

SECTION No.: 86050000 & 8618000  
S.R. No.: A1A  
PERMIT No: 2019-L-491-00004  
COUNTY: BROWARD

**DISTRICT FOUR (4) AMENDMENT NUMBER FIFTEEN (15) TO STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION LANDSCAPE INCLUSIVE  
MEMORANDUM OF AGREEMENT FOR STATE ROAD A1A**

**THIS AMENDMENT** Number Fifteen (15) to the Agreement dated January 31, 2008, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ by and between the State of Florida Department of Transportation hereinafter called the DEPARTMENT and the **CITY OF FORT LAUDERDALE**, a municipal corporation of the State of Florida, hereinafter called the AGENCY.

**W I T N E S S E T H**

**WHEREAS**, the parties entered into the Landscape Inclusive Maintenance of Agreement dated, January 31, 2008 for the purpose of maintaining the landscape improvements by the AGENCY on State Road A1A; and,

**WHEREAS**, the DEPARTMENT and the AGENCY have agreed to add additional landscape improvements to be installed per permit #2019-L-491-00004 on State Road A1A to be issued to Granite Hotels, in accordance with the above referenced Agreement; and,

**WHEREAS**, the AGENCY by Resolution No. \_\_\_\_\_ dated \_\_\_\_\_, attached hereto and by this reference made a part hereof, desires to enter into this Agreement and authorized its officers to do so; and,

**NOW THEREFORE**, for and in consideration of mutual benefits that flow each to the other, the parties covenant and agree as follows:

1. Pursuant to paragraph Number One (1) in Amendment Number Eleven, the AGENCY has agreed to allow the adjacent property owner with the AGENCY'S approval to construct additional landscape improvements or to modify an improvement located as indicated in **Exhibit "A"**, State Road A1A North (Fort Lauderdale Beach Boulevard) (M.P. 2.784) to State Road A1A North (Fort Lauderdale Beach Boulevard) (M.P. 2.810) and State Road A1A South (Seabreeze Boulevard) (M.P. 0.648) to State Road A1A South (Seabreeze Boulevard) (M.P. 0.673, in accordance with the plans attached as Exhibit "B".
- 2 The AGENCY shall agree to maintain the additional landscape improvements in the original Inclusive Agreement described above in accordance with the Maintenance Plan, **Exhibit "C"** of the original agreement and, add the following provision:

## II. SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:

*Basic maintenance for this area outside of the guidelines provided above, is to prune the groundcover to maintain natural habit with full foliage, while trimming lateral branching as required to prevent foliage from growing beyond the limits of planting area onto the hardscape / pedestrian zone.*

Except as modified by this Amendment, all terms and conditions of the original Agreement and all Amendments thereto shall remain in full force and effect.

### LIST OF EXHIBITS

Exhibit A - Landscape Improvements Maintenance Limits

Exhibit B - Landscape Improvement Plans

**In Witness whereof**, the parties hereto have executed with this Amendment effective the \_\_\_\_ day \_\_\_\_\_ year written and approved.

CITY OF FORT LAUDERDALE, through its  
CITY COMMISSIONERS

STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION

By: \_\_\_\_\_  
Dean J. Trantalis, Mayor

By: \_\_\_\_\_  
Transportation Development Director

\_\_\_\_ day of \_\_\_\_\_, 20\_\_

Attest: \_\_\_\_\_ (SEAL)  
Executive Secretary

\_\_\_\_\_  
Christopher J. Lagerbloom, ICMA-CM  
City Manager

Legal Review                      Date

\_\_\_\_ day of \_\_\_\_\_, 20\_\_

\_\_\_\_\_  
Office of the General Counsel

Approved as to form by Office of City Attorney

By: \_\_\_\_\_  
City Attorney

Attest: \_\_\_\_\_  
Jeffrey A. Modarelli, City Clerk

(SEAL)

<b>SECTION No.:</b>	<b>86050000 &amp; 8618000</b>
<b>S.R. No.:</b>	<b>A1A</b>
<b>PERMIT No:</b>	<b>2019-L-491-00004</b>
<b>COUNTY:</b>	<b>BROWARD</b>

## **EXHIBIT A**

### **LANDSCAPE IMPROVEMENTS**

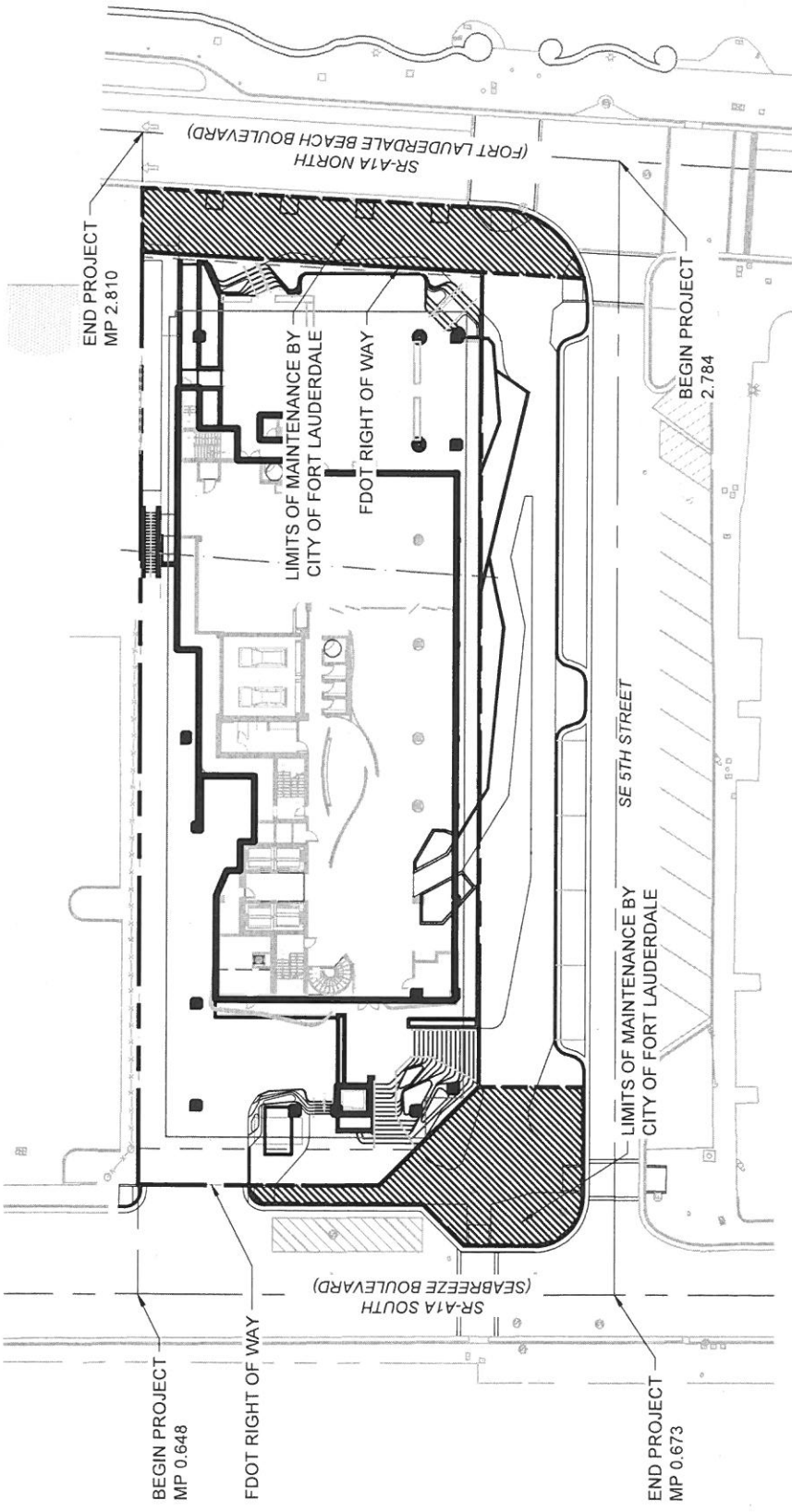
### **MAINTENANCE BOUNDARIES**

- I. PERMIT PROJECT LANDSCAPE IMPROVEMENTS MAINTENANCE LIMITS:  
State Road A1A North (Fort Lauderdale Beach Boulevard) (M.P. 2.784) to State Road A1A North (Fort Lauderdale Beach Boulevard) (M.P. 2.810) (Section 8618000)  
  
State Road A1A South (Seabreeze Boulevard) (M.P. 0.648) to State Road A1A South (Seabreeze Boulevard) (M.P. 0.673) (Section 86050100)
- II. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS FOR STATE ROAD A1A:  
State Road A1A from State Road 5 (US 1) (M.P. 0.000) Section 86180000) (US 1) to Flamingo Avenue (M.P. 6.410) (Section 86050000)  
  
