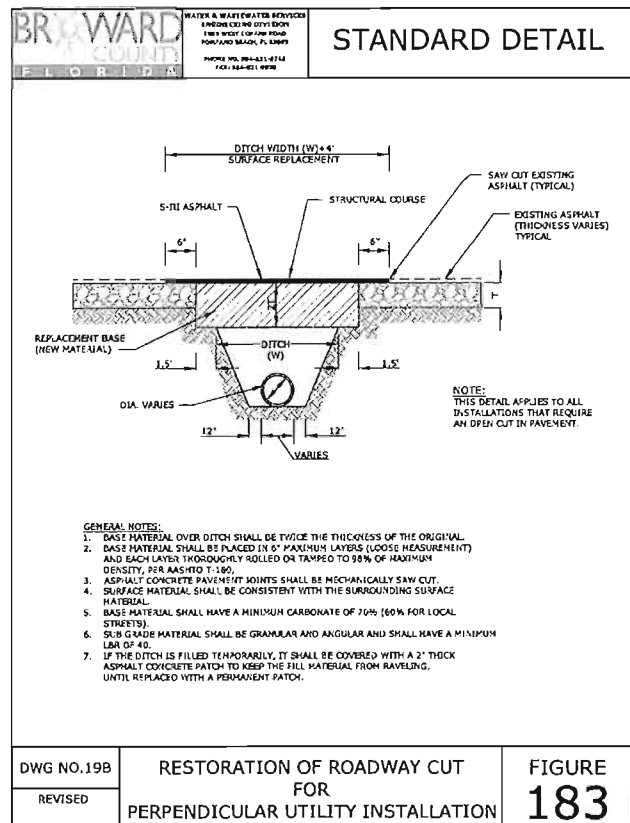
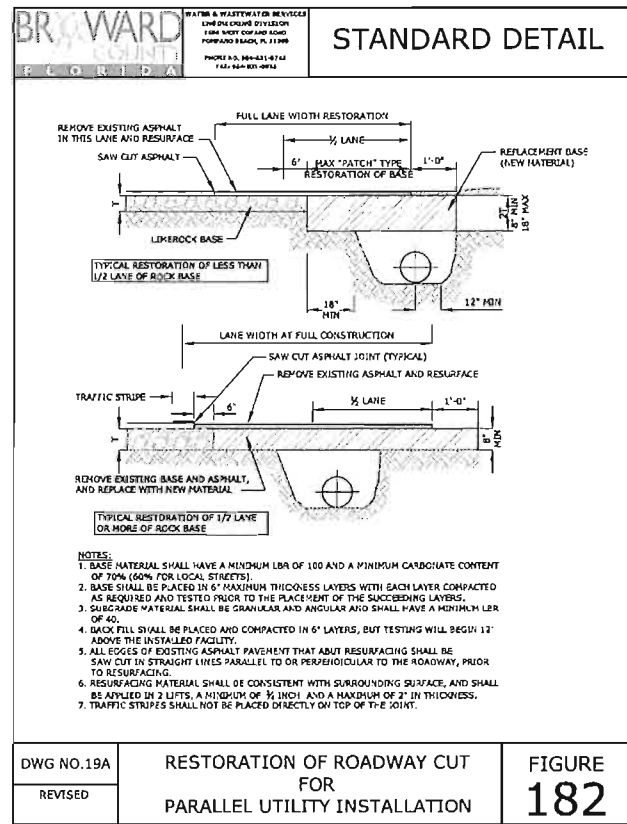
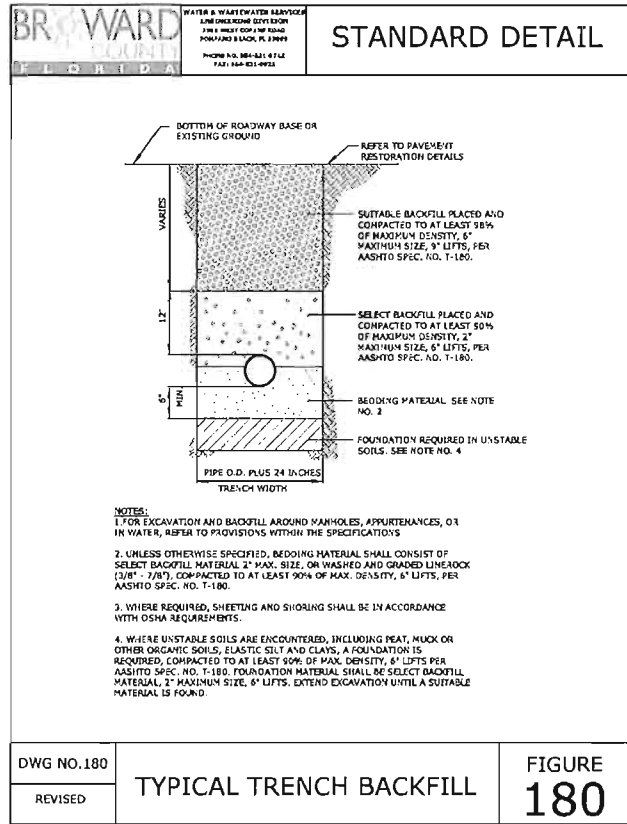
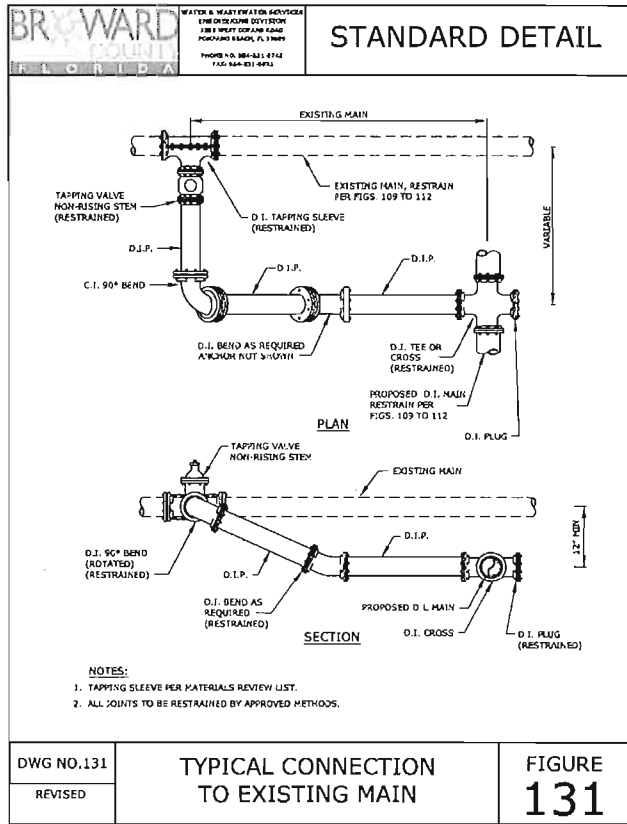
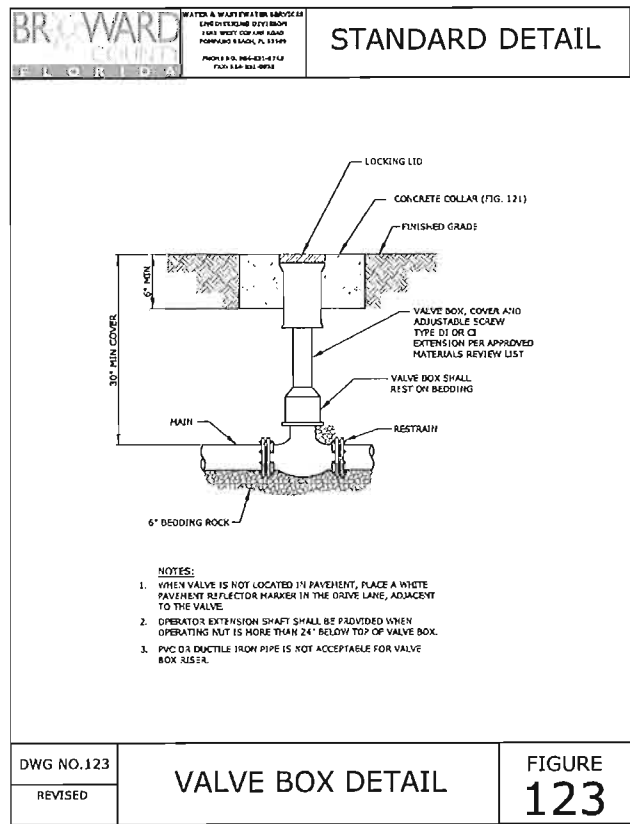
CHAD EVERETT EDWARDS
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NO. 59305
STATE OF FLORIDA
Chad Everett Edwards
Florida P.E. No. 59305
October 6, 2017
PROFESSIONAL BUREAU NO.
16-0094-001-01

