

SECTION: 86006000  
PERMIT: 2023-L-491-00004  
COUNTY: Broward  
STATE RD: 842

STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION  
DISTRICT FOUR  
LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT

**THIS AGREEMENT**, made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_, by and between the **STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the **DEPARTMENT** and the **CITY OF FORT LAUDERDALE**, a municipal corporation, existing under the Laws of Florida, hereinafter called the **AGENCY**.

**WITNESSETH:**

**WHEREAS**, the DEPARTMENT has jurisdiction over **State Road 842 (Broward Boulevard)** as part of the State Highway System; and

**WHEREAS**, as part of the continual updating of the State Highway System, the DEPARTMENT, for the purpose of safety, protection of the investment and other reasons, has constructed and does maintain the highway facility as described in **Exhibit "A"**, within the corporate limits of the AGENCY; and

**WHEREAS**, the AGENCY seeks to install by permit and maintain certain new landscape improvements within the right of way of **State Road 842 (Broward Boulevard)**, as described within **Exhibit "B"**; and

**WHEREAS**, the AGENCY is agreeable to maintaining those landscape improvements within the AGENCY'S limits including plant materials, irrigation system and/or hardscape which may contain specialty surfacing (concrete pavers, color stamped concrete and color stamped asphalt [also known as patterned pavement]) including any other nonstandard hardscape (if applicable), but excluding standard concrete sidewalk, and agree such improvements shall be maintained by periodic mowing, fertilizing, weeding, litter pick-up, pruning, necessary replanting, irrigation repair and/or repair of the median concrete replacements associated with the specialty surfacing (if applicable) as needed; and

**WHEREAS**, it is the intent of the AGENCY and the DEPARTMENT that the AGENCY shall maintain all right of way within the medians, outside the traveled way and improvements made to the traveled way that was made at the request of the AGENCY; and

**WHEREAS**, the parties hereto mutually recognize the need for entering into an Agreement designating and setting forth the responsibilities of each party; and

**WHEREAS**, the AGENCY, by Resolution No. \_\_\_\_\_, dated \_\_\_\_\_, 20\_\_\_\_, attached hereto as **Exhibit "D"** and by this reference made a part hereof, desires to enter into this Agreement and authorizes its officers to do so.

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

1. The recitals set forth above are true and correct and are deemed incorporated herein.

## 2. INSTALLATION OF FACILITIES

The AGENCY shall install and agrees to maintain the *landscape improvements* described herein as: plant materials, irrigation and/or hardscape on the highway facilities substantially as specified in plans and specifications hereinafter referred to as the Project(s) and incorporated herein as **Exhibit "B"**. *Hardscape* shall mean, but not be limited to, any site amenities such as landscape accent lighting, bike racks, fountains, tree grates, decorative free-standing walls, and/or sidewalk, median and/or roadway specialty surfacing such as concrete pavers, stamped colored concrete and/or stamped colored asphalt (also known as patterned pavement).

- (a) All plant materials shall be installed and maintained in strict accordance with sound nursery practice prescribed by the International Society of Arboriculture (ISA). All plant materials installed shall be Florida #1 or better according to the most current edition of Florida Department of Agriculture, *Florida Grades and Standards for Nursery Stock*; and all trees shall meet Florida Power & Light, *Right Tree, Right Place, South Florida*.
- (b) Trees and palms within the right of way shall be installed and pruned to prevent encroachment to roadways, lateral offsets, and sidewalks. Definition of these criteria is included in the most current editions of FDOT standards for design, construction, maintenance, and utility operations on the state highway system and **Exhibit "C"**, the Maintenance Plan.
- (c) Tree and palm pruning shall be supervised by properly trained personnel trained in tree pruning techniques and shall meet the most current standards set forth by the International Society of Arboriculture (ISA) and the American National Standard Institute (ANSI), Part A-300.
- (d) Irrigation installation and maintenance activities shall conform to the standards set forth by the Florida Irrigation Society (FIS) latest edition of FIS, *Standards and Specifications for Turf and Landscape Irrigation Systems*.
- (e) The AGENCY shall provide the FDOT Local Operation Center accurate as-built plans of the irrigation system so if in the future there is a need for the DEPARTMENT to perform work in the area, the system can be accommodated as much as possible. (See paragraph (g) for contact information.)
- (f) If it becomes necessary to provide utilities (water/electricity) to the median or side areas, it shall be the AGENCY'S responsibility to obtain a permit for such work through the local Operations Center (see paragraph (g) below) and the AGENCY

shall be responsible for all associated fees for the installation and maintenance of these utilities.

- (g) The AGENCY shall provide the local FDOT Operation Center, located at Broward Operations, 5548 NW 9<sup>th</sup> Avenue, Ft. Lauderdale, FL 33309, (954) 776-4300), a twenty-four (24) hour telephone number and the name of a responsible person that the DEPARTMENT may contact. The AGENCY shall notify the local maintenance office forty-eight (48) hours prior to the start of the landscape improvements.
- (h) All specialty surfacing shall be installed and maintained in strict accordance with the most current edition of the *Florida Accessibility Code for Building Construction* and the *Interlocking Concrete Pavement Institute (ICPI)*.
- (i) All activities, including landscape improvements installation and future maintenance operations performed on State highway right of way, must be in conformity with the most current edition of the *Manual on Uniform Traffic Control (MUTCD)* and *FDOT Standard Plans for Road Construction, 102-XXX series, Maintenance of Traffic*.
- (j) The most current edition of *FDOT Design Manual, Section 212.11 and Exhibits 212.4 through 212.7 regarding clear sight triangles at intersections* must be adhered to.
- (k) Clear Zone Lateral Offset and as specified in the *FDOT Design Manual, Chapter 215* must be adhered to.
- (l) Landscape improvements shall not obstruct roadside signs or permitted outdoor advertising signs, (see Florida Administrative Code [F.A.C.] Rule Chapter 14-10.)
- (m) If there is a need to restrict the normal flow of traffic, it shall be done on non-holiday, weekday, off-peak hours (9 AM to 3 PM), and the party performing such work shall give notice to the local law enforcement agency within whose jurisdiction such road is located prior to commencing work on the landscape improvements. The DEPARTMENT'S Public Information Officer (see telephone number in paragraph (g) for Operation Center) shall also be notified.
- (n) The AGENCY shall be responsible for ensuring no impacts to utilities will occur within the landscape improvement limits before construction commences.
- (o) The AGENCY shall follow the minimum level of maintenance guidelines as set forth in FDOT'S Rule Chapter 14-40 *Highway Beautification and Landscape Management*, in the *FDOT Guide to Roadside Mowing and Maintenance Management System*, and **Exhibit "C"**, the *Maintenance Plan* for maintenance activities for landscape improvements.

### 3. MAINTENANCE OF FACILITIES

- A. The AGENCY agrees to maintain the landscape improvements, as existing and those to be installed, within the physical limits described in **Exhibit "A"** and as further described in **Exhibit "B"**. The non-standard improvements within and outside the traveled way shall be maintained by the AGENCY regardless if the said improvement was made by the DEPARTMENT, the AGENCY, or others authorized pursuant to Section 7, by periodic mowing, pruning, fertilizing, weeding, curb and sidewalk edging,

litter pickup, necessary replanting, irrigation system repair and/ or repair of any median concrete replacement associated with specialty surfacing (if applicable) following the DEPARTMENT'S landscape safety and maintenance guidelines, **Exhibit "C"**, the Maintenance Plan. The AGENCY'S responsibility for maintenance shall include all landscaped, turfed and hardscape areas on the sidewalk or within the medians and areas outside the traveled way to the right of way and/or areas within the traveled way containing specialty surfacing. The AGENCY shall be solely responsible for all maintenance and/or damage to any FDOT installed sidewalks directly attributable to AGENCY maintained trees or other improvements. It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway caused by the differential characteristics of non-standard traveled way surfacing (if applicable) on DEPARTMENT right of way within the limits of this Agreement.