By Individual Sections:  
Southbound One Way (Section 86050100)  
M.P. 0.0000 (Seville Street) to M.P. 0.926 (Bahia Mar Hotel Entrance)  
  
Northbound One Way / Seabreeze Boulevard / 17<sup>th</sup> Street Causeway (Section 8618000):  
M.P. 0.000 (State Road 5) (US 1) to M.P. 2.964 (State Road 842) (Las Olas Boulevard)  
  
North Fort Lauderdale Beach Area (Section 86050000):  
M.P. 2.039 (south of Poinsettia Street) to M.P. 6.410 (Flamingo Drive)
- III. LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES:

*\*All limits of the original agreement and amendments shall apply*

*Please See Attached*

S:\Transportation Development\Design\In-House Design\Landscape Architecture\AGREEMENTS\1 MOA\FT LAUDERDALE\INCLUSIVE FT LAUDERDALE SR A1A\AMENDMENT 15 (2-11-21)\Granite\INCLUSIVE AMENDMENT\_15\_\_19-L-491-00004(2-11-21).doc



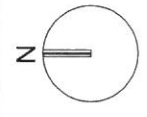
**LIMITS OF MAINTENANCE BY  
CITY OF FORT LAUDERDALE**



301 East Atlantic Boulevard  
Pompano Beach, FL 33060  
Florida Certificate of  
Authorization # - 7928

DATE: 05/01/2019  
SCALE: AS NOTED  
DRAWN BY: KBS  
DESIGN BY: PW  
CHECKED BY: PW

GRAPHIC SCALE  
0 10 25 50 100  
SCALE: 1"=50'  
NOTE: PRINTED DRAWING SIZE MAY HAVE  
CHANGED FROM ORIGINAL. VERIFY SCALE  
USING BAR SCALE ABOVE.



**LANDSCAPE IMPROVEMENT  
MAINTENANCE BOUNDARY MAP  
CITY OF FORT LAUDERDALE**

**LM-001**

FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004

<b>SECTION No.:</b>	<b>86050000 &amp; 8618000</b>
<b>S.R. No.:</b>	<b>A1A</b>
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<b>COUNTY:</b>	<b>BROWARD</b>

## **EXHIBIT B**

### **LANDSCAPE IMPROVEMENT PLANS**

The AGENCY agrees to install the landscape improvements in accordance with the plans and specifications attached hereto and incorporated herein.

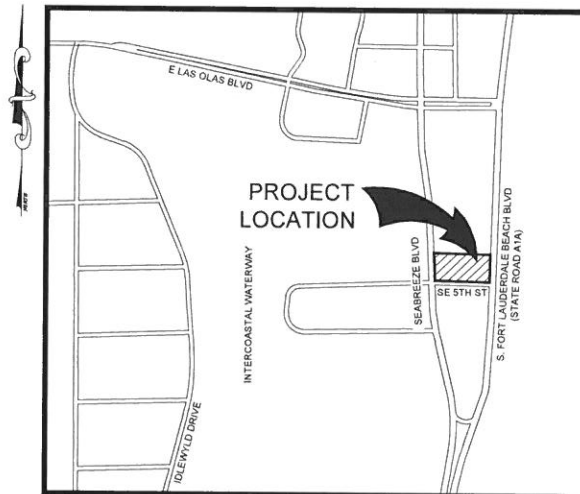
Please see attached plans prepared by:      KEITH  
Paul M. Weinberg, RLA  
Date: May 1, 2019

# FOR PERMIT

## FOR

# GRANITE HOTELS

441 S. FORT LAUDERDALE BEACH BLVD  
FORT LAUDERDALE, FLORIDA 33316



LOCATION MAP

INDEX OF SHEETS	
Sheet Identification	Sheet Title
LC-000	COVER
LD-101	TREE DISPOSITION
LS-101	SITEWORK PLAN
LS-203	SITEWORK DETAILS
LP-101	PLANTING PLAN (CANOPY)
LP-101A	FDOT CLEAR SIGHT LINE EXHIBIT
LP-102	PLANTING PLAN (UNDERSTORY)
LI-101	IRRIGATION PLAN



301 East Atlantic Boulevard  
Pompano Beach, Florida 33060-6643

2160 NW 82nd Avenue  
Doral, Florida 33122

PH: (954) 788-3400

State of Florida Certificate of  
Authorization Number - 7928



PAUL WEHRING, P.E.  
FLORIDA REG. NO. LA0666304  
(FOR THE FIRM)

- FDOT SPECIFICATIONS AND DESIGN STANDARD INDEXES:
- \* GOVERNING STANDARD PLANS: FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRs)
  - \* GOVERNING STANDARD SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THESE PLANS MAY HAVE BEEN  
REDUCED IN SIZE BY REPRODUCTION.  
THIS MUST BE CONSIDERED WHEN  
OBTAINING SCALED DATA.



PROJECT No. 10253.00 MARCH 2019

FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004

# CITY OF FORT LAUDERDALE - TREE AND PALM MITIGATION

(TREE CALCULATIONS TOP OF TRUNK)

SEE SHEET 101-1 FOR EXISTING TREE SURVEY LIST

SHADE TREES	REQUIRED	PROVIDED
EQUIVALENT REPLACEMENT CALCULATIONS (INCHES)	13	63
DIAMETER (IN) x SPECIES CLASSIFICATION DOLLAR VALUE		

PALM TREES	REQUIRED	PROVIDED
EQUIVALENT REPLACEMENT CALCULATIONS (INCHES)	0	46
DIAMETER (IN) x SPECIES CLASSIFICATION DOLLAR VALUE		

EXCEPTIONS: PHOENIX SPP. AND ROYAL SPP.  
DOLLAR FORMULA FOR ROYAL PALM AND PHOENIX PALM  
CLEAR TRUNK x \$30  
PAID INTO THE TREE CANOPY TRUST FUND

SPECIES TREES	REQUIRED	PROVIDED
DIAMETER (IN) x SPECIES CLASSIFICATION DOLLAR VALUE	N/A	N/A
PAID INTO THE TREE CANOPY TRUST FUND		

RELOCATED TREES  
PALMS TO BE RELOCATED ON SITE  
PALMS TO BE RELOCATED OFF-SITE

\* PALMS TO BE RELOCATED ON PUBLIC LAND - OWNER TO COORDINATE WITH THE CITY OF FORT LAUDERDALE REGARDING LOCATION OF RELOCATED PALMS

## EXISTING TREE SURVEY LIST

(TREE AND PALM MITIGATION CALCULATIONS)

