

AGENDA
DANIA BEACH CITY COMMISSION
REGULAR MEETING
TUESDAY, SEPTEMBER 12, 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. Special Event request from Broward County Environmental Planning and Community Resilience Division for a Beach Cleanup on Saturday, September 16, 2017, from 9:00 a.m. – 12:00 p.m., at 300 North Beach Road

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 August 22, 2017 City Commission Meeting
Approve Minutes of the August 23, 2017 Budget Workshop

2. Travel Requests:

Request from Mayor Tamara James to attend the 2017 National League of Cities
Annual Conference City Summit in Charlotte, NC on November 16-19, 2017
(Estimated cost \$1,723.64)

3. RESOLUTION NO. 2017-099

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, SUPPORTING A BILL IN THE 2018 FLORIDA LEGISLATURE TO MAKE TEXTING WHILE DRIVING A PRIMARY OFFENSE UNDER FLORIDA LAW; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

4. RESOLUTION NO. 2017-100

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S ADMINISTRATION'S DECISION AND THE DEPARTMENT OF JUSTICE POSITION THAT THE CIVIL RIGHTS ACT DOES NOT AFFORD PROTECTION FROM EMPLOYMENT DISCRIMINATION ON THE BASIS OF SEXUAL ORIENTATION OR GENDER IDENTITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

5. RESOLUTION NO. 2017-101

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY; TO ENACT ANY AND ALL LEGISLATION, RULES, REGULATIONS AND POLICIES TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

6. RESOLUTION NO. 2017-102

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN INTERLOCAL AGREEMENT WITH BROWARD COUNTY, FLORIDA, RELATING TO THE REPLACEMENT OF THE EXISTING ENTRANCEWAY SIGN AND ASSOCIATED LANDSCAPING AT GRIFFIN ROAD AND U.S. HIGHWAY ONE; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

8. BIDS AND REQUESTS FOR PROPOSALS

9. PUBLIC HEARINGS

1. ORDINANCE NO. 2017-027

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 8, ENTITLED “BUILDINGS” OF THE CITY CODE OF ORDINANCES OF THE CITY OF DANIA BEACH, TO REQUIRE CERTAIN FENCE COVERINGS FOR COMMERCIAL PROPERTIES UNDER CONSTRUCTION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.
(SECOND READING)

2. ORDINANCE NO. 2017-028

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, THE “LAND DEVELOPMENT CODE,” OF THE CITY CODE OF ORDINANCES BY AMENDING ARTICLE 115, “INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE,” SECTION 115-50 “CONDITIONS OF USE” PROVIDING FOR REGULATIONS CONCERNING SEPARATION REQUIREMENTS FOR ELECTRICAL POWER PLANTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

3. ORDINANCE NO. 2017-029

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) TO FUND A LIFT STATION REHABILITATION PROJECT (LIFT STATION NUMBERS 5, 7 AND 10); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

4. ORDINANCE NO. 2017-030

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE GENERAL EMPLOYEES (“GE”) PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

5. ORDINANCE NO. 2017-031

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE POLICE AND FIREFIGHTERS (“P&F”) PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

6. ORDINANCE NO. 2017-032

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR FIRE RESCUE SERVICES PROVIDED BY THE BROWARD SHERIFF’S OFFICE (“BSO”); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

7. ORDINANCE NO. 2017-033

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR POLICE SERVICES PROVIDED BY THE BROWARD SHERIFF’S OFFICE (“BSO”); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

8. ORDINANCE NO. 2017-034

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE SOLID WASTE REMOVAL SERVICES AGREEMENT WHICH SERVICES ARE PROVIDED BY WASTE MANAGEMENT INC. OF FLORIDA (“WMI”); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

9. ORDINANCE NO. 2017-035

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE LARGE USER SEWER AGREEMENT WHICH SERVICES ARE PROVIDED BY THE CITY OF HOLLYWOOD; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

10. ORDINANCE NO. 2017-036

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING THE FUTURE LAND USE ELEMENT OF THE DANIA BEACH COMPREHENSIVE PLAN TO CHANGE THE FUTURE LAND USE TEXT TO ADD AN ELECTRICAL GENERATION FACILITIES LAND USE CLASSIFICATION AS ATTACHED HERETO AND TO AMEND THE FUTURE LAND USE PLAN MAP TO CHANGE THE DESIGNATION OF APPROXIMATELY 373 GROSS ACRES AS LEGALLY DESCRIBED IN EXHIBIT “A” ATTACHED TO THIS ORDINANCE, FROM UTILITIES AND INDUSTRIAL TO ELECTRICAL GENERATION FACILITIES FOR PROPERTY LOCATED AT 3051 SW 30th AVENUE, PURSUANT TO A REQUEST SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC./LEIGH R. KERR, AICP ON BEHALF OF THE PROPERTY OWNER, FLORIDA POWER & LIGHT COMPANY (LU-87-17); PROVIDING FOR TRANSMITTAL TO THE BROWARD COUNTY PLANNING COUNCIL AND STATE AGENCIES; PROVIDING FOR ADOPTION PURSUANT TO SECTION 163.3184, FLORIDA STATUTES; REQUESTING RECERTIFICATION FROM THE BROWARD COUNTY PLANNING COUNCIL; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

11. RESOLUTION NO. 2017-103

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-029-17) AND VARIANCE (VA-58-17) APPLICATIONS SUBMITTED BY SYNALOVSKI ROMANIK SAYE ON BEHALF OF THE PROPERTY OWNER MARINA INDUSTRIAL PARK, LLC FOR PROPERTY LOCATED AT 2401 SW 31 STREET IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT A, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

10. DISCUSSION AND POSSIBLE ACTION

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
Vice-Mayor Harris - 1 appointment
2. Green Advisory Board
1 Alternate Position

13. ADMINISTRATIVE REPORTS

1. City Manager
2. City Attorney

3. City Clerk - Reminders

Wednesday, September 13, 2017 - 5:01 p.m.

Tuesday, September 19, 2017 - 5:01 p.m.

Tuesday, September 26, 2017 - 7:00 p.m.

First Budget Public Hearing

Second Budget Public Hearing

City Commission Meeting

14. ADJOURNMENT

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Special Event

Continued from:

Requested Action (Identify appropriate Action or Motion)		
Special Event request from Broward County Environmental Planning and Community Resilience Division for a Beach Cleanup on Saturday, September 16, 2017, from 9:00 a.m. – 12:00 p.m., at 300 North Beach Road		

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

Fiscal Impact/Cost Summary

Exhibits Attached
Memo to Commission, Special Event Application



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: September 12, 2017

To: Honorable Mayor and Commissioners

From: Robert Baldwin, City Manager

Through: Mark Felicetty, Parks and Recreation Director

By: Sherie Dunleavy, Office Manager

Subject: Broward County Beach Clean-up

Event Date: September 16, 2017

A Special Event is requested by Broward County Environmental Planning and Community Resilience Division to have a Beach Cleanup September 16, 2017 from 9:00 a.m. – 12:00 p.m. at 300 North Beach Road.

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	No issues raised.	
BSO Police Dept. - Lt. Manfre	Approved as requested.	
Code Enforcement - Eric Walton	Parking passes for volunteers approved.	
Community Dev. - Julio Briceno	No issues raised.	

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.	



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:

Ocean Conservancy International Coastal Cleanup, September 16, 2017 from 9am to 12pm.

*Brief Description of the Event: annual volunteer effort to cleanup beaches and waterways around the world.

Address/Location of Event: Alder Park, larger north pavilion.

Event Coordinator: Pat Quinn

Telephone #1: 954-519-1218 E-mail Address: pquinn@broward.org

Telephone #2: 954-895-8544 Fax: 954-519-1496

Additional Contact Person for the Event: Angel Rovira

Telephone #1: 954-519-1296 E-mail Address: arovira@broward.org

Telephone #2: 954-914-0006 Fax: 954-519-1496

Organization or Sponsor of Event: Broward County, Environmental Planning & Community Resilience Division

Address: 115 South Andrews Ave, Room 329H

City, State, Zip Code: Fort Lauderdale, FL 33301

Telephone: 954-519-1270 Fax: 954-519-1496 Cell:

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

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

Date of Incorporation: State of Incorporation:

Federal ID #:

Authorizing Official for the Organization:

Telephone #1: E-mail Address:

Telephone #2:

Authorizing Official for the Organization:

Telephone #1: _____ E-mail Address: _____

Telephone #2: _____

*Property Owner: Dania Beach

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

Is the letter attached? ☐ Yes ☒ No

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

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

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

If so, Indicate the city location of last event: Alder Park

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

Number of Expected Daily Attendants: 200 (BSO or Fire Details may be required - refer to page 6)

Please indicate the duration of the event:

DAY	DATE	START TIME	END TIME	TOTAL # OF HOURS
Saturday	September 16, 2017	9:00am	12:00pm	3

Anticipated Date and Time to Begin Set-Up: September 16, 2017 at 8:00am

Anticipated Date and Time for Completion of Break-Down: September 16, 2017 at 1:00pm

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

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

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

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

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

Like previous years, we would appreciate for the City of Dania Beach to waive all fees and provide (100) parking passes for the volunteers attending this important event.

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

NRS Senior

Title

Pat Bunn

Print name of Applicant

4/10/17

Date

STATE OF FLORIDA
COUNTY OF BROWARD

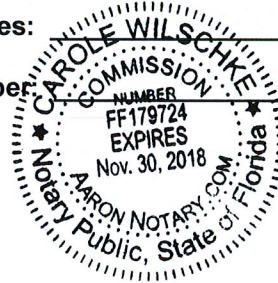
The foregoing instrument was acknowledged before me on April 10, 20 17.
by Pat Quinn, who is personally known to me, or, if not, such person produced the
following form of identification: _____.

NOTARY PUBLIC

Carole Wilschke

My Commission expires: _____

My Commission number: _____



SPECIAL EVENT APPLICATION / PERMIT FEES

\$100.00 Beach Weddings

\$150.00 All Other Events

\$280.00 Special Events Involving Fire Inspections

\$100.00 Private Parties (over 26 participants)

\$50.00 Small Parties (under 25 participants)

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

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

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

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



MINUTES OF REGULAR MEETING
DANIA BEACH CITY COMMISSION
TUESDAY, AUGUST 22, 2017 – 7:00 P.M.

1. Call to Order/Roll Call

Mayor James called the meeting to order at 7:00 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

Mayor James brought forward a presentation given by Cima Georgevich and Scott Pritchard, Redline Media Group, to provide the Commission an update on the rebranding initiatives.

Mr. Georgevich noted they want a follow-up workshop during the last week in September or the first week in October to present the three final concepts.

3.1 Presentation to Collins Elementary School for achieving an "A" Rating for School Year 2016-2017 - Mayor James

Mayor James and the City Commission presented an award to Dr. Tracy Jackson, Principal of Collins Elementary.

Mayor James wants the City to contribute funds to the school's pizza party.

3.2 BSO Fire Rescue presentation of the Commission on Fire Accreditation International (CFAI) plaque for Re-accreditation recognition

Assistant Chief Gregory Holness, Division Chief Eric Busenbarrick and Battalion Chief Sean Brown, BSO Fire Rescue, presented the Commission on Fire Accreditation International (CFAI) plaque for Re-accreditation recognition. This accreditation is a comprehensive self-assessment and quality improvement model that enables organizations to examine past, current, and future service levels and internal performance and compare them to current research and industry best practices. The CFAI accreditation program has allowed BSO Fire Rescue Services to determine community risk and safety needs as well as evaluate the performance of the department.

4. Proclamations

There were no proclamations at this meeting.

5. Citizen Comments

Carole Morris, 131 SE 3rd Avenue, Friends of the Library, requested the Commission approve their grant request.

Leroy Green, 326 SW 16 Street, complained that it took over 30 minutes for an ambulance to respond to his emergency call. He spoke of a house in his neighborhood that has trash and rats. He also noted the police are doing a good job, and the alleyway behind his house needs a speed hump because people are speeding.

Commissioner Grace directed Community Development Director LaFerrier to address Mr. Green's complaints for the house in his neighborhood.

Commissioner Brandimarte questioned if the property was being used as a Sober House.

Mayor James noted 30 minutes is too long to wait for fire rescue; it is a matter of life and death.

Teddy Bohanan, 312 SW 15 Street, said there are no police in her area, there is a Section 8 house that needs to be investigated, and her neighborhood is disgusting and full of drugs.

6. Public Safety Reports

Captain Daniel Marks, BSO Chief of Police, addressed recent crimes that have been mentioned in the media. He noted they completed their beach summer operational plan.

Commissioner Grace reported there is a car selling liquor out of the trunk during the Bears games.

Sean Brown, Battalion Chief, BSO Fire Rescue, spoke of a marine rescue involving two divers that occurred during lobster mini season at Dania Beach. He also spoke of the Red Cross

Initiative to install 100,000 smoke alarms by October 15th. Our installation date is Saturday, October 14th.

7. Consent Agenda

Items added to Consent Agenda: #7.11

Items removed from Consent Agenda: #7.3

7.1 Minutes:

Approve Minutes of July 25, 2017 Special Budget Meeting
Approve Minutes of July 25, 2017 City Commission Meeting

7.2 Travel Requests:

Request from Vice-Mayor Bill Harris to attend the 2017 National League of Cities Annual Conference City Summit in Charlotte, NC on November 15-19, 2017 (Estimated cost \$2,395.47)

Resolutions

7.4 RESOLUTION #2017-089

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AND ACCEPT AGREEMENTS FOR CONTINUATION OF THE CITY'S FULLY INSURED HEALTH, DENTAL, VISION, AND LIFE INSURANCE COVERAGE PROCURED USING GEHRING GROUP AS BROKER OF RECORD FOR THE CITY OF DANIA BEACH WITH THE FLORIDA LEAGUE OF CITIES AND RELIANCE STANDARD LIFE INSURANCE COMPANY, FOR INSURANCE COVERAGES BEGINNING OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018, FOR ACTIVELY WORKING AND NON-MEDICARE ELIGIBLE RETIRED EMPLOYEES; FURTHER, AUTHORIZING CITY OFFICIALS TO EXECUTE AND ACCEPT AN AGREEMENT WITH MAXON ADMINISTRATORS TO ADMINISTER THE CITY'S SELF-INSURED SHORT TERM DISABILITY COVERAGE BEGINNING OCTOBER 1, 2017 THROUGH SEPTEMBER 30, 2018 FOR ALL ACTIVELY WORKING, ELIGIBLE EMPLOYEES; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.5 RESOLUTION #2017-090

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO APPLY FOR GRANT FUNDING IN THE AMOUNT OF \$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 AS A BENEFICIAL USE OF PUBLIC FUNDS TO ALLEVIATE CONDITIONS OF BLIGHT AND THAT SUPPORTS ECONOMIC DEVELOPMENT AND WILL HAVE A POSITIVE IMPACT UPON CITY REDEVELOPMENT; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.6 RESOLUTION #2017-091

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY MANAGER TO OBTAIN SUPPLEMENTAL BUILDING INSPECTION AND PLAN EXAMINATION SERVICES FROM C.A.P. GOVERNMENT, INC. UNDER THE CITY OF FT. LAUDERDALE, FLORIDA INVITATION TO BID (ITB NO. 575-11849) VALID THROUGH JUNE 16 2019 THAT WILL EXCEED AN ANNUAL VENDOR TOTAL AMOUNT OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00); AUTHORIZING SUCH PURCHASE MADE FROM THE BUILDING FUND APPROVED ANNUAL BUDGET APPROPRIATIONS; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.7 RESOLUTION #2017-092

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, REQUESTING THAT THE UNITED STATES POSTAL SERVICE CONSIDER A ZIP CODE BOUNDARY CHANGE THAT WOULD RESULT IN ALL AREAS OF THE CITY HAVING ONE INCLUSIVE ZIP CODE OF 33004, WHICH IS THE ORIGINAL ZIP CODE OF THE CITY PRIOR TO ANNEXATION OF UNINCORPORATED AREAS OF BROWARD COUNTY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.8 RESOLUTION #2017-093

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE APPROPRIATION AND EXPENDITURE OF FUNDS FOR WATER UTILITY BILL CHARGES ASSOCIATED WITH THE BEACH REVITALIZATION PROJECT PHASE I, FOR AN AMOUNT NOT TO EXCEED NINETY THOUSAND DOLLARS (\$90,000.00) FOR FISCAL YEAR 2016-2017; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.9 RESOLUTION #2017-094

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO PURCHASE SERVICES FROM DECOTA CONSTRUCTION IN THE AMOUNT OF TWENTY FOUR THOUSAND EIGHT HUNDRED DOLLARS (\$24,800.00) FOR THE DEMOLITION OF PROPERTY LOCATED AT 701 SW 12TH AVENUE WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS, FOR A PROJECT THAT WILL EXCEED THE ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) FOR A SINGLE VENDOR IN A FISCAL YEAR; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

7.10 RESOLUTION #2017-095

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO PURCHASE SERVICES FOR THE DEMOLITION AND REMODELING OF THE CITY COMMISSION OFFICE SPACE AT CITY HALL WITHOUT COMPETITIVE BIDDING AND WITHOUT ADVERTISEMENT FOR BIDS, WHICH PROJECT IS EXPECTED TO EXCEED THE ANNUAL VENDOR THRESHOLD OF TWENTY FIVE THOUSAND DOLLARS (\$25,000.00) FOR A SINGLE VENDOR IN A FISCAL YEAR; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Addendum

7.11 RESOLUTION #2017-098

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, DENOUNCING HATE, EXTREMISM AND BIGOTRY; SUPPORTING STEPS TO COMBAT HATE, EXTREMISM AND BIGOTRY; PROVIDING FOR DISTRIBUTION; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Commissioner Grace motioned to adopt the Consent Agenda, with the addition of Item #7.11, and with the exception of Item #7.3; seconded by Commissioner Brandimarte. 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		

7.3 RESOLUTION #2017-088

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE THE SECOND RENEWAL OF AN EXISTING AGREEMENT AND AUTHORIZE THE PROPER CITY OFFICIALS TO EXECUTE AN AMENDMENT TO THE FINANCIAL AUDIT ENGAGEMENT LETTER FOR AN ADDITIONAL ONE (1) YEAR PERIOD WITH HCT CERTIFIED PUBLIC ACCOUNTANTS AND CONSULTANTS, LLC, RELATING TO THE CITY'S ANNUAL FINANCIAL AUDIT ENGAGEMENT; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

City Attorney Ansbro read the title of Resolution #2017-088.

Mayor James questioned how much money we are saving and the pro-rating of some of the items.

Nicki Satterfield, Director of Finance, explained the CAFR is the ultimate responsibility of the City. A year ago, we purchased in-house software that allows us to do the compilation; we negotiated with HCT for a reduced rate since we were taking on the lion share of the CAFR preparation. Special audit rates were increased in order to compensate for the reduction. She noted there is not an issue with the contract, but if we want to keep the same differential as last year between the negotiated and what the proposed increase would be for this year, it would be an extra \$1,000.00 increase in the agenda item.

Commissioner Grace motioned to adopt Resolution #2017-088, with an increase to \$42,250.00; seconded by Vice-Mayor Harris. 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

8.1 RESOLUTION #2017-096

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO AWARD BID #17-004 FOR THE OASIS XII NEIGHBORHOOD IMPROVEMENT PROJECT TO SAGARIS, CORP. IN AN AMOUNT NOT TO EXCEED ONE HUNDRED FIFTY THOUSAND FIVE HUNDRED THIRTY SIX DOLLARS (\$150,536.00); PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

City Attorney Ansbro read the title of Resolution #2017-096.

Commissioner Grace motioned to adopt Resolution #2017-096; seconded by Commissioner Brandimarte. 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		

9. Public Hearings and Site Plans

9.1 ORDINANCE #2017-023

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE VACATION OF A UTILITY EASEMENT (VC-45-17) LOCATED ON THE GRIFFIN POINTE PLAT SUBMITTED BY GRIFFIN POINTE PARTNERS, LLLP FOR PROPERTY LOCATED AT 2281 GRIFFIN ROAD IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT “A”, A COPY OF WHICH IS ATTACHED; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

City Attorney Ansbro read the title of Ordinance #2017-023.

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

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

Vice-Mayor Harris motioned to adopt Ordinance #2017-023, on second reading; 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		

9.2 ORDINANCE #2017-024

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING THE CITY CODE OF ORDINANCES OF THE CITY OF DANIA BEACH, BY DELETING CHAPTER 19, “MARIJUANA BUSINESSES,” IN ITS ENTIRETY; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

City Attorney Ansbro read the title of Ordinance #2017-024.

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 Ordinance #2017-024, on second reading; 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		

9.3 ORDINANCE #2017-025

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, PERTAINING TO THE POLICE AND FIREFIGHTERS RETIREMENT SYSTEM; AMENDING ARTICLE IV, ENTITLED "POLICEMEN AND FIREMEN", OF CHAPTER 18, ENTITLED "PENSIONS AND RETIREMENT", OF THE CITY CODE OF ORDINANCES, TO IMPLEMENT THE MUTUAL CONSENT AGREEMENT BETWEEN THE CITY AND ACTIVE FIREFIGHTER MEMBERS CONCERNING THE USE OF PREMIUM TAX REVENUES RECEIVED PURSUANT TO CHAPTER 175, FLORIDA STATUTES; AMENDING SECTION 18-42, ENTITLED "BENEFIT AMOUNTS AND ELIGIBILITY", CREATING A SHARE PLAN FOR FIREFIGHTERS; AMENDING SECTION 18-44, ENTITLED "CONTRIBUTIONS", TO AMEND PROVISIONS REGARDING THE USE OF PREMIUM TAX REVENUES RECEIVED PURSUANT TO CHAPTER 175, FLORIDA STATUTES; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

City Attorney Ansbro read the title of Ordinance #2017-025.

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 Ordinance #2017-025, on second reading; seconded by Commissioner Brandimarte. 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		

9.4 ORDINANCE #2017-026

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, TO AMEND CHAPTER 28, OF THE "LAND DEVELOPMENT CODE," OF THE CITY'S CODE OF ORDINANCES BY CHANGING THE LIST OF PERMITTED, PROHIBITED AND SPECIAL EXCEPTION USES, BY AMENDING ARTICLE 110, "USE REGULATIONS FOR COMMERCIAL AND MIXED-USE DISTRICTS" AND ARTICLE 115, "INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE" TO ADDRESS MEDICAL MARIJUANA DISPENSARIES, MEDICAL MARIJUANA

RETAIL CENTERS AND MEDICAL MARIJUANA TREATMENT CENTERS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

City Attorney Ansbro read the title of Ordinance #2017-026.

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

Commissioner Salvino motioned to adopt Ordinance #2017-026, on second reading; seconded by Commissioner Brandimarte. The motion carried on the following 4-1 Roll Call vote:

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

9.5 ORDINANCE #2017-028

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, THE "LAND DEVELOPMENT CODE," OF THE CITY CODE OF ORDINANCES BY AMENDING ARTICLE 115, "INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE," SECTION 115-50 "CONDITIONS OF USE" PROVIDING FOR REGULATIONS CONCERNING SEPARATION REQUIREMENTS FOR ELECTRICAL POWER PLANTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-028.

Corinne Lajoie, Planning & Zoning Manager, explained the proposed text 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 Ordinance #2017-028, on first reading; seconded by Vice-Mayor Harris. 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		

9.6 ORDINANCE #2017-029

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) TO FUND A LIFT STATION REHABILITATION PROJECT (LIFT STATION NUMBERS 5, 7 AND 10); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-029. He explained that Items #9.6 through #9.12 are required by the City Charter because the City will expend more than One Million Dollars on each item.

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 Ordinance #2017-029, on first reading; seconded by Commissioner Brandimarte. 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		

9.7 ORDINANCE #2017-030

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE GENERAL EMPLOYEES ("GE") PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-030.

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 Ordinance #2017-030, on first reading; seconded by Vice-Mayor Harris. 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		

9.8 ORDINANCE #2017-031

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE POLICE AND FIREFIGHTERS ("P&F") PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-031.

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 Ordinance #2017-031, on first reading; seconded by Vice-Mayor Harris. 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		

9.9 ORDINANCE #2017-032

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR FIRE RESCUE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO"); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-032.

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 Ordinance #2017-032, on first reading; seconded by Vice-Mayor Harris. 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		

9.10 ORDINANCE #2017-033

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR POLICE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO"); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-033.

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

Vice-Mayor Harris motioned to adopt Ordinance #2017-033, on first reading; 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		

9.11 ORDINANCE #2017-034

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE SOLID WASTE REMOVAL SERVICES AGREEMENT WHICH SERVICES ARE PROVIDED BY WASTE MANAGEMENT INC. OF FLORIDA (“WMI”); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-034.

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

Vice-Mayor Harris motioned to adopt Ordinance #2017-034, on first reading; 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		

9.12 ORDINANCE #2017-035

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE LARGE USER SEWER AGREEMENT WHICH SERVICES ARE PROVIDED BY THE CITY OF HOLLYWOOD; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(FIRST READING)**

City Attorney Ansbro read the title of Ordinance #2017-035.

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

Vice-Mayor Harris motioned to adopt Ordinance #2017-035, on first reading; 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		

9.13 RESOLUTION #2017-097

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING VARIANCES (VA-88-17, VA-90-17 AND VA-91-17) SUBMITTED BY THE PROPERTY OWNER HOLOCAUST DOCUMENTATION AND EDUCATION CENTER, INC., FOR PROPERTY LOCATED AT 303 NORTH FEDERAL HIGHWAY, IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT “A”, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

City Attorney Ansbro read the title of Resolution #2017-097. He advised this item is a quasi-judicial hearing and swore-in those who would speak. He asked the Commission to disclose any communication they had on this matter.

Corinne Lajoie, Principal City Planner, provided an overview of the variance requests.

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

Commissioner Salvino motioned to adopt Resolution #2017-097; 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		

10. Discussion and Possible Action

- 10.1 Renewal of Agreement with Anne Castro Strategies, P.A., for the purpose of assisting the City in matters related to the Fort Lauderdale-Hollywood International Airport - Commissioner Salvino

Commissioner Salvino provided a history of why the City originally hired Anne Castro. He noted if we do not contract with her again, the responsibility will fall on Community Development Director Marc LaFerrier.

Zachary Lynch, 4510 SW 27 Avenue, spoke in favor of renewing the contract. He also complained that there are no streetlights on his street.

Donna Peplin, 3397 SW 44 Court, presented a handout which is attached to and incorporated into these minutes, and spoke in favor of renewing the contract. She suggested the Commission renew the agreement for an additional three years.

Cathy David, 4381 SW 34 Lane, spoke in favor of renewing the contract.

Randy Wright, 4391 SW 34 Lane, spoke in favor of renewing the contract.

Sharon Dunham, 817 NW 8 Avenue, spoke in favor of renewing the contract.

Lori Lewellen, 4541 SW 27 Terrace, spoke in favor of renewing the contract. She noted this has nothing to do with Anne Castro, it has to do with the residents of Dania Beach.

Pat Wright, 4391 SW 34 Lane, spoke in favor of renewing the contract.

Gary Luedtke, 4461 SW 34 Drive, was not present but had provided photos for distribution to the Commission.

Rae Sandler, 1433 Argonaut Isle, spoke in favor of renewing the contract with Anne Castro.

Commissioner Grace acknowledged the photos received from Mr. Luedtke. She credited Anne Castro and Walter Duke for the agreement with Broward County in 2010. She noted the Commission hired Ron Book and that is the way she will go.

Commissioner Brandimarte noted the contract with Ron Book is for \$50,000.00, and includes airport issues. She stated the City has never abandoned the residents. She said there is a new person representing the airport who is nicer than Kent George, and introduced Mark Gambrel, Deputy Director of the Airport. She noted Anne Castro is not here tonight, and she has moved to Ft. Lauderdale. Commissioner Brandimarte also noted she and the City have not received any calls from Melaleuca Gardens.

Mayor James said she personally takes offense to the comments made tonight. Anne Castro is not the only person who fought for the community, all members of the Commission fought. Her understanding is that we lost in litigation but settled for \$100,000,000.00. She confirmed that Director of Community Development LaFerrier can handle all calls regarding the airport. She said the airport program is going well now, and Mr. Book needs to retain Ms. Castro if he cannot handle the matter. She noted the residents have no leverage since the settlement agreement as the airport cannot be sued. She will not be bullied, and she will do what she feels is best for the residents.

Commissioner Salvino asked the City Manager to clarify what Mr. Book does for the City.

City Attorney Ansbro read the engagement letter from Mr. Book for lobbying services.

The Commissioners and Mr. Gambrel noted they have not been in contact with Ron Book.

Mark Gambrel, Contract Administrator, Broward County Aviation Department, noted he took over the position on June 23rd. As of today, they have 99 closings; 660 homes are complete and another 40 homes will be completed by the end of October; and 488 homes are fully designed and need to go to procurement for bid. There are some homes that need to be re-tested. Regarding sales assistance, there are 424 homes in the process, with 96 closings, and 29 are ready to go into closing. His goal is to get this done by June 2019. He noted Anne Castro is the Chair for the Part 150 study coordination committee, and he will provide contact information for his office. He added it takes 60-180 days to go to closing.

Vice-Mayor Harris feels this is a project in the works, and the new people may not be versed. You need to see the project through, so if it is a question of money for the contract, if you have someone with the depth of knowledge and familiarity, then you do not change horses in the middle of the stream. If he was in the affected area, he would like someone on his side who could tell him who to talk to in order to get the work done.

Commissioner Grace motioned to deny the request; seconded by Commissioner Brandimarte. The motion carried on the following 3-2 Roll Call vote:

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

11. Commission Comments

11.1 Commissioner Brandimarte

Commissioner Brandimarte said she will make a report on the League of Cities conference at the next meeting.

11.2 Commissioner Grace

Commissioner Grace apologized for not attending the FLC Conference, but she had prior matters happening and thought it was more important to be with family.

Commissioner Grace noted one department is going through some down time, and is upset at how their department is being run. We have to make sure that we do things that are right. It is Public Works now; it was Community Development prior to this. The City Manager needs to talk to the Department Head and see what is going on. City Manager Baldwin confirmed he will address the issue.

Commissioner Grace thanked everyone for their donations for the book bag giveaway at the PATCH.

Commissioner Grace noted all the donations are in for the trip for 50 kids to go to the Hurricanes football game at the Dolphins Hard Rock Stadium.

11.3 Commissioner Salvino

Commissioner Salvino noted sports programs are starting up again at Frost Park, and assistance is needed.

11.4 Vice-Mayor Harris

Vice-Mayor Harris spoke of the FLC Conference and noted it was interesting.

11.5 Mayor James

Mayor James noted the FLC Conference was overwhelming to a degree, but she saw various companies that she would be interested in working with in bringing some ideas for the City.

Mayor James commented she has numerous questions on Air BNB and the issue with the daycare; she has never heard the resolution to this.

Mayor James wants to make sure we stay on top of the Tropical Acres agreement with the new development. She does not want any construction until there is an agreement.

City Attorney Ansbro noted they are committed to do whatever they can to make a deal with the owner, but there is no obligation for an agreement; you cannot make people agree on something.

Mayor James noted her vote was to be a community player and they were to come to an agreement in order for her to agree to the zoning changes.

12. Appointments

12.1 Airport Advisory Board

Commissioner Brandimarte reappointed Randy Wright and Gary Luedtke.

Commissioner Grace reappointed Bruce Hannover and Keith Roberts.

Commissioner Salvino reappointed Dean Harley.

Vice-Mayor Harris reappointed Micheline Peacock and asked Linda Barber if she was interested.

Mayor James reappointed Ryan Stone and Karen Harrington.

12.2 Green Advisory Board – no appointments

Commissioner Grace motioned to approve the appointments; seconded by Vice-Mayor Harris. The motion carried unanimously.

13. Administrative Reports

13.1 City Manager

City Manager Baldwin commented Hollywood is willing to discuss water issues at the Piccolo Well Field, with the possibility they could assign some of their water allocation to Dania Beach. Additionally, they are interested in doing a joint project on JA Ely Boulevard.

City Manager Baldwin noted the Commission was provided the letter from the School Board on Olsen School; it can be discussed at the budget workshop.

City Manager Baldwin also noted we are looking at having an Employee Appreciation Day Picnic at the Marina during work hours at a cost of \$2,300.00.

Commissioner Grace liked the idea of the Christmas Party better, and would like to move it to IT Parker Community Center.

13.2 City Attorney

City Attorney Ansbro had no comments.

13.3 City Clerk - Reminders

Wednesday, August 23, 2017 - 2:00 p.m.

Tuesday, September 12, 2017 - 6:00 p.m.

Tuesday, September 12, 2017 - 7:00 p.m.

Wednesday, September 13, 2017 - 5:01 p.m.

Tuesday, September 19, 2017 - 5:01 p.m.

Tuesday, September 26, 2017 - 7:00 p.m.

Budget Workshop

CRA Board Meeting

City Commission Meeting

First Budget Public Hearing

Second Budget Public Hearing

City Commission Meeting

14. Adjournment

Mayor James adjourned the meeting at 9:28 p.m.

ATTEST:

CITY OF DANIA BEACH

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

MINUTES OF MEETING
DANIA BEACH CITY COMMISSION
BUDGET WORKSHOP
WEDNESDAY, AUGUST 23, 2017 – 2:00 P.M.

1. Call to Order/Roll Call

Mayor James called the meeting to order at 2:00 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. Brief Presentation

Nicki Satterfield, Director of Finance, presented a PowerPoint overview of the proposed budget, which is attached to and incorporated into these minutes. She noted the presentation includes changes that were requested by three of the Commissioners during their meetings with the City Manager.

City Manager Baldwin noted it has been brought to his attention that the Commission said they may want to hire a federal lobbyist and grant writer.

Commissioner Grace said we should have police officers and not CSIAs. She is elated that Parks and Recreation will be open on Mondays, and 3 part-time employees will become full-time employees.

Commissioner Grace noted certain organizations in Dania Beach did not receive charitable donations and we gave to outside agencies. She wants to review the list before donations are made.

3. Discussion

3.1 Law Enforcement and Fire Rescue Services – City Manager Baldwin

City Manager Baldwin noted the public, Police Chief, and Commission are in favor of getting more deputies, and we would like to have a 3-man med unit. We did not want to fund the

positions until we knew for sure we would receive the SAFER grant for several years. After the budget meeting, he received a letter from the City of Hollywood saying they want to discontinue the automatic aid. The City Manager in Hollywood said their recommendation is to discontinue the automatic aid with the Sheriff's Office. BSO Fire Chief Fernandez recommended it would be better to hire 3 firefighters and 2 deputies on October 1st.

Commissioner Salvino shared his thoughts with the Commission. He asked Chief Fernandez if the reason Hollywood provides more service is because we do not have enough fire vehicles.

Chief Fernandez responded in the affirmative.

Commissioner Salvino questioned if we had another truck would we be able to respond, and why doesn't our mutual aid with Port Everglades and the Airport respond to our calls. He asked the Commission to ask the City Manager to come up with a cost for a new rescue unit and personnel.

Chief Fernandez noted he has given the Manager recommendations on how to increase personnel going forward.

Commissioner Brandimarte said she heard that Hollywood does not want automatic aid even if we had a 3-man med unit. Chief Fernandez confirmed this.

Chief Fernandez recommended fully staffing the second truck before purchasing another truck. He said discussion on adding the third truck should begin soon.

Commissioner Grace commented that Commissioner Salvino makes a lot of sense. She questioned if they could have better service and response time if we had 3 trucks with 2-man med units, as opposed to two trucks with 3-man med units.

Chief Fernandez noted the fire truck runs with the rescue truck on certain call types, which is the industry standard.

BSO Fire Chief Gregory Holness spoke of concurrency of calls.

Chief Fernandez noted the difference between the fire truck and rescue truck is that the fire truck cannot transport; however, the personnel are paramedics and can still begin patient care.

Mayor James said we need to be innovative and perhaps do like Israel and have a one man moped or small vehicle that responds to emergency calls.

Chief Fernandez' recommendation is to fund the third person on the second unit, which will also cause housing issues, especially if we go to a third unit.

City Manager Baldwin noted we can do a mix between 5 deputies on October 1, and 4 firefighters on April 1.

BSO Police Chief Daniel Marks noted he is comfortable with the recommendation by the City Manager, which is 2 deputies in October, and an additional 3 in March.

Commissioner Salvino questioned why we couldn't take money from reserves after hurricane season and fund all the positions at the same time.

Nicki Satterfield, Director of Finance, responded we do not want to go to reserves for operating expenditures. She suggested taking the recommendation for 3 firefighters and 2 deputies on October 1st, then bring on the additional 4 at mid-year.

Finance Director Satterfield clarified the options as follows:

3 firefighters/paramedics and 2 deputies on October 1st, and fund the additional positions at mid-year, and use the remaining funds of \$80,000.00 for other things;

4 firefighters/paramedics and 2 deputies on October 1st, and fund the additional deputies at mid-year.

The consensus of the Commission was 3 firefighters and 2 deputies.

Mayor James questioned why we need an Office Manager in Parks and Recreation, and not just an Administrative Coordinator. She thinks switching the position with the proposed position in Public Services would save us money.

City Manager Baldwin said he agrees with the Mayor and the position will be looked at during the Pay and Class Study.

Commissioner Grace concurred with Mayor James.

Colin Donnelly, Assistant City Manager, explained we had a personnel issue and swapped the two positions who kept their titles, as recommended by our Labor Counsel. We did increase the pay of the Administrative Coordinator at the time of the switch, and now the Department Head is recommending a title change.

Commissioner Grace said her philosophy is that you do not reward a person for bad behavior.

Commissioner Salvino felt the Parks and Recreation Department should be looked at to try to figure out from the top to the bottom what the positions should be for the whole program.

Mayor James concurred.

The Commission concurred to downgrade the position of Office Manager in Parks and Recreation to Administrative Coordinator in the coming budget.

Vice-Mayor Harris commented there is a bad looking bus stop on Federal Highway next to the Morrison Hotel. He asked how soon we could get a replacement bus shelter. There is also a phone booth at the location that needs to be removed.

Colin Donnelly, Assistant City Manager, responded that staff has been looking at getting replacement parts; however, Broward County purchased the ones on Federal Highway with Federal Grants, which complicates the issue.

Brad Kaine, Director of Public Services, noted 26 of 52 locations throughout the City have an agreement with Broward County. We are looking for a better way to service them.

Mayor James and Commissioner Grace said the bus stop at NW 1st Avenue and 10th Court needs to be replaced.

City Manager Baldwin asked if any more information was needed on the Hollywood automatic aid issue. Commissioner Salvino felt we should send a letter to the Hollywood Commission saying we think they are making a mistake.

Mayor James asked if we have funding for a lobbyist and grant writer; she felt the grant writer should be on a part-time or as needed basis. We should use the same lobbyist that we have been using in past years.

Finance Director Satterfield confirmed we will add the \$80,000.00 to consulting services.

Vice-Mayor Harris felt we should schedule a workshop with Josh Gaboton. The Commission concurred.

There was discussion on collection of EMS and water delinquent charges.

Mayor James noted she has a problem with funding the MLK event, and she wants to see what we are giving to all events.

Finance Director Satterfield said a list will be provided.

Mayor James feels if we put \$15,000.00 into MLK, we need to be putting on the event.

Commissioner Grace noted she has had a problem for 6 years that the Bears program has not been run properly. She said she asked the City Manager if staff from Parks and Recreation could take over the program, seeing as we are hiring 3 full-time employees. The MLK Committee raised a lot of money last year, so we need to reduce their budget to half (\$7,500.00).

Vice-Mayor Harris commented he wants Emmanuel George's film to be incorporated into the MLK event and Black History Month. He asked if the costs could be incorporated into the budget.

Finance Director Satterfield noted the funding for the event could be allocated any way the Commission sees fit.

Commissioner Salvino said he thinks we should leave it as it is for now; at least the funding is there if we decide to do it ourselves.

4. Adjournment

Mayor James adjourned the meeting at 4:03 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)
Approve Travel Request from Mayor Tamara James to attend the 2017 National League of Cities Annual Conference City Summit in Charlotte, NC on November 16-19, 2017 (Estimated cost \$1,723.64)

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

Fiscal Impact/Cost Summary

Exhibits Attached
Travel Request

CITY OF DANIA BEACH TRAVEL AUTHORIZATION

EMPLOYEE: Tamara James
DEPARTMENT: City Commission
LOCATION: Charlotte, NC
TRIP/TRAINING DATE: November 16 - 19, 2017
PURPOSE: 2017 NLC Annual Conference City Summit

CHECK ONE
☐ Certification
☐ General Training
☐ License
☒ Other

Note any overnight or out of state travel events attended in the last 12 months:

2017 FLC Annual Conference, Orlando, FL, Aug 16-20, 2017
 FLC Legislative Action Days, Tallahassee, FL, Mar 21-22, 2017
 FLC IEMO Training, Tampa, FL, Jun 1-4 2017

ACCOUNT NO: 001-11-01-511-40-10

COST SUMMARY		
Expense	Description	Estimate
Registration	2017 NLC Annual Conference	\$ 460.00
Lodging (3 nights @ \$210.48)	Embassy Suites Uptown	\$ 631.44
Airfare	American Airlines Estimate	\$ 397.00
Shuttle/Uber/Lyft	Estimate	\$ 70.00
Per Diem	M&IE	\$ 165.20
TOTAL EXPENSES		\$ 1,723.64

TOTAL ESTIMATED TRAVEL COST **\$ 1,723.64**

I hereby certify that travel as shown above is to be incurred in connection with official business of the City of Dania Beach.		
Traveler (print)	Signature	Date
Tamara James		
Department Director (print)	Signature	Date
Finance Director (print)	Signature	Date
Nicki Satterfield		8/25/17
City Manager (print)	Signature	Date
Colin Donnelly		8/25/2017

TO BE COMPLETED BY FINANCE		
Preparer (print name)	Signature	Date
Tania Stevens	TAS	8/24/17

City of Dania Beach
Travel Per Diem Calculator

Traveler Name: Tamara James

Description of Trip: 2017 NLC Annual Conference City Summit

Daily per diem rate enter FY 17 Per Diem Rate here): \$ 59.00

Destination: Charlotte, NC

First Date of Travel 16-Nov-17

Last Date of Travel 19-Nov-17

	Travel				Travel		
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date			15-Nov-17	16-Nov-17	17-Nov-17	18-Nov-17	19-Nov-17
Breakfast 15%					\$ 8.85	\$ 8.85	
Lunch 35%							
Dinner 50%					\$ 29.50	\$ 29.50	
Total Daily total =				\$ 44.25	\$ 38.35	\$ 38.35	\$ 44.25

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Date							
Breakfast 15%							
Lunch 35%							
Dinner 50%							
Total Daily total =							

Pro-rating Per Diem for Travel Date of Departure/Return: \$ 44.25

Total Per Diem Due to Traveler \$ 165.20

Meal Exclusions		
Date	Meal Provided	Amount
17-Nov-17	Lunch	\$ 20.65
18-Nov-17	Lunch	\$ 20.65



U.S. General Services Administration

FY 2017 Per Diem Rates for Charlotte North Carolina

Cities not appearing below may be located within a county for which rates are listed.
To determine what county a city is located in, visit the National Association of Counties (NACo) website (a non-federal website).

October 2016 - September 2017 The following rates apply for **Charlotte North Carolina**. Max lodging by month (excluding taxes.) The last column is the Meals and Incidental Expense (M&IE) rate.

Primary Destination (1, 2)	County (3, 4)	2016 Oct	Nov	Dec	2017 Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	M&IE (\$)
Charlotte	Mecklenburg	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$122	\$59

Footnotes

1. Traveler reimbursement is based on the location of the work activities and not the accommodations, unless lodging is not available at the work activity, then the agency may authorize the rate where lodging is obtained.
2. Unless otherwise specified, the per diem locality is defined as "all locations within, or entirely surrounded by, the corporate limits of the key city, including independent entities located within those boundaries."
3. Per diem localities with county definitions shall include "all locations within, or entirely surrounded by, the corporate limits of the key city as well as the boundaries of the listed counties, including independent entities located within the boundaries of the key city and the listed counties (unless otherwise listed separately)."
4. When a military installation or Government-related facility (whether or not specifically named) is located partially within more than one city or county boundary, the applicable per diem rate for the entire installation or facility is the higher of the rates which apply to the cities and/or counties, even though part(s) of such activities may be located outside the defined per diem locality.
5. *Meals and Incidental Expenses*, see Breakdown of M&IE Expenses for important information on first and last days of travel.

City Summit | Annual Conference of the National League of Cities

15 - 18 November 2017

About the Conference

NLC's City Summit is coming to Charlotte, North Carolina, November 15-18, 2017.

Only once a year do local leaders – both elected and staff – have such a unique opportunity to come together and learn from experts and each other. The 2017 City Summit will give you plenty of opportunities to learn with NLC University seminars to build your technical and leadership skills, Host City Mobile Workshops around Charlotte that showcase real-world collaborative solutions to issues facing local government, and an abundance of conference workshop sessions spanning the topics most relevant to you and your community:

- Economic Development
- Technology and Data Uses for Cities
- Sustainability
- Leadership Skills
- Workforce Support and Development
- Infrastructure
- Housing
- Transportation and Alternatives
- Cultural and Social Issues in the Community
- And more!

But the value comes outside the educational sessions too. You'll find some of your best ideas and connections through other conference activities:

Exposition Hall: Over 250 vendors will be on hand to introduce you to new products, services, and programs that may offer a perfect solution to your city or town. All it takes is one great idea.

Networking Events: Whether it's the welcome reception, closing celebration, any of the Constituency Group events or State Municipal League receptions, there is no shortage of opportunities for you to meet and build relationships with other local leaders to exchange ideas at the conference and beyond. Or, use these events simply to strengthen your relationships with your own staff and colleagues outside the walls of City Hall.

Constituency Group Events: Many of these events are open to all attendees (though some require ticket purchase). Constituency groups provide a great opportunity to find a niche within NLC and meet others with common backgrounds or interests.

Member Council Meetings: Open to all attendees, these meetings bring together representatives from similar communities to share ideas and solutions to issues unique in their communities. Member councils include Small Cities Council, Large Cities Council, First Tier Suburbs Council, University Communities Council, and Military Communities Council.

NLC Governance Activities and Meetings: City Summit is the culmination of NLC's policy and governance work for the year. Get involved by attending a Federal Advocacy committee meeting and the annual business meeting to learn how you can have your say in NLC. After all, it's your organization!

Lottier, Christine

From: Lauren Ryan <Ryan@nlc.org>
Sent: Friday, August 11, 2017 8:35 AM
To: Lottier, Christine
Cc: Laura Lanford
Subject: RE: NLC University Leadership Summit Nov 15-18, 2017 in North Carolina

Hi, Christine.

Thanks for your question! The below events highlighted in yellow have meals. The closing reception is heavy appetizers.

There is also an additional breakfast provided for new members and first time attendees highlighted in blue on Wednesday.

Tuesday, November 14

Registration Opens (evening)

Ask NLC Opens (evening)

Wednesday, November 15

New Member and First Time Attendee Orientation Breakfast

Federal Advocacy Committee Meetings (morning)

Host City Mobile Workshops (all day)

NLC University Seminars (all day)

Shared Wisdom Luncheon hosted by NLC University

Constituency Group Meetings/Events

Welcome Reception and Expo Hall Opening (evening)

Thursday, November 16

Host City Mobile Workshops (morning)

NLC University Seminars (morning)

Solution Sessions (morning)

Advisory Council Meeting (morning)

Board of Directors Meeting (morning)

Exhibit Hall Open – Lunch Provided

NLC Spotlight Theater Open

Opening General Session (afternoon)

Workshops (afternoon)

Constituency Group Meetings/Events

State League and Additional Events (evening)

Friday, November 17

General Session (morning)

Member Council Meetings (morning)

Workshops (all day)

Exhibit Hall Open – Lunch Provided

NLC Spotlight Theater Open

Constituency Group Meetings/Events

State League and Additional Events (evening)

Saturday, November 18

Workshops (morning)

Closing General Session and Luncheon

Annual Business Meeting (afternoon)

Host City Closing Event (evening), featuring legendary R&B and funk group The Commodores! Not to be missed!

Lauren Ryan

Program Manager for Conferences

National League of Cities

202-626-3071

www.nlc.org

From: Laura Lanford

Sent: Thursday, August 10, 2017 10:38 AM

To: Lauren Ryan <Ryan@nlc.org>

Cc: clottier@daniabeachfl.gov

Subject: FW: NLC University Leadership Summit Nov 15-18, 2017 in North Carolina

Hi Lauren,

Can you assist Christine with her request since you have the info? She below.

Thank you in advance for your help!

City Summit | Annual Conference of the National League of Cities

15 - 18 November 2017

Schedule At-a-Glance

Some sessions and times are subject to change, but the schedule below can be used to help you plan your travel for the conference. (Make sure your travel allows you to stay through Saturday night so you can experience what will be a legendary closing event featuring The Commodores!)

The 2017 conference workshop are now available. See what you'll learn about in Charlotte!

Tuesday, November 14

Registration Opens (evening)

Ask NLC Opens (evening)

Wednesday, November 15

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Annual Business Meeting (afternoon)

Host City Closing Event (evening), featuring legendary R&B and funk group The Commodores! Not to be missed!

Lottier, Christine

From: Event Customer Service <email_confirm@confmail.experient-inc.com>
Sent: Tuesday, August 22, 2017 12:12 PM
To: James, Tamara
Cc: Lottier, Christine
Subject: Registration/Housing Confirmation {NLC172:4910}



*** Please do not reply to this e-mail. It was sent from an automated system. ***

Confirmation

Thank you for registering for the 2017 National League of Cities City Summit. Remember that <http://citysummit.nlc.org/> is your online resource for the conference; please check back for updated information on sessions, speakers and special events. We look forward to seeing you in Charlotte, NC.

This confirmation includes BOTH YOUR HOUSING AND REGISTRATION information. This is your official confirmation for conference payment as well as your hotel reservation. Please print this out and retain it for your records.

To Make Changes or Additions to Your Housing and Registration click the link below.

[Click here to access your registration](#)

Profile

Confirmation ID: 4910
Tamara James
City of Dania Beach
100 W Dania Beach Blvd
Dania Beach, FL 33004-3643



Bring this confirmation to an onsite 'Express Badge Pickup' registration location. Just scan the barcode at any Express registration counter and your badge will be printed and waiting for you at badge pick-up. Valid photo ID will be required.

Registration Detail

Tamara James

Registration Type: First Time Attendee, Early | July 1 - September 15

Description	Date- Time	Item Total
Registration (Qty: 1)		\$460.00
Total Registration Fees:		\$460.00
Total Registration Paid:		(\$460.00)
Current Balance:		\$0.00

Housing

EMBASSY SUITES/ CHARLOTTE UPTOWN

401 East Martin Luther King Jr Blv
Charlotte, NC28202
Phone: 704-940-2517
Fax:

Status CONFIRM

Category KING SUITES

Occupancy Adults: 1 Children: 0

Arrival 16 November 2017

Departure 19 November 2017

Guests In Room Tamara James

Daily Rate \$189.00

Room Tax 7.00%

Deposit Credit Card Guarantee
Christine Lottier *****2569

Resort Fee \$0.00

Occupancy Tax \$8.25 Per Night

Note: Taxes and fees are
subject to change without notice

Total Charges \$0.00

Paid \$0.00

Balance Due \$0.00

Hotel Cancellation Policy

If you cancel your room within 72 hours prior to your arrival, the hotel will charge one night's room and tax to your credit card as a late cancel fee. Failure to check in on the date of your confirmed arrival (No Show) will result in this same cancellation charge, and your reservation will be cancelled.

Comments

Financial Summary

Total Housing Fees:	\$0.00
Total Amount Applied to Housing:	\$0.00
Housing Balance:	\$0.00
Total of All Fees:	\$460.00
Total Amount Applied to All Fees: (\$460.00)	
Total Balance Due:	\$0.00

Payment History

Payment #108/22/2017 - \$460.00 [Payment]
Christine Lottier / Visa / *****2569

Payment Allocation

08/22/2017	Applied: Tamara James's Hotel Reservation	\$0.00
08/22/2017	Applied: Tamara James's Registration	\$460.00
Total Amount Applied:		\$460.00
Total Amount Not Used:		\$0.00

Payment Totals

Total Payments: \$460.00

Total Refunds: \$0.00

Total Net Paid: \$460.00

Cancellation Policy

Registration Change/Cancellation Information

All requests must be received in writing, postmarked by October 27, 2017, and are subject to a \$100 cancellation fee. No partial refunds will be made if you decide not to attend particular functions. No registrations or cancellations will be accepted by telephone. No cancellations will be accepted after October 27, 2017.

Hotel Change/Cancellation Information

No cancellations will be accepted over the phone. Please submit all housing cancellations in writing to NLCCS@experient-inc.com on or before Monday, October 16, 2017. Beginning on October 20, 2017, all changes and cancellations must be made directly with your confirmed hotel.

Bedding type preferences and special requests will be submitted to your confirmed hotel as requests only and cannot be guaranteed.

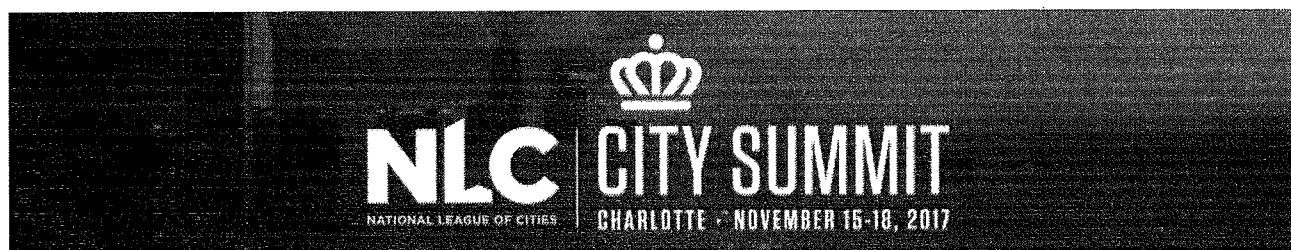
For Questions or Correspondence

If any of the registration or housing information printed above is incorrect, please contact Customer Service at 866-221-7895 or by email at NLCCS@experient-inc.com.

Registration and Housing Center Information
NLC Registration and Housing Center c/o Experient
5202 Presidents Court, Ste G100
Frederick, MD 21703
Toll Free Phone: 866-221-7895
International: 240-439-2970
Email: NLCCS@experient-inc.com

Welcome Tamara!

MENU



Registration Type

Please select your registration type from the choices and click **Next**.

☐ Advisory Committee

- EARLY | JULY 1 - SEPTEMBER 15

\$635.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$745.00

- ONSITE | STARTING NOVEMBER 15

\$845.00

☐ Board of Directors

- EARLY | JULY 1 - SEPTEMBER 15

\$635.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$745.00

- ONSITE | STARTING NOVEMBER 15

\$845.00

☐ Business Partner

- EARLY | JULY 1 - SEPTEMBER 15

\$635.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$745.00

- ONSITE | STARTING NOVEMBER 15

\$845.00

☐ Committee Chair

- EARLY | JULY 1 - SEPTEMBER 15

\$635.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$745.00

- ONSITE | STARTING NOVEMBER 15

\$845.00

☐ Corporate Partner

- EARLY | JULY 1 - SEPTEMBER 15

\$635.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$745.00

- ONSITE | STARTING NOVEMBER 15

\$845.00

☒ First Time Attendee

- EARLY | JULY 1 - SEPTEMBER 15

\$460.00

- ADVANCE | SEPTEMBER 16 - NOVEMBER 14

\$460.00

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Depart Fort Lauderdale, FL to Charlotte, NC

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10:10 AM → 12:13 PM 2h 3m Nonstop Main Cabin

AA 1757 ■ 320-Airbus A320 

[Details](#) | [Change](#)

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Sunday, November 19, 2017

11:55 AM → 2:00 PM 2h 5m Nonstop Main Cabin

AA 605 ■ 321-Airbus A321 

[Details](#) | [Change](#)

Upgrade to First

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\$ **607** per person

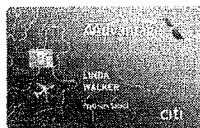
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Within and between U.S., Puerto Rico and U.S. Virgin Islands	\$25*	\$0	\$0	\$0	
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401 East Martin Luther King Jr. Blvd., Charlotte, North Carolina, 28202, USA TEL: +1-704-940-2517 FAX: +1-704-940-2519

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mile
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-80.84263
Route Results

Route Results

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Directions from the Hotel Staff

From I-77 South: Exit Brookshire Freeway (I-277) South. Take Exit 1E and follow to South Blvd/Caldwell Street Ramp. Turn Right onto South Blvd. At the next light, turn left onto MLK Blvd. Hotel entrance is on the right.

From I-77 North: Exit John Belk Freeway (I-277) North. Take Exit 1E South Blvd/Caldwell Street. Merge onto South Blvd/Caldwell Street. At next right turn left onto MLK Blvd. Hotel entrance is on the right.

From I-85: Exit onto I-77 South. From I-77 South Exit Brookshire Freeway (I-277) South. Take Exit 1E and follow to South Blvd/Caldwell Street Ramp. Turn Right onto South Blvd. At the next light, turn left onto MLK Blvd. Hotel entrance is on the right.

How to Get Here

FROM THE AIRPORT

Charlotte/Douglas International Airport

Directions

Follow Uptown Charlotte directions from airport. Property is located off John Belk Freeway, I-277, Exit 1E-Caldwell Street. Take Caldwell Eastbound to MLK Blvd-turn left, hotel is located on right.

Distance from Hotel: 10 mi.

Drive Time: 20 min.

TRANSPORTATION TO AND FROM AIRPORT :

Type	Typical Minimum Charge
------	------------------------

Bus Service	CATA
-------------	------

Limousine	35.00 USD
-----------	-----------

Rental Car	pickup located at airport
------------	---------------------------

Taxi	25.00 USD
------	-----------

Get Turn-by-Turn Directions

Concord Regional Airport

Directions

start out going northwest on W Martin Luther King Blvd toward S Graham St/US-29 N/US-29 S/NC-49. Turn right onto S Graham St/US-29 N/NC-49. Continue to follow S Graham St. Merge onto I-85 N. Take Concord Mills Blvd EXIT 49 follow signs

Distance from Hotel: 15 mi.

Drive Time: 35 min.

Get Turn-by-Turn Directions



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CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Consent Agenda

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT RESOLUTION SUPPORTING A BILL IN THE 2018 FLORIDA LEGISLATURE TO MAKE TEXTING WHILE DRIVING A PRIMARY OFFENSE UNDER FLORIDA LAW.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution

RESOLUTION NO. 2017-099

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, SUPPORTING A BILL IN THE 2018 FLORIDA LEGISLATURE TO MAKE TEXTING WHILE DRIVING A PRIMARY OFFENSE UNDER FLORIDA LAW; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Florida Statutes, Section 316.305, Wireless communications devices; prohibition, is cited as the “Florida Ban on Texting While Driving Law” (the “Law”); and

WHEREAS, the Law currently provides that enforcement by state and local law enforcement agencies must be accomplished only as a secondary action when an operator of a motor vehicle has been detained for suspected violation of another provision of Chapter 316, Chapter 320, or Chapter 322, Florida Statutes; and

WHEREAS, texting while driving is particularly dangerous because it involves cognitive, visual and manual distraction, facilitating the greatest crash risk of all forms of distracted driving; and

WHEREAS, currently texting while driving only carries a \$30.00 fine as a traffic infraction; and

WHEREAS, forty-six states consider texting while driving a primary offense, meaning an operator may be detained solely for the reason of texting while driving; and

WHEREAS, Florida is only one of four states that considers texting while driving a secondary offense; and

WHEREAS, statistics gathered by the National Safety Council and the National Highway Traffic Safety Administration find that:

- Approximately ten people are killed every day in the United States by distracted drivers;
- One in four motor vehicle crashes involve drivers talking and texting on cell phones;
- Drivers increase their chances of crashing fourfold when using cell phones while driving;
- There are over 390,000 people injured annually in accidents and attributed to

distracted drivers; and

WHEREAS, the City Commission finds it in the best interests of the residents of the City and all Floridians that enforcement by state or local law enforcement agencies be accomplished when an operator of a motor vehicle may be detained for the sole reason of texting while driving for the protection of the operator, motorists, pedestrians, and bicyclists.

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

Section 1. The foregoing “Whereas” clauses are ratified and confirmed as being true and correct, and they are made a specific part of and incorporated into this Resolution by this reference.

Section 2. The City Commission urges the 2018 Florida Legislature to enact a bill that substantially amends Section 316.305 of the Florida Statutes, to make texting while driving enforceable as a primary offense.

Section 3. The City Clerk is directed to send a copy of the Resolution to each municipality in Broward County, the Broward County Board of County Commissioners, the Broward League of Cities, the Broward Legislative Delegation, the Florida League of Cities, the Speaker of the House of Representatives, the President of the Florida Senate, and the Governor of Florida.

Section 4. The appropriate City officials are authorized to execute all necessary documents and to take any necessary action to effectuate the intent of this Resolution.

Section 5. This Resolution shall be in force and take effect immediately upon passage and adoption.

PASSED AND ADOPTED on September 12, 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)

ADOPT RESOLUTION URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S ADMINISTRATION'S DECISION AND THE DEPARTMENT OF JUSTICE POSITION THAT THE CIVIL RIGHTS ACT DOES NOT AFFORD PROTECTION FROM EMPLOYMENT DISCRIMINATION ON THE BASIS OF SEXUAL ORIENTATION OR GENDER IDENTITY.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution

RESOLUTION NO. 2017-100

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S ADMINISTRATION'S DECISION AND THE DEPARTMENT OF JUSTICE POSITION THAT THE CIVIL RIGHTS ACT DOES NOT AFFORD PROTECTION FROM EMPLOYMENT DISCRIMINATION ON THE BASIS OF SEXUAL ORIENTATION OR GENDER IDENTITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on July 26, 2017, the Department of Justice ("DOJ"), although not a party to the subject litigation, filed a brief in an ongoing Second Circuit case, arguing that Title VII of the Civil Rights Act of 1964 (Title VII) – a major federal anti-discrimination statute – does not prohibit discrimination based on sexual orientation; and

WHEREAS, the same day, President Trump announced that he would ban transgender people from serving in the military; and

WHEREAS, the Equal Employment Opportunity Commission has argued for years in court filings that sexual orientation discrimination is sex discrimination under Title VII; and

WHEREAS, the City Commission of the City of Dania Beach opposes all forms of discrimination; and

WHEREAS, the City Commission opposes the position taken by President Trump and that of the DOJ; and

WHEREAS, the City Commission believes the opposition of the position taken by President Trump and that of the DOJ is in the best interests of the residents and businesses of the City of Dania Beach, the State of Florida and the United States of America;

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

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

Section 2. The City Commission urges all members of the Federal and State of Florida Government to oppose President Trump's Administration's claim that the Civil Rights Act does

not afford protection from employment discrimination on the basis of sexual orientation or gender identity.

Section 3. The City Commission of the City of Dania Beach formally requests that President Trump reconsider his discriminatory policy decision and direct the DOJ to maintain the previous position of the United States that the Civil Rights Act prohibits discrimination against minority groups and classes of people including, but not limited to, the LGBT community.

Section 4. The City Commission further directs City Administration to transmit a certified copy of this Resolution to the National League of Cities, the Florida League of Cities, the Broward League of Cities, the Broward Legislative Delegation, the U.S. Congressional Delegation for Florida, President Trump, the White House and any other interested parties.

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

Section 6. This Resolution shall be in force and take effect immediately upon passage and adoption.

PASSED AND ADOPTED on September 12, 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)

ADOPT RESOLUTION URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY; TO ENACT ANY AND ALL LEGISLATION, RULES, REGULATIONS AND POLICIES TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Resolution

RESOLUTION NO. 2017-101

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, URGING ALL MEMBERS OF THE FEDERAL AND STATE OF FLORIDA GOVERNMENT TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY; TO ENACT ANY AND ALL LEGISLATION, RULES, REGULATIONS AND POLICIES TO OPPOSE PRESIDENT TRUMP'S BAN ON TRANSGENDER PEOPLE SERVING IN THE MILITARY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, on July 26, 2017, President Trump issued via Twitter a ban on transgender people serving in the military; and

WHEREAS, the City Commission of the City of Dania Beach opposes any policy, law or regulation that is discriminatory; and

WHEREAS, a 2016 Rand Corp study commissioned by the Defense Department concluded that letting transgender people serve openly would have a "minimal impact" on readiness and health care costs; and

WHEREAS, Representative Dan Kildee, D-Michigan, the vice-chair of the congressional LGBT caucus, called President Trump's decision a "slap in the face to the thousands of transgender Americans already serving in the military" and said it "undermines our military's readiness." Rep. Kildee stated further "(a)nyone who is willing to put on the uniform of the United States and risk their life in service to our country should be celebrated as patriots, regardless of their gender identity. This short-sighted and discriminatory policy will make America less safe"; and

WHEREAS, on August 1, 2017, fifty-six retired U.S. generals, admirals and other senior officers voiced opposition to President Trump's announcement of a ban on transgender military service, saying it would be disruptive and degrade readiness and deprive the military of talent or force members to live a lie; and

WHEREAS, the link between strong anti-discrimination laws and the ability to draw the best and the brightest is the reason that 84 percent of the nation's largest companies have adopted comprehensive anti-discrimination policies that include sexual orientation and gender identity; and

WHEREAS, the City Commission believes the opposition of President Trump's ban is in the best interests of the residents and businesses of the City of Dania Beach, the State of Florida

and the United States of America.

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

Section 1. The foregoing “Whereas” clauses are ratified and confirmed as being true and correct, and they are made a specific part of and incorporated into this Resolution by this reference.

Section 2. The City Commission of the City of Dania Beach urges all members of the Federal and State Governments oppose President Trump’s ban on transgender people serving in the military and to enact any and all legislation, rules, regulations and policies to oppose President Trump’s ban on transgender people serving in the military.

Section 3. The City Commission of the City of Dania Beach formally requests that President Trump reconsider his policy decision, and return to the previous position of the United States, and permit all qualified and patriotic members of the LGBT community to serve openly without discrimination.

Section 4. The City Commission further directs City Administration to transmit a certified copy of this Resolution to the National League of Cities, the Florida League of Cities, the Broward League of Cities, the Broward Legislative Delegation, the U.S. Congressional Delegation for Florida, President Trump, the White House and any other interested parties.

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

Section 6. This Resolution shall be in force and take effect immediately upon passage and adoption.

PASSED AND ADOPTED on September 12, 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: Resolution

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT RESOLUTION AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN INTERLOCAL AGREEMENT WITH BROWARD COUNTY, FLORIDA, RELATING TO THE REPLACEMENT OF THE EXISTING ENTRANCEWAY SIGN AND ASSOCIATED LANDSCAPING AT GRIFFIN ROAD AND U.S. HIGHWAY ONE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Staff Report, Resolution



MEMORANDUM

DATE: September 12, 2017

TO: Tamara James, Mayor
William Harris, Vice Mayor
Chickie Brandimarte, Commissioner
Bobbie H. Grace, Commissioner
Marco Salvino, Sr., Commissioner

FROM: Robert Baldwin, City Manager

BY: Marc LaFerrier, AICP, Director of Community Development 

SUBJECT: **Approval of City/County Interlocal Agreement for the Griffin Road/US1 Entranceway Sign**

The City and its consultant have been meeting with the permitting agencies for the Griffin/US1 entranceway sign. During this review, Broward County indicated that an Interlocal Agreement between the City and the County will be needed. The City Attorney's Office has coordinated a final proposed agreement with the County Attorney's Office. The proposed agreement would allow the City to construct, maintain and operate that the sign as approved by the City. The agreement also includes a provision reciting the County's commitment to fund the signs as required by the City/County Airport Interlocal Agreement.

The funds for this project are planned and appropriated in the FY 2016-2017 approved budget in the Capital Projects City Entrance Sign Project Account #301-18-07-519-63-10 which has a remaining balance of \$235,000.00. In accordance with the City of Dania Beach/Broward County Airport Interlocal Agreement, the City's expenditures for the US1/Griffin Road sign will be reimbursed by Broward County in an amount not to exceed \$250,000. Anticipated scheduling of the project is proceeding with bid approval by the City Commission in October, and permitting and construction in November to January.

RECOMMENDATION

Approve the attached resolution for the City/County Interlocal Agreement.

RESOLUTION NO. 2017-102

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE PROPER CITY OFFICIALS TO EXECUTE AN INTERLOCAL AGREEMENT WITH BROWARD COUNTY, FLORIDA, RELATING TO THE REPLACEMENT OF THE EXISTING ENTRANCEWAY SIGN AND ASSOCIATED LANDSCAPING AT GRIFFIN ROAD AND U.S. HIGHWAY ONE; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, an Agreement is proposed to be entered into pursuant to Section 163.01, Florida Statutes (2016) also known as the "Florida Interlocal Cooperation Act of 1969," and other Florida laws between the City and Broward County for the replacement of the existing entranceway sign and associated landscaping at Griffin Road and U.S Highway One; and

WHEREAS, Broward County ("County") is the owner of the Fort Lauderdale-Hollywood International Airport, ("Airport") located in Broward County, Florida; and

WHEREAS, the County and the City entered into an agreement dated January 9, 2001, relating to the design, installation, and maintenance of a "Welcome to Dania Beach" sign and associated landscaping at Griffin Road and U.S, Highway One ("2001 Agreement"); and

WHEREAS, pursuant to the 2001 Agreement, the County constructed and installed an entranceway sign and landscaping which the City maintains; and

WHEREAS, the County and the City subsequently entered into an interlocal agreement dated November 19, 2013, pursuant to which the County agreed to fund replacement of the existing sign with a new entranceway sign and associated landscaping, at a cost not to exceed Two Hundred Fifty Thousand Dollars (\$250,000.00), and the City agreed to be responsible for the maintenance and any power costs and expenses related to the new entranceway sign; and

WHEREAS, the County and the City wish to memorialize the terms of this arrangement, pursuant to an Interlocal Agreement;

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

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

Section 2. That the appropriate City Officials are authorized to execute an Interlocal Agreement related to the replacement of the entranceway sign and associated landscaping, which sign will be located at Griffin Road and U.S. Highway One in Broward County, Florida.

Section 3. The City is requesting that Special Permit No. S-8687.013 be further modified by FDOT to allow the City to remove the existing Improvements at the site and to install a new welcome sign and associated landscaping at the site in accordance with the terms specified in the Interlocal Agreement; the City will accept liability and maintenance responsibilities for the new welcome sign and associated landscaping.

Section 4. The appropriate City Officials are authorized to do all things necessary and expedient, in order to effectuate the execution of the Agreement described above, and to carry out the aims of this Resolution.

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

Section 6. That this Resolution shall be in force and take effect immediately upon its passage and adoption.

PASSED AND ADOPTED on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AMENDING CHAPTER 8, ENTITLED “BUILDINGS” OF THE CITY CODE OF ORDINANCES OF THE CITY OF DANIA BEACH, TO REQUIRE CERTAIN FENCE COVERINGS FOR COMMERCIAL PROPERTIES UNDER CONSTRUCTION

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Staff Report, Ordinance, Application



**CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
STAFF REPORT**

DATE: September 12, 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: **TX-68-17:** The applicant, City of Dania Beach, is requesting a zoning text amendment to the City's Code of Ordinances (SECOND READING).

**REQUEST
TEXT AMENDMENT**

1. To require construction banner sign for commercial development.

The proposed text amendment is to the City's Code of Ordinances. At this time staff is taking the opportunity to incorporate new regulations into the City's Code of Ordinances. Because the amendment is being made to the Code of Ordinances only, and not the Land Development Code, the Planning and Zoning Board was not presented with the proposed amendment.

The following amendment to the City's Code of Ordinances is proposed:

1. **CONSTRUCTION BANNER SIGN**

This amendment will add language regarding construction of banner signs, requiring them to be installed when a building permit is issued for commercial development. The banners are to be removed when the construction is complete.

This amendment requires two (2) public hearings by the City Commission

CITY COMMISSION PREVIOUS ACTION

On July 25, 2017 the City Commission approved the amendment on first reading.

STAFF RECOMMENDATION

Approve the proposed text amendment.

ORDINANCE NO. 2017-027

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 8, ENTITLED "BUILDINGS" OF THE CITY CODE OF ORDINANCES OF THE CITY OF DANIA BEACH, TO REQUIRE CERTAIN FENCE COVERINGS FOR COMMERCIAL PROPERTIES UNDER CONSTRUCTION; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the Florida Building Code often requires construction fencing to secure commercial construction sites; and

WHEREAS, the City Commission finds that the use of open chain link fencing surrounding active and often cluttered construction sites creates visual distraction; and

WHEREAS, the City Commission finds that open chain link fencing along public rights-of-way allows open viewing for the evaluation of resources on the site creating security issues; and

WHEREAS, the City Commission finds that the visual distraction of open commercial construction sites to drivers can create increased risks on adjacent roadways; and

WHEREAS, the City Commission finds that there is a significant benefit in directing construction traffic into construction sites off adjacent roadways in a quick and efficient manner; and

WHEREAS, the City Commission finds that creating a focal point at construction site entry points along public rights-of-way makes it easier for construction traffic to locate the entry point and quickly and more efficiently transition out of mainstream traffic; and

WHEREAS, the City Commission finds that for security purposes and the ease of identification of pertinent information by contractors, inspectors and the public alike, providing necessary contact information in a single uniform place is beneficial for all parties and the general public; and

WHEREAS, the screening of commercial construction sites adjacent to public rights-of-way with visually attractive, but opaque screening enhances the security of the site and dramatically improves neighborhood aesthetics; and

WHEREAS, the City Commission finds that adoption of this Ordinance through its police powers is in the best interests of the residents of the City.

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

Section 1. That the foregoing “Whereas” clauses are ratified and incorporated as the legislative intent of this Ordinance.

Section 2. That Chapter 8, entitled “Buildings” of the City’s Code of Ordinances is amended by creating a new Section 8-7, to read as follows:

Chapter 8 - BUILDINGS

ARTICLE I. - IN GENERAL

* * *

Sec. 8-7. – Fencing requirements for commercial properties under construction.

Where commercial properties under construction are required to provide security fencing pursuant to the City Code or the Florida Building Code, the following requirements shall be met, in addition to all requirements of the Florida Building Code:

- (1) All construction site fencing shall be maintained in a satisfactory manner by the permittee or landowner during the entire period of the construction to ensure adequate performance, to prevent nuisance conditions, and to maintain the public health, safety and welfare; and
- (2) Gates shall be secured and locked with a lock substantial enough to ensure closure and security when workers are not on the job site; and
- (3) When the construction site has required construction fencing which is adjacent to public right-of-way, the fence adjacent to said right-of-way shall have a visual/dust barrier of canvas or mesh fence covering. Such screening shall include:
 - a. Project renderings which may cover up to the entire length of the fence along the right-of-way, except as provided below, but shall not extend above the required fence;
 - b. The canvas or mesh fence panel covering shall provide identification of the name and intended use of the project, names of the project team member companies such as the architect, planner or Manager, lending institution, and owner or agent, the telephone number for the owner or

agent, and the name and emergency contact phone number of the general contractor;

- c. No part of the fence covering may contain advertising or sales information;
- d. Screen graphics can be permitted and installed after a permit application for site construction has been submitted, but must be installed no later than issuance of the permit for site construction;
- e. All screening shall be maintained in good condition and taut throughout the allotted permit time. The screening must be kept secure from any wind action, free of rips and tears.

(4) All wind screening and fence covering materials shall be removed upon the issuance of a hurricane warning applicable to the City. Screening materials shall be reinstalled not more than ten (10) days after the hurricane threat has ended.