- B. Such maintenance to be provided by the AGENCY is specifically set out as follows: to maintain, which means to properly water and fertilize all plant materials; to keep them as free as practicable from disease and harmful insects; to properly mulch the planting beds; to keep the premises free of weeds; to mow the turf to the proper height; to properly prune all plants which at a minimum includes: (1) removing dead or diseased parts of plants, (2) pruning such parts thereof to provide clear visibility to signage, permitted outdoor advertising signs per Florida Statute 479.106 and for those using the roadway and/or sidewalk; (3) preventing any other potential roadway hazards. *Plant materials* shall be those items which would be scientifically classified as plants and including trees, palms, shrubs, groundcover and turf. To maintain also means to remove or replace dead or diseased plant materials in their entirety, or to remove or replace those that fall below original project standards. Palms shall be kept fruit free year-round. To maintain also means to keep the header curbs that contain the specialty surfacing treatment in optimum condition. To maintain also means to keep the nonstandard hardscape areas clean, free from weeds and to repair said hardscape as is necessary to prevent a safety hazard. To maintain also means to keep litter removed from the median and areas outside the travel way to the right of way line. All plants removed for whatever reason shall be replaced by plants of the same species type, size, and grade as specified in the original plans and specifications. Any changes to the original plans shall be submitted by permit application to the DEPARTMENT for review and approval.
- C. If it becomes necessary to provide utilities (water/electricity) to the medians or areas outside the traveled way to maintain these improvements, all costs associated with the utilities associated for the landscape improvements including any impact and/or connection fees, and the on-going cost of utility usage for water and electrical, are the maintaining AGENCY'S responsibility.

The AGENCY shall be directly responsible for impact and connection fees.

- D. The maintenance functions to be performed by the AGENCY may be subject to periodic inspections by the DEPARTMENT at the discretion of the DEPARTMENT. Such inspection findings will be shared with the AGENCY and shall be the basis of all decisions regarding repayment, reworking or agreement termination. The AGENCY shall not change or deviate from said plans without written approval of the DEPARTMENT.

#### 4. DEPARTMENT ACCESS TO FACILITIES

The DEPARTMENT will periodically need access to various features within the limits of this agreement. Upon request of the DEPARTMENT, the AGENCY will have 14 calendar days to provide access to the items noted by the DEPARTMENT. This may require temporary or permanent removal of improvements such as hardscape, landscape or other items conflicting with the items to which the Department needs access.

Should the AGENCY fail to remove or relocate items as requested, the Department may:

- (a) Remove conflicting improvements or any portion thereof.
- (b) Restore the area with any material meeting Department standards.
- (c) Restore the improvements at the request and funding of the AGENCY.

#### 5. NOTICE OF MAINTENANCE DEFICIENCIES

If at any time after the AGENCY has undertaken the landscape improvements installation and/or maintenance responsibility for the landscape improvements it shall come to the attention of the DEPARTMENT'S District Secretary that the limits, or a part thereof, are not properly maintained pursuant to the terms of this Agreement, said District Secretary, may at his/her option, issue a written notice that a deficiency or deficiencies exist(s), by sending a certified letter to the AGENCY, to place said AGENCY on notice thereof. Thereafter, the AGENCY shall have a period of thirty (30) calendar days within which to correct the cited deficiencies. If said deficiencies are not corrected within this time period, the DEPARTMENT may, at its option, proceed as follows:

- (a) Maintain the landscape improvements or any part thereof, with the DEPARTMENT or Contractor's personnel and invoice the AGENCY for expenses incurred, and/or
- (b) At the discretion of the DEPARTMENT, terminate the Agreement in accordance with Paragraph 9 of this Agreement and remove, by the DEPARTMENT or Contractor's personnel, all of the landscape improvements installed under this Agreement or any preceding Agreements, except as to trees and palms, and charge the AGENCY the reasonable cost of such removal.

#### 6. FUTURE DEPARTMENT IMPROVEMENTS

It is understood between the parties hereto that the landscape improvements covered by this Agreement may be removed, relocated, or adjusted at any time in the future, as determined to be necessary by the DEPARTMENT in order that the adjacent state road be widened, altered, or otherwise changed to meet future criteria or planning needs of the DEPARTMENT. The AGENCY shall be given sixty (60) calendar day notice to remove said landscape improvements at the AGENCY'S expense after which time the DEPARTMENT may remove same. All permits (including tree permits), fees, and any mitigation associated with the removal, relocation or adjustments of these improvements are the maintaining AGENCY'S responsibility.

## 7. FUTURE AGENCY IMPROVEMENTS

The AGENCY may construct additional landscape improvements within the limits of the landscape improvements rights of ways identified as a result of this document, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT. The AGENCY shall not change or deviate from said plans without written approval by the DEPARTMENT.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements it chooses to have installed and there will be no cost to the DEPARTMENT.

## 8. ADJACENT PROPERTY OWNER IMPROVEMENTS

The DEPARTMENT may allow an adjacent property owner to construct additional landscape improvements within the limits of the right of way identified in **Exhibit "A"** of this Agreement that the AGENCY shall be responsible for maintaining under this Agreement, subject to the following conditions:

- (a) Plans for any new landscape improvements shall be subject to approval by the DEPARTMENT and shall require a valid permit attached with a letter of consent to said plans by the AGENCY. The plans shall not be changed or deviated from without written approval by the DEPARTMENT and the AGENCY.
- (b) All landscape improvements shall be developed and implemented in accordance with appropriate state safety and roadway design standards.
- (c) The AGENCY agrees to comply with the requirements of this Agreement with regard to any additional landscape improvements installed by an adjacent owner.

## 9. AGREEMENT TERMINATION

In addition to those conditions otherwise contained herein, this Agreement may be terminated under any one (1) of the following conditions:

- (a) By the DEPARTMENT, if the AGENCY fails to perform its duties under this Agreement, following ten (10) days written notice.
- (b) By the DEPARTMENT, for refusal by the AGENCY to allow public access to all documents, papers, letters, or other material subject to the provisions of Chapter 119, Florida Statutes, and made or received by the AGENCY in conjunction with this Agreement.

## 10. AGREEMENT TERM

- (a) The term of this Agreement commences upon execution by all parties and shall remain in effect for as long as the improvements shall exist, or until this Agreement is terminated by either party in accordance with Paragraph 9.
- (b) If the DEPARTMENT chooses to cancel the landscape improvements described in **Exhibit "B"**, this Agreement becomes void and the original Agreement is reinstated, if any.