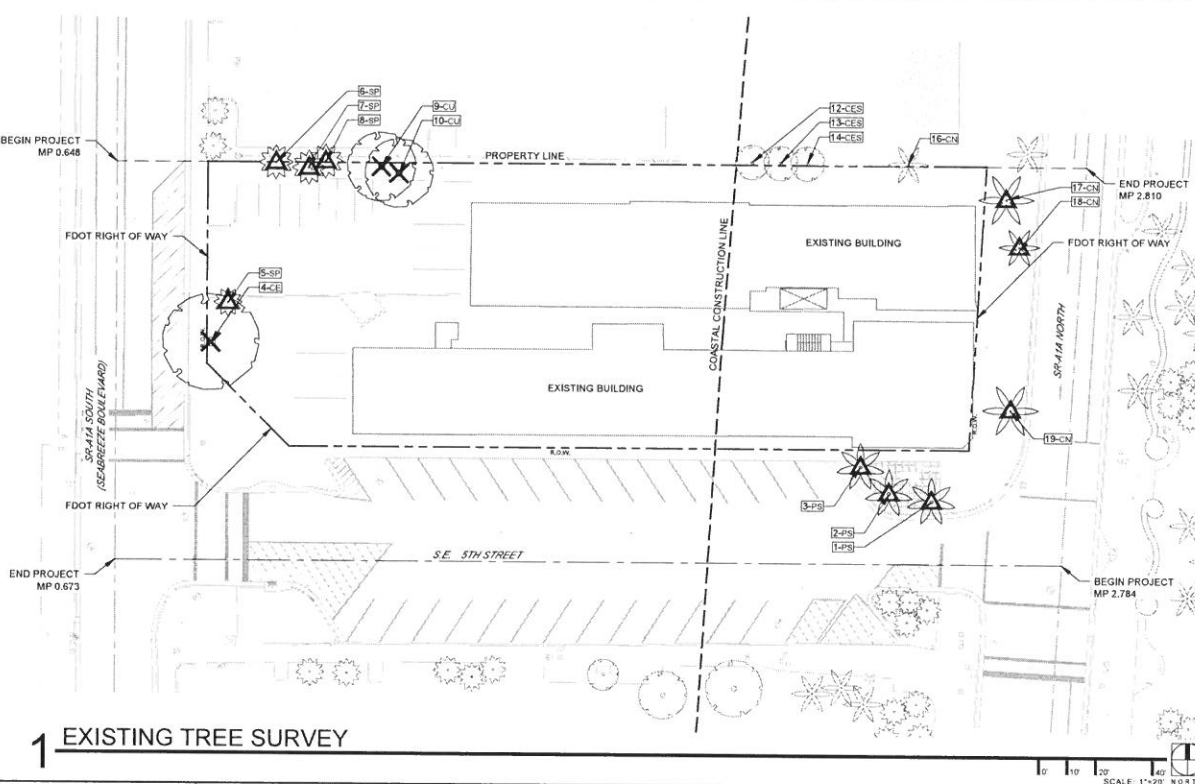
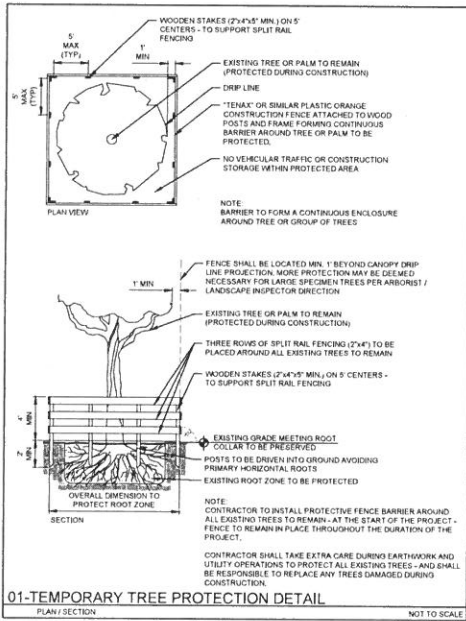
TAXA	COMMON NAME	SCIENTIFIC NAME	DBH (INCHES)	CLEAR TRUNK HEIGHT (FEET)	OVERALL HEIGHT (FEET)	CANOPY WIDTH (FEET)	ARBORIST CONDITION RATING	PRESERVED	RELOCATED	SHADE TREES REMOVED	PALM TREES REMOVED	ARBORIST COMMENTS
1	SILVER STAR PALM	Phoenix silvestris	15	18	18	15	75%					
2	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
3	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
4	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
5	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
6	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
7	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
8	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
9	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
10	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
11	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
12	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
13	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
14	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
15	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
16	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
17	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
18	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					
19	SILVER STAR PALM	Phoenix silvestris	15	8	18	15	80%					

### TREE DISPOSITION NOTES:

- EXISTING TREES TO REMAIN SHALL BE TRIMMED PER ANSI-A300 STANDARDS, REMOVING WEAKEST RUBBING BRANCHES AND DEAD BRANCHES, BUT RETAINING 80% OF FOLIAGE. LARGE TREES SHALL HAVE LOWER BRANCHES CLEARED UP TO 8'.
- SYMBOLS MAY BE SHOWN OFFSET FROM ACTUAL TREE LOCATION FOR CLARITY.
- CONTACT LANDSCAPE ARCHITECT / ISA CERTIFIED ARBORIST FOR CLARIFICATION ON ANY DISCREPANCIES.
- TRIMMING AND ANY NECESSARY ROOT PRUNING SHALL BE PERFORMED OR SUPERVISED BY A CERTIFIED ARBORIST.
- ALL TREE WORK REQUIRE PERMITTING BY A REGISTERED COUNTY TREE TRIMMER.

### TREE DISPOSITION LEGEND:

- EXISTING TREE/PALM TO REMAIN WITHOUT DISPOSITION SYMBOL TREES/PALMS TO BE PROTECTED DURING CONSTRUCTION
- EXISTING TREE/PALM TO RELOCATE
- REFER TO LANDSCAPE PLAN FOR NEW LOCATION
- EXISTING TREE/PALM TO REMOVE
- REMOVE ALL CAT 1 INVASIVE EXOTICS (EX. BRAZ. PEPPER)
- EXISTING TREE/PALM NUMBER
- REFER TO TREE DISPOSITION AND TREE SURVEY LISTS



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Authorization # - 7928

BID / CONTRACT NO.

REVISIONS

NO.	DESCRIPTION	DATE

PRELIMINARY PLAN  
NOT FOR CONSTRUCTION  
THESE PLANS ARE NOT FULLY PERMITTED  
AND ARE SUBJECT TO REVISIONS MADE  
DURING THE PERMITTING PROCESS.  
RESPONSIBILITY FOR THE USE OF THESE  
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FROM ALL AGENCIES HAVING JURISDICTION  
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GRANITE  
HOTELS  
441 S. FORT  
LAUDERDALE  
BEACH BLVD. FORT  
LAUDERDALE, FL.  
33316

SCALE: AS NOTED  
DATE ISSUED: MAY 01, 2019  
DRAWN BY: KS, JL  
DESIGNED BY: PW, MH  
CHECKED BY: PW



SHEET TITLE  
TREE DISPOSITION

FOOT LANDSCAPE PERMIT  
SHEET NUMBER

LD-101

PROJECT NO. 10253.00

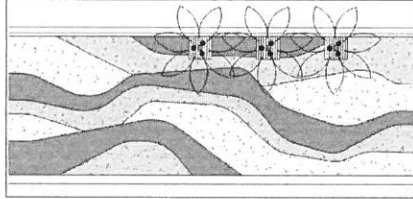
FOOT LANDSCAPE PERMIT NO. 2019-L-491-00004

NOTE:  
CALL SUNSHINE ONE CALL  
PRIOR TO ANY TYPE OF  
EXCAVATION WORK.



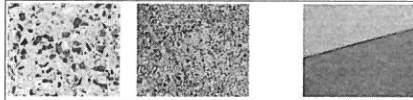
## 1 EXISTING TREE SURVEY

# REPRESENTATIVE "WAVE" PAVING PATTERN (PER THE LAS OLAS BOULEVARD CORRIDOR AND SR A1A STREETSCAPE IMPROVEMENT PACKAGE)



C.2 - PATTERN

## MATERIALS:



C.2  
EXPOSED AGGREGATE / WHITE PORTLAND  
CEMENT WITH AGGREGATE AND SHELL  
(REPRESENTATIVE IMAGERY)

C.3 / C.4  
INTEGRAL COLOR  
CONCRETE WITH  
SPECIALTY FINISH

NOTE:  
CALL SUNSHINE ONE  
CALL PRIOR TO ANY  
TYPE OF EXCAVATION  
WORK.



## GENERAL NOTES:

- 1) LOCATE AND VERIFY THE CONDITION OF EXISTING UTILITIES PRIOR TO EXCAVATION. TAKE RESPONSIBILITY OF CONTACTING LINE LOCATION SERVICES AND ANY COST INCURRED FOR BODILY INJURY AND / OR DAMAGE OF OWNER'S PROPERTY OR SAID UTILITIES.
- 2) THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED BY THE CONTRACTOR OF ANY DISCREPANCIES DISCOVERED BETWEEN THE PLANS AND ACTUAL SITE CONDITIONS BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE LIABLE FOR ALL MODIFICATIONS AND DAMAGES IF WORK PROCEEDS WITHOUT THIS NOTIFICATION AND APPROVAL.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF MAINTAINING A SAFE WORK SITE INCLUDING BUT, NOT LIMITED TO PROVIDING FOR TRAFFIC CONTROL, INSTALLATION AND PLACEMENT OF FENCING AND BARRICADES, EXCAVATION AND TRENCH PROTECTION, AND COMPLIANCE WITH ALL FEDERAL AND LOCAL REGULATIONS AND CODES. ALL SAFETY EXPOSURES OR VIOLATIONS SHALL BE RECTIFIED IMMEDIATELY.
- 4) THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXISTING IMPROVEMENTS BOTH ON SITE AND ADJACENT TO THE WORK SITE AND SHALL REPAIR ANY DAMAGE TO THESE IMPROVEMENTS TO THE SATISFACTION OF THE OWNER.
- 5) THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- 6) ANY ALTERNATES AND OR SUBSTITUTIONS PROPOSED BY THE CONTRACTOR SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR APPROVAL. CHANGES TO THE SCOPE OF WORK AND / OR CONTRACT DOCUMENTS RESULTING FROM THE ACCEPTANCE OF THE CONTRACTOR'S ALTERNATES AND / OR SUBSTITUTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 7) THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF TRASH ON A DAILY BASIS.
- 8) THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES. PRIOR TO CONSTRUCTION, ALL PERMITS AND APPROVALS REQUIRED FOR CONSTRUCTION OF THE PROJECT SHALL BE PAID FOR AND OBTAINED BY THE CONTRACTOR.
- 9) COORDINATE WORK WITH SUBCONTRACTORS TO ACCOMPLISH THE SCOPE OF WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS AS WELL AS, COORDINATE CONSTRUCTION WITH OTHER CONTRACTORS WORKING ON THE SITE.
- 10) THE CONTRACTOR SHALL COORDINATE THE STORING OF MATERIALS, PARKING OF VEHICLES, AND RESTRICTIONS OF WORK AND ACCESS WITH THE OWNER. UNDER NO CIRCUMSTANCES SHALL ANY CONTRACTOR STORE MATERIALS, PARK VEHICLES OR EQUIPMENT UNDER THE CANOPY OF EXISTING TREES.
- 11) UNLESS SPECIFIED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND PAYING ALL TEMPORARY UTILITIES AND SERVICES NECESSARY TO COMPLETELY INSTALL ALL WORK AS SHOWN AND NOTED IN THE CONTRACT DOCUMENTS.
- 12) THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- 13) UPON COMPLETION OF CONSTRUCTION AND PRIOR TO FINAL APPROVAL, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE PROJECT SITE OF ALL TRASH. REPAIR ALL DAMAGE TO FINISH GRADE, INCLUDING TAILINGS FROM EXCAVATIONS, WHEEL RUTS AND ANY SETTLING OR EROSION THAT HAS OCCURRED PRIOR TO COMPLETION. ALL AREAS OF THE PROJECT SITE SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.
- 14) TREE REMOVAL AT TIME OF DEMOLITION SHALL NOT BE PERMITTED UNLESS THE MASTER PERMIT FOR REDEVELOPMENT HAS BEEN SUBMITTED FOR REVIEW.