(5) The fence and required coverings shall be installed no later than at the time of issuance of a building permit and shall be removed when a certificate of occupancy is received.

* * *

Section 3. That if any section, clause, sentence or phrase of this ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

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

Section 5. That this Ordinance shall be in force and take effect immediately upon its passage and adoption.

PASSED on first reading on July 25, 2017.

PASSED AND ADOPTED on second reading on September 12, 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, 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

Date Rec'd: _____

Petition No.: _____

☒ Other: Text Amendment (SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

THIS APPLICATION WILL NOT BE ACCEPTED UNTIL IT IS COMPLETE AND SUBMITTED WITH ALL NECESARRY DOCUMENTS. Refer to the application type at the top of this form and "Required Documentation" checklist to determine the supplemental documents required with each application.

For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: City Wide

Lot(s): _____ Block: _____ Subdivision: _____

Recorded Plat Name: _____

Folio Number(s): _____ Legal Description: _____

Applicant/Consultant/Legal Representative (circle one) City of Dania Beach

Address of Applicant: 100 W. Dania Beach Blvd.

Business Telephone: _____ Home: _____ Fax: _____

E-mail address: _____

Name of Property Owner: _____

Address of Property Owner: _____

Business Telephone: _____ Home: _____ Fax: _____

Explanation of Request: LDC Amendments

For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.**

Prop. Net Acreage: _____ Gross Acreage: _____ Prop. Square Footage: _____

Existing Use: _____ Proposed Use: _____

Is property owned individually, by a corporation, association, or a joint venture? _____

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize _____ (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

By: _____
(Owner / Agent signature*)

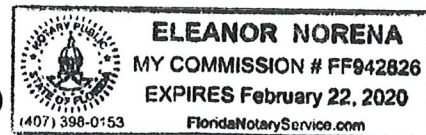
BEFORE ME THIS 8 DAY OF June, 2017

By:

Marc LaFerner
(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).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

***ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF
BEFORE PROCESSING OCCURS.***

CITY OF DANIA BEACH

Agenda Request Item

Type of Request: Ordinance

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AMENDING CHAPTER 28, THE “LAND DEVELOPMENT CODE,” OF THE CITY CODE OF ORDINANCES BY AMENDING ARTICLE 115, “INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE,” SECTION 115-50 “CONDITIONS OF USE” PROVIDING FOR REGULATIONS CONCERNING SEPARATION REQUIREMENTS FOR ELECTRICAL POWER PLANTS

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

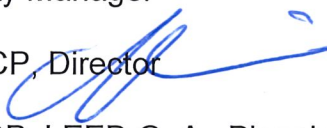
Staff Report, Application, Ordinance



**CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
STAFF REPORT**

DATE: September 12, 2017

TO: Robert Baldwin, City Manager

VIA: Marc LaFerrier, AICP, Director 

FROM: Corinne Lajoie, AICP, LEED G. A., Planning and Zoning Manager 

SUBJECT: **TX-69-17:** The applicant, Leigh Robinson Kerr and Associates, Inc. on behalf of Florida Power and Light Company, is requesting a zoning text amendment to the City's Unified Land Development Code (SECOND READING).

**REQUEST
TEXT AMENDMENT**

1. To amend the Land Development Code (LDC) conditions of use for electrical power plants, per Section 115-50(50).

The applicant is proposing a change to the conditions of use for electrical power plants by adding language excluding power plants that existed prior to 2017. The use of an electrical power plant is identified as a Special Exception Use with conditions only in the Industrial, Research, Office (IRO) and General Industrial (IG) zoning districts. The applicant is proposing the following language.

*"Conditions of use: must be located at least one thousand five hundred (1,500) feet from any property with a "residential" land use plan designation.
Applies to the following uses and districts:*

Distribution facility: IRO, IG

Railroad and truck terminal: IG

Electrical power plants IRO, IG:

- a. Where any new electrical power plant site did not exist prior to 2001.
- b. Where any new electrical generating unit would be built at an existing facility after 2001 (excluding facilities licensed through Florida Electrical Power Plant Siting Act applications PA89-26A2 and PA89-26H).
- c. Where any new type of fuel would be utilized.
- d. Solar generation and battery storage are not subject to Section 115-50.

Wastewater treatment facilities: IRO"

This application required two (2) public hearings at the City Commission

CITY COMISSION PREVIOUS ACTION

On August 22, 2017 the City Commission approved this item on first reading.

PLANNING AND ZONING BOARD PREVIOUS ACTION

On July 19, 2017 the Planning and Zoning Board recommended approval.

STAFF RECOMMENDATION

Approve on second and reading.

Transmittal

June 15, 2017

To: Corinne LaJoir

Re: LDC Amendment -Electrical Power Plants

From: Leigh R. Kerr

☐

Mail

☐

Hand

☐

Courier

☐

Fedex

No. of Copies	Description
1	Application Fee - \$6,000.00
1	City Application
1	Proposed change/narrative

☒

Review &
Comment

☒

For Your
Use

☐

As Requested

Remarks:





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: LDC Amendment.

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

Date Rec'd: _____

Petition No.: TX-069-17



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.**

Location Address: Not applicable. This as a proposed amendment to the City's Land

Lot(s): N/A Development Code: N/A
Block: _____ Subdivision: _____

Recorded Plat Name: N/A

Folio Number(s): N/A Legal Description: N/A

Applicant/Consultant/Legal Representative (circle one) Leigh Robinson Kerr & Associates, Inc. on behalf of
Florida Power & Light Company

Address of Applicant: 808 E. Las Olas Blvd. #104, Ft. Laud, FL 33301

Business Telephone: 954-467-6308 Home: n/a Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Not applicable. This as a proposed amendment to the City's

Name of Property Owner: Land Development Code.

Address of Property Owner: N/A

Business Telephone: N/A Home: N/A Fax: N/A

Explanation of Request: Amendment to City LDC.

For Plats please provide proposed Plat Name for Variances please attach Criteria Statement as per Section 625.40 of the Land Development Code.

Prop. Net Acreage: N/A Gross Acreage: N/A Prop. Square Footage: N/A

Existing Use: N/A Proposed Use: N/A

Is property owned individually, by a corporation, association, or a joint venture? N/A

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 Greenspoon Marder and Leigh Robinson Kerr & Associates, Inc. (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

By: [Signature]
(Owner / Agent signature*)

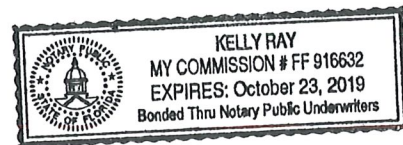
BEFORE ME THIS 15th DAY OF June, 2017

By:

Leigh R. Kerr
(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).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

***ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF
BEFORE PROCESSING OCCURS.***

PROPOSED CHANGE
(shown in strikethru/underline)

Sec. 115-50. - Conditions of use.

- 50 *Conditions of use:* must be located at least one thousand five hundred (1,500) feet from any property with a "residential" land use plan designation.

Applies to the following uses and districts:

Distribution facility: IRO, IG

Railroad and truck terminal: IG

Electrical power plants at any site where a power plant did not exist prior to 2017: IRO, IG

Wastewater treatment facilities: IRO

Project Request

The applicant is requesting an amendment to Sec. 115-50 of the City's Land Development Code to amend the conditions of use for Electrical Power Plants. The Code currently reads that within the IRO and IG zoning districts, electrical power plants must be located at least 1,500 feet from residential land uses. The request is to amend that separation requirement such that it only applies to power plants existing after December 31, 2016.

ORDINANCE NO. 2017-028
SECOND READING

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING CHAPTER 28, THE “LAND DEVELOPMENT CODE,” OF THE CITY CODE OF ORDINANCES BY AMENDING ARTICLE 115, “INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE,” SECTION 115-50 “CONDITIONS OF USE” PROVIDING FOR REGULATIONS CONCERNING SEPARATION REQUIREMENTS FOR ELECTRICAL POWER PLANTS; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, Article VIII, Section 2 of the Florida Constitution, and Chapter 166, Florida Statutes, provide municipalities the authority to exercise any power for municipal purposes, except where prohibited by law, and to adopt ordinances in furtherance of such authority; and

WHEREAS, Objective V of the Future Land Use Element of the City of Dania Beach Comprehensive Plan provides that the City of Dania Beach will maintain land development regulations and zoning regulations to implement the City’s Comprehensive Plan; and

WHEREAS, the City Commission of the City of Dania Beach (“City Commission”) finds it periodically necessary to amend its Code of Ordinances and Land Development Code (“Code”) in order to update regulations and procedures to implement municipal goals and objectives; and

WHEREAS, City staff recommends approval of a proposed change to the Code as shown below; and

WHEREAS, the Planning and Zoning Board, sitting as the City’s Local Planning Agency, has reviewed this Ordinance, and has determined that it is consistent with the City’s Comprehensive Plan; and

WHEREAS, pursuant to Section 166.041 (c)(2), Florida Statutes, notice has been given by publication in a newspaper of general circulation in the City, notifying the public of this proposed Ordinance and of the time and dates of the public hearings; and

WHEREAS, two (2) public hearings were held before the City Commission pursuant to the published notice described above; and

WHEREAS, the City Commission finds that adoption of this Ordinance through its police powers will protect the public health, safety, and welfare of the residents of the City, and

further the purpose, goals, objectives, and policies of the City's Comprehensive Plan;

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

Section 1. That the preceding "WHEREAS" clauses are ratified and incorporated as a record of the legislative intent of this Ordinance.

Section 2. That Chapter 28 "Land Development Code," Article 115 "Industrial Districts: Permitted, Prohibited, Special Exception Uses, and Conditions of Use" of the City of Dania Beach Land Development Code is amended to read as follows:

ARTICLE 115. - INDUSTRIAL DISTRICTS: PERMITTED, PROHIBITED, SPECIAL EXCEPTION USES, AND CONDITIONS OF USE

* * * * *

Sec. 115-50. – Conditions of use.

* * * * *

50 "Conditions of use: must be located at least one thousand five hundred (1,500) feet from any property with a "residential" land use plan designation.
Applies to the following uses and districts:

Distribution facility: IRO, IG

Railroad and truck terminal: IG

Electrical power plants IRO, IG:

- a. Where any new electrical power plant site did not exist prior to 2001.
- b. Where any new electrical generating unit would be built at an existing facility after 2001 (excluding facilities licensed through Florida Electrical Power Plant Siting Act applications PA89-26A2 and PA89-26H).
- c. Where any new type of fuel would be utilized.
- d. Solar generation and battery storage are not subject to Section 115-50.

Wastewater treatment facilities: IRO"

* * * * *

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed to such extent of the conflict.

Section 5. That this Ordinance shall take full effect immediately upon its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

TO APPROVE AND ADOPT ORDINANCE AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) TO FUND A LIFT STATION REHABILITATION PROJECT (LIFT STATION NUMBERS 5, 7 AND 10); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE. **(SECOND READING)**

Purchasing Requests ONLY

Dept:	Acct #:	Amt:
Fund:		

Fiscal Impact/Cost Summary

--

Exhibits Attached

Memo, Ordinance



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 *BK*

DATE: July 25, 2017

RE: Expenditure of City Funds Authorization for a Lift Station Rehabilitation Project

Background Information

Public Services Utilities Division has (16) Lift Stations citywide and has developed an annual maintenance program for the rehabilitation of lift stations due to age and distribution of the Lift Stations. Lift Stations 5, 7 and 10 are in need of immediate repair and upgrading. Due to the critical nature of these repairs Public Services is seeking expenditure of City funds for a Lift Station Rehabilitation Project.

Funding for this project will exceed the City's monetary threshold and therefore, we are requesting expenditure of City funds that exceeds One Million Dollars (\$1,000,000.00). Two (2) advertised public hearings are being scheduled for this Ordinance.

Recommendation

Public Services are recommending the City Commission approval of an Ordinance to authorize the expenditure of City funds exceeding One Million Dollars (\$1,000,000.00) to fund a Lift Station Rehabilitation Project for Lift Stations 5, 7, and 10.

ORDINANCE NO. 2017-029

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) TO FUND A LIFT STATION REHABILITATION PROJECT (LIFT STATION NUMBERS 5, 7 AND 10); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, “Certain Expenditures” of Article 3, “Powers of the City”, of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditure of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that funding for a Lift Station Rehabilitation Project will exceed the monetary threshold; and

WHEREAS, the expenditure is expected to exceed One Million Dollars (\$1,000,000.00) for a lift station rehabilitation project specifically for rehabilitation work on Lift Station Nos. 5, 7 and 10;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to the Lift Station Rehabilitation Project identified above.

Section 2. That the authorization by the City Commission to exceed more than One Million Dollars (\$1,000,000.00) applies only to rehabilitation work at Lift Station Nos. 5, 7 and 10.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)		
ADOPT ORDINANCE AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE GENERAL EMPLOYEES (“GE”) PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00)		

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

Fiscal Impact/Cost Summary

Exhibits Attached
Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-030

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE GENERAL EMPLOYEES ("GE") PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, "Certain Expenditures" of Article 3, "Powers of the City", of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that the employer contribution portion to the GE Pension Plan will exceed the monetary threshold; and

WHEREAS, expenditures for employer contribution portion to the GE Pension Plan will be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year for a number of years; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to employer contribution to be paid to the GE Pension Plan.

Section 2. That the expenditures for the employer contribution to the GE Pension Plan are expected to exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets for a number of years, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE POLICE AND FIREFIGHTERS (“P&F”) PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00)

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-031

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE CITY EXPENDITURE OF THE EMPLOYER CONTRIBUTION PORTION TO THE POLICE AND FIREFIGHTERS ("P&F") PENSION PLAN WHICH WILL EXCEED ONE MILLION DOLLARS (\$1,000,000.00); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, "Certain Expenditures" of Article 3, "Powers of the City", of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that the employer contribution portion to the P&F Pension Plan will exceed the monetary threshold; and

WHEREAS, expenditures for employer contribution portion to the P&F Pension Plan will be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year for a number of years; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to employer contribution to be paid to the P&F Pension Plan.

Section 2. That the expenditures for the employer contribution to the P&F Pension Plan are expected to exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets for a number of years, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR FIRE RESCUE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO")

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-032

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR FIRE RESCUE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO"); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, "Certain Expenditures" of Article 3, "Powers of the City", of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that funding for Fire Rescue Services provided by BSO will exceed the monetary threshold; and

WHEREAS, expenditures for Fire Rescue Services will always be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to Fire Rescue Services provided by BSO.

Section 2. That the expenditures for Fire Rescue Services are expected to always exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR POLICE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO")

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-033

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR POLICE SERVICES PROVIDED BY THE BROWARD SHERIFF'S OFFICE ("BSO"); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, "Certain Expenditures" of Article 3, "Powers of the City", of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that funding for Police Services provided by BSO will exceed the monetary threshold; and

WHEREAS, expenditures for Police Services will always be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to Police Services provided by BSO.

Section 2. That the expenditures for Police Services are expected to always exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE SOLID WASTE REMOVAL SERVICES AGREEMENT WHICH SERVICES ARE PROVIDED BY WASTE MANAGEMENT INC. OF FLORIDA (“WMI”)

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-034

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE SOLID WASTE REMOVAL SERVICES AGREEMENT WHICH SERVICES ARE PROVIDED BY WASTE MANAGEMENT INC. OF FLORIDA ("WMI"); PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, "Certain Expenditures" of Article 3, "Powers of the City", of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that funding for the Solid Waste Removal Services Agreement provided by WMI will exceed the monetary threshold; and

WHEREAS, expenditures for Solid Waste Removal Services will always be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to Solid Waste Removal Services Agreement provided by WMI.

Section 2. That the expenditures for the Solid Waste Removal Agreement are expected to always exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Public Hearing

Continued from:

Requested Action (Identify appropriate Action or Motion)		
ADOPT ORDINANCE AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE LARGE USER SEWER AGREEMENT WHICH SERVICES ARE PROVIDED BY THE CITY OF HOLLYWOOD		

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

Fiscal Impact/Cost Summary

Exhibits Attached
Memo, Ordinance



**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-17-028

DATE: August 22, 2017

SUBJECT: Expenditures Exceeding \$1 Million

In order to comply with the City Charter as required by section 2 "certain expenditures" of Article 3 "Powers of the City" of the City Code of Ordinances requires that the City Commission approve by Ordinance any expenditure of City Funds that exceed \$1,000,000.00 after 2 advertised public hearings. The following expenditures are expected to exceed \$1M in the upcoming fiscal year and each fiscal year after.

- General Pension Contributions
- Police & Fire Pension Contributions
- Broward Sheriff's Office Fire Rescue Services Contract
- Broward Sheriff's Office Police Services Contract
- City of Hollywood Sewer Large User's Contract
- Waste Management Solidwaste Contract

Funding for these expenditures are planned and appropriated each year in the City's annual budget and approved by the City Commission.

Staff recommends Commission approval of the Ordinance.

ORDINANCE NO. 2017-035

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AUTHORIZING THE EXPENDITURE OF CITY FUNDS EXCEEDING ONE MILLION DOLLARS (\$1,000,000.00) FOR THE LARGE USER SEWER AGREEMENT WHICH SERVICES ARE PROVIDED BY THE CITY OF HOLLYWOOD; PROVIDING FOR SEVERABILITY; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Section 2, “Certain Expenditures” of Article 3, “Powers of the City”, of the City Code of Ordinances, the City Commission must, by ordinance approve any expenditures of City funds that exceeds One Million Dollars (\$1,000,000.00) after two (2) advertised public hearings of the ordinance; and

WHEREAS, City staff anticipates that funding for the Large User Sewer Agreement provided by the City of Hollywood will exceed the monetary threshold; and

WHEREAS, expenditures for the Large Users Sewer Agreement will always be expected to exceed One Million Dollars (\$1,000,000.00) per fiscal year; therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years;

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

Section 1. That the proper City officials are authorized to expend more than One Million Dollars (\$1,000,000.00) relating to the Large User Sewer Agreement for services provided by the City of Hollywood.

Section 2. That the expenditures for the Large User Sewer Agreement are expected to always exceed the One Million Dollar (\$1,000,000.00) threshold in future fiscal year budgets, and, therefore, this Ordinance authorizes such expenditures which are made in future budgets for future fiscal years.

Section 3. That if any section, clause, sentence or phrase of this Ordinance is for any reason held invalid or unconstitutional by a court of competent jurisdiction, the holding shall not affect the validity of the remaining portions of this Ordinance.

Section 4. That all ordinances or parts of ordinances in conflict with the provisions of this Ordinance are repealed.

Section 5. That this Ordinance shall take effect immediately at the time of its passage and adoption.

PASSED on first reading on August 22, 2017.

PASSED AND ADOPTED on second reading on September 12, 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: Ordinance

Continued from:

Requested Action (Identify appropriate Action or Motion)

ADOPT ORDINANCE AMENDING THE FUTURE LAND USE ELEMENT OF THE DANIA BEACH COMPREHENSIVE PLAN TO CHANGE THE FUTURE LAND USE TEXT TO ADD AN ELECTRICAL GENERATION FACILITIES LAND USE CLASSIFICATION AS ATTACHED HERETO AND TO AMEND THE FUTURE LAND USE PLAN MAP TO CHANGE THE DESIGNATION OF APPROXIMATELY 373 GROSS ACRES AS LEGALLY DESCRIBED IN EXHIBIT "A" ATTACHED TO THIS ORDINANCE, FROM UTILITIES AND INDUSTRIAL TO ELECTRICAL GENERATION FACILITIES FOR PROPERTY LOCATED AT 3051 SW 30th AVENUE, PURSUANT TO A REQUEST SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC./LEIGH R. KERR, AICP ON BEHALF OF THE PROPERTY OWNER, FLORIDA POWER & LIGHT COMPANY (LU-87-17); PROVIDING FOR TRANSMITTAL TO THE BROWARD COUNTY PLANNING COUNCIL AND STATE AGENCIES; PROVIDING FOR ADOPTION PURSUANT TO SECTION 163.3184, FLORIDA STATUTES; REQUESTING RECERTIFICATION FROM THE BROWARD COUNTY PLANNING COUNCIL

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Staff Report, Ordinance, Application and Backup



**CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
STAFF REPORT**

DATE: September 12, 2017

TO: Robert Baldwin, City Manager

VIA: Marc LaFerrier, AICP, Director *[Signature]*

FROM: Corinne Lajoie, AICP, LEED G.A., Planning and Zoning Manager *CM Lajoie*

SUBJECT: **LU-87-17:** The applicant, Leigh Robinson Kerr and Associates, Inc. on behalf of Florida Power and Light Company (FPL), is requesting amendments to the City's Comprehensive Plan for the property located at 3051 SW 30 Avenue (FIRST READING).

REQUEST

COMPREHENSIVE PLAN TEXT AMENDMENT

To amend the City's Comprehensive Plan to add Electrical Generation Facilities Use category to the Future Land Use Element.

COMPREHENSIVE PLAN MAP AMENDMENT

To change the Future Land Use designation of the existing FPL plant from "Utilities and Industrial" to "Electrical Generation Facilities" on the City's Future Land Use map.

PROPERTY INFORMATION

EXISTING ZONING:	General Industrial (IG)
LAND USE DESIGNATION:	Utilities (U)

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 site has been utilized as a power generation facility since 1927 and is currently utilized as such by FPL. In 2002, the Broward County Commission established a new Electrical Generation Facilities category within the Broward County Land Use Plan. The applicant has requested to change the subject site from "Utilities and Industrial" land use designation to "Electrical Generation Facilities" land use designation on the City's Land Use Plan map to be consistent with the Broward County Plan. The request includes both a text amendment and map amendment. The amendment to the text will add a definition of the use and a description of uses permitted on land with Electrical Generation Facilities designation. The map amendment will change the Future Land Use map designation for the property.

The proposed text amendment will read as follows:

u. Electrical Generation Facilities Use

Electrical Generation Facilities Uses are designated on the Land Use Plan Map, to ensure the availability of land for electrical power plants and associated ancillary uses are adequate to meet the current and future needs of the City's and Broward County's population.

The permitted uses in area designated electrical generation facilities are as follows:

Electrical power plants.

Other uses determined to be ancillary to the primary uses.

Recreation and open space uses may also be permitted as long as the location of the uses does not preclude or adversely affect the future use of the surrounding areas for electrical generation facilities.

This application will be heard by the City Commission at two (2) public hearings.

PLANNING AND ZONING BOARD ACTION

On August 16, 2017 the Planning and Zoning Board, recommended approval of the Comprehensive Plan amendments.

ORDINANCE NO. 2017-036

AN ORDINANCE OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, AMENDING THE FUTURE LAND USE ELEMENT OF THE DANIA BEACH COMPREHENSIVE PLAN TO CHANGE THE FUTURE LAND USE TEXT TO ADD AN ELECTRICAL GENERATION FACILITIES LAND USE CLASSIFICATION AS ATTACHED HERETO AND TO AMEND THE FUTURE LAND USE PLAN MAP TO CHANGE THE DESIGNATION OF APPROXIMATELY 373 GROSS ACRES AS LEGALLY DESCRIBED IN EXHIBIT "A" ATTACHED TO THIS ORDINANCE, FROM UTILITIES AND INDUSTRIAL TO ELECTRICAL GENERATION FACILITIES FOR PROPERTY LOCATED AT 3051 SW 30th AVENUE, PURSUANT TO A REQUEST SUBMITTED BY LEIGH ROBINSON KERR & ASSOCIATES, INC./LEIGH R. KERR, AICP ON BEHALF OF THE PROPERTY OWNER, FLORIDA POWER & LIGHT COMPANY (LU-87-17); PROVIDING FOR TRANSMITTAL TO THE BROWARD COUNTY PLANNING COUNCIL AND STATE AGENCIES; PROVIDING FOR ADOPTION PURSUANT TO SECTION 163.3184, FLORIDA STATUTES; REQUESTING RECERTIFICATION FROM THE BROWARD COUNTY PLANNING COUNCIL; PROVIDING FOR CONFLICTS; PROVIDING FOR SEVERABILITY; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, pursuant to Article 650 "Land Use Plan Amendment", of Chapter 28, "Land Development Code", of the City of Dania Beach (the "City") Code of Ordinances and Section 163.3184, Florida Statutes, the Applicant, Leigh Robinson Kerr & Associates, Inc./Leigh R. Kerr, AICP. on behalf of the property owner, Florida Power & Light Co., has applied to the City for approval of a future land use text amendment to add an Electrical Generation Facilities land use classification to the Future Land Use Element of the City's Comprehensive Plan as provided in Exhibit "B", and a Future Land Use Map ("FLUM") Amendment to the Comprehensive Plan from Utilities and Industrial to Electrical Generation Facilities on an approximately 373 acre parcel located at 3051 SW 30th Avenue as shown in Exhibit "C", and legally described in Exhibit "A"; and

WHEREAS, the City Commission of the City of Dania Beach has conducted duly noticed public hearings, in accordance with Section 163.3184(11), Florida Statutes, on the proposed Amendments; and

WHEREAS, staff recommended approval of the requested Future Land Use Text Amendment and the FLUM Amendment in its report dated September 12, 2017; and

WHEREAS, the City's Planning and Zoning Board, sitting as the Local Planning Agency, reviewed this request at its August 16, 2017 meeting and voted to recommend approval of this request; and

WHEREAS, after reviewing the Local Planning Agency's recommendation, the recommendation of City staff, and the comments from the public, the City Commission finds the proposed Future Land Use Text Amendment, attached as Exhibit "B" and the FLUM amendment to the City's Comprehensive Plan, as shown in Exhibit "C" for property legally described in Exhibit "A" to this Ordinance, are in compliance with and consistent with Florida law and its adopted Comprehensive Plan;

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

Section 1. That the foregoing Whereas clauses are ratified and incorporated as the legislative intent of this Ordinance.

Section 2. That pursuant to Section 163.3184, Florida Statutes, the Future Land Use Text Amendment to add the Electrical Generation Facilities land use classification, attached as Exhibit "B" and the FLUM Amendment to the Comprehensive Plan for the Property, legally described in Exhibit "A," from Industrial and Utilities to Electrical Generation Facilities as shown in Exhibit "C", are adopted.

Section 3. That the City staff is authorized to transmit the Amendment to the Florida Department of Community Affairs and other state agencies pursuant to the requirements of Chapter 163.3184, Florida Statutes.

Section 4. That City staff is authorized to transmit an application to the Broward County Planning Council to request amendment of the Broward County Land Use Plan map and to request recertification of the City's Future Land Use Plan including the Future Land Use Plan Map.

Section 5. That the provisions of this Ordinance are declared to be severable and if any section, sentence, clause or phrase of this Ordinance shall for any reason be held to be invalid or unconstitutional, such decision shall not affect the validity of the remaining sections, sentences, clauses, and phrases of this Ordinance but they shall remain in effect, it being the legislative intent that this Ordinance shall stand notwithstanding the invalidity of any part.

Section 6. That all ordinances or parts of ordinances and all resolutions or parts of resolutions in conflict with the provisions of this Ordinance are repealed to the extent of such conflict.

Section 7. That the effective date of this Amendment shall be after the second reading and adoption of the amendment by the City Commission and, subsequently, the date a final order is issued by the Florida Department of Community Affairs finding the amendment to be in compliance in accordance with Chapter 163, Florida Statutes; or the date a final order is issued by the Administration Commission finding the amendment to be in compliance in accordance with Chapter 163, Florida Statutes.

PASSED AND ADOPTED on first reading on September 12, 2017.

PASSED AND ADOPTED on second and final reading on _____, 2017.

ATTEST:

LOUISE STILSON, CMC
CITY CLERK

TAMARA JAMES
MAYOR

APPROVED AS TO FORM AND CORRECTNESS:

THOMAS J. ANSBRO
CITY ATTORNEY

EXHIBIT A

SKETCH AND DESCRIPTION

FP & L

LAUDERDALE PLANT

Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA

SURVEYOR'S NOTES:

1. Reproductions of this Sketch are not valid without the signature and the original raised seal of a Florida Licensed Surveyor and Mapper. Additions or deletions to this sketch by other than the signing party is prohibited without written consent of the signing party.
2. No Title Opinion or Abstract to the subject property has been provided. It is possible that there are Deeds, Easements, or other instruments (recorded or unrecorded) which may affect the subject property. No search of the Public Records has been made by the Surveyor.
3. The land description shown hereon is in based on a survey by A.R. Toussaint & Associates, Inc., dated June 1989, provide by Florida Power & Light and Company.
4. Bearings shown hereon are referenced to the North-South centerline of section 30-50-42, having a bearing of N 01°41'25" W.
5. Data shown hereon was compiled from instrument(s) of record and does not constitute a boundary survey.
6. Abbreviation Legend: A = Arc Length; C = Calculated; Δ = Central Angle; D = Per Deed; FP&L = Florida Power & Light; L.B. = Licensed Business; Ms = Measured; MHW = Mean High Water; NAD = North American Datum; O.R.B. = Official Records Book; ORD = Ordinance Number; P.B. = Plat Book; PG. = Page; P.L.S. = Professional Land Surveyor; P.O.B. = Point of Beginning; P.O.C. = Point of Commencement; P.R.B.C.F. = Public Records of Broward County Florida; R = Radius; R/W = Right-of-Way; S.F. = Square Feet; S.F.W.M.D. = South Florida Water Management District;

CERTIFICATION:

I HEREBY CERTIFY that the attached Sketch and Description of the hereon described property is true and correct to the best of my knowledge and belief as prepared under my direction. I FURTHER CERTIFY that this Sketch and Description meets the Standards of Practice set forth in Chapter 5J-17, Florida Administrative Code, pursuant to Section 472.027, Florida Statutes.

Date: 8/14/2017


JOHN T. DOOGAN, P.L.S.
Florida Registration No. 4409
AVIROM & ASSOCIATES, INC.
L.B. No. 3300

NOT VALID WITHOUT SHEETS 1 - 10

REVISIONS			AVIROM & ASSOCIATES, INC. SURVEYING & MAPPING 50 S.W. 2ND AVENUE, SUITE 102 BOCA RATON, FLORIDA 33432 TEL. (561) 392-2594, FAX (561) 394-7125 www.AVIROM-SURVEY.com ©2017 AVIROM & ASSOCIATES, INC. all rights reserved. This sketch is the property of AVIROM & ASSOCIATES, INC. and should not be reproduced or copied without written permission.	JOB #:	4143-16
				SCALE:	1" = 300'
				DATE:	08/04/2017
				BY:	G.Y.C.
				CHECKED:	J.T.D.
				F.B.	PG.
				SHEET	1 OF 10

SKETCH AND DESCRIPTION

FP & L

LAUDERDALE PLANT

Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA

LAND DESCRIPTION:

A PORTION OF SECTION 25, TOWNSHIP 50 SOUTH, RANGE 41 EAST AND A PORTION OF SECTIONS 19, 20 AND 30 TOWNSHIP 50 SOUTH, RANGE 42 EAST OF BROWARD COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE CENTER OF SAID SECTION 30-50-42, THENCE S 01°41'18" E, ALONG EAST LINE OF THE SW ¼ OF SAID SECTION 30, FOR 814.58 FEET TO THE APPROXIMATE CENTERLINE OF DANIA CUT-OFF CANAL, BEING THE POINT OF BEGINNING OF HEREINAFTER DESCRIBED BOUNDARY:

FROM SAID POINT OF BEGINNING; THENCE S 88°44'30" W, ALONG SAID APPROXIMATE CENTERLINE, FOR 3247.52 FEET TO THE INTERSECTION WITH THE EASTERLY RIGHT-OF-WAY LINE OF THE SOUTH NEW RIVER CANAL (C-11, 260' WIDE R/W), AS SHOWN ON ROUTE 441 RESOURCE RECOVERY SITE PLAT RECORDED IN PLAT BOOK 132 AT PAGE 41 P.R.B.C.F.; THENCE N 35°44'42" E, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, FOR 450.45 FEET; THENCE N 20°05'06" E, CONTINUING ALONG SAID EASTERLY RIGHT-OF-WAY LINE, FOR 1200.99 FEET TO A POINT ON THE COMMON SECTION LINE BETWEEN SECTION 25-50-41 AND SECTION 30-50-42; THENCE N 22°11'30" E FOR 847.25 FEET; THENCE N 22°17'02" E, ALONG EASTERLY LINE OF PARCEL 2-A, AS DESCRIBED IN O.R.B. 14269 AT PAGE 344 P.R.B.C.F.; THENCE N 33°08'26" E, CONTINUING ALONG EASTERLY LINE OF SAID PARCEL 2-A, FOR 321.26 FEET; THENCE N 38°52'20" E, ALONG LAST DESCRIBED LINE, FOR 390.68 FEET; THENCE N 61° 13' 50" E, CONTINUING ALONG EASTERLY LINE OF SAID PARCEL 2-A, FOR 667.79 FEET TO A POINT ON THE NORTH LINE OF THE NW ¼ OF SECTION 30-50-42; THENCE S 88°56'29" E, ALONG SAID NORTH LINE, ALSO BEING THE SOUTH LINE OF PARCEL I, AS DESCRIBED IN O.R.B. 16063 AT PAGE 576 P.R.B.C.F., FOR 974.55 FEET TO THE NORTH ¼ CORNER; THENCE S 01°20'31" E, ALONG THE EAST LINE OF THE NW ¼ OF SECTION 30-50-42, FOR 125.00 FEET; THENCE N 66°27'10" E, CONTINUING ALONG THE SOUTHERLY LINE OF LAST DESCRIBED PARCEL I, FOR 2444.55 FEET; THENCE N 03°32'19" W, ALONG A LINE 275 FEET WEST OF AND PARALLEL TO THE EAST LINE OF SECTION 19-50-42, FOR 180.00 FEET; THENCE N 26°21'15" E FOR 551.19 FEET TO A POINT ON THE COMMON SECTION LINE BETWEEN SECTION 19-50-42 AND SECTION 20-50-42; THENCE N 03°32'19" W ALONG WEST LINE OF SAID SECTION 20, FOR 460.00 FEET TO THE NORTHWEST CORNER OF THE SOUTH ½ OF THE NORTH ½ OF THE SW ¼ OF SAID SECTION 20; THENCE N 89°20'02" E, ALONG NORTH LINE OF SAID SOUTH ½ OF NORTH ½ OF SW ¼ OF SECTION 20, FOR 1276.06 FEET; THENCE S 02°43'26" E, ALONG THE WEST LINE OF PARCEL DESCRIBED IN O.R.B. 15765 AT PAGE 565 P.R.B.C.F. FOR 568.15 FEET; THENCE S 03°59'55" W, CONTINUING ALONG LAST DESCRIBED DEED LINE, FOR 796.52 FEET TO A POINT ON THE NORTH LINE OF THE SOUTH ¼ OF THE SW ¼ OF SAID SECTION 20; THENCE S 89°38'50" W, ALONG THE NORTH LINE OF LAST DESCRIBED SOUTH ¼, ALSO BEING THE NORTH LINE OF PARCEL DESCRIBED IN O.R.B. 13396 AT PAGE 92 P.R.B.C.F., FOR 515.16 FEET TO THE NORTHWEST CORNER OF THE SE ¼ OF THE SW ¼ OF THE SW ¼ OF SAID SECTION 20; ; THENCE S 03°07'49" E, ALONG THE WEST LINE OF THE SE ¼, OF SW ¼, OF SW ¼, OF SECTION 20, ALSO BEING THE WEST LINE OF LAST DESCRIBED RECORDED PARCEL, FOR 680.05 FEET TO THE SOUTHWEST CORNER OF SAID SE ¼, SW ¼, SW ¼; THENCE S 89°48'27" W, ALONG THE SOUTH LINE OF THE SW ¼ OF SECTION 20, FOR 643.77 FEET TO THE SECTION CORNER COMMON TO SECTIONS 19, 20, 29 AND 30; THENCE S 01°41'35" E ALONG THE EAST LINE OF THE NE ¼ OF SAID SECTION 30-50-42, FOR 678.23 FEET; THENCE S 89°34'28" W FOR 100.02 FEET; THENCE S 01°41'35" E, ALONG A LINE 100 FEET WEST OF AND PARALLEL TO THE EAST LINE OF SAID NE ¼, FOR 900 FEET;

NOT VALID WITHOUT SHEETS 1 - 10

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SKETCH AND DESCRIPTION

FP & L

LAUDERDALE PLANT

Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA

LAND DESCRIPTION:

THENCE S 58°55'51" W FOR 513.52 FEET; THENCE S 00°59'09" E FOR 150.00 FEET; THENCE S 89°00'51" W FOR 150.00 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE TO THE LEFT; THENCE WESTERLY AND SOUTHWESTERLY ALONG THE ARC OF SAID CURVE TO THE LEFT, HAVING FOR ITS ELEMENTS, A CENTRAL ANGLE OF 24°35'20", A RADIUS OF 300.00 FEET, FOR AN ARC DISTANCE OF 128.75 FEET TO THE POINT OF TANGENT; THENCE S 64°25'31" W FOR 250.00 FEET; THENCE S 86°37'11" W FOR 144.67 FEET TO THE NORTHEAST CORNER OF PARCEL DESCRIBED IN O.R.B. 15188 AT PAGE 433 P.R.B.C.F.; THENCE S 86°20'16" W, ALONG THE NORTH LINE OF LAST DESCRIBED RECORDED PARCEL, FOR 976.33 FEET; THENCE S 01°41'18" E, ALONG THE WEST LINE OF LAST DESCRIBED RECORDED PARCEL, FOR 400.00 FEET; THENCE N 88°12'52" W, ALONG A LINE 40 FEET NORTH OF AND PARALLEL TO THE SOUTH LINE OF THE NE ¼ OF SAID SECTION 30, FOR 161.61 FEET; THENCE S 89°09'16" W FOR 138.70 FEET; THENCE S 01°41'18" E FOR 50.01 FEET; THENCE S 89°09'16" W FOR 100.01 FEET TO A POINT ON THE WEST LINE OF THE SE ¼ OF SAID SECTION 30; THENCE S 01°41'18" E, ALONG THE WEST LINE OF SAID SE ¼, FOR 793.62 FEET TO THE POINT OF BEGINNING; LESS THAT PORTION OF THE DANIA CUT-OFF CANAL WHICH LIES BELOW THE MEAN HIGH WATER LINE.

LESS AND EXCEPTING THE FOLLOWING: (CITY OF HOLLYWOOD)

THAT PORTION OF THE NORTH (N ½) OF THE SOUTHWEST ONE-QUARTER (SW ¼) OF SAID SECTION 30 TOWNSHIP 50 SOUTH, RANGE 42 EAST OF BROWARD COUNTY, FLORIDA, LYING NORTH OF THE DANIA CUT-OFF CANAL, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE CENTER OF SAID SECTION 30-50-42, THENCE S 01°41'18" E, ALONG EAST LINE OF THE SW ¼ OF SAID SECTION 30, FOR 814.58 FEET TO THE APPROXIMATE CENTERLINE OF DANIA CUT-OFF CANAL, BEING THE POINT OF BEGINNING OF HEREINAFTER DESCRIBED BOUNDARY:

FROM SAID POINT OF BEGINNING; THENCE S 88°44'30" W, ALONG SAID APPROXIMATE CENTERLINE, FOR 940.99 FEET TO THE INTERSECTION WITH THE EAST BOUNDARY LINE EXTENDED OF THE "RESUBDIVISION OF DAVIS ISLES SECTION 3" AS RECORDED IN PLAT BOOK 43 PAGE 40 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND THE MUNICIPAL LIMITS OF THE CITY OF HOLLYWOOD AS DESCRIBED IN CITY OF HOLLYWOOD ORDINANCE NUMBER 89-72; THENCE N 01°43'41" W ON SAID EAST BOUNDARY LINE FOR 800.46 FEET TO THE INTERSECTION WITH THE WESTERLY PROJECTION OF THE NORTHERLY LINE OF PARCEL "I", OF "PORT 95 COMMERCE PARK", AS RECORDED IN PLAT BOOK 144, PAGE 2 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; THENCE N 89°09'19" W ON SAID NORTHERLY LINE FOR 941.60 FEET TO A POINT OF INTERSECTION WITH THE WEST LINE OF THE SE ¼ OF SAID SECTION 30; THENCE S 01°41'18" E, ALONG THE WEST LINE OF SAID SE ¼, FOR 793.62 FEET TO THE POINT OF BEGINNING; LESS THAT PORTION OF THE DANIA CUT-OFF CANAL WHICH LIES BELOW THE MEAN HIGH WATER LINE.

SAID LANDS LYING AND SITUATE IN BROWARD COUNTY, FLORIDA, CONTAINING TOTAL NET 16,284,498 SQUARE FEET (373.8406 ACRES), MORE OR LESS.

NOT VALID WITHOUT SHEETS 1 - 10

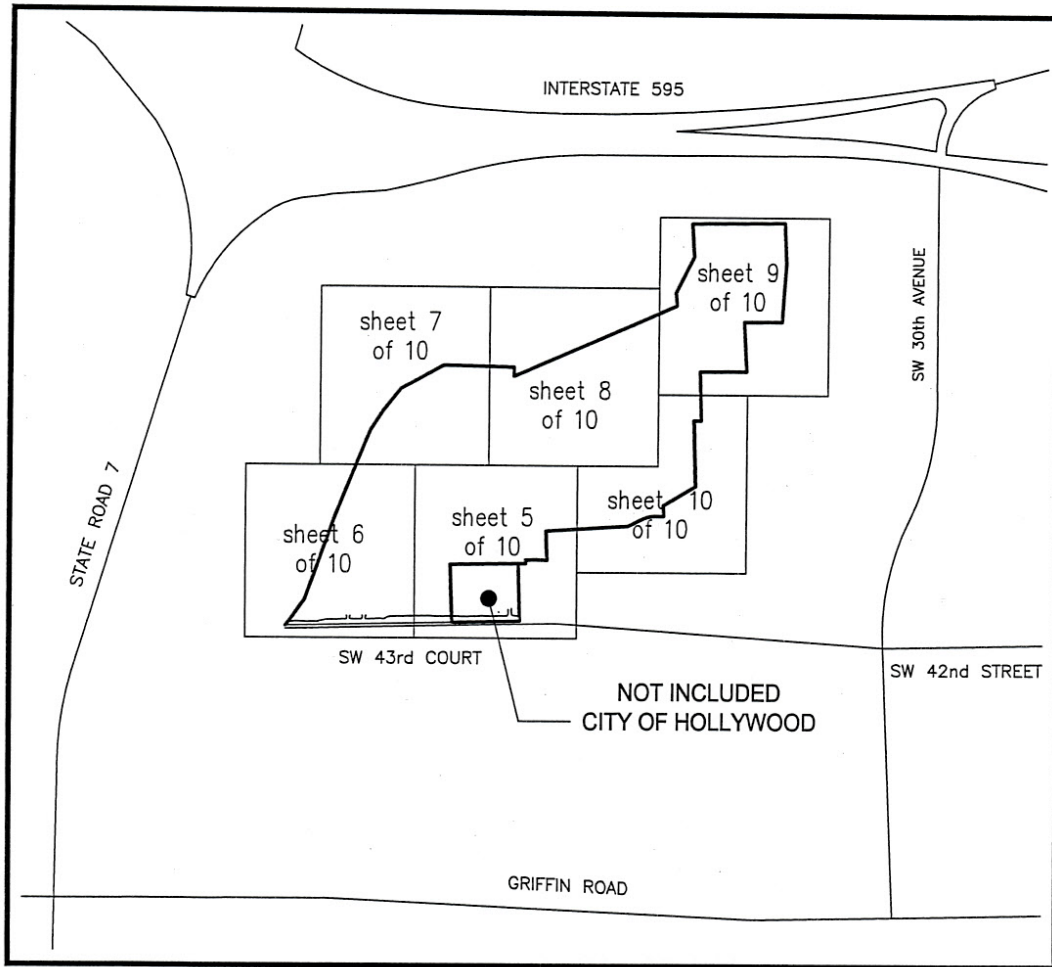
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SKETCH AND DESCRIPTION

FP & L

LAUDERDALE PLANT

Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA



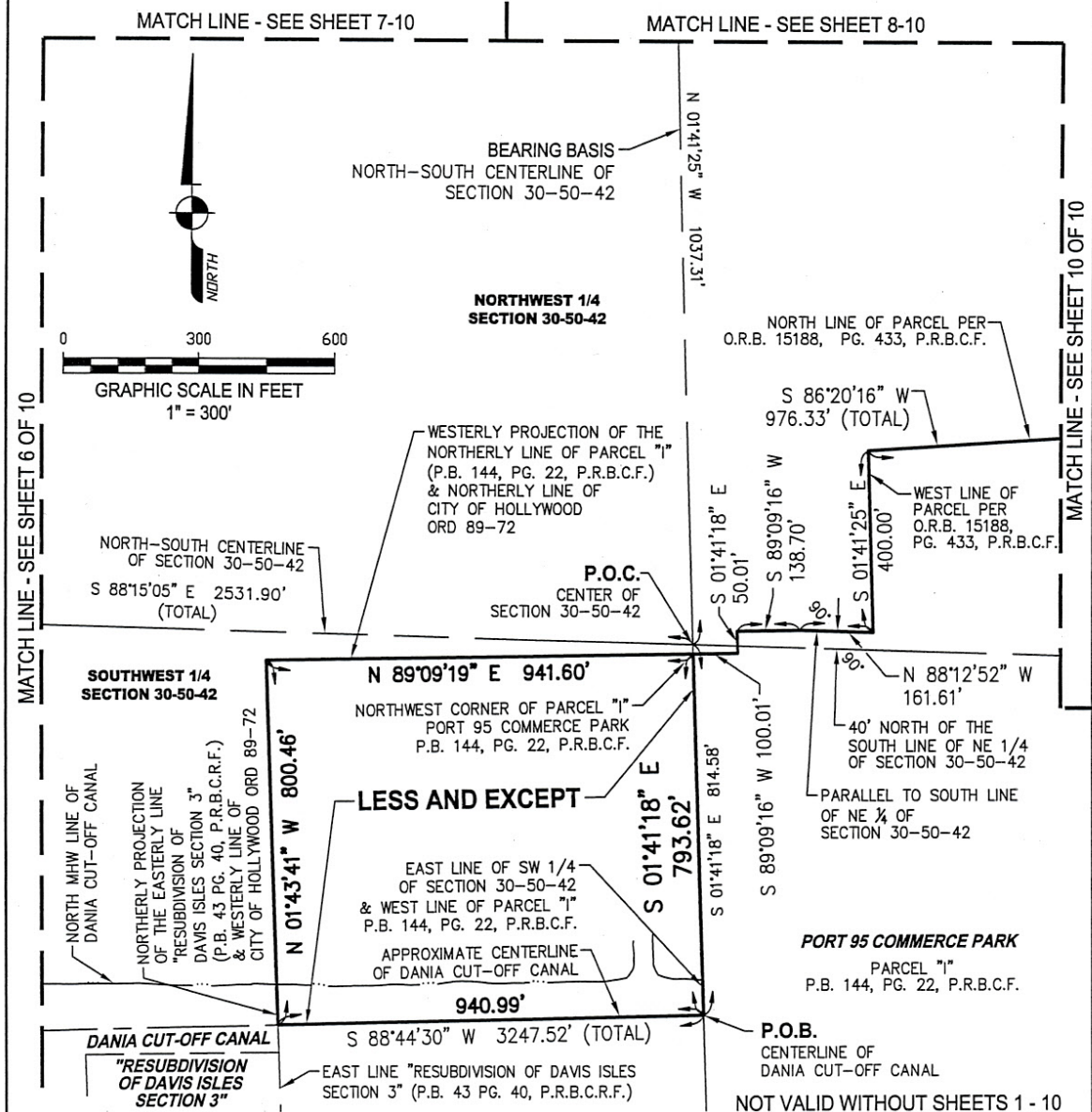
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SKETCH AND DESCRIPTION FP & L

LAUDERDALE PLANT
Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA



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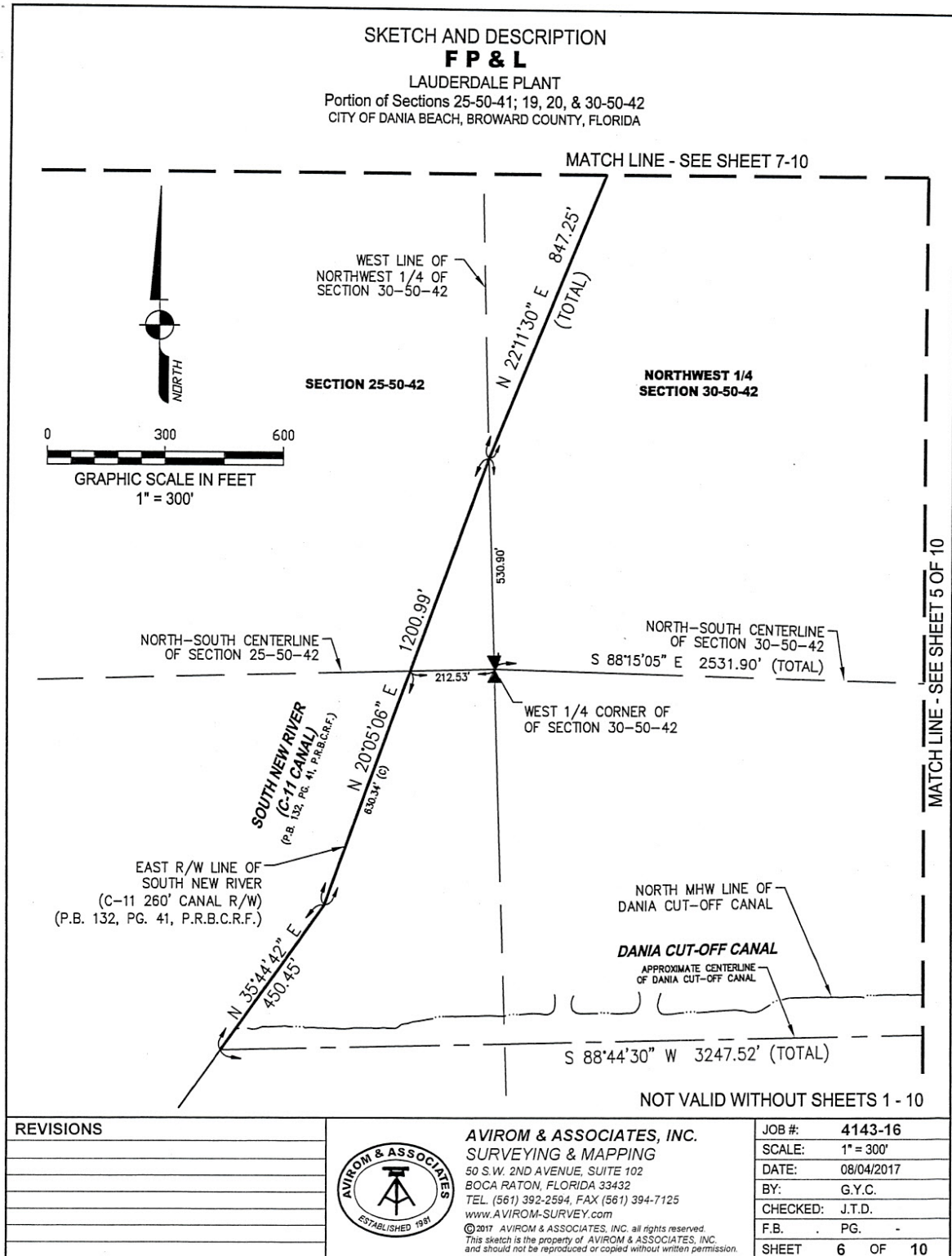
DATE: 08/04/2017

BY: G.Y.C.

CHECKED: J.T.D.

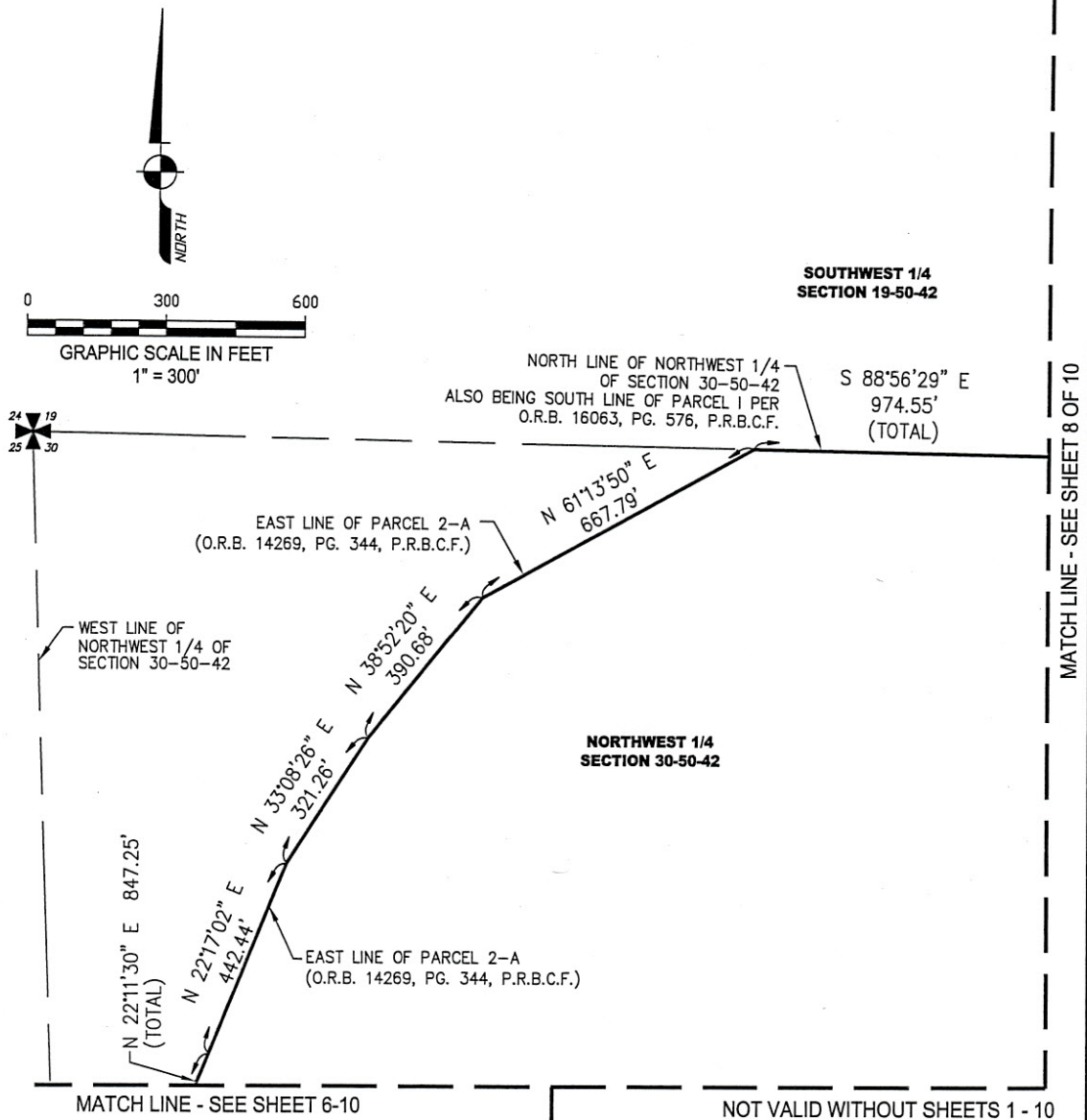
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SHEET 5 OF 10



**SKETCH AND DESCRIPTION
F P & L**

LAUDERDALE PLANT
Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA



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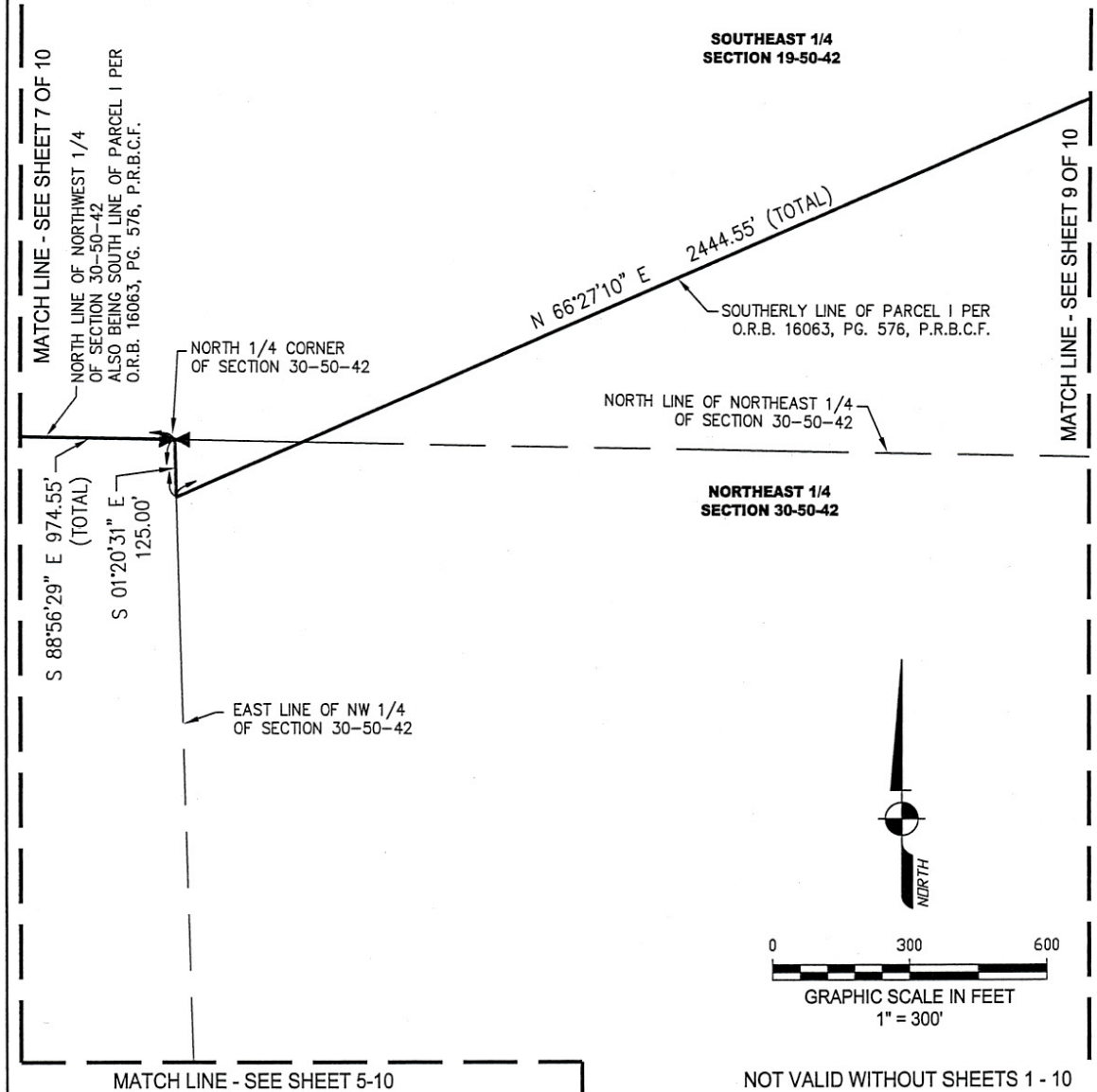
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**SKETCH AND DESCRIPTION
F P & L**

LAUDERDALE PLANT
Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA



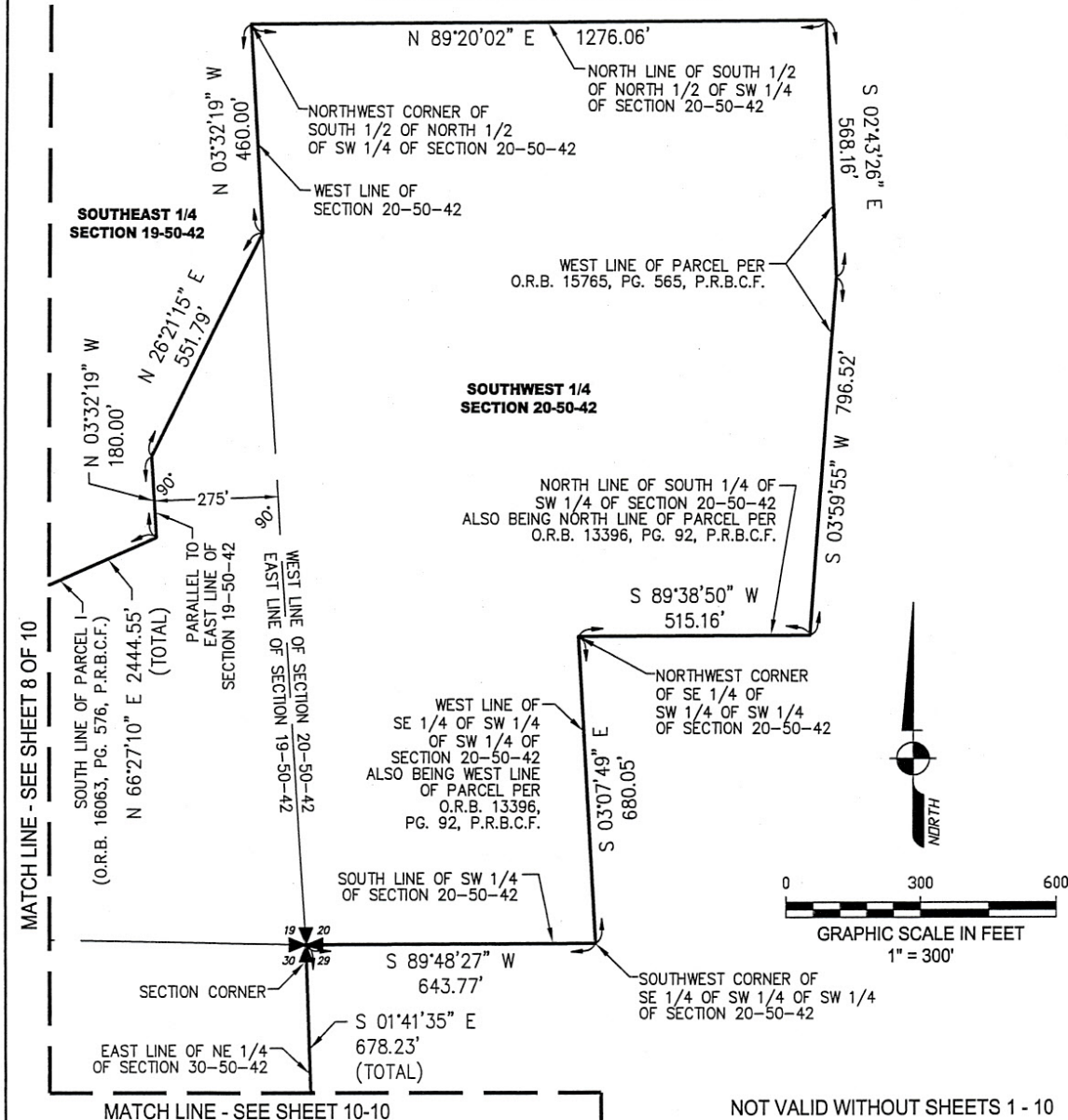
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Portion of Sections 25-50-41; 19, 20, & 30-50-42
CITY OF DANIA BEACH, BROWARD COUNTY, FLORIDA



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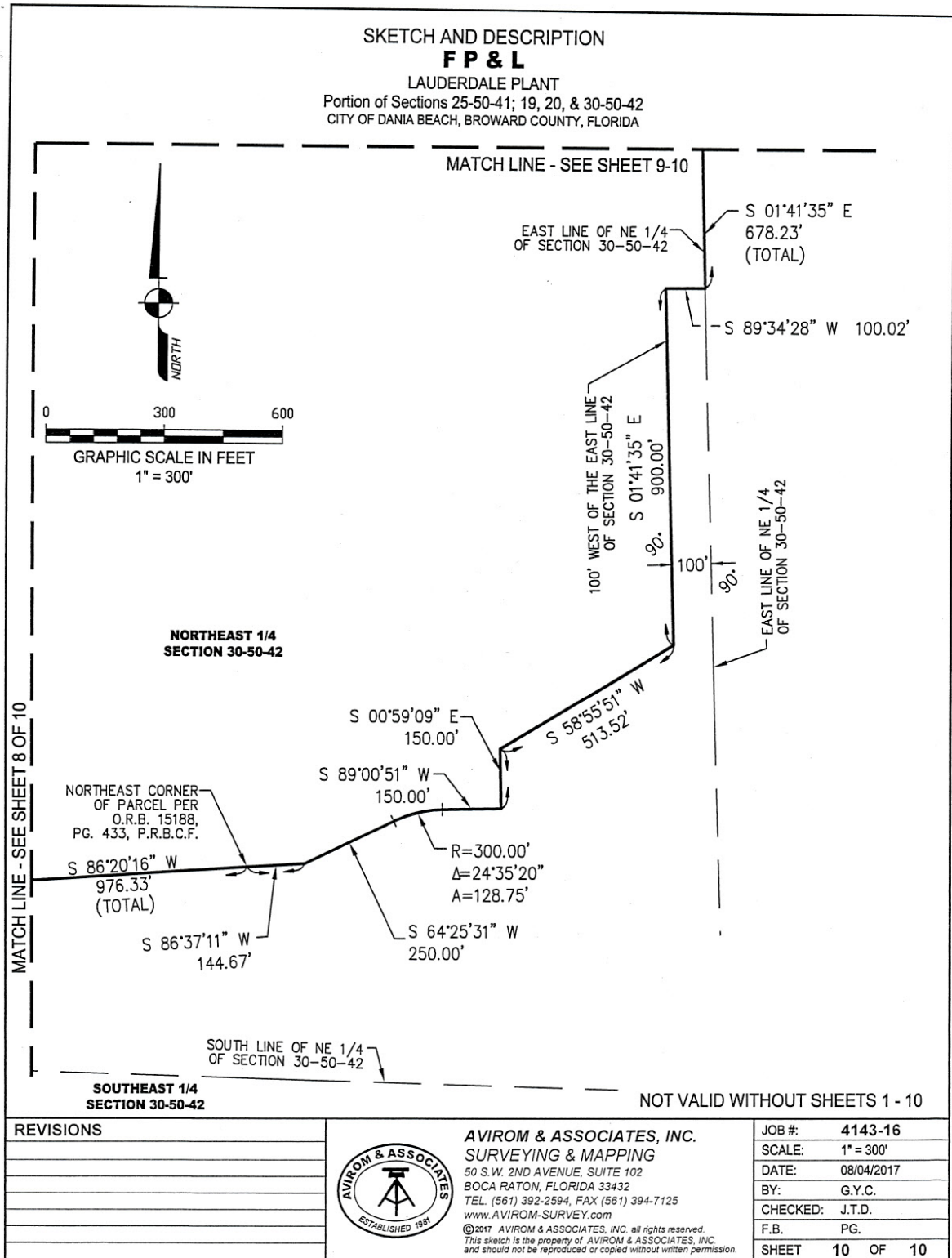


EXHIBIT B

Proposed Text Amendment To the City of Dania Beach Comprehensive Plan (revisions indicated in strike-thru/underline)

Future Land Use Element

C. Land Requirements

1. Permitted Uses for the City of Dania Beach Land Use Plan

u. Electrical Generation Facilities Use

Electrical Generation Facilities Uses are designated on the Land Use Plan Map, to ensure the availability of land for electrical power plants and associated ancillary uses are adequate to meet the current and future needs of the City's and Broward County's population.

The permitted uses in areas designated electrical generation facilities are as follows:

Electrical power plants.

Other uses determined to be ancillary to the primary uses.

Recreation and open space uses may also be permitted as long as the location of the uses does not preclude or adversely affect the future use of the surrounding areas for electrical generation facilities.

ORDINARY MEETINGS 550



808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net

FPL DANIA BEACH

Application for Amendment to the City of Dania Beach Land Use Plan

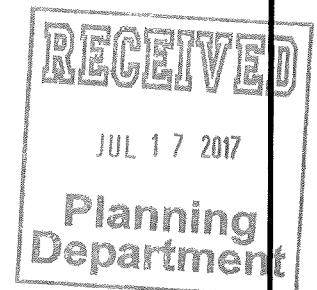
Map & Text Amendment

July 17, 2017

Prepared By:

**Leigh Robinson Kerr
& Associates, Inc.**

• Planning • Zoning • Land Use • Expert Testimony •
808 East Las Olas Boulevard, Suite 104, Fort Lauderdale, FL 33301
Phone: (954) 467-6308 Fax: (954) 467-6309
Lkerr808@bellsouth.net
Established 1985



TABLES

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ATTACHMENTS

Proposed Text Amendment	I
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EXHIBITS

Location Map - Aerial	A1
Location Map	A2
Current Future Land Use	B
Proposed Future Land Use	C

APPENDIX

Legal Description	I
Sanitary Sewer Correspondence	II
Potable Water Correspondence	II
Drainage Correspondence	III
Solid Waste Correspondence	IV
Mass Transit Correspondence	V

- C. Name, title, address, telephone, facsimile number and email of the local government contact.

Corinne Lajoie AICP, LEED GA
Principal Planner
City of Dania Beach
100 West Dania Beach Boulevard
Dania Beach, FL 33004
phone: (954) 924-6805 X3704
cchurch@ci.dania-beach.fl.us

- D. Summary minutes from the local planning agency and local government public hearings on the transmittal of the Broward County Land Use Plan amendment.

To be provided.

- E. Description of public notification procedures followed for the amendment by the local government.

Per Chapter 163, F.S.

III. APPLICANT INFORMATION

- A. Name, title, address, telephone, facsimile number and email of the applicant.

Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408
Contact: Jeffrey Conte
E: Jeffrey.Conte@fpl.com

- B. Name, title, address, telephone, facsimile number and email of the agent.

Dennis D. Mele, Esquire
Greenspoon Marder
200 E. Broward Boulevard, 18th Floor
Fort Lauderdale, FL 33301
Ph: 954-527-2409
Email: dennis.mele@gmlaw.com

Leigh R. Kerr, AICP
Leigh Robinson Kerr & Associates, Inc.
808 East Las Olas Boulevard #104
Fort Lauderdale, FL 33301

- B. Sealed survey, including legal description of the area proposed to be amended.

Please see Appendix I.

- C. Map at a scale of 1"=300' clearly indicating the amendment's location, boundaries and proposed land uses. (Other scales may be accepted at the discretion of the Planning Council Executive Director. Please contact the Planning Council office in this regard, prior to the submittal of the application.)

Please see Exhibit A: Location Map.

V. EXISTING AND PROPOSED USES

- A. Current and proposed local and Broward County Land Use Plan designation(s) for the amendment site. If multiple land use designations, describe gross acreage within each designation.

TABLE 1 CURRENT AND PROPOSED LAND USE DESIGNATIONS			
	Acres	Current	Proposed
Dania Beach	325	Utility	Electrical Generation Facilities
	48	Industrial	Electrical Generation Facilities
Broward County	373	Electrical Generation Facilities	Electrical Generation Facilities

- B. Current land use designations for the adjacent properties.

The current land use designations for the properties surrounding the amendment site are provided below:

TABLE 2 ADJACENT LAND USES		
	CITY	COUNTY
North	Industrial, Utilities	Commerce
South	Industrial Utilities Water	Commerce EGF* Water
East	Industrial Utilities	Commerce Community EGF*

the guidelines of both the City and the County Land Use Plans, which is consistent with the analysis done in 2002 by Broward County. Therefore, the analysis that follows examines the capacities of the various facilities and the availability of capacity to support the land-use change.

- G. Indicate if the amendment is part of a larger development project that is intended to be developed as a unit such as a site plan, plat or DRI. If so, indicate the name of the development; provide the site plan or plat number, provide a location map; and, identify the proposed uses.

The amendment is not part of a larger development project such as a site plan, plat or DRI.

VI. ANALYSIS OF PUBLIC FACILITIES AND SERVICES

The items below must be addressed to determine the impact of an amendment on existing and planned public facilities and services. Provide calculations for each public facility and/or service. If more than one amendment is submitted, calculations must be prepared on an individual and cumulative basis.

A. Sanitary Sewer Analysis

1. Identify whether the amendment site or a portion is currently and/or proposed to be serviced by septic tanks.

Septic tanks will not be used to serve the amendment site.

2. Identify the sanitary sewer facilities serving the amendment site including the current plant capacity, current plus committed demand on plant capacity, and planned plant capacity.

The area west of Ravenswood Road is served by Broward County Utilities. Broward County 201 Wastewater Facilities Plan in turn provides that wastewater from Dania Beach be treated by the City of Hollywood Wastewater Treatment Facility.

TABLE 4 SANITARY SEWER DEMAND AND CAPACITY City of Hollywood Wastewater Treatment Plant	
Plant Capacity	55.50 MGD
Current + Committed Demand	36.26 MGD
Planned Plant Capacity	55.50 MGD
Source: Broward County Wastewater Treatment Plant Flow Calculations	

B. Potable Water Analysis

1. Data & analysis demonstrating that sufficient supply of potable water and related infrastructure will be available to serve the amendment site through the long-term planning horizon, including the nature, timing and size of the proposed water supply and related infrastructure improvements.

The area west of Ravenswood Road is served by Broward County Utilities. Broward County entered into a large user agreement with the City of Hollywood for the provision of water for Dania Beach.

The below table excerpted from the Dania Beach Comprehensive Plan indicates a sufficient supply of potable water is available to serve the site.

TABLE 6 Dania Beach Water Demand v. Supply						
Year	City Service Area Demand vs Supply			County Service Area Demand vs Supply		
	Population	Avg Flow MGD	Total Water Supply Available	Population	Avg Flow MGD	Total Water Supply Available from Hollywood
2008	16317	2.4	2.9	15247	3.8	3.8
2010	16568	2.4	2.9	15712	3.9	3.9
2015	20054	2.8	3.1	16992	4.4	4.4
2020	22869	3.1	3.1	18173	4.7	4.7
2025	24192	3.4	4.1	18959	5	5
2028	24601	3.6	4.1	19403	5.2	5.2

Source City of Dania Beach Potable Water Sub-Element

2. Identify the facilities serving the service area in which the amendment is located including the current plant capacity, current and committed demand on the plant and the SFWMD permitted withdrawal, including the expiration date of the SFWMD permit.

TABLE 7 PROJECTED PLANT CAPACITY & DEMAND – POTABLE WATER City of Hollywood Water Treatment Plant	
Current Plant Capacity	59.5 MGD
Current + Committed Plant Demand	25.19 MGD
SFWMD Permitted Withdrawal	34.9 MGD MGD
Expiration Date of SFWMD Permit	April 10, 2028

Source: Hollywood Utilities Element Potable Water January 2015; ; City of Hollywood Correspondence dates 2/2/2017

Address 2600 Hollywood Blvd, Room 308, 33022
Ph: 954.921-3994 **Fx:** 954.921-3481
Email: wzephyr@hollywoodfl.org

C. Drainage Analysis

1. Provide the adopted level of service standard for the service area in which the amendment is located.

The City adheres to the minimum standards of Broward County and the South Florida Water Management District and establishes the following levels of service.

Road Protection

Residential and primary streets crown elevation meet the minimum elevations as published on the Broward County 10 year Flood Criteria Map.

Buildings

The lowest floor elevation shall not be lower than the elevation published on the Broward County 100 year flood elevation map or 18 inches above the adjacent crown of road for residential and 6 inches above the adjacent crown of road for commercial/industrial.

Storm Sewers

Shall be designed using the Florida Department of Transportation Zone 10 rainfall curves.

Flood Plain Routing

Modified SCS routing method as established by the SFWMD "Basis of Review".