## 11. LIABILITY AND INSURANCE REQUIREMENTS

- A. With respect to any of the AGENCY'S agents, consultants, sub-consultants, contractors and/or sub-contractors, such party in any contract for the landscape improvements shall agree to indemnify, defend, save and hold harmless the DEPARTMENT from all claims, demands, liabilities, and suits of any nature arising out of, because of or due to any intentional and/or negligent act or occurrence, omission or commission of such agents, consultants, subconsultants, contractors and/or subcontractors. The AGENCY shall provide the DEPARTMENT with written evidence of the foregoing upon the request of the DEPARTMENT. It is specifically understood and agreed that this indemnification clause does not cover or indemnify the DEPARTMENT for its own negligence.
- B. In the event that AGENCY contracts with a third party to provide the services set forth herein, any contract with such third party shall include the following provisions:
  - (1) AGENCY'S contractor shall at all times during the term of this Agreement keep and maintain in full force and effect, at contractor's sole cost and expense, Comprehensive General Liability with minimum limits of \$1,000,000.00 per occurrence combined single limit for Bodily Injury Liability and Property Damage Liability and Worker's Compensation insurance with minimum limits of \$500,000.00 per Liability. Coverage must be afforded on a form no more restrictive than the latest edition of the Comprehensive General Liability and Worker's Compensation policy without restrictive endorsements, as filed by the Insurance Services Office. The AGENCY and DEPARTMENT shall be named as additional insured on such policies.
  - (2) AGENCY'S contractor shall furnish AGENCY with Certificates of Insurance of Endorsements evidencing the insurance coverage specified herein prior to the beginning performance of work under this Agreement.
  - (3) Coverage is not to cease and is to remain in full force and effect (subject to cancellation notice) until all performance required of AGENCY'S contractor is completed. All policies must be endorsed to provide the DEPARTMENT with at least thirty (30) day notice of cancellation and/or restriction. If any of the insurance coverage will expire prior to the completion of work, copies of renewal policies shall be furnished at least (30) days prior to the date of expiration.

## 12. E-VERIFY REQUIREMENTS

The AGENCY shall:

- (a) Utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the AGENCY during the term of the contract; and
- (b) Expressly require any subcontractors performing work or providing services pursuant to the state contract to likewise utilize the U.S. Department of Homeland Security's E-Verify system to verify the employment eligibility of all new employees hired by the subcontractor during the contract term.

## 13. SUPERSEDED AGREEMENTS

This writing embodies the entire Agreement and understanding between the parties hereto and there are no other Agreements and understanding, oral or written, with reference to the subject matter hereof that are not merged herein and superseded hereby.

## 14. FISCAL TERMS

The DEPARTMENT, during any fiscal year, shall not expend money, incur any liability, or enter into any contract which, by its terms, involves the expenditure of money in excess of the amounts budgeted as available for expenditure during such fiscal year. Any contract, verbal or written, made in violation of this subsection is null and void, and no money will/may be paid on such contract. The DEPARTMENT shall require a statement from the Comptroller of the DEPARTMENT that funds are available prior to entering into any such contract or other binding commitment of funds. Nothing herein contained shall prevent the making of contracts for periods exceeding one (1) year, but any contract so made shall be executory only for the value of the services to be rendered or agreed to be paid for in succeeding fiscal years; and this paragraph shall be incorporated verbatim in all contracts of the DEPARTMENT which are for an amount in excess of TWENTY-FIVE THOUSAND DOLLARS (\$25,000.00) and which have a term for a period of more than one year.

## 15. DISPUTES

The DEPARTMENT'S District Secretary shall decide all questions, difficulties, and disputes of any nature whatsoever that may arise under or by reason of this Agreement, the prosecution or fulfillment of the service hereunder and the character, quality, amount, and value thereof; and his decision upon all claims, questions, and disputes shall be final and conclusive upon the parties hereto.

## 16. ASSIGNMENT

This Agreement may not be assigned or transferred by the AGENCY, in whole or in part, without the prior written consent of the DEPARTMENT.



## 17. LAWS GOVERNING

This Agreement shall be governed by and construed in accordance with the laws of the State of Florida. In the event of a conflict between any portion of the contract and Florida law, the laws of Florida shall prevail. The AGENCY agrees to waive forum and jurisdictional venue. The DEPARTMENT shall determine the forum and venue in which any dispute under this Agreement is decided.

## 18. NOTICES

Any and all notices given or required under this Agreement shall be in writing and either personally delivered with receipt acknowledgement or sent by certified mail, return receipt requested. All notices shall be sent to the following addresses:

If to the DEPARTMENT:

Florida Dept. of Transportation  
3400 West Commercial Blvd.  
Ft. Lauderdale, FL 33309-3421  
Attn: Kaylee Kildare  
District IV Landscape Manager

If to the AGENCY:

City of Fort Lauderdale  
101 NE 3rd Avenue, Suite 2100  
Fort Lauderdale, FL 33301  
Attn: City Manager

## 19. LIST OF EXHIBITS

The following Exhibits are attached hereto and incorporated herein to this Agreement:

- Exhibit A: Landscape Improvements Maintenance Boundaries
- Exhibit B: Landscape Improvement Plans
- Exhibit C: Maintenance Plan for Landscape Improvements
- Exhibit D: Resolution

**IN WITNESS WHEREOF**, the parties hereto have executed this Agreement effective the day and year first above written.

**AGENCY**

ATTEST:

CITY OF FORT LAUDERDALE

\_\_\_\_\_  
David R. Soloman, City Clerk

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

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

(SEAL)

By: \_\_\_\_\_  
Greg Chavarria, City Manager

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

Approved as to form:  
Thomas J. Ansbro, City Attorney

By: \_\_\_\_\_  
Kimberly Cunningham Mosley, Esq.  
Assistant City Attorney

**STATE OF FLORIDA  
DEPARTMENT OF TRANSPORTATION**

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

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

Legal Review

Date

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

\_\_\_\_\_

**SECTION: 86006000**  
**PERMIT: 2023-L-491-00004**  
**COUNTY: Broward**  
**STATE RD: 842**

**EXHIBIT A**

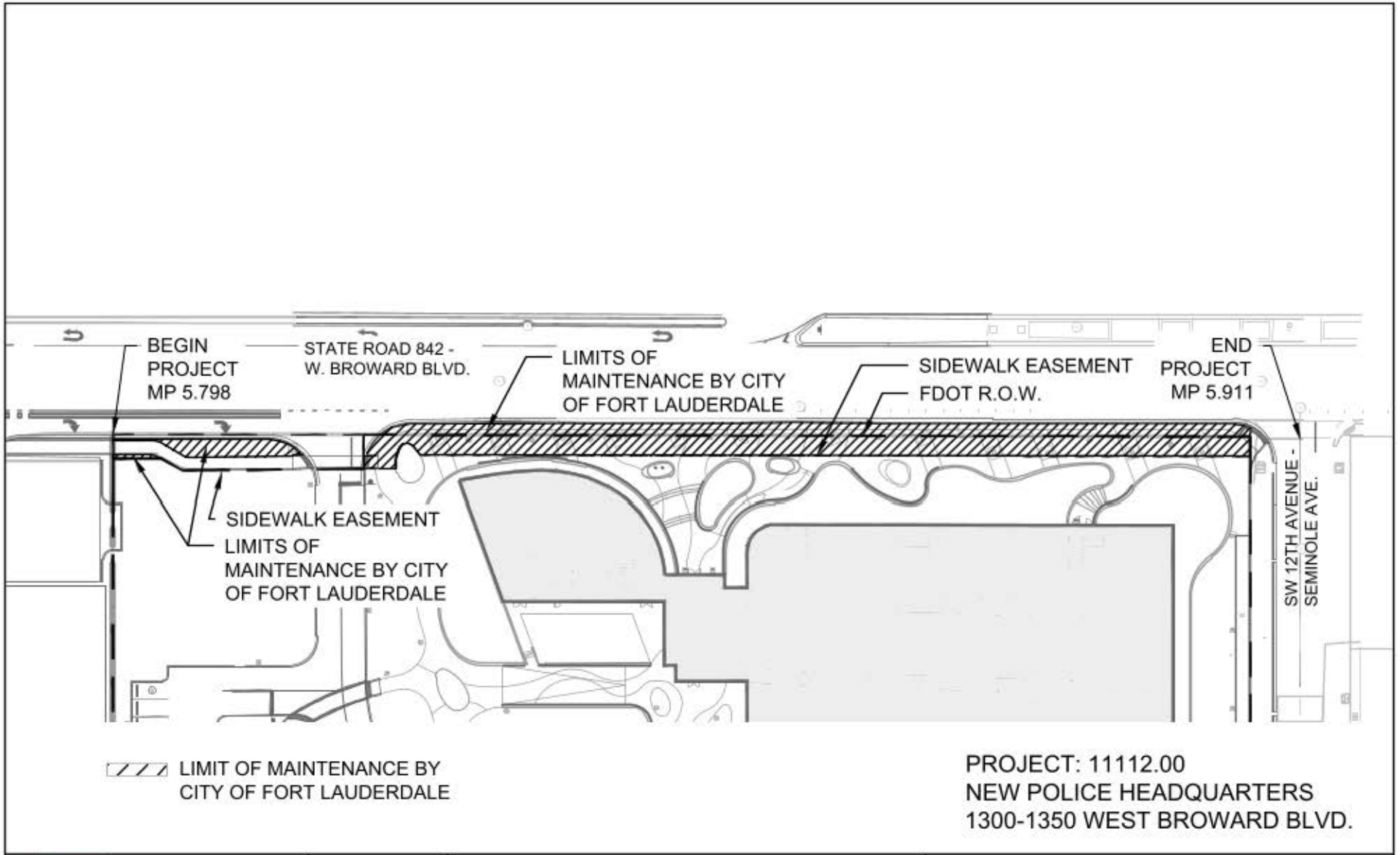
**LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES**