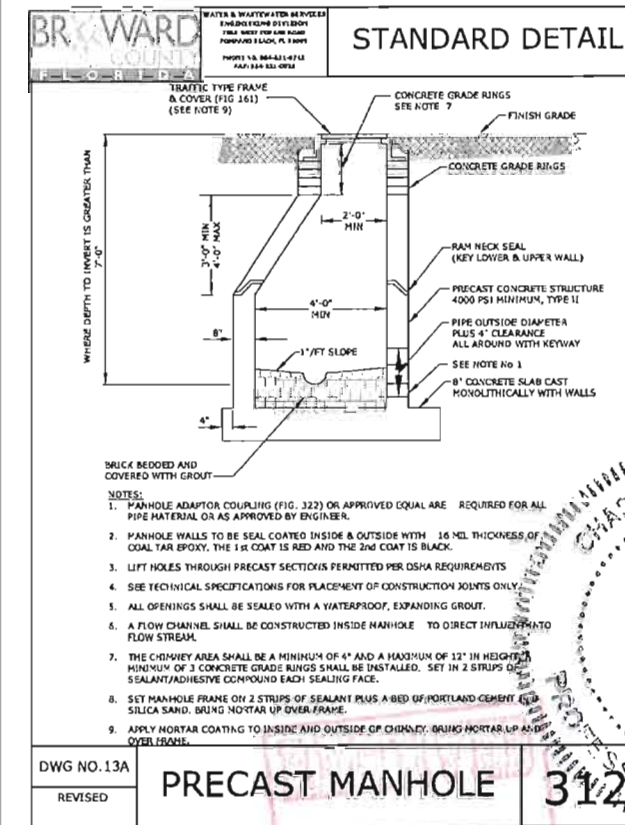
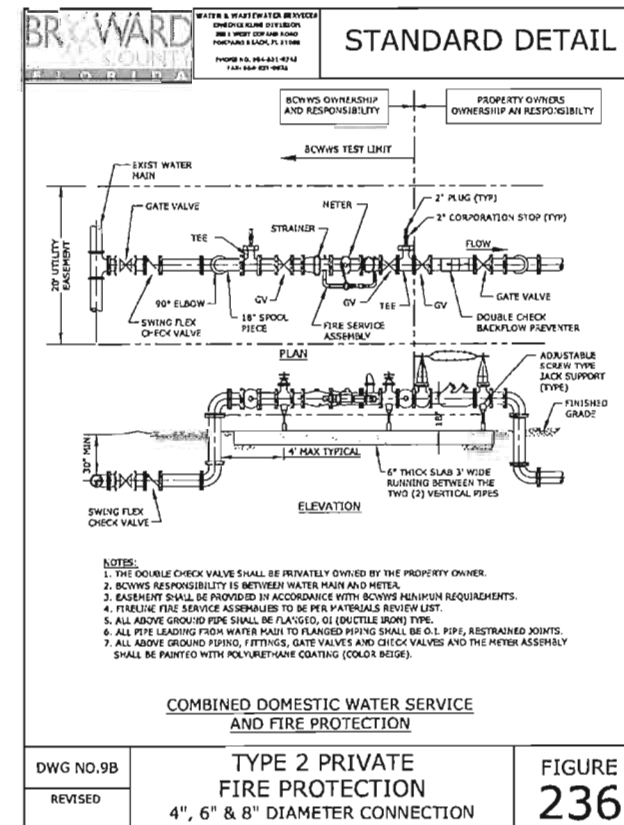
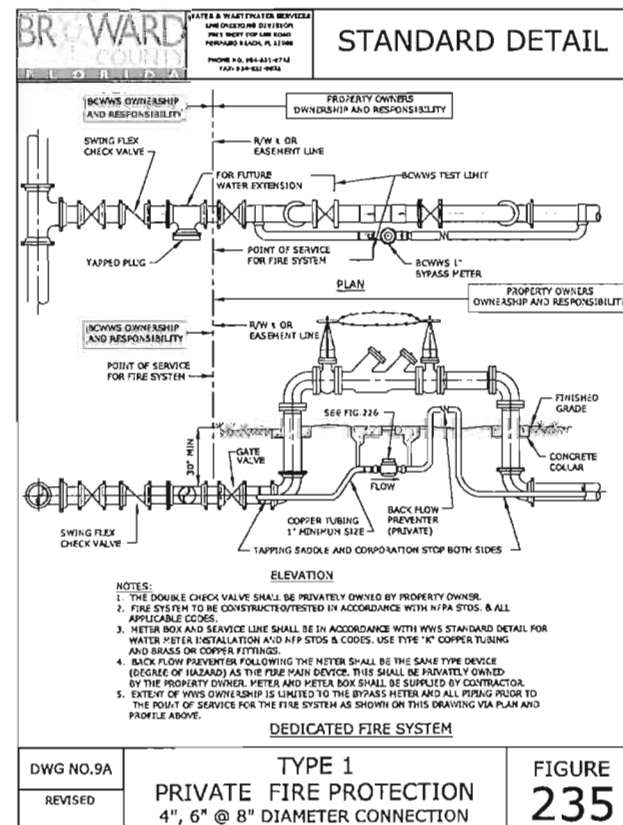
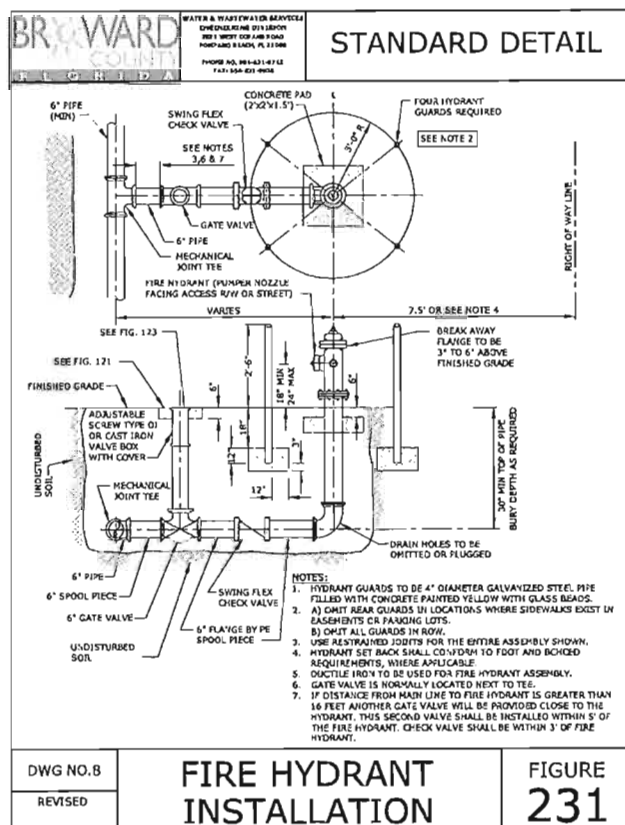
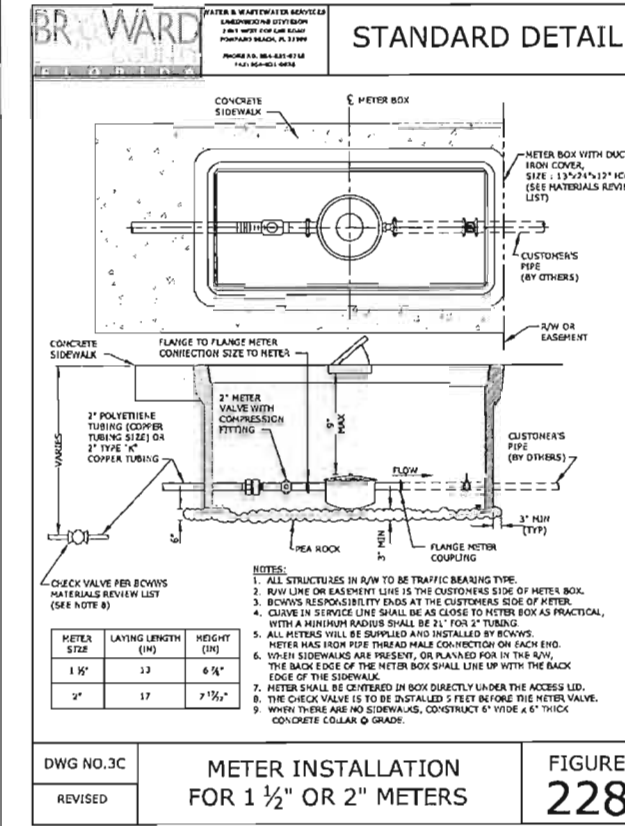