Best Management Practice

Efforts shall be utilized to use best management practice to reduce pollutants entering the groundwater.

2. Identify the drainage district and drainage systems serving the amendment area.

The primary drainage system of the City of Dania Beach, as well as Broward County, is controlled by the canal and pump system of the South Florida Water Management District (SFWMD). The SFWMD maintains a canal and pump systems and controls discharge based on the capacity of the system to remove storm water. Drainage systems primarily consist of

Name: Joe Heilman
Position: Natural Resource Specialist II
Agency: Broward County Water Management Division
Address: 2555 W. Copans Road Pompano Beach, FL 33069
Email: E-mail: JHeilman@Broward.org

D. Solid Waste

1. Provide the adopted level of service standard for the municipality in which the amendment is located.

Residential	8.9 lbs/unit/day
Industrial/Commercial	
Factory/Warehouse	2 lbs/100 sq. ft./day
Office	1 lb/100 sq. ft./day
Department Store	4 lbs/100 sq. ft./day
Supermarket	9 lbs/100 sq. ft./day
Restaurant	2 lbs/meal/day
Drug Store	5 lbs/100 sq. ft./day
School	
Grade	10 lbs/room & ¼ lb/pupil/day
High School	8 lbs/room & ¼ lb/pupil/day
Institution	
Hospital	8 lbs/bed/day
Nursing Home	3 lbs/bed/day
Home for Aged	3 lbs/person/day
Rest Homes	3 lbs/person/day

2. Identify the solid waste facilities serving the service area in which the amendment is located including the landfill/plant capacity, current plus committed demand on landfill/plant capacity, and planned landfill/plant capacity.

Solid waste pickup services are provided by Waste Management of Florida. Waste is collected and hauled to the Reuter Recycling Facility. Waste from Reuter is transported to Monarch Hill or elsewhere in the Waste Management system of facilities. The landfill capacity is approximately 24,000,000 cubic yards. The landfill demand is approximately 3,000 tons per day. The Waste Management facility has sufficient capacity to handle the proposed amendment area. Plant capacity is not expected to increase in the next 5 years.

4. Identify the projected park needs for the short and long range planning horizons as identified within the adopted comprehensive plan – provide need projections and information regarding planned expansions including year, identified funding sources, and other relevant information.

N/A. This amendment does not propose residential uses.

F. Traffic Circulation Analysis

1. Identify the roadways impacted by the proposed amendment and indicate the number of lanes, current traffic volumes, adopted level of service and current level of service for each roadway.

TABLE 9 EXISTING ROADWAY CONDITIONS							
ROADWAYS	LANES	AADT			Peak Hour		
		Volume	Capacity	LOS	Volume	Capacity	LOS
<i>NORTH-SOUTH</i>							
RAVENSWOOD ROAD N of Griffin Road	2	7800	13320	D	741	1197	D
SW 30 th AVE N of Griffin Road	2	7400	13320	D	703	1197	D
SR7/441 N of Stirling Road	6	52500	59900	C	4988	5390	C
N of Griffin Road	6	46500	59900	C	4418	5390	C
<i>EAST-WEST</i>							
GRIFFIN ROAD E of SR7	6	29000	59900	C	2755	5390	C
E of I95	6	15100	59900	C	1435	5390	C
SW 42 STREET E of SW 30 Ave	2	3600	13320	C	342	1197	C
E of Ravenswood Rd	2	6800	13320	D	646	1197	D

Source: Broward County Roadway Capacity Level of Service Analysis '13/'35

3. Planning Council staff will analyze traffic impacts resulting from the amendment. You may provide a traffic impact analysis for this amendment - calculate anticipated average daily and p.m. peak hour traffic generation for the existing and proposed land use designations. If the amendment reflects a net increase in traffic generation, identify access points to/from the amendment site and provide a distribution of the additional traffic on the impacted roadway network and identify the resulting level of service change for the short (5 year) and long range planning horizons.

The requested change from Utility and Industrial to Electrical Generation Facilities results in a trading of landuse categories with equal intensity under the guidelines of the both the City and the County Land Use Plans, which is consistent with the analysis done in 2002 by Broward County. Therefore, there is no change in impact.

4. Provide any transportation studies relating to this amendment, as desired.

None provided at this time.

G. Mass Transit Analysis

1. Identify the mass transit modes, existing and planned mass transit routes and scheduled service (headway) serving the amendment area within one-quarter of a mile.

TABLE 12 MASS TRANSIT ROUTES			
Route	Coverage	Weekday Headways	Weekend Headways
6	Griffin Rd/ SW 30 Ave/ Ravenswood Rd	30- min. headways	60- min. headways
15	Griffin Rd	60- min. headways	None

2. Quantify the change in demand resulting from this amendment.

The requested change from Utility and Industrial to Electrical Generation Facilities results in a trading of land-use categories with equal intensity under the guidelines of the both the City and the County Land Use Plans, which is consistent with the analysis done in 2002 by Broward County. Therefore, there is no change in impact.

- D. Local Areas of Particular Concern as Identified within the Broward County Land Use Plan.

A review of the Broward County Comprehensive Plan indicates there are no Local Areas of Particular Concern affecting the amendment site. However, LAPC #23 is located to the west.

- E. Indicate if the site contains, is located adjacent to or has the potential to impact any "Priority Planning Areas for Sea Level Rise" and if so, how they will be protected or mitigated.

A review of the Priority Planning Area Map indicates the subject site is located within a Priority Planning Area. The applicant will work with the City and Broward County with regard to enhanced flood protection and adaptation from rising sea levels.

- F. "Endangered" or "threatened species" or "species of special concern" or "commercially exploited" as per the Florida Fish and Wildlife Conservation Commission (fauna), the U.S. Fish and Wildlife Service (flora and fauna), or the Florida Department of Agriculture and Consumer Services (fauna). If yes, identify the species and show the habitat location on a map.

The following have been observed on site. Little Blue Heron (*Egretta caerulea*); Tricolored Heron (*Egretta tricolor*); Least Tern (*Sternula antillarum*); West Indian Manatee (*Trichechus manatus*). No known specific habitat on site except for cooling canals.

- G. Plants listed in the Regulated Plant Index for protection by the Florida Department of Agriculture and Consumer Services.

The applicant is not aware of any listed species on the site.

- H. Wellfields – Indicate whether the amendment is located within a wellfield protection zone of influence as defined by Broward County Code, Chapter 27, Article 13 "Wellfield Protection." If so, specify the protected zone and any provisions, which will be made to protect the wellfield

The Broward County Wellfield Protection Zones Map does not identify any potable water wellfield protection zones of influence on the amendment site.

- I. Soils – Describe whether the amendment will require the alteration of soil conditions or topography. If so, describe what management practices will be used to mitigate the area's natural features

the amendment will facilitate redevelopment and promote approved redevelopment plans.

The subject site is not located within a CRA or CDBG area.

XII. INTERGOVERNMENTAL COORDINATION

Indicate whether the proposed amendment site is adjacent to other local governments. If so, please provide additional copies for the notification and/or review by adjacent local governments.

The amendment site is located adjacent to the City of Hollywood

XIII. CONSISTENCY WITH GOALS, OBJECTIVES AND POLICIES OF THE COUNTY LAND USE PLAN

POLICY 2.11.9 Broward County shall encourage power generation facilities and power transmission infrastructure be sited and designed in a manner which takes into consideration impacts from climate change, including increasing winds, storm surge, ambient temperatures and sea level rise. (f/k/a Policy 70 and Policy 8.01.20(3))

POLICY 2.11.10 Broward County shall coordinate land use plan amendment proposals to designate sites to the Electrical Generation Facility land use category with the Florida Electrical Power Plant Siting Act, as amended, and ensure such amendments are consistent with the Act. (f/k/a Policy 71 and Policy 8.09.02)

POLICY 3.4.5 Local Governments. Florida Power and Light Company, developers and landowners should coordinate and cooperate with one another with respect to the utilities route selection and location of electric facilities to ensure the future electrical energy needs of Broward County residents will be served. New electric transmission lines subject to the Florida Transmission Lines Siting Act should be sited in a manner that will consolidate such lines within existing corridors and that new corridors should be planned in coordination with land use plans of local governments (f/k/a Policy 8.01.20(1))

XIV. CONSISTENCY WITH GOALS, OBJECTIVES, AND POLICIES OF THE CITY LAND USE PLAN

Objective XXIII Continue to implement those requirements and procedures which ensure consistency between the Broward County Land Use Plan and the Dania Beach Land Use Plan. (B.C.O.#13.01.00).

Policy 23.1 The land use plans and plan amendments of Dania each shall successfully complete the Chapter 163, Florida Statutes local comprehensive plan review process prior to their certification or recertification by the Broward County Planning Council. (B.C.P. #13.01.06)

- B. Identify the existing school enrollment and permanent design capacity of the public elementary and secondary education facilities serving the area.

Not applicable.

- C. Identify the additional student demand resulting from this amendment - calculations must be based on applicable student generation rates specified in the Broward County Land Development Code.

Not applicable.

- D. Identify the planned and/or funded improvements to serve the area in which the amendment is located as included within the School Board's five year capital plan - provide student demand projections and information regarding planned permanent design capacities and other relevant information.

Not applicable.

- E. Identify other public elementary and secondary school sites or alternatives (such as site improvements, nominal fee lease options, shared use of public space for school purposes etc.), not identified in Item #4 above, to serve the area in which the amendment is located.

Not applicable.

XVIII. PLAN AMENDMENT COPIES

- A. 15 copies for the BCPC (Please include additional copies, if amendment site is adjacent to other municipalities and/or county jurisdictions). Additional copies may be requested by the Planning Council Executive Director after the initial application submittal.

To be provided with transmittal.

- B. 10 copies of the corresponding local land use plan amendment application, if transmitting concurrent to DCA, including transmittal letter from municipality to DCA.

To be provided with transmittal.

Attachment 1

Proposed Text Amendment To the City of Dania Beach Comprehensive Plan (revisions indicated in strike-thru/underline)

Future Land Use Element

C. Land Requirements

1. Permitted Uses for the City of Dania Beach Land Use Plan

u. Electrical Generation Facilities Use

Electrical Generation Facilities Uses are designated on the Land Use Plan Map, to ensure the availability of land for electrical power plants and associated ancillary uses are adequate to meet the current and future needs of the City's and Broward County's population.

The permitted uses in areas designated electrical generation facilities are as follows:

Electrical power plants.

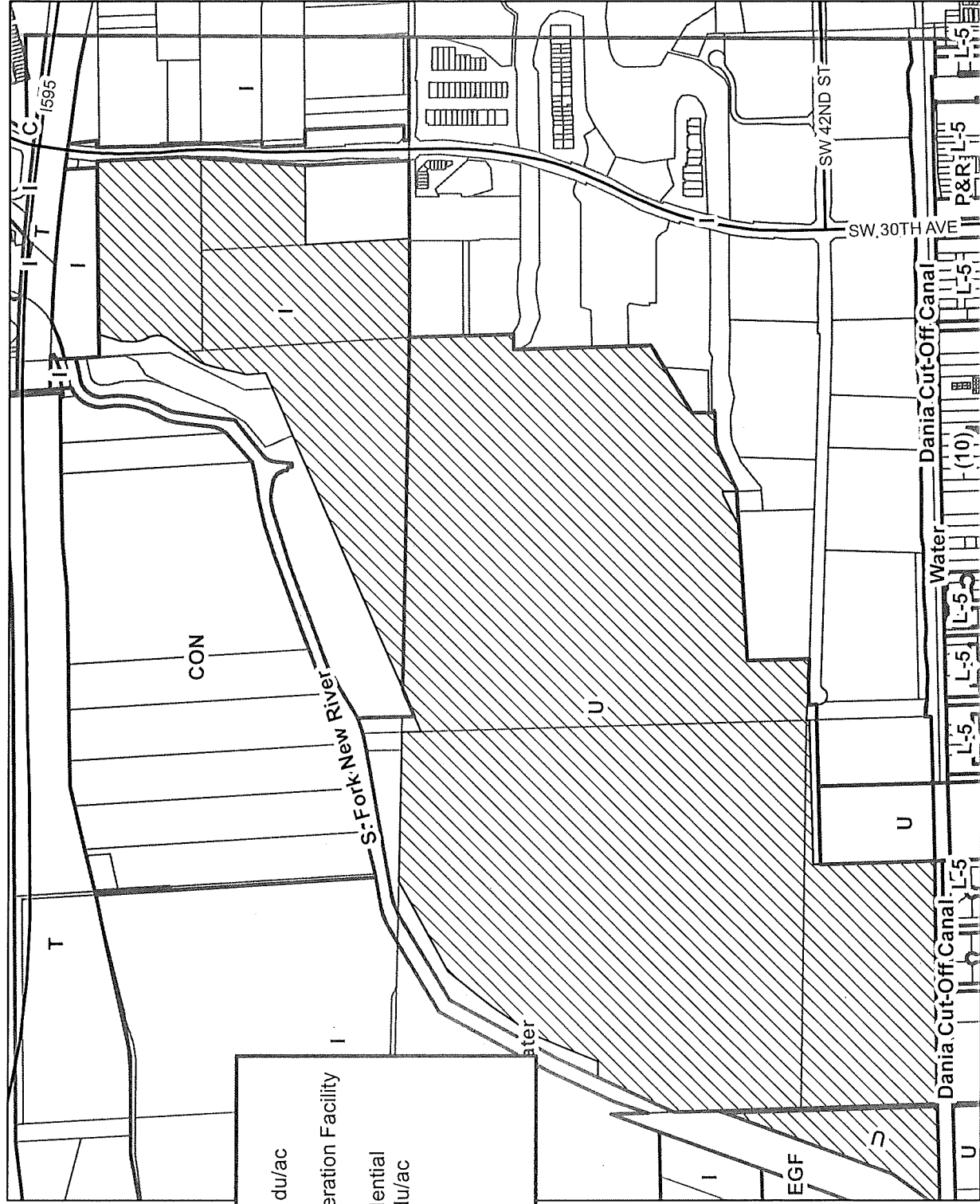
Other uses determined to be ancillary to the primary uses.

Recreation and open space uses may also be permitted as long as the location of the uses does not preclude or adversely affect the future use of the surrounding areas for electrical generation facilities.

808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net

1 inch = 1,125 feet

FPL DANIA BEACH LAND USE PLAN AMENDMENT



- (10) - Residential 10 du/ac
- Con - Conservation
- EGF - Electrical Generation Facility
- I - Industrial
- Irr - Irregular Residential
- L5 - Residential 5 du/ac
- PR - Parks & Rec
- T - Transportation
- U - Utilities
- W - Water

EXHIBIT B: CURRENT FUTURE LAND USE

Leigh Robinson Kerr
& Associates, Inc.

808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net



1 inch = 1,000 feet



Subject Property

APPENDIX

Legal Description	I
Sanitary Sewer Correspondence	II
Potable Water Correspondence	II
Drainage Correspondence	III
Solid Waste Correspondence	IV
Mass Transit Correspondence	V

Leigh Robinson Kerr & Associates, Inc.

Member, American Institute of Certified Planners

July 17, 2017

Via E-mail: wzephyr@hollywoodfl.org

Mr. Wilford Zephyr
Department of Public Utilities
Engineering & Construction Services
City of Hollywood
2600 Hollywood Boulevard, Room 308
Hollywood, FL 33022-9045

**Re: "FPL Dania Beach" Land Use Plan Amendment –
Sanitary Sewer & Potable Water Analysis**

Mr. Zephyr:

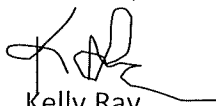
My office is preparing an application for a land use plan amendment to the City of Dania Beach Comprehensive Plan. The subject site is served by City of Hollywood Utilities. As you are aware, we are required to assess the impacts of the proposed amendment and confirm the effect on Sanitary Sewer and Potable Water.

I have attached a copy of the analysis we have prepared and a site location map. I would appreciate your review of the materials and a written response concerning the accuracy of this information. Please provide me with your response at your earliest convenience.

If you should have any questions or require additional information, do not hesitate to contact me.

Thank you for your assistance in this matter.

Sincerely,


Kelly Ray
Planner

Enclosures

3. Identify the net impact on sanitary sewer demand resulting from the proposed amendment. Provide calculations, including anticipated demand per square foot* or dwelling unit.

The requested change from Utility and Industrial to Electric Generation Facility results in to a trading of land-use categories with equal intensity under the guidelines of the both the City and the County Land Use Plans. Accordingly, both the impacts and the existing use are the same as they are for the proposed use in this regard. The analysis is consistent with Broward County's 2002 analysis (In 2002, the Broward County Commission established a new Electrical Generation Facility category within the Broward County Land Use Plan), which reflects that there will be no measurable impact to the facility and services under the change of land use.

4. Identify the projected plant capacity and demand for the short and long range planning horizons as identified within the local government's adopted comprehensive plan. Provide demand projections and information regarding planned plant capacity expansions including year, identified funding sources and other relevant information.

PROJECTED PLANT CAPACITY & DEMAND – SANITARY SEWER Hollywood Wastewater Treatment Plant		
	2020	2025
Projected Plant Capacity	55.5 MGD	55.5 MGD
Projected Plant Demand	55.5 MGD	55.5 MGD
Planned Plant Expansions	Expansions planned to accommodate projected flows	
Funding Sources	Revenue bonds	
Source: City of Hollywood Comprehensive Plan Sanitary Sewer Sub-Element, Table 3; City of Hollywood Correspondence dates 2/2/2017		

5. Correspondence from sewer provider verifying information submitted as part of the application on items 1-4. Correspondence must contain name, position and contact information of party providing verification.

Name: Wilford Zephyr, PE, LEED AP, CFM
Position City of Hollywood Public Utilities
Address 2600 Hollywood Blvd, Room 308, 33022
Ph: 954.921-3994 **Fx:** 954.921-3481
Email: wzephyr@hollywoodfl.org

Source: Hollywood Utilities Element Potable Water January 2015; City of Hollywood Correspondence dates 2/2/2017

3. Identify the wellfield serving the service area in which the amendment is located including the permitted capacity, committed capacity, remaining capacity and expiration date of the permit.

Biscayne Aquifer: 11,205 MGD

Florida Aquifer System-Floridan Wellfield: 3,168 MGD

Source: Water Use Permit # 06-00038-W; City of Hollywood Correspondence dates 2/2/2017

4. Identify the net impact on potable water demand, based on adopted level of service resulting from the proposed amendment. Provide calculations, including anticipated demand per s.f.* or d.u.

The requested change from Utility and Industrial to Electric Generation Facility results in to a trading of land-use categories with equal intensity under the guidelines of the both the City and the County Land Use Plans. Accordingly, both the impacts and the existing use are the same as they are for the proposed use in this regard. The analysis is consistent with Broward County's 2002 analysis (In 2002, the Broward County Commission established a new Electrical Generation Facility category within the Broward County Land Use Plan), which reflects that there will be no measurable impact to the facility and services under the change of land use.

5. Identify the projected capacity and demand for the short and long range planning horizons as identified within the adopted comprehensive plan - provide demand projections and information regarding planned wellfield and planned plant capacity expansions including year, funding sources and other relevant information. If additional wellfields are planned, provide status including the status of any permit applications.

Projected Capacity & Demand – Potable Water		
	2020	2025
Projected Plant Capacity	59.5 MGD	59.5 MGD
Projected Plant Demand	23.9 MGD	24.1 MGD
Planned Plant Expansions	None	

Source: Hollywood Utilities Element Potable Water January 2015; City of Hollywood Correspondence dates 2/2/2017

FPL DANIA BEACH
LAND USE PLAN AMENDMENT

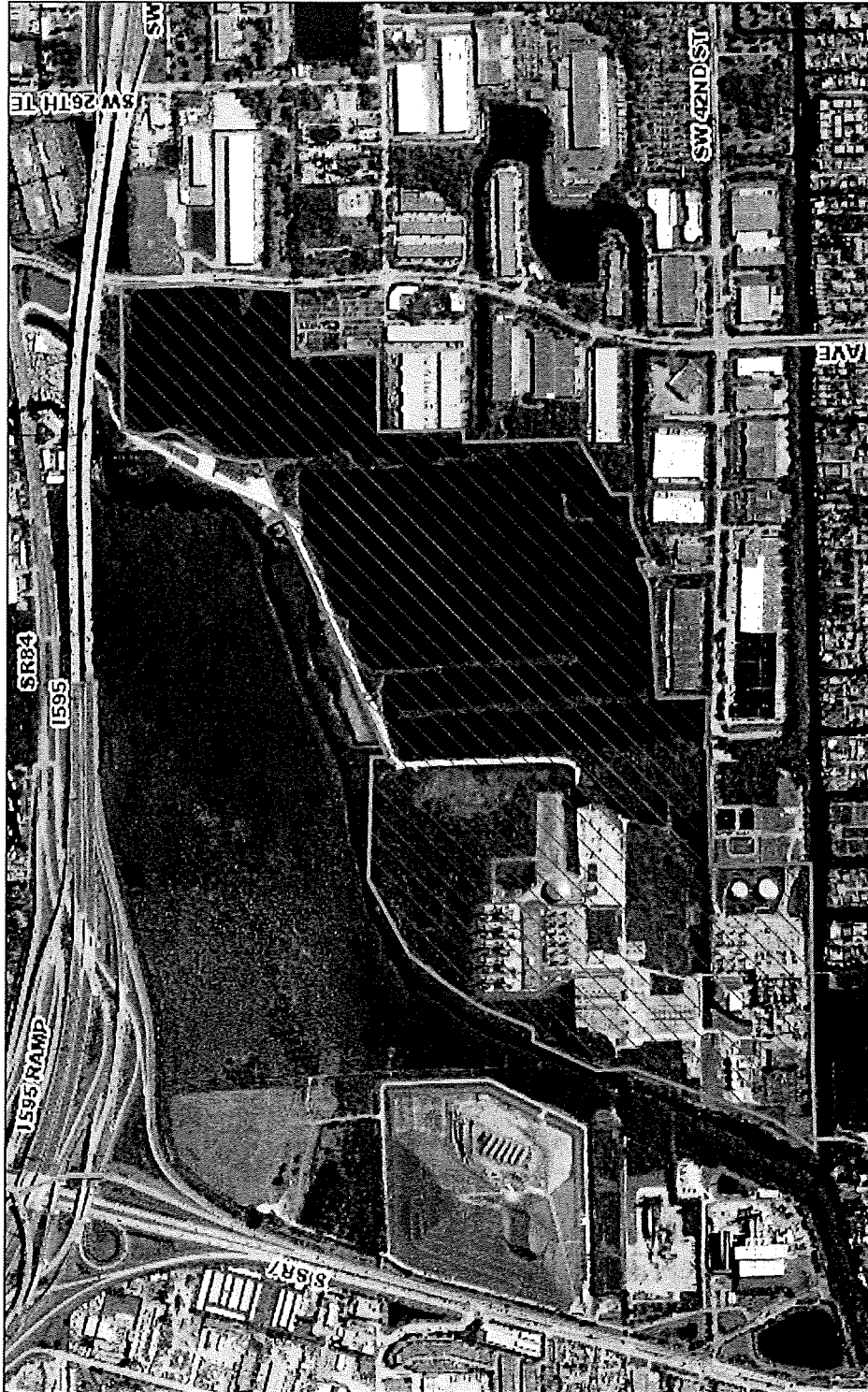
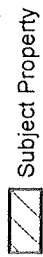


EXHIBIT A1: LOCATION AERIAL



Subject Property

1 inch = 1,125 feet



Leigh Robinson Kerr
& Associates, Inc.
808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net

Leigh Robinson Kerr & Associates, Inc.

Member, American Institute of Certified Planners

July 17, 2017

Via E-mail: JHeilman@Broward.org

Joe Heilman
Natural Resource Specialist II
Broward County Water Management Division
2555 W. Copans Road
Pompano Beach, FL 33069

Re: "FPL Dania Beach" Land Use Plan Amendment – Drainage Analysis

Mr. Heilman:

My office is preparing an application for a land use plan amendment to the City of Dania Beach Comprehensive Plan. As you are aware, we are required to assess the impacts of the proposed amendment and confirm the effect on Drainage.

I have attached a copy of the analysis we have prepared and a site location map. I would appreciate your review of the materials and a written response concerning the accuracy of this information. Please provide me with your response at your earliest convenience.

If you should have any questions or require additional information, do not hesitate to contact me.

Thank you for your assistance in this matter.

Sincerely,


Kelly Ray
Planner

Flood Plain Routing

Modified SCS routing method as established by the SFWMD "Basis of Review".

Best Management Practice

Efforts shall be utilized to use best management practice to reduce pollutants entering the groundwater.

2. Identify the drainage district and drainage systems serving the amendment area.

The primary drainage system of the City of Dania Beach, as well as Broward County, is controlled by the canal and pump system of the South Florida Water Management District (SFWMD). The SFWMD maintains a canal and pump systems and controls discharge based on the capacity of the system to remove storm water. Drainage systems primarily consist of storm sewers, exfiltration trench systems and onsite retention/detention systems.

3. Identify any planned drainage improvements, including year, funding sources and other relevant information.

All drainage improvements will be those approved by the Florida Department of Environmental Protection (FDEP) as identified during the SCA review.

4. Indicate if a Surface Water Management Plan has been approved by, or an application submitted to, the SFWMD and/or any independent drainage district, for the amendment site. Identify the permit number(s), or application number(s) if the project is pending, for the amendment site. If an amendment site is not required to obtain a SFWMD permit, provide documentation of same.

The Surface Water Management Plan was approved through the Power Plant Siting Act (PPSA), which is the State of Florida's process for the licensing of Plants through its Department of Environmental Protection and is permitted under #PA89-26.

5. If the area in which the amendment is located does not meet the adopted level of service and there are no improvements planned (by the unit of local government or drainage authority) to address the deficiencies, provide an engineering analysis which demonstrated how the site will be drained and the impact on the surrounding properties. The information should include the wet season water level for the amendment site, design storm elevation, natural and proposed land elevation, one hundred year flood elevation, acreage for proposed water management retention area, elevations for buildings, roads and yards, storage and runoff calculations for the design storm and estimated time for flood waters to recede to the natural land elevation.

FPL DANIA BEACH
LAND USE PLAN AMENDMENT

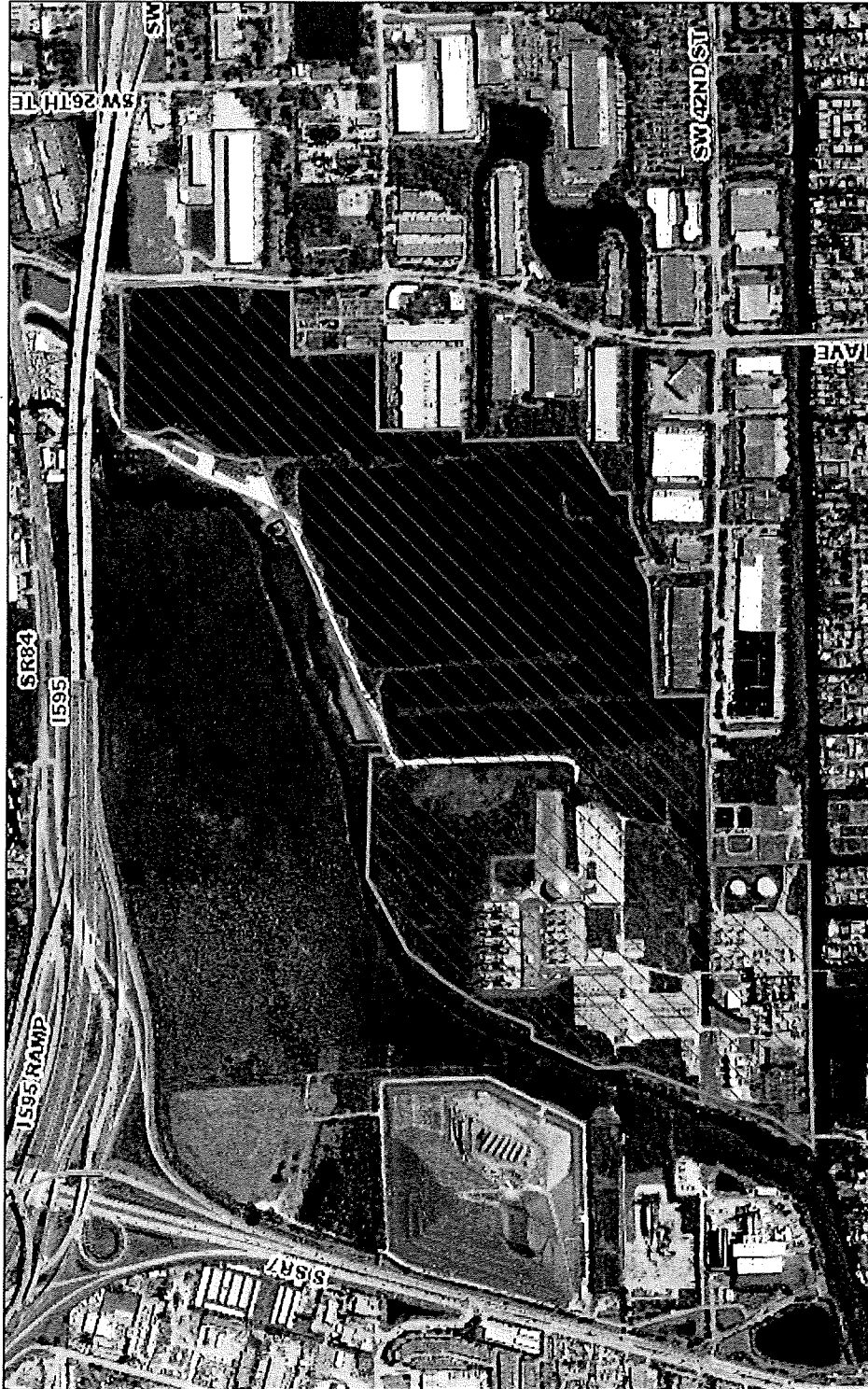


EXHIBIT A1: LOCATION AERIAL



Subject Property

1 inch = 1,125 feet

Leigh Robinson Kerr
& Associates, Inc.
808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net

**Leigh Robinson Kerr
& Associates, Inc.**

Member, American Institute of Certified Planners

July 17, 2017

Via E-mail: rkaplan@wm.com

Ronald Kaplan, Senior Counsel
Waste Management Inc. of Florida
2700 Wiles Road
Pompano Beach FL 33073

Re: "FPL Dania Beach" Land Use Plan Amendment – Solid Waste

Mr. Kaplan:

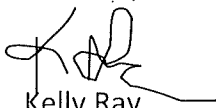
My office is preparing an application for a land use plan amendment to the City of Dania Beach Comprehensive Plan. As you are aware, we are required to assess the impacts of the proposed amendment and confirm the effect on Solid Waste.

I have attached a copy of the analysis we have prepared and a site location map. I would appreciate your review of the materials and a written response concerning the accuracy of this information. Please provide me with your response at your earliest convenience.

If you should have any questions or require additional information, do not hesitate to contact me.

Thank you for your assistance in this matter.

Sincerely,


Kelly Ray
Planner

Enclosures

2. Identify the solid waste facilities serving the service area in which the amendment is located including the landfill/plant capacity, current plus committed demand on landfill/plant capacity, and planned landfill/plant capacity.

Solid waste pickup services are provided by Waste Management of Florida. Waste is collected and hauled to the Reuter Recycling Facility. Waste from Reuter is transported to Monarch Hill or elsewhere in the Waste Management system of facilities. The landfill capacity is approximately 24,000,000 cubic yards. The landfill demand is approximately 3,000 tons per day. The Waste Management family has sufficient capacity to handle the proposed amendment area. Plant capacity is not expected to increase in the next 5 years.

3. Identify the net impact on solid waste demand resulting from the proposed amendment. Provide calculations, including anticipated demand per square foot or dwelling unit.

The requested change from Utility and Industrial to Electric Generation Facility results in to a trading of land-use categories with equal intensity under the guidelines of the both the City and the County Land Use Plans. Accordingly, both the impacts and the existing use are the same as they are for the proposed use in this regard. The analysis is consistent with Broward County's 2002 analysis (In 2002, the Broward County Commission established a new Electrical Generation Facility category within the Broward County Land Use Plan), which reflects that there will be no measurable impact to the facility and services under the change of land use.

4. Correspondence from the solid waste provider verifying that capacity is available to serve the amendment area the information submitted as part of the application on items 1-3 above. Correspondence must contain name, position and contact information of party providing verification.

See Appendix III: Solid Waste Correspondence and below:

Name: Ronald Kaplan, Senior Counsel
Agency: Waste Management Inc. of Florida
Address: 2700 Wiles Road, Pompano Beach FL 33073
Ph: 954-984-2021

APPENDIX V
Mass Transit Letter

A. PROJECT INFORMATION

The site is currently utilized by FPL as a power generation facility. In 2002, the Broward County Commission established a new Electrical Generation Facility category within the Broward County Land Use Plan. This application is a request to change the subject site from Utilities to Electrical Generation Facility on the City of Dania Beach Land Use Plan to be consistent with the Broward County Plan, which is required under the Broward County Charter. The request includes both a text amendment and a map amendment to the City of Dania Beach Comprehensive Plan.

The proposed amendment site contains approximately 373 acres. The amendment site is generally situated on the north side of Dania Cut-off Canal and east of the South Fork of the New River.

CURRENT AND PROPOSED LAND USE DESIGNATIONS

Acres	Current	Proposed
325	Utility	Electrical Generation Facility
48	Industrial	Electrical Generation Facility

B. MASS TRANSIT

1. Identify the mass transit modes, existing and planned mass transit routes and scheduled service (headway) serving the amendment area within one-quarter of a mile.

MASS TRANSIT ROUTES			
Route	Coverage	Weekday Headways	Weekend Headways
6	Griffin Rd/ SW 30 Ave/ Ravenswood Rd	30- min. headways	60- min. headways
15	Griffin Rd	60- min. headways	None

2. Quantify the change in demand resulting from this amendment.

The requested change from Utility and Industrial to Electric Generation Facility results in to a trading of land-use categories with equal intensity under the guidelines of the both the City and the County Land Use Plans. Accordingly, both the impacts and the existing use are the same as they are for the proposed use in this regard. The analysis is consistent with Broward County's 2002 analysis (In 2002, the Broward County Commission established a new Electrical Generation Facility category within the Broward County Land Use Plan), which reflects that there will be no measurable impact to the facility and services under the change of land use.

FPL DANIA BEACH
LAND USE PLAN AMENDMENT

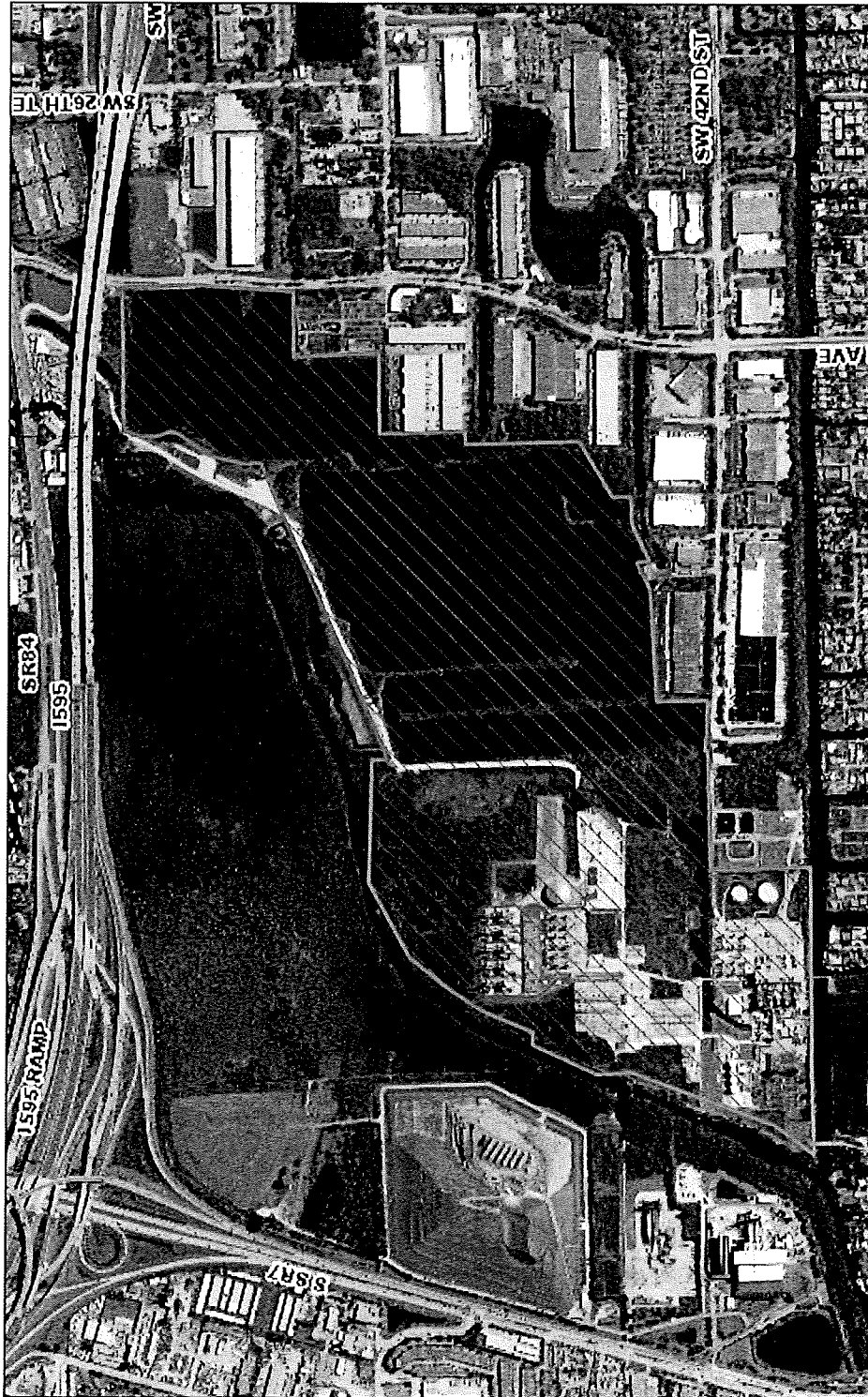


EXHIBIT A1: LOCATION AERIAL



Subject Property

1 inch = 1,125 feet

Leigh Robinson Kerr
& Associates, Inc.
808 East Las Olas Boulevard, Suite 104
Fort Lauderdale, FL 33301
Ph: 954-467-6308 E: Lkerr808@bellsouth.net

Wray, Macee

From: Daniel Hardin <danielhardin@hardinholdings.com>
Sent: Thursday, August 17, 2017 11:35 AM
To: Wray, Macee
Cc: Cori Barnes
Subject: RE: LU-87-17 FPL Land Use.pdf
Attachments: LU-87-17 FPL Land Use.pdf

Good morning, Ms. Wray.

Thank you for forwarding the FP&L proposed development plans to my attention yesterday, it was most helpful!

I respectfully request that as an adjacent property owner with valuable property rights (a digital billboard oriented to traffic on Interstate 595), this written comment be made a part of the record of the City of Dania's considerations of the FP&L development request.

Comment by:

Daniel L. Hardin, President
Hardin Holdings, Inc.
2755 NE 28th Avenue, Suite D-3
Lighthouse Point, Florida 33064-8279
954/806-7870
danielhardin@hardinholdings.com

Property Owner: 3410 SW 30th Avenue, Hollywood, Florida

As an adjacent property owner, the position of Hardin Holdings, Inc. on the development request by Florida Power & Light before the City of Dania Beach is that Hardin Holdings, Inc. is in support of the proposed development - provided that such development will in no way adversely affect the visibility of the Hardin Holdings, Inc. existing digital billboard oriented to eastbound traffic on Interstate 595.

Thank you.

Daniel L. Hardin, President
Hardin Holdings, Inc.

From: Wray, Macee [<mailto:mwray@daniabeachfl.gov>]
Sent: Wednesday, August 16, 2017 4:43 PM
To: Daniel Hardin
Subject: LU-87-17 FPL Land Use.pdf

Lajoie, Corinne

From: Lunkins, Angel
Sent: Wednesday, August 16, 2017 11:56 AM
To: Walton, Eric
Cc: Lajoie, Corinne
Subject: RE: FPL

Eric, No code violations or fines on the folios provided below, also see notes below. Thanks

1. 504230000050
2. 504230000000- Folio not Valid
3. 504220000290
4. 504220000270
5. 504230000011
6. 504220000280
7. 504219000121-
8. 504125010000- Folio not Valid
9. 504125010250
10. 504219000123
11. 504230000053
12. 504125010000- Folio not Valid

From: Kelly Ray-Sosnowski [<mailto:Kray808@bellsouth.net>]

Sent: Wednesday, August 16, 2017 9:56 AM

To: Walton, Eric

Cc: Lunkins, Angel; Leigh Kerr - Office

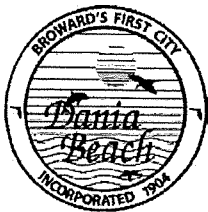
Subject: RE: FPL

Please see below folios:

1. 504230000050
2. 504230000000
3. 504220000290
4. 504220000270
5. 504230000011
6. 504220000280
7. 504219000121
8. 504125010000
9. 504125010250
10. 504219000123
11. 504230000053
12. 504125010000

Thank you.

Kelly Ray-Sosnowski, LEED AP+BDC



City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 x3543
(954) 922-2687 Fax

Standard Development Application

JUL 17 2017

Planning
Department

- ☐ Administrative Variance
☒ Land Use Amendment - Comprehensive Plan Map & Text Change
☐ 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 NECESARRY DOCUMENTS. Refer to the application type at the top of this form and "Required Documentation" checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 3051 S.W. 30th Avenue

Lot(s): N/A Block: _____ Subdivision: N/A

Recorded Plat Name: N/A

Folio Number(s): Multiple Legal Description: See attached.

Applicant/Consultant/Legal Representative (circle one) Leigh Robinson Kerr & Associates, Inc. on behalf of
Florida Power & Light Company

Address of Applicant: 808 E. Las Olas Blvd. #104, Ft. Laud, FL 33301

Business Telephone: 954-467-6308 Home: n/a Fax: 954-467-6309

E-mail address: Lkerr808@bellsouth.net

Name of Property Owner: Not applicable.

Address of Property Owner: N/A

Business Telephone: N/A Home: N/A Fax: N/A

Explanation of Request: Amendment to City Comprehensive Plan.

For Plats please provide proposed Plat Name for Variances please attach Criteria Statement as per Section 625.40 of the Land Development Code.

Prop. Net Acreage: N/A Gross Acreage: N/A Prop. Square Footage: N/A

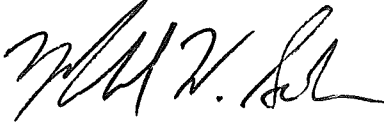
Existing Use: N/A Proposed Use: N/A

AGENT CONSENT

I Michael W. Sole hereby authorize Leigh Robinson Kerr & Associates, Inc. and Greenspoon Marder P.A., as agents, to submit and process development approval applications for the subject Florida Power & Light Company property.

Thank you for your consideration.

Sincerely,

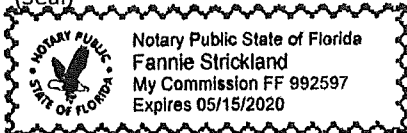


ACKNOWLEDGMENT OF INDIVIDUAL

STATE OF Florida)
COUNTY OF Palm Beach) SS.
)

The foregoing instrument was acknowledged before me this 19th day of June, 2017, by Michael W. Sole who is personally known to me or who has produced _____ as identification and who did/did not take an oath.

(Seal)



My Commission expires:

NOTARY PUBLIC

Fannie Strickland 992597

Print Name:

Commission No.

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, APPROVING THE SITE PLAN (SP-029-17) AND VARIANCE (VA-58-17) APPLICATIONS SUBMITTED BY SYNALOVSKI ROMANIK SAYE ON BEHALF OF THE PROPERTY OWNER MARINA INDUSTRIAL PARK, LLC FOR PROPERTY LOCATED AT 2401 SW 31 STREET IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT A, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

Purchasing Requests ONLY

Dept:

Acct #:

Amt:

Fund:

Fiscal Impact/Cost Summary

Exhibits Attached

Staff Report, Resolution (SP-29-17; VA-58-17), Site Plan, Application and Supporting Documents



**CITY OF DANIA BEACH
COMMUNITY DEVELOPMENT DEPARTMENT
STAFF REPORT**

DATE: September 12, 2017

TO: Robert Baldwin, City Manager

VIA: Marc LaFerrier, AICP, Director *[Signature]*

FROM: Anne-Christine Carrie, Planner *[Signature]*
Corinne Lajoie, AICP, Planning and Zoning Manager, LEED G.A. *[Signature]*

SUBJECT: **SP-29-17/ VA-58-17:** The applicant, Synalovski Romanik Saye, on behalf of the property owner Marina Industrial Park, LLC., is requesting approval for a site plan and variance to construct an office building with overnight fleet parking on a property located at 2401 SW 31 Street.

**REQUESTS
VARIANCE**

To allow an interior side setback of thirteen (13) feet; the Land Development Code (the "LDC") requires twenty (20) feet, per Section 205-10.

SITE PLAN

To allow the construction of an office building with overnight fleet parking.

PROPERTY INFORMATION

EXISTING ZONING:	Industrial-Research-Office-Marine Airport Approach (IROM-AA)
LAND USE DESIGNATION:	Industrial

VIOLATIONS ON PROPERTY

There are no 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 subject property is approximately one and a half (1.49) acres and currently vacant. It is situated north of SW 31 Street, between Tram Road and Ravenswood Road. The lot is surrounded is adjacent to a truck terminal, a hotel, business and industrial parks, as well as the I-595 Ramp to the south.

VARIANCE

The applicant requests to provide an interior side setback of thirteen (13) feet along a portion of the eastern property line; Section 205-10 of the LDC requires twenty (20) feet.

Per the applicant, the intended accessory use of the site for truck fleet parking requires wide turning radii and drive isles. Furthermore, Section 115-40 of the LDC requires that such fleet parking be screened from view of the right-of-way. In an attempt to meet all other dimensional and landscaping requirements, the applicant requests to allow a shorter setback on a portion of the eastern property line. The encroachment into the required side yard is an open air staircase. Per the applicant, said encroachment will not be visible due to the extensive front setback, as well as the proposed landscaping on this portion of the lot. As such, the applicant maintains that the request would not affect the stability and appearance of the city. In light of the operational needs of the project, the applicant asserts that it would be unnecessarily burdensome to modify the proposed dimensions and location of the structure.

The development of this vacant lot furthers the goals, objectives and policies of the Comprehensive Plan, and the applicant's proposed industrial use is compatible with the surrounding land uses. The requested variance is the minimum that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.

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 request and justification are consistent with the variance criteria.

SITE PLAN

The applicant proposes to build 7,500 square foot office building and garage. This two-story structure will be approximately thirty-three (33) feet high and consists of three (3) enclosed truck bays. The bays open onto the internal side yard of the lot, and the

accessory fleet parking is at the rear of the structure. Per the proposed site plan, a maximum of 20 trucks may be kept in the rear parking lot at a time.

DEVELOPMENT REVIEW COMMITTEE (DRC)

On April 27, 2017 and June 29, 2017, the site plan was reviewed by the DRC which includes personnel from the BSO Fire, Public Services, the City's landscape consultant and Community Development Department's Planning Division. The applicant has outstanding comments that must be addressed prior to issuance of a building permit.

Conditions of approval:

1. 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. (PLANNING)
2. 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. (PLANNING)
3. On Sheet L-200, provide a list of which trees (quantity and species) are proposed to be installed to meet the mitigation requirements in the "plant schedule" table. (LANDSCAPE)
4. On Sheets L-200 and L-300, provide a special symbol or callout to indicate the location of trees proposed to be installed to meet mitigation requirements. Note that trees used to meet the minimum site requirements (buffers, NVOS, peninsulas etc.) may not be counted as mitigation trees. (LANDSCAPE)
5. Please provide a detail sheet accompanying the Civil Plans with the following details (FIRE):
 - a. Bollard / Impact Protection Detail for Hydrants, FDC's & DDCV's.
 - b. Roadway Pavement Marker (RPM) Detail for Fire Hydrant Locations (Blue Reflective Markers).
 - c. Signage Detail for the Fire Department Connections (where applicable).
6. Provide address Detail. (FIRE)
7. Provide an egress plan demonstrating and dimensioning all common paths of travel and travel distances to all exits within the buildings and/or structures. (FIRE)

The applicant's request for site plan approval meets the requirements of the LDC, provided the outstanding DRC comments are addressed.

STAFF RECOMMENDATION

The Site Plan application meets all applicable regulations provided the Variance is approved and provided the DRC comments are made conditions of approval. Recommend approval of the resolution.

RESOLUTION NO. 2017-103

A RESOLUTION OF THE CITY COMMISSION OF THE CITY OF DANIA BEACH, FLORIDA, APPROVING THE SITE PLAN (SP-029-17) AND VARIANCE (VA-58-17) APPLICATIONS SUBMITTED BY SYNALOVSKI ROMANIK SAYE ON BEHALF OF THE PROPERTY OWNER MARINA INDUSTRIAL PARK, LLC FOR PROPERTY LOCATED AT 2401 SW 31 STREET IN THE CITY OF DANIA BEACH, FLORIDA, AS LEGALLY DESCRIBED IN EXHIBIT A, A COPY OF WHICH IS ATTACHED TO THIS RESOLUTION; PROVIDING FOR CONFLICTS; FURTHER, PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Code of Ordinances, Chapter 28, entitled, “Land Development Code” (“LDC”) of Part 6, entitled, “Development Review Procedures and Requirements,” of Article 635, entitled, “Site Plans” of Section 635-20(A), provides that site plan approval is required as a condition to the issuance of a building permit; and

WHEREAS, Marina Industrial Park, LLC, (“Applicant”), is requesting approval of a site plan and variance for the development of the property located at 2401 SW 31 Street in the City of Dania Beach, Florida, as legally described in Exhibit “A”, a copy of which is made a part of and incorporated into this Resolution by this reference; and

WHEREAS, the Applicant is requesting Site Plan approval to permit the future development and construction of professional office with accessory overnight fleet parking pursuant to and consistent with the attached Site Plan provided as Exhibit “B”;and

WHEREAS, Part 6 of the LDC, Article 625, entitled “Variances”, Section 625-40 states that the City Commission may grant a variance based on its determination that the Applicant has demonstrated that the criteria identified in the LDC have been satisfied; and

WHEREAS, the Applicant has requested a Variance to allow a side setback of thirteen (13) feet (VA-58-17), where the LDC requires twenty (20) feet per Section 205-10; and

WHEREAS, the City Commission conducted a duly noticed public hearing in accordance with Article 610 of the LDC; and

WHEREAS, the City Commission finds that the approval of the Site Plan (SP-029-17) and Variance (VA-58-17) will protect the health, safety, and welfare of the residents of the City, and furthers the purpose, goals, objectives and policies of the Comprehensive Plan;

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

Section 1. That the foregoing “WHEREAS” clauses are ratified and confirmed as being true and correct and they are made a specific part of this Resolution.

Section 2. That pursuant to Chapter 28 “Land Development Code,” Part 6 “Development Review Procedures and Requirements,” Article 635 “Site Plan,” the following Site Plan (SP-029-17), attached as Exhibit “B” which is made a part of and incorporated into this Resolution by reference, is approved subject to the conditions specified in Section 6 of this Resolution.

Section 3. That pursuant to Chapter 28 “Land Development Code,” Part 6 “Development Review Procedures and Requirements,” Article 625 “Variances,” the following Variance application (VA-58-17) is approved consistent with the attached Site Plan provided in Exhibit “B”.

Section 4. That the approvals granted by this Resolution are subject to the Applicant’s compliance with the following conditions:

1. 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. (PLANNING)
2. 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
3. Engineer for period of construction prior to issuance of a building permit. (PLANNING)
4. On Sheet L-200, provide a list of which trees (quantity and species) are proposed to be installed to meet the mitigation requirements in the “plant schedule” table. (LANDSCAPE)
5. On Sheets L-200 and L-300, provide a special symbol or callout to indicate the location of trees proposed to be installed to meet mitigation requirements. Note

that trees used to meet the minimum site requirements (buffers, NVOS, peninsulas etc.) may not be counted as mitigation trees. (LANDSCAPE)

6. Please provide a detail sheet accompanying the Civil Plans with the following details (FIRE):
 - a) Bollard / Impact Protection Detail for Hydrants, FDC's & DDCV's.
 - b) Roadway Pavement Marker (RPM) Detail for Fire Hydrant Locations (Blue Reflective Markers).
 - c) Signage Detail for the Fire Department Connections (where applicable).
7. Provide address Detail. (FIRE)
8. Provide an egress plan demonstrating and dimensioning all common paths of travel and travel distances to all exits within the buildings and/or structures. (FIRE)

Section 5. That failure to adhere to the terms and conditions of approval above shall be considered a violation of the City Code and persons found violating the conditions shall be subject to the penalties prescribed by the City Code, including but not limited to, the revocation of the approvals granted by this Resolution. The Applicant understands and acknowledges that it must comply with all other applicable requirements of the City before it may commence construction or operation, and this Resolution may be revoked by the City Commission at any time upon a determination that Applicant is not in compliance with the City Code.

Section 6. That pursuant to LDC Section 635-100 "Expiration of Site Plans" and Section 625-50 "Expiration of variances", the Site Plan (SP-029-17) and Variance (VA-58-17) 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 7. That such application must be reviewed by the Broward County Aviation Department. The point of contact is William Castillo, Airport Planner located at 220 S.W. 45 Street, Suite 101, Dania Beach, Florida, 33312, (954) 359-6100.

Section 8. 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 9. That all resolutions or parts of resolutions in conflict with this Resolution are repealed to the extent of such conflict.

Section 10. That this Resolution shall be in force and take effect immediately upon its passage and adoption.

PASSED AND ADOPTED on September 12, 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**

THE NORTH 339.95 FEET OF LOT 7, AND THE EAST 40 FEET OF LOT 6, IN BLOCK 1, OF "TROPIC FARMS", ACCORDING TO THE PLAT THEREOF, RECORDED IN PLAT BOOK 24, PAGE 30, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

LESS THE FOLLOWING DESCRIBED PROPERTY:

(A) A PORTION OF LOT 6, BLOCK 1, "TROPIC FARMS", PER PLAT RECORDED IN PLAT BOOK 24, PAGE 30, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; BEING DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE SE 1/4 OF SECTION 20, TOWNSHIP 50 SOUTH, RANGE 42 EAST; THENCE SOUTH 89°07'55" WEST 1476.22 FEET ALONG THE NORTH LINE OF SAID SE 1/4 TO THE NORTHEAST CORNER OF SAID LOT 6; THENCE ALONG THE EAST LINE OF SAID LOT 6, SOUTH 01°43'21" EAST 399.80 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG SAID EAST LINE SOUTH 01°43'21" EAST 30.35 FEET TO THE SOUTHEAST CORNER OF SAID LOT 6; THENCE ALONG THE SOUTH LINE OF SAID LOT, NORTH 62°17'11" WEST 45.93 FEET; THENCE NORTH 01°43'21" WEST 8.32 FEET; THENCE NORTH 89°03'14" EAST 40.00 FEET TO THE POINT OF BEGINNING;

TOGETHER WITH ALL RIGHTS OF INGRESS, EGRESS, LIGHT, AIR AND VIEW BETWEEN THE GRANTOR'S REMAINING PROPERTY AND ANY FACILITY CONSTRUCTED ON THE ABOVE DESCRIBED PROPERTY.

ALSO

(B) A PORTION OF LOT 6, BLOCK 1, "TROPIC FARMS", PER PLAT RECORDED IN PLAT BOOK 24, PAGE 30, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; BEING DESCRIBED AS FOLLOWS:

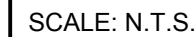
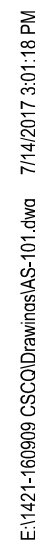
COMMENCE AT THE NORTHEAST CORNER OF THE SE 1/4 OF SECTION 20, TOWNSHIP 50 SOUTH, RANGE 42 EAST; THENCE SOUTH 89°07'55" WEST 1476.22 FEET ALONG THE NORTH LINE OF SAID SE 1/4 TO THE NORTHEAST CORNER OF SAID LOT 6; THENCE ALONG THE EAST LINE OF SAID LOT 6, SOUTH 01°43'21" EAST 339.79 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE ALONG SAID EAST LINE SOUTH 01°43'21" EAST 60.01 FEET; THENCE SOUTH 89°03'14" WEST 40.00 FEET; THENCE NORTH 01°43'21" WEST 60.01 FEET; THENCE NORTH 89°03'14" EAST 40.00 FEET TO THE POINT OF BEGINNING.

EXHIBIT B
SITE PLAN

2401 SW 31ST STREET
DANIA BEACH, FLORIDA 33312



T-001



SCALE: NTS

AS-101



T 954.961.6806

F 954.961.6807

www.synalovski.com

Manuel Synalovski, AIA

AR 0011628
SEAL

LICENSE NO. AA26001863

2401 SW 31 STREET
DANIA BEACH, FL

[illegible]

PROJECT NUMBER: 1421-160909

DRAWN BY: MF
CHECKED BY: MS

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All Rights Reserved.

SHEET TITLE:

PHOTOMETRIC PLAN

SHEET NUMBER:

PH-101

Calculation Summary					
Project: CSCQ DANIA BEACH - SITE --- FEB - 1 - 2017					
Label	Avg	Max	Min	Avg/Min	Max/Min
PARK & DRIVE	2.84	11.7	1.0	2.84	11.70

Project: CSCQ DANIA BEACH - SITE --- FEB - 1 - 2017

PHOTOMETRIC PLAN
SCALE: 1/16"=1'-0"

Sheet Title
**PAVING, GRADING,
AND DRAINAGE PLAN**

Job Title
CORALUZZO - DANIA BEACH

2401 SW 31ST STREET, DANIA BEACH, FLORIDA



Revisions	

Phase:
DRC
DOCUMENTS

SEAL

Scale: 1"=20'	Date 02/21/17
Job No. 16-1340.00	Plot Date 06/26/17
Drawn by DRS	Sheet No. C2
Proj. Mgr. DRS	
Appr. by DRS	2 of 6

GRADING AND DRAINAGE NOTES:

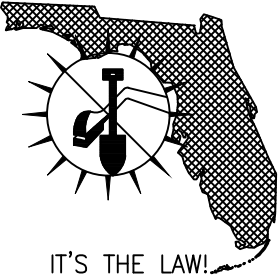
1. ALL STORM DRAINAGE LINE FROM THE BLDG SHALL BE LAID @ 1.0% MINIMUM SLOPE UNLESS NOTED OTHERWISE ON PLANS.
2. CLEANOUTS ON STORM DRAINAGE LINES ARE TO BE ADJUSTED TO BE FLUSH W/FINISHED GRADE.
3. CONTRACTOR SHALL PROVIDE FITTINGS (WYES, TEE, REDUCERS, ETC.) AS REQUIRED TO FURNISH A COMPLETE WORKING SYSTEM BASED ON THE LAYOUT SHOWN ON THESE PLANS.
4. LANDSCAPED AREAS SHALL BE GRADED TO DRAIN TO THE CATCH BASIN INLETS. FIELD ADJUST GRADING AS REQUIRED.
5. SITE UTILITY CONTRACTOR SHALL COORDINATE WITH THE BUILDING PLUMBING CONTRACTOR FOR EXACT LOCATION OF CONNECTION POINTS BETWEEN THE BUILDING AND SITE WATER, SEWER AND DRAINAGE LINES (VERTICALLY AND HORIZONTALLY).
6. RECTANGULAR CATCH BASIN AND YARD DRAIN GRATES SHALL BE INSTALLED SUCH THAT THE LONG AXIS OF GRATE PARALLELS THE CLOSEST ADJACENT WALK, BLDG.DRIVE WAY, PROPERTY LINE, OR ROADWAY.
7. COORDINATE LOCATION IN FIELD OF ALL CATCH BASINS & YARD DRAINS WITH LANDSCAPE CONTRACTOR TO AVOID CONFLICTS.
8. CENTERLINE OF YARD DRAINS @ BASE OF DOWN SPOUTS MUST ALIGN WITH CENTERLINE OF DOWN SPOUT PRIOR TO FINAL ACCEPTANCE BY OWNER. REFERENCE ARCH. PLANS FOR EXACT LOCATION OF DOWN SPOUTS.
9. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER & LANDSCAPE ARCHITECT TO FIELD ADJUST GRADING & UNDERGROUND PIPING AS REQUIRED TO PRESERVE EXISTING TREES TO REMAIN.
10. CATCH BASINS LOCATED IN SWALES IN PARKING LOT SHALL BE CENTERED IN SWALE. UNLESS NOTED OTHERWISE.

FLOOD ZONE "AE" ELEV 9 NAVD ON FIRM
MAP #12011C0556H, DATE AUGUST 18, 2014
BROWARD COUNTY 100 YEAR
3 DAY CONTOUR= ELEV. 5.50 NAVD
AVERAGE WET SEASON
WATER LEVEL= ELEV. 0.50 NAVD

LEGEND:

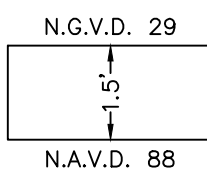
- 0.00 PROPOSED ELEVATION (NAVD)
- +3.50 EXISTING ELEVATION (NAVD)
- PROPOSED CATCH BASIN
- PROPOSED PLUG
- TEE
- WATER METER
- DOUBLE DETECTOR CHECK W/ WAFER
CHECK VALVE ON DOWNSTREAM SIDE
- REDUCED PRESSURE
BACKFLOW PREVENTOR
- DIRECTIONAL FLOW ARROW
AND GRAVITY SEWER
- PROPOSED MANHOLE
- W - WATER MAIN
- FM - SANITARY FORCE MAIN
- VALVE
- FIRE HYDRANT
- SIAMESE CONNECTION
- CLEANOUT
- EDGE OF PROPOSED PAVEMENT
(ASPHALT)
- DIRECTION OF SURFACE DRAINAGE
- SAMPLE POINT
- EXIST. WATER MAIN
- EXIST. UTILITY LINE TO BE
REMOVED

CALL 48 HOURS BEFORE YOU DIG IN FLORIDA

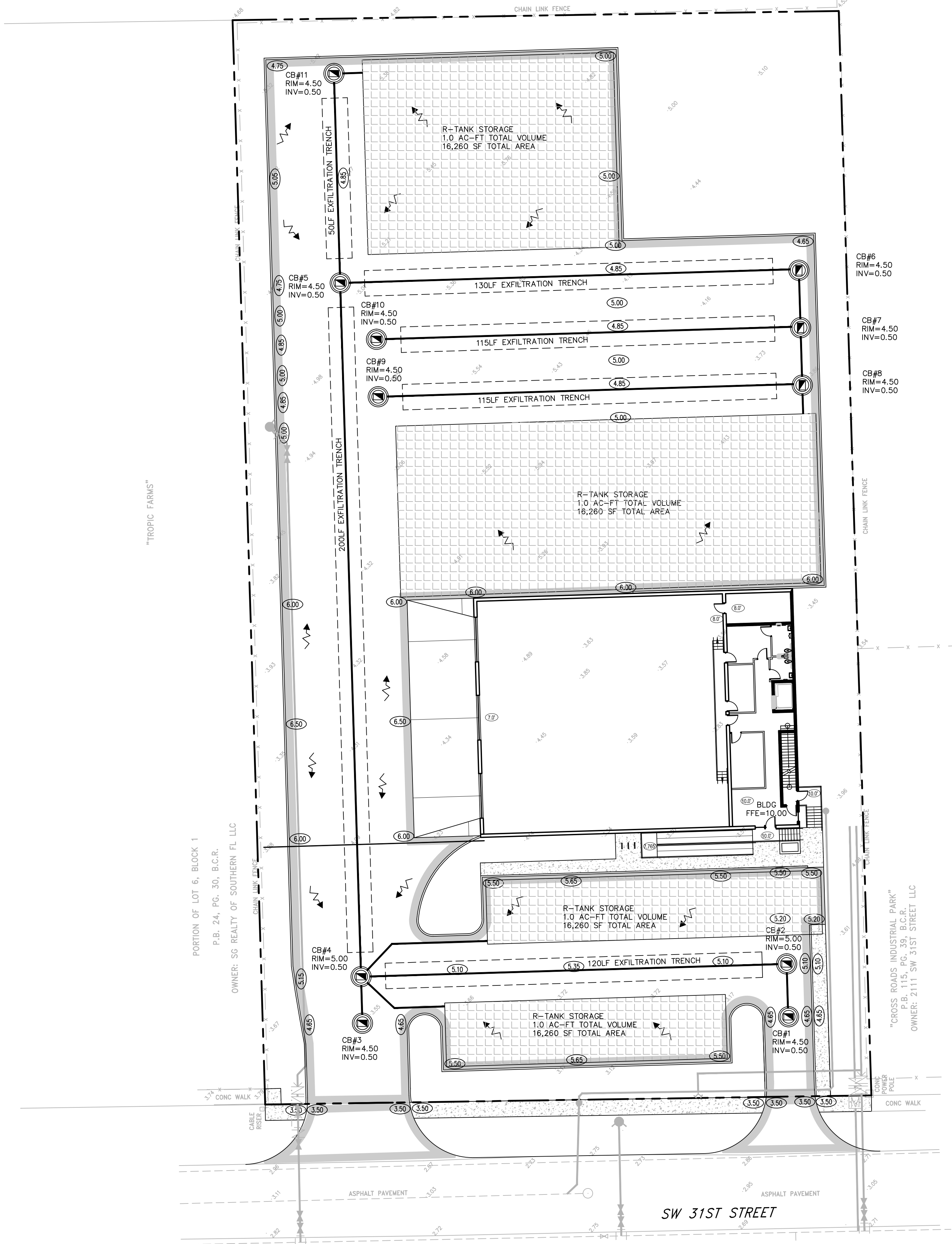


SUNSHINE STATE ONE CALL OF FLORIDA, INC.

**VERTICAL DATUM
CONVERSION**
GRADING SHOWN UTILIZES N.A.V.D. 88



N.A.V.D. 88 = N.G.V.D. 29 + 1.5'
N.G.V.D. 29 = N.A.V.D. 88 + 1.5'





WATER AND SEWER PLAN

CORALUZZO - DANIA BEACH

2401 SW 31ST STREET, DANIA BEACH, FLORIDA

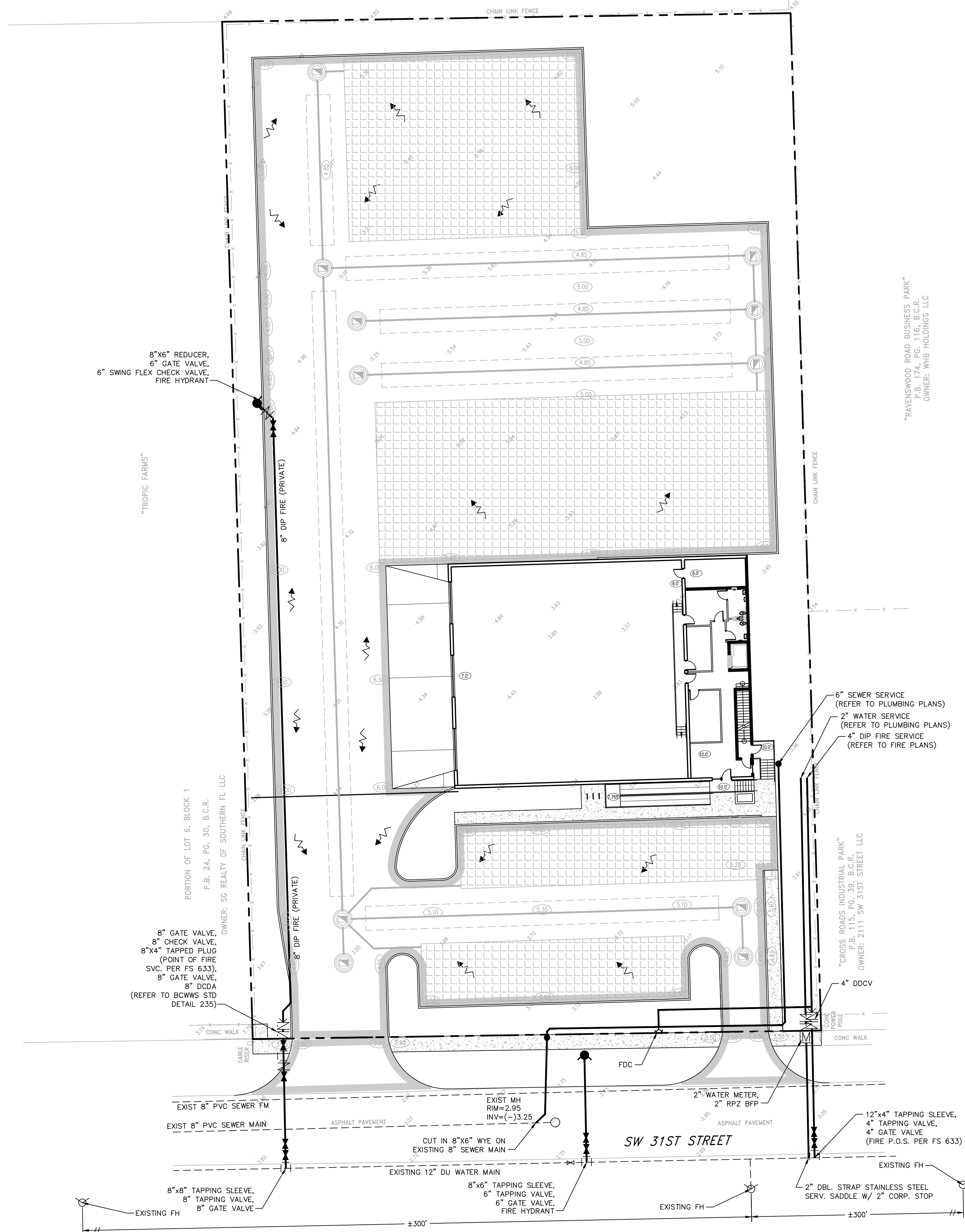


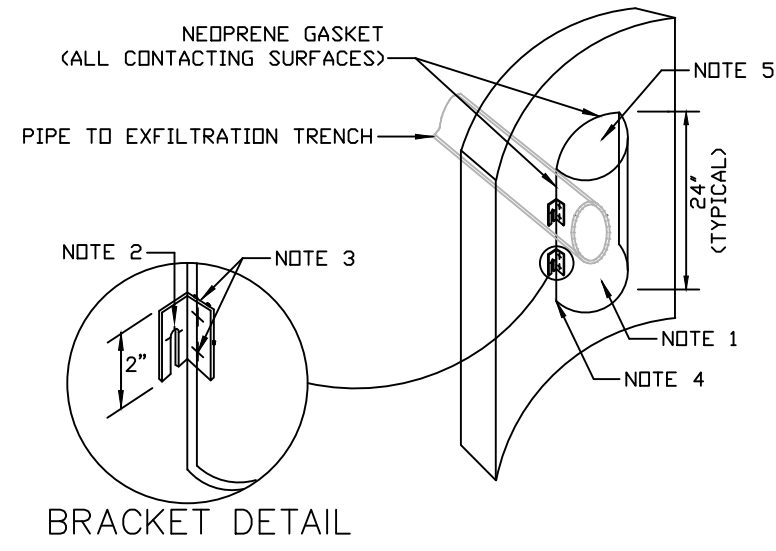
Revisions

Phase:
DRC
DOCUMENTS

SEAL

Scale: 1"=20'	Date 02/21/17
Job No. 15-1266.00	Plot Date 06/26/17
Drawn by DRS	Sheet No. C3
Proj. Mgr. DRS	
Appr. by DRS	3 of 6





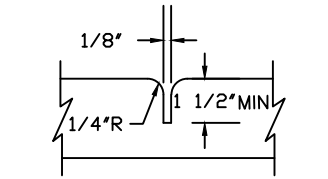
- NOTES**
- SECTION OF A.C.M.P. (NEXT SIZE LARGER THAN DRAINAGE PIPE) CUT IN HALF
 - 1/2" STAINLESS STEEL ANCHOR BOLTS & NUTS
 - WELD OR 2-1/4" THRU BOLTS
 - BOTTOM OF BAFFLE TO BE MOUNTED 6" BELOW INVERT OF PIPE
 - ALUMINUM PLATE TO BE WELDED TO TOP OF FRB

POLLUTION RETARDANT BAFFLE

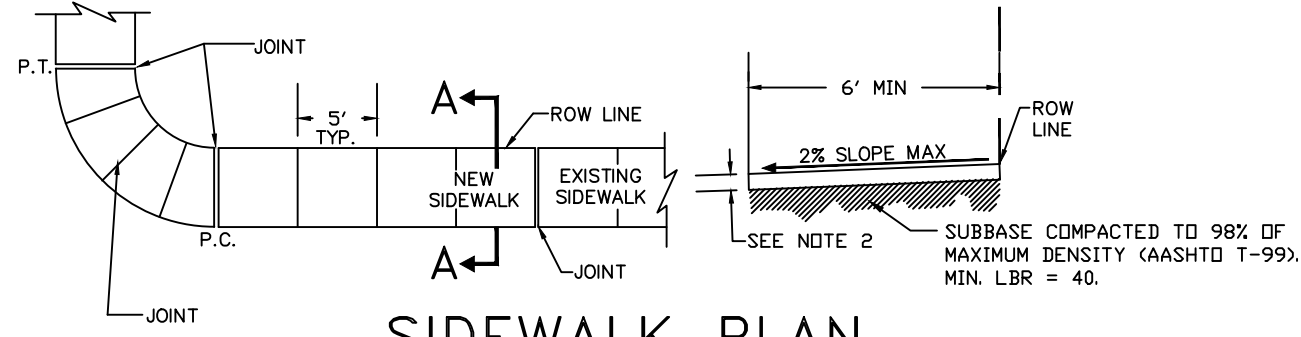
SUMMARY OF DRAINAGE STRUCTURES

STRUCTURES	TYPE	"A"	"B"	"C"	FRAME (U.S.F. # OR EQUAL)	GRATE (U.S.F. # OR EQUAL)
CB# 4,8,11	"D"	37"x49"	8"	8"	6626 STEEL	
CB# 1-3,5-7,9-10	"J"	4'-0" Ø	8"	8"	4155	6209 CAST IRON
CB#	"C"	24"x37"	8"	8"	4155	6209 CAST IRON
MH#	"J"	4'-0" Ø	8"	8"	420	TYPE "C"
MH#	"C"	24"x37"	8"	8"	420	TYPE "C"
CB#	"C"	24"x37"	8"	8"	5145	6209 CAST IRON
YDM		NYLOPLAST YARD DRAIN				

DIMENSIONS SHOWN ARE FOR USE AS A GENERAL GUIDELINE AND BY NO MEANS CONSTITUTE AN ENGINEERED DESIGN. PRE-CAST MANUFACTURER TO DESIGN AND FABRICATE STRUCTURES MEETING THE INDUSTRY STANDARD DESIGN LOADS. THE STRUCTURAL CAPACITY IS THE SOLE RESPONSIBILITY OF THE MANUFACTURER



JOINT DETAIL



SIDEWALK PLAN

CONCRETE PAVEMENT & SIDEWALK JOINTS

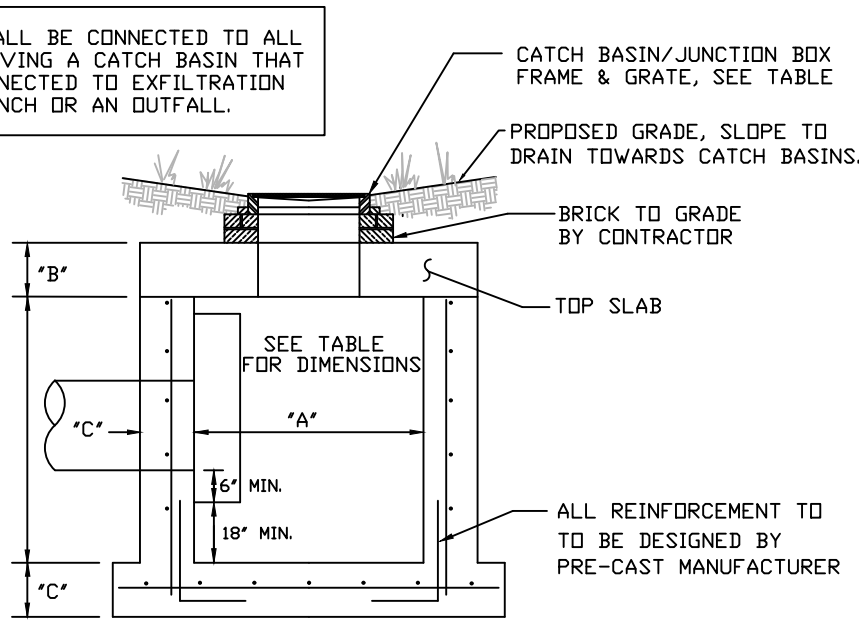
TABLE OF SIDEWALK JOINTS	LOCATION
P.C. AND P.T. CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS.	
5'-0" CENTER TO CENTER ON SIDEWALKS.	
15' CENTER TO CENTER MAX. FOR CONCRETE PAVEMENT UNLESS OTHERWISE INDICATED.	