**I. LIMITS OF MAINTENANCE FOR LANDSCAPE IMPROVEMENTS:**

State Road 842 (Broward Boulevard) from M.P. 5.798 to M.P. 5.911 (SW 12<sup>th</sup> Avenue/  
Seminole Way)

**II. LANDSCAPE IMPROVEMENTS MAINTENANCE BOUNDARIES:**

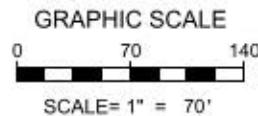
See attached map



301 East Atlantic Boulevard  
Pompano Beach, FL 33060

Florida Certificate of  
Authorization # - 7928

DATE: 08/10/2023  
SCALE: AS NOTED  
DRAWN BY: JL  
DESIGN BY: AS  
CHECKED BY: KS



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. 2023-L-491-00004

CAM # 24-0094

Exhibit 1

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**SECTION: 86006000**  
**PERMIT: 2023-L-491-00004**  
**COUNTY: Broward**  
**STATE RD: 842**

**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: Paul Weinberg, RLA  
Keith and Associates

Date: June 14, 2023

# FDOT LANDSCAPE PERMIT

## FOR

# FORT LAUDERDALE POLICE HEADQUARTERS

1300-1350 W BROWARD BLVD  
FORT LAUDERDALE, FL 33312



**LOCATION MAP**

SECTION 09, TOWNSHIP 50 S, RANGE 42 E  
FOLIO #504209010070

INDEX OF SHEETS		
Sheet Identification	Sheet Identification	Sheet Title
1	LC-000	COVER
2	LC-001	AERIAL MAP
3	LD-100	TREE DISPOSITION PLAN
4	LH-001	HARDSCAPE NOTES, LEGEND & SCHEDULE
5	LH-101	HARDSCAPE PLAN
6	LH-102	HARDSCAPE PLAN
7	LH-501	HARDSCAPE DETAILS
8	LH-502	HARDSCAPE DETAILS
9	LH-503	HARDSCAPE DETAILS
10	LH-504	HARDSCAPE DETAILS
11	LP-001	PLANTING NOTES & SCHEDULE
12	LP-100	FDOT CLEAR SIGHT LINE EXHIBIT
13	LP-101	PLANTING PLAN
14	LP-102	PLANTING PLAN
15	LP-501	PLANTING DETAILS
16	LP-502	PLANTING DETAILS
17	LI-101	IRRIGATION PLAN
18	LI-102	IRRIGATION PLAN
19	LI-501	IRRIGATION DETAILS

**FDOT SPECIFICATIONS AND DESIGN STANDARD INDEXES:**  
**GOVERNING STANDARD PLANS:**  
 Florida Department of Transportation, FY 2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) are available at the following website:  
<https://www.flot.gov/design/standardplans>  
**GOVERNING STANDARD SPECIFICATIONS:**  
 Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website:  
<https://www.flot.gov/programmanagement/implemented/specbooks>

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



PREPARED FOR:  
 CITY OF FORT LAUDERDALE  
 100 N ANDREWS AVE.  
 FORT LAUDERDALE, FLORIDA 33301

301 East Atlantic Boulevard  
Pompano Beach, Florida 33060-6643

PH: (954) 788-3400

State of Florida Certificate of Authorization Number - 7928

This seal has been digitally signed and sealed by Paul H. Weinberg, R.L.A. on the date below using Digital Signature.

Printed copies of this document are not considered signed and sealed. All signatures must be verified on any electronic copies.

Date: 2023 06 14 12:47:38-04:00  
**PAUL H. WEINBERG, R.L.A.**  
 FLORIDA REG. NO. LA6666804  
 (FOR THE FIRM)

PROJECT No. 11112.00  
 ISSUE DATE: FEBRUARY 10, 2023  
 RE-ISSUE DATE: JUNE 12, 2023

CAM # 24-0094

FDOT LANDSCAPE PERMIT

**GENERAL NOTES:**

- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR SHALL NOTIFY OWNER AND LANDSCAPE ARCHITECT 72 HOURS PRIOR TO COMMENCEMENT OF WORK TO COORDINATE PROJECT INSPECTION SCHEDULES.
- 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.
- 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.
- 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.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR THE LEGAL OFF-SITE DISPOSAL OF SURPLUS MATERIAL AND DEBRIS.
- 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 OCCURED 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.
- ALL EXISTING DECORATIVE CONCRETE PAVERS WITHIN THE EXISTING DRIVEWAY CROSSWALK AND MEDIAN THAT ARE TO BE REMOVED MUST BE STORED WITHIN THE CITY FACILITY FOR FUTURE USE.

ABBREVIATIONS	
B&B	BALLED AND BURLAPPED
BLDG.	BUILDING
B.O.C.	BACK OF CURB
CAL.	CALIPER
CJ	CONTROL JOINT
CL	CENTERLINE
CLR.	CLEAR
CT	CLEAR TRUNK
CRZ	CRITICAL ROOT ZONE
EJ	EXPANSION JOINT
EQ	EQUAL
FFE	FINISHED FLOOR ELEVATION
FG	FIELD GROWN
GAL.	GALLON
HT	HEIGHT
L.A.	LANDSCAPE ARCHITECT

L.O.C.	LIMIT OF CONSTRUCTION
MIN.	MINIMUM
MULTI	MULTI-TRUNK
N.I.C.	NOT IN CONTRACT
OA	OVERALL
O.C.	ON CENTER
O.C.E.W.	ON CENTER EACH WAY
PA (OR P.A.)	PLANTING AREA
QTY	QUANTITY
R.O.W.	RIGHT OF WAY
SIM.	SIMILAR DETAIL
SPRD.	SPREAD
TYP.	TYPICAL
U.N.O.	UNLESS NOTED OTHERWISE