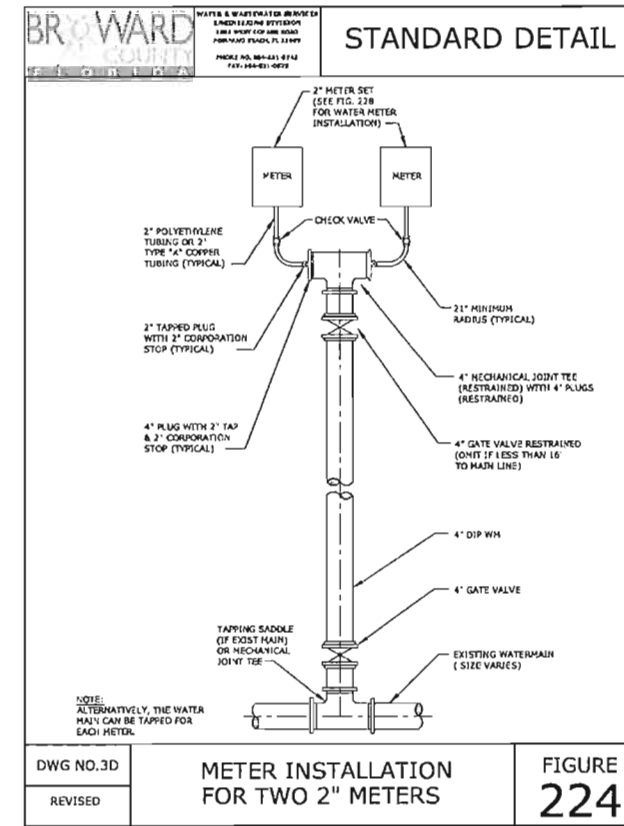
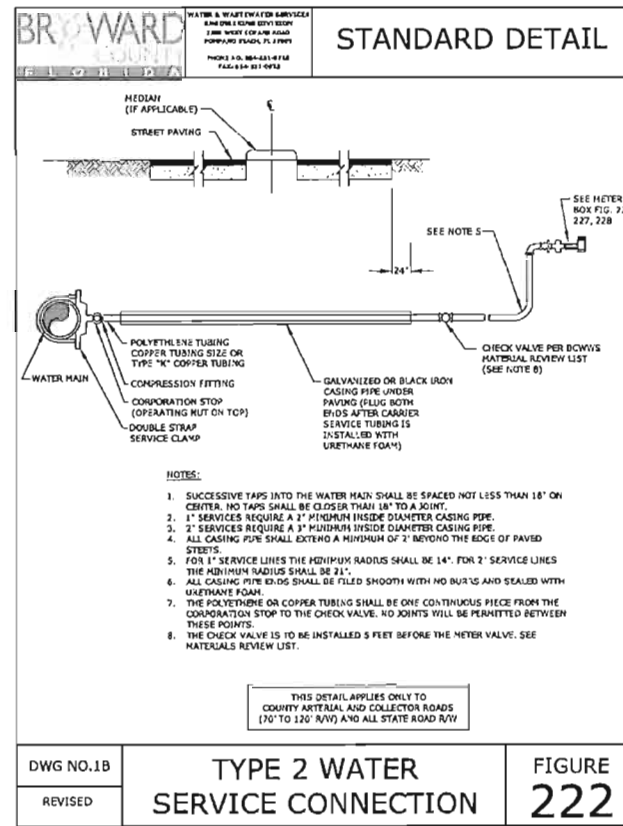
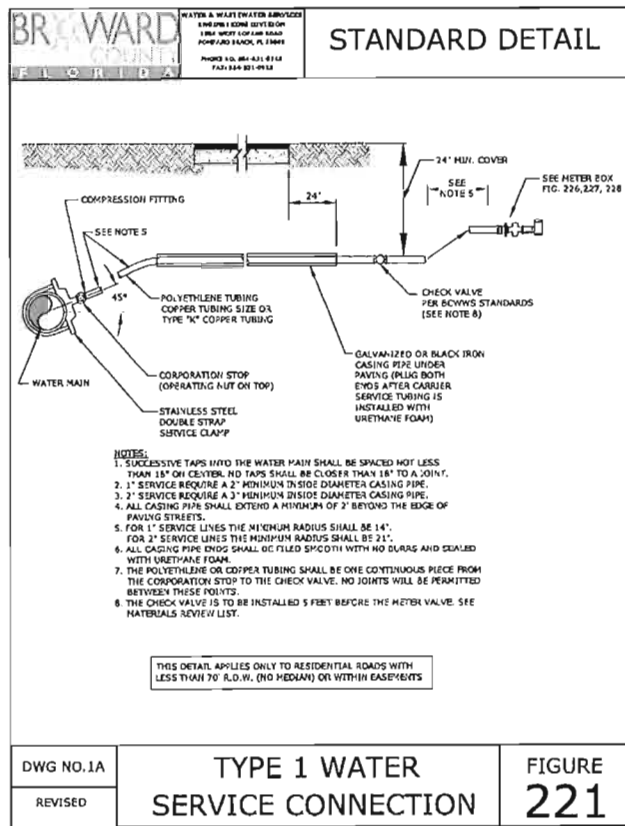
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PREPARED FOR:
DANIA AIRPORT HOTELS, LLC
PAVING AND DRAINAGE DETAILS