## GENERAL ABBREVIATIONS

BLDG.	BUILDING
B.O.C.	BACK OF CURB
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
EJ	EXPANSION JOINT
EQ	EQUAL
FFE	FINISHED FLOOR ELEVATION
HT	HEIGHT
L.A.	LANDSCAPE ARCHITECT
L.O.C.	LIMIT OF CONSTRUCTION
MIN.	MINIMUM
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY
PA	PLANTING AREA
QTY	QUANTITY
R.O.W.	RIGHT OF WAY
SIM.	SIMILAR DETAIL
TD	TOP OF DRAIN
T.O.C.	TOP OF CURB
TS	TOP OF STAIR
TW	TOP OF WALL
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

## GENERAL LEGEND

SYMBOL	DESCRIPTION
REF.	ENLARGEMENT AREA REFERENCE
MATCHLINE XX-XXX	SHEET MATCHLINE
1 OF 1	LIMIT OF CONSTRUCTION
---	PROPERTY LINE
SITEWORK	
PA (LS-203)	DETAIL REFERENCE
PA (LS-203)	MATERIAL OR FINISH REFERENCE SYMBOL
PA (LS-203)	SECTION CUT REFERENCE
PA (LS-203)	ELEVATION OR AERIAL VIEW REFERENCE
PLANTING	
PA (LS-203)	PLANT LABEL
DIMENSIONING	
ALIGN	ALIGN ELEMENTS
CL	CENTERLINE

## MATERIALS SCHEDULE

CONCRETE			
KEY	DESCRIPTION / MODEL	COLOR	FINISH
C-1	CONCRETE	STANDARD GREY	MEDIUM BROOM
C-2	CONCRETE - A1A TYPE 1 (WHITE WITH BLUE AGGREGATE)	WHITE PORTLAND CEMENT	BLUE TUMBLED GLASS WITH DULLED TUMBLED EDGES WITH SEALER *
C-3	CONCRETE - A1A TYPE 3 (INTEGRAL COLOR WITH EXPOSED AGGREGATE)	COBBLE GREY	EXPOSED AGGREGATE
C-4	CONCRETE - A1A TYPE 4 (ROCKSALT)	STANDARD GREY	MEDIUM ROCKSALT
C-5	CONCRETE - WALL	STANDARD GREY	RUBBED & SEALED
C-6	CONCRETE - WALL - FORMLINER	STANDARD GREY	FORMLINER CFL-NS002 NATURE SERIES WAVE PATTERN 2
PAVERS			
P-1	PAVER - DETECTABLE WARNING - SIZE: 12"x12"	CHARCOAL	STANDARD
MISCELLANEOUS			
M-1	BIKE RACK - RING	SILVER	POWDERCOAT
M-2	BICYCLE PUMP - HIGH SECURITY PUBLIC BIKE PUMP - GAUGED - MODEL# PB-141136 - SURFACE MOUNT	N/A	STAINLESS
M-3	ADDAPEVE CHAMELEON WAYS (OR APPROVED SUBSTITUTE)	IVORY WHITE	N/A



REVISIONS		
NO.	DESCRIPTION	DATE

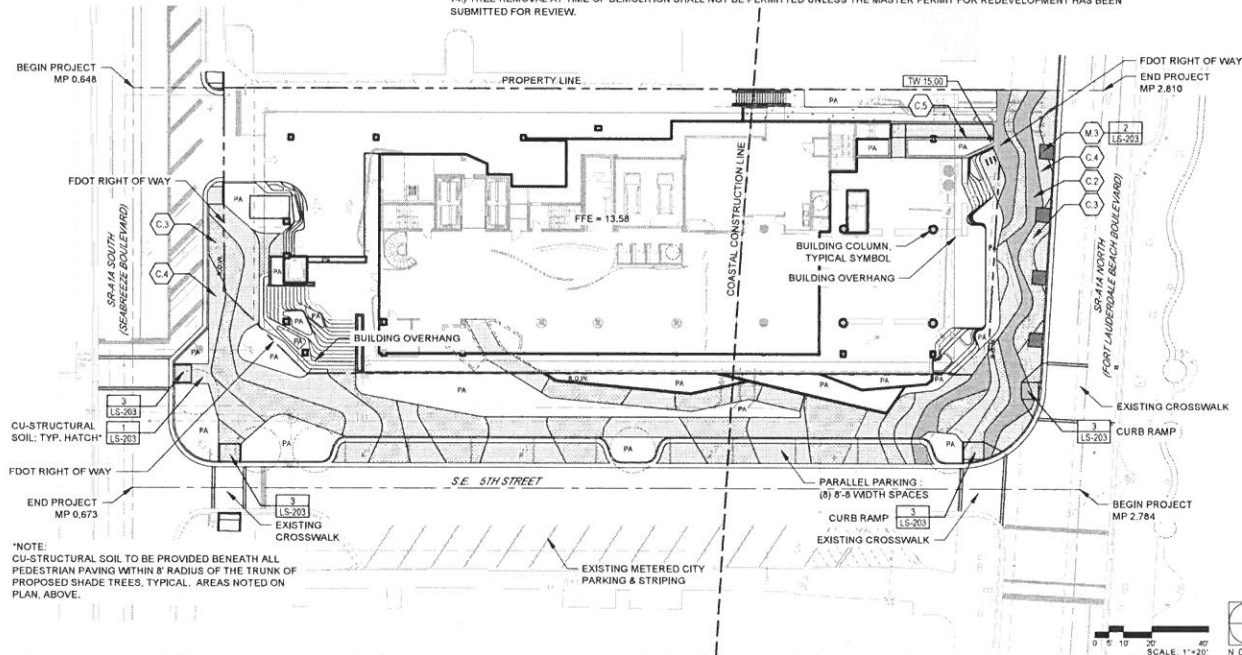
PRELIMINARY PLAN  
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GRANITE  
HOTELS  
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BEACH BLVD, FORT  
LAUDERDALE, FL  
33316

SCALE: AS NOTED  
DATE ISSUED: MAY 01, 2019  
DRAWN BY: K.S. JL  
DESIGNED BY: PW, MH  
CHECKED BY: FW



SHEET TITLE  
**SITework PLAN,  
NOTES &  
SCHEDULES**  
FDOT LANDSCAPE PERMIT  
SHEET NUMBER  
**LS-101**  
PROJECT NO. 10253.00



\*NOTE:  
CU-STRUCTURAL SOIL TO BE PROVIDED BENEATH ALL  
PEDESTRIAN PAVING WITHIN 8' RADIUS OF THE TRUNK OF  
PROPOSED SHADE TREES, TYPICAL. AREAS NOTED ON  
PLAN, ABOVE.



FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004



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33316

SCALE: AS NOTED  
DATE ISSUED: MAY 01, 2019  
DRAWN BY: KS, JL  
DESIGNED BY: PW, MH  
CHECKED BY: PW



SHEET TITLE  
SITEWORK DETAILS

FDOT LANDSCAPE PERMIT  
SHEET NUMBER

LS-203

PROJECT NO. 10253.00

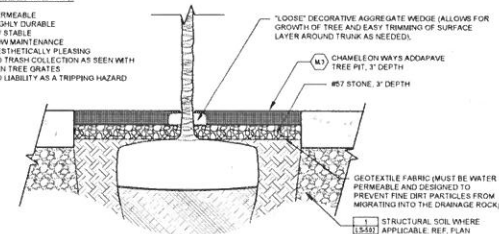
FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004

#### ADDAPAVE TREE PIT SYSTEM - PRODUCT NOTES:

- ADDAPAVE IS A POROUS PAVING SYSTEM DESIGNED TO BIND RECYCLED OR NATURAL AGGREGATES IN SUCH A WAY TO CREATE A VALUABLE SURFACE THAT ACHIEVES A HIGHLY POROUS SURFACE, ALLOWING THE TREE ROOTS ACCESS TO BOTH AIR AND WATER PENETRATION.
- ROOTBALL SHALL BE INSTALLED 4'-6" BELOW THE DESIRED FINISHED GRADE OF THE POROUS SURFACE MATERIAL.
- STRUCTURAL SOIL IS RECOMMENDED FOR NEW TREE PIT INSTALLATIONS TO PREVENT THE POSSIBILITY OF FUTURE SETTLEMENT.
- CORRECTLY INSTALLED GEOTEXTILE WEED BARRIER BETWEEN DRAINAGE ROCK AND ROOTBALL PREVENTS UPWARD MIGRATION OF SOIL, ELIMINATING UPHEAVALS AND DAMAGE TO CITY INFRASTRUCTURE.

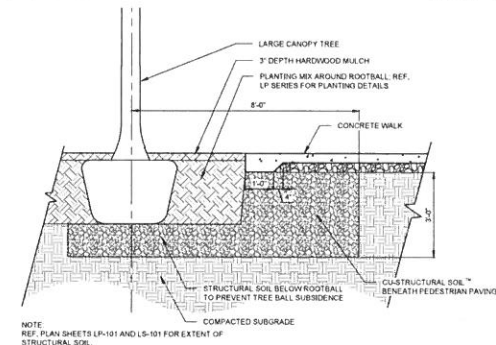
#### BENEFITS OF ADDAPAVE:

- PERMEABLE
- HIGHLY DURABLE
- UV STABLE
- LOW MAINTENANCE
- AESTHETICALLY PLEASING
- NO TRASH COLLECTION AS SEEN WITH OPEN TREE GRATES
- NO LIABILITY AS A TRIPPING HAZARD



#### 2 TREE PIT WITH ADDAPAVE

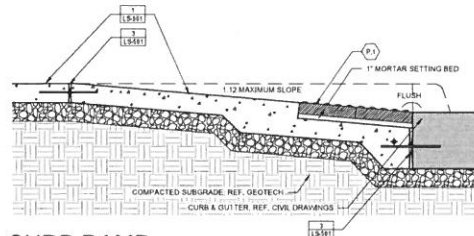
SCALE: 1"=1'-0"



NOTE:  
REF. PLAN SHEETS LP-101 AND LS-101 FOR EXTENT OF  
STRUCTURAL SOIL.

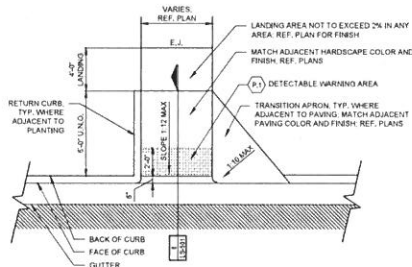
#### 1 CU-STRUCTURAL SOIL AT TREE WELL

SCALE: 1/2"=1'-0"



#### 4 CURB RAMP

SCALE: 1/4"=1'-0"



#### 3 CURB RAMP

SCALE: 1/4"=1'-0"

# FDOT GENERAL NOTES:

- REFERENCE THE CURRENT VERSION OF THE FDOT SPECIFICATIONS AND DESIGN STANDARD INDEXES AS FOLLOWS:  
GOVERNING STANDARD PLANS: FLORIDA DEPARTMENT OF TRANSPORTATION, FY 2018-19 STANDARD PLANS FOR ROAD AND BRIDGE CONSTRUCTION AND APPLICABLE INTERIM REVISIONS (IRS).  
GOVERNING STANDARD SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, JULY 2018 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION AND/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE.
- ANY PLANT MATERIAL SUBSTITUTION WITHIN OR IMPACTING THE FDOT RIGHT OF WAY WHETHER REQUESTED BY THE CONTRACTOR, OWNER, LANDSCAPE ARCHITECT OR OTHER WILL NEED TO GET APPROVAL FROM THE FDOT DISTRICT OPERATIONS MANAGER.
- PATTERNED PAVEMENT SHALL COMPLY WITH CURRENT FDOT STANDARD SPECIFICATION 523. ONLINE REFERENCE:  
<http://www.fdot.gov/programs/management/implementation/SpecBooks/January2018/Files/118aBook.pdf>
- OWNERSHIP OF ALL SUITABLE EXCAVATED MATERIALS, AS DETERMINED BY THE DEPARTMENT, SHALL REMAIN IN THE DEPARTMENT UNTIL A FINAL ACCEPTANCE OF THE PERMITTED PROJECT IS FULFILLED. EXCAVATED MATERIALS SHALL BE HAULED BY THE PERMITTEE, AT THEIR COST & EXPENSE FROM THE SITE TO THE BROWARD OPERATIONS CENTER OR STOCKPILED IN THOSE AREAS AS DIRECTED BY THE DEPARTMENT, INCLUDING ASPHALT MILLINGS.

## FDOT PLANTING NOTES:

- FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY LANDSCAPE INSTALLATION SHALL COMPLY WITH CURRENT FDOT MAINTENANCE SPECIFICATIONS 580-2.1. ONLINE REFERENCE:  
<http://www.fdot.gov/programs/management/maintenance/2018/rev/default.shtm>
- FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY REFER TO FDOT STANDARD PLANS INDEX 580-001 LANDSCAPE INSTALLATION. ONLINE REFERENCE:  
<http://www.fdot.gov/design/standardplans/current/index/580-001.pdf>
- CYPRESS MULCH IS NOT PERMITTED ON FDOT RIGHT OF WAY. MULCH PERMITTED TO BE USED ARE HARDWOOD MULCH (CONTAINING NO CYPRESS PRODUCTS), RECYCLED MULCH OR APPROVED EQUAL, CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.

## FDOT IRRIGATION NOTES:

- THE IRRIGATION SYSTEM SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE WATER NEEDS OF THE SYSTEM. STORM WATER, RECLAIM WATER, OR GREY WATER IRRIGATION SHALL BE USED WHENEVER POSSIBLE.
- FDOT REQUIRES 24-HOUR EMERGENCY ACCESS TO WATER SOURCE.
- CONTRACTOR SHALL PROVIDE FDOT DISTRICT OPERATIONS MANAGER WITH A SET OF "AS-BUILT" IRRIGATION PLANS.

## FDOT SR-A1A REQUIREMENTS:

- DESIGN SPEED: SR-A1A NORTH (FOR LAUDERDALE BEACH BLVD) DESIGN SPEED = 35 MPH
- DESIGN SPEED: SR-A1A SOUTH (SEABREEZE BLVD) DESIGN SPEED = 35 MPH
- VERTICAL CLEARANCE: MIN. PLANTING VERTICAL CLEARANCE PER FDOT MAINTENANCE RATING PROGRAM:  
SIDEWALK = 8.5' VERTICAL CLEARANCE  
ROADWAY = 14.5' VERTICAL CLEARANCE

NOTE:  
CALL SUNSHINE ONE CALL  
PRIOR TO ANY TYPE OF  
EXCAVATION WORK.