GENERAL LEGEND	
SYMBOL	DESCRIPTION
REF:	ENLARGEMENT AREA REFERENCE
MATCHLINE: XX-XXX	SHEET MATCHLINE
L.O.C.	LIMIT OF CONSTRUCTION
	PROPERTY LINE
SITEWORK	
	DETAIL REFERENCE
	MATERIAL OR FINISH REFERENCE SYMBOL
	SECTION CUT REFERENCE
	ELEVATION OR AERIAL VIEW REFERENCE
PLANTING	
	PLANT LABEL
DIMENSIONING	
	ALIGN ELEMENTS
	CENTERLINE

**HARDSCAPE MATERIALS SCHEDULE**

CONCRETE					
KEY	DESCRIPTION / MODEL	COLOR	FINISH	CONTACT	REMARKS
C1	CONCRETE	STANDARD GREY	MEDIUM BROOM WITH SAW CUT JOINTS	LOCAL SOURCE	- CONTRACTOR TO PROVIDE 5' X 5' MOCKUP FOR REVIEW & APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT.
C2	CONCRETE	STANDARD GREY	MEDIUM SANDBLAST	LOCAL SOURCE	- CONTRACTOR TO PROVIDE 5' X 5' MOCKUP FOR REVIEW & APPROVAL BY CLIENT AND LANDSCAPE ARCHITECT.
PAVERS					
KEY	DESCRIPTION / MODEL	COLOR	FINISH	CONTACT	REMARKS
P1	PAVER DETECTABLE WARNING - SIZE: 12" X 12"	CHARCOAL	STANDARD	LOCAL SOURCE	- SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW AND APPROVAL
P2	PAVER PRECAST CONCRETE - SHELLSTONE - SIZE: 8" X 12" X 2-3/8"	WHITE	STANDARD	COMPANY: TREMRON CONTACT: MICHAEL CLARCHICK PHONE: (954) 258-0833 (OR APPROVED SUBSTITUTE)	- SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW AND APPROVAL - PATTERN TO BE OFFSET RUNNING BOND
P3	PAVER PRECAST CONCRETE - SHELLSTONE PLANK COMBO - SIZE: 4' X 16" & 4' X 12"	LIGHT HUNINGTON	STANDARD	COMPANY: TREMRON CONTACT: MICHAEL CLARCHICK PHONE: (954) 258-0833 (OR APPROVED SUBSTITUTE)	- SUBMIT SAMPLE AND PRODUCT DATA FOR REVIEW AND APPROVAL - PATTERN TO BE OFFSET RUNNING BOND
MISCELLANEOUS					
M1	PAVER GRATE - ITEM# 6224A - SIZE: 72" SQUARE - OPENING: 24" - WITH EXP TRIM RING	N/A	GALVANIZED	COMPANY: IRONSMITH PHONE: 800-338-4766	- SUBMIT PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT - INSTALL PER MANUFACTURER RECOMMENDATIONS
M2	CONCRETE (VERTICAL)	MATCH ARCHITECTURE	MATCH ARCHITECTURE	LOCAL SOURCE	-PROVIDE 18" HT X 4' LENGTH MOCKUP FOR LANDSCAPE ARCHITECT REVIEW
M3	BIKE RACKS - RIDE	SILVER	ALUMINUM - POWDERCOAT	COMPANY: LANDSCAPE FORMS CONTACT: LUIS SALAZAR OFFICE PHONE: (269) 337-1314	-SUBMIT FINISH SAMPLE AND PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT
M4	LITTER RECEPTACLE - MULTIPLICITY LITTER DOUBLE FREESTANDING	SILVER	ALUMINUM - POWDERCOAT	COMPANY: LANDSCAPE FORMS CONTACT: LUIS SALAZAR OFFICE PHONE: (269) 337-1314	-MANUFACTURER TO PROVIDE MOUNTING DETAILS & REQUIREMENTS
M5	SECURITY FENCING FENCING/GATES -48" ECHELON - MAJESTIC STYLE WITH 3 RAILS -54" SECURITY LATCH HEIGHT	BLACK OR BRONZE - FINAL SELECTION TO BE DETERMINED	POWDERCOAT	COMPANY: AMERISTAR PHONE: 888.333.3422 AMERISTARFENCEORLANDO.COM	-CONTRACTOR TO PROVIDE SHOP DRAWINGS -SUBMIT POWDERCOAT FINISH SAMPLE AND PRODUCT DATA FOR REVIEW & APPROVAL BY LANDSCAPE ARCHITECT -MANUFACTURER TO PROVIDE MOUNTING DETAILS & STRUCTURAL REQUIREMENTS IF APPLICABLE.
M7	WIRE MESH TRELLIS -GREENKIT TRELLIS SYSTEM BY JAKOB ROPE SYSTEMS	NA	STAINLESS STEEL	COMPANY: JAKOB ROPE SYSTEMS PHONE: (561) 330-6502 CONTACT: DANIEL SEKZER EMAIL: dsekzer@jakob.com	-REFERENCE ARCHITECTURAL DRAWINGS FOR ELEVATIONS AND DIMENSIONS OF TRELLIS SYSTEM AND ATTACHMENT DETAILS -SUBMIT PRODUCT DATA FOR REVIEW AND APPROVAL BY ARCHITECT AND LANDSCAPE ARCHITECT



301 East Atlantic Blvd. Pompano Beach, FL 33060  
PH: (954) 788-3400

Florida Certificate of Authorization: 7928  
Licensed Business Number: 6860

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 PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE: 06/12/23  
DESIGNED BY: SL, MP  
DRAWN BY: SL, GM  
CHECKED BY: PW, MP, KS  
BID-CONTRACT:

PAUL H. WEINBERG, R.L.A.  
FLORIDA REG. NO. LA666804  
(FOR THE FIRM)

CLIENT  
**CITY OF FORT LAUDERDALE**

PROJECT  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

SHEET TITLE  
**HARDSCAPE NOTES,  
LEGEND &  
SCHEDULE**

SHEET NUMBER **LH-001**

PROJECT NUMBER **11112.00**

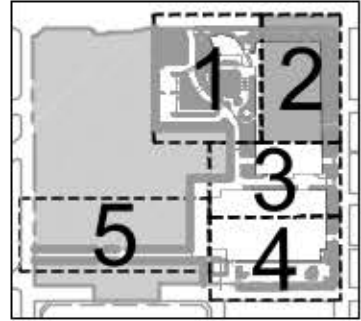
FDOT LANDSCAPE PERMIT NO. 2023-091-00004

FDOT LANDSCAPE PERMIT

Drawing Name: S:\11112.00 - City of Fort Lauderdale New Police Headquarters - AEC\08\Landscaping\AEC\08\Landscaping\CAD\FDOT Permit\11112.00-LH-001-FDOT.dwg