C-9

SHEET 9 OF 18





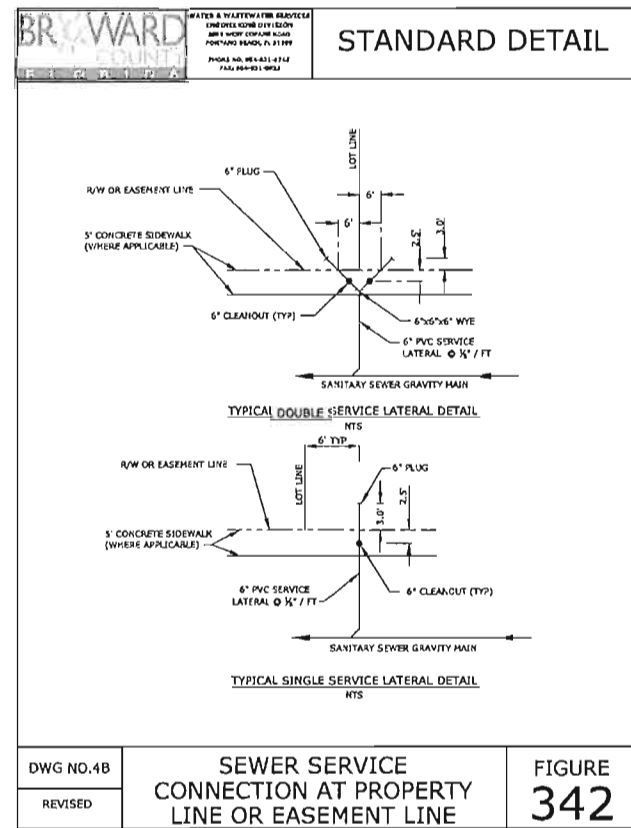
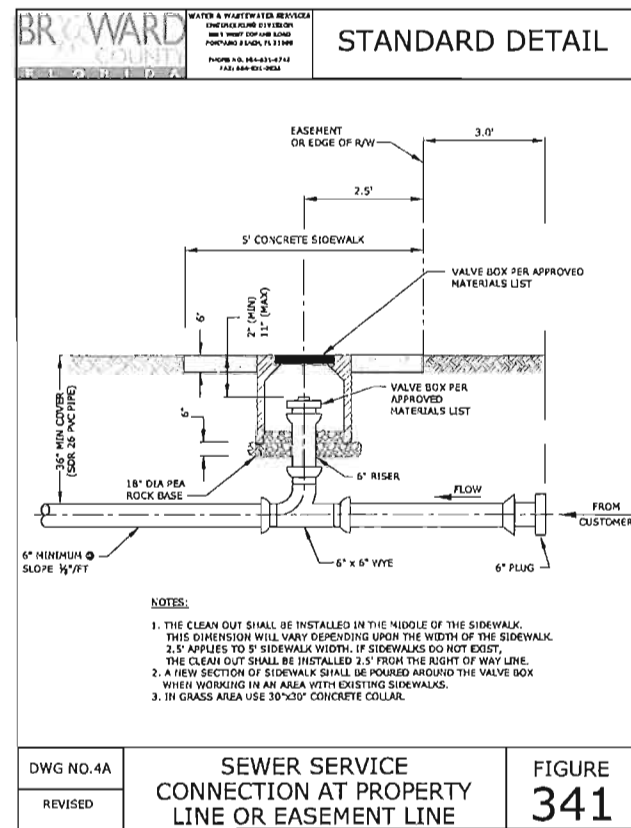
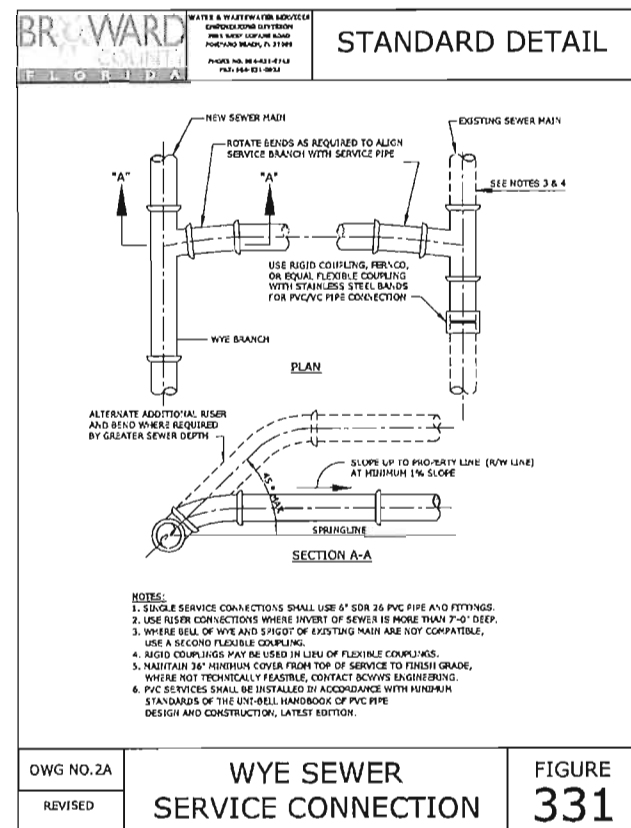
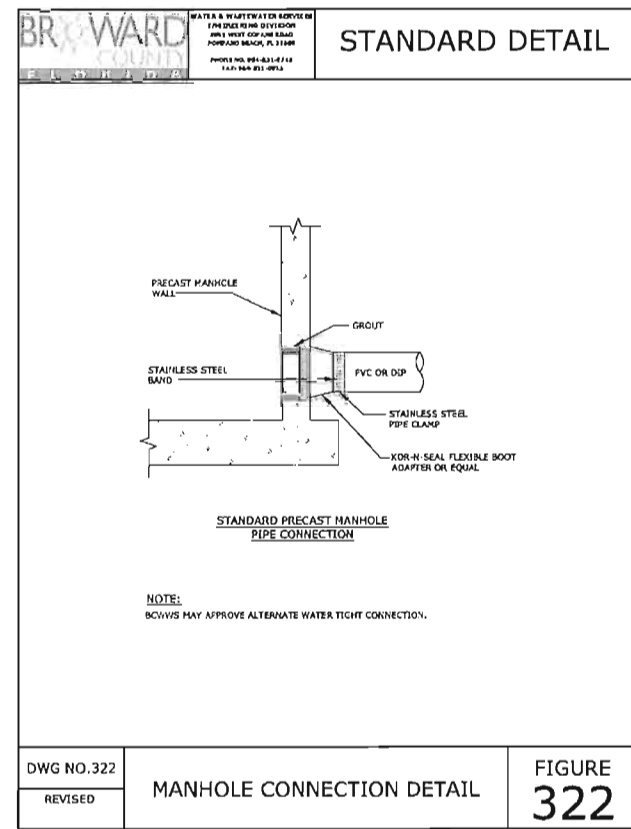
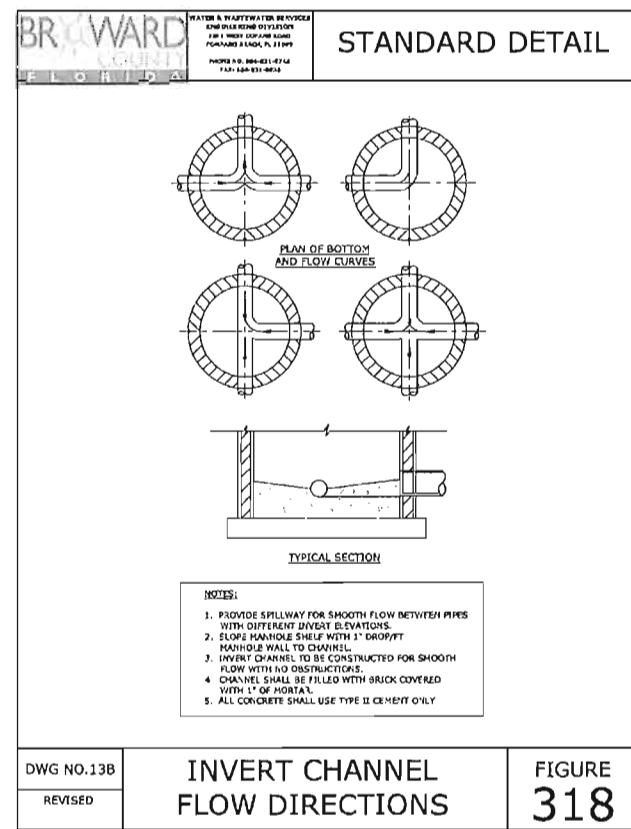
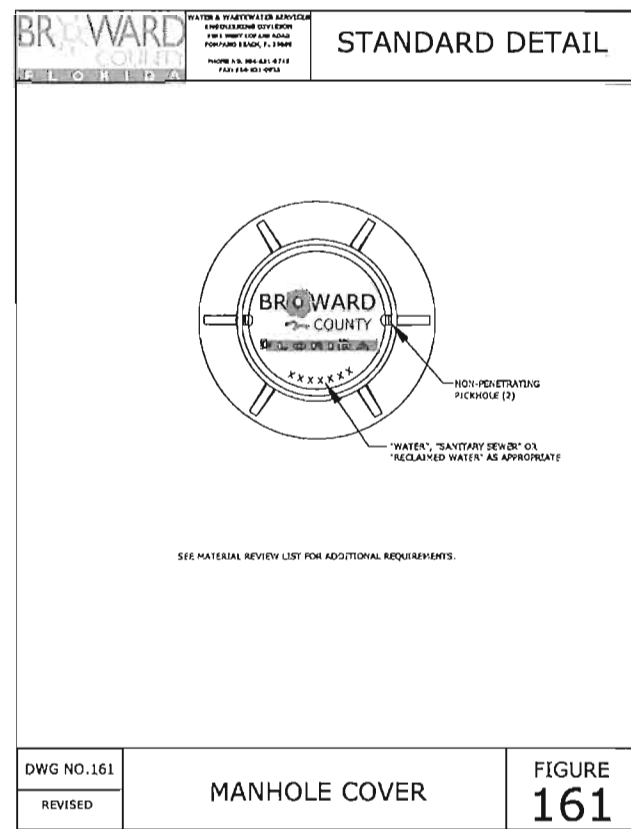
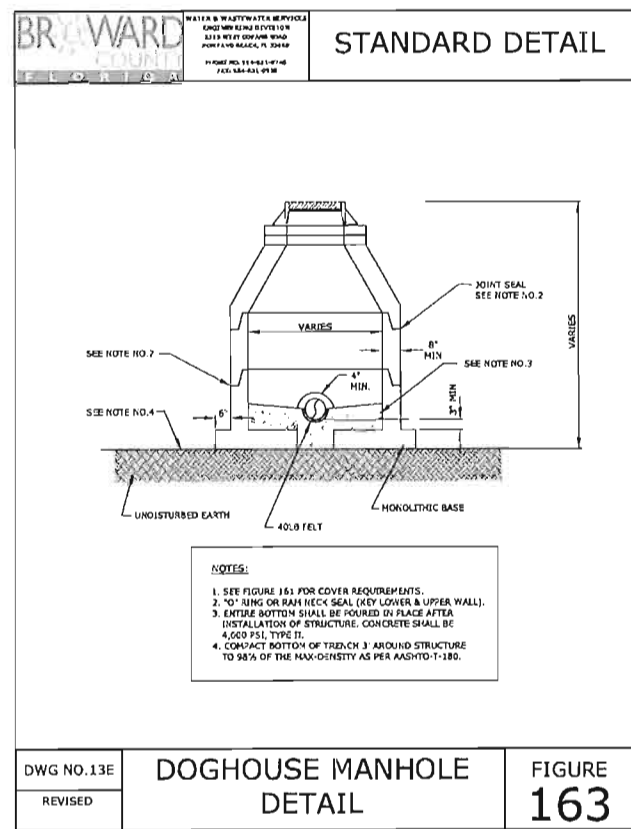