NOTE: CONCRETE TO BE CLASS-1 3000 P.S.I.

- PROVIDE 1/8" CONTRACTION JOINTS AT 5' C.C. WITH A MINIMUM DEPTH 1 1/2", EDGED WITH A 1/4" RADIUS DEEP WITHIN THE FOLLOWING TIME PERIODS: JOINTS AT NOT MORE THAN 30' INTERVALS - WITHIN 12 HOURS AFTER FINISHING. REMAINING JOINTS WITHIN 96 HOURS AFTER FINISHING.
- PROVIDE 6" THICK CONCRETE FOR ALL SIDEWALKS LOCATED IN RIGHT OF WAY AND 4" THICK CONCRETE FOR ALL SIDEWALKS LOCATED ON-SITE.
- NO REINFORCEMENTS SHALL BE USED IN THE SIDEWALKS.
- CONCRETE TO BE 3,000 PSI IN 28 DAYS.
- CURE ALL CONCRETE WITH CLEAN SAND, PLASTIC MEMBRANE OR OTHER APPROVED METHOD.
- CONCRETE PAVEMENT FOUNDATION SHALL BE COMPACTED TO A FIRM, EVEN SURFACE, TRUE TO GRADE AND CROSS SECTION, AND SHALL BE MOIST AT THE TIME CONCRETE IS PLACED
- ALL CONSTRUCTION SHALL CONFORM TO LOCAL CONSTRUCTION CODES AND STANDARDS

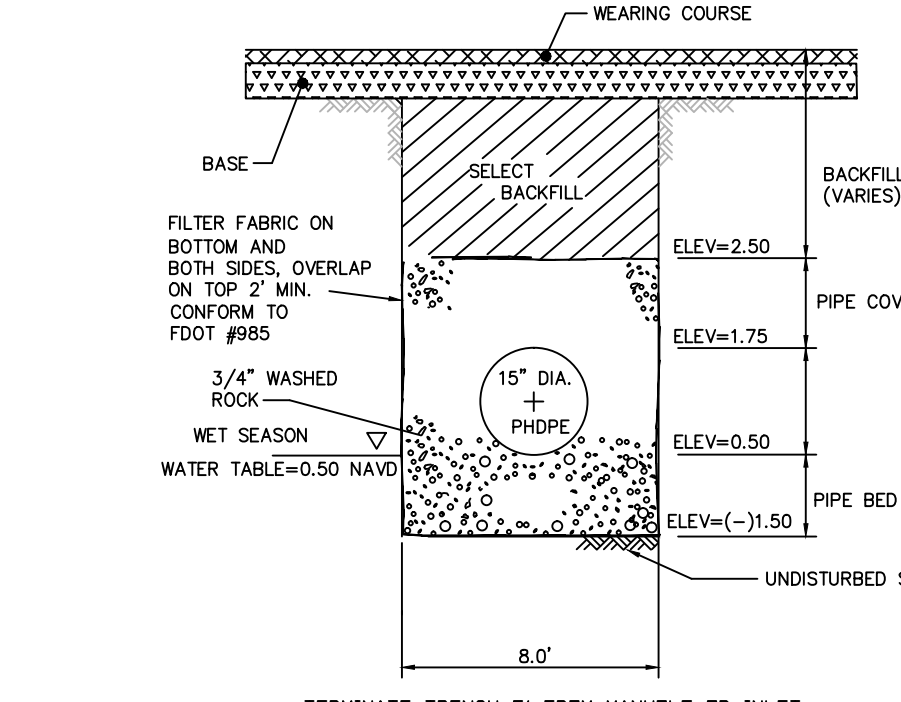
CONCRETE PAVEMENT & SIDEWALK DETAIL

NTS



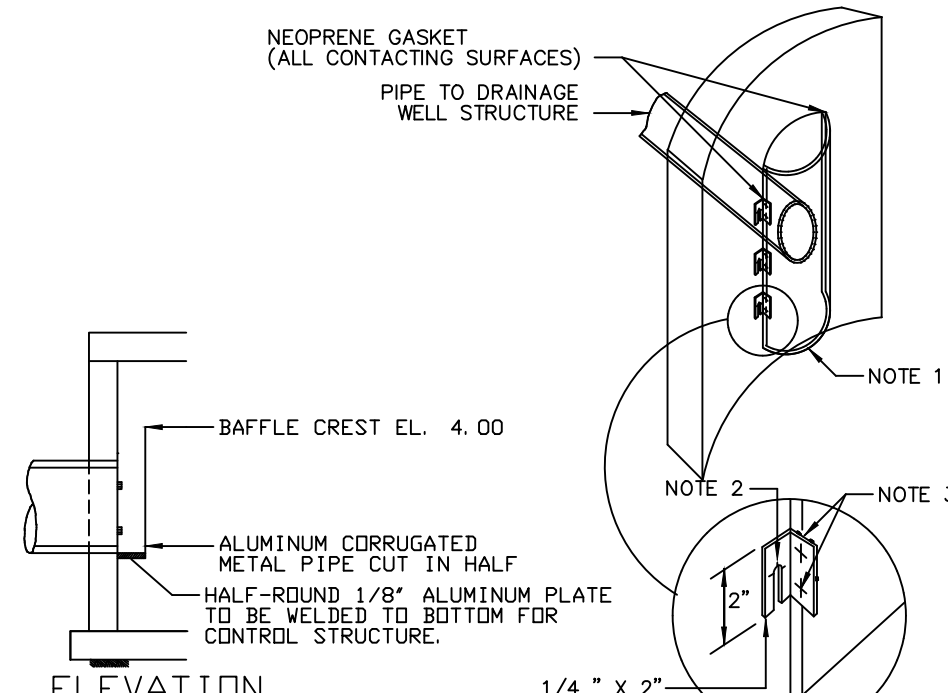
SECTION UNCTION BOX/CATCH BASIN

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INFILTRATION TRENCH DETAIL

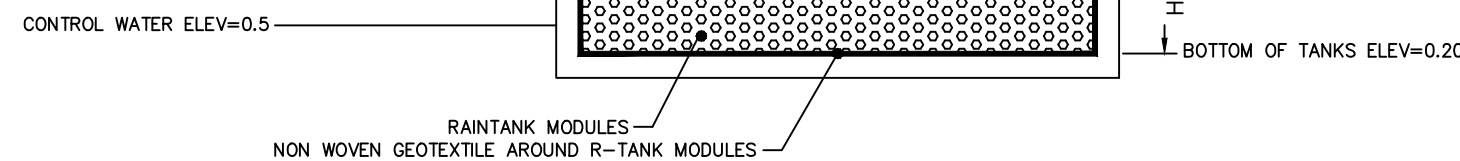
NTS



- NOTES**
- SECTION OF A.C.M.P. CUT IN HALF.
 - 1/2" STAINLESS STEEL ANCHOR BOLTS & NUTS
 - WELD OR 2-1/4" THRU BOLTS
 - BOTTOM OF BAFFLE TO BE MOUNTED AT INVERT OF PIPE.

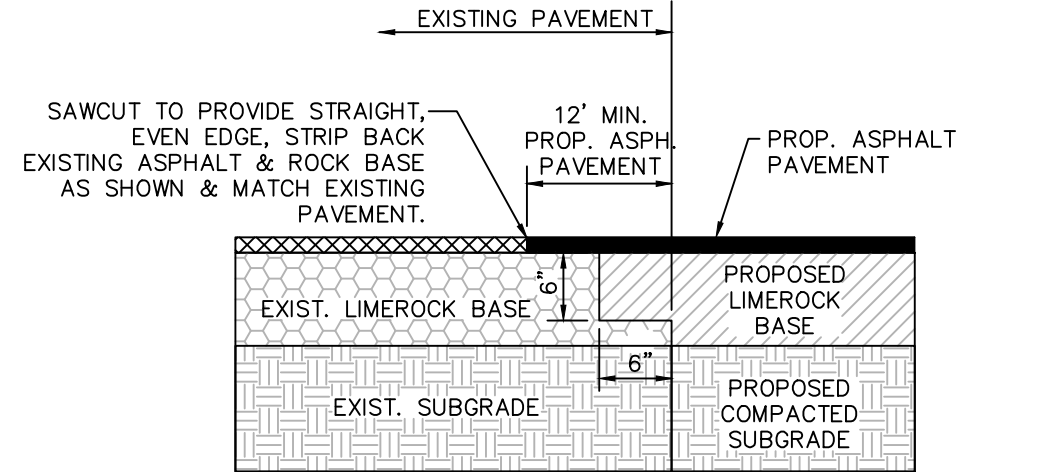
INVERTED BAFFLE DETAIL IN STRUCTURES PRIOR R-TANK (CB#4,8,&11)

NTS



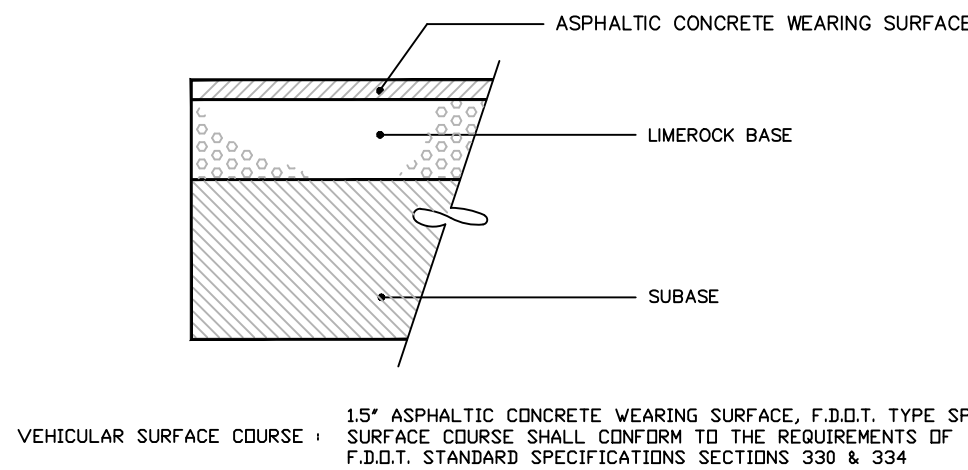
R-TANK MODULE TYPICAL CROSS SECTION

NTS



PAVEMENT CONNECTION DETAIL

NTS



TYPE "D" CURB DETAIL

NTS

- PRIME & TACK COAT:** PRIME & TACK COAT FOR THE LIMEROCK BASE COURSE SHALL CONFORM TO THE REQUIREMENTS OF F.O.D.T. STANDARD SPECIFICATIONS SECTION 300 APPLICATION RATES - PRIME COAT-0.25 GALLONS PER SQ. YD. TACK COAT-0.08 GALLONS PER SQ. YD.
- STANDARD BASE:** 6" LIMEROCK BASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180). LIMEROCK BASE TO CONFORM WITH THE REQUIREMENTS OF F.O.D.T. SPECIFICATION SECTIONS 200 & 91L. MINIMUM L.B.R. = 100.
- SUBBASE:** 12" SUBBASE COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180). MINIMUM L.B.R. = 40.
- NOTE:** 1. GROUND ADJACENT TO PAVEMENT HAVING RUNOFF SHALL BE GRADED TWO INCHES LOWER THAN THE EDGE OF PAVEMENT TO ALLOW FOR THE PLACEMENT OF S.D.

ASPHALT PAVEMENT DETAIL

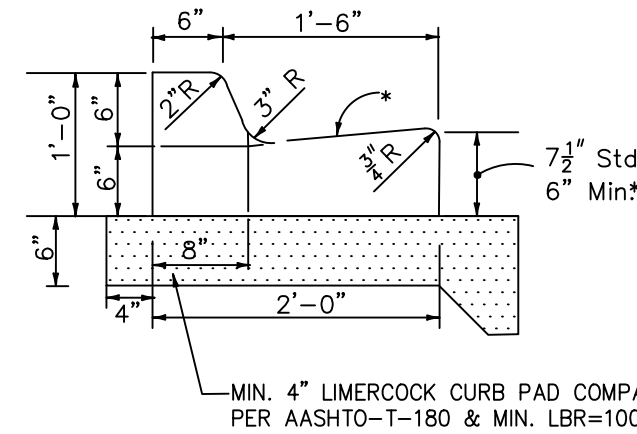
NTS

SPACING OF REQUIRED ROADWAY, PARKING AREA AND UTILITY TRENCH TESTS									
F.B.V.	DENSITY	L.B.R.	THICKNESS	MAX. SPACING	MAX. SPACING	MAX. SPACING	MAX. SPACING	MAX. SPACING	MAX. SPACING
UN. FEET	SQ. FEET	UN. FEET	SQ. FEET	UN. FEET	SQ. FEET	UN. FEET	SQ. FEET	UN. FEET	SQ. FEET
COMPACTED OR STABILIZED SUBGRADE	200	10,000	200	10,000	200	10,000	300	10,000	
LIMEROCK BASE	---	---	300	10,000	---	---	300	10,000	
ASPHALT	---	---	---	---	---	---	PER INSP. REQ.	---	
UTILITY TRENCH	---	---	200	---	---	---	---	---	

ALL TESTING SHALL BE TAKEN IN A STAGGERED SAMPLING PATTERN FROM A POINT 12" INSIDE THE LEFT EDGE OF THE ITEM TESTED TO THE CENTER, TO A POINT 12" INSIDE THE RIGHT EDGE.

COMPACTION TEST SCHEDULE

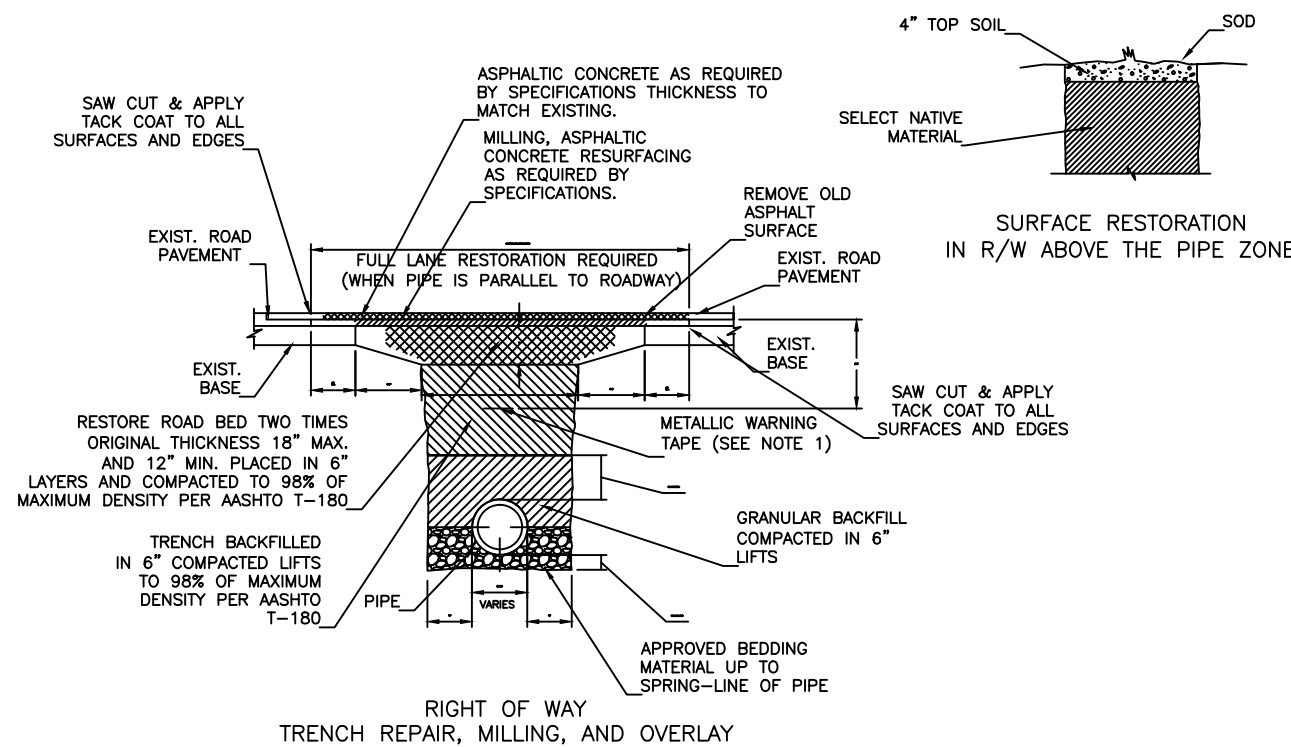
NTS



- * When used on high side of roadways, the cross slope of the gutter shall match the cross slope of the adjacent pavement. The thickness of the lip shall be 6", unless otherwise shown on plans.

TYPE F CONCRETE CURB AND GUTTER

NTS

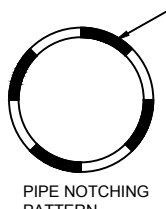


- NOTES:**
- METALLIC WARNING TAPES SHALL BE INSTALLED 24" BELOW FINISH GRADE ABOVE MAIN. (SEE SPECIFICATION 2320 SECTION 3.6 FOR MARKING TYPE)
 - UNLESS OTHERWISE SPECIFIED SELECTED MATERIAL SHALL BE FREE OF STONES LARGER THAN 3/8" DIA.
 - REPLACE ALL LANE MARKINGS AND REFLECTIVE MARKERS.

- T=6" PARKING
T=8" RESIDENTIAL STREETS
T=10" MAJOR STREETS (4 LANE)
T=12" MAJOR STREETS (6 LANE)
27-18" MAX. 12" MIN.

TYPICAL TRENCH AND PAVEMENT RESTORATION FOR TRANSVERSE CROSSING

NTS



R-TANK^{HD} TYPICAL MAINTENANCE PORT

FOR ADDITIONAL INFORMATION PLEASE CONTACT: ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com



R-TANK^{HD} - H2O LOADS

FOR ADDITIONAL INFORMATION PLEASE CONTACT: ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com



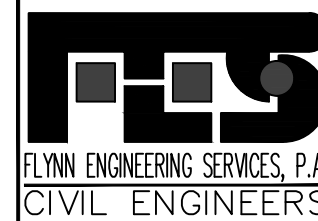
R-TANK^{HD} TYPICAL TANK INLET/OUTLET DETAIL

FOR ADDITIONAL INFORMATION PLEASE CONTACT: ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com



FABRIC PIPE BOOT FOR R-TANK^{HD}

FOR ADDITIONAL INFORMATION PLEASE CONTACT: ACF ENVIRONMENTAL, 1-800-448-3636, www.acfenvironmental.com



241 COMMERCIAL BLVD.
LAUDERDALE BY THE SEA, FL 33308
PHONE: (954) 522-1004
FAX: (954) 522-7630
www.flynnengineering.com
EB# 6578

Sheet Title
PAVING, GRADING,
AND DRAINAGE DETAILS

Job Title
CORAL GABLES - DANIA BEACH
2401' SW 31ST STREET, DANIA BEACH, FLORIDA

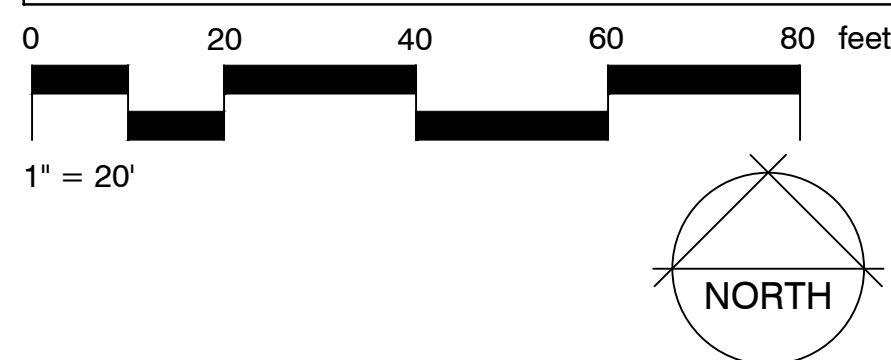
Revisions

No.	Description	Date

Phase:
PRELIMINARY
DOCUMENTS

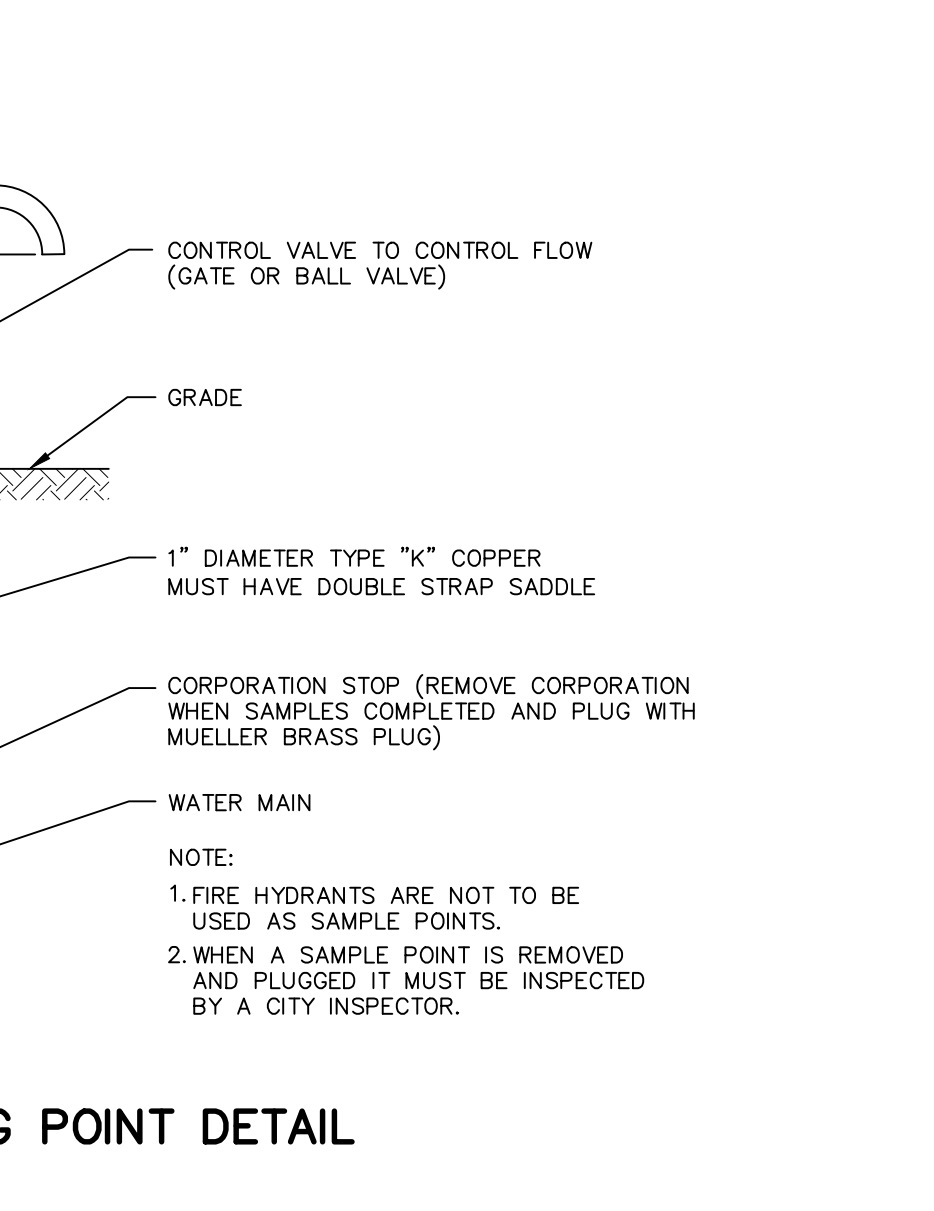
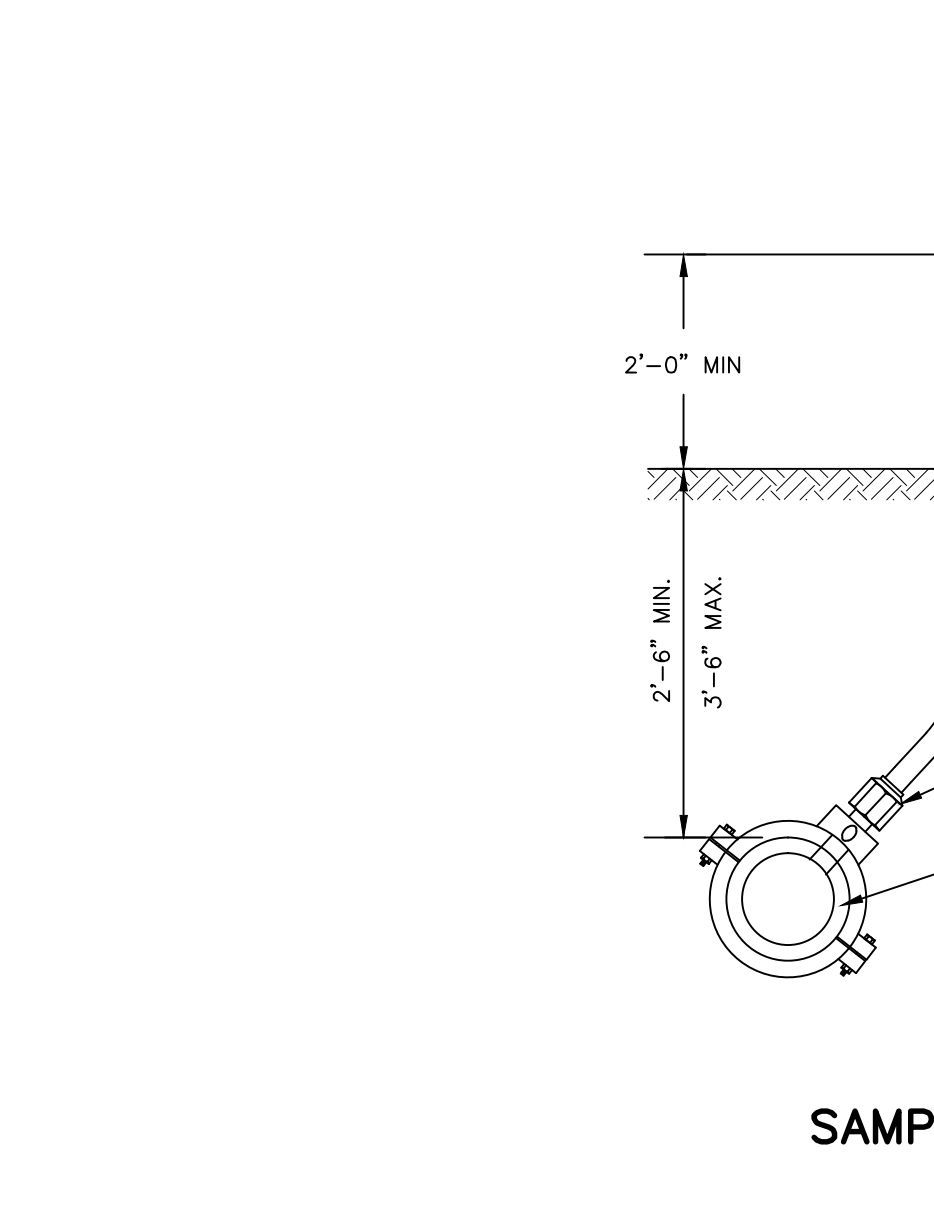
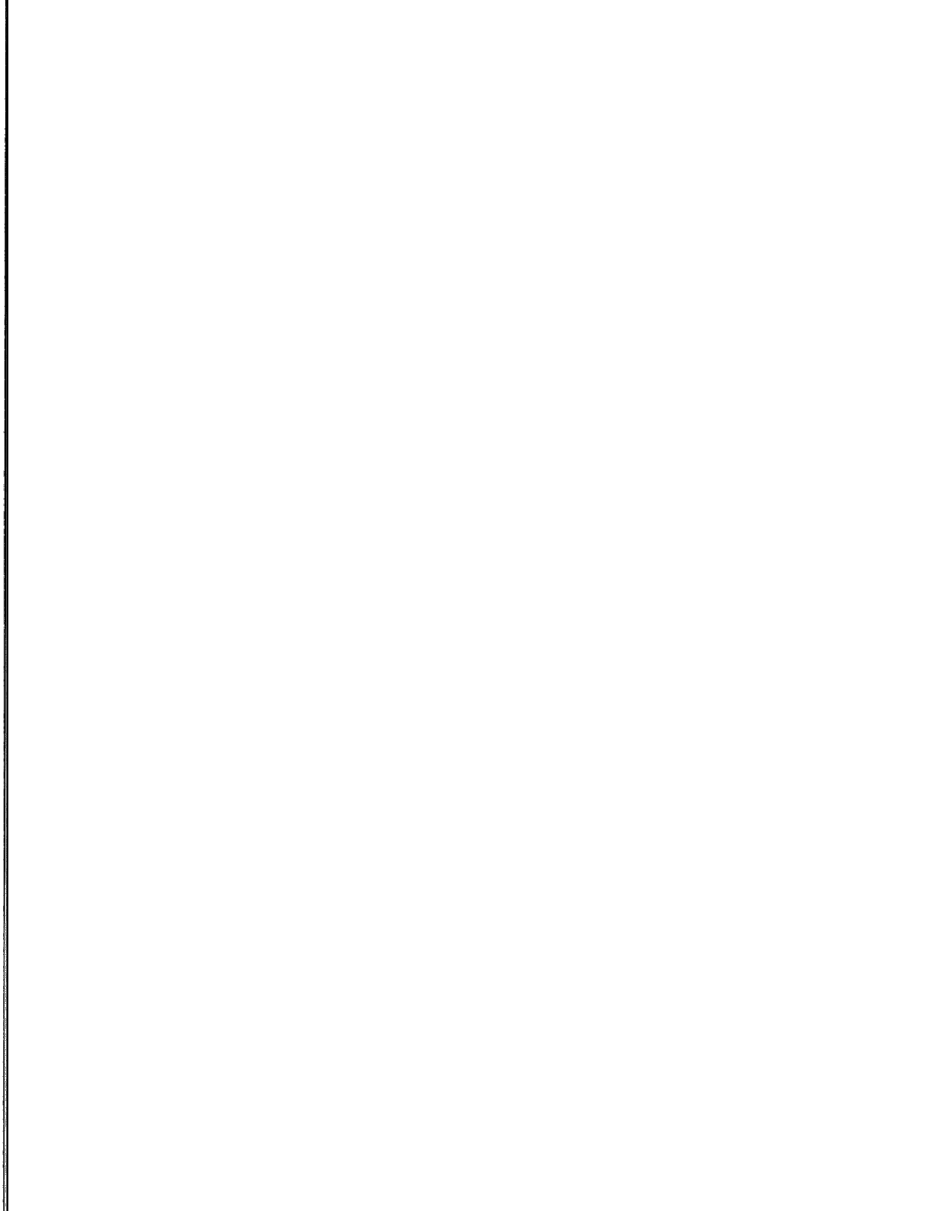
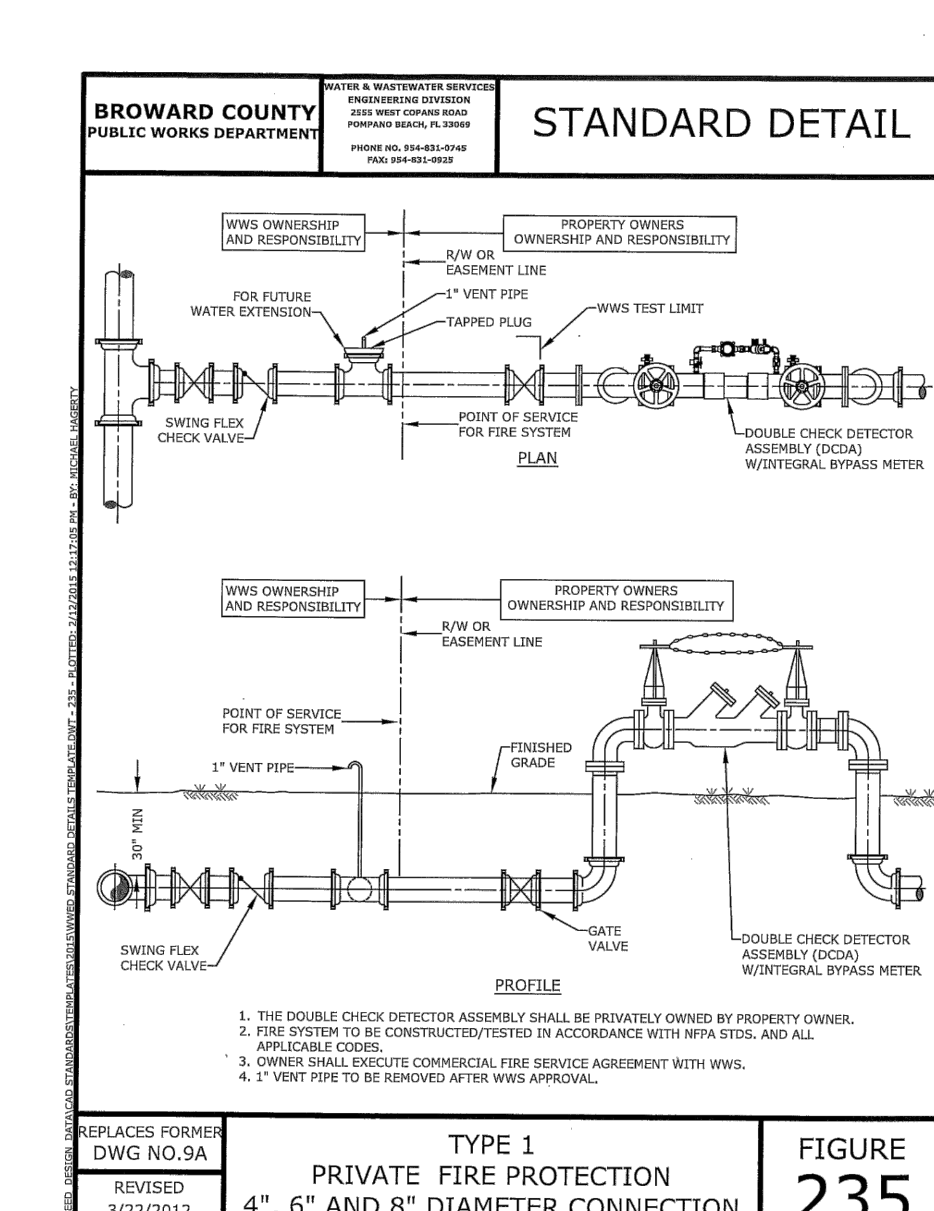
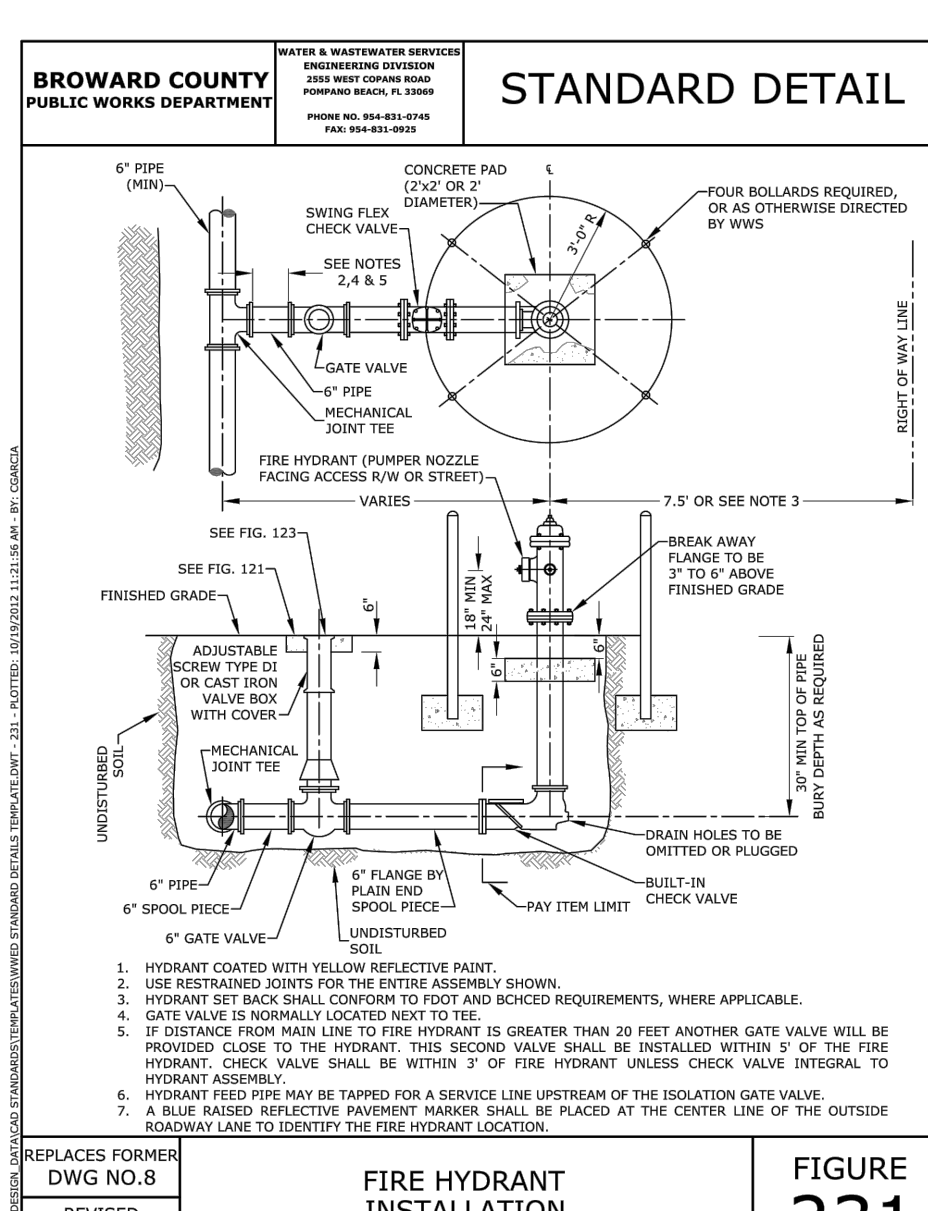
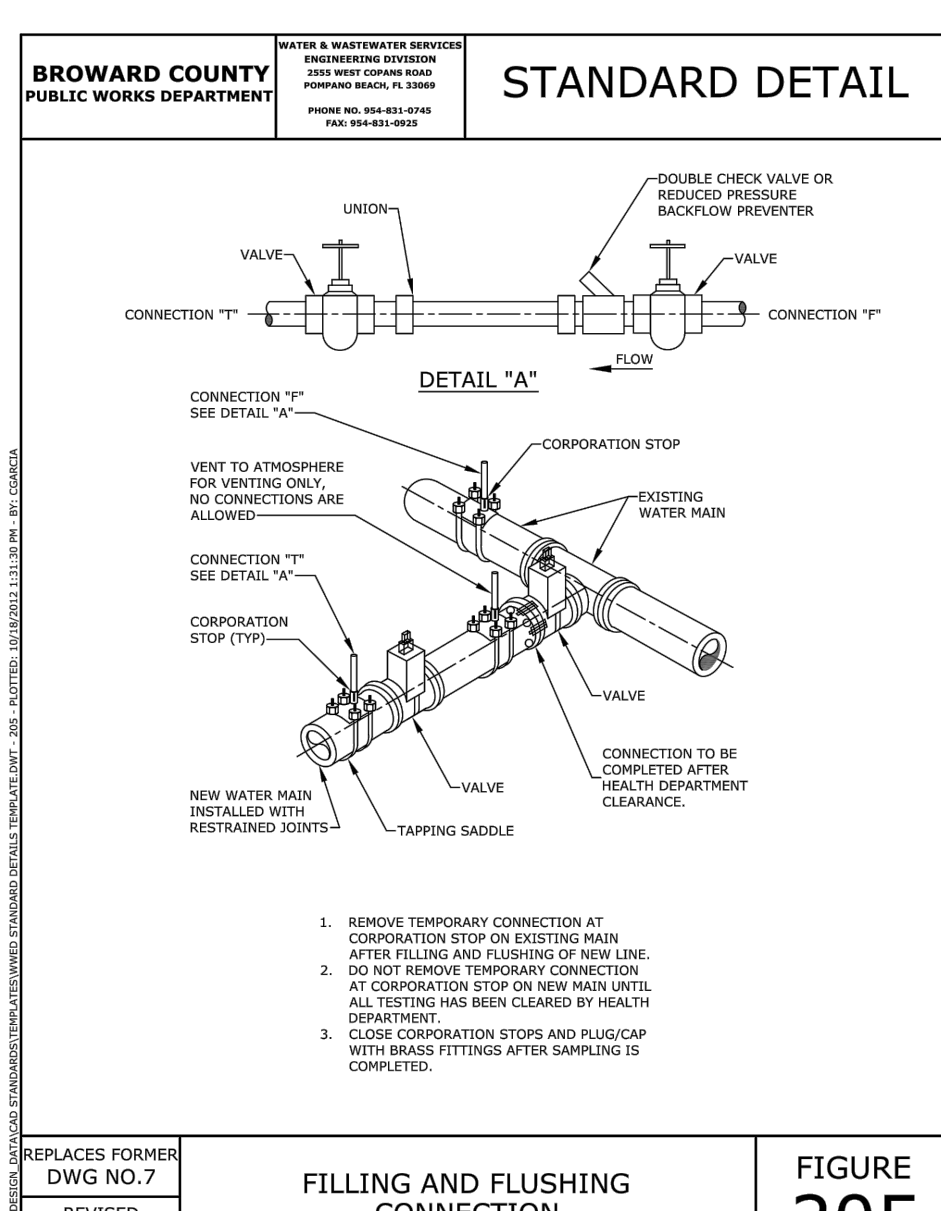
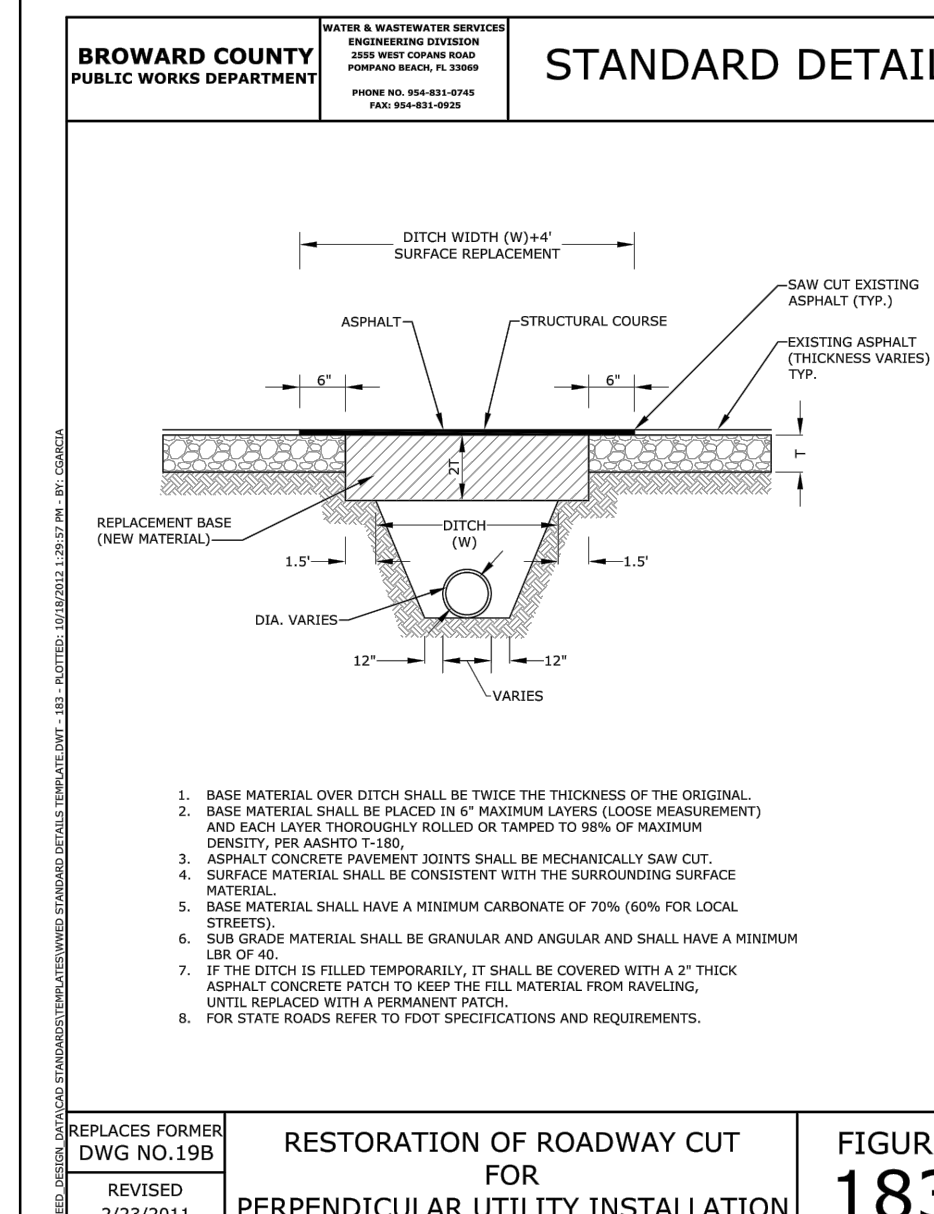
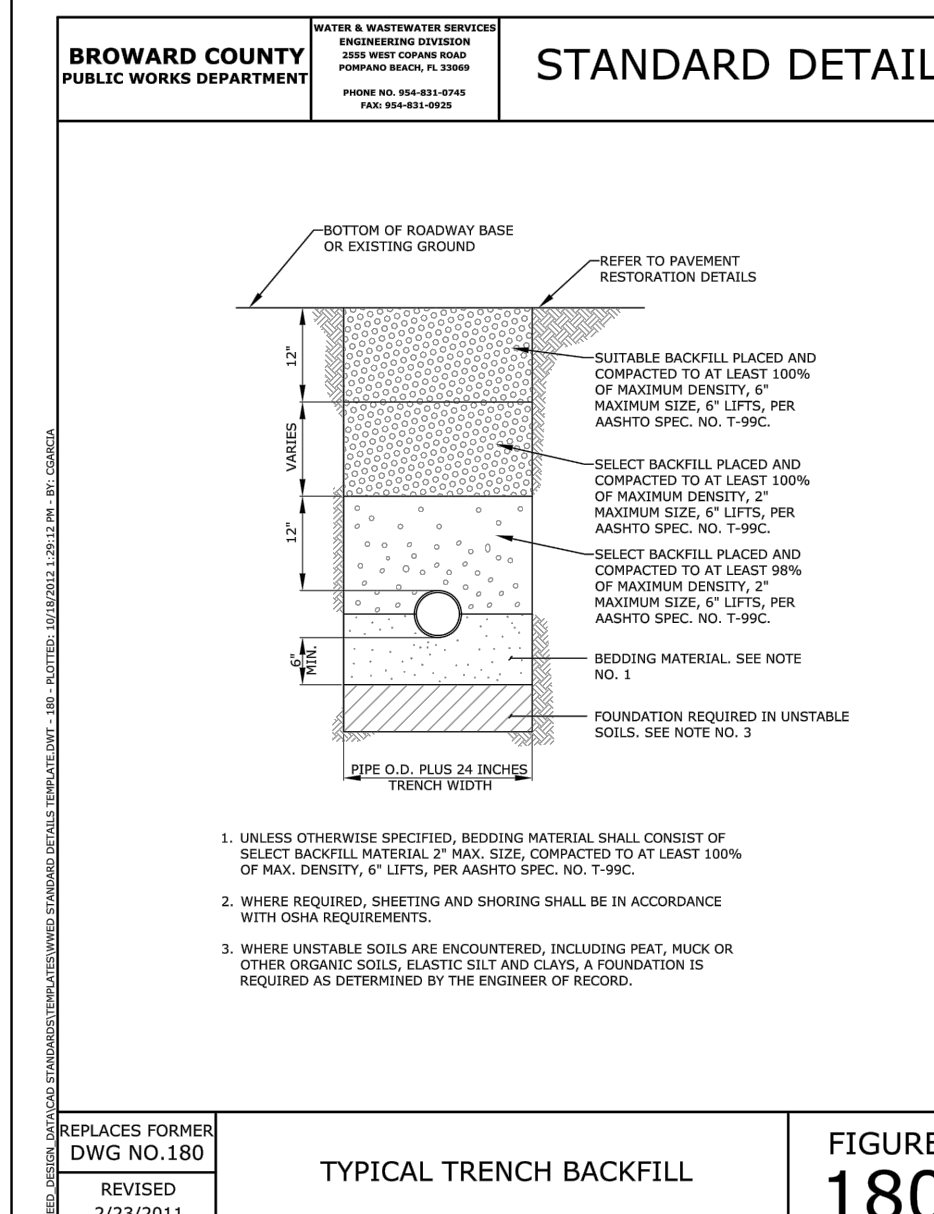
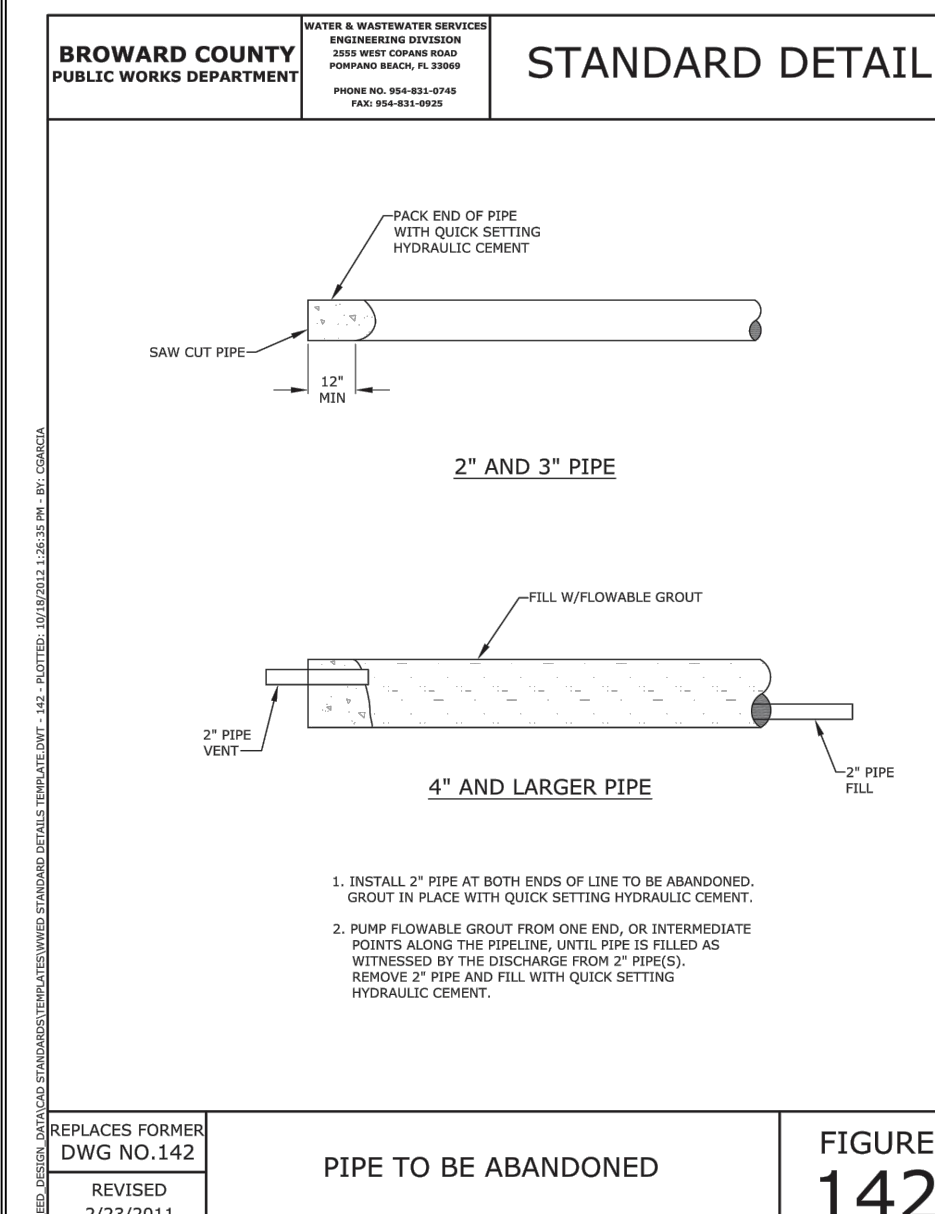
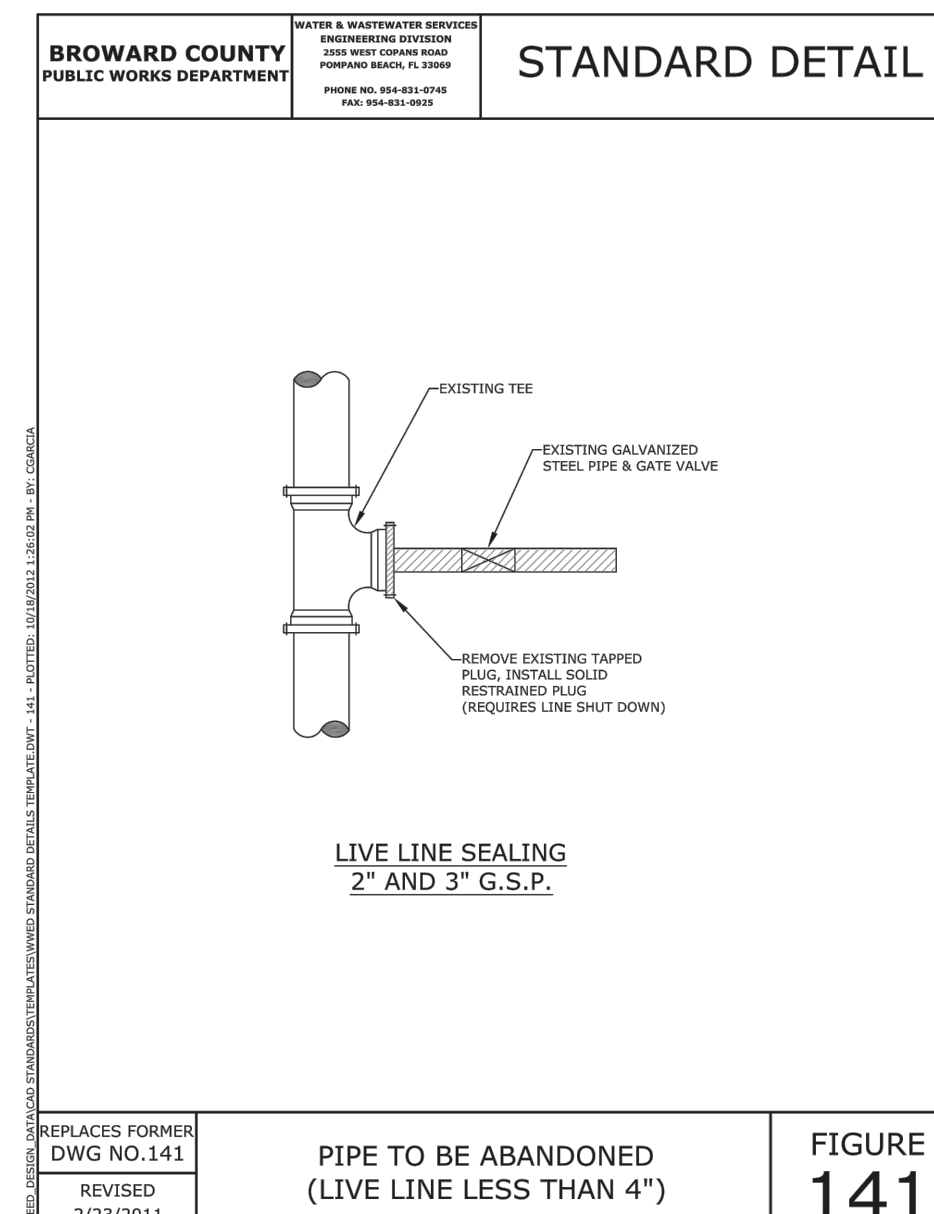
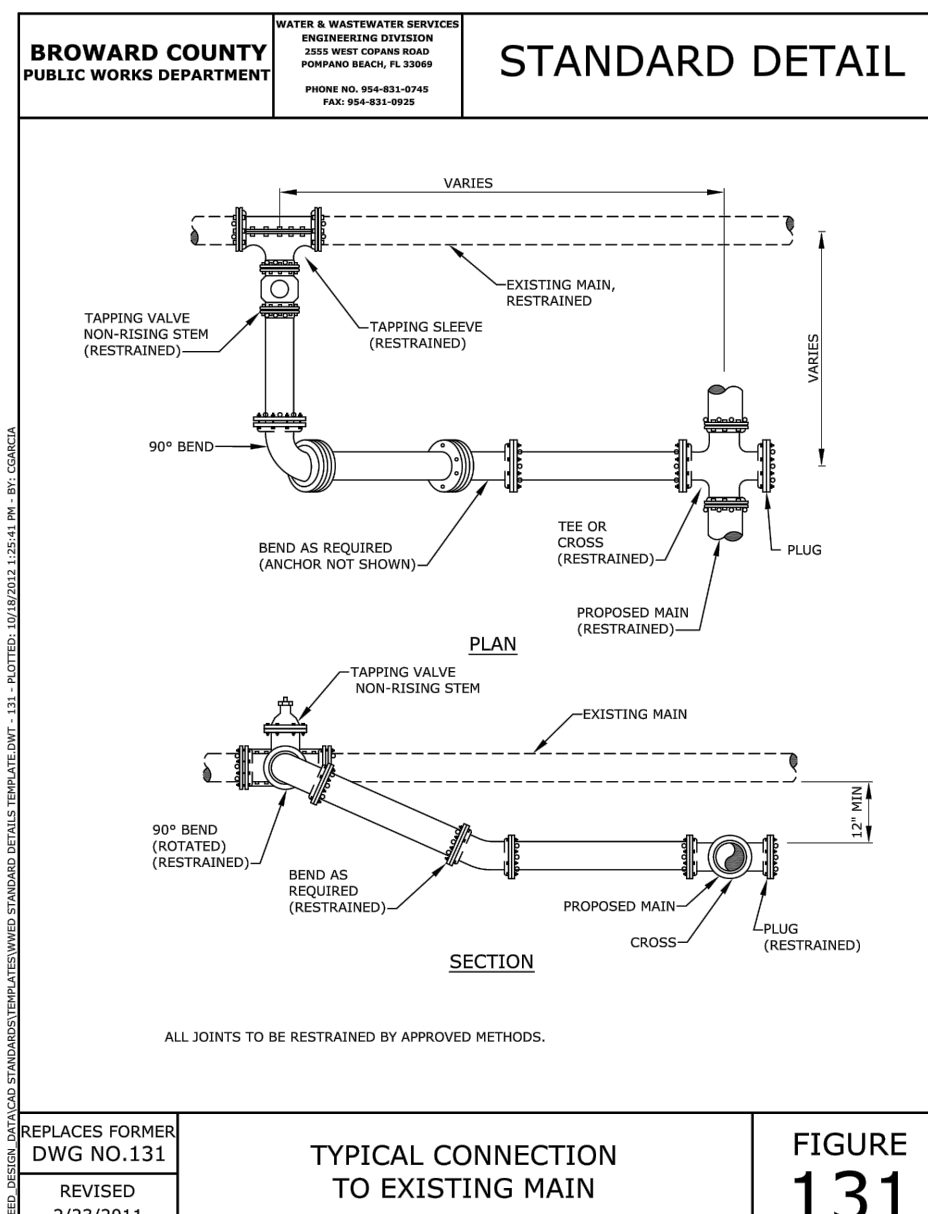
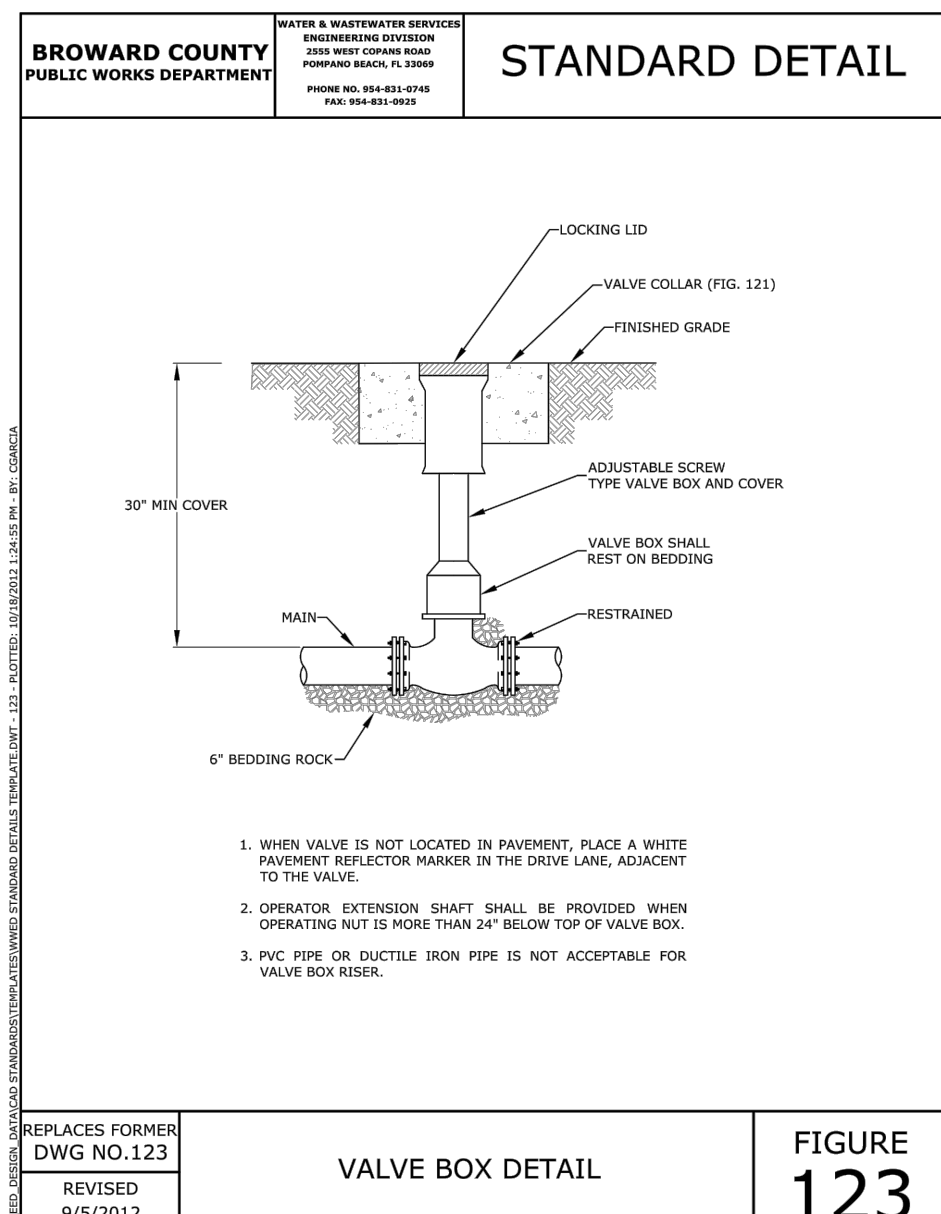
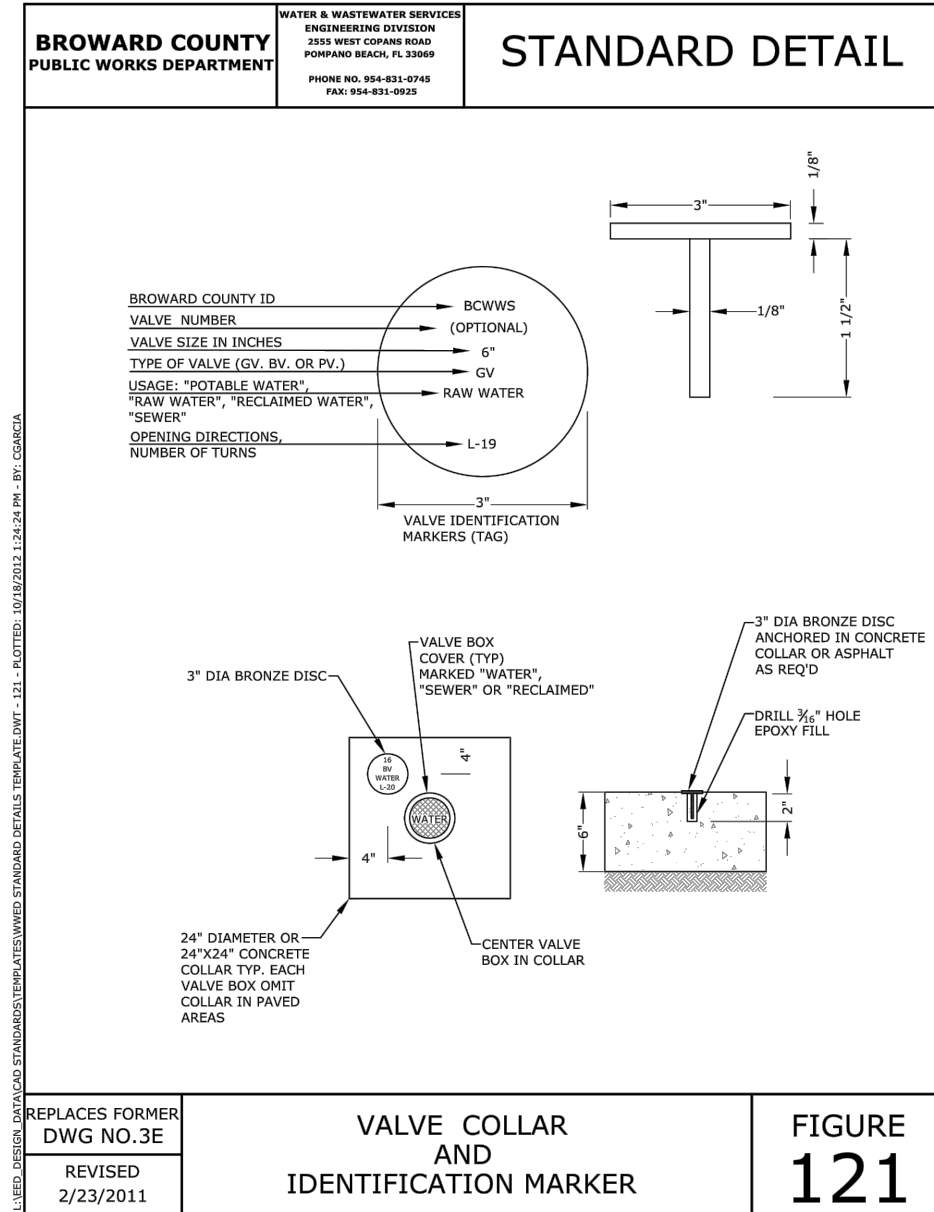
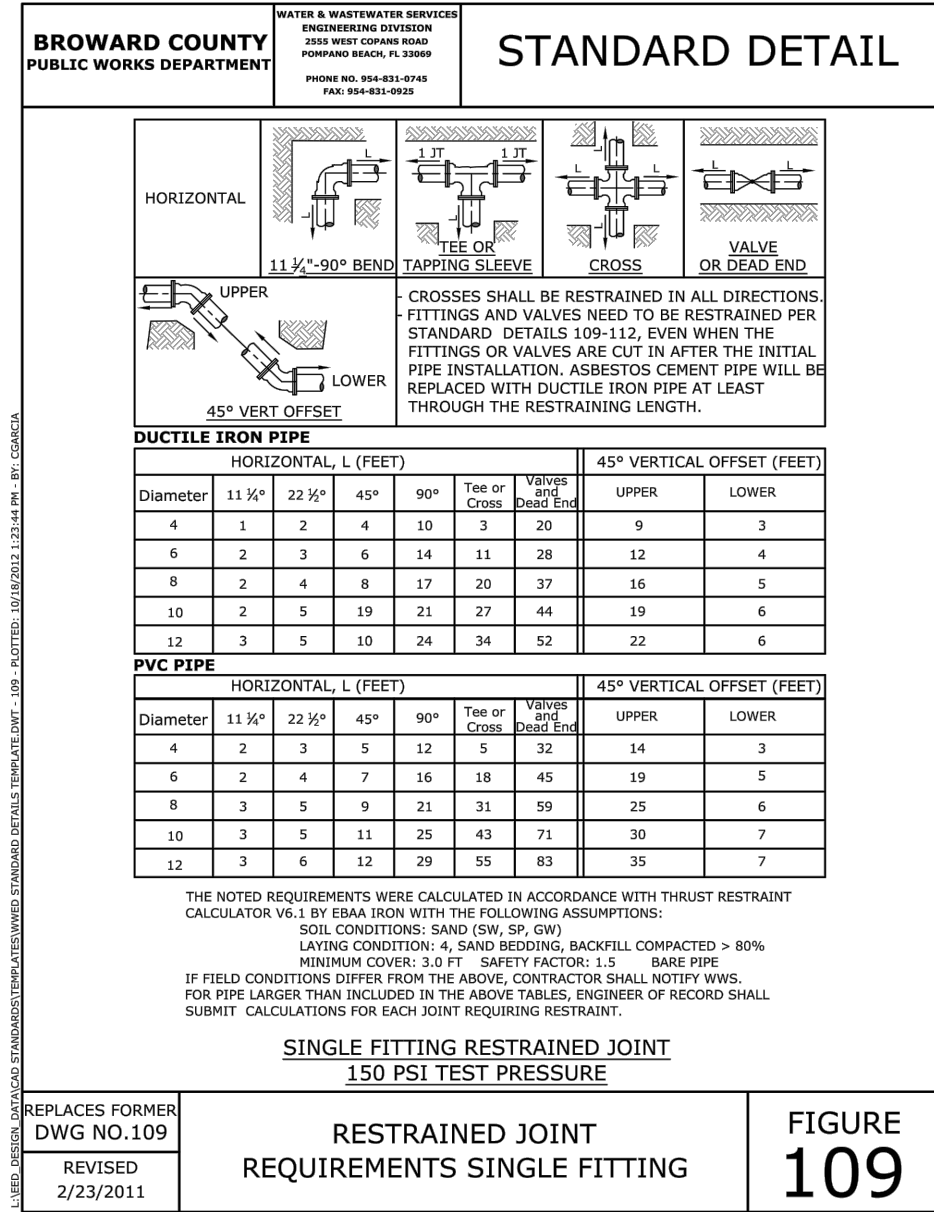
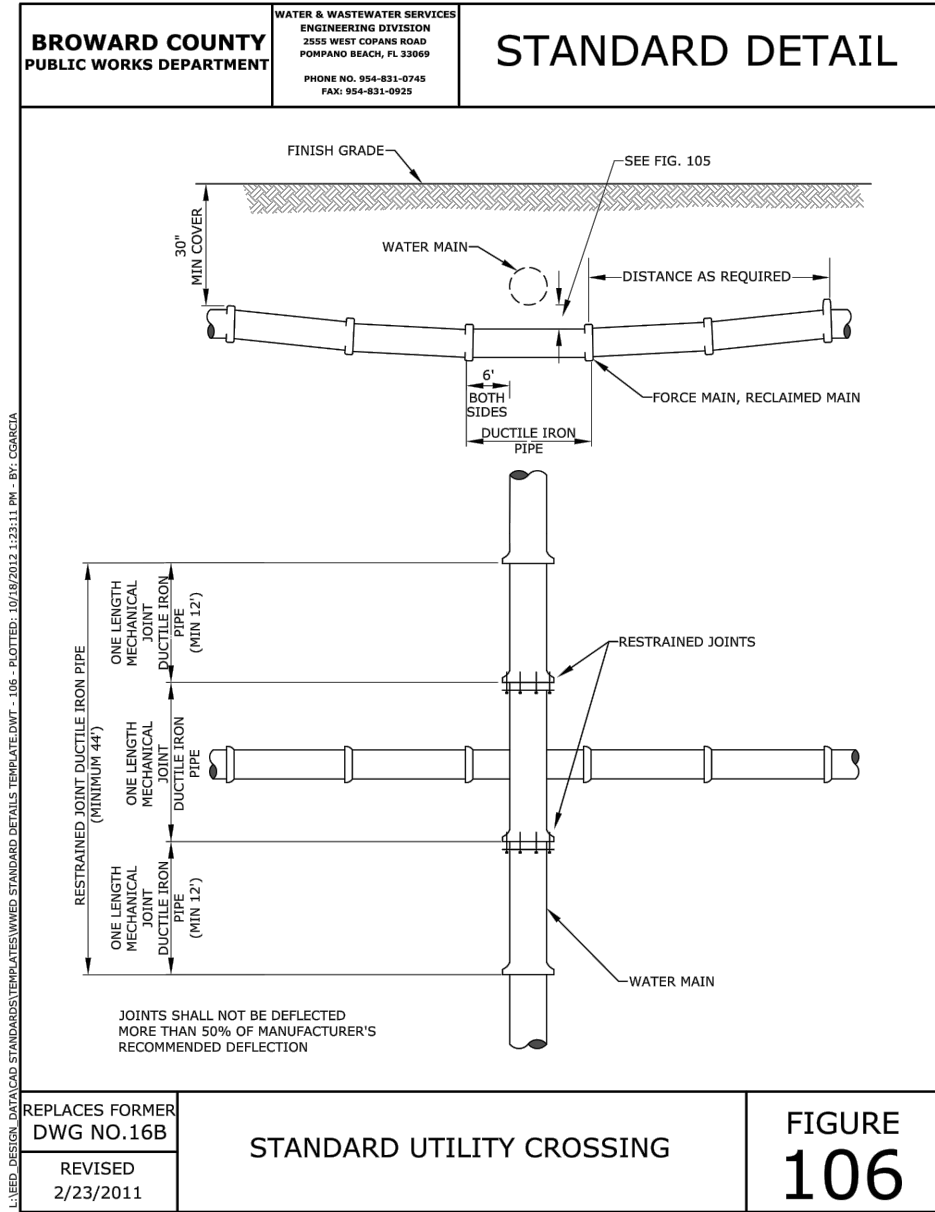
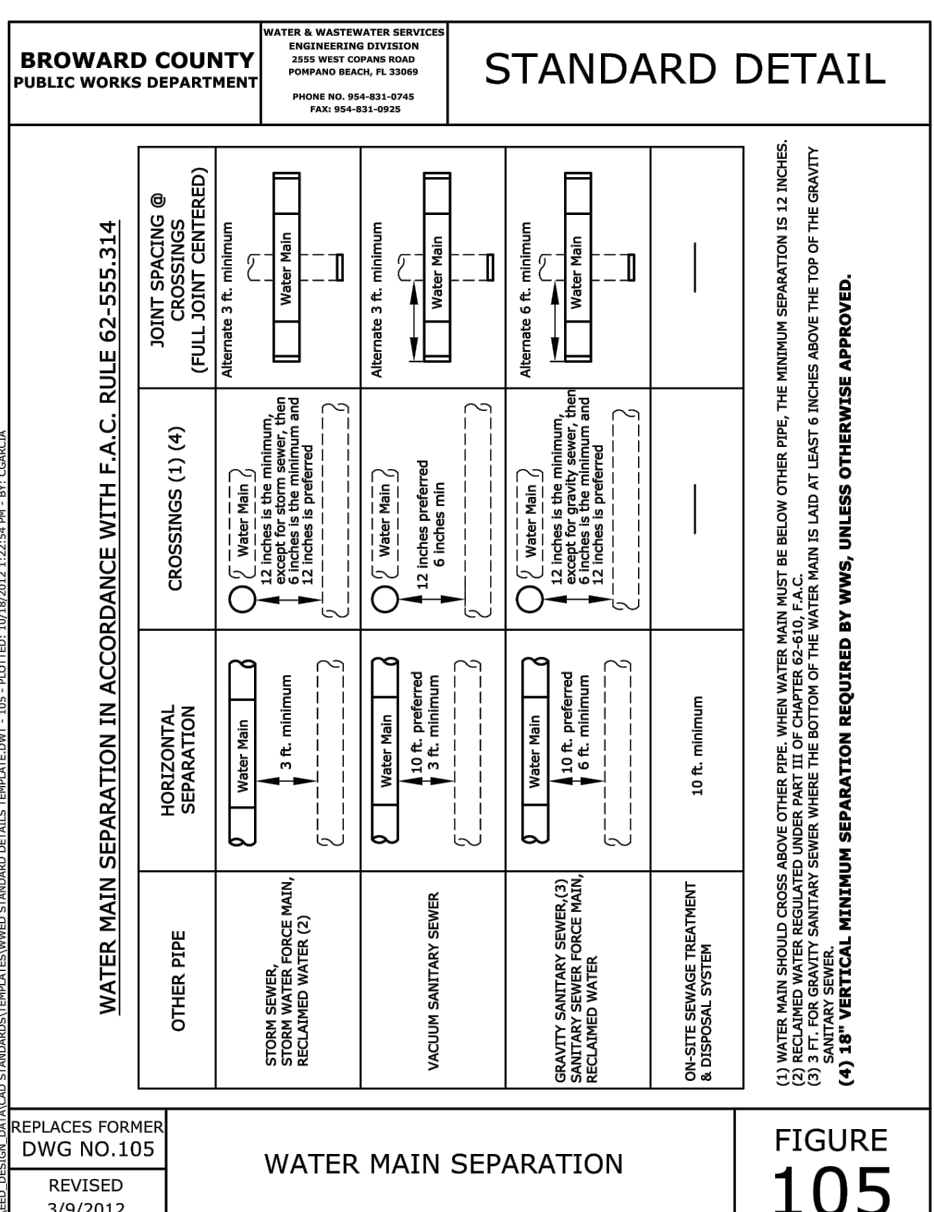
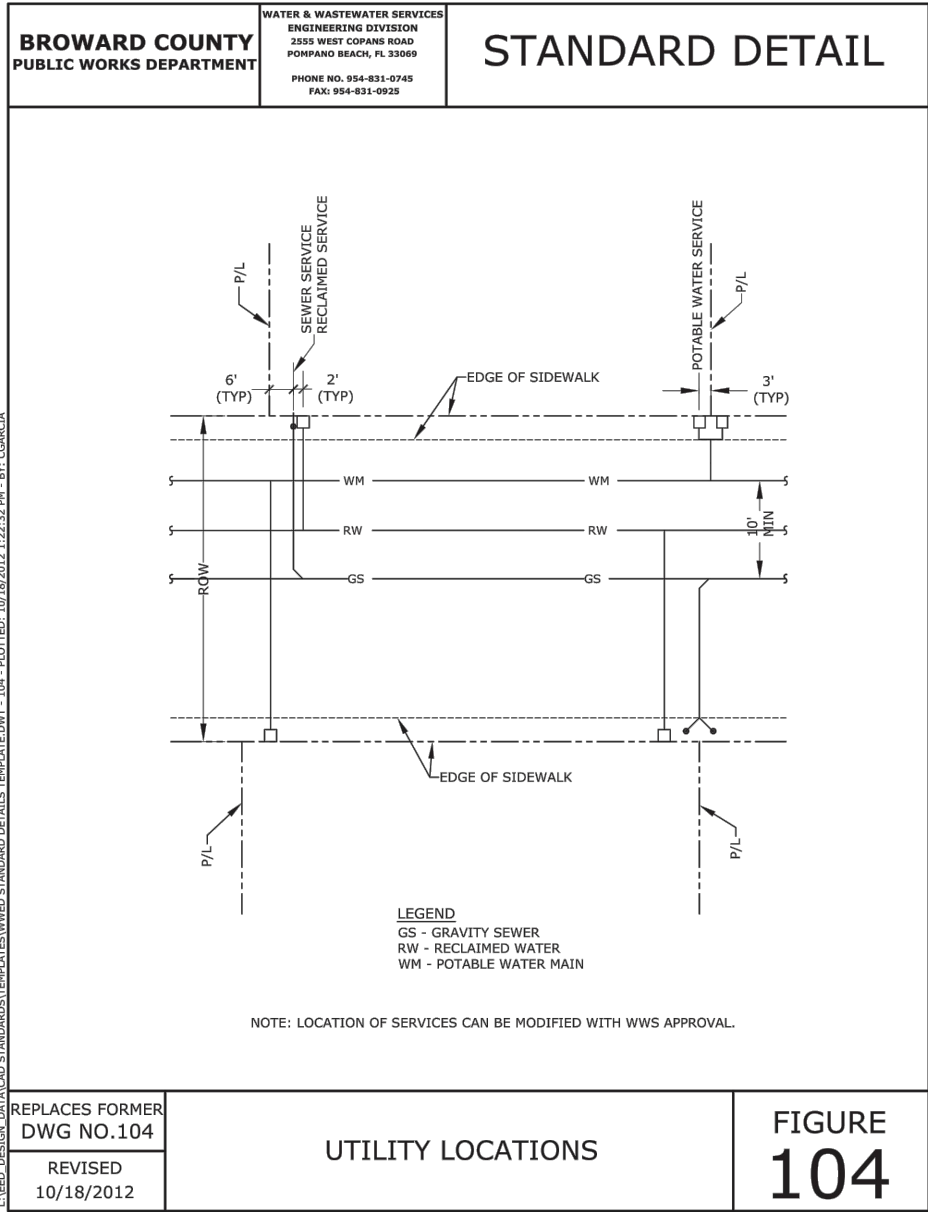
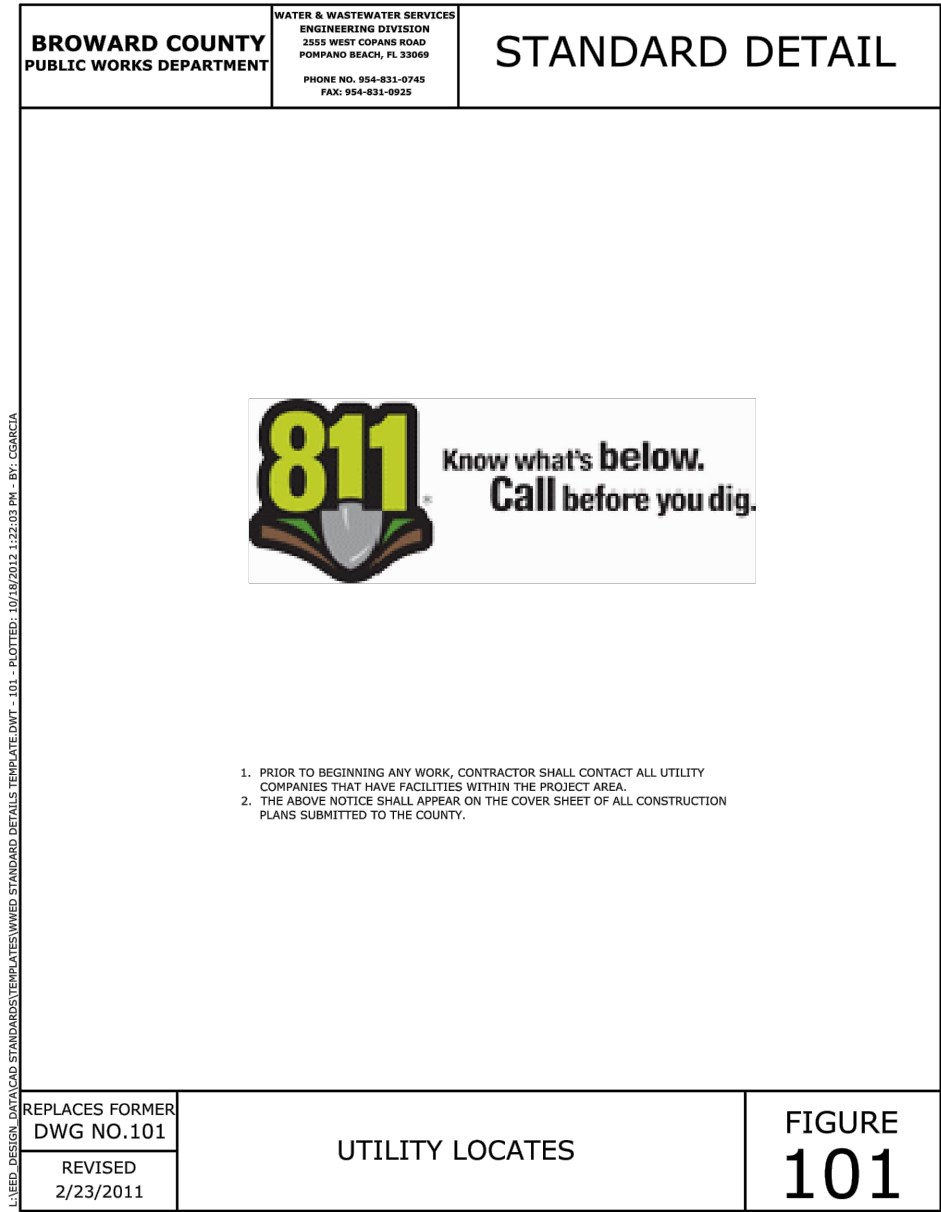
SEAL