NOTE:  
REF. FDOT STANDARD INDEX 580-001  
FOR LANDSCAPE INSTALLATION  
DETAILS ALONG SR-A1A

PLANTING ABBREVIATIONS	
B&B	BALLED AND BURLAPPED
CAL.	CALIPER
CT	CLEAR TRUNK
CRZ	CRITICAL ROOT ZONE
FG	FIELD GROWN
GAL.	GALLON
GW	GREY WOOD
HT	HEIGHT
MIN.	MINIMUM
MULTI	MULTI-TRUNK
OA	OVERALL
O.C.	ON CENTER
QTY	QUANTITY
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TYP.	TYPICAL
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## PLANT LIST

SHADE TREES				
QTY	SYMBOL	KEY	PLANT NAME	SIZE / REMARKS
1		BA	<i>Bulnesia arborea</i> VERA WOOD / BULNESA	MIN. 16 HT. 8' SPRD. 8.5' CLR TRUNK
4		BS	<i>Bursera simaruba</i> GUMBO LIMBO	4' CAL. MIN. 16 HT. 8' SPRD
4		LS	<i>Lysithea latissimum</i> WILD TAMARIND	8' CAL. MIN. 20 HT. 10' SPRD. 8.5' CLR TRUNK MATCHED
PALM TREES				
4		CN	<i>Coccoloba 'Green Malay'</i> COCONUT PALM	18 CT. MATCHED
5		PD	<i>Phoenix dactylopera</i> 'Medjool' MEDJOO DATE PALM	14 CT. 22' OA HT. HEAVY MATCHED
8		SP	<i>Sabal palmetto</i> SABAL PALM	14' 20' 28' CT. BLACK CURVED TRUNKS STAGGERED
15		TR	<i>Thrinax radiata</i> FLORIDA THATCH PALM	VARIED HEIGHT, 8-12' OA HT. FULL CROWN
ORNAMENTAL TREES				
7		CE	<i>Conocarpus erectus</i> 'Serotene' SILVER BUTT WOOD	8 HT. 4' SPRD. MULTI-STEM 3.5 TRUNKS
2		LJ	<i>Ligustrum japonicum</i> LIGUSTRUM	12' OA 6' CT MIN. MULTI-STEM SPECIMEN FORM WITH BRANCHING CHARACTER
3		PR	<i>Plumeria alba</i> FRANGIPANI	12' OA 6' CT MIN. MULTI-STEM SPECIMEN FORM WITH BRANCHING CHARACTER



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OID / CONTRACT NO.

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HOTELS  
441 S. FORT  
LAUDERDALE  
BEACH BLVD., FORT  
LAUDERDALE, FL.  
33316

SCALE: AS NOTED  
DATE ISSUED: MAY 01, 2019  
DRAWN BY: KS, JL  
DESIGNED BY: PW, MH  
CHECKED BY: PW



## SHEET TITLE

PLANTING PLAN  
(CANOPY)

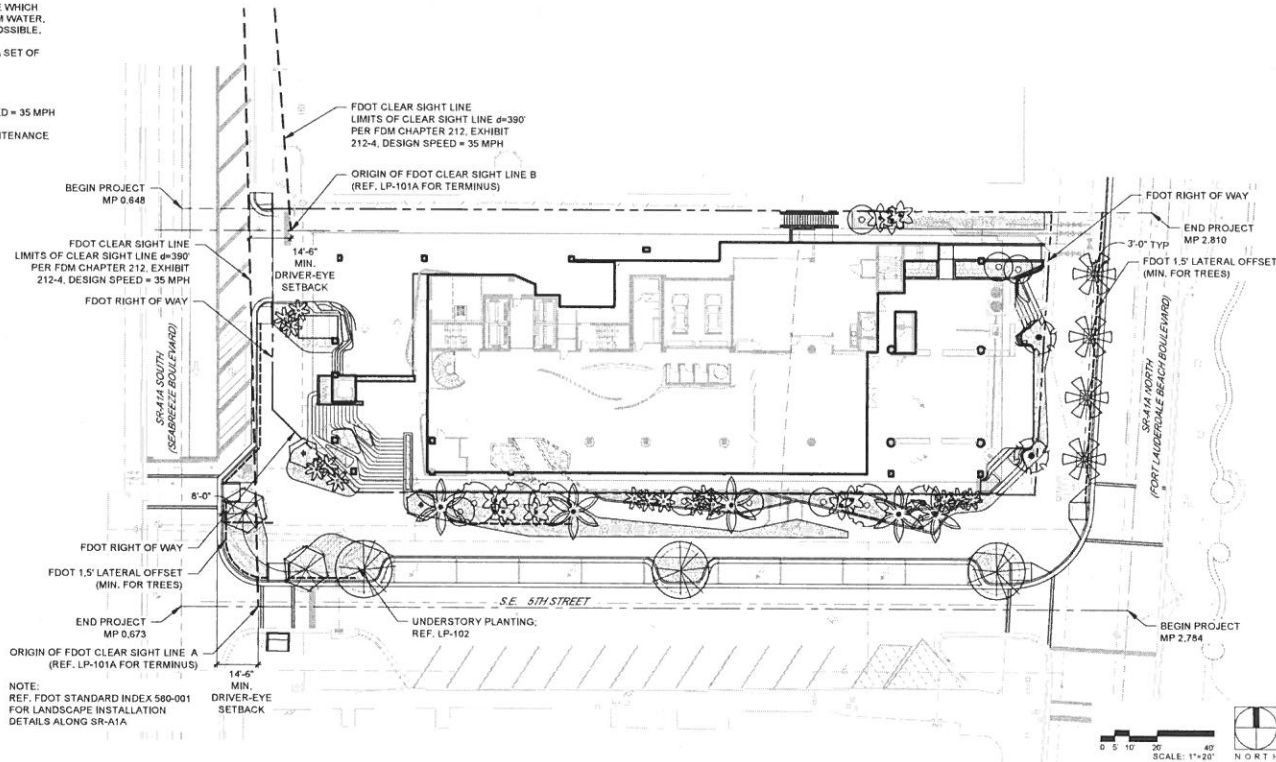
FDOT LANDSCAPE PERMIT

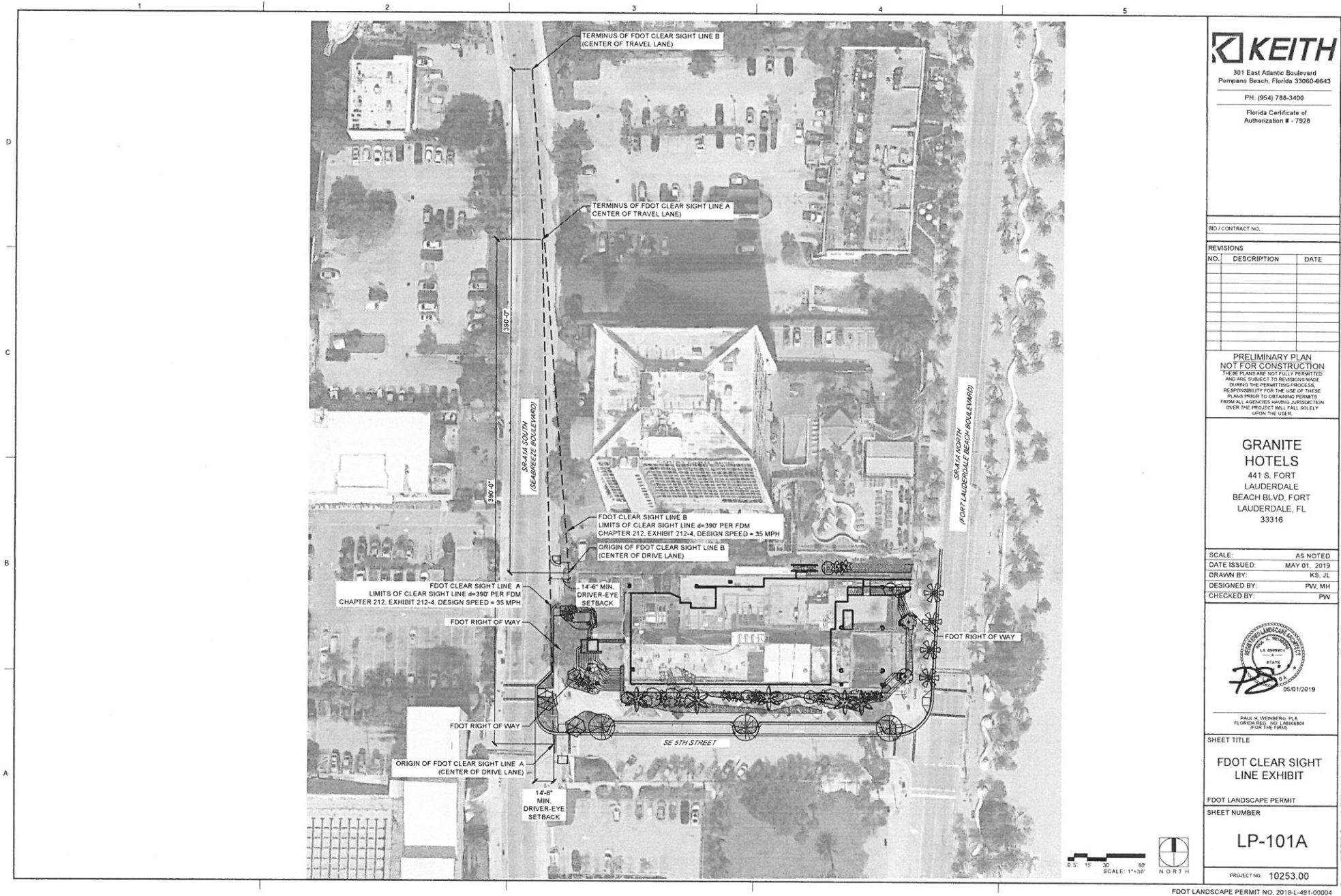
SHEET NUMBER

LP-101

PROJECT NO. 10253.00

FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004





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SHEET TITLE  
FDOT CLEAR SIGHT  
LINE EXHIBIT