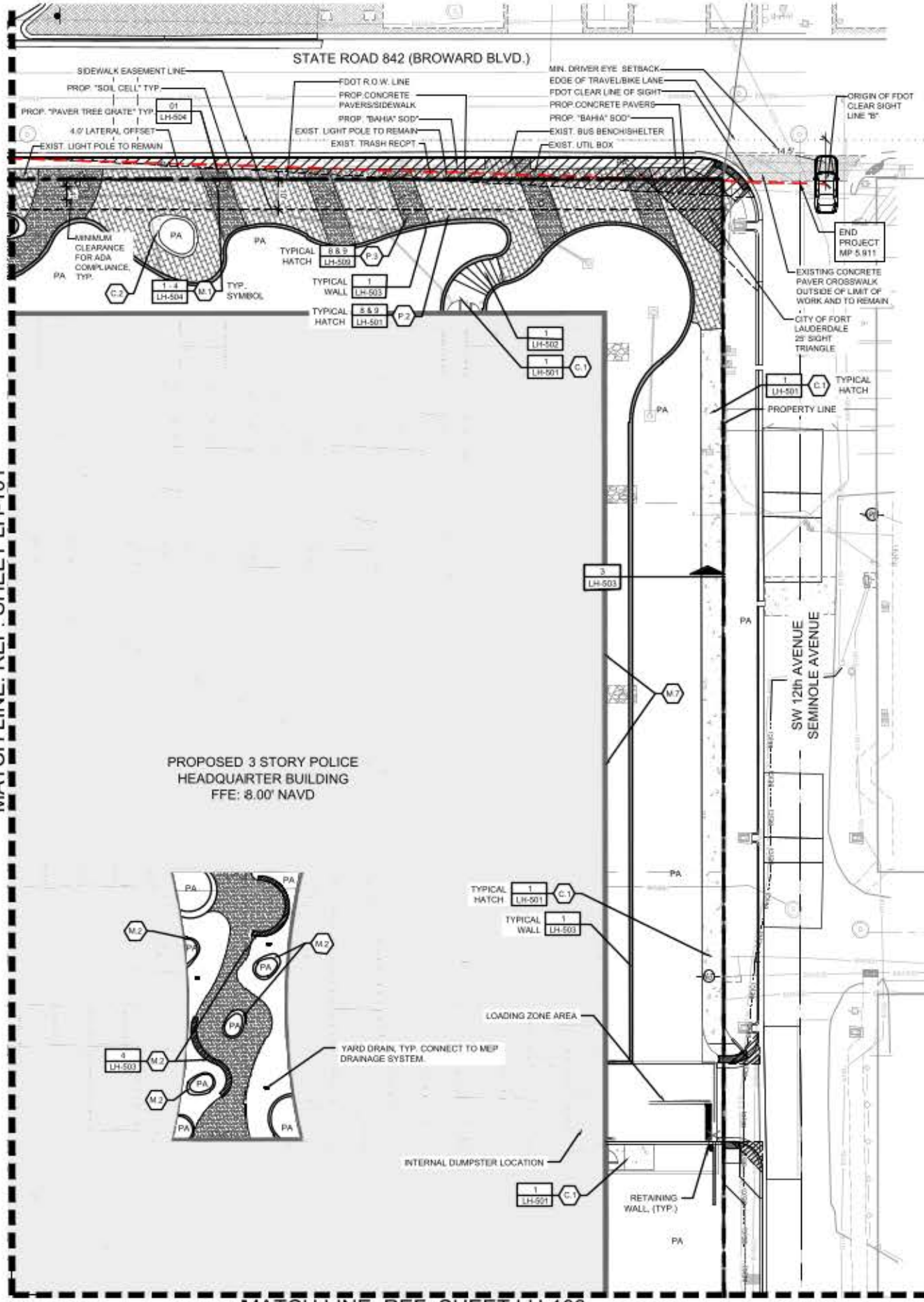




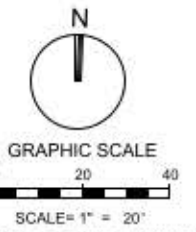
KEY MAP SCALE: N.T.S.

CONCRETE		
KEY	DESCRIPTION / MODEL	COLOR
C.1	CONCRETE	STANDARD GREY
C.2	CONCRETE	STANDARD GREY
PAVERS		
KEY	DESCRIPTION / MODEL	COLOR
P.1	PAVER DETECTABLE WARNING - SIZE: 12" X 12"	CHARCOAL
P.2	PAVER PRECAST CONCRETE - SHELLSTONE - SIZE: 8" X 12" X 2-3/8"	WHITE
P.3	PAVER PRECAST CONCRETE - SHELLSTONE PLANK COMBO - SIZE: 4" X 16" & 4" X 12"	LIGHT HUNTINGTON
MISCELLANEOUS		
KEY	DESCRIPTION / MODEL	COLOR
M.1	PAVER GRATE - ITEM# 6224A - SIZE: 72" SQUARE - OPENING: 24" - WITH EXP TRIM RING	N/A
M.2	CONCRETE (VERTICAL)	MATCH ARCHITECTURE
M.3	BIKE RACKS - RIDE	SILVER
M.4	LITTER RECEPTACLE - MULTIPICITY LITTER DOUBLE FREESTANDING	SILVER
M.5	SECURITY FENCING FENCING/GATES - 48" ECHELON - MAJESTIC STYLE WITH 3 RAILS - 54" SECURITY LATCH HEIGHT	BLACK OR BRONZE - FINAL SELECTION TO BE DETERMINED
M.7	WIRE MESH TRELLIS - GREENKIT TRELLIS SYSTEM BY JAKOB ROPE SYSTEMS	NA

MATCH LINE: REF. SHEET LH-101



MATCH LINE: REF. SHEET LH-103



**KEITH**  
301 East Atlantic Blvd. Pompano Beach, FL 33060  
PH: (954) 788-3400

REVISIONS		
NO.	DESCRIPTION	DATE

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DRAWN BY: SL, GM  
CHECKED BY: PW, MP, KS  
BID-CONTRACT:

PAUL H. WEINBERG, R.L.A.  
FLORIDA REG. NO. LA6666804  
(FOR THE FIRM)

CLIENT  
**CITY OF FORT LAUDERDALE**

PROJECT  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

SHEET TITLE  
**HARDSCAPE PLAN**

SHEET NUMBER **LH-102**  
PROJECT NUMBER **11112.00**

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

FDOT LANDSCAPE PERMIT 11112.00 - City of Fort Lauderdale New Police Headquarters - AEC/CMB/LS/SC/PA/AD/FDOT Permit/11112.00-LH-102-FDOT.dwg



301 East Atlantic Blvd. Pompano Beach, FL 33060  
PH: (954) 788-3400

Florida Certificate of Authorization: 1928  
Licensed Business Number: 6850

REVISIONS

NO.	DESCRIPTION	DATE

**PRELIMINARY PLAN  
NOT FOR CONSTRUCTION**

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ISSUE DATE: 06/12/23

DESIGNED BY: SL, MP

DRAWN BY: SL, GM

CHECKED BY: PW, MP, KS

BID-CONTRACT:

PAUL H. WEINBERG, R.L.A.  
FLORIDA REG. NO. LA666804  
(FOR THE FIRM)

**CLIENT**  
  
**CITY OF FORT LAUDERDALE**

**PROJECT**  
  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

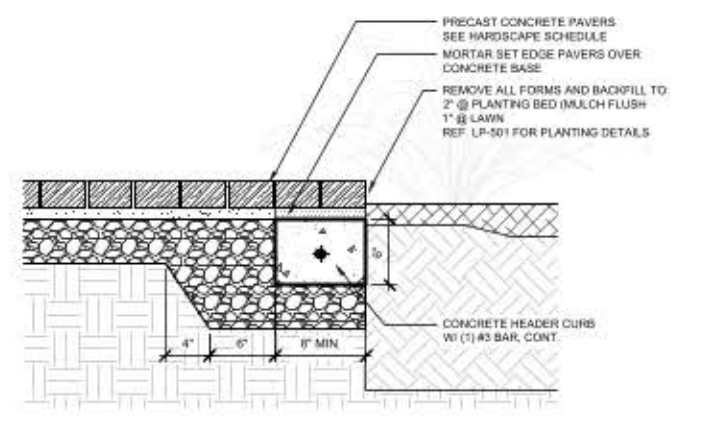
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**HARDSCAPE DETAILS**