Scale: NTS	Date: 02/21/17
Job No. 16-1340.00	Plot Date: 5/22/17
Drawn by: DRS	Sheet No. C4
Proj. Mgr. DRS	
Appr. by: DRS	4 of 6



VALVE SCHEDULE				
NUMBER	MODEL	SIZE	TYPE	GPM
1	Rain Bird PEB	1-1/2"	Turf Spray	23.18
2	Rain Bird PEB	1-1/2"	Shrub Spray	33.57
3	Rain Bird PEB	1-1/2"	Shrub Spray	15.73
4	Rain Bird PEB	1-1/2"	Shrub Spray	35.42
5	Rain Bird PEB	1-1/2"	Turf Rotor	25.36
6	Rain Bird PEB	1-1/2"	Shrub Spray	33.16
7	Rain Bird PEB	1-1/2"	Shrub Spray	21.97
8	Rain Bird PEB	1-1/2"	Shrub Spray	26.21
9	Rain Bird PEB	1-1/2"	Shrub Spray	26.86

IR-500



Drawing name: F:\2016 Jobs\16-1340.00 Dania CSCO\16-1340.00 SPEC.dwg
May 22, 2017 4:28pm

I. GENERAL NOTES

A. APPLICABLE CODES

1. ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF THE CITY, COUNTY AND STATE.
2. CONSTRUCTION SAFETY - ALL CONSTRUCTION SHALL BE DONE IN A SAFE MANNER. THE RULES AND REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE STRICTLY OBSERVED.
3. THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH CHAPTER 90-96 OF THE LAWS OF FLORIDA (THE TRENCH SAFETY ACT) AND OSHA STANDARD 29 C.F.R. SECTION 1926.650 SUBPART P. THE CONTRACTOR SHALL SUBMIT WITH HIS CONTRACT A COMPLETED, SIGNED, AND NOTIFIED COPY OF THE TRENCH SAFETY ACT COMPLIANCE STATEMENT. THE CONTRACTOR SHALL ALSO SUBMIT A SEPARATE COST ITEM IDENTIFYING THE COST OF COMPLIANCE WITH THE APPLICABLE TRENCH SAFETY CODES.
4. NO CONSTRUCTION MAY COMMENCE UNTIL THE APPROPRIATE PERMITS HAVE BEEN OBTAINED FROM ALL LOCAL, STATE AND FEDERAL AGENCIES.

B. PRECONSTRUCTION RESPONSIBILITIES

1. UPON RECEIPT OF NOTICE OF AWARD, THE CONTRACTOR SHALL ARRANGE A PRECONSTRUCTION CONFERENCE TO INCLUDE ALL INVOLVED GOVERNMENTAL AGENCIES, ALL AFFECTED UTILITY OWNERS, THE OWNER, THE ENGINEER AND HIMSELF.
2. THE CONTRACTOR SHALL OBTAIN AN SUNSHINE STATE ONE CALL OF FLORIDA CERTIFICATION NUMBER AT LEAST 48 HOURS PRIOR TO PRIOR TO BEGINNING ANY EXCAVATION.
3. PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE SIZE, LOCATION AND MATERIALS OF ALL EXISTING UTILITIES WITHIN THE AREA OF CONSTRUCTION.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO ANY EXISTING UTILITIES FOR WHICH HE FAILS TO REDUCET LOCATIONS FROM THE UTILITY OWNER. HE IS RESPONSIBLE AS WELL FOR DAMAGE TO ANY EXISTING UTILITIES WHICH ARE PROPERLY LOCATED.
5. IF UPON EXCAVATION, AN EXISTING UTILITY IS FOUND TO BE IN CONFLICT WITH THE PROPOSED CONSTRUCTION OR TO BE OF A SIZE OR MATERIAL DIFFERENT FROM THAT SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.

C. INSPECTIONS

1. THE OWNER, ENGINEER, AND LOCAL PERMITTING AGENCIES MAY MAKE INSPECTIONS OF THE WORK AT ANY TIME. THE CONTRACTOR SHALL COOPERATE FULLY WITH ALL INSPECTIONS.

D. SHOP DRAWINGS

1. THE CONTRACTOR SHALL SUBMIT (5) FIVE SETS OF SHOP DRAWINGS FOR APPROVAL TO THE ENGINEER PRIOR TO FABRICATION OR CONSTRUCTION FOR ALL MATERIALS USED ON THE PROJECT. APPROVED SHOP DRAWINGS FROM THE ENGINEER SHALL THEN BE SUBMITTED BY THE CONTRACTOR TO THE COUNTY OR CITY FOR APPROVAL. NO CONSTRUCTION SHALL COMMENCE UNTIL THE APPROVED SHOP DRAWINGS HAVE BEEN OBTAINED BY THE CONTRACTOR FROM THE ENGINEER, CITY, AND/OR COUNTY.
2. INDIVIDUAL SHOP DRAWINGS FOR ALL PRECAST STRUCTURES ARE REQUIRED. CATALOG LITERATURE WILL NOT BE ACCEPTED FOR PRECAST STRUCTURES.

E. TEMPORARY FACILITIES

1. TEMPORARY UTILITIES - IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR OR SUPPLY TEMPORARY WATER SERVICE, SANITARY FACILITIES AND ELECTRICITY TO HIS EMPLOYEES AND SUBCONTRACTORS FOR THEIR USE DURING CONSTRUCTION.
2. TRAFFIC REGULATION - MAINTENANCE OF TRAFFIC IN THE PUBLIC RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE MUTCD AND THE FDOT STANDARD SPECIFICATIONS.
3. 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. NO HOLES SHALL BE LEFT OPEN OVERNIGHT.

3. 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. NO HOLES SHALL BE LEFT OPEN OVERNIGHT.

F. PROJECT SITE

1. DURING CONSTRUCTION THE PROJECT SITE AND ALL ADJACENT AREAS SHALL BE MAINTAINED IN A NEAT, PLEASANT MANNER. UPON FINAL CLEAN UP, THE PROJECT SITE SHALL BE LEFT CLEAR OF ALL SURPLUS MATERIAL OR TRASH. THE PAVED AREAS SHALL BE SWEEPED BROOM CLEAN.
2. THE CONTRACTOR SHALL RESTORE OR REPLACE, WHEN AND AS DIRECTED BY THE ENGINEER ANY PUBLIC OR PRIVATE PROPERTY DAMAGED BY HIS WORK, EQUIPMENT, EMPLOYEES OR THOSE OF HIS SUBCONTRACTORS TO A CONDITION AT LEAST EQUAL TO THAT EXISTING IMMEDIATELY PRIOR TO THE BEGINNING OF OPERATIONS. TO THIS END, THE CONTRACTOR SHALL DO AS REQUIRED ALL NECESSARY HIGHWAY OR DRIVEWAY, 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 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 PROGRESS OF THE WORK, AND THE AREA KEPT IN A CLEAN AND NEAT CONDITION.

G. PROJECT RECORD DOCUMENTS

1. THE CONTRACTOR SHALL MAINTAIN ACCURATE AND COMPLETE RECORDS OF WORK ITEMS COMPLETED, INFORMATION RELATIVE TO MANHOLES, VALVES, SERVICES, FITTINGS, LENGTH OF PIPE, INVERT ELEVATIONS, FINISHED GRADE ELEVATIONS AND THE LIKE, WHICH SHALL BE ACCURATELY RECORDED BY THE CONTRACTOR. TOP ELEVATIONS @ 100' O.C.
2. PRIOR TO THE PLACEMENT OF ANY ASPHALT OR CONCRETE PAVEMENT, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD "AS-BUILT" PLANS SHOWING LIMEROCK BASE GRADES, ALL DRAINAGE, WATER, AND SEWER IMPROVEMENTS. PAVING OPERATIONS SHALL NOT COMMENCE UNTIL THE ENGINEER HAS REVIEWED THE "AS-BUILTS" AND THE ENGINEER HAS APPROVED PAVING TO COMMENCE.
3. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR SUBGRADE SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING LIMEROCK BASE MATERIAL.
4. ALL REQUIRED DENSITY AND LBR TEST RESULTS FOR LIMEROCK SHALL BE PROVIDED TO THE ENGINEER PRIOR TO PLACING ASPHALT.
5. ALL "AS-BUILT" INFORMATION SUBMITTED TO THE ENGINEER SHALL BE SUFFICIENTLY ACCURATE, CLEAR AND LEGIBLE TO SATISFY THE ENGINEER AND ANY APPLICABLE REVIEWING AGENCY THAT THE INFORMATION PROVIDES A TRUE REPRESENTATION OF THE IMPROVEMENTS CONSTRUCTED.
6. UPON COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER OF RECORD FIVE COMPLETE SETS OF "AS-BUILT" CONSTRUCTION DRAWINGS (PRINTS) AND ONE MYLAR ORIGINAL. THESE DRAWINGS SHALL BE MARKED TO SHOW "AS-BUILT" CONSTRUCTION CHANGES AND DIMENSIONED LOCATIONS AND ELEVATIONS OF ALL IMPROVEMENTS AND SHALL BE SIGNED BY THE CONTRACTOR.
7. ALL "AS-BUILT" INFORMATION ON ELEVATIONS OF PAVING, DRAINAGE, WATER, AND SEWER SHALL BE CERTIFIED BY A REGISTERED LAND SURVEYOR.
8. ALL AS-BUILT INFORMATION MUST BE PROVIDED IN AUTOCAD® RELEASE 2000 OR LATER FORMAT.

H. EARTHWORK

1. NONE OF THE EXISTING MATERIAL IS TO BE INCORPORATED IN THE LIMEROCK BASE.
2. ALL SUBGRADE UNDER PAVED AREAS SHALL HAVE A MINIMUM LBR VALUE OF 40 AND SHALL BE COMPACTED TO 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.
3. ALL FILL MATERIAL IN AREAS NOT TO BE PAVED SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
4. ALL ORGANIC AND OTHER UNSUITABLE MATERIAL WITHIN WORK LIMITS AND SWALE AREAS SHALL BE REMOVED.

I. PAVING

1. TESTING - REQUIRED, ASPHALT AND LIMEROCK TESTS SHALL BE TAKEN AT THE DIRECTION OF THE ENGINEER OR THE LOCAL GOVERNMENT AGENCY.

J. GENERAL UTILITY NOTES

1. THE LOCATION AND SIZE OF ALL EXISTING UTILITIES AND TOPOGRAPHY HAS BEEN PREPARED FROM THE MOST RELIABLE INFORMATION AVAILABLE TO THE ENGINEER. THIS INFORMATION IS NOT GUARANTEED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION (VERTICAL & HORIZONTAL) OF ANY EXISTING UTILITIES AND TOPOGRAPHY PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL VERIFY ALL UTILITIES, BY ELECTRONIC METHODS AND BY HAND EXCAVATION IN COORDINATION WITH ALL UTILITY COMPANIES. PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS, ANY AND ALL CONFLICTS OR DISCREPANCIES OF EXISTING UTILITIES WITH PROPOSED IMPROVEMENTS OF CONSTRUCTION DRAWINGS SHALL BE RESOLVED BY THE ENGINEER PRIOR TO BEGINNING ANY CONSTRUCTION OPERATIONS. THIS WORK BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITIES SHOWN OR FOR ANY EXISTING UTILITIES NOT SHOWN.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES IF APPLICABLE: FLORIDA POWER AND LIGHT COMPANY/SOUTHERN BELL-LOCAL GAS COMPANY-LOCAL WATER AND SEWER UTILITY COMPANIES--LOCAL CABLE TELEVISION COMPANIES--LOCAL CITY ENGINEERING AND PLANNING DEPARTMENT OF TRANSPORTATION-SUNSHINE STATE ONE CALL OF FLORIDA--LOCAL CITY ENGINEERING AND PLANNING DEPARTMENT OF TRANSPORTATION-FOR STREET EXCAVATION OR CLOSING TRAFFIC SARGENT-FIRE DISPATCH--
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RESTORATION OF EXISTING PAVEMENT, PIPES, CONDUITS, CABLES, ETC., AND LANDSCAPED AREAS DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS AND/OR THOSE OF HIS SUBCONTRACTORS, AND SHALL RESTORE THEM PROMPTLY. THIS REPAIR SHALL BE DONE AT NO EXPENSE TO THE OWNER OF THE DAMAGED UTILITY OR PROPERTY.
4. COORDINATE CONSTRUCTION SCHEDULING FOR CONNECTION TO THE EXISTING WATER AND SEWER LINES WITH BROWARD COUNTY WWS.
5. ALL PAVEMENT RESTORATION TO BE MADE IN ACCORDANCE WITH THE CITY OF DANIA BEACH, FLORIDA D.O.T. STANDARD SPECIFICATIONS, WHERE APPLICABLE.
6. PRIOR TO FINAL ACCEPTANCE, THE CONTRACTOR SHALL SUPPLY THE ENGINEER OF RECORD WITH THE CERTIFICATION THAT ALL CONSTRUCTION AND MATERIALS MEET OR EXCEEDS THE DESIGN AND HAVE BEEN INSTALLED PER THE DRAWINGS AND/OR AS-BUILT DRAWINGS.
7. THE CONTRACTOR SHALL COORDINATE THE WORK WITH OTHER CONTRACTORS IN THE AREA AND ANY OTHER UNDERGROUND CONDUIT REQUIRED FOR FP&L, AT&T, IRRIGATION SYSTEM, ETC., PRIOR TO BEGINNING SUBGRADE CONSTRUCTION. THE CONTRACTOR SHALL RELOCATE ALL EXISTING UTILITIES WITH APPLICABLE UTILITY COMPANIES.
8. NO TRENCHES OR HOLES NEAR WALKWAYS, IN ROADWAYS OR THEIR SHOULDERS ARE TO BE LEFT OPEN OVERNIGHT WITHOUT WRITTEN PERMISSION OF THE CITY OR BROWARD COUNTY.
9. THE CONTRACTOR MUST NOTIFY FLYNN ENGINEERING SERVICES, P.A. PRIOR TO STARTING EACH PHASE OF ANY UNDERGROUND UTILITY WORK OR PAVING AND GRADING OPERATIONS SO THAT THE PROPER INSPECTIONS MAY BE SCHEDULED.

K. SURVEY INFORMATION

1. SURVEY DATA - ALL ELEVATIONS ON THE PLANS OR REFERENCED IN THE SPECIFICATIONS ARE BASED ON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
2. SURVEY INFORMATION BASED ON SURVEY BY COUSINS LAND SURVEYING, INC, DATED 01/17/17, PROJECT 8228-16.

I. CONSTRUCTION SPECIFICATIONS

A. GENERAL

1. IT IS THE INTENT OF THESE SPECIFICATIONS TO DESCRIBE THE MINIMUM ACCEPTABLE TECHNICAL REQUIREMENTS FOR THE MATERIALS AND WORKMANSHIP FOR CONSTRUCTION OF SITE IMPROVEMENTS FOR THIS PROJECT. SUCH IMPROVEMENTS SHALL BE DETERMINED BY THE ENGINEER, BUT NOT TO BE LIMITED TO, CLEARING, GRADING, PAVING, REMOVAL OF EXISTING PAVEMENT, AND STORM DRAINAGE.
2. IT IS THE INTENT THAT THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" DATED 2007 TOGETHER WITH ALL SUPPLEMENTAL SPECIFICATIONS TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" BE USED WHERE APPLICABLE FOR THE VARIOUS WORK AND THAT WHERE SUCH WORDING THEREIN REFERS TO THE STATE OF FLORIDA AND ITS DEPARTMENT OF TRANSPORTATION AND PERSONNEL, SUCH WORDING IS INTENDED TO BE REPLACED WITH THE WORDING WHICH WOULD PROVIDE PROPER TERMINOLOGY, THEREBY MAKING SUCH "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" AS THE "STANDARD SPECIFICATIONS" FOR THIS PROJECT. IF WITHIN A PARTICULAR SECTION, ANOTHER SECTION, ARTICLE OR PARAGRAPH IS REFERRED TO, IT SHALL BE PART OF THE STANDARD SPECIFICATIONS. ALSO, THE CONTRACTOR SHALL ABIDE BY ALL LOCAL AND STATE LAWS, REGULATIONS AND BUILDING CODES WHICH HAVE JURISDICTION IN THE AREA.
3. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS AND EQUIPMENT AND PERFORM ALL OPERATIONS REQUIRED TO COMPLETE THE CONSTRUCTION OF A PAVING, DRAINAGE, WATER AND SEWER SYSTEM AS SHOWN ON THE PLANS, SPECIFIED HEREIN, OR BOTH. IT IS THE INTENT TO PROVIDE A COMPLETE AND OPERATING FACILITY IN ACCORDANCE WITH THESE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MATERIAL AND EQUIPMENT SHOWN OR SPECIFIED SHALL NOT BE TAKEN TO EXCLUDE ANY OTHER INCIDENTALS NECESSARY TO COMPLETE THE WORK.
4. ALL LABOR, MATERIALS, AND METHODS OF CONSTRUCTION SHALL BE IN STRICT ACCORDANCE WITH THE PLANS AND CONSTRUCTION SPECIFICATIONS AND THE MINIMUM ENGINEERING AND CONSTRUCTION STANDARDS ADOPTED BY THE UNIT OF GOVERNMENT WHICH HAS JURISDICTION AND RESPONSIBILITY FOR THE DESIGN OR CONSTRUCTION. IF CONFLICTS OR OMISSIONS EXIST, THE JURISDICTIONAL GOVERNMENT ENGINEERING DEPARTMENT'S STANDARDS SHALL GOVERN.
5. GUARANTEE - ALL MATERIALS AND EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR UNDER THIS CONTRACT, SHALL BE GUARANTEED FOR A PERIOD OF (1) ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE THEREOF, AGAINST DEFECTIVE MATERIALS, DESIGN AND WORKMANSHIP. UPON RECEIPT OF NOTICE FROM THE OWNER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EQUIPMENT OR MATERIALS, DURING THE GUARANTEE PERIOD, THE AFFECTED PART OR MATERIALS SHALL BE REPLACED PROMPTLY WITH NEW PARTS OR MATERIALS BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER. IN THE EVENT THE CONTRACTOR FAILS TO MAKE NECESSARY REPLACEMENT OR REPAIRS WITHIN (7) SEVEN DAYS AFTER NOTIFICATION BY THE OWNER, THE OWNER MAY ACCOMPLISH THE WORK AT THE EXPENSE OF THE CONTRACTOR.

B. EARTHWORK

1. ALL AREAS WITHIN THE LIMITS OF WORK SHALL BE CLEARED AND THOSE AREAS TO BE CONSTRUCTED SHALL BE FREE OF ALL COMPLETE REMOVAL AND DISPOSAL OF ALL TREES, BRUSH, STUMPS, ROOTS, GRASS, WEEDS, RUBBISH AND ALL OTHER OBSTRUCTIONS RESTING ON OR PROTRUDING THROUGH THE SURFACE OF THE EXISTING GROUND TO A DEPTH OF 1'- ITEMS DESIGNATED TO REMAIN OR TO BE RELOCATED OR TO BE ADJUSTED SHALL BE SO DESIGNATED ON THE DRAWINGS. ALL WORK SHALL BE IN ACCORDANCE WITH SECTION 110 OF THE STANDARD SPECIFICATIONS.
2. FILL MATERIAL SHALL BE CLASSIFIED AS A-1, A-3, OR A-2-4 IN ACCORDANCE WITH AASHTO M-145 AND SHALL BE FREE FROM VEGETATION AND ORGANIC MATERIAL. NOT MORE THAN 10% BY WEIGHT OF FILL MATERIAL SHALL PASS THE NO. 200 SIEVE.
3. ALL MATERIAL OF CONSTRUCTION SHALL BE SUBJECT TO INSPECTION AND TESTING TO ESTABLISH CONFORMANCE WITH THE SPECIFICATIONS AND SUITABLY FOR THE USES INTENDED. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AT LEAST 24 HOURS PRIOR TO THE TIME HE WILL BE READY FOR AN INSPECTION OR TEST. THE CONTRACTOR SHALL FOLLOW CITY AND COUNTY INSPECTION PROCEDURES. THE CONTRACTOR SHALL NOT PROCEED WITH ANY PHASE OF WORK DEPENDENT ON AN INSPECTION OR TEST OF AN EARLIER PHASE OF WORK, PRIOR TO THAT TEST OR INSPECTION PASSING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING CERTIFIED MATERIAL INCLUST RESULTS TO THE ENGINEER OF RECORD PRIOR TO THE RELEASE OF FINAL CERTIFICATION BY THE ENGINEER. TEST RESULTS MUST INCLUDE, BUT MAY NOT BE LIMITED TO, DENSITIES FOR SUBGRADE AND LIMEROCK, UTILITIES EXCAVATION, ASPHALT GRADATION REPORTS, CONCRETE CYLINDERS, ETC.
4. WHEN ENCOUNTERED, MUCK SHALL BE COMPLETELY REMOVED FROM THE CENTER LINE (C/L) TEN FEET BEYOND THE EDGE OF PAVEMENT. EACH SIDE OF THE MUCK SHALL BE REPLACED BY APPROVED GRANULAR FILL, COMPACTED TO 98% OF MAXIMUM DENSITY (AASHTO T-180).
5. WHEN ENCOUNTERED WITHIN DRAINAGE SWALES, HARDPAN OR MUCK SHALL BE REMOVED FOR A WIDTH OF (5) FIVE FEET AT THE INVERT AND REPLACED WITH GRANULAR MATERIALS.
6. ALL UNDERGROUND UTILITIES AND DRAINAGE INSTALLATIONS SHALL BE IN PLACE BEFORE SUBGRADE COMPACTION AND PAVEMENT CONSTRUCTION.
7. GROUND ADJACENT TO ROADWAY/PAVEMENT HAVING RUNOFF SHALL BE GRADED (2) TWO INCHES LOWER THAN THE EDGE OF PAVEMENT TO ALLOW FOR THE PLACEMENT OF SDD.
8. SITE GRADING ELEVATIONS SHALL BE WITHIN 0.1' OF THE REQUIRED ELEVATION AND ALL AREAS SHALL BE GRADED TO DRAIN WITHOUT POONDS.
9. THE CONTRACTOR SHALL PERFORM ALL EXCAVATION, FILL, EMBANKMENT AND GRADING TO ACHIEVE THE PROPOSED PLAN GRADES INCLUDING TYPICAL ROAD SECTIONS, SIDE SLOPES AND CANAL SECTIONS. ALL WORK SHALL BE IN ACCORDANCE WITH SECTION 120 OF THE STANDARD SPECIFICATIONS. IF FILL MATERIAL IS REQUIRED IN EXCESS OF THAT GENERATED BY THE EXCAVATION, THE CONTRACTOR SHALL SUPPLY THIS MATERIAL AS REQUIRED FROM OFF-SITE.

C. DRAINAGE

1. INLETS - ALL INLETS SHALL BE THE TYPE DESIGNATED ON THE PLANS, AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FLORIDA D.O.T. SPECIFICATIONS, LATEST EDITION, SECTION 425. ALL INLETS AND PIPE SHALL BE PROTECTED DURING CONSTRUCTION TO PREVENT SILTATION IN THE DRAINAGE SYSTEMS BY WAY OF TEMPORARY PLUGS AND PLYWOOD OR PLASTIC COVERS OVER THE INLETS. THE ENTIRE DRAINAGE SYSTEM SHALL BE CLEARED OF ALL DEBRIS PRIOR TO FINAL ACCEPTANCE.
2. PIPE SPECIFICATIONS: THE MATERIAL TYPE IS SHOWN ON THE DRAWINGS BY ONE OF THE FOLLOWING DESIGNATIONS:
RCP = REINFORCED CONCRETE PIPE, ASTM DESIGNATION C-76, TABLE III, F.D.O.T., SECTION 941.
CMP = CORRUGATED METAL ALUMINUM PIPE, ASTM DESIGNATION M-196.
CMP (SMOOTH LINED) = CORRUGATED METAL ALUMINUM PIPE, (SMOOTH LINED) ASTM DESIGNATION M-196.
SCP = SLOTTED CONCRETE PIPE, F.D.O.T. SECTIONS 941 AND 942.
PVC = POLYVINYL CHLORIDE PIPE, PUMP PERFORATED CMP, F.D.O.T. SECTION 945.
3. PIPE BACKFILL REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADWAYS AND PARKING AREAS SHALL BE IN ACCORDANCE WITH THE D.O.T. SPECIFICATIONS, LATEST EDITION, SECTION 125-B. PIPELINE BACKFILL SHALL BE PLACED IN 6 INCH LIFTS AND COMPACTED TO 100% OF THE STANDARD PROCTOR (AASHTO T-99 SPECIFICATIONS).
4. LOCATION OF DRAINAGE STRUCTURES SHALL GOVERN, AND PIPE LENGTH MAY HAVE TO BE ADJUSTED TO ACCOMPLISH CONSTRUCTION AS SHOWN ON THESE PLANS.
5. PLASTIC FILTER FABRIC SHALL BE MIRAFI, TYPAR OR EQUAL CONFORMING TO SECTION 985 OF THE F.D.O.T. STANDARD SPECIFICATIONS.
6. ALL DRAINAGE LINES SHALL BE LAMPED PRIOR TO FINAL ACCEPTANCE.

D. PAVING

1. WHERE NEW ASPHALT MEETS EXISTING ASPHALT, THE EXISTING ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE PRIOR TO REMOVING CURB OR GUTTER, THE ADJACENT ASPHALT SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE.
2. INTERNAL ASPHALT PAVING CONSTRUCTED ON EXISTING SANDY SOILS SHALL BE CONSTRUCTED WITH A 12" SUBGRADE, COMPACTED TO A MINIMUM DENSITY OF 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99. THE COMPACTED SUBGRADE SHALL BE CONSTRUCTED IN THE LIMITS SHOWN ON THE PLANS. ALL SUBGRADE SHALL HAVE AN LBR OF 40 UNLESS OTHERWISE NOTED.
3. ASPHALTIC CONCRETE SURFACE COURSE SHALL BE CONSTRUCTED TO THE LIMITS SHOWN ON THE PLANS. THE SURFACE COURSE SHALL CONSIST OF THE THICKNESS AND TYPE ASPHALTIC CONCRETE AS SPECIFIED IN THE PLANS. ALL ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH SECTIONS 300, 330, 331, 332, 333, 337 AND 339 OF THE STANDARD SPECIFICATIONS.
4. LIMEROCK BASE SHALL BE PREPARED, COMPACTED AND GRADED AND SHALL BE IN ACCORDANCE WITH SECTION 200 OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION". ALL LIMEROCK SHALL BE COMPACTED TO 98% PER AASHTO T-180 AND HAVE NOT LESS THAN 70% OF CARBONATES OF CALCIUM AND MAGNESIUM UNLESS OTHERWISE SPECIFIED. THE CONTRACTOR SHALL BE PRIMED BY THE ENGINEER. SHALL INSPECT THE COMPLETED BASE COURSE, AND THE CONTRACTOR SHALL CORRECT ANY DEFICIENCIES AND CLEAN THE BASE COURSE PRIOR TO THE PLACEMENT OF THE PRIME COAT. A TACK COAT WILL ALSO BE REQUIRED IF THE ENGINEER FINDS THAT THE PRIME BASE HAS BECOME EXCESSIVELY DIRTY OR THE PRIME COAT HAS CURED TO THE EXTENT OF LOSING ITS BOUNDING EFFECT PRIOR TO PLACEMENT OF THE ASPHALTIC CONCRETE SURFACE COURSE. THE PRIME AND TACK COATS SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE STANDARD SPECIFICATIONS.
5. LIMEROCK BASE MATERIAL SHALL BE PLACED IN MAXIMUM 6" LIFTS, BASES GREATER THAN 6" SHALL BE PLACED IN TWO EQUAL LIFTS.
6. ASPHALT EDGES THAT ARE NOT CURBED SHALL BE SAWCUT TO PROVIDE A STRAIGHT EVEN LINE TO THE DIMENSIONS SHOWN ON THE HORIZONTAL CONTROL PLAN.

E. CONSTRUCTION

1. CONCRETE SIDEWALK SHALL BE 4" THICK ON COMPACTED SUBGRADE, WITH 1/2" JOINT SPANION JOINTS PLACED AT A MAXIMUM OF 75' CRACK CONTROL JOINTS SHALL BE 5' ON CENTER. THE BACK OF SIDEWALK ELEVATION SHALL BE 3" HIGHER THAN THE EDGE OF PAVEMENT UNLESS OTHERWISE SPECIFIED BY THE CODES. OR SHOWN ON THE DRAWINGS. ALL CONCRETE SIDEWALKS THAT CROSS DRIVEWAYS SHALL BE 6" THICK AND HAVE A MINIMUM OF 3000 P.S.I. CONCRETE.
2. CONCRETE CURB SHALL BE CONSTRUCTED TO THE LIMITS SHOWN ON THE DRAWINGS. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 P.S.I. AT 28 DAYS AND SHALL BE IN ACCORDANCE WITH SECTION 345 OF THE STANDARD SPECIFICATIONS.

F. SIGNAGE AND PAVEMENT MARKINGS

1. THE ROADS AND PARKING AREAS SHALL BE STRIPED IN ACCORDANCE WITH THE PLANS. NO STRIPING SHALL BE LESS THAN THE SPECIFIED WIDTH NOR SHALL IT EXCEED THE SPECIFIED WIDTH BY MORE THAN 1/2" INCH. STRIPING SHALL BE IN ACCORDANCE WITH SECTIONS 710 AND 971 OF THE STANDARD SPECIFICATIONS. ALL STRIPING WITHIN THE PUBLIC RIGHT-OF-WAY AND AT DRIVEWAY ACCESS POINTS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
2. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INSTALL AND MAINTAIN ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS FOR THE PURPOSE OF PROTECTING THE TRAVELING PUBLIC, HIS WORKMEN AND THE WORK AREA IN AND AROUND THE PROJECT. SUCH TRAFFIC CONTROL SHALL BE MAINTAINED FOR THE DURATION OF THE PROJECT PERIOD, INCLUDING ANY TEMPORARY SUSPENSIONS OF THE WORK. MAINTENANCE OF TRAFFIC SHALL BE IN ACCORDANCE WITH SECTION 100 OF THE STANDARD SPECIFICATIONS AND THE STATE OF FLORIDA, MANUAL OF TRAFFIC CONTROL AND SAFE PRACTICE FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS.
3. ALL PAVEMENT MARKINGS ON-SITE SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED.
4. ALL SIGNING AND MARKINGS SHALL CONFORM TO MUTCD AND BROWARD COUNTY TRAFFIC ENGINEERING STANDARDS (LATEST EDITION).

G. SEWER SYSTEM NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE BCWS MINIMUM STANDARDS AND APPLICABLE CODES.
2. THE CONTRACTOR SHALL FIELD VERIFY THE VERTICAL AND HORIZONTAL LOCATION OF EXISTING SEWER LINES, MANHOLES, AND STUBOUTS PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE FIELD INFORMATION DIFFERS FROM THAT SHOWN ON THE PLANS.
3. ALL GRAVITY SEWER PIPE 6" - 15" SHALL BE POLYVINYL CHLORIDE (PVC) ASTM 3034, SDR 26 (LATEST REV.).
4. MINIMUM SLOPE SHALL BE 0.4% FOR 8" PIPE AND 1% FOR 6" SERVICE LATERALS.
5. DUCTILE IRON SEWER PIPE FOR GRAVITY MAINS SHALL BE CLASS 350 POLYLINE WITH A MINIMUM OF 30' OF COVER WITH A GREEN STRIPE.
6. PVC LINES ENTERING OR LEAVING MANHOLES SHALL HAVE A NEDPREME BOOT WITH STAINLESS STEEL ACCESSORIES.
7. CONNECTIONS TO EXISTING MAINS SHALL BE MADE UNDER THE DIRECTION OF THE EDR AND BCWS.
8. CLEANDOUTS SHALL BE INSTALLED AT ALL SEWER SERVICES ENTERING OR LEAVING MANHOLES AND AT THE END OF THE PROPERTY LINE, EASEMENT LINE, OR 5' FROM A BUILDING. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE BUILDING CLEANDOUT (5' FROM THE BUILDING) WITH THE CITY ENGINEER OF THE SEWER SERVICE WITH THE BUILDING PLUMBING CONTRACTOR.
9. LIMITS OF INFILTRATION OR EXFILTRATION OR LEAKAGE FOR THE ENTIRE SYSTEM, INCLUDING SERVICE LINES, SHALL NOT EXCEED A RATE OF 0.1 GALLONS PER FOOT PER 24 HOURS FOR ALL SIZES OF PIPE THROUGHOUT THE SYSTEM. THE ALLOWABLE LIMITS OF INFILTRATION OR EXFILTRATION OF MANHOLES SHALL NOT EXCEED A RATE OF 4 GALLONS PER MANHOLE PER 24 HOURS.
10. ALL SEWER MAINS AND SERVICES, UP TO AND INCLUDING THE END OF THE SERVICE, SHALL BE CONSTRUCTED WITHIN A MINIMUM OF A 15' UTILITY EASEMENT, UNLESS OTHERWISE SHOWN.
11. THE ENTIRE SYSTEM SHALL BE CLEARED PRIOR TO LAMPING OF THE SEWER. 12" SANITARY SEWER SHALL BE CLEARED TO A MINIMUM OF 160 PSI. EXPENSE, ALL DEFICIENCIES OBSERVED ON THE VIDEO TAPES SHALL BE CORRECTED PRIOR TO CERTIFICATION TO ANY AGENCY.
12. PROVIDE ORANGE RPM # CENTERLINE OF ROAD OF NEAREST DRIVING LANE FOR MANHOLES LOCATED IN GREEN AREAS.

H. WATER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH BCWS MINIMUM STANDARDS AND APPLICABLE CODES.
2. PRIVATE POTABLE WATER PIPE 4" AND LARGER SHALL BE POLYVINYL CHLORIDE (PVC) PRESSURE PIPE CONFORMING TO AWWA C-900/CALSTEEL 100 OR DUCTILE IRON CONFORMING TO THE REQUIREMENTS OF ANSI/AWWA C-151/A21.51 (LATEST REV.) AND LINED AND COATED PER ANSI/AWWA C-104/A21.4 (LATEST REV.). ALL PUBLIC POTABLE WATER PIPE 4" AND LARGER SHALL BE DUCTILE IRON. 24" DIP SHALL BE CLASS 350. MINIMUM DEPTH OF COVER IS 36" FOR PVC AND 30" FOR DIP. ALL PIPE TO HAVE 150 PSI MINIMUM PRESSURE RATING. FITTINGS 4" AND LARGER SHALL BE DUCTILE IRON MEETING ANSI/AWWA C-110/A21.1 (LATEST REV.). FITTINGS MUST BE CEMENT LINED AND SEAL COATED PER C-104/A21.4 (LATEST REV.) PRESSURE RATING OF ALL FITTINGS BE LOCATED AS FAR AWAY AS POSSIBLE FROM JOINTS WITHIN THE BCWS RIGHT-OF-WAY OR EASEMENT SHALL BE DUCTILE IRON PIPE CLASS 350. ALL FIRE MAINS SHALL BE DIP OR PVC C-900 (SDR-14) AND PRESSURE TESTED @ 200 PSI FOR 2 HRS.
3. ALL WATER PIPE SMALLER THAN 4 INCHES SHALL BE PVC MINIMUM SCHEDULE 80. ALL WATER MAINS SHALL BE DUCTILE IRON. ALL FITTINGS FOR PIPE SMALLER THAN 4" SHALL BE MINIMUM SCHEDULE 80. SOLVENT WELD SOCKET TYPE ASTM D-2464 OR MINIMUM SCHEDULE 80 THREADED TYPE ASTM D-2464.
4. THERE SHALL BE NO CONNECTION TO AN EXISTING WATER MAIN UNTIL PRESSURE AND BACTERIOLOGICAL TESTS HAVE BEEN RUN AND THE SYSTEM IS ACCEPTED BY BCWS AND THE EDR.
5. ALL CONNECTIONS TO EXISTING MAINS SHALL BE MADE UNDER THE DIRECTION OF THE ENGINEER OF RECORD AND BCWS.
6. WATER METERS 2" OR SMALLER SHALL BE INSTALLED BY BCWS. THE CONTRACTOR SHALL COORDINATE WITH BCWS AND PROVIDE THE PROPER FITTINGS NECESSARY TO INSTALL THE METERS. ALL COSTS ASSOCIATED WITH THE METER INSTALLATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
7. GATE VALVES, 4" OR LARGER, SHALL MEET AWWA C-509 OR CS15 (LATEST REV.) STANDARD. BUTTERFLY VALVES, 12" OR LARGER, SHALL MEET AWWA C-504 (LATEST REV.), CLASS 150B STANDARDS.
8. FIRE HYDRANTS SHALL BE TRAFFIC BREAK AWAY TYPE CONFORMING TO AWWA C-600 STANDARDS. FIRE HYDRANTS SHALL BE PER BCWS SPECIFICATIONS.
9. ALL TRENCHING, PIPE LAYING, BACKFILLING, PRESSURE TESTING, AND DISINFECTING MUST COMPLY WITH AWWA C-600-99 AND C-651-99 STANDARDS.
10. DEFLECT WATER MAINS AS NECESSARY TO AVOID ANY CONFLICTS WITH OTHER UTILITIES. ALLOWABLE DEFLECTION SHALL NOT EXCEED AWWA STANDARDS.
11. THE CONTRACTOR SHALL COORDINATE THE LOCATION AND ELEVATION OF THE ENDS OF THE WATER SERVICES WITH THE BUILDING PLUMBING CONTRACTOR.
12. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WATER MAINS AND PROPOSED CONNECTION POINTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF THE FIELD INFORMATION DIFFERS FROM THAT SHOWN ON THE PLANS.
13. ALL WATER MAINS TO BE FLUSHED VIA POLY PIG.
14. THE CONTRACTOR MUST ARRANGE AND PAY FOR ANY TEMPORARY WATER REQUIRED FOR CONSTRUCTION, CLEANING, TESTING, ETC..

I. TESTING

- A. ALL PIPE SHALL BE TESTED UNDER A CONSTANT PRESSURE OF 150 PSI @ 200 PSI FOR FIRE MAINS FOR A MINIMUM TEST PERIOD OF 2 HOURS AND SHALL NOT EXCEED THE LEAKAGE REQUIREMENTS AS PER ANSI/AWWA SPECIFICATIONS OF C-600/LATEST REV. LEAKAGE FORMULA:
$$L = \frac{SD \sqrt{P}}{148,000}$$

L = ALLOWABLE LEAKAGE IN GALLONS PER HOUR.
S = TOTAL LENGTH OF PIPE TESTED, FEET.
D = DIAMETER OF THE PIPE TESTED, INCHES.
P = AVERAGE TEST PRESSURE, PSI.
THE PRESSURE TEST SHALL BE WITNESSED BY A REPRESENTATIVE OF BCWS AND THE ENGINEER OF RECORD.
16. ALL PVC PIPE SHALL BE INSTALLED WITH METALLIC LOCATOR TAPE 18" ABOVE THE TOP OF PIPE.
17. BACK FLOW PREVENTORS AND DOUBLE DETECTOR CHECK ASSEMBLIES MUST BE APPROVED BY THE EDR AND CITY/COUNTY AS TO TYPE AND LOCATION.
18. *ALL WATER MAIN PIPE, INCLUDING FITTINGS, INSTALLED ON OR AFTER AUGUST 28, 2003, EXCEPT PIPE INSTALLED UNDER A CONSTRUCTION PERMIT FOR WHICH HEALTH DEPARTMENT RECEIVED A COMPLETE APPLICATION BEFORE AUGUST 28, 2003, SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE. PIPE SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL, AND UNDERGROUND PIPE SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES APPLIED TO THE PIPE. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE. THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION, THE STRIPES SHALL BE APPLIED TO THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION, THE STRIPES SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE. FOR PIPES WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE. ABOVEGROUND PIPE AT DRINKING WATER TREATMENT PLANTS SHALL BE COLOR CODED AND LABELED IN ACCORDANCE WITH SUBSECTION 62-555.330(10), F.A.C., AND ALL OTHER ABOVEGROUND PIPE SHALL BE PAINTED BLUE OR SHALL BE COLOR CODED OR MARKED TO MEET THE UNIFORMITY REQUIREMENTS OF F.A.C. READS AS FOLLOWS: *COLOR CODING OF PIPES AT DRINKING WATER TREATMENT PLANTS: ALL NEW OR ALTERED, ABOVE GROUND PIPING AT DRINKING WATER TREATMENT PLANTS SHALL BE COLOR CODED AND LABELED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. IN ADDITION, CITY UNDERGROUND WATER MAIN PIPE THAT IS INSTALLED AT DRINKING WATER TREATMENT PLANTS ON OR AFTER AUGUST 28, 2003, AND THAT IS CONVEYING FINISHED DRINKING WATER SHALL BE COLOR CODED AS RECOMMENDED IN SECTION 2.14 OF RECOMMENDED STANDARDS FOR WATER WORKS AS INCORPORATED INTO RULE 62-555.330, F.A.C. 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SEC 275-60	SPECIES SELECTION	PROPOSED TOTAL	50% NATIVE REQUIRED	PROVIDED
	Trees	62	31	54
	Palms	6	4.5	9
	Shrubs	2680	1340	2453
SEC 275-90	PERIMETER BUFFER LANDSCAPE FOR VUA	Linear ft of property	REQUIRED	PROVIDED
	1 tree per 40 linear ft	1060'	26.5	27
	Continuous hedge			
SEC 275-100	Overall VUA Landscape	Proposed VUA (sqft)	REQUIRED	PROVIDED
(A)	(2) special vehicular use area			
(B)	20% of VUA	40,306	8,061	9,242
(C)	INTERMEDIATE PENINSULA		n/a	n/a
(D)	TERMINAL PENINSULAS-10' wide 4islands	(2) Cat 1 tree per island (4)	8) Cat 1 tree	(8) Cat 1 tree
(E)	VUA abutting building	5' buffer	500 sqft	384 sqft *
			*116 sqft of req in NVOS	
(F)	Other VUA areas		n/a	n/a
SEC 275-120	Perimeter buffer landscape requirements		REQUIRED	PROVIDED
	5' Buffer around perimeter	1 shade tree per 40 linear ft and hedge	26.5	28
SEC 275-130	Perimeter buffer to RESIDENTIAL		n/a	n/a
SEC 275-140	Non-VUA open space		REQUIRED	PROVIDED
(A)	Open space in excess of required		n/a	852 sqft
(B)	100% vegetated		100%	100%
(C)	Shrub and Tree Requirement	less than 30%	1 tree and 10 shrubs	3 palms and 27 shrubs
(D)	Utilities	15' clearance		Trees under existing overhead lines are understory.
(E)	Supplemental for C-1 District		n/a	n/a
(F)				
SEC 275-170	Screening Requirements		REQUIRED	PROVIDED
(A)	Structures	20% of front façade	20%	42%
(B)	Equipment	3 sides landscaped	n/a	n/a
(C)	Signs	1 sshrub for every 2' sign width	n/a	n/a
	TREE MITIGATION	CANOPY REMOVED	REQUIRED	PROVIDED

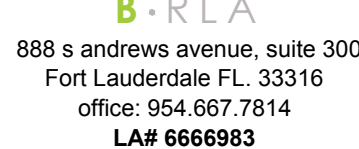
2

TOTAL MITIGATION REQUIRED 1796 SQFT CANOPY. REFER TO SHEET L-100

1. A pre-construction meeting with the Dania Beach City Arborist is required prior to landscaping activities including removal of trees and/or installation of plant material. Call 954-924-0423 a minimum of 5 days prior to desired start date to schedule pre-construction meeting.
2. All existing trees proposed to remain are to be separated from the limits of disturbance of the construction area by tree protection fencing and signage. The tree protection fencing shall be located at the edge of the tree protection zone as depicted on the plan or at the edge of the drip-line(s) if a tree protection zone is not designated. No material storage or construction access is permitted within the tree protection zone.
3. All existing trees shall be pruned to ANSI A-300 standards to correct potential hazards.
4. A tree removal permit is required prior to removal or relocation of any tree or palm. Contact the Dania Beach City Arborist at 954-924-6805 to obtain permit information.
5. Landscape contractor shall notify Sunshine One Call of Florida, Inc. at 1-800-432-4770 a minimum of 2 full business days prior to digging. Landscape contractor is responsible for avoiding damage to utilities from plant installation.
6. Tree relocations:
 - a. Existing trees to be relocated shall be root pruned a minimum of 120 days prior to relocation
 - b. Minimum root ball sizes shall be in accordance with ANSI standards as follows:
Caliper Minimum Root Ball Diameter
1 16
2 24
3 32
4 42
5 54
6 60
7 70
8 80
9 12 inches per inch of trunk diameter
Transplanted trees with underbarked root balls may be rejected by the City Arborist and replacement trees may be required.
7. A temporary irrigation system shall be provided during and for the first 40 days after root pruning.
8. All planting must follow planting specifications and details shown on the plan.
9. Substitutions of plant species or specifications must be approved in writing by the Dania Beach City Arborist prior to use.
10. All plant material planted per this landscape plan shall be Florida Grade 1 or better, as specified in the current edition of the Florida Department of Agriculture's Grades and Standards for Nursery Plants. Damaged plant material shall be rejected and replaced prior to installation.
11. All sizes shown for plant material are to be considered minimums.
12. Where quantities and/or species differ between the planting plans and plant lists, the plans shall take precedence.
13. All new plant material shall be warranted by the landscape contractor for a minimum period of one year.
14. The warranty period shall begin after acceptance of the plants by the City Arborist.
15. All plant beds to be treated with pre-emergent herbicide prior to planting.
16. All tree and palm staining and support shall be removed one year after installation.
17. No fertilizer shall be applied to newly planted trees and palms.
18. All landscape material shall be thoroughly watered at the time of planting, no dry planting permitted.
19. Landscape contractor shall be responsible for providing temporary water provisions until such time as the irrigation system is operational.
20. All wire gys and/or fabric straps shall be flagged with fluorescent colored tape.
21. Mulching:
 - a. All landscape areas not covered by sod shall be covered by a minimum 3-inch layer of mulch.
 - b. A mulch ring with a minimum radius of 24 inches (48 inch diameter), is required around all newly installed trees and palms.
 - c. Cypress mulch shall not be used.
 - d. All new landscaped areas shall be excavated down to a depth of 24 inches below final grade and backfilled with clean debris-free soil. Construction access shall be restricted from the landscape area after excavation and backfill is complete.
 - e. All landscape areas shall be finish graded such that they are a minimum of 3.5 inches below surrounding paved surfaces so as not to impede the flow of drainage into landscaped areas and to allow for a 3-inch mulch layer.

TREES 85' NATIVE	TREES CATEGORY_QTY		BOTANICAL NAME / COMMON NAME		CONT	CALIPER	PLANTED SIZE	MATURE SIZE	DROUGHT	NATIVE		
	AR	Cat 1	8	Acer rubrum / Red Maple	F6	3 5/4" cal	16' OA STD	50' x 25'	HIGH	NATIVE		
	CA	Cat 1	14	Clusia rosea / Autograph Tree	F6	2 5/4" cal	14' STD	30' x 30'	HIGH	NATIVE		
	CD	Cat 1	1	Coccoloba diversifolia / Pigeon Plum	F6	3" cal	15' STD	40' x 20'	HIGH	NATIVE		
	CB	Cat 3	18	Coccarpus erectus 'Sericeus' / Silver Buttonwood	F6	3" cal	10' STD	25' x 25'	HIGH	NATIVE		
	CS	Cat 3	8	Cordia sebestena / Orange Geiger Tree	F6	3" cal	12' OA	20' x 15'	HIGH	NATIVE		
	LI	Cat 2	4	Lagerstroemia indica / Crape Myrtle	F6	3" cal	15' OA	25' x 25'	HIGH	FI Friendly		
	LW	Cat 2	6	Lysiloma latisiliqua / Wild Tamarind	F6	3" cal	15' OA	40' x 35'	HIGH	NATIVE		
	TC	Cat 2	4	Tabebuia aurea / Silver Trumpet	F6	3" cal	14' STD	25' x 25'	MED	FI Friendly		
SHRUBS 9' NATIVE	SHRUB AREAS_QTY		BOTANICAL NAME / COMMON NAME		CONT	CONT_HGT X W	NOTE	MATURE HGT X W	DROUGHT	NATIVE	SPACING	AREA
	CH		767	Chrysobalanus icaco 'horizontalis' / Cocoplum	3 gal	24"x24"	FULL	20' x 20'	MED	NATIVE	30' o.c.	4,543 sf
	F6		227	Ficus microcarpa 'Green Island' / Green Island Ficus	3 gal	14"x14"	BUSH	Maintained 36" or less	HIGH	FL-FRIENDLY	24" o.c.	870 sf
	HC		31	Hymenocallis caribaea / Spider Lily	3gal	14"x14"	FULL	3'	HIGH	NATIVE	24" o.c.	141 sf
	NE		1627	Nephrolepis exaltata / Boston Fern	3 gal	12" x 16"	FULL	3' x 3'	HIGH	NATIVE	18" o.c.	3,522 sf
	TD		22	Tripsodan dactyloides nana / Dwarf Fakahatchee	3 gal	24"x24"	FULL	3' x 3'	HIGH	NATIVE	36" o.c.	183 sf
	GROUND COVERS_QTY		BOTANICAL NAME / COMMON NAME		CONT	HGT X W	NOTE	MATURE	DROUGHT	NATIVE	SPACING	AREA
SOD		6110 sf	Stenotaphrum secundatum / St. Augustine Grass	flat								6110 sf
TM		1070 sf	Trachelospermum asiaticum 'Minima' / Minima Jasmine	1 gal	8" x 4"			MAINTAINED 12" OR LESS	HIGH	FL-FRIENDLY	18" o.c.	1070 sf

SEE ARBORIST REPORT ON SHEET L-100
FOR CONDITION AND EXISTING LOCATIONS



CORALUZZO DANIA BEACH

2401 SW 31 STREET
DANIA BEACH, FL
CLIENT: MICHAEL PENZA

DESIGN SITE PLAN
DELIVERABLE: SUBMITTA
ISSUE DATE: 02/02/2017

PROJECT NUMBER: 1421-160909

CHECKED BY:

Copyright (c) by SYNALOVSKI ROMANIK SAYE, LLC

SHEET TITLE
PROPOSED
LANDSCAPE PLAN

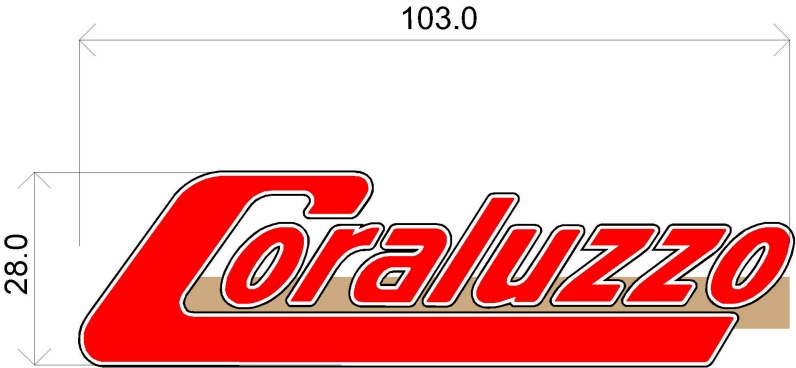
SHEET NUMBER:

L - 200

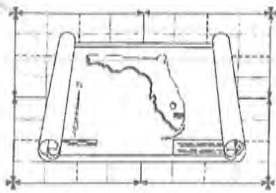


L - 201

PROPOSED NEW CHANNEL LETTER SIGN(28"X 103"=21 SQ FT)
(24" X 102"=17 SQ FT)



Customer:	■	■



BROWARD COUNTY PLANNING COUNCIL

115 South Andrews Avenue, Room 307 ■ Fort Lauderdale, Florida 33301 ■ Phone: 954.357.6695

May 17, 2017

Manuel Synalovski, AIA, NCARB, LEED AP, Managing Principal
Synalovski Romanik Saye
1800 Eller Drive, Suite 500
Fort Lauderdale, Florida 33316

RECEIVED

MAY 23 2017

SYNALOVSKI ROMANIK
SAYE, LLC

Dear Mr. Synalovski:

Re: Platting requirements for a parcel legally described as the East 40 feet of Lot 6 and all of Lot 7, Block 1, "Tropic Farms," according to the Plat thereof, as recorded in Plat Book 24, Page 30, of the Public Records of Broward County, Florida, and less a portion of said Lots for right-of-way purposes. This parcel is generally located on the north side of Southwest 31 Street, between Ravenswood Road/Anglers Avenue and Southwest 26 Terrace, in the City of Dania Beach.

This letter is in response to your correspondence regarding the Broward County Land Use Plan's platting requirements for a proposed non-residential development on the above referenced parcel.

Planning Council staff has determined that replatting is not required by Section D.2, Chapter IV, of the Broward County Land Use Plan for the proposed development, subject to compliance with any applicable Broward County Trafficways Plan requirement.

As per the criteria of Section D.2, replatting is required for the issuance of building permits when constructing a non-residential or multi-family building, unless all of the following conditions are met:

- a. The lot or parcel is smaller than 5 acres and is unrelated to any adjacent development;
- b. The lot or parcel has been specifically delineated in a recorded plat;
- c. All land within the lot or parcel which is necessary to comply with the County Trafficways Plan has been conveyed to the public by deed or easement; and
- d. The proposed development is in compliance with the applicable land development regulations.

Manuel Synalovski

May 17, 2017

Page Two

The subject parcel is less than 5 acres (approximately 1.93 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.

Planning Council staff notes that when a specifically delineated parcel (i.e. Lot 7, Block 1) is combined with land which has been included in a plat recorded before June 4, 1953, but not specifically delineated (i.e. East 40 feet of Lot 6) or with vacated rights-of-way, Section D.2, Chapter IV, of the Broward County Land Use Plan does not require replatting if the specifically delineated portion of the parcel constitutes the majority of the enlarged parcel; the specifically delineated portion constitutes a majority of the enlarged parcel.

Some jurisdictions may be more restrictive and require platting in more situations than the Broward County Land Use Plan. The City of Dania Beach's platting requirements should be investigated.

The contents of this letter are not a judgment as to whether this development proposal complies with the Broward County Trafficways Plan, permitted uses and densities, local zoning, the land development regulations of the municipality or the development review requirements of the Broward County Land Use Plan, including concurrency requirements.

If you have any additional questions regarding the Broward County Land Use Plan's platting requirements, please contact Dawn Teetsel, Senior Planner, at your convenience.

Respectfully,



Barbara Blake Boy
Executive Director

BBB:DBT

cc: Robert Baldwin, City Manager
City of Dania Beach

Marc LaFerrier, AICP, Director, Community Development Department
City of Dania Beach



AVIATION DEPARTMENT - Fort Lauderdale-Hollywood International Airport
2200 SW 45th Street, Suite 101 • Dania Beach, Florida 33312 • 954-359-6100

May 17, 2017

Marc LaFerrier, AICP
Planning Director
City of Dania Beach
100 West Dania Beach Blvd
Dania Beach, FL 33004

RE: CORALUZZO DANIA BEACH
2401 SW 31st Street, Dania Beach FL 33312
Broward County Aviation Department (BCAD) Conditional Approval Letter (revised)

Dear Mr. LaFerrier:

The Broward County Aviation Department (BCAD) has reviewed the proposed CORALUZZO DANIA BEACH Project located northwest of Fort Lauderdale-Hollywood International Airport (FLL). Since the proposed project is within 20,000 feet of FLL, its development and operation is subject to Federal Aviation Regulation (FAR) Part 77, Florida Statutes Chapter 333 and/or the Broward County Airport Zoning Ordinance. These standards seek to ensure that any proposed construction, use of high lift equipment, such as cranes, or other potential hazards will not negatively impact the safe and efficient use of the airport and surrounding airspace. Taking into consideration the proximity of this project to FLL, BCAD is providing the following comments regarding the proposed development:

- Based on the location of the proposed project, FAR Part 77, Subpart B and Section 5-182(n)(2) of the Broward County Land Development Code, require the applicant to obtain a "Determination of No Hazard to Air Navigation" from the Federal Aviation Administration (FAA). The receipt of a favorable determination is required for all critical building points and temporary construction cranes and must be received prior to any construction activity. If you have not already done so, please use the following web address to initiate the Federal Review (FAA 7460-1) process: <https://oeaaa.faa.gov/oeaaa/external/portal.jsp>
- Following the receipt of a favorable FAA determination, the applicant may also need to obtain "airspace obstruction permits" from the Florida Department of Transportation (FDOT). This documentation is necessary to determine if the project will adversely affect public health or safety. If required, these permits must be obtained prior to the commencement of any construction. The following web address can be used to acquire additional information pertaining to the FAA and FDOT airspace obstruction review and permitting process: <http://www.dot.state.fl.us/aviation/obstructions.shtm>

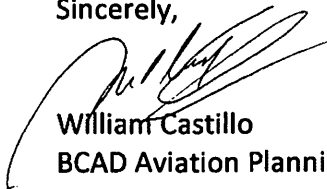
- No building, structure or vegetation on the site may exceed 33.54 feet (33'- 6") NAVD as shown on the Photometric Plan PH-101 and Floor Plan and Elevations A-101 (dated 04/06/17), unless submitted to BCAD for additional review.
- The proposed development must not generate light, glare, smoke or other emissions that could be disorienting to pilots operating in the vicinity of the airfield.

If the proposed plans are revised substantially from those submitted for this review, BCAD requests that the revised development plans be submitted for an additional review.

This letter also serves as notice to prospective purchasers of parcels within the property that, pursuant to Broward County Ordinance 2006-37 and consistent with the Federal Aviation Administration's "Change in FAA's Noise Mitigation Policy," effective October 1, 1998, the County will only provide noise mitigation for existing "incompatible development" and not for new incompatible development. The determination of "compatible" and "incompatible development" will be based on the County's most current Federal Aviation Administration ("FAA") approved Noise Exposure Map and the Airport's most current noise compatibility program which has been reviewed and approved by the FAA for the Airport. The applicant should note that the project is not eligible for federal funding to mitigate aircraft noise.

Please do not hesitate to contact me if you have questions or require additional information at 954.359.2291

Sincerely,



William Castillo
BCAD Aviation Planning Manager

cc: Mauricio Feldsberg, Synalovski Romanik Saye
Michael P. Pacitto, P.G., Director Planning and Environmental



Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2017-ASO-10617-OE

Issued Date: 05/24/2017

Mauricio Feldsberg
Synalovski Romanik Saye, LLC
1800 Eller Drive
Suite 500
Fort Lauderdale, FL 33316

**** THIS IS NOT A DETERMINATION ****

Additional information is required before we can complete an aeronautical study concerning:

Structure:	Building Coraluzzo - Dania Beach
Location:	Dania Beach, FL
Latitude:	26-05-03.00N NAD 83
Longitude:	80-10-23.70W
Heights:	4 feet site elevation (SE) 34 feet above ground level (AGL) 38 feet above mean sea level (AMSL)

See attachment for additional information.

If data is changed as a result of FAA verification, it will be necessary for you to ensure the corrected information is also on file with the FCC (if applicable).

NOTE: IF NO RESPONSE IS RECEIVED WITHIN 30 DAYS OF THE DATE OF THIS LETTER, ACTION WILL BE TAKEN TO TERMINATE THIS AERONAUTICAL STUDY.

If we can be of further assistance, please contact our office at (404) 305-5540. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2017-ASO-10617-OE.

Signature Control No: 332236786-332325936

(ADD)

Terri Johnson
Technician

Attachment(s)
Additional Information



1. Are the coordinates filed for the corner/point of the building closest to the nearest runway at Fort Lauderdale International Airport (FLL)? If no, submit the requested coordinates.
 2. Upon request, be prepared to provide a survey, project plan, drawing or other image that includes the coordinates (latitude/longitude) in degrees, minutes, seconds (DD-MM-SS.SS) for each corner of the building. The information may be requested during the FAA's aeronautical study of this structure.
 3. File a separate case for temporary construction equipment. If a different agency is responsible for the equipment, ensure they are notified of the requirement to file with the FAA.
- * Documents/Coordinates may be submitted through your FAA E-Filing account at <https://oeaaa.faa.gov> or by email to Teresa.ctr.Johnson@faa.gov.



Waste Management Inc. of Florida
2700 Wiles Road
Coconut Creek, FL, 33073
(954) 974-7500

WM Agreement #
Customer Acct #
Acct. Name
Salesperson
Effective Date
Last API Date

S0008785010

Coraluzzo
Jherra Ricks
5/24/2017

Service Agreement

Non-Hazardous Waste Service Summary

Service Information

Name	Coraluzzo	Contact	Mauricio Feldsberg
Address	2401 SW 31ST ST	Telephone #	(954) 961-6806
City State Zip	FORT LAUDERDALE, FL 33312-4901	Fax #	
County/Parish	BROWARD	Email	mfeldsberg@syalovski.com

Customer Comments:

Billing Information

Name	Coraluzzo	Contact	Mauricio Feldsberg
Address	2401 SW 31ST ST	Telephone #	(954) 961-6806
City State Zip	FORT LAUDERDALE, FL 33312-4901	Fax #	
County/Parish	BROWARD	Email	mfeldsberg@syalovski.com

PO#

Service Description & Recurring Rates

Quantity	Equipment	Material Stream	Frequency	Base Rate	
1	96 Gallon FEL Toter	MSW Commercial	1x Per Week	Fuel & Environmental/RCR	\$ 24.04 *

Current rate for Extra Pickup (per Lift): \$ 100.00

TOTAL : \$ 100.04 *

Customer's Waste Materials not to exceed an average weight of lbs/yard.

Initial One Time Service Charges*

Initial Delivery \$ 150.00

As Needed Services*

The above listed Charges are for recurring services only. Charges for all additional services will be at current rates at the time of service. These include but are not limited to: extra pickups, container removal, overages and contamination. Contact Waste Management for a full list of such additional services and current prices.

*Fuel Surcharge, Environmental Charge, and Regulatory Cost Recovery ("RCR") Charge apply to all other Charges whether or not listed on this summary; any amounts shown above are estimated, and actual amounts will be calculated at the time of invoicing based on a percentage of the Charges. Information about these charges can be found at www.wm.com/billhelp. State & Local taxes, and/or fees and a Recycle Material Offset, if applicable, will also be added to the Charges. An Administrative Charge per invoice will be assessed and can be removed by enrolling in paperless statements and automated payments.

Administrative Charge \$ 5.00*
GRAND TOTAL \$ 105.04*

Contract Term for monthly rate services is for 3 year(s) from the Effective Date ('Initial Term') and it shall automatically renew thereafter for additional terms of 36 months ('Renewal Term') unless terminated as set forth herein.

The individual signing this agreement on behalf of customer acknowledges that he/she has read and accepts the terms and conditions of this agreement which accompany this service summary sheet and that he/she has the authority to sign on behalf of the customer.

Customer Signature

Printed Name

Title

Date

Company Waste Management Inc. of Florida

Printed Name

Waste Management Sales Rep.

Title

Date

Terms and Conditions on following page(s)

1. SERVICES RENDERED; WASTE MATERIALS. Customer grants to Company the exclusive right, and Company through itself and its subsidiaries and corporate affiliates, shall furnish equipment and services, to collect and dispose of and/or recycle all of Customer's Waste Materials at Customer's Service Address(es) listed on the Service Summary. Customer represents and warrants that the materials to be collected under this Agreement shall be only "Waste Materials" as defined herein. For purposes of this Agreement, "Waste Materials" means all non-hazardous solid waste, organic waste and Recyclable Materials (as defined in Section 12 below) generated by Customer or at Customer's Service Address. Waste Materials includes Special Waste, such as industrial process wastes, asbestos-containing material, petroleum contaminated soils, treated/de-characterized wastes, and demolition debris, for which Customer shall complete a Special Waste Profile sheet to be approved by Company in writing. Waste Materials excludes, and Customer agrees not to deposit or permit the deposit for collection of: any waste tires, radioactive, volatile, corrosive, flammable, explosive, biomedical, infectious, bio-hazardous, regulated medical or hazardous waste, toxic substance or material, as defined by, characterized or listed under applicable federal, state, or local laws or regulations, any materials containing information protected by federal, state or local privacy and security laws or regulations (unless tendered to Company an additional Exhibit L to this Agreement), or Special Waste not approved in writing by Company (collectively, "Excluded Materials"). Title to and liability for Excluded Material shall remain with Customer at all times. Title to Customer's Waste Materials is transferred to Company upon Company's receipt or collection unless otherwise provided in this Agreement or applicable law.