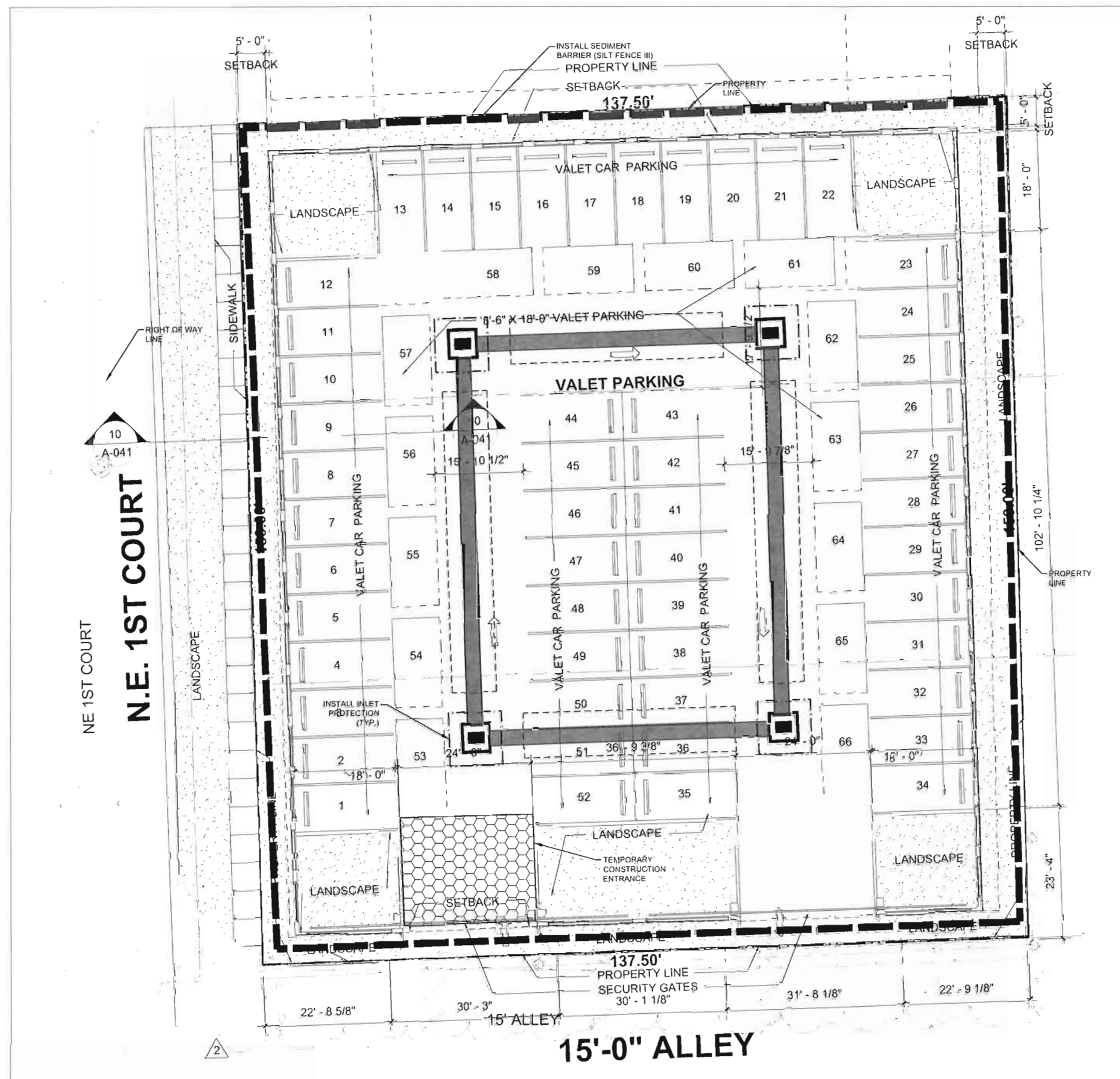
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ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409
TEL: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS NO. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C000114

BY HILTON
DANIA BEACH
PREPARED FOR:
DANIA AIRPORT HOTELS, LLC
WATER AND SEWER DETAILS 3

Chad Everett Edmonds
Florida R.E. No. 9300
May 3, 2017
PROJECT NO.
16-0094-001-01

C-12
SHEET 12 OF 18





PROPOSED LEGEND



NOTES:

1. CONTRACTOR SHALL ASSUME ANY AND ALL RESPONSIBILITIES FOR ANY WATER CONTROL VIOLATIONS RESULTING FROM FAILURE TO ELIMINATE AND/OR CONTROL TURBID RUNOFF FROM LEAVING THE SITE AS ISSUED BY ANY AGENCY HAVING JURISDICTION.
2. CONTRACTOR SHALL PROVIDE TEMPORARY DEWATERING AREA(S) PRIOR TO ANY EXCAVATION FOR PIPE INSTALLATION. DEWATERING AREA(S) SHALL BE PROTECTED WITH SILT SCREENS. ALL DEWATERING OPERATIONS SHALL DISCHARGE INTO TEMPORARY DEWATERING AREA(S) AND NO DIRECT DISCHARGE INTO THE EXISTING OR NEW DITCHES, STORM DRAINS, AND/OR PUBLIC RIGHT OF WAY WILL BE ALLOWED.
3. CONTRACTOR SHALL MAINTAIN A POLLUTION PREVENTION CONTROL LOG AND CONDUCT WEEKLY INSPECTIONS AND WITHIN 24 HOURS OF A 0.25" STORM EVENT.
4. CONTRACTOR TO EMPLOY BEST MANAGEMENT PRACTICES THROUGHOUT CONSTRUCTION IN ORDER TO ENSURE POLLUTION PREVENTION. CONTRACTOR TO COMPLY WITH ALL LOCAL, STATE, AND OTHER LOCAL GOVERNMENTAL ENVIRONMENTAL REGULATIONS THROUGHOUT CONSTRUCTION.
5. DURING CONSTRUCTION, ALL CATCH BASINS TO BE EQUIPPED WITH FILTER FABRIC AND HAY BALES OVER GRATES.
6. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITHIN A REASONABLE PERIOD OF TIME TO ASSURE MINIMUM EROSION OF SOILS.
7. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED.
8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY. ADDITIONAL CONTROL MEASURES SHALL BE INSTALLED AT CONTRACTORS EXPENSE.

DATE	SCALE	DESIGN BY	DRAWN BY	CHECKED BY	APPROVED BY
1/4/16	AS SHOWN	CEE	S.C.	CEE	CEE

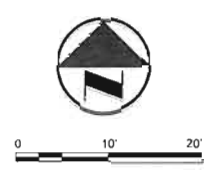
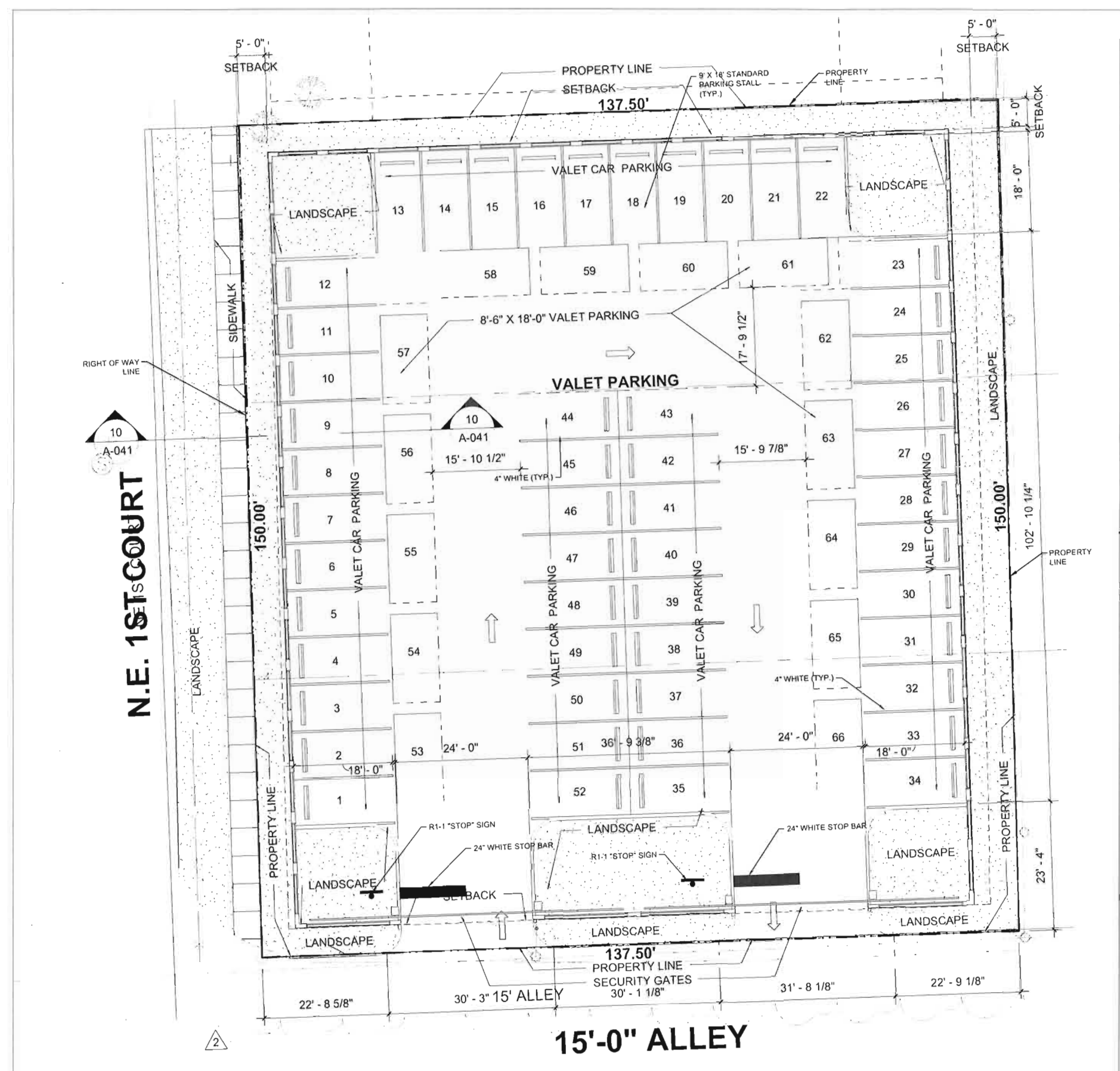
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3553 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 739-6409 FAX: (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & PLANNING BUSINESS NO. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS NO. C000114