FDOT LANDSCAPE PERMIT  
SHEET NUMBER

LP-101A

PROJECT NO: 10253.00

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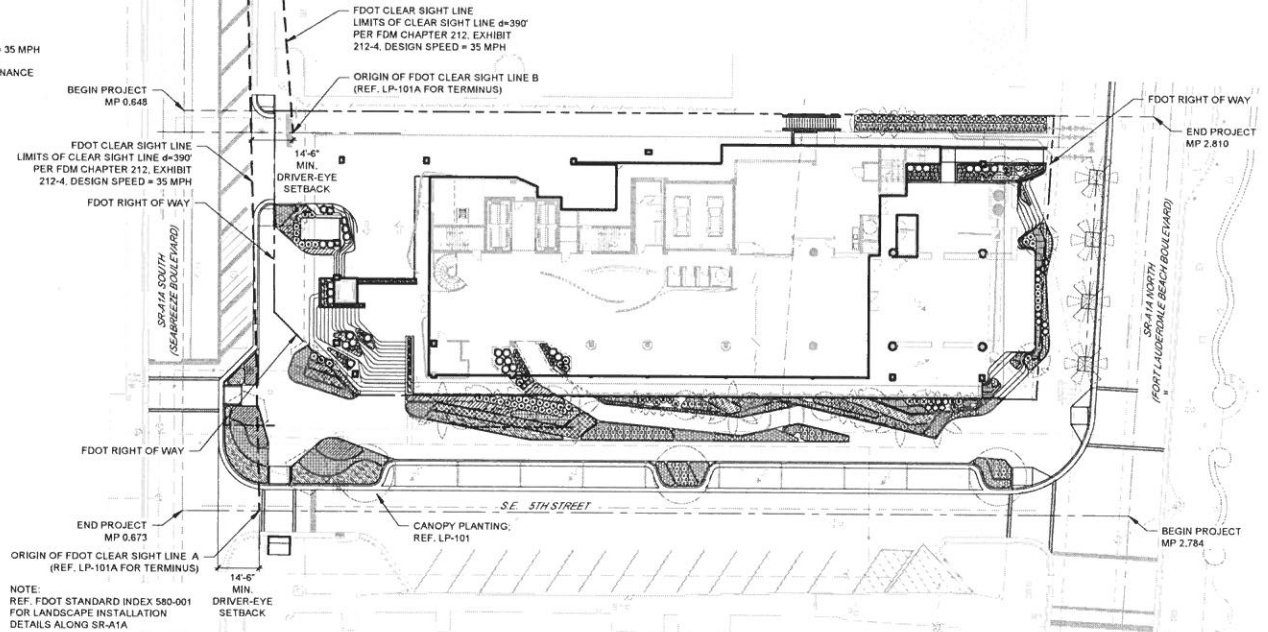
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NOTE:  
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DETAILS ALONG SR-A1A



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# PLANT LIST

SHRUBS & GROUNDCOVERS			
QTY	SYMBOL	KEY	PLANT NAME
7	●	AEC	Anacardium occidentale (or alternate salt tolerant variety, submit all for approval)
334	■	ALT	Alternanthera versicolor 'RUBY'
323	■	APT	Aptenia cordifolia (BABY SUN ROSE)
95	●	ASP	Aspidistra elatior (CAST IRON PLANT)
370	■	CAR	Carissa macrocarpa Emerald Blanka (EMERALD CARISSA)
528	■	DC	Dichondra argentea 'Silver Falls' (DICHONDRA 'SILVER FALLS')
331	■	ERN	Ernodea littoralis (GOLDEN CREEPER)
31	○	GAL	Galphimia gracilis (THRIFALLIS)
12	○	GUA	Gouania squarrosa (LIGNUM VITAE)
63	■	HED	Hedera helix (ENGLISH IVY)
41	■	MUH	Muhlenbergia capensis (GULF MUHLY GRASS)
256	■	NEO	Neoregelia 'Fascia' (FIREBALL, INCONELAD)
9	○	PRC	Philodendron Royal Congo (ROAD CONGO)
30	○	RHA	Rhipsalis multiflora (JADE PALM / FINGER PALM)
71	■	SPA	Spartina bakeri (SAND CORDGRASS)
37	■	SUR	Suriana maritima (BAY CEDAR)
64	■	UNE	Uniola paniculata (SEA CATS)
150	■	XAN	Philodendron 'Xanadu' (XANADU PHLODENDRON)
13	○	ZAF	Zamia floridana (CANDIDBOARD PALM)
50	■	ZAM	Zamia pumila (Zamia floridana) (COONTIE)



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DRAWN BY: KS, JL  
DESIGNED BY: PW, MH  
CHECKED BY: PVW



SHEET TITLE  
PLANTING PLAN  
(UNDERSTORY)

FDOT LANDSCAPE PERMIT  
SHEET NUMBER

LP-102

PROJECT NO. 10253.00

FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004

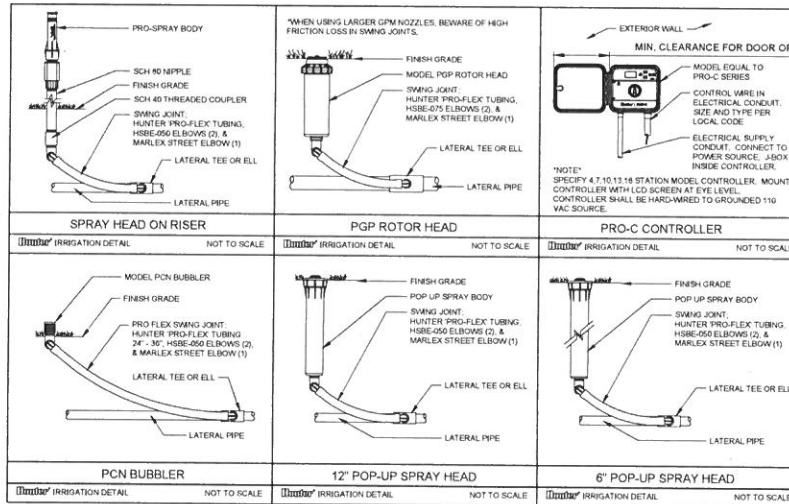
# IRRIGATION NOTES:

1. THE CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL REQUIRED TO MAKE THE SYSTEM FUNCTION PROPERLY. ALL IRRIGATION SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND ALSO STATE AND/OR LOCAL CODES.
2. IRRIGATION PLANS ARE SCHEMATIC AND DRAWN FOR GRAPHIC CLARITY. ALL PIPING BELOW PAVEMENT SHALL BE SLEEVED. LAYOUT OF IRRIGATION SYSTEM SHALL BE COORDINATED WITH CORRESPONDING LANDSCAPE PLAN.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL UNDERGROUND UTILITY PROVIDERS TO VERIFY LOCATIONS. THE CONTRACTOR IS ENCOURAGED TO VISIT THE SITE PRIOR TO INSTALLATION AND BECOME FAMILIAR WITH EXISTING CONDITIONS.
4. VALVE LOCATIONS ARE SCHEMATIC ONLY AND WILL BE ADJUSTED FOR SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN AN AMETEK OR CARSON VALVE BOX. THE FLOW ADJUSTMENT FEATURE WILL BE USED TO BALANCE PRESSURE THROUGHOUT THE SYSTEM.
5. PIPING SHALL BE SIZED TO MINIMIZE FRICTION LOSS AND MAINTAIN FLOW VELOCITY BELOW 5 FPS.
6. THE IRRIGATION CONTROLLER SHALL BE INSTALLED IN ACCORDANCE WITH LOCAL CODES AND MANUFACTURER'S RECOMMENDATIONS. PROPER GROUNDING EQUIPMENT AND SURGE PROTECTION SHALL BE PROVIDED. A RAIN SENSOR SHALL BE INSTALLED TO OVER-RIDE THE CONTROLLER.
7. ALL HEADS ON RISERS SHALL BE SET AT THE HEIGHT OF ADJACENT PLANT MATERIAL.
8. SPRINKLER LOCATIONS ADJACENT TO PAVEMENT, STRUCTURES, FENCES, ETC. SHALL BE OFFSET AS FOLLOWS: 12" MIN FOR POP-UP MIST HEADS, 18" FOR SPRINKLERS, 18" FOR ROTOR HEADS, AND TYPICALLY 5 FEET FOR ROTORS ALONG UNCURBED ROADWAYS.
9. ALL SLEEVING SHALL BE SCH 40 PVC TO SIZE INDICATED ON PLAN, OR IF NOT INDICATED, A MIN. OF 2 PIPE SIZES LARGER THAN SUPPLY LINE CONTAINED. ALL SLEEVES SHALL BE INSTALLED A MIN. OF 24" BELOW FINISH GRADE.
10. CONTROL WARES SHALL BE UL APPROVED PE IRRIGATION CONTROL WIRE. USE 14 GAGE CONTROL WIRE AND 12 GAGE GROUND WIRE. WIRE SHALL BE BUNDLED AND ATTACHED TO THE MAIN LINE IN TRENCH OR THROUGH WIRE SLEEVES AT PAVEMENT CROSSINGS 24" BELOW FIN. GRADE. ALL SPLICES SHALL BE MADE WITH WATERPROOF DIRECT-BURIAL SPLICE KITS AND CONTAINED IN VALVE BOXES. TWO EXTRA CONTROL WARES SHALL BE INSTALLED TO THE FURTHEST VALVES IN EACH DIRECTION FROM THE CONTROLLER.
11. PIPING IN NARROW PLANTING AREAS, PARKING ISLANDS AND PLANTERS SHALL BE SET TO ONE SIDE. TO ALLOW ROOM FOR ROOT BALLS. PIPE AS INDICATED ON PLAN IS SCHEMATIC AND SHOULD BE ADJUSTED FOR FIELD CONDITIONS.
12. ALL GLUE JOINTS SHALL BE CLEANED, SANDED, AND TREATED WITH A COLORED HIGH ECHT PRIMER AND JOINED USING A SOLVENT CONFORMING WITH ASTM D2564.
13. SYSTEM PIPE SIZE 3/4" SHALL BE CLASS 200 PVC; SYSTEM PIPE SIZE 1" OR GREATER SHALL BE CLASS 180 PVC. SYSTEM MAIN WILL BE SCH 40 PVC TO SIZE INDICATED ON PLAN. ALL FITTINGS WILL BE SOLVENT WELD SCH 40 PVC. MAIN LINE SHALL HAVE 24" MINIMUM COVER. ALL OTHER PIPING WILL HAVE 12" MIN. COVER. ALL BACKFILL FOR PIPE TRENCHES SHALL BE CLEAN AND FREE OF FOREIGN DEBRIS AND SHARP OBJECTS. BACKFILLED TRENCHES SHALL BE PROPERLY COMPACTED. ALL MAIN LINES WILL BE INSTALLED A MIN. OF 3' FROM ANY TREE OR PALM.
14. WATERING TIME PER STATION WILL BE DETERMINED IN THE FIELD AND PER LOCAL REQUIREMENTS. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PRECIPITATION RATES OF SPRINKLERS SPECIFIED.
15. IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 50% OVERLAP MIN. PROVIDE BUBBLERS FOR ALL NEW AND RELOCATED TREES AND PALMS.
16. RUST CONTROL SYSTEM TO BE INSTALLED WITH PUMP STATION (IF FROM WELL).
17. THE IRRIGATION SYSTEM IN THE RIGHT-OF-WAY IS TO INCORPORATE LOW TRAJECTORY SPRAY HEADS TO MINIMIZE OVERSPRAY.
18. AS-BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE.

## FDOT IRRIGATION NOTES:

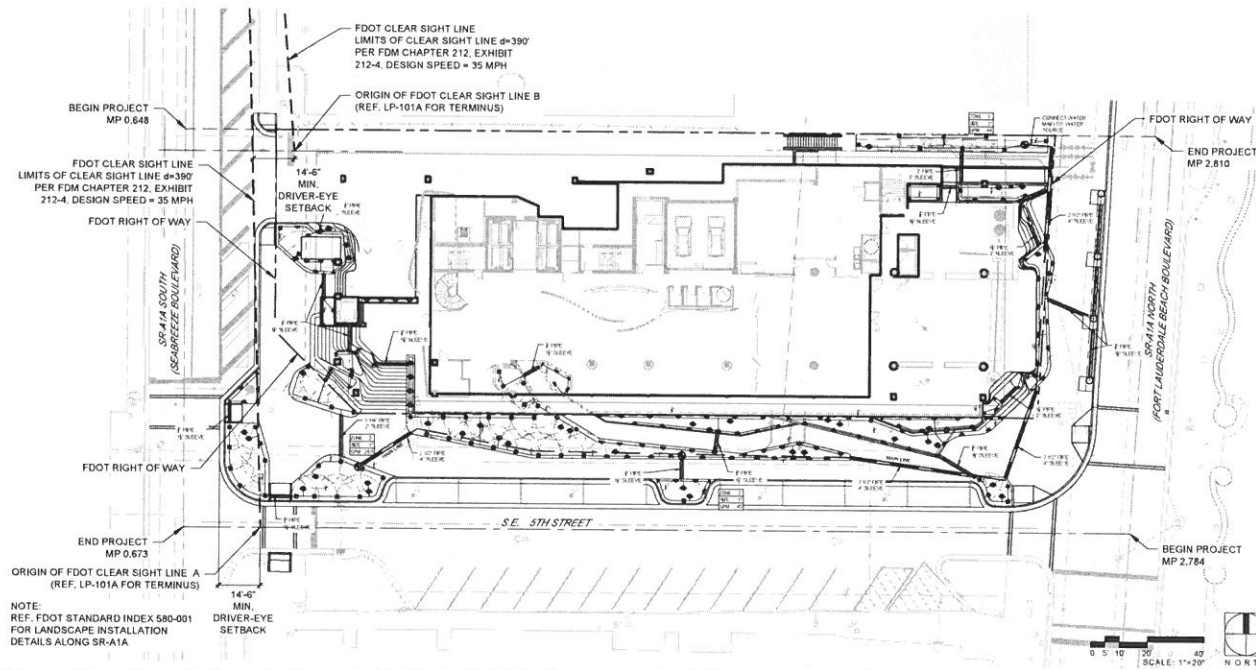
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## IRRIGATION LEGEND

SYMBOL	DESCRIPTION
○	HUNTER PGP 6" POP-UP ROTOR HEADS
○	HUNTER MP ROTATOR: MP2000, 15' RADIUS, WITH PRS40 BODY
□	HUNTER MP ROTATOR: MP1000, 12' RADIUS, WITH PRS40 BODY
○	HUNTER MP ROTATOR: MP1000, 10' RADIUS, WITH PRS40 BODY
□	HUNTER MP ROTATOR: MP1000, 8' RADIUS, WITH PRS40 BODY
□	HUNTER END SPRAY: ES515, WITH PRO SPRAY BODY
□	HUNTER SIDE SPRAY: SS515, WITH PRO SPRAY BODY
▲	HUNTER MULTI-STREAM BUBBLERS: MSBN SERIES
●	HUNTER BUBBLERS: PCN SERIES
○	HUNTER ROOT ZONE WATERING SYSTEM: RZWS-10-R
●	ZONE VALVE: EQUAL TO HUNTER 1" PGV ASV, IN AMETEK OR CARSON 12"X18" VALVE BOX
◀▶	AMES BRASS GATE VALVE: SAME SIZE AS MAINLINE, IN 6" SCH 40 PVC COLLAR EXTENSION AND VALVE BOX
□	HUNTER MODULAR IRRIGATION CONTROLLER EQUAL TO PRO-C SERIES WITH SOLAR SYNC, TO BE LOCATED PER OWNER'S PREFERENCE
—	SLEEVES: SCH 40 PVC OR RATED EQUAL CLASS SLEEVES TO BE MIN. 24" AND MAX. 36" DEEP
—	MAIN LINE: SCH 40 PVC WITH SCH 80 PVS FITTINGS THRUST BLOCKS AT STRESS POINTS, SITE PER PLAN
—	LATERAL PIPING: PVC CLASS 200
—	PVC FITTINGS AND GLUE JOINTS, PER SPECIFICATIONS



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SHEET TITLE  
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AND DETAILS

FDOT LANDSCAPE PERMIT  
SHEET NUMBER

LI-101

PROJECT NO. 10253.00

FDOT LANDSCAPE PERMIT NO. 2019-L-491-00004