2. TERM. The Term of this Agreement is set forth on the Service Summary of this Agreement. Unless otherwise specified on the Service Summary, the Term shall automatically renew for the period set forth therein unless either party gives to the other party written notice (See Section 11(e)) of termination at least ninety (90) days, but not more than one hundred eighty (180) days, prior to the termination of the then-existing term. Notice of termination received at any other time will be considered ineffective and the contract will be considered automatically renewed upon completion of the then-existing term.

3. SERVICES GUARANTY; CUSTOMER TERMINATION. If the Company fails to perform the services described within five business days of its receipt of a written demand from Customer (See Section 11(e)), Customer may terminate this Agreement with the payment of all monies due through the termination date. If Company increases the Charges payable by Customer hereunder for reasons other than as set forth in Section 4 below, Customer shall have the right to terminate this Agreement by written notice to the Company no later than thirty (30) days after Company notifies Customer of such increase in Charges in writing. If Customer so notifies Company of its termination of this Agreement, such termination shall be of no force and effect if Company withdraws or removes such increase within fifteen (15) days after Customer provides timely notification of termination. Absent such termination, the increased Charges shall be binding and enforceable against Customer under this Agreement.

4. CHARGES; PAYMENTS; ADJUSTMENTS. Upon receipt of an invoice, Customer shall pay any and all charges, fees and other amounts payable under this Agreement for the services and/or equipment (including repair and maintenance) furnished by Company ("Charges"). Company reserves the right to increase the Charges payable by Customer during the Term: (a) for any changes to, or differences between, the actual equipment and services provided by Company to Customer and those specified on the Service Summary; (b) for any change in the composition of the Waste Materials or if the average weight per yard of Customer's Waste Materials exceeds the amount specified on the Service Summary; (c) for any increase in or other modification to the Company's Fuel Surcharge, Regulatory Cost Recovery Charge, Recycle Material Offset, Environmental Charge, and/or any Fees/Charges included in the Service Summary; (d) to cover any increases in disposal and/or third party transportation costs, including fuel surcharges; (e) to cover increased costs due to uncontrollable circumstances, including, without limitation, changes in local, state or federal laws or regulations, imposition of taxes, fees or surcharges or acts of God such as floods, fires, hurricanes and natural disasters; and (f) no more often than annually from the Effective Date (or if specified on the Service Summary, Customer's Last Annual Price Increase ("API") Date) for increases in any Consumer Price Index or components thereof applicable to the Services provided under this Agreement plus four percent of the then current Charges. Any increase in Charges enumerated in clauses (a) through (e) above may include an amount for Company's operating or profit margin. Company also reserves the right to charge Customer additional charges if additional services are provided as needed to Customer, including, but not limited to: container relocation or removal; gate, enclosure or roll out services; account resume services; and extra trip charges. In the event Company adjusts the Charges as provided in this Section 4, the parties agree that this Agreement as so adjusted will continue in full force and effect. Increases for reasons other than as specified herein are subject to Customer's rights under Section 3. Any Customer invoice balance not paid within thirty (30) days of the date of invoice is subject to a late charge, and any Customer check returned for insufficient funds is subject to a Non Sufficient Funds fee, both to the maximum extent allowed by applicable law. Customer acknowledges that any late charge charged by the Company is not to be considered as interest on debt, is not a penalty, and is a reasonable charge for late payment. In the event that payment is not made when due, Company retains the right to suspend service until the past due balance is paid in full. If Company reinstates suspended services after receipt of an outstanding balance, Customer shall pay a reactivation charge. In the event that service is suspended in excess of fifteen (15) days, Company may terminate this Agreement for such default and recover any equipment and all amounts owed hereunder, including liquidated damages under Section 7.

5. CHANGES. Changes in the frequency of collection service, schedule, number, capacity and/or type of equipment, and any changes to amounts payable under this Agreement, may be agreed to orally, in writing, by payment of the invoice or by the actions and practices of the parties. If Customer changes its Service Address during the Term, this Agreement shall remain valid and enforceable with respect to services rendered at Customer's new service location if such location is within Company's service area.

6. EQUIPMENT, ACCESS. All equipment furnished by Company shall remain its property; however, Customer shall have care, custody and control of the equipment and shall be liable for all loss or damage to the equipment and for its contents while at Customer's location. Customer shall not overload, move or alter the equipment or allow a third party to do so, and shall use it only for its intended purpose. At the termination of this Agreement, Customer shall return the equipment to Company in the condition in which it was provided, normal wear and tear excepted. Customer shall provide safe and unobstructed access to the equipment on the scheduled collection day. Company may suspend services or terminate this Agreement in the event Customer violates any of the requirements of this provision. Customer shall pay, if charged by Company, an additional fee for any service modifications caused by or resulting from Customer's failure to provide access. Customer warrants that Customer's property is sufficient to bear the weight of Company's equipment and vehicles and that Company shall not be responsible for any damage to the Customer's pavement or any other surface resulting from the equipment or Company's services.

7. LIQUIDATED DAMAGES. In the event Customer terminates this Agreement prior to the expiration of the Initial or Renewal Term ("Term") for any reason other than as set forth in Section 3, or in the event Company terminates this Agreement for Customer's default, Customer shall pay the following liquidated damages in addition to the Company's legal fees, if any: (a) if the remaining Term (including any applicable Renewal Term) under this Agreement is six or more months, Customer shall pay the average of its six most recent monthly Charges (or, if the Effective Date is within six months of Company's last invoice date, the average of all monthly Charges) multiplied by six; or (b) if the remaining Term under this Agreement is less than six months, Customer shall pay the average of its six most recent monthly Charges multiplied by the number of months remaining in the Term. Customer shall pay liquidated damages of \$100 for every Customer waste tire that is found at the disposal facility. Customer acknowledges that the actual damage to Company in the event of termination is impractical or extremely difficult to fix or prove, and the foregoing liquidated damages amount is reasonable and commensurate with the anticipated loss to Company resulting from such termination and is an agreed upon fee and is not imposed as a penalty.

8. INDEMNITY. The Company agrees to indemnify, defend and save Customer, its parent, subsidiaries, and corporate affiliates, harmless from and against any and all liability which Customer may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law, to the extent caused by any negligent act or omission or willful misconduct of the Company or its employees, which occurs (a) during the collection or transportation of Customer's Waste Materials, or (b) as a result of the disposal of Customer's Waste Materials in a facility owned by the Company or a Waste Management company, provided that the Company's indemnification obligations will not apply to occurrences involving Excluded Materials. Customer agrees to indemnify, defend and save the Company, its parent, subsidiaries, corporate affiliates and their joint venture partners, harmless from and against any and all liability which the Company may be responsible for or pay out as a result of bodily injuries (including death), property damage, or any violation or alleged violation of law to the extent caused by Customer's breach of this Agreement or by any negligent act or omission or willful misconduct of the Customer or its employees, agents or contractors or Customer's use, operation or possession of any equipment furnished by the Company. Neither party shall be liable to the other for consequential, incidental or punitive damages arising out of the performance or breach of this Agreement.

9. RIGHT OF FIRST REFUSAL. Customer grants to Company a right of first refusal to match any offer relating to services similar to those provided hereunder which Customer receives (or intends to make) upon termination of this Agreement for any reason and Customer shall give Company prompt written notice of any such offer and a reasonable opportunity to respond to it.

10. DISPUTE RESOLUTION-ARBITRATION AGREEMENT AND CLASS ACTION WAIVER. BINDING ARBITRATION: Except for those claims expressly excluded below (EXCLUDED CLAIMS), Customer and Company agree that ANY and all existing or future controversy or claim between them arising out of or related to this Agreement or any prior agreements between the parties, whether based in contract, law or equity or alleging any other legal theory, or arising prior to, in connection with, or after the termination of this Agreement or any other agreements, shall be resolved by mandatory binding arbitration (see www.wm.com for details on arbitration procedures). **CLASS ACTION WAIVER:** Customer and Company agree that under no circumstances, whether in arbitration or otherwise, may customer bring any claim against the Company, or allow any claim that the Customer may have against the Company to be asserted, as part of a class action, on a consolidated or representative basis or otherwise aggregated with claims brought by, or on behalf of, any other entity or person, including other customers of the Company. **EXCLUDED CLAIMS:** The following are not subject to mandatory binding arbitration: (A) either party's claims against the other in connection with bodily injury or real property damage and for environmental indemnification; and (B) Company's claims against Customer for collection or payment of Charges, damages (liquidated or otherwise) or any other amounts due or payable to the Company by the Customer under this Agreement or any prior agreements between the parties, but Customer and Company may mutually agree to arbitrate any Excluded Claims.

11. MISCELLANEOUS. (a) Except for the obligation to make payments hereunder, neither party shall be in default for its failure to perform or delay in performance caused by events or significant threats of events beyond its reasonable control, whether or not foreseeable, including, but not limited to, strikes, labor trouble, riots, imposition of laws or governmental orders, fires, acts of war or terrorism, acts of God, and the inability to obtain equipment, and the affected party shall be excused from performance during the occurrence of such events. (b) This Agreement shall be binding on and shall inure to the benefit of the parties hereto and their respective successors and assigns. (c) This Agreement represents the entire agreement between the parties and supersedes any and all other agreements for the same services, whether written or oral, that may exist between the parties. (d) This Agreement shall be construed in accordance with the law of the state in which the services are provided. (e) With the exception of Customer's termination notice as respects a consumer's right to cancel under Chapter 2-18 of the Florida Administrative Code, all written notification to Company required by this Agreement shall be by Certified Mail, Return Receipt Requested to Company's address on the first page of the Service Summary. (f) If any provision of this Agreement is declared invalid or unenforceable, then such provision shall be severed from and shall not affect the remainder of this Agreement; however, the parties shall amend this Agreement to give effect, to the maximum extent allowed, to the intent and meaning of the severed provision. (g) In the event the Company successfully enforces its rights against Customer hereunder, the Customer shall be required to pay the Company's attorneys' fees and court costs.

12. RECYCLING SERVICES. The following shall apply to fiber and non-fiber recyclables ("Recyclable Materials") and recycling services:

a. (i) Single stream, commingled Recyclable Materials ("Single Stream") will consist of 100% of Customer's clean, dry, paper or cardboard without wax liners; clean, dry and empty aluminum food and beverage containers, ferrous (iron) or steel cans, aerosol cans, and rigid container plastics #1-7, including narrow neck containers and tubs, but excluding foam and film plastics. No individual items may be excluded from Single Stream service. Glass may be included with specific approval of Company. Any material not set forth above, including tissue or paper that had been in contact with food, is unacceptable ("Unacceptable Materials"). Single Stream may contain up to 5% Unacceptable Materials. (ii) Customer shall provide wastepaper in accordance with the most current ISRI Scrap Specifications Circular and any amendments thereto or replacements thereof. (iii) All other Recyclable Materials will be delivered in accordance with the Company specifications that are available at www.recycleamerica.com or such specifications communicated to Customer by Company. b. Recyclable Materials may not contain Excluded Materials or chemical or other properties that are deleterious or capable of causing material damage to any part of Company's property, its personnel or the public or materially impair the strength or the durability of the Company's structures or equipment. Company may reject in whole or in part Recyclable Materials not meeting the specifications, and Customer shall reimburse Company for all losses incurred with respect to such Recyclable Materials including costs of transportation and disposal. c. Where Company has agreed in writing to provide a market-based rebate to Customer, the following shall apply. Customer acknowledges that the market value for Recyclable Materials will fluctuate based upon various factors, and such materials may at times have no value or that the value may be negative. Company will establish the value of Recyclable Materials each month based upon such various factors, including but not limited to quantity, quality and location. For recycling services, Company shall pay or charge Customer on or about the last day of each month for Recyclable Materials accepted during the preceding month, after deduction of any Charges owed to Company by Customer. Any invoice shall be payable upon receipt. Where recycling services are provided, Charges may include separate fuel and environmental surcharges as set forth at www.recycleamerica.com. d. Notwithstanding anything to the contrary set forth above, the Liquidated Damages calculation, set forth in Section 7 of this Agreement, shall not apply to any Customer breach of the Agreement pertaining to services for Recyclable Materials, which have been determined by Company to have a positive value. If a breach occurs under such circumstances, the damages shall be determined by calculating actual damages rather than Liquidated Damages. e. Service arrangements will be agreed upon between Customer and Company for the service locations set forth in this Agreement. For trailer load quantities, Customer shall load trailers to full visible capacity to achieve 40,000 pounds minimum shipping weight and trailers shall be loaded or caused to be loaded in accordance with the most current ISRI/AF&PA Shipping Guide. Freight and/or adjustments may apply to light loads. Customer shall be responsible for any loss, damage or destruction to equipment including trailers for any cause while located at Customer's location. For baled wastepaper picked up in less than trailer load quantities, minimum quantity for pickup is six (6) bales and for purposes of payment, weights shall be estimated weights. Customer reserves the right at its sole discretion upon notice to Customer to discontinue acceptance of any category of Recyclable Materials as a result of market conditions related to such materials and makes no representations as to the recyclability of the materials which are subject to this contract.



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ESR-2074

Reissued 02/2017

This report is subject to renewal 02/2019.

DIVISION: 08 00 00—OPENINGS
SECTION: 08 95 43—VENTS/FOUNDATION FLOOD VENTS

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.

**430 ANDBRO DRIVE, UNIT 1
PITMAN, NEW JERSEY 08071**

EVALUATION SUBJECT:

**SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS:
MODELS #1540-520; #1540-521; #1540-510; #1540-511;
#1540-570; #1540-574; #1540-524; #1540-514**



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ICC-ES Evaluation Report

ESR-2074

Reissued February 2017

This report is subject to renewal February 2019.

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DIVISION: 08 00 00—OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

SMARTVENT PRODUCTS, INC.
430 ANDBRO DRIVE, UNIT 1
PITMAN, NEW JERSEY 08071
(877) 441-8368

www.smartvent.com
info@smartvent.com

EVALUATION SUBJECT:

**SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS:
MODELS #1540-520; #1540-521; #1540-510; #1540-511;
#1540-570; #1540-574; #1540-524; #1540-514**

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2015, 2012, 2009 and 2006 *International Building Code*® (IBC)
- 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)
- 2013 *Abu Dhabi International Building Code* (ADIBC)[†]

[†]The ADIBC is based on the 2009 IBC. 2009 IBC code sections referenced in this report are the same sections in the ADIBC.

Properties evaluated:

- Physical operation
- Water flow

2.0 USES

The Smart Vent® units are engineered mechanically operated flood vents (FVs) employed to equalize hydrostatic pressure on walls of enclosures subject to rising or falling flood waters. Certain models also allow natural ventilation.

3.0 DESCRIPTION

3.1 General:

When subjected to rising water, the Smart Vent® FVs internal floats are activated, then pivot open to allow flow in either direction to equalize water level and hydrostatic pressure from one side of the foundation to the other. The FV pivoting door is normally held in the closed position by a buoyant release device. When subjected to rising water, the buoyant release device causes the unit to unlatch, allowing the door to rotate out of the way and allow flow.

The water level stabilizes, equalizing the lateral forces. Each unit is fabricated from stainless steel. Smart Vent® Automatic Foundation Flood Vents are available in various models and sizes as described in Table 1. The SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 units each contain two vertically arranged openings per unit.

3.2 Engineered Opening:

The FVs comply with the design principle noted in Section 2.7.2.2 and Section 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)] for a maximum rate of rise and fall of 5.0 feet per hour (0.423 mm/s). In order to comply with the engineered opening requirement of ASCE/SEI 24, Smart Vent FVs must be installed in accordance with Section 4.0.

3.3 Ventilation:

The SmartVENT® Model #1540-510 and SmartVENT® Overhead Door Model #1540-514 both have screen covers with 1/4-inch-by-1/4-inch (6.35 by 6.35 mm) openings, yielding 51 square inches (32 903 mm²) of net free area to supply natural ventilation. The SmartVENT® Stacking Model #1540-511 consists of two Model #1540-510 units in one assembly, and provides 102 square inches (65 806 mm²) of net free area to supply natural ventilation. Other FVs recognized in this report do not offer natural ventilation.

4.0 DESIGN AND INSTALLATION

SmartVENT® and FloodVENT® are designed to be installed into walls or overhead doors of existing or new construction from the exterior side. Installation of the vents must be in accordance with the manufacturer's instructions, the applicable code and this report. Installation clips allow mounting in masonry and concrete walls of any thickness. In order to comply with the engineered opening design principle noted in Section 2.7.2.2 and 2.7.3 of ASCE/SEI 24-14 [Section 2.6.2.2 of ASCE/SEI 24-05 (2012, 2009, 2006 IBC and IRC)], the Smart Vent® FVs must be installed as follows:

- With a minimum of two openings on different sides of each enclosed area.
- With a minimum of one FV for every 200 square feet (18.6 m²) of enclosed area, except that the SmartVENT® Stacking Model #1540-511 and FloodVENT® Stacking Model #1540-521 must be installed with a minimum of one FV for every 400 square feet (37.2 m²) of enclosed area.
- Below the base flood elevation.

- With the bottom of the FV located a maximum of 12 inches (305.4 mm) above the higher of the final grade or floor and finished exterior grade immediately under each opening.

5.0 CONDITIONS OF USE

The Smart Vent® FVs described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 The Smart Vent® FVs must be installed in accordance with this report, the applicable code and the manufacturer's installation instructions. In the event of a conflict, the instructions in this report govern.
- 5.2 The Smart Vent® FVs must not be used in the place of "breakaway walls" in coastal high hazard areas, but

are permitted for use in conjunction with breakaway walls in other areas.

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Mechanically Operated Flood Vents (AC364), dated August 2015.

7.0 IDENTIFICATION

The Smart VENT® models recognized in this report must be identified by a label bearing the manufacturer's name (Smartvent Products, Inc.), the model number, and the evaluation report number (ESR-2074).

TABLE 1—MODEL SIZES

MODEL NAME	MODEL NUMBER	MODEL SIZE (in.)	COVERAGE (sq. ft.)
FloodVENT®	1540-520	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT®	1540-510	15 ³ / ₄ " X 7 ³ / ₄ "	200
FloodVENT® Overhead Door	1540-524	15 ³ / ₄ " X 7 ³ / ₄ "	200
SmartVENT® Overhead Door	1540-514	15 ³ / ₄ " X 7 ³ / ₄ "	200
Wood Wall FloodVENT®	1540-570	14" X 8 ³ / ₄ "	200
Wood Wall FloodVENT® Overhead Door	1540-574	14" X 8 ³ / ₄ "	200
SmartVENT® Stacker	1540-511	16" X 16"	400
FloodVent® Stacker	1540-521	16" X 16"	400

For SI: 1 inch = 25.4 mm; 1 square foot = m²

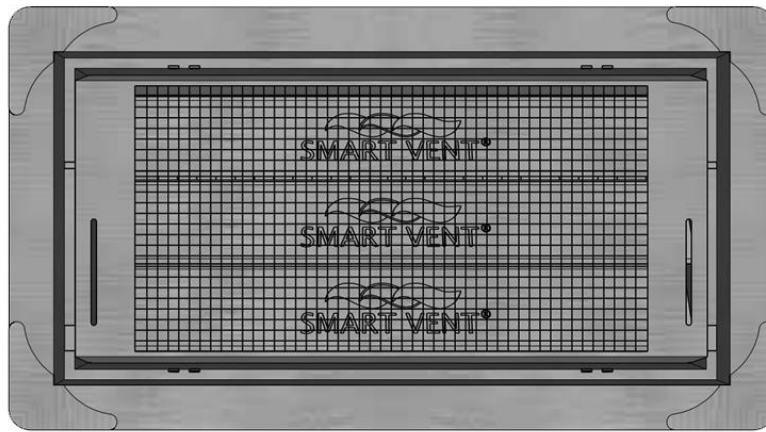


FIGURE 1—SMART VENT: MODEL 1540-510

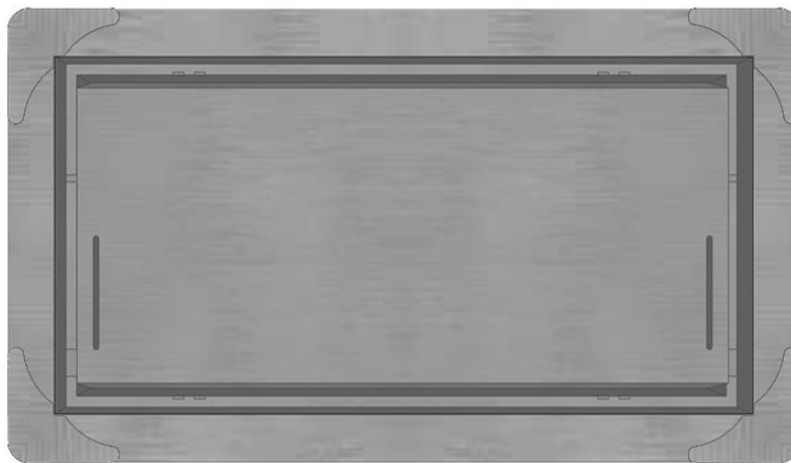


FIGURE 2—SMART VENT MODEL 1540-520



FIGURE 3—SMART VENT: SHOWN WITH FLOOD DOOR PIVOTED OPEN

ICC-ES Evaluation Report

ESR-2074 CBC and CRC Supplement

Issued January 2017

This report is subject to renewal February 2019.

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A Subsidiary of the International Code Council®

DIVISION: 08 00 00—OPENINGS

Section: 08 95 43—Vents/Foundation Flood Vents

REPORT HOLDER:

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430 ANDBRO DRIVE, UNIT 1

PITMAN, NEW JERSEY 08071

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www.smartvent.com

info@smartvent.com

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SMART VENT® AUTOMATIC FOUNDATION FLOOD VENTS: MODELS #1540-520; #1540-521; #1540-510; #1540-511; #1540-570; #1540-574; #1540-524; #1540-514

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master evaluation report ESR-2074, have also been evaluated for compliance with codes noted below.

Applicable code edition:

- 2016 California Building Code (CBC)
- 2016 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with 2016 CBC Chapter 12, provided the design and installation are in accordance with the 2015 *International Building Code*® (IBC) provisions noted in the master report and the additional requirements of CBC Chapters 12, 16 and 16A, as applicable.

The products recognized in this supplement have not been evaluated under CBC Chapter 7A for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

2.2 CRC:

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the 2016 CRC, provided the design and installation are in accordance with the 2015 *International Residential Code*® (IRC) provisions noted in the master report.

The products recognized in this supplement have not been evaluated under 2016 CRC Chapter R337, for use in the exterior design and construction of new buildings located in any Fire Hazard Severity Zone within State Responsibility Areas or any Wildland-Urban Interface Fire Area.

The products recognized in this supplement have not been evaluated for compliance with the International Wildland–Urban Interface Code®.

This supplement expires concurrently with the master report, reissued February 2017.

ICC-ES Evaluation Report

ESR-2074 FBC Supplement

Reissued February 2017

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1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Smart Vent® Automatic Foundation Flood Vents, recognized in ICC-ES master report ESR-2074, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2014 *Florida Building Code—Building* (FBC)
- 2014 *Florida Building Code—Residential* (FRC)

2.0 CONCLUSIONS

The Smart Vent® Automatic Foundation Flood Vents, described in Sections 2.0 through 7.0 of the master evaluation report ESR-2074, comply with the FBC and the FRC, provided the design and installation are in accordance with the *International Building Code*® provisions noted in the master report.

Use of the Smart Vent® Automatic Foundation Flood Vents has also been found to be in compliance with the High-Velocity Hurricane Zone provisions of the FBC and the FRC.

For products falling under Florida Rule 9N-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the master report, reissued February 2017.

DANIA CSCQ
FES Project No. 16-1340.00

I. GENERAL INFORMATION

PROPOSED LAND USAGE

A. TOTAL ACREAGE =	64,570 SF =	1.48 AC	
B. BUILDING COVERAGE =	7,501 SF =	0.17 AC	12%
C. TOTAL ASPHALT & WALKS=	41,959 SF =	0.96 AC	65%
D. TOTAL IMPERVIOUS =	49,460 SF =	1.14 AC	77%
E. % WATER QUALITY IMPERVIOUS =			74%
F. PERVIOUS AREA =	15,110 SF=	0.35 AC	23%
			100%

EXISTING LAND USAGE

A. TOTAL ACREAGE =	64,570 SF =	1.48 AC	
B. BUILDING COVERAGE =	0 SF =	0.00 AC	0%
C. TOTAL ASPHALT & WALKS =	230 SF =	0.01 AC	0%
E. TOTAL IMPERVIOUS =	230 SF =	0.01 AC	0%
F. % WATER QUALITY IMPERVIOUS =			0%
G. PERVIOUS AREA =	64,340 SF=	1.48 AC	100%
			100%

II. WATER QUALITY CRITERIA

A. COMPUTE FIRST INCH OF RUNOFF FROM TOTAL SITE

$$1"/12 \times \text{Total Acreage} = 0.12 \text{ AC-FT} = 1.48 \text{ AC-IN}$$

B. COMPUTE 2.5 TIMES THE % OF "WATER QUALITY" IMPERVIOUS

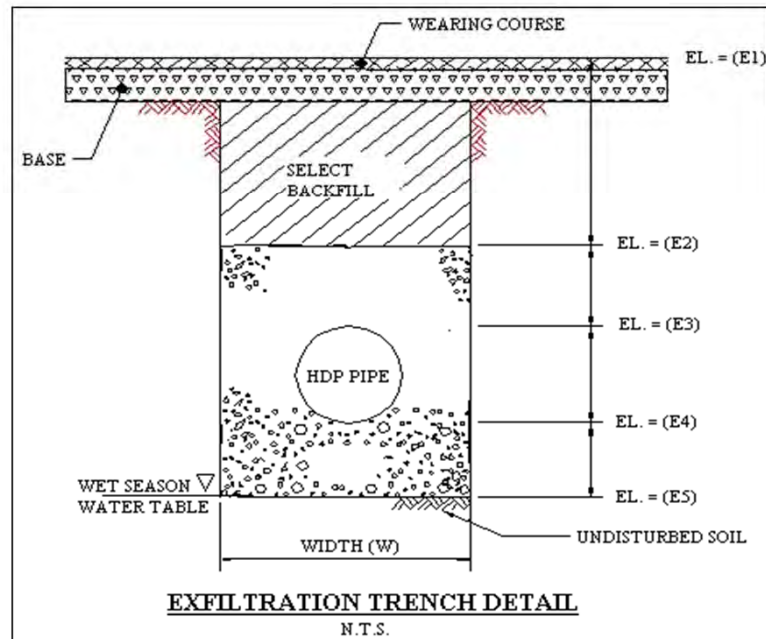
$$2.5" \times \% \text{ Imperv.} \times \text{Total Acreage} = 0.23 \text{ AC-FT} = 2.78 \text{ AC-IN}$$

III. WATER QUANTITY CRITERIA

A. COMPUTE THE 5-YR 1-HOUR VOLUME FOR TOTAL SITE

$$3.2" \times \text{Total Acreage} = 0.40 \text{ AC-FT} = 4.74 \text{ AC-IN}$$

DANIA CSCQ
FES Project No. 16-1340.00



E1 = 4.00 ft. NAVD
 E2 = 2.50 ft. NAVD
 E3 = 1.75 ft. NAVD
 E4 = 0.50 ft. NAVD
 E5 = -1.50 ft. NAVD
 Water Table = 0.50 ft. NAVD
 Width (W) = 8.00 ft.

$k_1 = 1.40E-04$ cfs / ft² - ft. head (Hydraulic Conductivity)
 $k_2 = 1.30E-04$ cfs / ft² - ft. head (Hydraulic Conductivity)
 $K = (k_1 + k_2) / 2 = 1.35E-04$ cfs / ft² - ft. head

L = 735 lineal feet of trench provided
 K = 1.35E-04 cfs / ft² - ft. head (Hydraulic Conductivity)
 D_U = 2.00 ft. (Non-Saturated Trench Depth) D_U = E2 - (The Shallower of Water Table or E5)
 D_S = 2.00 ft. (Saturated Trench Depth) D_S = (The Shallower of Water Table or E5) - E5
 H₂ = 3.50 ft. (Depth to water table) H₂ = E1 - (The Shallower of Water Table or E5)
 W = 8.00 ft. (Width of Trench)
 V_{wq} = 2.78 ac-in (Volume to be treated for water quality)
 %WQ = 0.50
 FS = 2.00

$$L_{wq} = \frac{FS[(\%WQ)(V_{wq})]}{K(H_2W + 2H_2D_U - D_U^2 + 2H_2D_S) + (0.000139)WD_U} = \frac{2.78}{0.0070 + 0.0022} = 301 \text{ LF}$$

L_{wq} = 301 lineal feet of trench required for water quality

V_{total} = V_{wq} + V_{qn} = 4.74 ac-in (Total Volume required to be treated for water quantity)
 V_{qn} = V_{total} - V_{wq} = 1.96 ac-in (Volume to be treated in addition to water quality for water quantity)

$$L_{qn} = \frac{FS[(\%WQ)(V_{wq}) + V_{qn}]}{K(H_2W + 2H_2D_U - D_U^2 + 2H_2D_S) + (0.000139)WD_U} = \frac{6.70}{0.0070 + 0.0022} = 725 \text{ LF}$$

L_{qn} = 725 lineal feet of trench required for water quantity

$$V_{add} = \frac{[L \times (K(H_2W + 2H_2D_U - D_U^2 + 2H_2D_S) + (0.000139)WD_U)] - V_{wq}}{FS} = \frac{[735 \times (0.0070 + 0.0022)] - 2.78}{2.00}$$

V_{add} = 2.01 ac-in (Volume provided in addition to V_{wq})

R. TANK DOUBLE MODULE

HEIGHT OF DESIGN SECTION = 2.82'

VOID RATIO = .958

REQUIRED VOLUME IS 1.0 AC-FT (43,560 CF)

R. TANK AREA REQUIRED

$$43,560 \text{ CF} \div 2.82 \text{ FT} = 15,447 \text{ SF} \div .95 = \underline{\underline{16,240 \text{ SF}}}$$



FLYNN ENGINEERING SERVICES, P.A.
CIVIL ENGINEERS
PHONE: (954) 522-1004
FAX: (954) 522-7630
EB# 6578

R. Tank Area Calculation

DANIA CSCQ

FES# 16-1340-00 REV#

date: 05/21/17

scale: NTS

drawn: DTS

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Client :

Job Number : 16-1340.00

Design Engineer :

Project Location : 2401 SW 31ST STREET

Section / Township (S)/ Range (E): _____ Plat Book / Page: _____ City: Dania Beach County: Broward State: Florida

Project Description : PRE DEVELOPMENT

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Total Project Acreage : 1.48 Acres

Total Drainage Basin(with offsite): 1.48 Acres

Federal Insurance Rate Map Information : Map No. 12011C0556H Date: 8-18-14 Zone AH Elev. 9 NAVD

Hydrogeologic Information :

RAINFALL DATA from SFWMD Tech. Pub. 81-3 May, 1981	1 Day Storm Event			3 Day Storm Event			Less Trench Ac-Ft
	Rainfall Inches	Runoff Inches	Runoff Ac-Ft	Rainfall Inches	Runoff Inches	Runoff Ac-Ft	
100 Year Return Period	13.00	7.40	0.91	17.67	11.57	1.43	
25 Year Return Period	10.70	5.45	0.67	14.54	8.75	1.08	
10 Year Return Period	8.50	3.70	0.46	11.55	6.16	0.76	
5 Year Return Period	7.50	2.95	0.36				
3 Year Return Period							

For Runoff estimation use USDA SCS formula

$$\text{Runoff (in.) } Q = \frac{(P-0.2S)^2}{P+0.8S}$$

Where: P = accumulated rainfall (in.)

S = Soil Storage Value

SUMMARY OF FLOOD ROUTING	DESIGN	Calculated 1 Day Storm Event		Calculated 3 Day Storm Event	
		Peak Stage	Peak Discharge	Peak Stage	Peak Discharge
100 Year Return Period	10.00	5.05	0.00	5.42	0.00
25 Year Return Period		4.76	0.00	5.17	0.00
10 Year Return Period		4.47	0.00		
5 Year Return Period	4.00	4.35	0.00		
3 Year Return Period					

Water Table Elevation (ft)= 0.50

Compacted Ground storage table

Depth to water table (Ft)	1.00	2.00	3.00	4.00
Ground storage(In)	0.45	1.88	4.05	6.75
Mean depth to ground water table (ft)=	4.00	(Pervious Area)		
Soil Storage (S) Value =	6.70			

Soil Storage Value (S) = Storage under pervious area / Total Area

Soil Storage under pavement and bldgs. is not considered, per SFWMD.

Time of Conc. (hr.) = 0.25

Water Quality Storage Requirements :

Based on Total Drainage Basin Acreage(with offsite)	Ac-Ft
1" x Area	
2.5" X % Imp. X Area (less bldg. & water,For water quality)	
2.5" X % Imp. X Area (Total site less water areas)	
.5" X Area (Pretreatment - Commercial projects Only)	

Based on Project Drainage Acreage(NO offsite)	Ac-Ft
1" x Area	
2.5" X % Imp. X Area (less bldg. & water,For water quality)	
2.5" X % Imp. X Area (Total site less water areas)	
.5" X Area (Pretreatment - Commercial projects Only)	

STORAGE SOURCE	Basin Storage (Ac-Ft)	Equivalent Wet Detention (Ac-Ft)	Project Storage (Ac-Ft)	Equivalent Wet Detention (Ac-Ft)
Retention				
Dry Detention				
Wet Detention				
Total Less Trench	0.00	0.00	0.00	0.00
Exfiltration Trench	0	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

PRE DEVELOPMENT CONDITIONS

Table 1 - Site Acreage Information

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Civil Engineering Services
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Project: DANIA CSCQ
PRE DEVELOPMENT CONDITIONS

Table 2 - Stage - Storage Information

Drainage Basin:		Receiving Water Body:		Runoff Formula:
SFWMD allowable discharge:	CFS	Project Acreage :	1.48	$Q = \text{Allowable runoff (CFS)}$ $A = \text{Drainage Area (Square Miles)}$

16-1340.00-SFWMDFPRE.xls; 5/10/2017; 10:59 AM Page 3 of 8

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Lauderdale By The Sea, FL; (954) 522-1004

Project: DANIA CSCQ
PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 4 - Soil Storage Information

[illegible]
$$\text{Soil Storage Value (S)} = \text{Storage under pervious area} / \text{Total Area}$$

S= 6.70

Soil Storage under pavement and buildings is not considered in computations

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**
PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Exfiltration Trench Design Information :

Hydraulic Conductivity Determination :

FALLING HEAD OPEN HOLE	Test 1	Test 2	Test 3	Test 4
Diameter of test hole (Ft)				
Height of water @ T1 (Ft)				
Height of water @ T2 (Ft)				
Saturated hole depth (Ft)				
Time , T2 - T1 (Sec)				

Hydraulic conductivity (Cfs/Ft ²)				
---	--	--	--	--

Avg.

USUAL OPEN HOLE	Test 1	Test 2	Test 3	Test 4
Diameter of test hole (Ft)				
Depth to water table (Ft)				
Saturated hole depth (Ft)				
Stabilized flow rate (Gpm)				

Hydraulic conductivity (Cfs/Ft ²)				
---	--	--	--	--

Avg.

Exfiltration Trench Information :

INPUT INFORMATION		
Depth To Top Of Trench (Ft)		
Trench Width (Ft)		
Trench Height (Ft)		
Low Pavement Elevation		
Avg. Hydraulic Conductivity (Cfs/Ft ²)		

Saturated Trench Depth	
Non-Saturated Trench Depth	
Volume Required (Ac-Ft)	
Depth To Water Table or Trench Bottom (Ft)	

Length Required (Ft)	
Length Provided (Ft)	

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Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 5 - Stage - Discharge Information

100 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	1.26	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	1.59	0.01	0.01	0.01	0.00	0.00	0.00	2.71	0.00	0.00	0.00
24.00	0.15	1.90	0.04	0.02	0.02	0.00	0.00	0.00	3.50	0.00	0.00	0.00
28.00	0.18	2.37	0.14	0.06	0.04	0.02	0.00	0.02	3.56	0.00	0.00	0.00
32.00	0.22	2.82	0.27	0.05	0.05	0.03	0.00	0.03	3.64	0.00	0.00	0.00
36.00	0.25	3.28	0.43	0.06	0.06	0.05	0.00	0.05	3.75	0.00	0.00	0.00
40.00	0.29	3.74	0.63	0.07	0.08	0.08	0.00	0.08	3.87	0.00	0.00	0.00
44.00	0.32	4.21	0.86	0.12	0.09	0.10	0.00	0.10	4.00	0.00	0.00	0.00
48.00	0.36	4.67	1.10	0.09	0.09	0.13	0.00	0.13	4.04	0.00	0.00	0.00
52.00	0.40	5.25	1.44	0.19	0.15	0.17	0.00	0.17	4.10	0.00	0.00	0.00
56.00	0.50	6.45	2.21	0.42	0.38	0.26	0.00	0.26	4.22	0.00	0.00	0.00
58.00	0.57	7.44	2.90	0.62	0.60	0.35	0.00	0.35	4.33	0.00	0.00	0.00
59.00	0.63	8.16	3.44	0.93	0.87	0.41	0.00	0.41	4.41	0.00	0.00	0.00
59.50	0.68	8.81	3.94	1.50	1.35	0.46	0.00	0.46	4.48	0.00	0.00	0.00
59.75	0.85	11.01	5.71	10.58	4.48	0.55	0.00	0.55	4.60	0.00	0.00	0.00
60.00	1.02	13.20	7.57	11.11	8.72	0.73	0.00	0.73	4.84	0.00	0.00	0.00
60.50	1.09	14.14	8.40	2.46	4.14	0.97	0.00	0.97	5.09	0.00	0.00	0.00
61.00	1.13	14.64	8.84	1.31	1.75	1.06	0.00	1.06	5.15	0.00	0.00	0.00
62.00	1.18	15.30	9.43	0.76	0.85	1.15	0.00	1.15	5.22	0.00	0.00	0.00
64.00	1.24	16.11	10.16	0.49	0.52	1.24	0.00	1.24	5.29	0.00	0.00	0.00
68.00	1.31	17.04	11.00	0.28	0.32	1.35	0.00	1.35	5.36	0.00	0.00	0.00
72.00	1.36	17.67	11.57	0.21	0.21	1.42	0.00	1.42	5.42	0.00	0.00	0.00
Peak stage						5.42	At hour	72.00				
Peak discharge						0.00	At hour	0.00				

Table 6 - Stage - Discharge Information

25 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	1.56	0.01	0.01	0.01	0.00	0.00	0.00	2.68	0.00	0.00	0.00
28.00	0.18	1.95	0.05	0.03	0.02	0.01	0.00	0.01	3.51	0.00	0.00	0.00
32.00	0.22	2.32	0.13	0.03	0.03	0.01	0.00	0.01	3.55	0.00	0.00	0.00
36.00	0.25	2.70	0.23	0.04	0.04	0.03	0.00	0.03	3.62	0.00	0.00	0.00
40.00	0.29	3.08	0.36	0.05	0.05	0.04	0.00	0.04	3.70	0.00	0.00	0.00
44.00	0.32	3.47	0.51	0.08	0.06	0.06	0.00	0.06	3.80	0.00	0.00	0.00
48.00	0.36	3.84	0.68	0.06	0.06	0.08	0.00	0.08	3.90	0.00	0.00	0.00
52.00	0.40	4.32	0.92	0.13	0.11	0.11	0.00	0.11	4.01	0.00	0.00	0.00
56.00	0.50	5.31	1.47	0.31	0.28	0.18	0.00	0.18	4.10	0.00	0.00	0.00
58.00	0.57	6.12	1.99	0.46	0.45	0.24	0.00	0.24	4.18	0.00	0.00	0.00
59.00	0.63	6.72	2.39	0.70	0.65	0.28	0.00	0.28	4.24	0.00	0.00	0.00
59.50	0.68	7.25	2.77	1.14	1.03	0.32	0.00	0.32	4.29	0.00	0.00	0.00
59.75	0.85	9.06	4.13	8.13	3.43	0.39	0.00	0.39	4.39	0.00	0.00	0.00
60.00	1.02	10.86	5.59	8.67	6.74	0.53	0.00	0.53	4.58	0.00	0.00	0.00
60.50	1.09	11.64	6.24	1.93	3.23	0.72	0.00	0.72	4.83	0.00	0.00	0.00
61.00	1.13	12.05	6.58	1.03	1.37	0.79	0.00	0.79	4.92	0.00	0.00	0.00
62.00	1.18	12.59	7.05	0.60	0.67	0.86	0.00	0.86	5.01	0.00	0.00	0.00
64.00	1.24	13.26	7.63	0.39	0.42	0.93	0.00	0.93	5.06	0.00	0.00	0.00
68.00	1.31	14.03	8.30	0.22	0.25	1.02	0.00	1.02	5.12	0.00	0.00	0.00
72.00	1.36	14.54	8.75	0.17	0.17	1.08	0.00	1.08	5.17	0.00	0.00	0.00
Peak stage						5.17	At hour	72.00				
Peak discharge						0.00	At hour	0.00				

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 7 - Stage - Discharge Information

10 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	1.04	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
28.00	0.18	1.55	0.01	0.01	0.01	0.00	0.00	0.00	2.65	0.00	0.00	0.00
32.00	0.22	1.84	0.04	0.01	0.01	0.00	0.00	0.00	3.48	0.00	0.00	0.00
36.00	0.25	2.14	0.09	0.02	0.02	0.01	0.00	0.01	3.53	0.00	0.00	0.00
40.00	0.29	2.45	0.16	0.03	0.03	0.02	0.00	0.02	3.58	0.00	0.00	0.00
44.00	0.32	2.75	0.25	0.05	0.04	0.03	0.00	0.03	3.63	0.00	0.00	0.00
48.00	0.36	3.05	0.35	0.04	0.04	0.04	0.00	0.04	3.70	0.00	0.00	0.00
52.00	0.40	3.43	0.50	0.08	0.07	0.06	0.00	0.06	3.79	0.00	0.00	0.00
56.00	0.50	4.22	0.86	0.21	0.19	0.10	0.00	0.10	4.00	0.00	0.00	0.00
58.00	0.57	4.86	1.21	0.32	0.30	0.14	0.00	0.14	4.06	0.00	0.00	0.00
59.00	0.63	5.34	1.49	0.49	0.45	0.17	0.00	0.17	4.10	0.00	0.00	0.00
59.50	0.68	5.76	1.76	0.80	0.72	0.20	0.00	0.20	4.13	0.00	0.00	0.00
59.75	0.85	7.20	2.73	5.82	2.44	0.25	0.00	0.25	4.20	0.00	0.00	0.00
60.00	1.02	8.63	3.79	6.34	4.87	0.35	0.00	0.35	4.34	0.00	0.00	0.00
60.50	1.09	9.25	4.28	1.43	2.37	0.49	0.00	0.49	4.52	0.00	0.00	0.00
61.00	1.13	9.57	4.54	0.77	1.02	0.54	0.00	0.54	4.59	0.00	0.00	0.00
62.00	1.18	10.00	4.88	0.45	0.50	0.59	0.00	0.59	4.66	0.00	0.00	0.00
64.00	1.24	10.53	5.31	0.29	0.31	0.65	0.00	0.65	4.74	0.00	0.00	0.00
68.00	1.31	11.14	5.82	0.17	0.19	0.71	0.00	0.71	4.82	0.00	0.00	0.00
72.00	1.36	11.55	6.16	0.13	0.13	0.76	0.00	0.76	4.88	0.00	0.00	0.00
Peak stage						4.88	At hour	72.00				
Peak discharge						0.00	At hour	0.00				

Table 8 - Stage - Discharge Information

5 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
28.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
32.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
36.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
40.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
44.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
48.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
52.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
56.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
58.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.50	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.75	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.50	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
61.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
62.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
64.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
68.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
72.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Peak stage						0.50	At hour	0.00				
Peak discharge						0.00	At hour	0.00				

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

PRE DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 9 - Stage - Discharge Information

3 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
28.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
32.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
36.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
40.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
44.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
48.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
52.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
56.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
58.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.50	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.75	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.50	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
61.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
62.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
64.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
68.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
72.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Peak stage						0.50	At hour	0.00				
Peak discharge						0.00	At hour	0.00				

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Client :

Job Number : 16-1340.00

Design Engineer :

Project Location : 2401 SW 31ST STREET

Section / Township (S)/ Range (E): _____ Plat Book / Page: _____ City: Dania Beach County: Broward State: Florida

Project Description : POST DEVELOPMENT

Total Project Acreage : 1.48 Acres

Total Drainage Basin(with offsite): 1.48 Acres

Federal Insurance Rate Map Information : Map No. 12011C0556H Date: 8-18-14 Zone AH Elev. 9 NAVD

Hydrogeologic Information :

RAINFALL DATA from SFWMD Tech. Pub. 81-3 May, 1981	1 Day Storm Event			3 Day Storm Event			Less Trench Ac-Ft
	Rainfall Inches	Runoff Inches	Runoff Ac-Ft	Rainfall Inches	Runoff Inches	Runoff Ac-Ft	
100 Year Return Period	13.00	11.26	1.39	17.67	15.89	1.96	
25 Year Return Period	10.70	9.00	1.11	14.54	12.79	1.58	
10 Year Return Period	8.50	6.85	0.84	11.55	9.83	1.21	
5 Year Return Period	7.50	5.87	0.72				
3 Year Return Period							

For Runoff estimation use USDA SCS formula

$$\text{Runoff (in.) } Q = \frac{(P-0.2S)^2}{P+0.8S}$$

Where: P = accumulated rainfall (in.)

S = Soil Storage Value

SUMMARY OF FLOOD ROUTING	DESIGN	Calculated 1 Day Storm Event		Calculated 3 Day Storm Event	
		Peak Stage	Peak Discharge	Peak Stage	Peak Discharge
100 Year Return Period	10.00	3.58	0.00	5.43	0.00
25 Year Return Period		3.56	0.00	5.01	0.00
10 Year Return Period		2.91	0.00		
5 Year Return Period	4.00	2.57	0.00		
3 Year Return Period		0.50	0.00		

Water Table Elevation (ft)= 0.50

Compacted Ground storage table

Depth to water table (Ft)	1.00	2.00	3.00	4.00
Ground storage(In)	0.45	1.88	4.05	6.75
Mean depth to ground water table (ft)=	4.50	(Pervious Area)		
Soil Storage (S) Value =	1.60			

Soil Storage Value (S) = Storage under pervious area / Total Area
Soil Storage under pavement and bldgs. is not considered, per SFWMD.

Time of Conc. (hr.) = 0.25

Water Quality Storage Requirements :

Based on Total Drainage Basin Acreage(with offsite)	Ac-Ft
1" x Area	
2.5" X % Imp. X Area (less bldg. & water,For water quality)	
2.5" X % Imp. X Area (Total site less water areas)	
.5" X Area (Pretreatment - Commercial projects Only)	

Based on Project Drainage Acreage(NO offsite)	Ac-Ft
1" x Area	
2.5" X % Imp. X Area (less bldg. & water,For water quality)	
2.5" X % Imp. X Area (Total site less water areas)	
.5" X Area (Pretreatment - Commercial projects Only)	

STORAGE SOURCE	Basin Storage (Ac-Ft)	Equivalent Wet Detention (Ac-Ft)	Project Storage (Ac-Ft)	Equivalent Wet Detention (Ac-Ft)
Retention				
Dry Detention				
Wet Detention				
Total Less Trench	0.00	0.00	0.00	0.00
Exfiltration Trench	1.4	1.40	0.00	0.00
Total	1.40	1.40	0.00	0.00

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Project: DANIA CSCQ

Date : 5/10/17

[illegible]

Project % Imper. for Water Quality Purposes =	73.28
Project % Impervious (incl. Bldg., No lakes)=	76.35

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Project: DANIA CSCQ
POST DEVELOPMENT CONDITIONS

Table 2 - Stage - Storage Information

Drainage Basin:		Receiving Water Body:		Runoff Formula:
SFWMD allowable discharge:	CFS	Project Acreage :	1.48	$Q = \text{Allowable runoff (CFS)}$ $A = \text{Drainage Area (Square Miles)}$

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Project: DANIA CSCQ
POST DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 4 - Soil Storage Information

[illegible]
$$\text{Soil Storage Value (S)} = \text{Storage under pervious area} / \text{Total Area}$$

S= 1.60

Soil Storage under pavement and buildings is not considered in computations

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**
POST DEVELOPMENT CONDITIONS

Date : 5/10/17

Exfiltration Trench Design Information :

Hydraulic Conductivity Determination :

FALLING HEAD OPEN HOLE	Test 1	Test 2	Test 3	Test 4
Diameter of test hole (Ft)				
Height of water @ T1 (Ft)				
Height of water @ T2 (Ft)				
Saturated hole depth (Ft)				
Time , T2 - T1 (Sec)				

Hydraulic conductivity (Cfs/Ft ²)				
---	--	--	--	--

Avg.

USUAL OPEN HOLE	Test 1	Test 2	Test 3	Test 4
Diameter of test hole (Ft)				
Depth to water table (Ft)				
Saturated hole depth (Ft)				
Stabilized flow rate (Gpm)				

Hydraulic conductivity (Cfs/Ft ²)				
---	--	--	--	--

Avg.

Exfiltration Trench Information :

INPUT INFORMATION		
Depth To Top Of Trench (Ft)		
Trench Width (Ft)		
Trench Height (Ft)		
Low Pavement Elevation		
Avg. Hydraulic Conductivity (Cfs/Ft ²)		

Saturated Trench Depth	
Non-Saturated Trench Depth	
Volume Required (Ac-Ft)	
Depth To Water Table or Trench Bottom (Ft)	

Length Required (Ft)	
Length Provided (Ft)	

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Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

POST DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 5 - Stage - Discharge Information

100 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.64	0.05	0.05	0.03	0.01	0.00	0.01	0.51	0.00	0.00	0.00
12.00	0.07	0.95	0.18	0.07	0.05	0.02	0.00	0.02	0.55	0.00	0.00	0.00
16.00	0.10	1.26	0.35	0.05	0.07	0.04	0.00	0.04	0.60	0.00	0.00	0.00
20.00	0.12	1.59	0.56	0.11	0.08	0.07	0.00	0.07	0.67	0.00	0.00	0.00
24.00	0.15	1.90	0.79	0.12	0.09	0.09	0.00	0.09	0.74	0.00	0.00	0.00
28.00	0.18	2.37	1.15	0.19	0.15	0.14	0.00	0.14	0.85	0.00	0.00	0.00
32.00	0.22	2.82	1.53	0.13	0.14	0.19	0.00	0.19	1.03	0.00	0.00	0.00
36.00	0.25	3.28	1.92	0.14	0.14	0.23	0.00	0.23	1.17	0.00	0.00	0.00
40.00	0.29	3.74	2.34	0.14	0.15	0.29	0.00	0.29	1.32	0.00	0.00	0.00
44.00	0.32	4.21	2.76	0.21	0.17	0.34	0.00	0.34	1.47	0.00	0.00	0.00
48.00	0.36	4.67	3.18	0.14	0.15	0.39	0.00	0.39	1.62	0.00	0.00	0.00
52.00	0.40	5.25	3.73	0.29	0.24	0.45	0.00	0.45	1.80	0.00	0.00	0.00
56.00	0.50	6.45	4.86	0.59	0.54	0.59	0.00	0.59	2.19	0.00	0.00	0.00
58.00	0.57	7.44	5.81	0.82	0.80	0.70	0.00	0.70	2.51	0.00	0.00	0.00
59.00	0.63	8.16	6.52	1.21	1.13	0.78	0.00	0.78	2.74	0.00	0.00	0.00
59.50	0.68	8.81	7.15	1.89	1.73	0.84	0.00	0.84	2.92	0.00	0.00	0.00
59.75	0.85	11.01	9.30	12.85	5.49	0.96	0.00	0.96	3.25	0.00	0.00	0.00
60.00	1.02	13.20	11.46	12.85	10.39	1.17	0.00	1.17	3.11	0.00	0.00	0.00
60.50	1.09	14.14	12.39	2.76	4.76	1.45	0.00	1.45	4.30	0.00	0.00	0.00
61.00	1.13	14.64	12.88	1.46	1.97	1.55	0.00	1.55	4.92	0.00	0.00	0.00
62.00	1.18	15.30	13.54	0.85	0.95	1.65	0.00	1.65	5.09	0.00	0.00	0.00
64.00	1.24	16.11	14.34	0.54	0.58	1.76	0.00	1.76	5.21	0.00	0.00	0.00
68.00	1.31	17.04	15.27	0.31	0.35	1.88	0.00	1.88	5.34	0.00	0.00	0.00
72.00	1.36	17.67	15.89	0.23	0.23	1.95	0.00	1.95	5.43	0.00	0.00	0.00
Peak stage						5.43	At hour	72.00				
Peak discharge						0.00	At hour	0.00				

Table 6 - Stage - Discharge Information

25 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.52	0.02	0.03	0.02	0.00	0.00	0.00	0.51	0.00	0.00	0.00
12.00	0.07	0.78	0.10	0.05	0.04	0.01	0.00	0.01	0.53	0.00	0.00	0.00
16.00	0.10	1.04	0.22	0.03	0.05	0.03	0.00	0.03	0.57	0.00	0.00	0.00
20.00	0.12	1.31	0.38	0.08	0.06	0.05	0.00	0.05	0.61	0.00	0.00	0.00
24.00	0.15	1.56	0.54	0.09	0.06	0.07	0.00	0.07	0.66	0.00	0.00	0.00
28.00	0.18	1.95	0.82	0.14	0.11	0.10	0.00	0.10	0.75	0.00	0.00	0.00
32.00	0.22	2.32	1.11	0.10	0.11	0.14	0.00	0.14	0.84	0.00	0.00	0.00
36.00	0.25	2.70	1.42	0.11	0.11	0.17	0.00	0.17	1.00	0.00	0.00	0.00
40.00	0.29	3.08	1.75	0.11	0.12	0.21	0.00	0.21	1.11	0.00	0.00	0.00
44.00	0.32	3.47	2.09	0.17	0.13	0.25	0.00	0.25	1.23	0.00	0.00	0.00
48.00	0.36	3.84	2.42	0.12	0.12	0.30	0.00	0.30	1.35	0.00	0.00	0.00
52.00	0.40	4.32	2.86	0.23	0.20	0.35	0.00	0.35	1.50	0.00	0.00	0.00
56.00	0.50	5.31	3.78	0.48	0.44	0.46	0.00	0.46	1.81	0.00	0.00	0.00
58.00	0.57	6.12	4.55	0.67	0.65	0.55	0.00	0.55	2.07	0.00	0.00	0.00
59.00	0.63	6.72	5.12	0.98	0.92	0.61	0.00	0.61	2.26	0.00	0.00	0.00
59.50	0.68	7.25	5.64	1.54	1.41	0.66	0.00	0.66	2.41	0.00	0.00	0.00
59.75	0.85	9.06	7.39	10.48	4.48	0.76	0.00	0.76	2.67	0.00	0.00	0.00
60.00	1.02	10.86	9.15	10.51	8.49	0.93	0.00	0.93	3.18	0.00	0.00	0.00
60.50	1.09	11.64	9.92	2.26	3.90	1.16	0.00	1.16	3.08	0.00	0.00	0.00
61.00	1.13	12.05	10.32	1.20	1.61	1.24	0.00	1.24	3.27	0.00	0.00	0.00
62.00	1.18	12.59	10.86	0.69	0.78	1.32	0.00	1.32	3.45	0.00	0.00	0.00
64.00	1.24	13.26	11.52	0.44	0.47	1.41	0.00	1.41	4.07	0.00	0.00	0.00
68.00	1.31	14.03	12.28	0.25	0.28	1.51	0.00	1.51	4.65	0.00	0.00	0.00
72.00	1.36	14.54	12.79	0.19	0.19	1.57	0.00	1.57	5.01	0.00	0.00	0.00
Peak stage						5.01	At hour	72.00				
Peak discharge						0.00	At hour	0.00				

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

POST DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 7 - Stage - Discharge Information

10 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.42	0.01	0.01	0.01	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.62	0.05	0.03	0.02	0.01	0.00	0.01	0.51	0.00	0.00	0.00
16.00	0.10	0.82	0.12	0.02	0.03	0.01	0.00	0.01	0.54	0.00	0.00	0.00
20.00	0.12	1.04	0.22	0.05	0.04	0.03	0.00	0.03	0.57	0.00	0.00	0.00
24.00	0.15	1.24	0.34	0.06	0.05	0.04	0.00	0.04	0.60	0.00	0.00	0.00
28.00	0.18	1.55	0.53	0.10	0.08	0.06	0.00	0.06	0.66	0.00	0.00	0.00
32.00	0.22	1.84	0.75	0.07	0.08	0.09	0.00	0.09	0.73	0.00	0.00	0.00
36.00	0.25	2.14	0.97	0.08	0.08	0.12	0.00	0.12	0.80	0.00	0.00	0.00
40.00	0.29	2.45	1.22	0.08	0.09	0.15	0.00	0.15	0.87	0.00	0.00	0.00
44.00	0.32	2.75	1.47	0.13	0.10	0.18	0.00	0.18	1.01	0.00	0.00	0.00
48.00	0.36	3.05	1.72	0.09	0.09	0.21	0.00	0.21	1.11	0.00	0.00	0.00
52.00	0.40	3.43	2.06	0.18	0.15	0.25	0.00	0.25	1.22	0.00	0.00	0.00
56.00	0.50	4.22	2.76	0.37	0.34	0.33	0.00	0.33	1.46	0.00	0.00	0.00
58.00	0.57	4.86	3.36	0.52	0.51	0.40	0.00	0.40	1.66	0.00	0.00	0.00
59.00	0.63	5.34	3.81	0.76	0.72	0.45	0.00	0.45	1.80	0.00	0.00	0.00
59.50	0.68	5.76	4.21	1.20	1.10	0.50	0.00	0.50	1.92	0.00	0.00	0.00
59.75	0.85	7.20	5.58	8.21	3.50	0.57	0.00	0.57	2.13	0.00	0.00	0.00
60.00	1.02	8.63	6.97	8.27	6.66	0.71	0.00	0.71	2.52	0.00	0.00	0.00
60.50	1.09	9.25	7.57	1.78	3.07	0.88	0.00	0.88	3.04	0.00	0.00	0.00
61.00	1.13	9.57	7.89	0.94	1.27	0.95	0.00	0.95	3.23	0.00	0.00	0.00
62.00	1.18	10.00	8.31	0.55	0.61	1.01	0.00	1.01	3.41	0.00	0.00	0.00
64.00	1.24	10.53	8.83	0.35	0.37	1.08	0.00	1.08	2.91	0.00	0.00	0.00
68.00	1.31	11.14	9.43	0.20	0.22	1.16	0.00	1.16	3.08	0.00	0.00	0.00
72.00	1.36	11.55	9.83	0.15	0.15	1.21	0.00	1.21	3.19	0.00	0.00	0.00
Peak stage						3.56	At hour	63.50				
Peak discharge						0.00	At hour	0.00				

Table 8 - Stage - Discharge Information

5 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
28.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
32.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
36.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
40.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
44.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
48.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
52.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
56.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
58.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.50	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.75	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.50	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
61.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
62.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
64.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
68.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
72.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Peak stage						0.50	At hour	0.00				
Peak discharge						0.00	At hour	0.00				

Flynn Engineering

Civil Engineering Services
Lauderdale By The Sea, FL; (954) 522-1004

Santa Barbara Urban Hydrograph Flood Routing, based on South Florida Water Management District Program

Project: **DANIA CSCQ**

POST DEVELOPMENT CONDITIONS

Date : 5/10/17

Table 9 - Stage - Discharge Information

3 - YEAR STORM EVENT

TIME STEP (HOUR)	Rain Fall Ratio	Rain C*P (In)	Q Scs (In)	Inst Q In (Cfs)	Sbuh Q (Cfs)	Tot Q In (Ac-Ft)	Sumq Out (Ac-Ft)	Stored Vol (Ac-Ft)	Stage Lk-Up (Feet)	Inst Q Lkup (Cfs)	Avg. Q Out (Cfs)	Step Qout (Ac-Ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
4.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
8.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
12.00	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
16.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
20.00	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
24.00	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
28.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
32.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
36.00	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
40.00	0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
44.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
48.00	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
52.00	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
56.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
58.00	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.50	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
59.75	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
60.50	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
61.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
62.00	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
64.00	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
68.00	1.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
72.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Peak stage						0.50	At hour	0.00				
Peak discharge						0.00	At hour	0.00				



May 12, 2017

Raul Cosme

CITY OF DANIA BEACH

BSO Department of Fire Rescue & Emergency Services

103 West Dania Beach Boulevard

Dania Beach, FL 33004

RE: **CORALUZZO – DANIA BEACH**
FES No. 16-1340.00

Dear Raul:

This letter is in response to the Fire DRC review comments provided for this permit application dated April 10, 2017. Listed below are itemized responses to each of the civil engineering related comments:

Fire Comments

1. The site plan is provided by the architect. Refer to architects response.
2. Refer to the site plan provided by the architect for fire department access info. Refer to architects response.
3. Water supply information is shown on plan C3.
4. The fire hydrant flow test, Application For Approval Of The Fire Protection Water Supply Design form, and statement of verification letter are enclosed.
5. Additional water supply information is shown on plan C3.
6. A detail sheet C5 is enclosed.
7. The address detail is provided by the architect. Refer to architects response.
8. The egress plan is provided by the architect. Refer to architects response.
9. The radio signal strength is handled by the architect. Refer to architects response.
10. A complete set of the approved plans in pdf format on CD will be provided.

If you have any questions or require any additional information, please call.

Sincerely,

FLYNN ENGINEERING SERVICES, P.A.

Dennis Shultz, P.E.

241 COMMERCIAL BLVD.
LAUDERDALE-BY-THE-SEA, FL 33308

PHONE: (954) 522-1004
FAX: (954) 522-7630

www.flynnengineering.com

X:\2016 jobs\16-1340.00 Dania CSCQ\CITY DRC RESPONSE FIRE.doc



BROWARD SHERIFF'S OFFICE
DEPARTMENT OF FIRE RESCUE AND EMERGENCY SERVICES
FIRE MARSHAL'S BUREAU
DANIA BEACH DISTRICT
103 West Dania Beach Boulevard
Dania Beach, FL 33004
Phone: (954) 342-4262
Fax: (954) 342-4265



APPLICATION FOR APPROVAL OF THE FIRE PROTECTION WATER SUPPLY DESIGN

Date of Application: 05-12-17
Site Plan Application #: SP-029-17
Name of Project/Development: CORALUZZO ~~RESIDENTIAL DEVELOPMENT~~
Address of Project/Development: 2401 SW 31st STREET
Owner/Agent: _____
Design Professional of Record: DENNIS SHULTZ, PE - FLYNN ENGINEERING
Water Purveyor: BCWWS
Water Purveyor Address: 2555 W. Copans Road, Pompano Beach, FL 33069

In order for the Broward Sheriff's Office, Department of Fire Rescue, Fire Marshal's Bureau to provide an approval letter for the adequacy of the fire protection water supply design for the above referenced project, the following information must be provided:

Affirmation of Compliance with Fire Protection Water Supply Design Requirements:

1. The Type of Construction" is II (000) in accordance with NFPA 220.
2. The total fire protection water supply needed for manual firefighting (fire flow) and fire sprinkler/standpipe operations is 1500 gallons per minute. (In compliance with water supply requirements for manual firefighting operations in accordance NFPA 1 (2012 Ed.), Chapter 18, Section 18.4 and the Broward County Land Development Code; and the water supply necessary for fire sprinkler and standpipe operations in accordance with the currently adopted editions of NFPA 13 and NFPA 14).
3. Statement of verification from the design professional of record, on official company letterhead, that the proposed water main sizing, fire hydrant spacing, and fire hydrant locations, are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code. (Attach signed and sealed document).

This will affirm that the above stated information and attached statement of verification for this project/development is accurate and can be relied on for the requested approval letter to the applicable water purveyor.

Signature - Owner/Agent/Occupant:

Date

Signature - Design Professional of Record

Date



BOARD OF COUNTY COMMISSIONERS
WATER AND WASTEWATER SERVICES (WWS)
2555 W. COPANS RD., BLDG. 1
POMPANO BEACH FL 33069
(954) 831-3250 FAX (954) 831-0789

FIRE HYDRANT PRESSURE & FLOW TEST APPLICATION

Instructions:

Complete the following and indicate service required by placing a check mark in the appropriate square. Sign, date, and return to WWS along with payment. Please include a map or sketch illustrating the location of the testing area or hydrants to be tested.

(1) APPLICATION FOR:

- ☐ 24-Hour Pressure Test with Chart Reading.....\$150.00
- ☒ Pressure and Flow Test including 24 hour chart recording.....\$200.00
- ☐ Tapping into Main (if necessary to accomplish any of the above, in addition to all other charges).....\$300.00

(2) APPLICANT NAME: DENNIS SHULTZ
Contact Person

(3) COMPANY NAME: FLYNN ENGINEERING

(4) MAILING ADDRESS: 241 COMMERCIAL BLVD. LAUDERDALE BEACH, FL 33308
Number, Street, City, State and Zip Code

(5) LOCATION ADDRESS: 2401 SW 31ST ST, DANIA BEACH, FL
Number, Street, City, and Zip Code

(6) PHONE NO: 954-522-1004 FAX NO: 954-522-7630

(7) E-MAIL ADDRESS: dshultz@flynengineering.com

(8) SIGNATURE: [Signature] DATE: 05-02-07

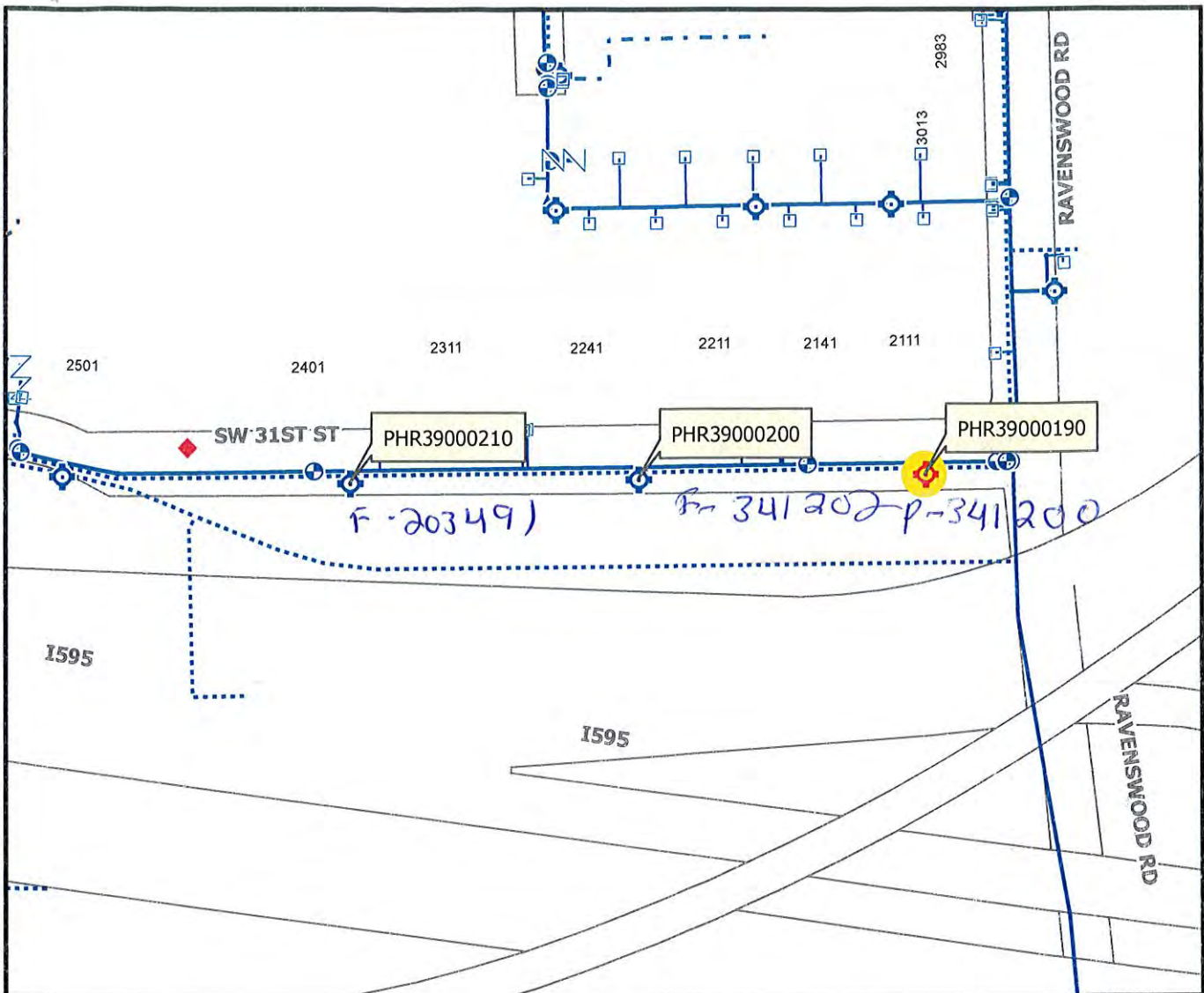
Allow a maximum of ten (10) working days to be notified of results of test(s).
Customer is contacted by phone.

APPLICATION PACKAGE CAN BE SUBMITTED BY:

Mail: Broward County WWS
PO Box 669300
Pompano Beach, FL 33066-9300

In Person: Broward County WWS
Customer Service Office
2555 W. Copans Rd., Bldg. 1
Pompano Beach, FL 33069

MAKE CHECKS PAYABLE TO: Broward County WWS



Item	Data
Data Type	Retail Potable Water Hydrants
Facility ID	PHR39000190
Anti-Terrorist Valve	External
District	PHRD3A
UAZ	303
Location	SW 31 ST
Cross Street	2111 SW 31 ST
City	Dania Beach
Zip Code	33312
State Plane Northing	636,966
State Plane Easting	928,152
X/Y Source	Record Drawing
Year Installed	2012
Operational Status	Operational
Comments	



FLYNN ENGINEERING
2401 SW 31 ST
WO- 841289

Approx. Scale: 1 inch = 200 feet



One Inch At Original Size

Data Date: 03-31-2017 at 09:32:57
BCWWS Facilities GIS information comes from a combination of field observations, record drawings and inherited maps from private utilities. Most of the locational data came from 1IN = 150 FT scale paper maps. Mission critical data should be field verified. Broward County assumes no liability for damages arising from errors or omissions.