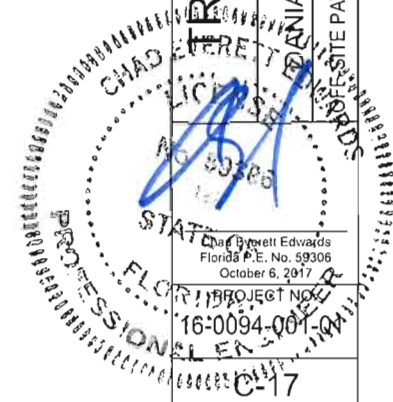
TRU BY HILTON
DANIA BEACH

PREPARED FOR:
SANTA AIRPORT HOTELS, LLC
OFF-SITE EROSION CONTROL PLAN

Chad Everett Edwards
Florida P.E. No. 59306
October 6, 2017
PROJECT NO.
16-0094-001-01
C-16



- NOTES:
1. ALL SIGNS TO BE REMOVED UNLESS OTHERWISE NOTED.
 2. ALL EXISTING PAVEMENT MARKINGS AND SIGNING DISTURBED DUE TO PROPOSED CONSTRUCTION ACTIVITIES SHALL BE REPLACED.
 3. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", LATEST EDITION, AND BROWARD COUNTY TRAFFIC ENGINEERING DIVISION STANDARDS (LATEST EDITION.)
 4. ALL PAVEMENT MARKING REFLECTIVITY SHALL BE 250 MILLICANDELLAS FOR WHITE AND 175 MILLICANDELLAS FOR YELLOW.
 5. FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE.
 6. ALL STOP SIGNS SHALL BE 30"x30" DIAMOND GRADE VIP REFLECTIVE MATERIAL.
 7. RAISED PAVEMENT MARKERS (RPM'S) SHALL BE CLASS "B" OR EQUAL, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
 8. EXISTING MARKINGS SHALL BE REMOVED BY WATER BLASTING OR SANDBLASTING ONLY.
 9. ALL STOP BARS TO BE 4" BEHIND CROSSWALK OR SIDEWALK.
 10. ALL EXISTING SIGNAL LOOPS AND OTHER APPURTENANCES DISTURBED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AND COORDINATED WITH B.C.H.C.E.D.
 11. ALL PARKING STALLS SHALL BE PAINTED WITH 4" WIDE WHITE PAINT LINE.



DATE	SCALE	DESIGN BY	DRAWN BY	CHECKED BY	APPROVED BY
	AS SHOWN	CEE	S.C.	CEE	CEE
DESCRIPTION					
BY: DATE:					

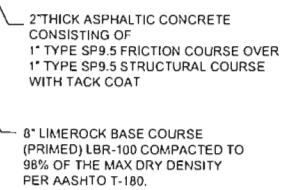
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3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
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FLORIDA LICENSED ENGINEERING SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

INTERNAL: CHAD EDWARDS IS THE PROPERTY OF CRAVEN • THOMPSON AND ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM. © 2017

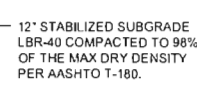
TRU BY HILTON
DANIA BEACH
PREPARED FOR:
DANIA AIRPORT HOTELS, LLC

PROJECT NO.:
16-0094-001-01
C-17

SHEET 17 OF 18



SCALE: N.T.S.



SCALE: N.T.S.

TREUBY HILTON
 DANIA BEACH
 PREPARED FOR:
 DANIA AIRPORT HOTELS, LLC
 SOFT-SITE CROSS SECTIONS
 Chad Everett Edgwards
 Florida P.E. No. 59308
 October 6, 2017
 PROJECT NO.
 16-0094-001-01
 C-18
 SHEET 18 OF 18

RESOLUTION NO. 2017-135

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-002-17) AND ASSOCIATED DESIGN VARIATIONS (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17), VARIANCES (VA-74-17, VA-81-17, VA-82-17, VA-84-17, VA-94-17) AND EXCEPTION (OT-73-17), AND USE OF HEIGHT INCENTIVE SUBMITTED BY DANIA AIRPORT HOTELS LLC, DANIA AIRPORT HOTELS 2 LLC AND DANIA BEACH INVEST, LLC FOR PROPERTIES GENERALLY LOCATED ON THE EAST SIDE OF NORTH FEDERAL HIGHWAY BETWEEN NW 1 STREET AND EAST DANIA BEACH BOULEVARD FOR THE HOTEL SITE AND ON THE EAST SIDE OF NE 1 COURT BETWEEN NE 1 STREET AND EAST DANIA BEACH BOULEVARD IN THE CITY OF DANIA BEACH, FLORIDA AS LEGALLY DESCRIBED IN EXHIBIT “A”, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONDITIONS; 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, Dania Airport Hotels, LLC, Dania Airport Hotels 2, LLC and Dania Beach Invest, LLC (collectively the “Applicants”) are requesting site plan approval to permit the development of a hotel project consisting of 115 hotel rooms and 997 square feet of commercial space to be located on the east side of North Federal Highway between NW 1st Street and East Dania Beach Boulevard for the hotel site and on the east side of NE 1 Court between NE 1 Street between NE 1 Street and East Dania Beach Boulevard in the City of Dania Beach, Florida, (the “City”), as legally described in Exhibit “A”; and

WHEREAS, Chapter 28, Part 3 of the LDC, entitled “Design District Overlay”, Article 301 “Legal and Administrative Provisions”, Section 301-50 “Variations in design; procedure for review of design variations”, states that the City may waive design-based requirements as part of a site plan application; and

WHEREAS, Chapter 28, Part 5 of the LDC, entitled “Signage and Design Regulations”, Article 510 “Principal Arterial Commercial Standards”, Section 510-20 “Applicability”, states that the City may approve exceptions to the guidelines as part of a site plan application; and

WHEREAS, Chapter 28, Part 5 of the LDC, entitled “Signage and Design Regulations”, Article 505 “Sign Regulations”, Section 505-180 “Relief from Requirements, Sign Variances”, states that the City Commission may grant sign variances based upon a determination that the petitioner has demonstrated that the necessary criteria identified in the LDC have been satisfied; and

WHEREAS, Chapter 28, Part 6 of the LDC, Article 625 “Variances”, Section 625-40 states that the City 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 has requested a design exception to not provide the required percentage of glass windows and doors where Section 510-30(H) provides that at least thirty-five (35%) of the primary elevation must be in glass windows and doors; and to provide more than three (3) colors in alternative colors on the external façade of the building where Section 510-30 (I) of the LDC states that coloration of all buildings shall have a maximum of (3) colors in a “earth tone” or light pastel colors (OT-73-17); and

WHEREAS, the Applicant has requested a design variation to provide parking in the first layer of property in the EDBB-MU zoning district where Section 303-60(E) of the LDC only permits parking in the second layer (OT-76-17); and

WHEREAS, the Applicant has requested a design variation to provide no on-street parking where Sections 306-20 “On Street Parking Requirements” and 309-10(C) “Complete Streets” of the LDC require on-street parking (OT-77-17); and

WHEREAS, the Applicant has requested a design variation from the provisions of Section 307-20 “Street landscaping and hardscaping” to provide Medjool/phoenix palms instead of the required Royal Palms; Oak trees and Pigeon Plums on NE 1st Avenue instead of the required Sabal Palms; and Oak Trees and Silver Buttonwoods on NE 1st Court instead of the required Sabal Palms (OT-78-17); and

WHEREAS, the Applicant has requested a design variation to provide 63% translucent glazing on the ground floor where Section 311-20(E)(1) of the LDC requires a minimum of 70% (OT-79-17); and

WHEREAS, the Applicant has requested a design variation to provide 62% of the building frontage on the Build-to-Line and 24’ of depth on the first layer where Section 303-

40(M) of the LDC requires a minimum of 70% building frontage on the Build-to-Line and a minimum of 30' in depth on the first layer (OT-80-17); and

WHEREAS, the Applicant has requested a variance to provide 15'-6" of aisle width on the off-site valet parking lot without unobstructed access from the parking spaces to the drive aisle and 23' of stacking from property line to entrance of parking stall where Sections 265-110(c)(2), (c)(5) and (c)(6) of the LDC requires a minimum of 24' of aisle width with unobstructed access from the parking space to the drive aisle and a minimum of 25' stacking required from the property line to the entrance of the first parking stall (VA-74-17) ; and