SHEET NUMBER **LH-501**

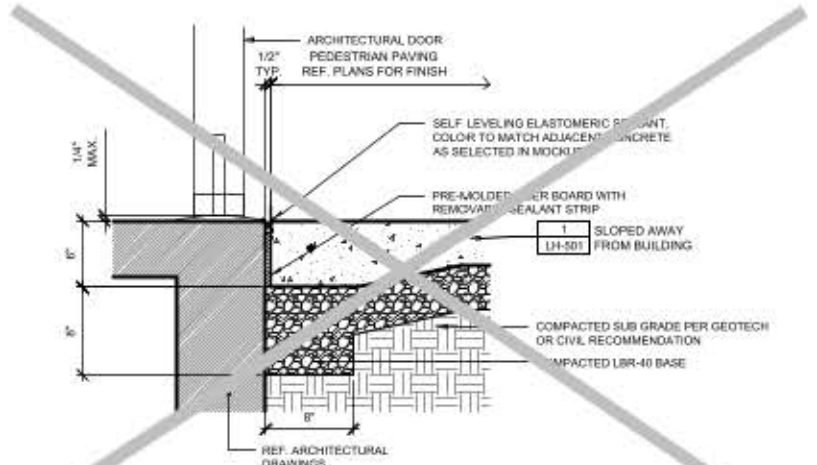
PROJECT NUMBER **11112.00**

CAM # 24-0094

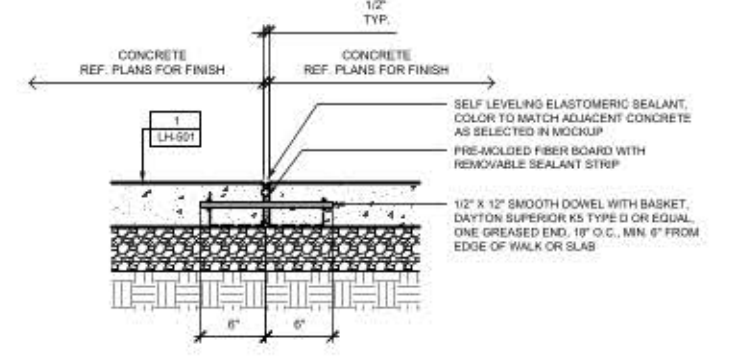
Page 18 of 35



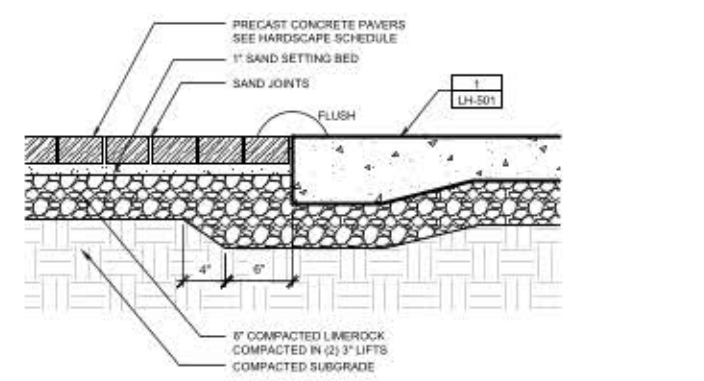
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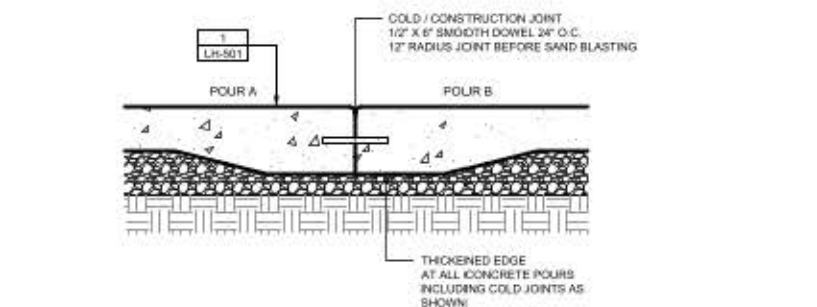
**6** SECTION SCALE: 1-1/2"=1'-0"



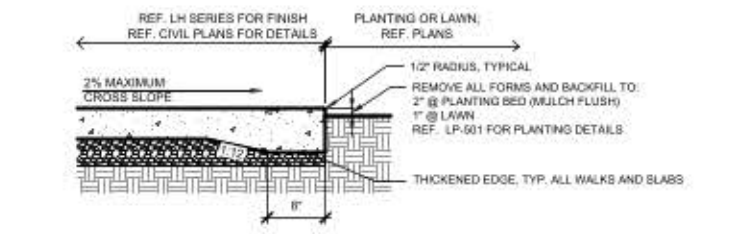
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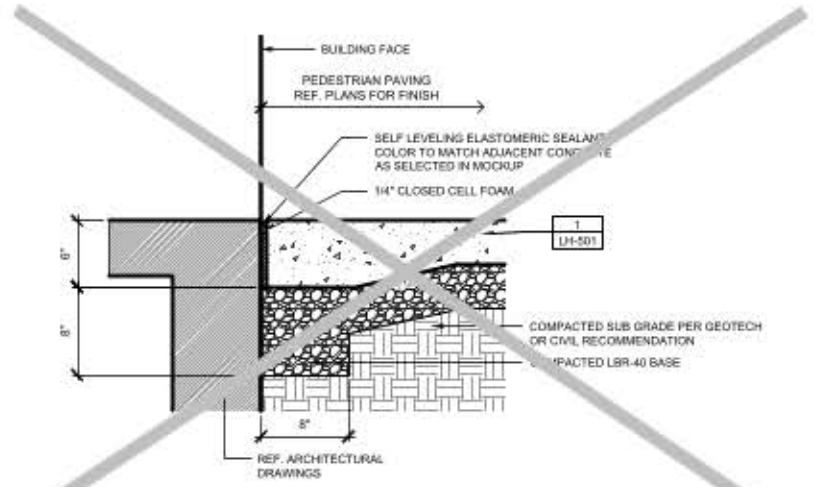
**8** SECTION SCALE: 1-1/2"=1'-0"



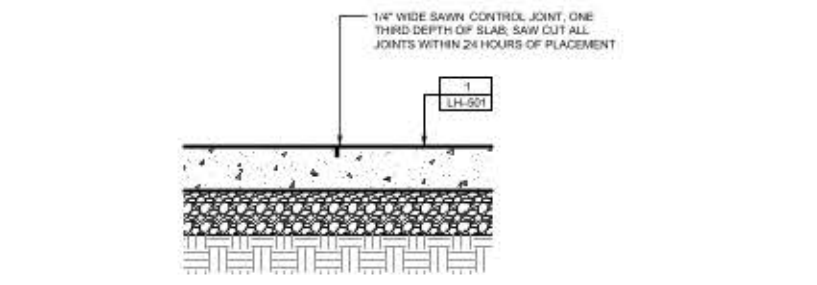
**5** SECTION SCALE: 1-1/2"=1'-0"