927817:636936

SITE
2401 SW 31st ST
DANIA BEACH, FL





Public Works Department
WATER AND WASTEWATER SERVICES

2555 West Copans Road, Pompano Beach, Florida 954-831-0704 FAX 954-831-0708

HYDRANT FLOW AND PRESSURE TEST RESULTS

DATE: 5/22/2017

WORK ORDER: 841289

CUSTOMER NAME: Flynn Engineering

ADDRESS: 241 Commercial Blvd, Lauderdale by the Sea, FL 33308

PHONE # 954-522-1004

FAX# 954-522-7630

LOCATION: 2401 SW 31st St, Dania Beach, FL 33312

HYDRANT #1: PHR39000190

LOGGER SN# 341200

HYDRANT #2: PHR39000200

LOGGER SN# 341202

HYDRANT #3: PHR39000210

LOGGER SN# 203491

HYDRANT # 1	DATE	TIME	PRESSURE
STATIC	5/22/2017	9:16:50 AM	78.46 PSI
RESIDUAL	5/22/2017	9:31:25 AM	67.96 PSI

HYDRANT # 2	DATE	TIME	
FLOW Single	5/22/2017	9:25:55 AM	1,165.9 GPM
PRESSURE	5/22/2017	9:25:55 AM	69.35 PSI

HYDRANT # 2	DATE	TIME	
FLOW Dual	5/22/2017	9:31:25 AM	1,025.3 GPM
PRESSURE	5/22/2017	9:31:25 AM	67.96 PSI

HYDRANT # 3	DATE	TIME	
FLOW Dual	5/22/2017	9:31:25 AM	1,010.4 GPM
PRESSURE	5/22/2017	9:31:25 AM	67.96 PSI

Flow calculated with a discharge coefficient of .90

EQUIPMENT USED:

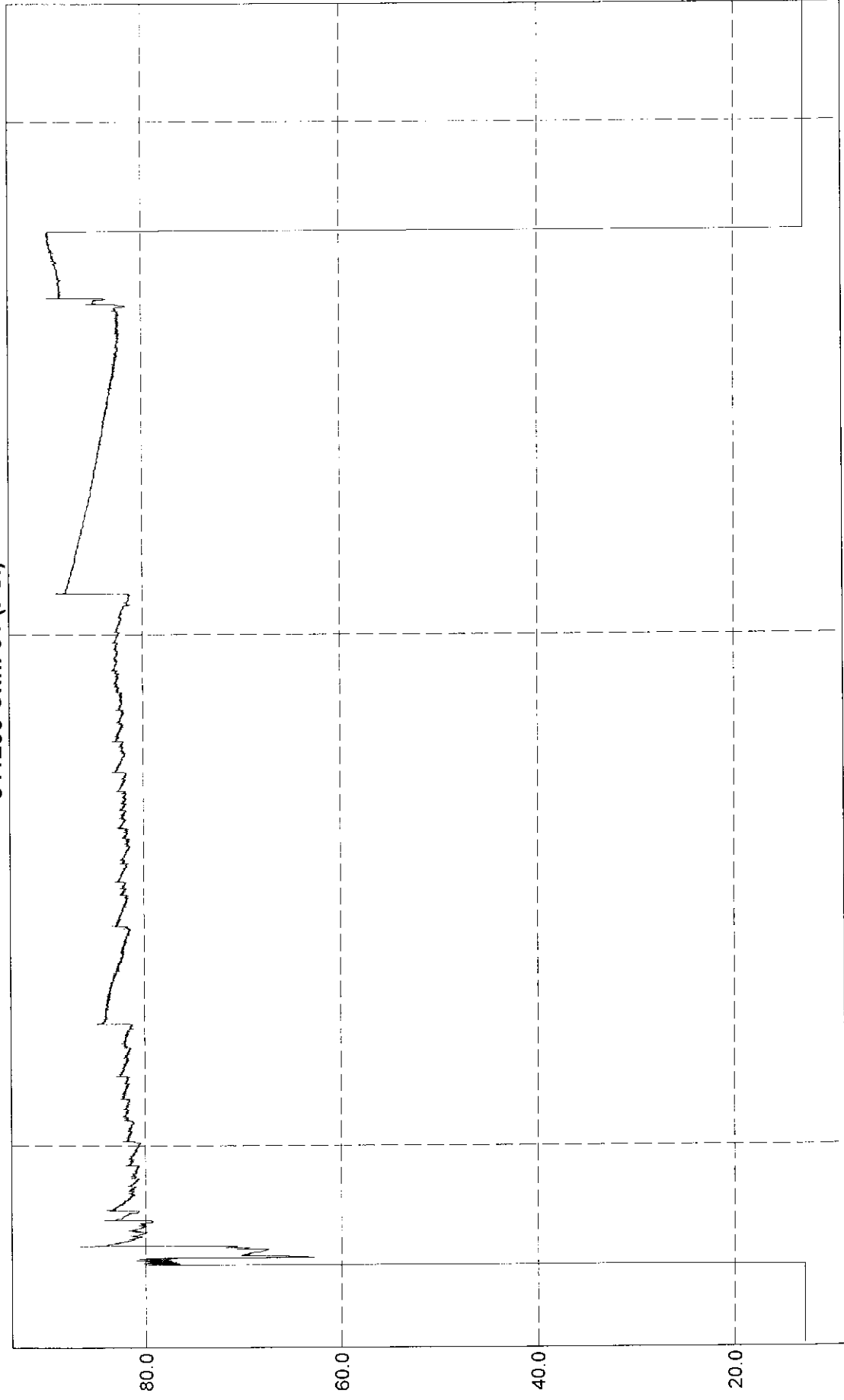
TELOGER model HPR-31 SN# 341202

TELOGER model HPR-31 SN# 203491

TELOGER model HPR-31 SN# 341200

POLLARD DIFFUSER 2.5 in

341200 Chnl 01 (PSI)



341200 Chnl 01 (PSI)



Channel Plot 1:

	Time	341200 Chnl 01 Avg
1392	5/22/2017 9:15:20 AM	77.827
1393	5/22/2017 9:15:25 AM	78.852
1394	5/22/2017 9:15:30 AM	78.974
1395	5/22/2017 9:15:35 AM	79.658
1396	5/22/2017 9:15:40 AM	79.243
1397	5/22/2017 9:15:45 AM	77.192
1398	5/22/2017 9:15:50 AM	78.877
1399	5/22/2017 9:15:55 AM	79.512
1400	5/22/2017 9:16:00 AM	78.926
1401	5/22/2017 9:16:05 AM	77.045
1402	5/22/2017 9:16:10 AM	76.63
1403	5/22/2017 9:16:15 AM	78.388
1404	5/22/2017 9:16:20 AM	78.632
1405	5/22/2017 9:16:25 AM	77.998
1406	5/22/2017 9:16:30 AM	77.192
1407	5/22/2017 9:16:35 AM	78.315
1408	5/22/2017 9:16:40 AM	79.17
1409	5/22/2017 9:16:45 AM	78.706
1410	5/22/2017 9:16:50 AM	78.462
1411	5/22/2017 9:16:55 AM	78.779
1412	5/22/2017 9:17:00 AM	79.707
1413	5/22/2017 9:17:05 AM	80.22
1414	5/22/2017 9:17:10 AM	79.487
1415	5/22/2017 9:17:15 AM	79.072
1416	5/22/2017 9:17:20 AM	79.951
1417	5/22/2017 9:17:25 AM	80.684
1418	5/22/2017 9:17:30 AM	79.121
1419	5/22/2017 9:17:35 AM	77.338
1420	5/22/2017 9:17:40 AM	79.56
1421	5/22/2017 9:17:45 AM	81.074
1422	5/22/2017 9:17:50 AM	79.902
1423	5/22/2017 9:17:55 AM	77.607
1424	5/22/2017 9:18:00 AM	77.656
1425	5/22/2017 9:18:05 AM	78.73
1426	5/22/2017 9:18:10 AM	77.68
1427	5/22/2017 9:18:15 AM	78.095
1428	5/22/2017 9:18:20 AM	79.853

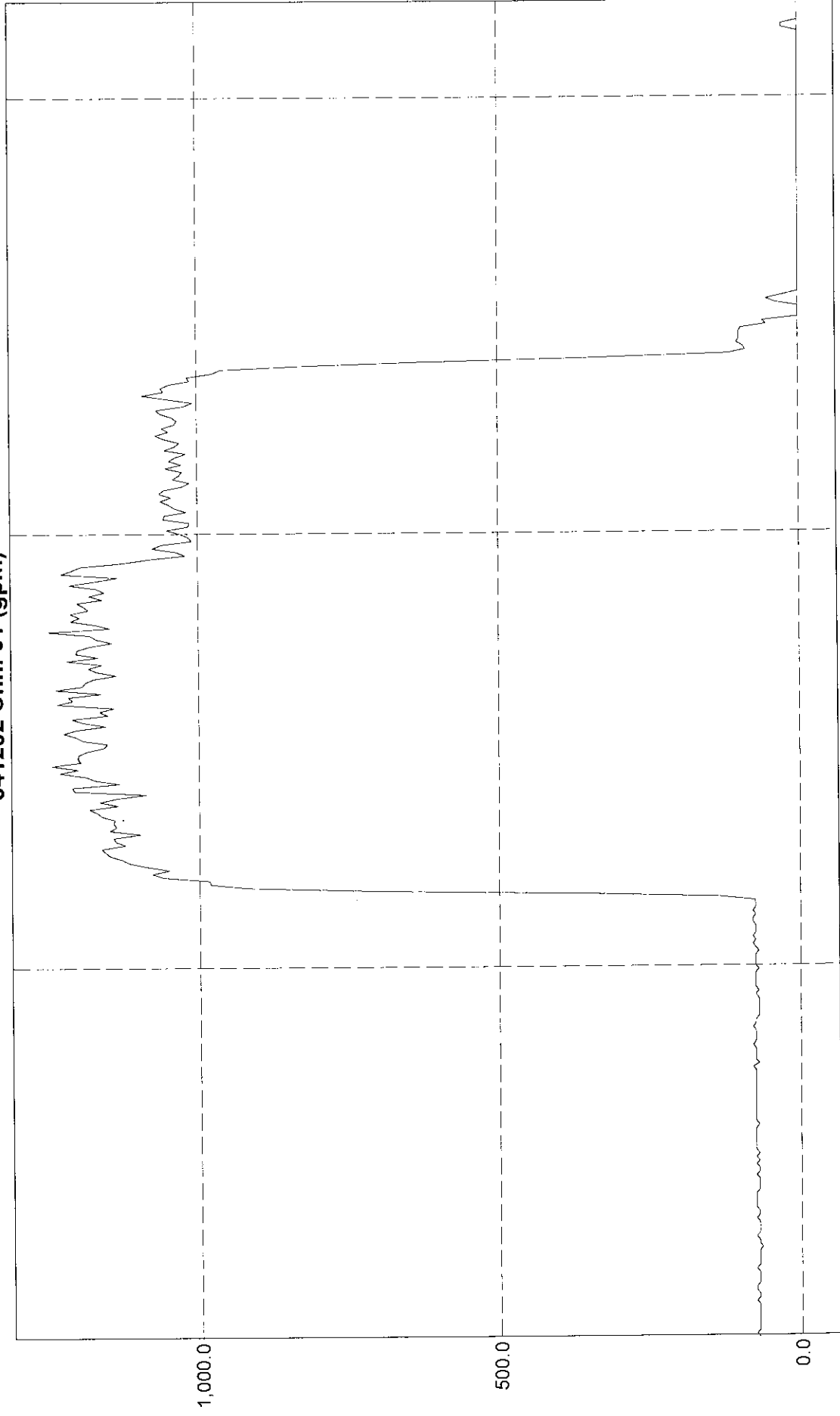
Channel Plot 1:

	Time	341200 Chnl 01 Avg
1501	5/22/2017 9:24:25 AM	70.256
1502	5/22/2017 9:24:30 AM	70.037
1503	5/22/2017 9:24:35 AM	69.841
1504	5/22/2017 9:24:40 AM	70.085
1505	5/22/2017 9:24:45 AM	70.305
1506	5/22/2017 9:24:50 AM	70.159
1507	5/22/2017 9:24:55 AM	70.11
1508	5/22/2017 9:25:00 AM	69.89
1509	5/22/2017 9:25:05 AM	69.646
1510	5/22/2017 9:25:10 AM	69.524
1511	5/22/2017 9:25:15 AM	69.67
1512	5/22/2017 9:25:20 AM	69.817
1513	5/22/2017 9:25:25 AM	69.841
1514	5/22/2017 9:25:30 AM	69.792
1515	5/22/2017 9:25:35 AM	69.67
1516	5/22/2017 9:25:40 AM	69.597
1517	5/22/2017 9:25:45 AM	69.548
1518	5/22/2017 9:25:50 AM	69.451
1519	5/22/2017 9:25:55 AM	69.353
1520	5/22/2017 9:26:00 AM	69.499
1521	5/22/2017 9:26:05 AM	69.719
1522	5/22/2017 9:26:10 AM	70.232
1523	5/22/2017 9:26:15 AM	70.232
1524	5/22/2017 9:26:20 AM	70.061
1525	5/22/2017 9:26:25 AM	70.012
1526	5/22/2017 9:26:30 AM	69.988
1527	5/22/2017 9:26:35 AM	69.939
1528	5/22/2017 9:26:40 AM	69.841
1529	5/22/2017 9:26:45 AM	69.744
1530	5/22/2017 9:26:50 AM	69.744
1531	5/22/2017 9:26:55 AM	69.695
1532	5/22/2017 9:27:00 AM	69.67
1533	5/22/2017 9:27:05 AM	69.67
1534	5/22/2017 9:27:10 AM	69.548
1535	5/22/2017 9:27:15 AM	69.524
1536	5/22/2017 9:27:20 AM	69.548
1537	5/22/2017 9:27:25 AM	69.499

Channel Plot 1:

	Time	341200 Chnl 01 Avg
1567	5/22/2017 9:29:55 AM	68.376
1568	5/22/2017 9:30:00 AM	68.303
1569	5/22/2017 9:30:05 AM	68.254
1570	5/22/2017 9:30:10 AM	68.278
1571	5/22/2017 9:30:15 AM	68.254
1572	5/22/2017 9:30:20 AM	68.254
1573	5/22/2017 9:30:25 AM	68.23
1574	5/22/2017 9:30:30 AM	68.181
1575	5/22/2017 9:30:35 AM	68.181
1576	5/22/2017 9:30:40 AM	68.205
1577	5/22/2017 9:30:45 AM	68.181
1578	5/22/2017 9:30:50 AM	68.132
1579	5/22/2017 9:30:55 AM	68.107
1580	5/22/2017 9:31:00 AM	68.107
1581	5/22/2017 9:31:05 AM	68.059
1582	5/22/2017 9:31:10 AM	68.01
1583	5/22/2017 9:31:15 AM	68.034
1584	5/22/2017 9:31:20 AM	67.985
1585	5/22/2017 9:31:25 AM	67.961
1586	5/22/2017 9:31:30 AM	67.961
1587	5/22/2017 9:31:35 AM	67.912
1588	5/22/2017 9:31:40 AM	67.888
1589	5/22/2017 9:31:45 AM	67.839
1590	5/22/2017 9:31:50 AM	67.814
1591	5/22/2017 9:31:55 AM	67.839
1592	5/22/2017 9:32:00 AM	67.839
1593	5/22/2017 9:32:05 AM	67.814
1594	5/22/2017 9:32:10 AM	67.863
1595	5/22/2017 9:32:15 AM	67.741
1596	5/22/2017 9:32:20 AM	67.741
1597	5/22/2017 9:32:25 AM	67.717
1598	5/22/2017 9:32:30 AM	67.717
1599	5/22/2017 9:32:35 AM	67.668
1600	5/22/2017 9:32:40 AM	67.668
1601	5/22/2017 9:32:45 AM	67.619
1602	5/22/2017 9:32:50 AM	67.643
1603	5/22/2017 9:32:55 AM	67.546

341202 Chnl 01 (gpm)



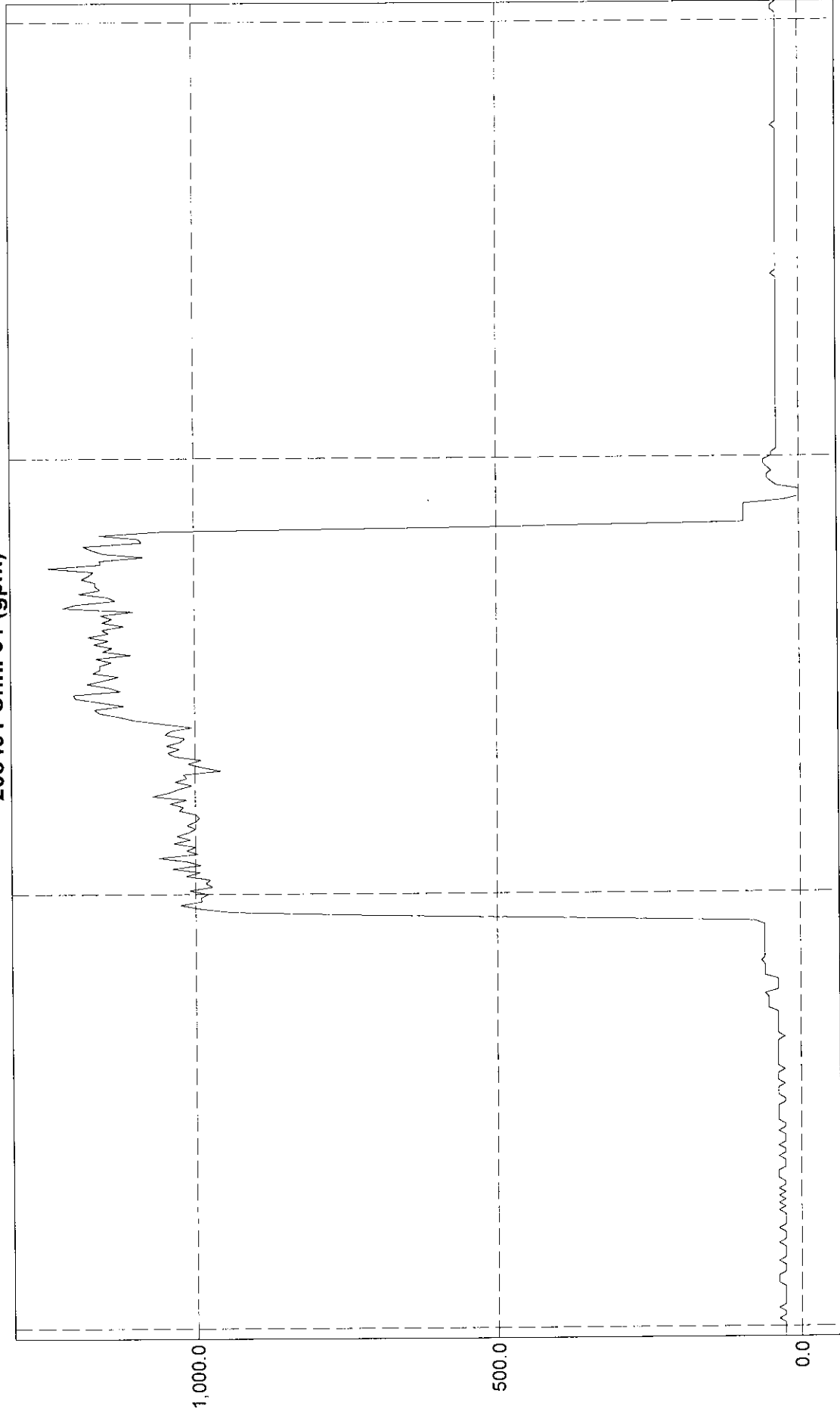
Channel Plot 1:

	Time	341202 Chnl 01 Flow Rate	341202 Chnl 01 Flow Total
1490	5/22/2017 9:24:30 AM	1,231.5	9,543.5
1491	5/22/2017 9:24:35 AM	1,200.7	9,643.5
1492	5/22/2017 9:24:40 AM	1,244.9	9,747.3
1493	5/22/2017 9:24:45 AM	1,196.4	9,847.0
1494	5/22/2017 9:24:50 AM	1,201.0	9,947.1
1495	5/22/2017 9:24:55 AM	1,200.2	10,047.1
1496	5/22/2017 9:25:00 AM	1,186.0	10,145.9
1497	5/22/2017 9:25:05 AM	1,158.5	10,242.4
1498	5/22/2017 9:25:10 AM	1,151.9	10,338.4
1499	5/22/2017 9:25:15 AM	1,191.8	10,437.8
1500	5/22/2017 9:25:20 AM	1,203.6	10,538.1
1501	5/22/2017 9:25:25 AM	1,224.8	10,640.1
1502	5/22/2017 9:25:30 AM	1,203.3	10,740.4
1503	5/22/2017 9:25:35 AM	1,154.9	10,836.6
1504	5/22/2017 9:25:40 AM	1,191.8	10,936.0
1505	5/22/2017 9:25:45 AM	1,210.4	11,036.8
1506	5/22/2017 9:25:50 AM	1,151.0	11,132.8
1507	5/22/2017 9:25:55 AM	1,165.9	11,229.9
1508	5/22/2017 9:26:00 AM	1,140.8	11,325.0
1509	5/22/2017 9:26:05 AM	1,234.9	11,427.9
1510	5/22/2017 9:26:10 AM	1,209.3	11,528.7
1511	5/22/2017 9:26:15 AM	1,216.1	11,630.0
1512	5/22/2017 9:26:20 AM	1,162.0	11,726.8
1513	5/22/2017 9:26:25 AM	1,237.4	11,830.0
1514	5/22/2017 9:26:30 AM	1,193.0	11,929.4
1515	5/22/2017 9:26:35 AM	1,188.7	12,028.4
1516	5/22/2017 9:26:40 AM	1,175.3	12,126.4
1517	5/22/2017 9:26:45 AM	1,136.6	12,221.1
1518	5/22/2017 9:26:50 AM	1,169.7	12,318.6
1519	5/22/2017 9:26:55 AM	1,183.1	12,417.2
1520	5/22/2017 9:27:00 AM	1,160.9	12,513.9
1521	5/22/2017 9:27:05 AM	1,219.2	12,615.5
1522	5/22/2017 9:27:10 AM	1,166.5	12,712.7
1523	5/22/2017 9:27:15 AM	1,203.0	12,812.9
1524	5/22/2017 9:27:20 AM	1,201.0	12,913.0
1525	5/22/2017 9:27:25 AM	1,181.7	13,011.5
1526	5/22/2017 9:27:30 AM	1,143.5	13,106.8

Channel Plot 1:

	Time	341202 Chnl 01 Flow Rate	341202 Chnl 01 Flow Total
1554	5/22/2017 9:29:50 AM	1,009.4	15,801.6
1555	5/22/2017 9:29:55 AM	1,014.5	15,886.1
1556	5/22/2017 9:30:00 AM	1,028.3	15,971.8
1557	5/22/2017 9:30:05 AM	1,050.5	16,059.4
1558	5/22/2017 9:30:10 AM	1,015.2	16,144.0
1559	5/22/2017 9:30:15 AM	1,013.2	16,228.4
1560	5/22/2017 9:30:20 AM	1,056.4	16,316.4
1561	5/22/2017 9:30:25 AM	1,054.7	16,404.3
1562	5/22/2017 9:30:30 AM	1,018.2	16,489.2
1563	5/22/2017 9:30:35 AM	1,037.3	16,575.6
1564	5/22/2017 9:30:40 AM	1,047.2	16,662.9
1565	5/22/2017 9:30:45 AM	1,060.9	16,751.3
1566	5/22/2017 9:30:50 AM	1,043.3	16,838.2
1567	5/22/2017 9:30:55 AM	1,062.8	16,926.8
1568	5/22/2017 9:31:00 AM	1,056.0	17,014.8
1569	5/22/2017 9:31:05 AM	1,024.6	17,100.2
1570	5/22/2017 9:31:10 AM	1,012.8	17,184.6
1571	5/22/2017 9:31:15 AM	1,040.0	17,271.3
1572	5/22/2017 9:31:20 AM	1,030.0	17,357.1
1573	5/22/2017 9:31:25 AM	1,025.3	17,442.5
1574	5/22/2017 9:31:30 AM	1,052.4	17,530.2
1575	5/22/2017 9:31:35 AM	1,025.6	17,615.7
1576	5/22/2017 9:31:40 AM	1,046.2	17,702.9
1577	5/22/2017 9:31:45 AM	1,036.0	17,789.2
1578	5/22/2017 9:31:50 AM	1,018.2	17,874.1
1579	5/22/2017 9:31:55 AM	1,053.4	17,961.9
1580	5/22/2017 9:32:00 AM	1,036.3	18,048.2
1581	5/22/2017 9:32:05 AM	1,029.0	18,134.0
1582	5/22/2017 9:32:10 AM	1,053.1	18,221.7
1583	5/22/2017 9:32:15 AM	1,068.6	18,310.8
1584	5/22/2017 9:32:20 AM	1,047.5	18,398.1
1585	5/22/2017 9:32:25 AM	1,057.3	18,486.2
1586	5/22/2017 9:32:30 AM	1,037.3	18,572.6
1587	5/22/2017 9:32:35 AM	1,032.7	18,658.7
1588	5/22/2017 9:32:40 AM	1,040.9	18,745.4
1589	5/22/2017 9:32:45 AM	1,060.6	18,833.8
1590	5/22/2017 9:32:50 AM	1,066.4	18,922.7
1591	5/22/2017 9:32:55 AM	1,021.9	19,007.8
1592	5/22/2017 9:33:00 AM	1,007.0	19,091.8
1593	5/22/2017 9:33:05 AM	1,048.8	19,179.2
1594	5/22/2017 9:33:10 AM	1,090.9	19,270.1
1595	5/22/2017 9:33:15 AM	1,054.7	19,358.0
1596	5/22/2017 9:33:20 AM	1,059.0	19,446.2
1597	5/22/2017 9:33:25 AM	1,045.2	19,533.3

203491 Chnl 01 (gpm)



9:50:00 AM
5/22/2017

9:40:00 AM
5/22/2017

9:30:00 AM
5/22/2017

9:20:00 AM
5/22/2017

Channel Plot 1:

	Time	203491 Chnl 01 Flow Rate	203491 Chnl 01 Flow Total
1538	5/22/2017 9:29:50 AM	989.5	5,356.8
1539	5/22/2017 9:29:55 AM	991.2	5,439.4
1540	5/22/2017 9:30:00 AM	979.7	5,521.1
1541	5/22/2017 9:30:05 AM	1,010.1	5,605.2
1542	5/22/2017 9:30:10 AM	972.3	5,686.3
1543	5/22/2017 9:30:15 AM	983.2	5,768.2
1544	5/22/2017 9:30:20 AM	976.2	5,849.5
1545	5/22/2017 9:30:25 AM	1,015.5	5,934.2
1546	5/22/2017 9:30:30 AM	992.2	6,016.9
1547	5/22/2017 9:30:35 AM	1,037.6	6,103.3
1548	5/22/2017 9:30:40 AM	991.2	6,185.9
1549	5/22/2017 9:30:45 AM	1,012.1	6,270.3
1550	5/22/2017 9:30:50 AM	1,060.6	6,358.6
1551	5/22/2017 9:30:55 AM	996.1	6,441.7
1552	5/22/2017 9:31:00 AM	1,013.8	6,526.1
1553	5/22/2017 9:31:05 AM	999.5	6,609.4
1554	5/22/2017 9:31:10 AM	1,035.6	6,695.7
1555	5/22/2017 9:31:15 AM	1,007.7	6,779.7
1556	5/22/2017 9:31:20 AM	1,031.0	6,865.6
1557	5/22/2017 9:31:25 AM	1,010.4	6,949.8
1558	5/22/2017 9:31:30 AM	999.8	7,033.2
1559	5/22/2017 9:31:35 AM	1,013.5	7,117.6
1560	5/22/2017 9:31:40 AM	998.8	7,200.8
1561	5/22/2017 9:31:45 AM	992.9	7,283.6
1562	5/22/2017 9:31:50 AM	998.8	7,366.8
1563	5/22/2017 9:31:55 AM	1,026.3	7,452.3
1564	5/22/2017 9:32:00 AM	1,019.6	7,537.3
1565	5/22/2017 9:32:05 AM	1,040.9	7,624.1
1566	5/22/2017 9:32:10 AM	1,013.2	7,708.5
1567	5/22/2017 9:32:15 AM	1,070.6	7,797.7
1568	5/22/2017 9:32:20 AM	1,043.3	7,884.6
1569	5/22/2017 9:32:25 AM	1,027.3	7,970.3
1570	5/22/2017 9:32:30 AM	1,004.6	8,054.0
1571	5/22/2017 9:32:35 AM	1,033.0	8,140.1
1572	5/22/2017 9:32:40 AM	1,013.2	8,224.5
1573	5/22/2017 9:32:45 AM	1,019.3	8,309.4
1574	5/22/2017 9:32:50 AM	957.3	8,389.2

FAXING INFORMATION

1. PLACE DOCUMENT FACE DOWN WHEN FAXING TO YOUR SENDER.

2. DIAL NUMBER:
LOCAL 9-954-000-0000

LONG DISTANCE 9-1-000-000-0000 THEN HIT THE PAUSE BUTTON AN ENTER YOUR LONG DISTANCE PIN NUMBER.

3. PRESS BLACK START BUTTON.



May 12, 2017

Raul Cosme

CITY OF DANIA BEACH

BSO Department of Fire Rescue & Emergency Services
103 West Dania Beach Boulevard
Dania Beach, FL 33004

RE: **CORALUZZO – DANIA BEACH**
FES No. 16-1340.00

Dear Raul:

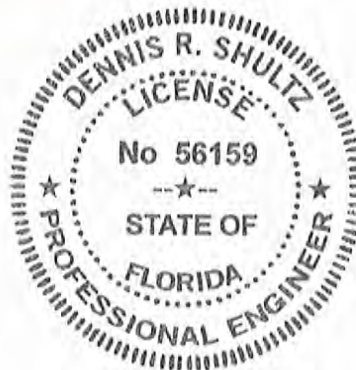
The proposed water main sizing, fire hydrant spacing, and fire hydrant locations are in compliance with the Broward County Land Use Code and the Florida Fire Prevention Code.

If you have any questions or require any additional information, please call.

Sincerely,

FLYNN ENGINEERING SERVICES, P.A.

Dennis Shultz, P.E.



241 COMMERCIAL BLVD.
LAUDERDALE-BY-THE-SEA, FL 33308

PHONE: (954) 522-1004
FAX: (954) 522-7630

www.flynnengineering.com

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Page

Coraluzzo Facility

2401 SW 31st Street
Dania Beach, Florida

TRAFFIC IMPACT STUDY

prepared for:
Synalovski Romanik Saye

KBP CONSULTING, INC.

May 2017

Coraluzzo Facility

2401 SW 31st Street

Dania Beach, Florida

Traffic Study

May 2017

Prepared for:

Synalovski Romanik Saye

Prepared by:

KBP Consulting, Inc.

8400 N. University Drive, Suite 309

Tamarac, Florida 33321

Phone: (954) 560-7103



Karl B. Peterson, P.E.
Florida Registration Number 49897
KBP Consulting, Inc.
8400 N. University Drive, Suite 309
Tamarac, Florida 33321
CA # 29939

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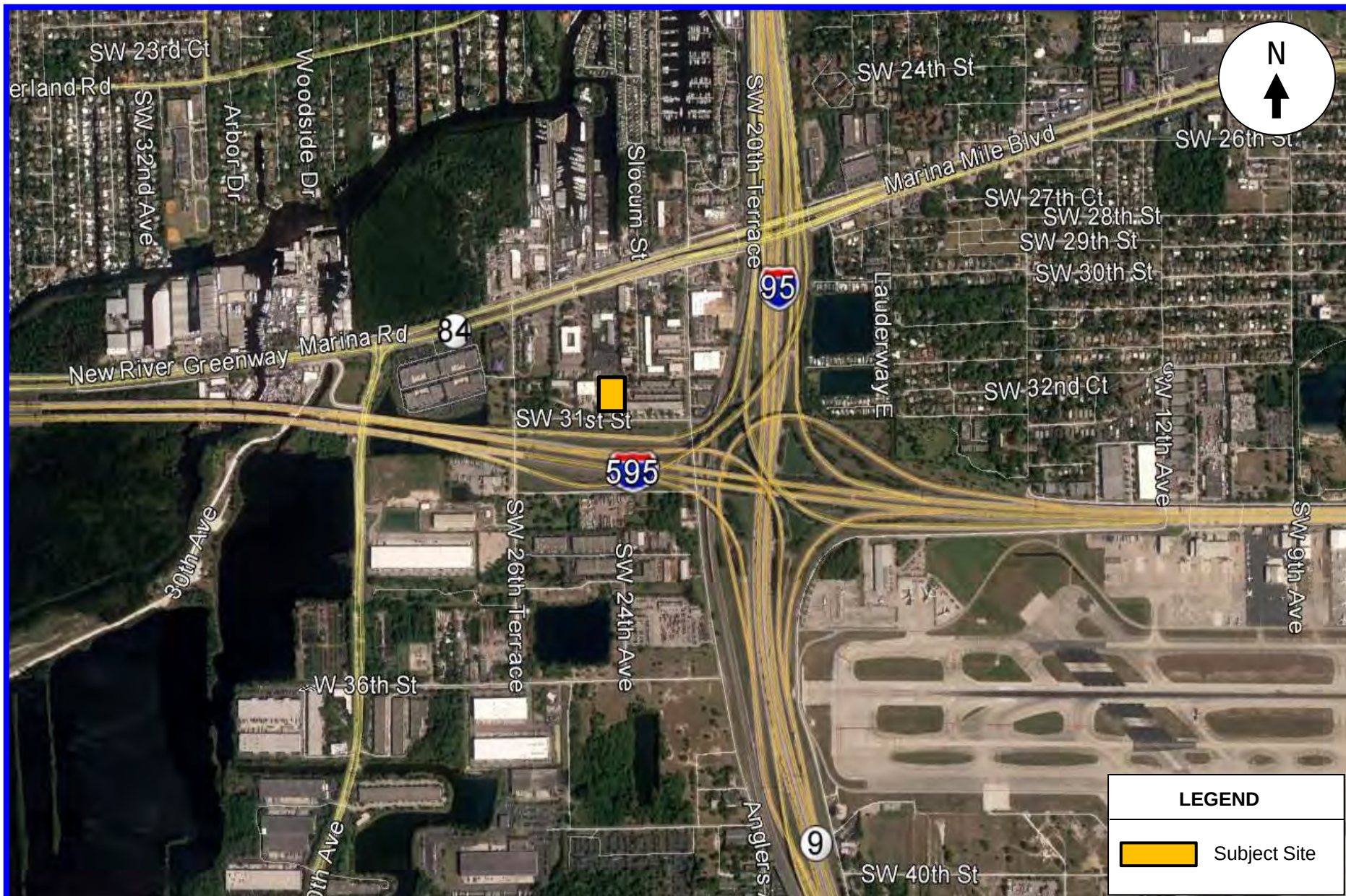
Appendices

INTRODUCTION

The Coraluzzo Facility is proposed to be located on a site along the north side of SW 31st Street between Ravenswood Road and SW 26th Terrace in the City of Dania Beach, Broward County, Florida. More specifically, the site is located at 2401 SW 31st Street. The location of the project site is illustrated in Figure 1 on the following page.

KBP Consulting, Inc. has been retained by Synalovski Romanik Saye to prepare a traffic impact study in connection with the development of this project. This study addresses the 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 Analyses
7. Summary & Conclusions



INVENTORY

Existing Land Use and Access

The subject parcel is approximately 1.482 acres and is currently vacant. Vehicular access to the site is provided by one (1) full access driveway on SW 31st Street.

Proposed Land Use and Access

The proposed Coraluzzo Facility is proposed to house up to 20 empty fuel delivery trucks overnight. In the mornings, the drivers of these trucks will arrive at the site, travel to the Port Everglades to load fuel into the tanker, and deliver fuel to various retail gas stations in the south Florida market. At the end of the day, these fuel delivery trucks will be returned to the site where they will be stored until the next morning. There will be approximately three (3) employees that will remain on site all day in the office space. Heavy maintenance on the vehicles will not occur at this site; however, some light maintenance activity (i.e. tire pressure checks, topping off of various fluids, etc.) will occur on a daily basis in the garage area. There will be 20 truck parking spaces located to the rear of the site, 21 standard vehicle parking spaces located to the front of the site, three (3) truck service bays, and 2,968 square feet of office space.

Vehicular access to the subject site will be provided by one (1) full access driveway and one egress-only driveway; both located on SW 31st Street. The proposed project is anticipated to be built and occupied by 2018. Appendix A contains the proposed site plan for the Coraluzzo Facility project.

EXISTING CONDITIONS

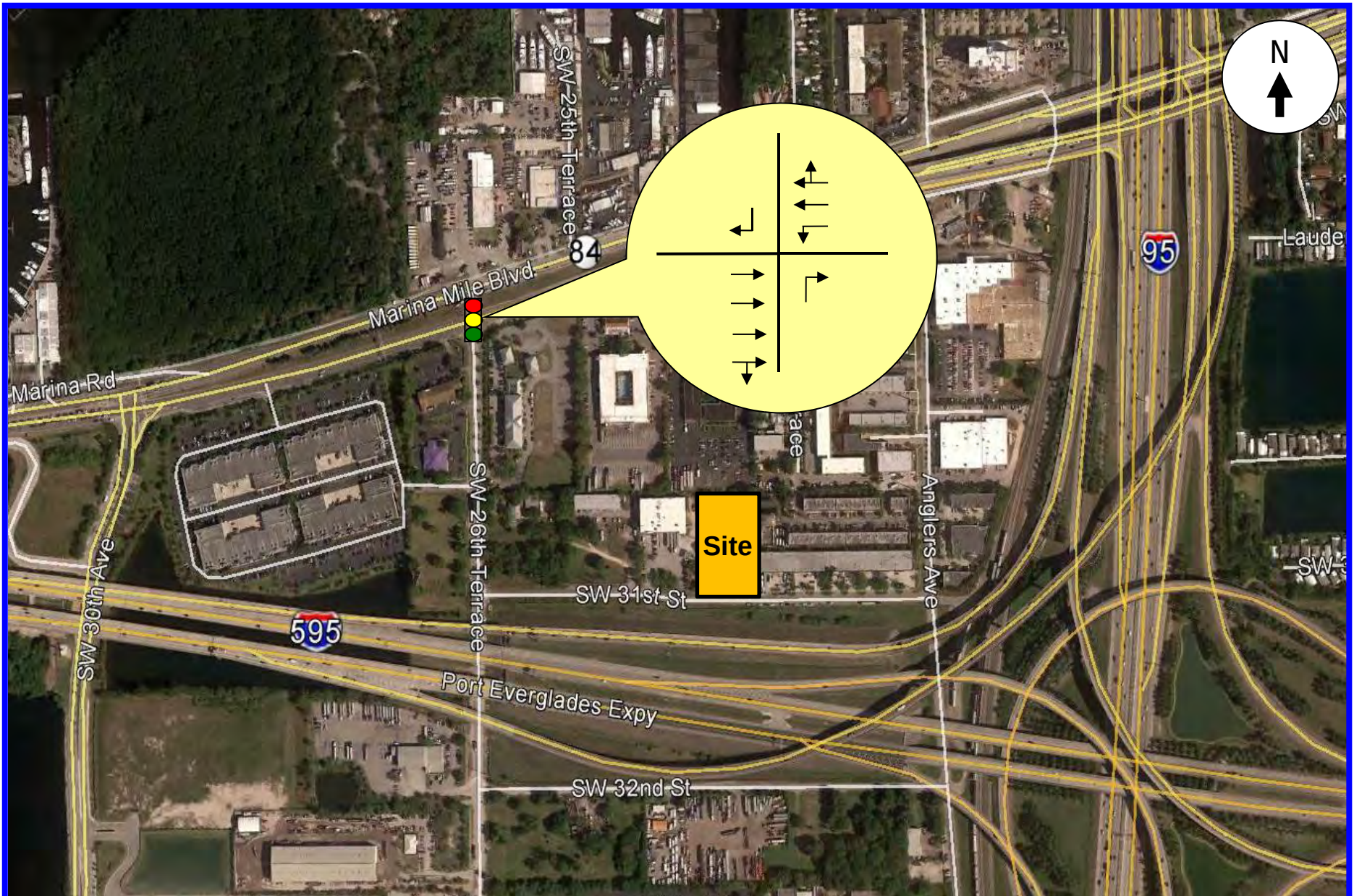
This section of the report addresses the transportation system located in the vicinity of the proposed Coraluzzo Facility.

Roadway System

The roadway system located in the immediate vicinity of the project includes SW 31st Street, SW 26th Terrace, and State Road 84 (Marina Mile Boulevard). SW 31st Street is a two-lane local street oriented in the east-west direction. SW 26th Terrace is a three-lane local roadway between SW 31st Street and State Road 84. This facility is oriented in the north-south direction and has one lane in each direction and a center two-way left turn lane. State Road 84 is a state-maintained principal arterial roadway oriented in the east-west direction. In the immediate area of the subject project, this facility has four (4) lanes in the eastbound direction and two (2) lanes in the westbound direction.

Study Intersection

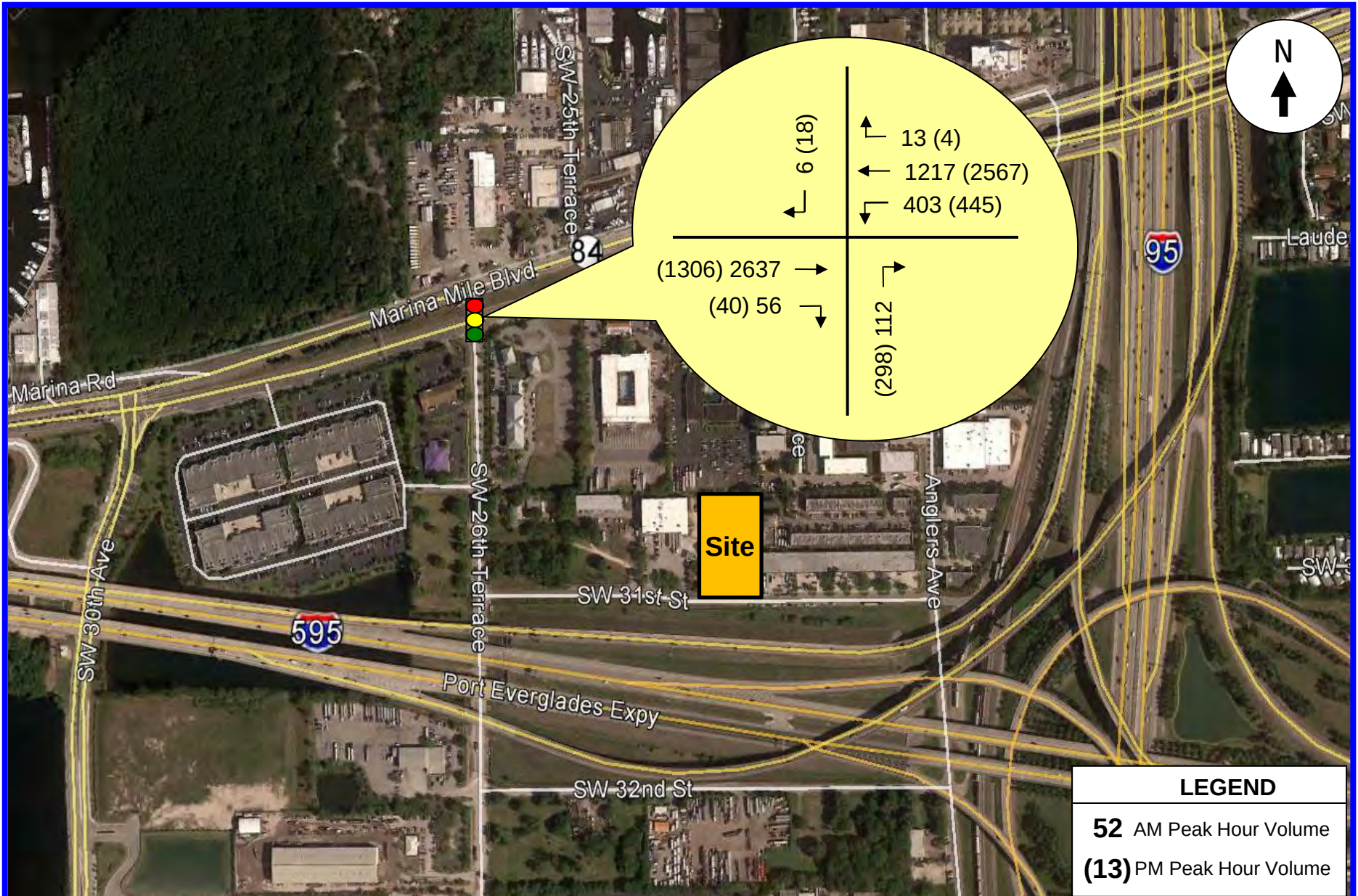
The intersection of SW 26th Terrace and State Road 84 was identified as the principal location to be evaluated as part of this analysis. Figure 2 depicts the existing intersection geometry at this location.



TRAFFIC COUNTS

KBP Consulting, Inc., in association with Traffic Survey Specialists, Inc., collected intersection turning movement counts at the intersection of SW 26th Terrace and State Road 84. The intersection turning movement counts were collected on Wednesday, May 10, 2017 during the AM peak period (7:00 AM to 9:00 AM) and the PM peak period (4:00 PM to 6:00 PM). Figure 3 summarizes the results of this traffic data collection effort.¹ Appendix B contains the traffic data as collected in the field.

¹ The traffic volumes presented in this figure have been adjusted to reflect average peak season conditions. The appropriate adjustment factors and corresponding calculations are presented in subsequent sections of this report.



Existing AM & PM Peak Hour Traffic Counts

Source: Traffic Survey Specialists, Inc. (05/10/17)
Adjusted to Average Peak Season Conditions

TRIP GENERATION

A trip generation analysis has been developed in accordance with the proposed activities and operations at the subject site. The corresponding vehicular activity associated with the operations described previously in this report is as follows:

- **Truck Drivers:** Up to 20 truck drivers will arrive in the morning, access their assigned vehicle, and leave the site. At the end of the day, these drivers will return to the site, leave their trucks in the designated parking spaces and depart. This activity equates to 20 inbound and 20 outbound trips in the AM peak hour and 20 inbound and 20 outbound trips in the PM peak hour.
- **Office Personnel:** Up to three (3) office staff members will be located at the site on a typical day. These employees will arrive in the AM peak and depart in the PM peak. This activity equates to three (3) inbound trips in the AM peak hour and three (3) outbound trips in the PM peak hour.
- **Maintenance Personnel:** As mentioned previously, light maintenance activities will occur at the site during the overnight hours. Up to two (2) maintenance staff members may arrive during the PM peak hour and depart in the late evening. This activity equates to two (2) inbound trips in the PM peak hour.
- **Miscellaneous Vehicular Activity:** On any given day, a variety of miscellaneous deliveries may occur. And, they may occur during the AM peak hour. These deliveries could be UPS, FedEx, etc. We have assumed that up to two (2) of these deliveries will occur in the AM peak hour. This activity equates to two (2) inbound and two (2) outbound trips in the AM peak hour.

Table 1 on the following page summarizes the vehicle trips associated with the proposed Coraluzzo Facility development on SW 31st Street in the City of Dania Beach.

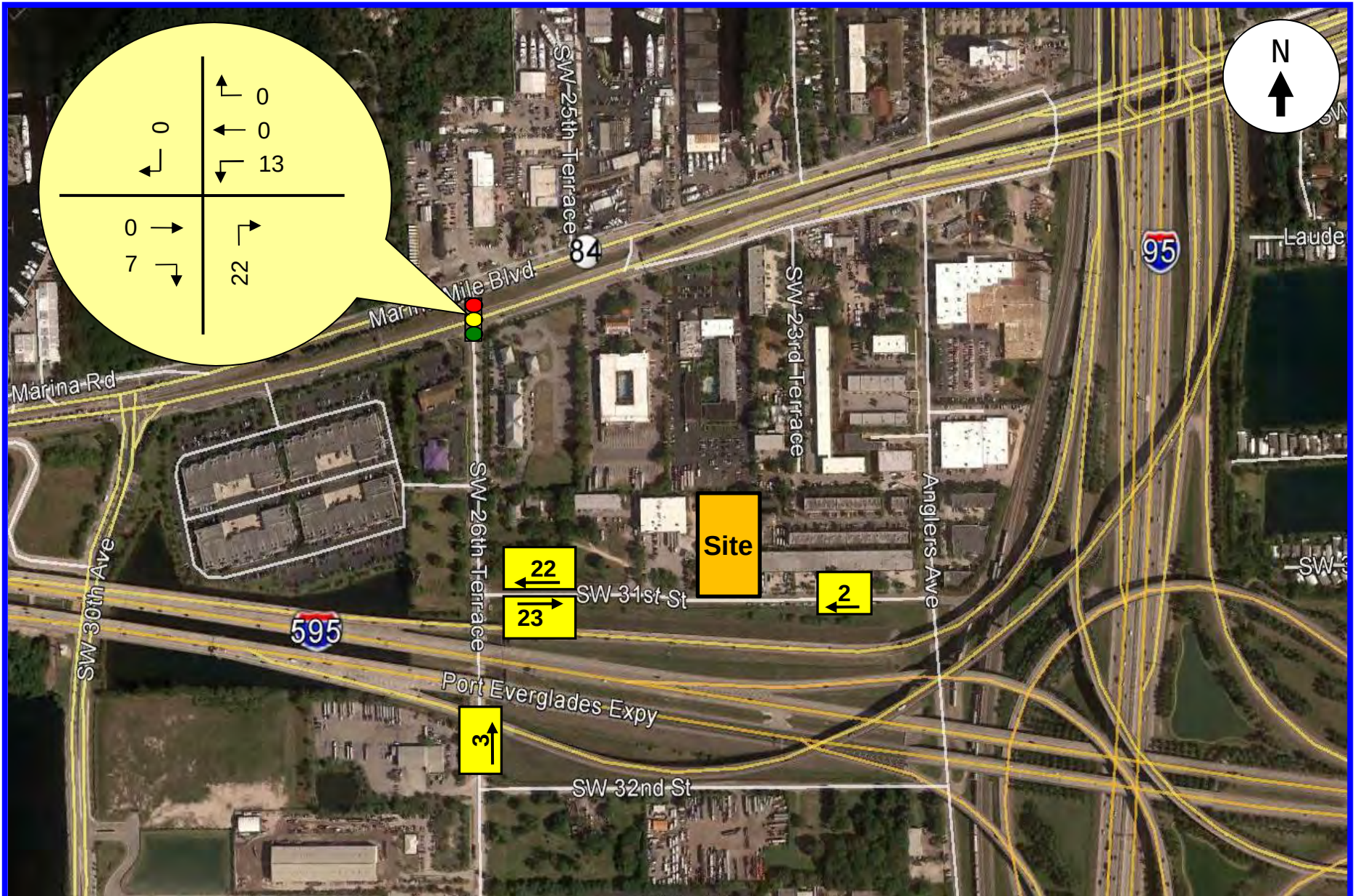
Table 1 Trip Generation Summary Coraluzzo Facility - Dania Beach, Florida						
Land Use	AM Peak Hour Trips			PM Peak Hour Trips		
	In	Out	Total	In	Out	Total
<i>Proposed</i> Specialty Retail	25	22	47	22	23	45
Total	25	22	47	22	23	45

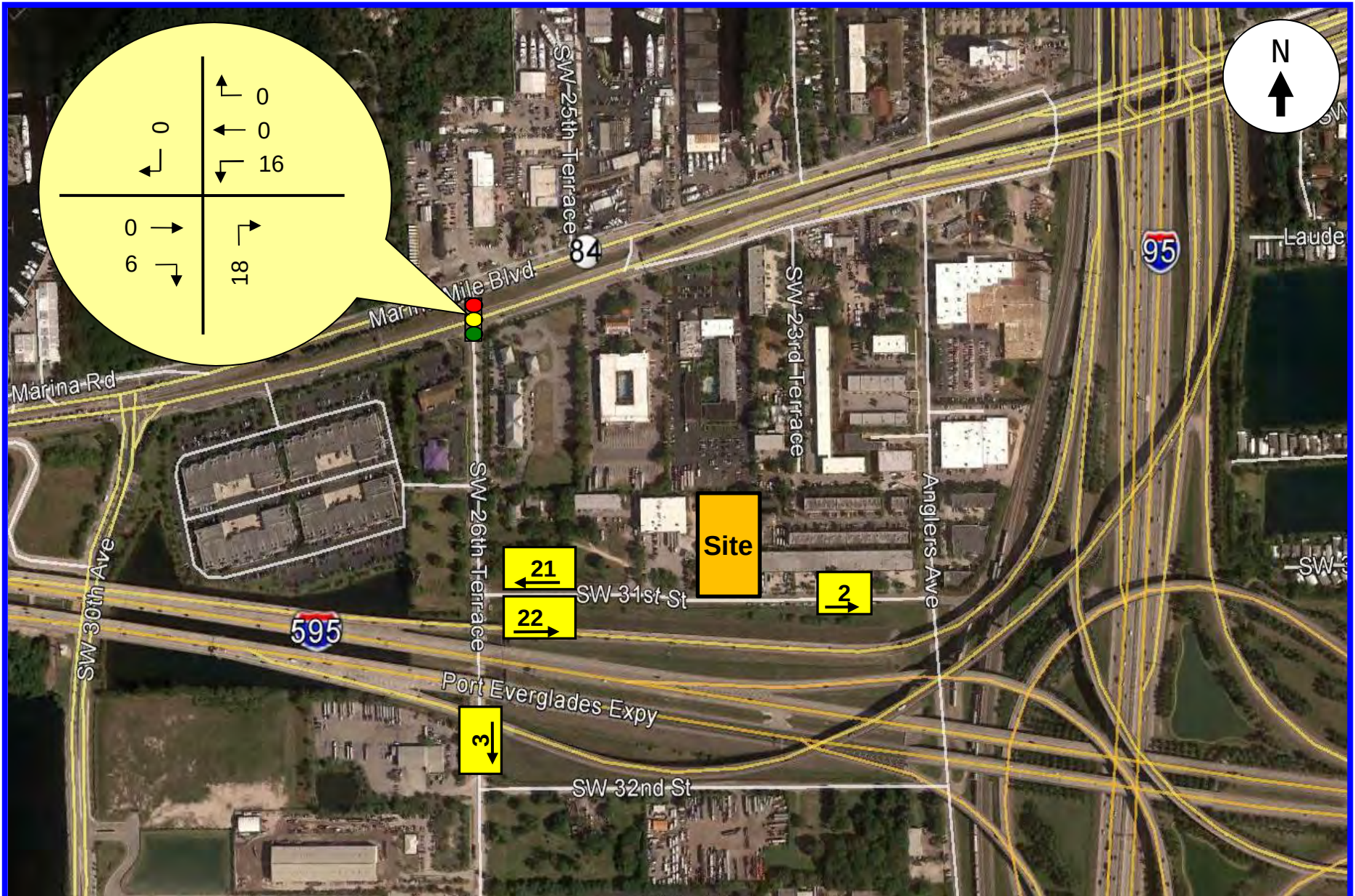
Compiled by: KBP Consulting, Inc. (May 2017).

As indicated in Table 1, the proposed project is anticipated to generate 47 AM peak hour vehicle trips (25 inbound and 22 outbound) and 45 vehicle trips (22 inbound and 23 outbound) during the typical afternoon peak hour.

TRIP DISTRIBUTION AND TRAFFIC ASSIGNMENT

The trip distribution and traffic assignment for the Coraluzzo Facility project was developed based upon knowledge of the study area, examination of the surrounding roadway network characteristics, review of current traffic volumes, and existing land use patterns. It is noted that a majority, if not all, of the inbound and outbound truck traffic associated with this site is expected to utilize State Road 84 and SW 26th Terrace. Figures 4 and 5 on the following pages depict the anticipated AM and PM peak hour trip distribution and traffic patterns for this project.





TRAFFIC ANALYSES

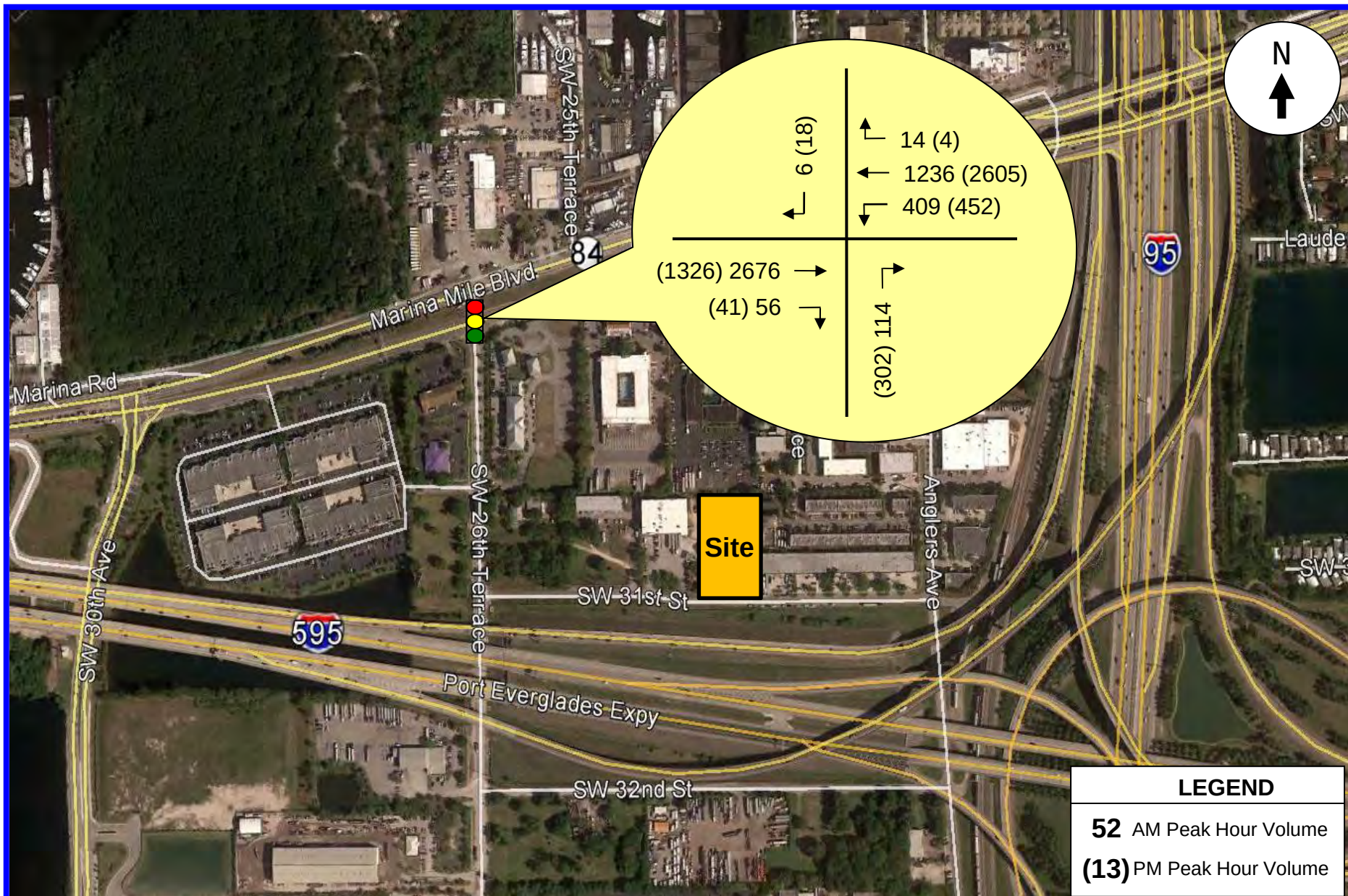
This section of the study is divided into two (2) parts. The first part of this section involves the development of the future (2018) traffic volumes for the study area. The second part includes level-of-service analyses for existing and future conditions.

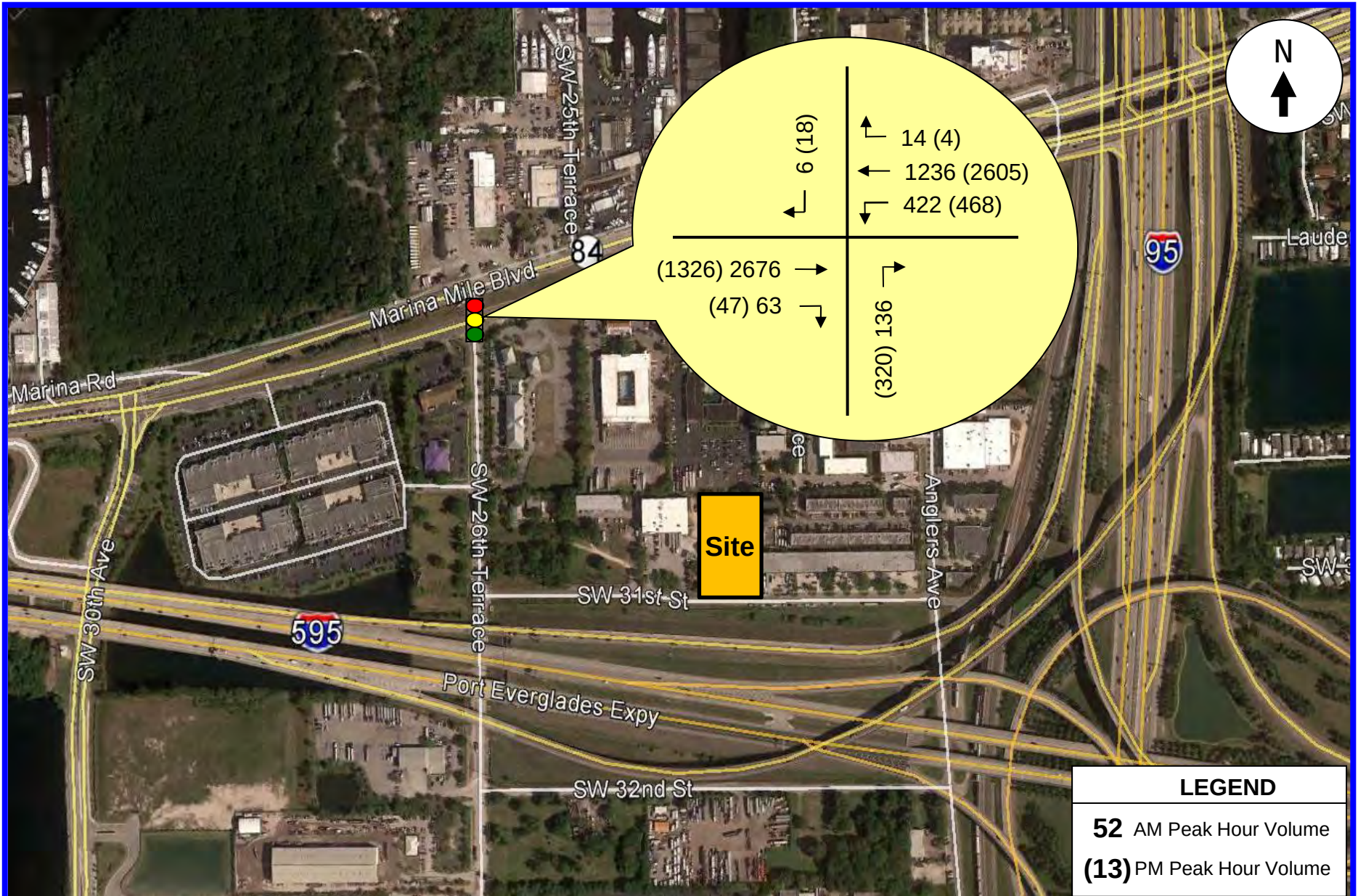
Future Conditions Traffic Volumes

Future, build-out year (2018) traffic volumes were developed for the project study area in the following manner:

- **Average Peak Season Conversion Factor:** Traffic data collected on Wednesday, May 10, 2017 was reviewed with respect to average peak season conditions. Based on FDOT's Peak Season Factor Category report (see Appendix C), the adjustment factor for data collected during this time period is 1.03.
- **Historic Growth:** The Florida Department of Transportation (FDOT) maintains two (2) traffic count stations (#860199 and #869505) in the immediate vicinity of the project. The Annual Average Daily Traffic Volumes for these count stations have been relatively steady for the past five (5) years. As such, a growth rate of 1.5% per year has been applied. (The data from FDOT is presented in Appendix D.)

The future traffic calculations (peak season adjustments, background traffic growth, and the traffic associated with the proposed Coraluzzo Facility project) for the study intersection are contained in Appendix E in tabular format. Figure 6 includes future background traffic only (without the proposed project) and Figure 7 includes the additional traffic anticipated to be generated by the Coraluzzo Facility project.





Level of Service (LOS) Analyses

Intersection capacity/level of service (LOS) analyses were conducted for the study intersection (SW 26th Terrace and State Road 84). These analyses were undertaken following the capacity / level of service procedures outlined in the Highway Capacity Manual (HCM) using the SYNCHRO software for signalized intersections. The results of these capacity analyses are summarized in Table 2 below.

Table 2 Intersection Levels of Service Coraluzzo Facility - Dania Beach, Florida						
Intersection	Existing (2017) Conditions		Future (2018) Conditions Without Project Traffic		Future (2018) Conditions With Project Traffic	
	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour	AM Peak Hour	PM Peak Hour
SW 26th Terrace & State Road 84	E (70.8)	E (57.6)	E (72.3)	E (58.7)	E (77.0)	E (62.2)
Optimized	--	--	--	--	D (39.5)	D (52.6)

Source: Highway Capacity Manual and SYNCHRO.

Legend: C (21.4) = LOS (Average Delay in Seconds / Vehicle)

As indicated in Table 2, the intersection of SW 26th Terrace and State Road 84 is currently operating at level of service (LOS) “E” during the AM and PM peak hours and will continue to do so in 2018 both without and with the project traffic associated with the Coraluzzo Facility project. For the buildout year of 2018, the additional volumes and vehicle-delay attributed to the Coraluzzo Facility project are considered minimal or, “de minimis” (i.e. 42 vehicles and 4.7 seconds per vehicle delay in the AM peak hour and 40 vehicles and 3.5 seconds per vehicle delay in the PM peak hour). Additionally, an optimized signalized intersection analysis was performed for this intersection. By holding the cycle length constant, the operations of this intersection can be improved to LOS “D” during both the AM and PM peak hours.

The signal timing data from Broward County Traffic Engineering Division is presented in Appendix F and the SYNCHRO printouts of the intersection capacity analyses are contained in Appendix G.

SUMMARY & CONCLUSIONS

The Coraluzzo Facility is proposed to be located on a site along the north side of SW 31st Street between Ravenswood Road and SW 26th Terrace in the City of Dania Beach, Broward County, Florida. Vehicular access to the subject site will be provided by one (1) full access driveway and one egress-only driveway, both located on SW 31st Street. The proposed project is anticipated to be built and occupied by 2018.

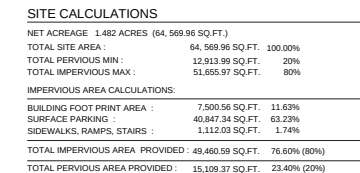
The trip generation analysis indicates that the new external vehicle trips anticipated to be generated by the proposed Coraluzzo Facility project consists of approximately 47 vehicle trips during the weekday AM peak hour (25 inbound and 22 outbound), and 45 vehicle trips during the weekday PM peak hour (22 inbound and 23 outbound).

Intersection capacity/level of service (LOS) analyses were conducted for the study intersection of SW 26th Terrace and State Road 84. This intersection is currently operating at level of service (LOS) “E” during the AM and PM peak hours and will continue to do so in 2018 without and with the project traffic associated with the Coraluzzo Facility. Due to the minimal increase in traffic associated with the Coraluzzo Facility project, the additional vehicle-delay is also considered to be minimal or, “de minimis”. Furthermore, an optimized signalized intersection analysis was performed for this intersection. By holding the cycle length constant, the operations of this intersection can be improved to LOS “D” during both the AM and PM peak hours.

APPENDIX A

Coraluzzo Facility – Dania Beach Site Plan

SITE PLAN
SCALE: 1"=20'-0"



SCALE: N.T.S.



AS-101

APPENDIX B

Existing Traffic Counts

SR 84 & SW 26TH TERRACE
 FT LAUDERDALE, FLORIDA
 COUNTED BY: J. SHEA & D. GONZALEZ
 SIGNALIZED

TRAFFIC SURVEY SPECIALISTS, INC.
 85 SE 4TH AVENUE, UNIT 109
 DELRAY BEACH, FLORIDA
 PHONE (561)272-3255

Site Code : 00170092
 Start Date: 05/10/17
 File I.D. : SR84_26T
 Page : 1

ALL VEHICLES

DRIVEWAY From North					SR 84 From East				SW 26TH TERRACE From South				SR 84 From West							
UTurn	Left	Thru	Right		UTurn	Left	Thru	Right		UTurn	Left	Thru	Right		UTurn	Left	Thru	Right		Total
Date 05/10/17 -----																				
07:00	0	0	0	1	60	34	247	5		0	0	0	32		0	0	533	11		923
07:15	0	0	0	2	61	26	261	4		0	0	0	33		0	0	611	6		1004
07:30	0	0	0	4	57	36	308	6		0	0	0	18		0	0	665	13		1107
07:45	0	0	0	1	68	40	298	3		1	0	0	27		0	0	649	16		1103
Hr Total	0	0	0	8	246	136	1114	18		1	0	0	110		0	0	2458	46		4137
08:00	0	0	0	0	64	35	305	4		0	0	0	34		0	0	629	13		1084
08:15	0	0	0	1	64	27	271	0		0	0	0	30		0	0	617	12		1022
08:30	0	0	0	3	71	30	262	1		0	0	0	40		0	0	597	6		1010
08:45	0	0	0	4	68	44	297	2		0	0	0	27		0	0	528	13		983
Hr Total	0	0	0	8	267	136	1135	7		0	0	0	131		0	0	2371	44		4099
----- * BREAK * -----																				
16:00	0	0	0	3	89	27	412	1		0	0	0	85		0	0	334	16		967
16:15	0	0	0	3	80	40	549	0		0	0	0	93		0	0	284	14		1063
16:30	0	0	0	5	98	37	598	1		0	0	0	110		0	0	298	9		1156
16:45	0	0	0	5	56	21	588	2		0	0	0	71		0	0	271	10		1024
Hr Total	0	0	0	16	323	125	2147	4		0	0	0	359		0	0	1187	49		4210
17:00	0	0	0	5	80	37	620	1		2	0	0	100		0	0	343	10		1198
17:15	0	0	0	3	77	34	595	1		0	0	0	68		0	0	321	14		1113
17:30	0	0	0	1	62	51	630	1		0	0	0	58		0	0	304	9		1116
17:45	0	0	0	8	57	34	647	1		0	0	0	63		0	0	300	6		1116
Hr Total	0	0	0	17	276	156	2492	4		2	0	0	289		0	0	1268	39		4543

TOTAL	0	0	0	49	1112	553	6888	33		3	0	0	889		0	0	7284	178		16989

Site Code : 00170092
Start Date: 05/10/17
File I.D. : SR84_26T
Page : 2

		555		110			
0	0	391	1	0	109	0	
		0					
		54					
		-----	-----	-----	-----	-----	
		445	1	0	109	0	
		SW 26TH TERRACE					

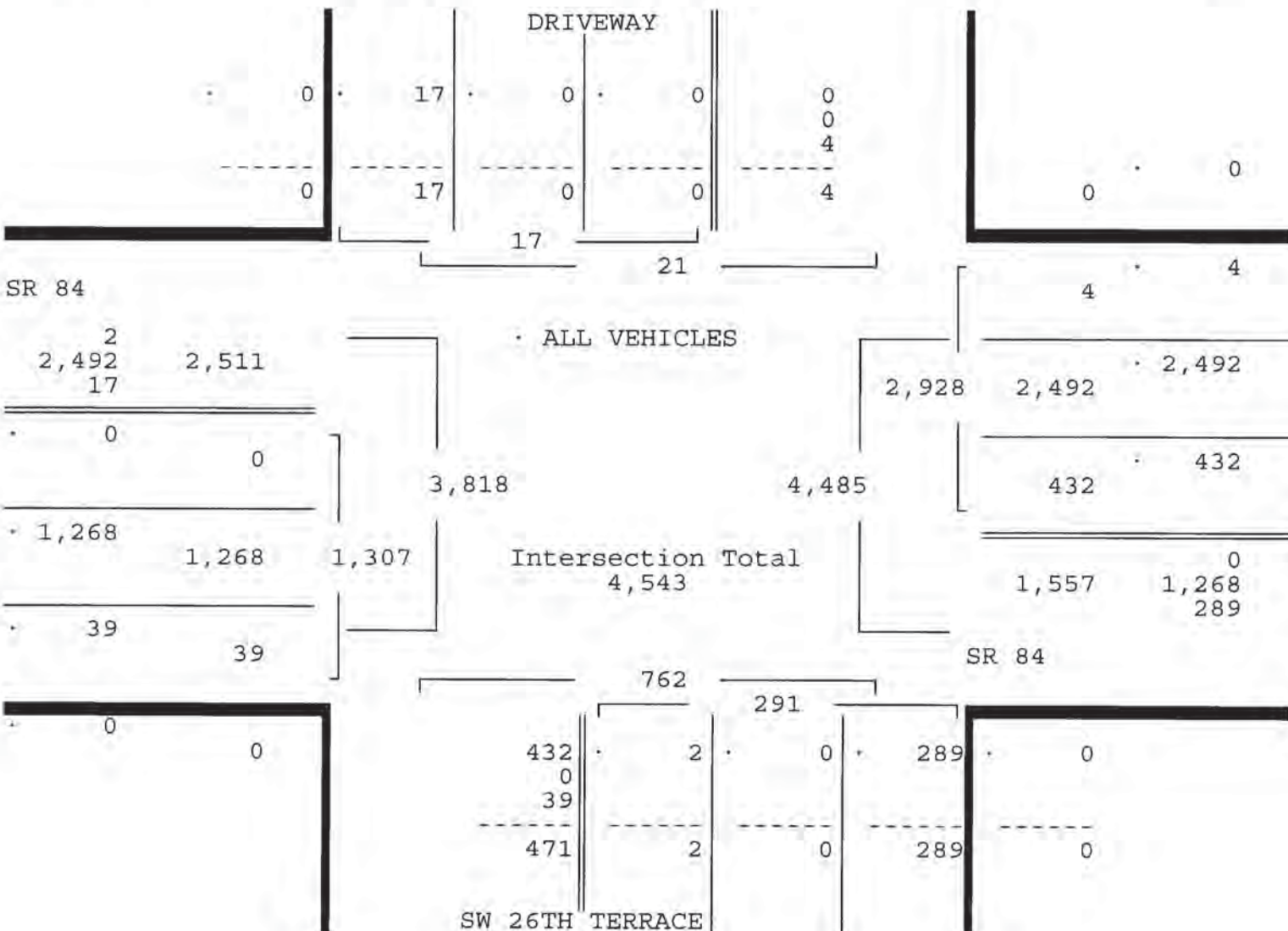
SR 84 & SW 26TH TERRACE
 FT LAUDERDALE, FLORIDA
 COUNTED BY: J. SHEA & D. GONZALEZ
 SIGNALIZED

TRAFFIC SURVEY SPECIALISTS, INC.
 85 SE 4TH AVENUE, UNIT 109
 DELRAY BEACH, FLORIDA
 PHONE (561)272-3255

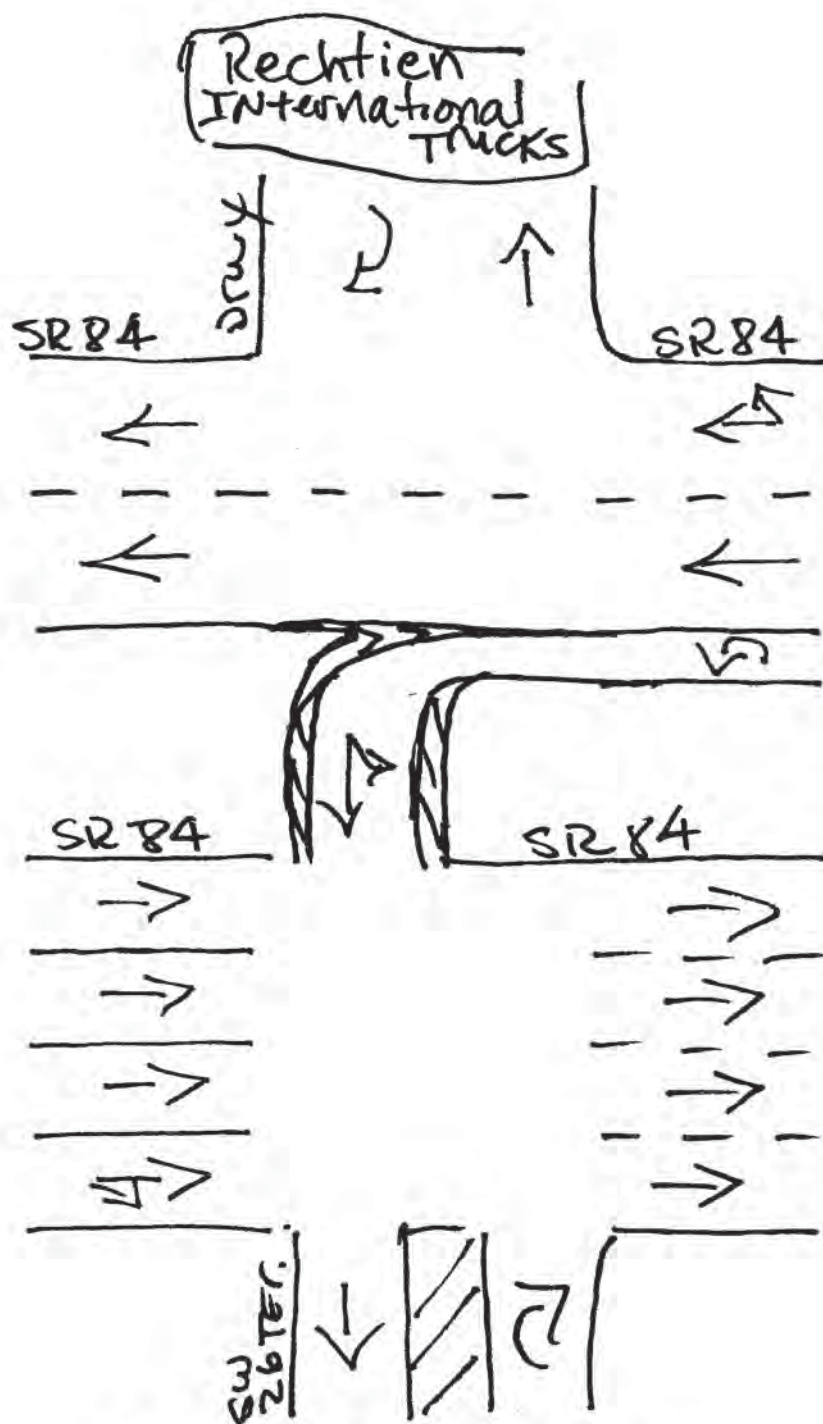
Site Code : 00170092
 Start Date: 05/10/17
 File I.D. : SR84_26T
 Page : 3

ALL VEHICLES

DRIVEWAY				SR 84				SW 26TH TERRACE				SR 84				
From North				From East				From South				From West				
UTurn	Left	Thru	Right	UTurn	Left	Thru	Right	UTurn	Left	Thru	Right	UTurn	Left	Thru	Right	Total
Date 05/10/17																
Peak Hour Analysis By Entire Intersection for the Period: 16:00 to 18:00 on 05/10/17																
Peak start 17:00				17:00				17:00				17:00				
Volume	0	0	0	17	276	156	2492	4	2	0	0	289	0	0	1268	39
Percent	0%	0%	0%	100%	9%	5%	85%	0%	1%	0%	0%	99%	0%	0%	97%	3%
Pk total	17				2928				291			1307				
Highest	17:45				17:30				17:00			17:00				
Volume	0	0	0	8	62	51	630	1	2	0	0	100	0	0	343	10
Hi total	8				744				102			353				
PHF	.53				.98				.71			.93				



Date	DRIVEWAY From North				SR 84 From East				SW 26TH TERRACE From South				SR 84 From West				Total
	Left	BIKES	Right	Peds	Left	BIKES	Right	Peds	Left	BIKES	Right	Peds	Left	BIKES	Right	Peds	
05/10/17																	
07:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
07:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
07:45	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Hr Total	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
08:00	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
08:15	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	4
08:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	1	0	4	0	0	0	0	0	0	0	0	0	0	0	0	5
* BREAK *																	
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16:30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
16:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hr Total	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOTAL	0	5	0	5	0	0	0	0	0	0	0	0	0	0	0	0	10