WHEREAS, the Applicant has requested a sign variance to provide four (4) wall signs with a sign area of 38.5 square feet each for a total combined sign area of 154 square feet and a letter height of 36" where Section 505-90(V)(1) and (V)(4) of the LDC limits the property to 2 wall signs limited to a total of 187.5 square feet of combined sign area and a letter height not to exceed 24" (VA-81-17); and

WHEREAS, the Applicant has requested a variance to provide 100% of the required parking as valet parking where Section 265-120 of the LDC limits valet parking to up to 10% of the required parking spaces (VA-82-17); and

WHEREAS, the Applicant has requested a variance from the provisions of Section 275-190 entitled "Plant material and installation requirements" to provide (i) less than the required shade/canopy trees where Section 275-190(D) of the LDC requires that 40% of the required number of trees shall be shade/canopy trees and (ii) to provide more palm trees than allowed by the LDC where Section 275-190(G) states that palms shall constitute no more than 20% of total trees (iii) to install trees with less than the required planting area where Section 275-190(H) requires a planting area of 225 sf with 15 feet being the in the smallest dimension for shade trees and 90 sf with 8 feet in smallest dimension for intermediate trees (VA-84-17); and

WHEREAS, the Applicant has requested a variance to provide 12% of the vehicular use area in landscaping where Sec. 275-100(B) "Overall VUA landscape requirement" provides that 20% of the total vehicular use area (exclusive of landscape buffers) shall be devoted to interior vehicular use area landscaping (VA-94-17); 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 proposed Site Plan (SP-002-17), Variances (VA-74-17, VA-82-17, VA-84-17, VA-94-17), Sign Variance (VA-81-17), Design Variations (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17), Design Exception (OT-73-17) and height incentives will protect the public 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 part of and incorporated into this Resolution by reference.

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-002-17), attached as Exhibit “B” which is made a part of and incorporated into this Resolution by reference is approved.

Section 3. That pursuant to Chapter 28, “Land Development Code”, Part 6 “Development review Procedures and Requirements,” Article 625 “Variances,” the following Variance applications (VA-74-17, VA-82-17, VA-84-17, VA-94-17) are approved consistent with the Site Plan provided in Exhibit “B”.

Section 4. That pursuant to Chapter 28 “Land Development Code,” Part 3 “Design District Overlay,” Article 301 “Legal and Administrative Provisions,” Section 301-50 “Variations in design; procedures for review of design variations,” the following Design Variations (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17) are approved consistent with the Site Plan provided in Exhibit “B”.

Section 5. That pursuant to Chapter 28, Part 5 of the LDC, entitled “Signage and Design Regulations”, Article 510 “Principal Arterial Commercial Standards,” Section 510-20 “Applicability”, the requested design exception (OT-73-17) is approved consistent with the Site Plan provided in Exhibit “B”.

Section 6. That pursuant to Chapter 28 “Land Development Code”, Part 5 “Signage and Design Regulations”, Section 505-180 “Relief from Requirements, Sign Variances”, the

requested sign variance (VA-81-17) is approved consistent with the Site Plan provided in Exhibit “B”.

Section 7. That the approvals granted by this Resolution are subject to the Applicant’s compliance with the following conditions:

1. Tree dispositions are not listed on the plans. Provide the disposition of each tree (remain, relocate, remove) and provide a legend for each disposition symbol on sheets LD-1 and LD-2 (LANDSCAPE CONSULTANT).
2. Several trees are listed in the arborist report as good candidates for relocation. These trees must be relocated or, per Sec. 825-90, demonstration that relocation is not possible on or offsite is required (LANDSCAPE CONSULTANT)
3. Provide a mitigation table listing the canopy area of each tree proposed for removal (in square feet), total canopy area proposed for removal (in square feet), and state how the mitigation will be met per Sec. 825-190. Provide the specimen tree value for specimen trees proposed for removal along with a statement stating that the specimen tree values will be donated to the City’s tree trust fund(LANDSCAPE CONSULTANT).
4. There was one item that remains to be submitted. This was discussed with the architect of record and the developer’s lawyer during the last DRC meeting – we need to understand how the parking valet service will be operated (ENGINEERING).
5. Per Section 505-90(C) identify cumulative sign area permitted and used. 1.5 s.f. of sign area permitted per linear foot of occupant street frontage. The north and south sides of this property are not street frontages, therefore 0 s.f. of sign area is earned. Revise Allowed/Provided accordingly.
6. Per Section 505-40(O)(5) “Cabinet signs are prohibited, except where constructed of an opaque sign face with translucent cut outs for sign copy such that only the sign copy itself is illuminated and the background is not illuminated.” Provide additional detail. Revise accordingly 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. 505-180 of the City’s LDR’s. The City also has a payment in lieu of parking which requires payment of \$6,500 per parking space not provided on site (\$6,500 X 19 = \$123,500). Must be addressed with next submittal.
7. The proximity to the airport will require FAA, and 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. 3rd time requested.
8. Revise Sheet A-304, Signage SQ. FT. Requirements Table, removing the frontage notes for the north and south facades, as the north and south property lines internal side lot lines that do not have any street frontage, therefore should be zero (0). Revise accordingly.

9. Revise Sheet A-304, Signage SQ. FT. Requirements Table, removing the reference to CRA Sign Bonus and correcting the allowable sign area to 93.75 square foot sign area permitted per street frontage. Revise accordingly.
10. Per Section 265 – 120:
 - (B) “The approved site plan and an agreement between the city and property owner(s) and approved by the city attorney, shall identify the number and location of parking spaces reserved for valet parking, and shall require that any use of the property for which valet parking is provided in order to satisfy the required number of parking spaces, shall cease immediately if for any reason the valet service is not provided at all times during the operation of the uses for which the parking is provided.” 3rd time requested. Provide copy of proposed agreement for staff and City Attorney review.
 - (C) “The site plan shall delineate the signage, and attendant-parking spaces. 3rd time requested.
 - (E) “The operator must possess a valid city local business tax receipt for a valet service. Each valet must be an employee of the operator and each must possess a valid State of Florida driver license. The operator shall have sufficient valets working at all times to avoid excessive stacking in the valet drop-off area. Excessive stacking shall exist when vehicles stacked for valet drop-off or pick-up extend into any drive aisle and impede the flow of routine traffic.” Needed prior to issuance of a building permit. 2nd time requested.
11. RAC TRAFFIC IMPACT MITIGATION: Provide an analysis, signed and sealed by a certified engineer, identifying the amount of RA mitigation for traffic impact due based on resolution No. 2014-049 which established a rate of \$21.26 per p.m. peak hour trip. Traffic study provided identifies 81 PM peak hour trips, therefore \$1,722.06 must be paid prior to issuance of a building permit.
12. 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.
13. 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.
14. Provide a unity of title to combine lots 9, 10, 13, & 14, as well as lots 1, 2, & 3 of Block 5. 2nd time requested.
15. Revise building elevations to ensure the building height matches the height identified on Sheet A-040, in the Site Data Table.
16. Based on the Incentive table on Sheet A-040, received on 10-13-17, the applicant is proposing to provide ten (10) public parking spaces via Payment in Lieu of Parking. Therefore a total of \$65,000 must be paid to the City, of which half, or \$32,500, must be

paid prior to issuance of a building permit. The remaining \$32,500 must be paid prior to issuance of the Certificate of Occupancy.

17. Based on the Incentive table on Sheet A-040, received on 10-13-17, the applicant is proposing to provide Public Park incentive payment in the amount of \$26,501 (payment of \$.50 per square foot of residential gross floor area – including hotels; 53,003 sf X .50 = \$26,501). Therefore, payment of \$26,501 must be paid prior to issuance of a building permit.
18. The City's LDC requires a total of ninety-six (96) parking spaces for the proposed hotel and retail space. The applicant is proposing to construct seventy-eight (78) parking spaces. The remaining eighteen (18) parking spaces must be provided for prior to issuance of a building permit.

Section 8. That pursuant to LDC Section 635-100 "Expiration of Site Plans", Section 625-50 "Expiration of Variances", the Site Plan (SP-02-17), Variances (VA-74-17, VA-82-17, VA-84-17, VA-94-17), Sign Variance (VA-81-71), Design Variations (OT-76-17, OT-77-17, OT-78-17, OT-79-17, OT-80-17), and Design Exception (OT-73-17) approvals shall automatically expire and become null and void unless the Applicant files a complete building permit application with construction drawings for the improvements shown on the Site Plan, within eighteen (18) months from the date of this Resolution.

Section 9. That the issuance of a development permit 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 permit 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 10. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 11. That this Resolution shall be in force and take effect immediately upon its passage and adoption.

PASSED AND ADOPTED October 24, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

**Exhibit “A”
Legal Description**

HOTEL SITE:

All of Lot 9, Lots 10 and 11, Less street right-of-way, ,and all of Lot 12, in Block 12 of TOWN OF MODELO (NOW DANIA BEACH) according to the Plat thereof as recorded in Plat Book B, Page 49, of the Public Records of Miami-Dade County, Florida, said lands now situate lying and being in Broward County, Florida.