FT. Lauderdale, Florida
 October 18, 2016
 drawn by: Luis Palomino
 signalized

APPENDIX C

**FDOT Peak Season
Conversion Factor Report**

2016 PEAK SEASON FACTOR CATEGORY REPORT - REPORT TYPE: ALL
 CATEGORY: 8601 CEN.-W OF US1 TO SR7

WEEK	DATES	SF	MOCF: 0.97 PSCF
1	01/01/2016 - 01/02/2016	0.99	1.02
2	01/03/2016 - 01/09/2016	1.00	1.03
3	01/10/2016 - 01/16/2016	1.00	1.03
4	01/17/2016 - 01/23/2016	0.99	1.02
5	01/24/2016 - 01/30/2016	0.99	1.02
* 6	01/31/2016 - 02/06/2016	0.98	1.01
* 7	02/07/2016 - 02/13/2016	0.97	1.00
* 8	02/14/2016 - 02/20/2016	0.96	0.99
* 9	02/21/2016 - 02/27/2016	0.96	0.99
*10	02/28/2016 - 03/05/2016	0.96	0.99
*11	03/06/2016 - 03/12/2016	0.96	0.99
*12	03/13/2016 - 03/19/2016	0.97	1.00
*13	03/20/2016 - 03/26/2016	0.97	1.00
*14	03/27/2016 - 04/02/2016	0.97	1.00
*15	04/03/2016 - 04/09/2016	0.98	1.01
*16	04/10/2016 - 04/16/2016	0.98	1.01
*17	04/17/2016 - 04/23/2016	0.98	1.01
*18	04/24/2016 - 04/30/2016	0.99	1.02
19	05/01/2016 - 05/07/2016	0.99	1.02
20	05/08/2016 - 05/14/2016	1.00	1.03
21	05/15/2016 - 05/21/2016	1.00	1.03
22	05/22/2016 - 05/28/2016	1.01	1.04
23	05/29/2016 - 06/04/2016	1.01	1.04
24	06/05/2016 - 06/11/2016	1.02	1.05
25	06/12/2016 - 06/18/2016	1.02	1.05
26	06/19/2016 - 06/25/2016	1.03	1.06
27	06/26/2016 - 07/02/2016	1.03	1.06
28	07/03/2016 - 07/09/2016	1.03	1.06
29	07/10/2016 - 07/16/2016	1.03	1.06
30	07/17/2016 - 07/23/2016	1.03	1.06
31	07/24/2016 - 07/30/2016	1.03	1.06
32	07/31/2016 - 08/06/2016	1.03	1.06
33	08/07/2016 - 08/13/2016	1.03	1.06
34	08/14/2016 - 08/20/2016	1.03	1.06
35	08/21/2016 - 08/27/2016	1.03	1.06
36	08/28/2016 - 09/03/2016	1.04	1.07
37	09/04/2016 - 09/10/2016	1.04	1.07
38	09/11/2016 - 09/17/2016	1.04	1.07
39	09/18/2016 - 09/24/2016	1.03	1.06
40	09/25/2016 - 10/01/2016	1.03	1.06
41	10/02/2016 - 10/08/2016	1.02	1.05
42	10/09/2016 - 10/15/2016	1.02	1.05
43	10/16/2016 - 10/22/2016	1.02	1.05
44	10/23/2016 - 10/29/2016	1.01	1.04
45	10/30/2016 - 11/05/2016	1.01	1.04
46	11/06/2016 - 11/12/2016	1.01	1.04
47	11/13/2016 - 11/19/2016	1.01	1.04
48	11/20/2016 - 11/26/2016	1.01	1.04
49	11/27/2016 - 12/03/2016	1.00	1.03
50	12/04/2016 - 12/10/2016	1.00	1.03
51	12/11/2016 - 12/17/2016	0.99	1.02
52	12/18/2016 - 12/24/2016	1.00	1.03
53	12/25/2016 - 12/31/2016	1.00	1.03

* PEAK SEASON

21-FEB-2017 10:54:34

830UPD

4_8601_PKSEASON.TXT

APPENDIX D

FDOT Historic Traffic Counts

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2016 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 0199 - SR 84 - W OF SR 9/I-95 & RAVENSWOOD/E OF SW 30 AVE

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
----	-----		-----		-----	-----	-----	-----
2016	40500	C	E 19500		W 21000	9.00	54.10	12.10
2015	42000	C	E 21000		W 21000	9.00	54.00	12.10
2014	44500	C	E 22500		W 22000	9.00	54.20	4.80
2013	45500	C	E 25000		W 20500	9.00	53.60	7.80
2012	42500	C	E 21500		W 21000	9.00	52.20	7.80
2011	42000	C	E 21000		W 21000	9.00	52.50	9.40
2010	42500	C	E 21000		W 21500	8.35	52.69	9.40
2009	43500	C	E 22000		W 21500	8.53	53.89	9.40
2008	40500	C	E 20500		W 20000	8.81	54.16	7.50
2007	38500	C	E 20500		W 18000	8.63	55.75	7.50
2006	38000	C	E 19000		W 19000	8.40	55.34	4.40
2005	38000	C	E 19000		W 19000	8.20	51.70	5.10
2004	37000	C	E 18500		W 18500	9.10	55.30	5.10
2003	37500	C	E 18500		W 19000	8.60	57.50	5.00
2002	36500	C	E 18000		W 18500	8.70	56.40	5.00
2001	34000	C	E 17000		W 17000	9.00	60.20	4.20

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN
*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

FLORIDA DEPARTMENT OF TRANSPORTATION
TRANSPORTATION STATISTICS OFFICE
2016 HISTORICAL AADT REPORT

COUNTY: 86 - BROWARD

SITE: 9505 - SW 26 TERR, S OF SR 84

YEAR	AADT		DIRECTION 1		DIRECTION 2	*K FACTOR	D FACTOR	T FACTOR
----	-----		-----		-----	-----	-----	-----
2016	6300 F		N 3300		S 3000	9.00	54.10	2.90
2015	6300 C		N 3300		S 3000	9.00	54.00	3.40
2014	5400 T					9.00	54.20	7.40
2013	5400 S		0		0	9.00	53.60	7.60
2012	5400 F		0		0	9.00	52.20	5.90
2011	5400 C	N	0	S	0	9.00	52.50	6.30
2010	5200 F		0		0	8.35	52.69	9.30
2009	5200 C	N	0	S	0	8.53	53.89	5.30
2008	6300 C	N	0	S	0	8.81	54.16	6.50
2007	6400 C	N	0	S	0	8.63	55.75	4.80
2006	6300 C	N	0	S	0	8.40	55.34	2.90
2005	6100 C	N		S		8.20	51.70	0.00

AADT FLAGS: C = COMPUTED; E = MANUAL ESTIMATE; F = FIRST YEAR ESTIMATE
S = SECOND YEAR ESTIMATE; T = THIRD YEAR ESTIMATE; R = FOURTH YEAR ESTIMATE
V = FIFTH YEAR ESTIMATE; 6 = SIXTH YEAR ESTIMATE; X = UNKNOWN

*K FACTOR: STARTING WITH YEAR 2011 IS STANDARDK, PRIOR YEARS ARE K30 VALUES

APPENDIX E

Future Traffic Volumes
Spreadsheets

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

SW 26th Terrace & State Road 84 AM Peak Hour

Description	SW 26th Terrace Northbound			Private Driveway Southbound			State Road 84 Eastbound			State Road 84 Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (5/10/2017)	0	0	109	0	0	6	0	2,560	54	391	1,182	13
Season Adjustment Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2017 Peak Season Traffic	0	0	112	0	0	6	0	2,637	56	403	1,217	13
Annual Growth Rate	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
2018 Background Traffic	0	0	114	0	0	6	0	2,676	56	409	1,236	14
New Project Trips			22						7	13		
2018 Total Traffic	0	0	136	0	0	6	0	2,676	63	422	1,236	14

FUTURE TURNING MOVEMENT VOLUME ANALYSIS

SW 26th Terrace & State Road 84 PM Peak Hour

Description	SW 26th Terrace Northbound			Private Driveway Southbound			State Road 84 Eastbound			State Road 84 Westbound		
	Left	Through	Right	Left	Through	Right	Left	Through	Right	Left	Through	Right
Existing Traffic (5/10/2017)	0	0	289	0	0	17	0	1,268	39	432	2,492	4
Season Adjustment Factor	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03	1.03
2017 Peak Season Traffic	0	0	298	0	0	18	0	1,306	40	445	2,567	4
Annual Growth Rate	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%
2018 Background Traffic	0	0	302	0	0	18	0	1,326	41	452	2,605	4
New Project Trips			18						6	16		
2018 Total Traffic	0	0	320	0	0	18	0	1,326	47	468	2,605	4

APPENDIX F

Signal Timing Information

Broward County

Timing Sheet

5/16/2017 10:08:40 AM

Station : 2307 - SR 84 & SW 26 Terrace (Standard File)

Phase	1 (WL)	2 (ET)	3	4 (NT)	5	6	7	8	9	10	11	12	13	14	15	16
Walk		7				7										
Ped Clearance		16				25										
Min Green	5	12		6												
Gap Ext	3	3	1	2	1	1	1	1								
Max1	30	65		20	15	35	15	35								
Max2	20	70		12												
Yellow Clr	5	5	4	4	4	4	4	4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
Red Clr	2	2	2	2	2	2	2	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												
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																
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	ON	ON	ON
Override Higher Preempt	ON	ON	ON	ON	ON	ON
Flash in Dwell	ON	ON	ON	ON	ON	ON
Link to Preempt						
Delay						
Min Duration						
Min Green						
Min Walk						
Ped Clear						
Track Green						
Min Dwell						
Max Presence						
Track Veh 1						
Track Veh 2						
Track Veh 3						
Track Veh 4						
Dwell Cyc Veh 1						
Dwell Cyc Veh 2						
Dwell Cyc Veh 3						
Dwell Cyc Veh 4						
Dwell Cyc Veh 5						

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				



BROWARD COUNTY TRAFFIC ENGINEERING
ACTUATED TRAFFIC SIGNAL TIMING SHEET

Intersection Number	2307	Initial Operation Date	1/7/84
Controller Type	2070	System Number	
Modification Number	8	Modification Date	05/07/2015
Drawing/Project No	523004-1-52-01	FPL Grid Number	87477095205
Intersection	SR 84 and SW 26 TERRACE		
Municipality	DANIA BEACH		

Controller Phase	1	2	3	4	5	6	7	8
Face Number	5	6		4				
Direction	WBL	EB		NB				
Initial Green(MIN)	5	12		6				
Vehicle Ext.(GAP)	3.0	3.0		2.0				
Maximum Green I	30	65		20				
Maximum Green II	20	70		12				
Yellow Clearance	5.0	5.0		4.0				
All Red Clearance	2.0	2.0		2.0				
Phase Recall	OFF	MIN		OFF				
Detector Delay				20-RT				
Walk		7						
Pedestrian Clearance		16						
Permissive	NO							
Flash Operation	RED	YELLOW		RED				
Green Return								

Attachment

Channel/Drop / **IP Address**

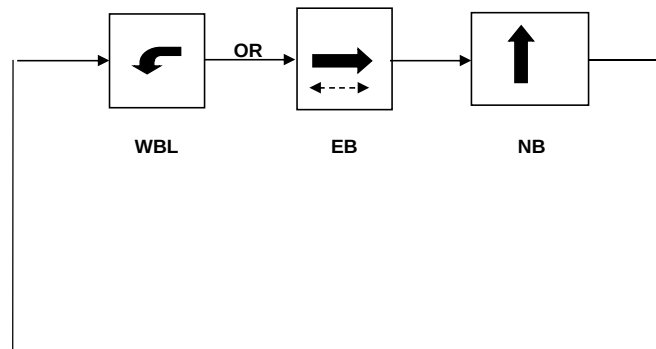
NOTES:

1. MAX 2 OPERATION: 0645-0930, MON.- FRI.
2. MOD. 8 UPDATES YELLOW CLEARANCES ON PHASES 1 & 2 AND ALL RED CLEARANCE VALUES ON PHASES 2 & 4 PER FDOT STANDARDS.

Submitted By _____ **Approved By** _____

Sequence of Operation for SR 84 and SW 26 Terrace (2307)

Dania Beach



WB THROUGH MOVEMENT IS NON-SIGNALIZED
AND IS CONTINUOUS FREE FLOW

APPENDIX G

SYNCHRO Output

Existing Conditions (2017) SYNCHRO Output

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations	TTT	L	R
Traffic Volume (vph)	2637	403	112
Future Volume (vph)	2637	403	112
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	20.0	12.0
Total Split (%)	68.6%	19.6%	11.8%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	62.2	13.8	6.0
Actuated g/C Ratio	0.61	0.14	0.06
v/c Ratio	0.70	1.71	0.42
Control Delay	14.6	365.9	5.0
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	365.9	5.0
LOS	B	F	A
Approach Delay	14.6		
Approach LOS	B		

Intersection Summary

Cycle Length: 102

Actuated Cycle Length: 102

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 90

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.71

Intersection Signal Delay: 58.4

Intersection LOS: E

Intersection Capacity Utilization 70.6%

ICU Level of Service C

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	2721	407	113
v/c Ratio	0.70	1.71	0.42
Control Delay	14.6	365.9	5.0
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	365.9	5.0
Queue Length 50th (ft)	315	~401	0
Queue Length 95th (ft)	355	#587	4
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3948	238	272
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.69	1.71	0.42

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

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	2637	56	403	0	0	112		
Future Volume (veh/h)	2637	56	403	0	0	112		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	2664	57	407	0	0	113		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	3614	77	226	0	0	0		
Arrive On Green	0.56	0.56	0.13	0.00	0.00	0.00		
Sat Flow, veh/h	6766	139	1774	407	0			
Grp Volume(v), veh/h	1967	754	407	421.6	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1838	1774	F				
Q Serve(g_s), s	31.4	31.5	13.0					
Cycle Q Clear(g_c), s	31.4	31.5	13.0					
Prop In Lane		0.08	1.00					
Lane Grp Cap(c), veh/h	2670	1021	226					
V/C Ratio(X)	0.74	0.74	1.80					
Avail Cap(c_a), veh/h	2968	1135	226					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	17.1	17.1	44.5					
Incr Delay (d2), s/veh	0.9	2.3	377.1					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	14.1	16.6	30.0					
LnGrp Delay(d),s/veh	17.9	19.4	421.6					
LnGrp LOS	B	B	F					
Approach Vol, veh/h	2721							
Approach Delay, s/veh	18.3							
Approach LOS	B							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					20.0	63.7		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					13.0	63.0		
Max Q Clear Time (g_c+I1), s					15.0	33.5		
Green Ext Time (p_c), s					0.0	23.1		
Intersection Summary								
HCM 2010 Ctrl Delay			70.8					
HCM 2010 LOS			E					

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations	TTT	T	T
Traffic Volume (vph)	1306	445	298
Future Volume (vph)	1306	445	298
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	40.0	20.0
Total Split (%)	53.8%	30.8%	15.4%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	41.2	62.1	6.7
Actuated g/C Ratio	0.32	0.48	0.05
v/c Ratio	0.71	0.56	0.70
Control Delay	40.7	28.9	10.5
Queue Delay	0.0	0.0	0.0
Total Delay	40.7	28.9	10.5
LOS	D	C	B
Approach Delay	40.7		
Approach LOS	D		

Intersection Summary

Cycle Length: 130

Actuated Cycle Length: 130

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 70

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.71

Intersection Signal Delay: 33.8

Intersection LOS: C

Intersection Capacity Utilization 53.4%

ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	1432	473	317
v/c Ratio	0.71	0.56	0.70
Control Delay	40.7	28.9	10.5
Queue Delay	0.0	0.0	0.0
Total Delay	40.7	28.9	10.5
Queue Length 50th (ft)	306	275	0
Queue Length 95th (ft)	319	448	28
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3093	845	521
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.46	0.56	0.61
Intersection Summary			

HCM 2010 Signalized Intersection Summary

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	1306	40	445	0	0	298		
Future Volume (veh/h)	1306	40	445	0	0	298		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	1389	43	473	0	0	317		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	1913	59	450	0	0	0		
Arrive On Green	0.30	0.30	0.25	0.00	0.00	0.00		
Sat Flow, veh/h	6695	199	1774	473	0			
Grp Volume(v), veh/h	1037	395	473	104.7	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1828	1774	F				
Q Serve(g_s), s	25.1	25.2	33.0					
Cycle Q Clear(g_c), s	25.1	25.2	33.0					
Prop In Lane		0.11	1.00					
Lane Grp Cap(c), veh/h	1429	543	450					
V/C Ratio(X)	0.73	0.73	1.05					
Avail Cap(c_a), veh/h	2329	886	450					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	40.9	40.9	48.5					
Incr Delay (d2), s/veh	0.7	1.9	56.2					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	11.2	13.0	23.2					
LnGrp Delay(d),s/veh	41.7	42.8	104.7					
LnGrp LOS	D	D	F					
Approach Vol, veh/h	1432							
Approach Delay, s/veh	42.0							
Approach LOS	D							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					40.0	45.6		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					33.0	63.0		
Max Q Clear Time (g_c+I1), s					35.0	27.2		
Green Ext Time (p_c), s					0.0	11.5		
Intersection Summary								
HCM 2010 Ctrl Delay			57.6					
HCM 2010 LOS			E					

Future (2018) Background Conditions SYNCHRO Output

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations	TTT	T	T
Traffic Volume (vph)	2676	409	114
Future Volume (vph)	2676	409	114
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	20.0	12.0
Total Split (%)	68.6%	19.6%	11.8%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	62.5	13.5	6.0
Actuated g/C Ratio	0.61	0.13	0.06
v/c Ratio	0.70	1.76	0.42
Control Delay	14.6	390.1	5.4
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	390.1	5.4
LOS	B	F	A
Approach Delay	14.6		
Approach LOS	B		

Intersection Summary

Cycle Length: 102
 Actuated Cycle Length: 102
 Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow
 Natural Cycle: 90
 Control Type: Actuated-Coordinated
 Maximum v/c Ratio: 1.76
 Intersection Signal Delay: 61.4
 Intersection Capacity Utilization 71.5%
 Analysis Period (min) 15

Intersection LOS: E
 ICU Level of Service C

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	2760	413	115
v/c Ratio	0.70	1.76	0.42
Control Delay	14.6	390.1	5.4
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	390.1	5.4
Queue Length 50th (ft)	322	~409	0
Queue Length 95th (ft)	363	#597	6
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3948	234	272
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.70	1.76	0.42

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

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	2676	56	409	0	0	114		
Future Volume (veh/h)	2676	56	409	0	0	114		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	2703	57	413	0	0	115		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	3644	77	226	0	0	0		
Arrive On Green	0.56	0.56	0.13	0.00	0.00	0.00		
Sat Flow, veh/h	6768	137	1774	413	0			
Grp Volume(v), veh/h	1995	765	413	433.3	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1839	1774	F				
Q Serve(g_s), s	31.9	32.0	13.0					
Cycle Q Clear(g_c), s	31.9	32.0	13.0					
Prop In Lane		0.07	1.00					
Lane Grp Cap(c), veh/h	2691	1030	226					
V/C Ratio(X)	0.74	0.74	1.83					
Avail Cap(c_a), veh/h	2968	1136	226					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	16.9	16.9	44.5					
Incr Delay (d2), s/veh	0.9	2.4	388.8					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	14.3	16.8	30.8					
LnGrp Delay(d),s/veh	17.8	19.3	433.3					
LnGrp LOS	B	B	F					
Approach Vol, veh/h	2760							
Approach Delay, s/veh	18.2							
Approach LOS	B							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					20.0	64.1		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					13.0	63.0		
Max Q Clear Time (g_c+I1), s					15.0	34.0		
Green Ext Time (p_c), s					0.0	23.1		
Intersection Summary								
HCM 2010 Ctrl Delay			72.3					
HCM 2010 LOS			E					

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations	TTTB	T	T
Traffic Volume (vph)	1326	452	302
Future Volume (vph)	1326	452	302
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	40.0	20.0
Total Split (%)	53.8%	30.8%	15.4%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	42.0	61.2	6.8
Actuated g/C Ratio	0.32	0.47	0.05
v/c Ratio	0.71	0.58	0.71
Control Delay	40.1	30.0	11.0
Queue Delay	0.0	0.0	0.0
Total Delay	40.1	30.0	11.0
LOS	D	C	B
Approach Delay	40.1		
Approach LOS	D		

Intersection Summary

Cycle Length: 130

Actuated Cycle Length: 130

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 70

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.71

Intersection Signal Delay: 33.8

Intersection LOS: C

Intersection Capacity Utilization 54.1%

ICU Level of Service A

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	1455	481	321
v/c Ratio	0.71	0.58	0.71
Control Delay	40.1	30.0	11.0
Queue Delay	0.0	0.0	0.0
Total Delay	40.1	30.0	11.0
Queue Length 50th (ft)	311	283	0
Queue Length 95th (ft)	321	469	32
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3093	833	520
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.47	0.58	0.62
Intersection Summary			

HCM 2010 Signalized Intersection Summary

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	1326	41	452	0	0	302		
Future Volume (veh/h)	1326	41	452	0	0	302		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	1411	44	481	0	0	321		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	1941	60	450	0	0	0		
Arrive On Green	0.30	0.30	0.25	0.00	0.00	0.00		
Sat Flow, veh/h	6694	200	1774	481	0			
Grp Volume(v), veh/h	1054	401	481	110.3	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1827	1774	F				
Q Serve(g_s), s	25.5	25.5	33.0					
Cycle Q Clear(g_c), s	25.5	25.5	33.0					
Prop In Lane		0.11	1.00					
Lane Grp Cap(c), veh/h	1450	551	450					
V/C Ratio(X)	0.73	0.73	1.07					
Avail Cap(c_a), veh/h	2329	886	450					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	40.6	40.6	48.5					
Incr Delay (d2), s/veh	0.7	1.9	61.8					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	11.4	13.2	23.9					
LnGrp Delay(d),s/veh	41.3	42.5	110.3					
LnGrp LOS	D	D	F					
Approach Vol, veh/h	1455							
Approach Delay, s/veh	41.6							
Approach LOS	D							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					40.0	46.2		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					33.0	63.0		
Max Q Clear Time (g_c+I1), s					35.0	27.5		
Green Ext Time (p_c), s					0.0	11.7		
Intersection Summary								
HCM 2010 Ctrl Delay			58.7					
HCM 2010 LOS			E					

Future (2018) Total Conditions SYNCHRO Output

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations			
Traffic Volume (vph)	2676	422	136
Future Volume (vph)	2676	422	136
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	20.0	12.0
Total Split (%)	68.6%	19.6%	11.8%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	62.5	13.5	6.0
Actuated g/C Ratio	0.61	0.13	0.06
v/c Ratio	0.71	1.82	0.50
Control Delay	14.6	413.8	9.0
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	413.8	9.0
LOS	B	F	A
Approach Delay	14.6		
Approach LOS	B		

Intersection Summary

Cycle Length: 102

Actuated Cycle Length: 102

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 90

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 1.82

Intersection Signal Delay: 65.5

Intersection LOS: E

Intersection Capacity Utilization 72.4%

ICU Level of Service C

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	2767	426	137
v/c Ratio	0.71	1.82	0.50
Control Delay	14.6	413.8	9.0
Queue Delay	0.0	0.0	0.0
Total Delay	14.6	413.8	9.0
Queue Length 50th (ft)	324	~427	0
Queue Length 95th (ft)	365	#616	24
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3949	234	272
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.70	1.82	0.50

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

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	2676	63	422	0	0	136		
Future Volume (veh/h)	2676	63	422	0	0	136		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	2703	64	426	0	0	137		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	3639	86	226	0	0	0		
Arrive On Green	0.56	0.56	0.13	0.00	0.00	0.00		
Sat Flow, veh/h	6749	153	1774	426	0			
Grp Volume(v), veh/h	2001	766	426	458.6	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1836	1774	F				
Q Serve(g_s), s	31.9	32.1	13.0					
Cycle Q Clear(g_c), s	31.9	32.1	13.0					
Prop In Lane		0.08	1.00					
Lane Grp Cap(c), veh/h	2696	1030	226					
V/C Ratio(X)	0.74	0.74	1.88					
Avail Cap(c_a), veh/h	2968	1134	226					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	16.8	16.9	44.5					
Incr Delay (d2), s/veh	0.9	2.4	414.1					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	14.3	16.9	32.4					
LnGrp Delay(d),s/veh	17.8	19.3	458.6					
LnGrp LOS	B	B	F					
Approach Vol, veh/h	2767							
Approach Delay, s/veh	18.2							
Approach LOS	B							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					20.0	64.2		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					13.0	63.0		
Max Q Clear Time (g_c+I1), s					15.0	34.1		
Green Ext Time (p_c), s					0.0	23.1		
Intersection Summary								
HCM 2010 Ctrl Delay			77.0					
HCM 2010 LOS			E					

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Configurations	TTT	T	T
Traffic Volume (vph)	1326	468	320
Future Volume (vph)	1326	468	320
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	70.0	40.0	20.0
Total Split (%)	53.8%	30.8%	15.4%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effect Green (s)	42.2	60.6	7.3
Actuated g/C Ratio	0.32	0.47	0.06
v/c Ratio	0.70	0.60	0.74
Control Delay	39.9	31.5	13.1
Queue Delay	0.0	0.0	0.0
Total Delay	39.9	31.5	13.1
LOS	D	C	B
Approach Delay	39.9		
Approach LOS	D		

Intersection Summary

Cycle Length: 130

Actuated Cycle Length: 130

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 70

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.74

Intersection Signal Delay: 34.1

Intersection LOS: C

Intersection Capacity Utilization 55.1%

ICU Level of Service B

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017



Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	1461	498	340
v/c Ratio	0.70	0.60	0.74
Control Delay	39.9	31.5	13.1
Queue Delay	0.0	0.0	0.0
Total Delay	39.9	31.5	13.1
Queue Length 50th (ft)	312	298	0
Queue Length 95th (ft)	322	506	49
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	3093	824	520
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.47	0.60	0.65
Intersection Summary			

HCM 2010 Signalized Intersection Summary

101: SW 26 Terrace & SR 84 (EB)/SR 84

05/18/2017

								
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations								
Traffic Volume (veh/h)	1326	47	468	0	0	320		
Future Volume (veh/h)	1326	47	468	0	0	320		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	1411	50	498	0	0	340		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	1940	69	450	0	0	0		
Arrive On Green	0.30	0.30	0.25	0.00	0.00	0.00		
Sat Flow, veh/h	6663	227	1774	498	0			
Grp Volume(v), veh/h	1059	402	498	122.9	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1823	1774	F				
Q Serve(g_s), s	25.6	25.6	33.0					
Cycle Q Clear(g_c), s	25.6	25.6	33.0					
Prop In Lane		0.12	1.00					
Lane Grp Cap(c), veh/h	1457	552	450					
V/C Ratio(X)	0.73	0.73	1.11					
Avail Cap(c_a), veh/h	2329	883	450					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	40.5	40.5	48.5					
Incr Delay (d2), s/veh	0.7	1.9	74.4					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	11.4	13.1	25.4					
LnGrp Delay(d),s/veh	41.2	42.4	122.9					
LnGrp LOS	D	D	F					
Approach Vol, veh/h	1461							
Approach Delay, s/veh	41.5							
Approach LOS	D							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					40.0	46.4		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					33.0	63.0		
Max Q Clear Time (g_c+I1), s					35.0	27.6		
Green Ext Time (p_c), s					0.0	11.8		
Intersection Summary								
HCM 2010 Ctrl Delay			62.2					
HCM 2010 LOS			E					

Future (2018) Total Conditions (Optimized)

SYNCHRO Output

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↖	↗
Lane Group	EBT	WBL	NBR
Lane Configurations	↑↑↑↑	↖	↗
Traffic Volume (vph)	2676	422	136
Future Volume (vph)	2676	422	136
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	53.0	37.0	12.0
Total Split (%)	52.0%	36.3%	11.8%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effct Green (s)	46.0	30.0	6.0
Actuated g/C Ratio	0.45	0.29	0.06
v/c Ratio	0.96	0.82	0.27
Control Delay	37.2	48.0	1.4
Queue Delay	0.0	0.0	0.0
Total Delay	37.2	48.0	1.4
LOS	D	D	A
Approach Delay	37.2		
Approach LOS	D		

Intersection Summary

Cycle Length: 102

Actuated Cycle Length: 102

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 90

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.96

Intersection Signal Delay: 37.1

Intersection LOS: D

Intersection Capacity Utilization 72.4%

ICU Level of Service C

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↙	↗
Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	2767	426	137
v/c Ratio	0.96	0.82	0.27
Control Delay	37.2	48.0	1.4
Queue Delay	0.0	0.0	0.0
Total Delay	37.2	48.0	1.4
Queue Length 50th (ft)	491	257	0
Queue Length 95th (ft)	#597	#415	0
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	2884	520	500
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.96	0.82	0.27

Intersection Summary

95th percentile volume exceeds capacity, queue may be longer.
Queue shown is maximum after two cycles.

HCM 2010 Signalized Intersection Summary
101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↘	↙	←	↖	↗		
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations	↑↑↑↑		↘			↗		
Traffic Volume (veh/h)	2676	63	422	0	0	136		
Future Volume (veh/h)	2676	63	422	0	0	136		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	2703	64	426	0	0	137		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.99	0.99	0.99	0.99	0.99	0.99		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	2914	69	460	0	0	0		
Arrive On Green	0.45	0.45	0.26	0.00	0.00	0.00		
Sat Flow, veh/h	6749	153	1774	426	0			
Grp Volume(v), veh/h	2001	766	426	58.2	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1836	1774	E				
Q Serve(g_s), s	40.1	40.3	23.9					
Cycle Q Clear(g_c), s	40.1	40.3	23.9					
Prop In Lane		0.08	1.00					
Lane Grp Cap(c), veh/h	2158	824	460					
V/C Ratio(X)	0.93	0.93	0.93					
Avail Cap(c_a), veh/h	2167	828	522					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	26.5	26.6	36.8					
Incr Delay (d2), s/veh	7.6	16.7	21.4					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	19.1	24.0	14.4					
LnGrp Delay(d),s/veh	34.1	43.2	58.2					
LnGrp LOS	C	D	E					
Approach Vol, veh/h	2767							
Approach Delay, s/veh	36.6							
Approach LOS	D							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					33.4	52.8		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					30.0	46.0		
Max Q Clear Time (g_c+I1), s					25.9	42.3		
Green Ext Time (p_c), s					0.6	3.5		
Intersection Summary								
HCM 2010 Ctrl Delay			39.5					
HCM 2010 LOS			D					

Timings

101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↖	↗
Lane Group	EBT	WBL	NBR
Lane Configurations	TTTB	T	T
Traffic Volume (vph)	1326	468	320
Future Volume (vph)	1326	468	320
Turn Type	NA	Prot	Prot
Protected Phases	6	5	7
Permitted Phases			
Detector Phase	6	5	7
Switch Phase			
Minimum Initial (s)	12.0	5.0	6.0
Minimum Split (s)	30.0	19.0	12.0
Total Split (s)	45.0	64.0	21.0
Total Split (%)	34.6%	49.2%	16.2%
Yellow Time (s)	5.0	5.0	4.0
All-Red Time (s)	2.0	2.0	2.0
Lost Time Adjust (s)	0.0	0.0	0.0
Total Lost Time (s)	7.0	7.0	6.0
Lead/Lag	Lag	Lead	
Lead-Lag Optimize?	Yes	Yes	
Recall Mode	Min	C-Max	None
Act Effct Green (s)	37.0	67.0	6.0
Actuated g/C Ratio	0.28	0.52	0.05
v/c Ratio	0.80	0.55	0.49
Control Delay	46.9	24.3	2.4
Queue Delay	0.0	0.0	0.0
Total Delay	46.9	24.3	2.4
LOS	D	C	A
Approach Delay	46.9		
Approach LOS	D		

Intersection Summary

Cycle Length: 130

Actuated Cycle Length: 130

Offset: 0 (0%), Referenced to phase 5:WBL, Start of Yellow

Natural Cycle: 70

Control Type: Actuated-Coordinated

Maximum v/c Ratio: 0.80

Intersection Signal Delay: 35.4

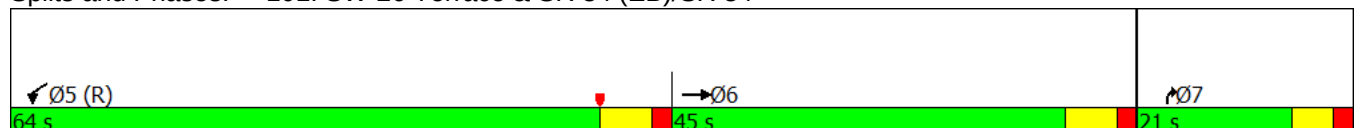
Intersection LOS: D

Intersection Capacity Utilization 55.1%

ICU Level of Service B

Analysis Period (min) 15

Splits and Phases: 101: SW 26 Terrace & SR 84 (EB)/SR 84



Queues

101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↙	↗
Lane Group	EBT	WBL	NBR
Lane Group Flow (vph)	1461	498	340
v/c Ratio	0.80	0.55	0.49
Control Delay	46.9	24.3	2.4
Queue Delay	0.0	0.0	0.0
Total Delay	46.9	24.3	2.4
Queue Length 50th (ft)	327	279	0
Queue Length 95th (ft)	373	386	0
Internal Link Dist (ft)	650		
Turn Bay Length (ft)		600	
Base Capacity (vph)	1867	912	765
Starvation Cap Reductn	0	0	0
Spillback Cap Reductn	0	0	0
Storage Cap Reductn	0	0	0
Reduced v/c Ratio	0.78	0.55	0.44
Intersection Summary			

HCM 2010 Signalized Intersection Summary
101: SW 26 Terrace & SR 84 (EB)/SR 84

5/19/2017

	→	↘	↙	←	↖	↗		
Movement	EBT	EBR	WBL	WBT	NBL	NBR		
Lane Configurations	↑↑↑↑		↘			↗		
Traffic Volume (veh/h)	1326	47	468	0	0	320		
Future Volume (veh/h)	1326	47	468	0	0	320		
Number	6	16	5	2	7	14		
Initial Q (Qb), veh	0	0	0	0	0	0		
Ped-Bike Adj(A_pbT)		1.00	1.00		1.00	1.00		
Parking Bus, Adj	1.00	1.00	1.00	1.00	1.00	1.00		
Adj Sat Flow, veh/h/ln	1863	1900	1863	0	0	1863		
Adj Flow Rate, veh/h	1411	50	498	0	0	340		
Adj No. of Lanes	4	0	1	0	0	1		
Peak Hour Factor	0.94	0.94	0.94	0.94	0.94	0.94		
Percent Heavy Veh, %	2	2	2	0	0	2		
Cap, veh/h	1703	60	532	0	0	0		
Arrive On Green	0.27	0.27	0.30	0.00	0.00	0.00		
Sat Flow, veh/h	6663	227	1774	498	0			
Grp Volume(v), veh/h	1059	402	498	58.7	0.0			
Grp Sat Flow(s),veh/h/ln	1602	1823	1774	E				
Q Serve(g_s), s	27.0	27.0	35.5					
Cycle Q Clear(g_c), s	27.0	27.0	35.5					
Prop In Lane		0.12	1.00					
Lane Grp Cap(c), veh/h	1278	485	532					
V/C Ratio(X)	0.83	0.83	0.94					
Avail Cap(c_a), veh/h	1405	533	778					
HCM Platoon Ratio	1.00	1.00	1.00					
Upstream Filter(I)	1.00	1.00	1.00					
Uniform Delay (d), s/veh	44.9	44.9	44.3					
Incr Delay (d2), s/veh	4.0	9.9	14.4					
Initial Q Delay(d3),s/veh	0.0	0.0	0.0					
%ile BackOfQ(50%),veh/ln	12.4	15.0	19.6					
LnGrp Delay(d),s/veh	48.9	54.8	58.7					
LnGrp LOS	D	D	E					
Approach Vol, veh/h	1461							
Approach Delay, s/veh	50.5							
Approach LOS	D							
Timer	1	2	3	4	5	6	7	8
Assigned Phs					5	6		
Phs Duration (G+Y+Rc), s					46.0	41.6		
Change Period (Y+Rc), s					7.0	7.0		
Max Green Setting (Gmax), s					57.0	38.0		
Max Q Clear Time (g_c+I1), s					37.5	29.0		
Green Ext Time (p_c), s					1.5	5.6		
Intersection Summary								
HCM 2010 Ctrl Delay			52.6					
HCM 2010 LOS			D					

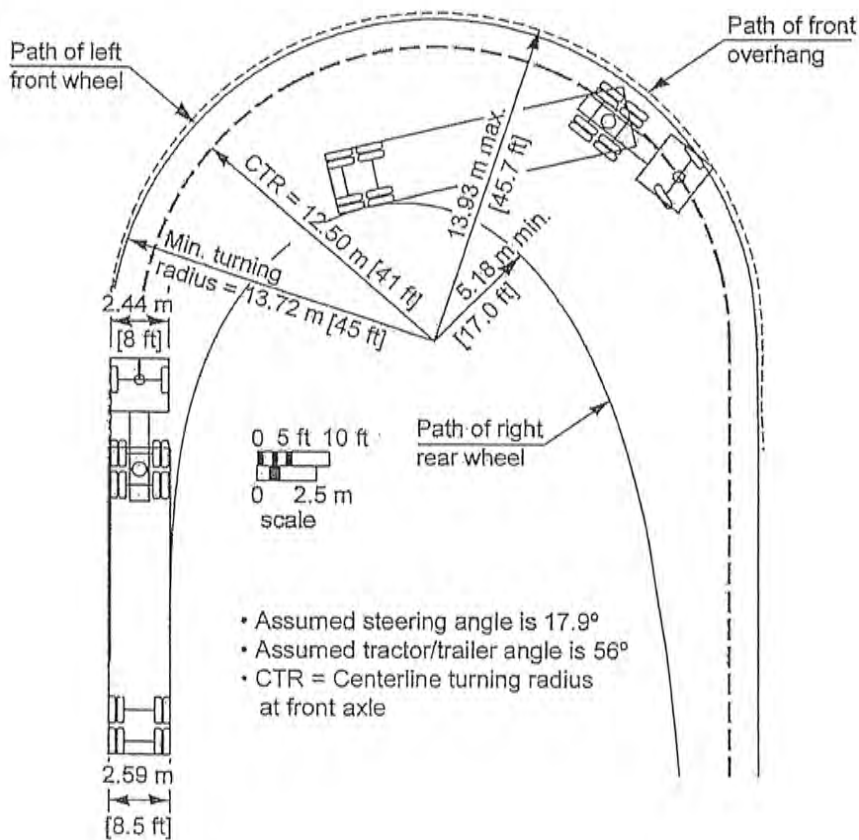
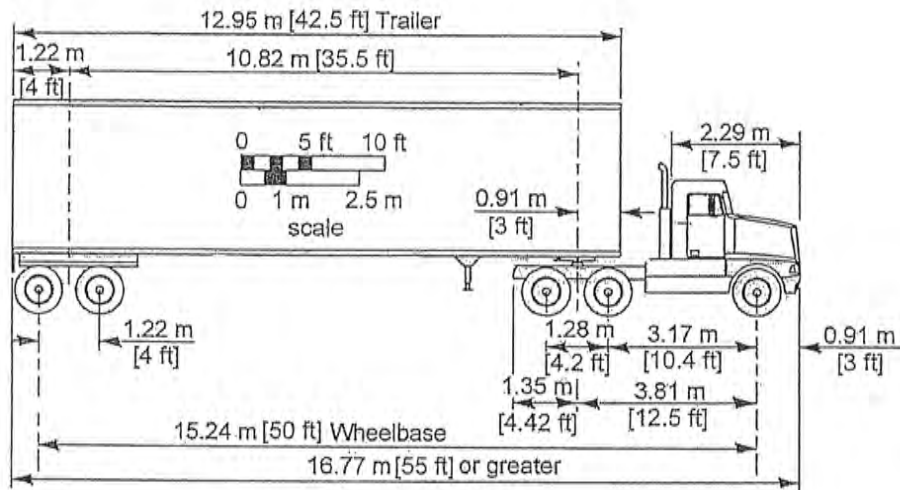
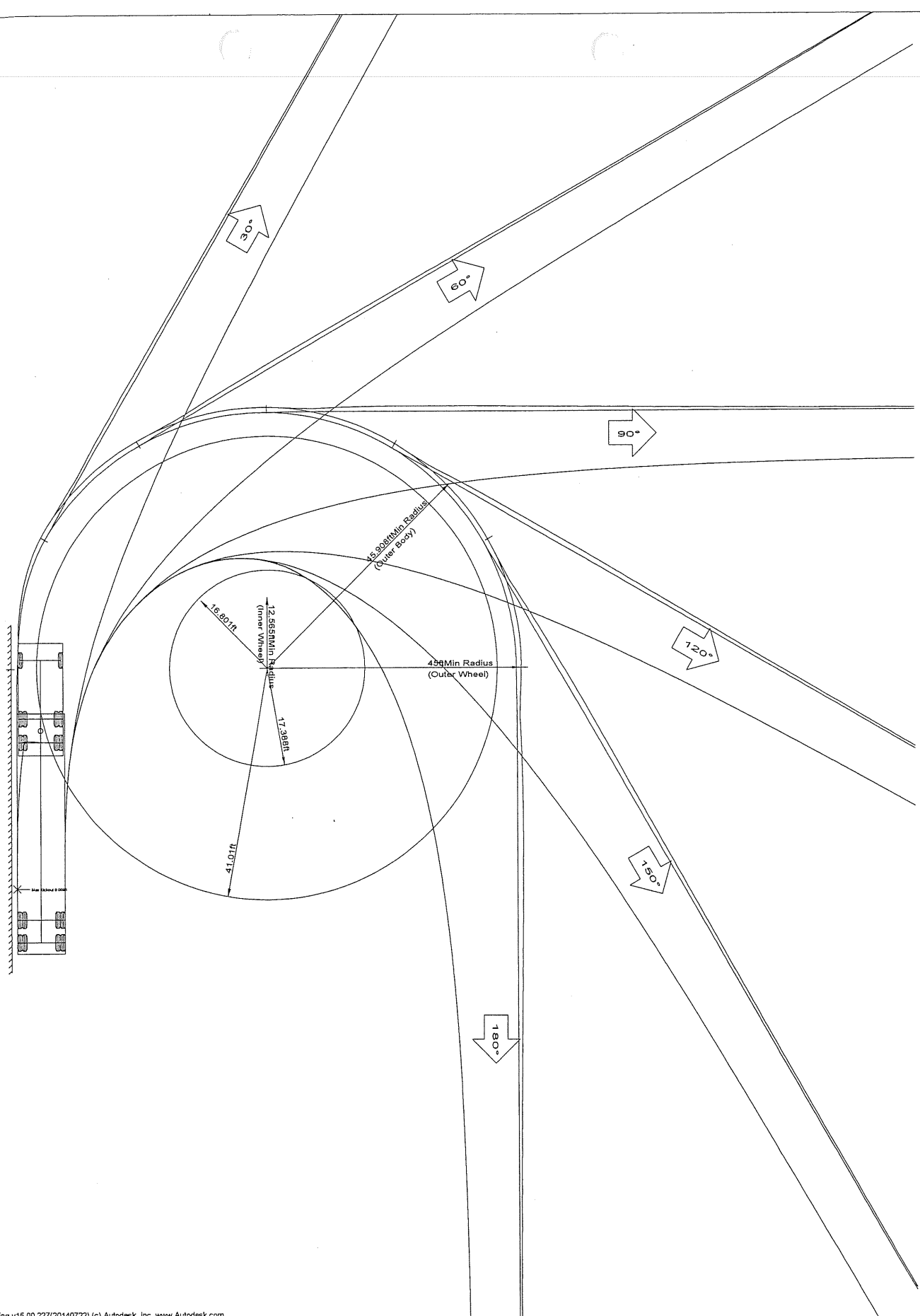


Exhibit 2-14. Minimum Turning Path for Intermediate Semitrailer (WB-15 [WB-50])
Design Vehicle





Autodesk Vehicle Tracking v15.00.227(20140722) (c) Autodesk, Inc. www.Autodesk.com

Notes:
Turn(s) based upon a design speed of 5.00mph. After transition, center of front axle follows smallest possible circular arc. Curb is located 11.81ft from the vehicle. Maximum kick out distance is 0.008ft.

Title:

WB-50 - Intermediate
Semi-Trailer

Scale: 1:3463

Date: 5/12/2017

City of Dania Beach
TRAFFIC IMPACT ANALYSIS WORK SHEET



Name of Proposed Project: CORALUZZO FACILITY

Owner/Applicant:

Name _____

Street/Mailing Address _____

City _____ State _____ Zip _____

Telephone: _____

Traffic Engineer who prepared the Traffic Impact Analysis:

KCP CONSULTING, INC
Firm Name

KARL PETERSON, (954) 560-7103
Contact Name/Telephone

1. PROJECT DESCRIPTION

a. Street address (if known): 2401 SW 31ST STREET

b. Location: _____

SEE FIGURE 1 IN TRAFFIC IMPACT STUDY
_____ (attach a vicinity map and site plan)

c. Specify existing land use: VACANT

d. Specify proposed type and size of development: FUEL TRUCK STORAGE FACILITY
1.482 ACRES

e. When will the project begin construction and when will it be completed? _____

f. Define proposed access locations: TWO DRIVEWAYS ON SW 31ST STREET

g. Define proposed sight distance at site egress locations: NO OBSTRUCTIONS ARE PROPOSED.

2. TRIP GENERATION

a. Existing Site Trip Generation Table:

ITE Land Use	Daily (ADT)	PM Peak-Hour Trips	
		IN	OUT
N/A - VACANT	—	—	—

b. Proposed Project Trip Generation Table:

ITE Land Use	Daily (ADT)	PM Peak-Hour Trips	
		IN	OUT
N/A*	100	22	23

* NO DIRECTLY APPLICABLE LAND USE. TRIP GENERATION
BASED UPON PROPOSED OPERATIONAL PARAMETERS

c. Net New Project Trip Generation Table:

ITE Land Use	Daily (ADT)	PM Peak-Hour Trips	
		IN	OUT
N/A	100	22	23

d. State assumptions and methodology for internal, link-diverted or passby trips: N/A

3. TRIP DISTRIBUTION

Prepare and attach a graphic showing project trip distribution percentages and assignments.

SEE FIGURES 4 + 5 IN THE TRAFFIC IMPACT STUDY

4. SITE ACCESS ROADWAY/DRIVEWAYS AND SAFETY

- a. Have sight distance requirements at egress location been met

YES

- b. Intersection Level of Service Analysis: SW 26TH TERRACE & SR 84

- Existing Conditions

LOS E Delays 57.6

- Year of Opening

LOS E Delays 58.7

- Five Years Beyond Change of Land Use

LOS _____ Delays _____

(Intersections to be evaluated shall be determined by the City)

- c. Describe channelization warrants:

N/A

- d. Vehicle Storage/Queuing Analysis (calculate 50% and 95% queuing lengths):

	50%	95%
- Existing Conditions	_____	_____
- Year of Opening	_____	_____
- Five Years Beyond Change of Land Use	_____	_____

- e. If appropriate, state stop sign and signal warrants:

N/A

- f. Summarize local accident history:

N/A

5. TRAFFIC VOLUMES

- a. Describe existing ADT and peak-hour counts, including turning movements, on street adjacent to and directly impacted by the project.

SEE ATTACHED TRAFFIC STUDY

- b. Describe the estimated ADT and peak-hour counts, including turning movements, the year the project is fully open (with and without project traffic).

SEE ATTACHED TRAFFIC STUDY

- c. Describe the estimated ADT and peak-hour counts, including turning movements, five years after the project has been fully open (with and without project traffic).

SEE ATTACHED TRAFFIC STUDY

- d. State annual background traffic growth factor and source:

1.5% FDOT

6. LEVEL OF SERVICE ANALYSIS

Summarize Level of Service Analysis below and attach supporting LOS analysis documentation. Provide the following documentation for each arterial street or arterial intersection impacted by ten or more peak-hour trips. Other City-planned developments must also be factored into the LOS calculations.

Existing LOS:

Existing Condition: LOS "E"

Year of Opening LOS:

With Project: LOS "E"

Without Project: LOS "E"

Five Years After Opening LOS:

With Project: _____

Without Project: _____

Note any assumptions/variations to standard analysis default values and justifications: _____

7. MITIGATION RECOMMENDATIONS

State recommended measures to mitigate project specific traffic impacts.

N/A

8. REPORT REQUIREMENTS

Level III

- Provide three copies of traffic analysis report
- Traffic analysis reports to be prepared by a firm or individual with experience in traffic engineering/transportation planning and affiliated with ITE
- Traffic reports shall be signed and stamped by registered Professional Engineer in the State of Florida



DANIA CSCQ
FES #16-1340.00

Drainage Calculations Summary:

This project is 1.48 acres development project. The site is currently vacant and is proposed to be developed into an industrial building with associated site parking.

The site is located at 2401 SW 31st Street, Dania Beach, Fl

The control water elevation for this site is 0.50' NAVD.

No dewatering is anticipated for construction of this project.

Water quality required (0.23 ac-ft) will be provided in exfiltration trench.

Water quantity is provided for the 5yr-1hour rainfall (3.2") volume in exfiltration trench. This requires 725 lf of exfiltration trench (0.40 ac-ft).

Additional storage for water quantity is provided in R-Tank underground storage chambers for a volume of 1.0 acre-feet.

Summarized below are the routed flood stages:

	<u>Post Development</u>	<u>Pre Development</u>
100-yr - 3 day (Minimum FFE=10.0 NAVD)	5.43' NAVD	5.42' NAVD
25-yr - 3 day (Minimum Perimeter Berm= Not Required)	5.01' NAVD	5.17' NAVD



Synalovski, Romanik, Saye (SRS)

1800 Eller Drive, Suite 500

Fort Lauderdale, FL 33316

Habitat Investigation Report

Location: SW 31st Street, Dania Beach

Parcel Description: Tropic Farms 24-30 B Lot 6 E 40, 7 N 339.95, Less
Therefrom RD R/W IN OR 12200/313 BLK 1

Folio Number: 5042 2006 0050

CGA # 17-7921



Prepared By: **Calvin, Giordano & Associates, Inc.**
EXCEPTIONAL SOLUTIONS™

1.0 INTRODUCTION

Due to development consideration, SRS requested Calvin, Giordano, & Associates (CGA) Environmental Staff to conduct a habitat investigation on the parcel identified by folio number 5042 2006 0050 to:

- Determine if present, or if the potential may exist for adverse effects to any threatened, endangered or wildlife species of concern, and
- Provide a brief report for submittal to the City of Dania Beach outlining the observations and identify what natural resource considerations are applicable to this project location.

Site investigations were conducted on April 2, 2017.

2.0 SUBJECT AREA

The subject area is located on the north side of SW 31st Street, between SW 26th Terrace and Anglers Avenue, in the City of Dania Beach, it is identified by folio number 5042 2006 0050. The parcel contains 1.5 acres. The subject parcel falls within Section 20, Township 50s and Range 42e in Broward County in the City of Dani Beach. See Exhibit A. Project Location Map.

3.0 SITE OBSERVATIONS

The subject parcel is rectangular, roughly 190' deep by 345' wide. It abuts SW 31st Street on the south and developed parcels on the remaining sides, there appears to be no setbacks to adjacent development. The parcel is devoid of vegetation except along the perimeter fencing, which is predominately exotic invasive species. There is chain link fencing along the perimeter of the parcel, the fencing is in poor condition in many locations. There is a fill pile near the north end of the parcel. There are no waterbodies within or adjacent to the subject parcel. No wetlands or indicators of wetland habits are present. The substrate appears to be compacted lime rock fill. Nearly 50% of the parcel is devoid of any vegetation. There is debris littered throughout the site. No native vegetative communities fall within or adjacent to the subject area. The parcel does not contain critical habitat to support wildlife species, and none were observed.

No endangered or threatened species were observed and the subject area does not provide suitable habitat for endangered or threatened species. See Exhibit B. Subject Area Photo-pages.

4.0 DISCUSSION

Overall the parcel falls within a highly urbanized area falling within a wedge shaped commercial development area that is bounded on the south by I-595, on the north by State Road 84 and on the east by I-95. The parcel is approximately 150' north of the entrance ramps to I-595 and approximately 700' to the west-north-west of the I-95 and I-595 interchange. The end of the Fort Lauderdale International Airport is approximately 3,000' to the southeast. The adjacent properties are developed to the lot lines and not conducive to support wildlife, or wildlife habitat. Historic aerial photographs indicate the subject parcel has been cleared for at least a decade.



Wetlands are determined by examining the type of vegetation that is present, along with the characteristics of the soil and the hydrologic conditions. Jurisdictional wetlands do not necessarily require standing water to be present. Careful site inspections need to be conducted to determine if wetland characteristics are present. The vegetative index, as found in Section 62-340.450 F.A.C., is also used to assist in the identification and delineation of wetlands. Plants on the vegetative index are listed as Obligate (OBL), Facultative Wetland (FACW), or Facultative (FAC). The presence of obligate wetland plant species indicates wetland habitat. CGA specifically examined the hydrologic conditions, the soils and the vegetation to determine if there are characteristics and features that would indicate the presence of jurisdictional wetlands pursuant to Sections 62-340.100 through 62-340.500, F.A.C., as ratified by Section 373.4211 F.S, as well in accordance with the 1987 U.S. ACOE Wetland Delineation Manual. No wetlands or indicators of wetland habits were observed. The subject area is not mapped on the National Wetlands Inventory Area. There are no waterbodies within the subject area.

The Florida Fish and Wildlife Conservation Commission (FWC) maintains the state list of animals identified as Federally-designated Endangered or Threatened, State-designated Threatened, or State-designated Species of Special Concern, in accordance with Rules 68A-27.003, and 68A-27.005, respectively, Florida Administrative Code (F.A.C.). CGA reviewed the current listing and reviewed the habitat needed to support these species. The subject area and immediate vicinity were examined to determine the presences of or suitability of site utilization by threatened, endangered or wildlife species of special concern, and to determine if multi-layered native vegetative communities were present. There is no wetland, marsh or aquatic habitat to support wetland and aquatic dependent species. There is no scrub or forested habitat to support species dependent on these habitats. This is not a coastal beach dune or strand habitat that would be necessary to support coastal dependent species. No endangered or threatened species were observed and the subject area does not provide suitable habitat for listed species. Burrowing Owls (*Athene cunicularia*) and Gopher Tortoises (*Gopherus polyphemus*) are listed species which have a potential to occur in upland disturbed and urbanized areas; however, there are no Burrowing Owls, Gopher Tortoises, or owl or gopher tortoise burrows within the subject area.

5.0 CONCLUSION

There are no impacts to wetlands, waterbodies, native vegetative communities or imperiled species or species of special concern with the development of this parcel. Permits or consultation relating to these resources will not be required for the implementation of this project.

EXHIBITS

Exhibit A. Project Location Map

Exhibit B. Photo-pages of the Subject Area



Calvin, Giordano & Associates, Inc.
EXCEPTIONAL SOLUTIONS™

Property Id: 504220060050



May 1, 2017

1:4,000
0 187.5 375 750 ft
0 55 110 220 m

Exhibit B. Photo-pages

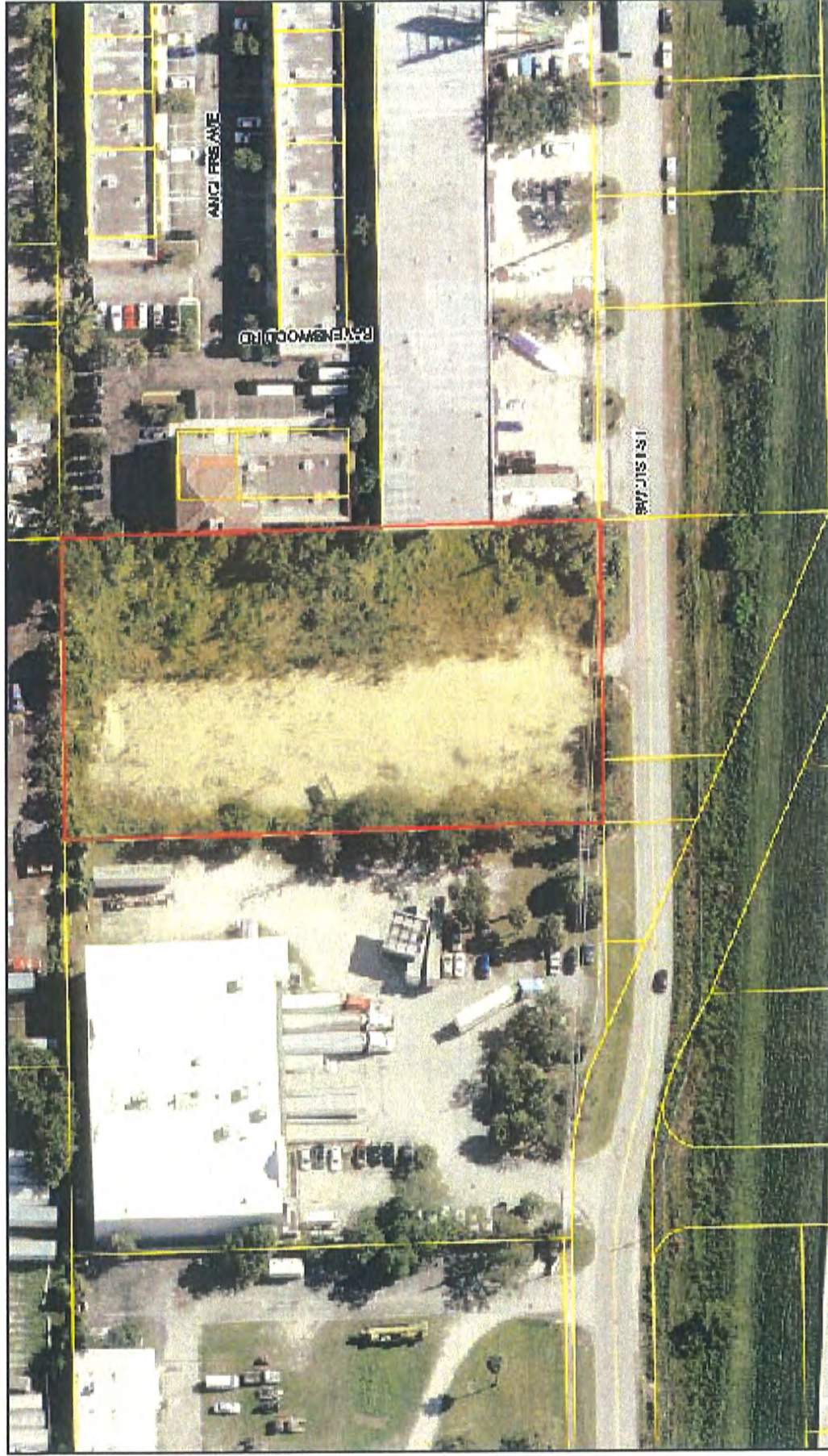
Google Earth Image

Current Image from Property Appraisers Website

Current Site Photographs



Property Id: 504220060050



May 1, 2017

1:1,000
0 45 90 180 ft
0 12.5 25 50 m

SW Corner



West Property Line



Looking north across parcel



East Property Line



SE Corner



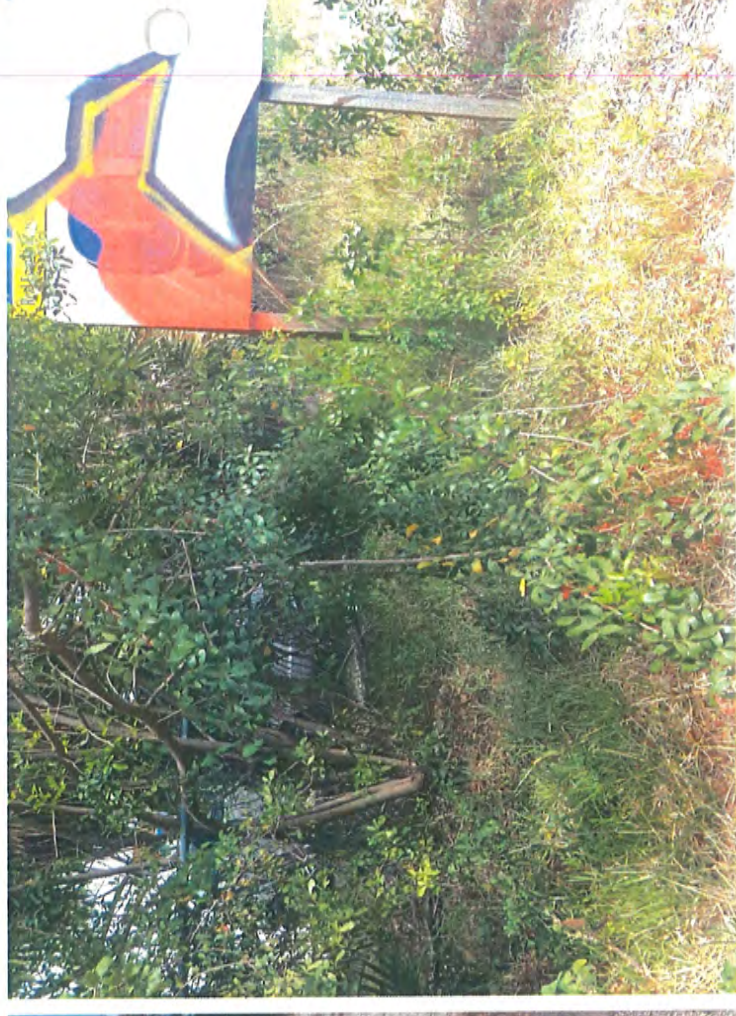
Sign along western property line



Typical substrate



Typical Brazilian Pepper coverage



Old fill pile along northern property line



North Property Line



Typical Australian Pine Coverage along eastern property line



SE Corner



Looking across parcel to the south



Australian Pine Coverage



Typical Ground Cover



Typical Ground Cover





SYNALOVSKI ROMANIK SAYE
Architecture • Planning • Interior Design

May 8, 2017

Corinne Lajoie, Principal City Planner
City of Dania Beach
100 W. Dania Beach Boulevard
Dania Beach, FL 33004



RE: Coraluzzo – Dania Beach
2401 SW 31st Street Dania Beach, FL
Site Plan No.: SP-029-17

Dear Corinne,

As the Architect of Record for the above referenced project, we offer the following as a Criteria Statement for our Variance request to reduce the minimum side yard setback requirements in an IROM-AA District for the Coraluzzo-Dania Beach project.

Article 205. - Tabular Summary of Site Development Standards for All Zoning Districts of the Code of Ordinances – City of Dania Beach requires an interior side yard of 20 feet for District IROM-AA.

The Existing Industrial District requires 30 foot front setback and 20 foot side and rear setback. The proposed building meets all of these, but due to the required building elevation an elevated entry is required. The uncovered emergency exit on the side of the building invades approximately 7 feet of the 20 foot side yard setback for a distance of 7 feet.

Due to true programmatic needs and site limitations, we are respectfully requesting a waiver for 7 feet of the 20 feet required side yard setback.

The basis for Variance Request for Article 205. - Tabular Summary of Site Development Standards for All Zoning Districts are as follows:

1. The programming for the facility is primarily for truck storage purposes. With no proposed customers or clients, the primary users of the facility are for the truck drivers and 3 administrative staff. The emergency egress is 3 feet above the ground, and will be uncovered. The design will match the rest of the building so it blend in.

SYNALOVSKI ROMANIK SAYE
Architecture • Planning • Interior Design

1800 Eller Drive, Suite 500 • Fort Lauderdale, FL 33316
T 954.961.6806 • F 954.961.6807 • www.synalovski.com



Below is a point by point analysis of the Variance Review Criteria, Sec. 625-40 of the Code of Ordinances – City of Dania Beach.

- (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.

The setback reduction variance is based upon the intended use of the facility on a day-to-day basis which maintains the basic intent and purpose of the subject regulations, and does not affect the stability and appearance of the City. In fact, the uncovered elevated entrance should be barely visible from the street due to its front yard setback of 85 feet and landscaping in between.

- (2) That the requested variance is otherwise compatible with the surrounding land uses and would not be detrimental to the community.

The setback reduction variance is based upon the intended use of the staff on a day-to-day basis, is compatible with the surrounding land uses, and would not be detrimental to the surrounding area. The only permitted construction within the reduction would be the uncovered elevated entrance. No other structure will be erected.

- (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.

The Truck Storage Facility would be an important function of the community by developing a vacant property and maintaining the goals, objectives and policies adopted by the comprehensive plan, specifically Policy 1.6 of the Future Land Use Element which states: "Significant industrial land is currently available. The City will encourage light/marine oriented industrial uses as an alternative to traditional industrial uses."

- (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

The setback reduction variance is based upon the intended use of the facility from the occupants. Moving the building is unfeasible from an operational standpoint and is otherwise concurrent with the setback



SYNALOVSKI ROMANIK SAYE
Architecture • Planning • Interior Design

requirement for the Industrial District. The uncovered entrance does not add height or activity to the overall building.

- (5) That the variance request is the minimum variance that is necessary to afford relief to the petitioner, while preserving the character, health, safety and welfare of the community.

In practical terms, the setback reduction variance provides the setback dimension based upon the intended use of the facility on a day-to-day basis and is compatible. It preserves the character, health, safety and welfare of the community.

Please feel free to contact us should you have any questions or concerns with the above.

Respectfully,

Manuel Synalovski, AIA, LEED AP
Principal



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 NECESARRY DOCUMENTS. Refer to the application type at the top of this form and "Required Documentation" checklist to determine the supplemental documents required with each application. For after the fact applications, the responsible contractor of record shall be present at the board hearing. Their failure to attend may impact upon the disposition of your application. As always, the applicant or their authorized legal agent must be present at all meetings. All projects must also obtain a building permit from the City Building Division. For more information please reference the **Dania Beach Land Development Code Part 6, Development Review Procedures and Requirements.**

Location Address: 2401 SW 31ST STREET, DANIA BEACH, FL

Lot(s): 6/7 Block: 1 Subdivision: TROPIC FARMS

Recorded Plat Name: TROPIC FARMS

Folio Number(s): 5042-2006-0050 Legal Description: TROPIC FARMS 24-30 PORTION OF LOTS 6/7 BLOCK 1

Applicant/Consultant/Legal Representative (circle one) SYNALOVSKI ROMANIK SAYE

Address of Applicant: 1800 ELLER DRIVE #500 FORT LAUDERDALE, FL

Business Telephone: 954-961-6804 Home: _____ Fax: _____

E-mail address: MFELDSBERG@~~SYNALOVSKI~~SYNALOVSKI.COM

Name of Property Owner: MARINA INDUSTRIAL PARK LLC.

Address of Property Owner: 1071 NW 31ST AVE #B4 POMEROY BEACH, FL

Business Telephone: _____ Home: _____ Fax: _____

Explanation of Request: SITE PLAN APPROVAL
For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.**

Prop. Net Acreage: _____ Gross Acreage: 1.48 Prop. Square Footage: 7,500 SF.

Existing Use: INDUSTRIAL Proposed Use: INDUSTRIAL

Is property owned individually, by a corporation, association, or a joint venture? LIMITED LIABILITY CORPORATION

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize _____ (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

I/we are fully aware that all approvals automatically expire within 12 months of City of Dania Beach Planning and Zoning Board or City Commission approval, or pursuant to the expiration timeframe listed in Part 6 of the Dania Beach Land Development Code.

STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

By: _____
(Owner / Agent signature*)

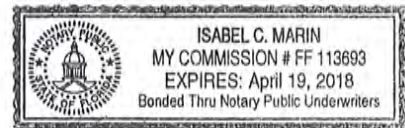
BEFORE ME THIS 23 DAY OF May, 2017

By:

Manuel Synalovski
(Print name of person acknowledging)

(Joint owner signature if applicable)

Notary Isabel C. Marin
(Signature of Notary Public – State of Florida)



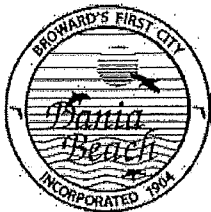
Personally known ✓ or Produced Identification _____

Type of identification produced: n/a or Drivers License _____

***If joint ownership, both parties must sign. If partnership, corporation or association, an authorized officer must sign on behalf of the group. A notarized letter of authorization from the owner of record must accompany the application if an authorized agent signs for the owner(s).**

NO APPLICATION WILL BE AUTOMATICALLY SCHEDULED FOR A MEETING.

***ALL APPLICATIONS MUST BE DETERMINED COMPLETE BY STAFF
BEFORE PROCESSING OCCURS.***



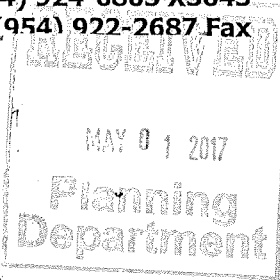
City of Dania Beach, Florida
Department of Community Development
Planning and Zoning Division
(954) 924-6805 X3643
(954) 922-2687 Fax

Standard Development Application

- ☐ Administrative Variance
- ☐ Land Use Amendment
- ☐ Plat
- ☐ Rezoning
- ☐ Site Plan
- ☐ Special Exception
- ☒ Variance
- ☐ Other: _____

Date Rec'd

Petition No.



VA 58-17

(SEE APPLICATION TYPE SCHEDULE ON PAGES 3 & 4)

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Address of Applicant: 1800 ELLER DRIVE #600 FORT LAUDERDALE, FL

Business Telephone: 954-961-6804 Home: _____ Fax: _____

E-mail address: MFELDSBERG@~~MAIR~~SYNALOVSKI.COM

Name of Property Owner: MARINA INDUSTRIAL PARK LLC.

Address of Property Owner: 1071 NW 31ST AVE #B4 POMPAN BEACH, FL

Business Telephone: _____ Home: _____ Fax: _____

Explanation of Request: _____

For **Plats** please provide proposed **Plat Name** for **Variances** please attach **Criteria Statement** as per **Section 625.40 of the Land Development Code.**

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Is property owned individually, by a corporation, association, or a joint venture? LIMITED LIABILITY CORPORATION.

AUTHORIZED REPRESENTATIVE

I/we are fully aware of the request being made to the City of Dania Beach. If I/We are unable to be present, I/we hereby authorize _____ (individual/firm) to represent me/us in all matters related to this application. I/we hereby acknowledge that the applicable fee was established to offset administrative costs and is not refundable.

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STATE OF FLORIDA
COUNTY OF BROWARD
The foregoing instrument
was acknowledged

By: _____
(Owner / Agent signature*)

BEFORE ME THIS 23 DAY OF May, 2017

By:

Manuel Synalovski
(Print name of person acknowledging)

(Joint owner signature if applicable)

Notary Isabel C. Marin
(Signature of Notary Public – State of Florida)



Personally known ✓ or Produced Identification _____

Type of identification produced: n/a 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.***

**AIRPORT ADVISORY BOARD
MEMBERSHIP
Friday, August 25, 2017**

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Ryan Stone 501 E. Dania Beach Boulevard Unit 1H Dania Beach, FL 33004 727-418-3232 m.ryanstone24@gmail.com	January 10, 2017 Reappointed 8/22/2017	November 2016 through November 2018	James
Karen Harrington 4641 SW 30 th Way Dania Beach, FL 33312 954-445-0390 rickeyswingstwo@aol.com	January 24, 2017 Reappointed 8/22/2017	November 2016 through November 2018	James
Chris Christianson 5815 SW 39 th Way Dania Beach, FL 33312-6254 954-444-8393 cchristianson2006@gmail.com	January 24, 2017	November 2016 through November 2018	Salvino
Dean Harley 606 NW 8 th Street Dania Beach, FL 33004-2320 513-652-5140 dharley@broward.org	January 24, 2017 Reappointed 8/22/2017	November 2016 through November 2018	Salvino
Micheline Peacock 60 Cat Cay Court Dania Beach, FL 33004 954-929-0775 954-309-6931 – Cell peacockm60@comcast.net	March 14, 2017 Reappointed 8/22/2017	November 2016 through November 2018	Harris
		November 2016 through November 2018	Harris

**AIRPORT ADVISORY BOARD
MEMBERSHIP
Friday, August 25, 2017**

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Randy Wright 4391 SW 34 th Lane Ft. Lauderdale, FL 33312 954-983-6920 rcwpaw@juno.com	November 21, 2016 Reappointed 8/22/2017	November 2016 through November 2018	Brandimarte
Gary Luedtke 4461 SW 34 Drive Fort Lauderdale, FL 33312-5513 gluedtke@gmail.com	January 10, 2017 Reappointed 8/22/2017	November 2016 through November 2018	Brandimarte
Keith Roberts 4417 SW 27 th Terrace Dania Beach, FL 33312 954-309-5555 bkars2020@aol.com	November 21, 2016 Reappointed 8/22/2017	November 2016 through November 2018	Grace
Bruce Hannover 617 NE 2nd Place Dania Beach, FL 33004 954-920-3563 bruceh8552@aol.com	November 21, 2016 Reappointed 8/22/2017	November 2016 through November 2018	Grace

**AIRPORT ADVISORY BOARD
ATTENDANCE
FOR 2016/17**

	Present	Excused	Unexcused
Teddy Bohanan	0	0	4
Chris Christianson	0	0	4
Bruce Hannover	2	2	0
Dean Harley	4	0	0
Karen Harrington	2	1	1
Douglas Hasty	3	1	0
Gary Luedtke	4	0	0
Micheline Peacock	3	0	1
Richard Ramcharitar	0	0	4
Keith Roberts	3	0	1
Rick Romero	2	0	2
Ryan Stone	2	0	0
Randy Wright	4	0	0

4 Meetings from November 2016 to May 2017

Meetings canceled: Feb 2017, Apr 2017, June 2017 & July 2017

**GREEN ADVISORY BOARD
MEMBERSHIP
Friday, August 25, 2017**

Name/Address Phone Number	Date Appointed	Term	Commission Appointment
Mimi Donly 354 SE 6 th Street Dania Beach, FL 33004 954-923-2127 954-294-1700 (C) bodonly@aol.com	December 9, 2014	November 2014 through November 2018	Salvino
Carol Stokrocki 450 SE 7 th Street, #246 Dania Beach, FL 33004 954-482-2724 cstokrocki@corelogic.com	January 24, 2017	November 2016 through November 2020	Brandimarte
Jonathan Porcelli 241 SW 7 th Street Dania Beach, FL 33004 917-742-7269 jporcelli@mac.com	March 14, 2017	November 2016 through November 2020	James
Patricia Chukerman 545 SE 4 th Court Dania Beach, FL 33004 954-552-9996 (C) 954-929-8289 (H) bykermom@me.com	November 21, 2016	November 2016 through November 2020	Harris
Charlene Alvarez 580 SE 13 th Street, #203 Dania Beach, FL 33004 954-548-1291 954-548-1576 Charlene3w2@gmail.com	September 27, 2016	November 2014 through November 2018	Grace
Peggy McKenna 34 SE 10 th Terrace Dania Beach, FL 33004 954-937-3168 peggybree@webtv.net	February 28, 2017	November 2016 through November 2018	Alternate

**GREEN ADVISORY BOARD
MEMBERSHIP
Friday, August 25, 2017**

		November 2016 through November 2018	Alternate
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