Folio #: 50-4234-01-1790

Lots 13 and 14, Block 12, Town of Modelo (now DANIA BEACH), according to the Plat thereof recorded in Plat Book B, at Page 49, of the Public Records Dade County, Florida; Said lands situate, lying and being in Broward County, Florida, LESS the West 24 feet of said Lot 14 which has been heretofore conveyed to the State of Florida for highway purposes.

Folio #: 50-4234-10-1810

OFFSITE PARKING LOT:

Lots 1, 2 and 3, Block 5, Beachway Subdivision, according to the map or plat thereof, as recorded in Plat Book 8, Page(s) 33, of the Public Records of Broward County, Florida.

Folio #'s: 50-4234-12-0120, 50-4234-12-0130 and 50-4234-12-0140

**Exhibit “B”
Site Plan**

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Discussion

Continued from:

Requested Action (Identify appropriate Action or Motion)		
Discussion of Draft List of Proposed MPO Projects		

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

Fiscal Impact/Cost Summary

Exhibits Attached
Memorandum, MPO Projects List, MPO Projects Map



MEMORANDUM

TO: Robert Baldwin, City Manager

FROM: Marc LaFerrier, AICP, Director of Community Development 

DATE: October 24, 2017

SUBJECT: Transportation projects for consideration by the Broward Metropolitan Planning Organization (MPO)

This agenda item is being presented to the City Commission for discussion purposes. The City staff is preparing a draft list of transportation projects for consideration by the Broward Metropolitan Planning Organization (MPO). With Commission comments, staff will finalize the list of proposed MPO transportation projects with a City Commission resolution for the November 14, 2017 City Commission meeting. The approved list and City Commission resolution will be transmitted to the Broward MPO for consideration during their annual update of MPO plans, programs projects and grants.

BACKGROUND

The Broward (MPO) is a federally mandated agency that is responsible for policy and budgets related to transportation plans, programs and projects in Broward County. As the local planning board for Federal and State funded transportation programs, the MPO seeks to address the overall mobility needs of the County with local jurisdictions, various organizations and communities. The Broward MPO Board is comprised with representatives from each jurisdiction in the County.

Each year the Broward MPO updates its Long Range Transportation Plan (LRTP) and 5 Year Transportation Improvement Plan (TIP) and implements various grant and improvement programs and projects. The City staff has been working with MPO staff to determine the applicability of City transportation projects for MPO plans and programs.

The attached list of proposed transportation projects in Dania Beach have previously been approved or discussed with the City Commission or Community Redevelopment Agency (CRA) Board. The projects have been defined for certain MPO programs with the required eligible elements and features. The list is not comprehensive, coordinated or prioritized because it has not been derived from an approved City Transportation and Mobility Plan.

The City's adopted FY 2017/2018 Annual Budget includes \$100K for the development of a Transportation and Mobility Plan for the City. This plan will be prepared with the required data, analysis, community involvement and inter-agency and inter-jurisdictional coordination. As a result of this planning effort, a comprehensive and coordinated and prioritized list of transportation and mobility projects will be included in the plan. This list will be the basis for future submittals to the Broward MPO. It is anticipated that the City's Transportation and Mobility Plan will be completed in time for related projects to be considered with the City's Annual Budget and 5-year Capital Improvement Plan (CIP), and the Broward MPO's annual plan and program updates.

The attached draft list has information for each transportation project including: project name, location, estimated costs, description, phase and status. In addition, the list includes projects that are currently approved or funded by the Broward MPO and FDOT and those proposed by the City. A final project list and City Commission resolution will be submitted to the Broward MPO for consideration of the Broward MPO transportation plans and programs.

RECOMMENDATION:

Commission discussion.

Approved Broward MPO Transportation Projects

PHASE	ID #	PROJECT NAME	LOCATION	COSTS	TYPE/DESCRIPTION	PLAN STATUS
Design/Construction	DB-12	Bryan Road	Bryan Road FROM: - Stirling Road TO: - Griffin Road	\$4.1 M	Mobility: - New 3-lane roadway with turn lanes, drainage, sidewalks, lighting, bike lanes, landscaping and transit stops. - Includes improved intersections at Stirling Road, NW 1st Street and Griffin Road. - Developer funded and constructed.	Developer Funded
Design/Construction	DB-07	Stirling Road	Stirling Road FROM: - I-95 TO: - Bryan Rd	Developer funded	Access and Safety: - New roadway, intersections, lighting, sidewalks, transit stops and turn lanes. - Developer funded.	Developer Funded
Design/Construction	DB-10 FM: 4361961	SW 40 Street	SW 40 Street FROM: - Stirling Rd TO: - Griffin Rd	\$1.7 M	Mobility: Bike lane/ sidewalk	TIP Funded
Design/Construction	DB-11 FM: 4365441	Old Griffin Rd	Old Griffin Rd FROM: - Griffin Rd TO: - US-1	\$5.3 M	Mobility: Sidewalk on south side of roadway and multi-use path on north side.	TIP Funded

Approved Broward MPO Transportation Projects

PHASE	ID #	PROJECT NAME	LOCATION	COSTS	TYPE/DESCRIPTION	PLAN STATUS
Conceptual Design	DB-09 FM: 439170.1	South Broward I-95 Interchanges PD&E	Stirling Rd FROM: - Stirling Rd TO: - I-95 Griffin Rd FROM: - Griffin Rd TO: - I-95 Sheridan St FROM: - Sheridan St. TO: - I-95	\$6.5 M	Access and Safety: - PD&E for I-95 interchange expansion and improvements at Griffin Road, Stirling Road and Sheridan Street. - Project will be coordinated with Hollywood, Fort Lauderdale and FDOT.	L RTP Approved
Conceptual Design	DB-08 (LRTP# 4364141)	SR 5/US 1	US-1 FROM: - Aventura Mall TO: - Downtown Fort Lauderdale Terminal	\$4.7 M	Mobility and Transit: Upgrades to support enhanced bus service along US-1.	L RTP Approved
Conceptual Design	DB-06	SE 5th Ave	SE 5th Ave FROM: - Dania Beach Blvd TO: - Sheridan St	\$5 M	Complete Streets: Reconstruct roadway to include multimodal improvement for pedestrians, bicycles and transit.	L RTP Approved

Proposed Broward MPO Transportation Projects

PHASE	ID #	PROJECT NAME	LOCATION	COSTS	TYPE/DESCRIPTION	PLAN STATUS
Conceptual Design	DB-01	1st Street	NW 1ST Street FROM: - Bryan Rd. TO: - Federal Hwy	\$1.8 M	Complete Streets: - Sidewalks, two-way bike lane, paving, drainage, on-street parking and bike lanes. - Enhanced pedestrian FEC RR Crossings (NW 1 Street and W Dania Beach Blvd includes sidewalks, pedestrian gates, integrated with FEC RR Crossings improvements.)	Proposed CSLIP and TIP
Conceptual Design	DB-14	1st Avenue	NE 1st Avenue FROM: - NW 3 rd Street TO: - Stirling Road	\$1.4 M	Complete Streets: Sidewalks, paving, drainage, on-street parking and bike lanes.	Proposed CSLIP and TIP
Conceptual Design	DB-02	W Dania Beach Blvd Bridge over the C-10 Canal.	Dania Beach Blvd FROM: - Bryan Rd TO: - SW 12 Ave	\$5.5 M	Traffic Circulation and Access: 2-lane bridge with sidewalks and sharrows over C-10 canal. - Project will require R-O-W acquisition, as well as roadway and intersection improvements. - Developer contributed design and engineering costs.	Proposed LRTP
Conceptual Design	DB-03	Old Griffin and Griffin Road	Griffin Road FROM: - Old Griffin Rd. TO: - I-95 Ramp	\$2.1 M	Traffic Safety and Access: - New roadway for Old Griffin Road west of Bryan Road with an increase for Westbound capacity. - Redesign to a “4-legged” intersection with single phase signal at Griffin/Griffin, including by-pass slip ramp for West bound North I-95 access. - Project has conceptual plans from Broward County and FDOT. - Potentially developer funded with Broward County Impact Fees.	Proposed LRTP
Conceptual Design	DB-05	Ely Boulevard	Ely Boulevard FROM: - Stirling Rd TO: - Sheridan St.	\$ 1.1 M	Complete Streets: - Enhanced sidewalks, ADA ramps, paving, drainage and bike lanes. - Project will be coordinated with the City of Hollywood.	Proposed LRTP

Proposed Broward MPO Transportation Projects

PHASE	ID #	PROJECT NAME	LOCATION	COSTS	TYPE/DESCRIPTION	PLAN STATUS
Conceptual Design	DB-13	Sheridan Street	Sheridan Street FROM: - I-95 TO: - Us-1	n/a	Mobility: - Expansion of roadway from 4 lanes to 6 lanes including sidewalks, drainage, bike lanes, signals and intersections. - ROW acquisition is needed.	Proposed LRTP



CITY OF DANIA BEACH MPO TRANSPORTATION PLAN PROJECTS MAP