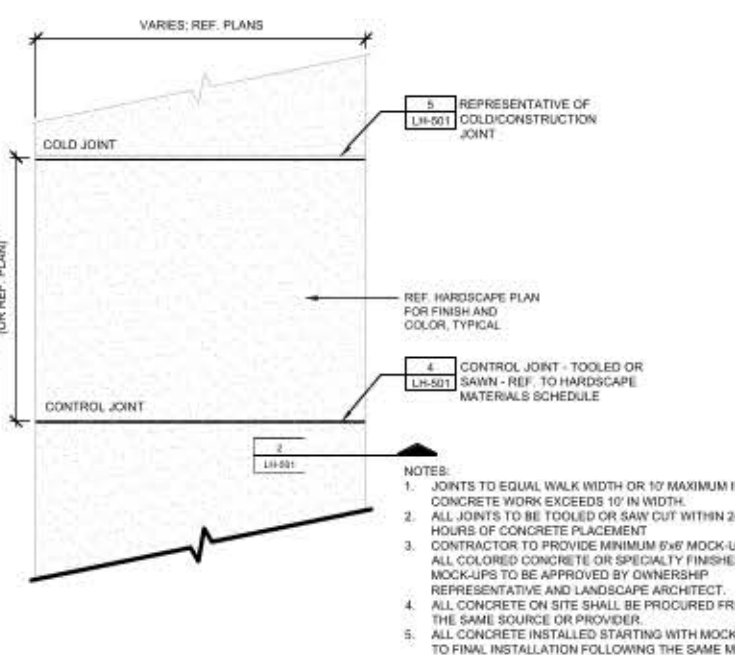
**2** SECTION SCALE: 1"=1'-0"



**7** SECTION SCALE: 1-1/2"=1'-0"



**4** SECTION SCALE: 1-1/2"=1'-0"



**1** PLAN SCALE: 3/4"=1'-0"

- NOTES:
- Joints to equal walk width or 10' maximum if concrete work exceeds 10' in width.
  - All joints to be tooled or saw cut within 24 hours of concrete placement.
  - Contractor to provide minimum 6"x6" mock-up for all colored concrete or specialty finishes. Mock-ups to be approved by ownership representative and landscape architect.
  - All concrete on site shall be procured from the same source or provider.
  - All concrete installed starting with mock-up to final installation following the same means and methods to ensure consistency.

FDOT LANDSCAPE PERMIT

Drawing name: S:\11112.00 - City of Fort Lauderdale New Police Headquarters - AEC\0611\06111112\06111112\06111112\_001\_FDOT.dwg

FDOT LANDSCAPE PERMIT



301 East Atlantic Blvd. Pompano Beach, FL 33060  
PH: (954) 788-3400

Florida Certificate of Authorization: 1928  
Licensed Business Number: 8850

REVISIONS		
NO.	DESCRIPTION	DATE

**PRELIMINARY PLAN  
NOT FOR CONSTRUCTION**

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ISSUE DATE: 06/12/23  
DESIGNED BY: SL, MP  
DRAWN BY: SL, GM  
CHECKED BY: PW, MP, KS  
BID-CONTRACT: \_\_\_\_\_

PAUL H. WEINBERG, R.L.A.  
FLORIDA REG. NO. LA666804  
(FOR THE FIRM)

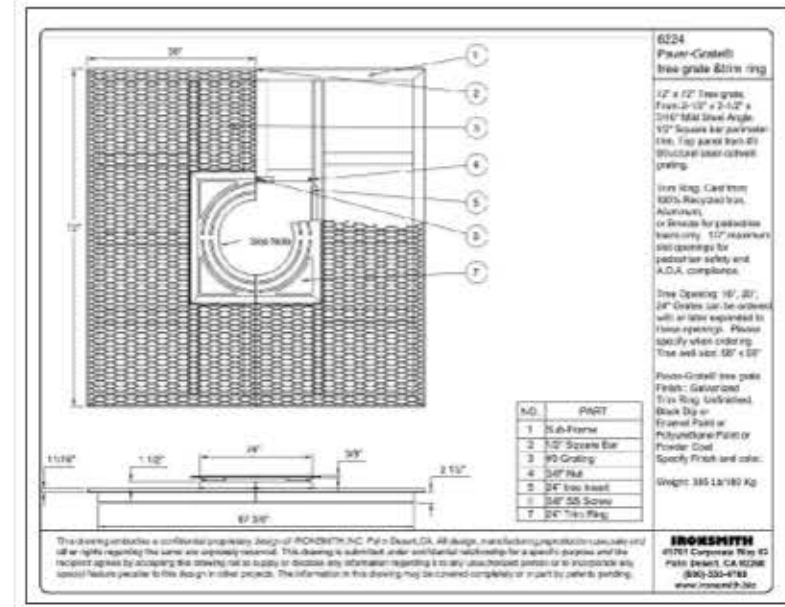
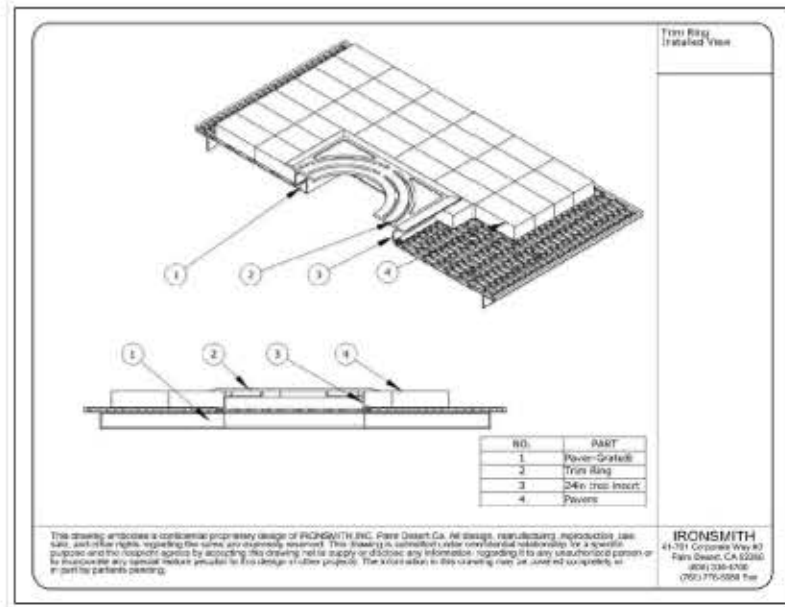
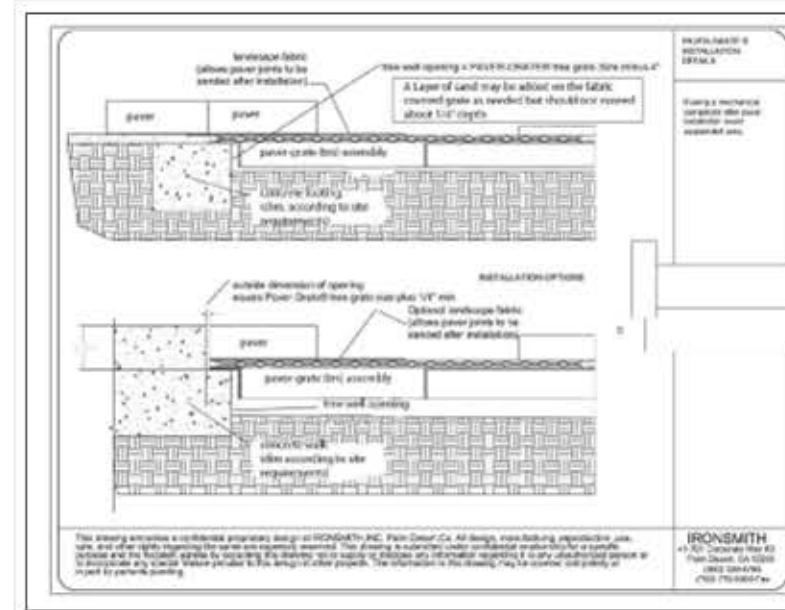
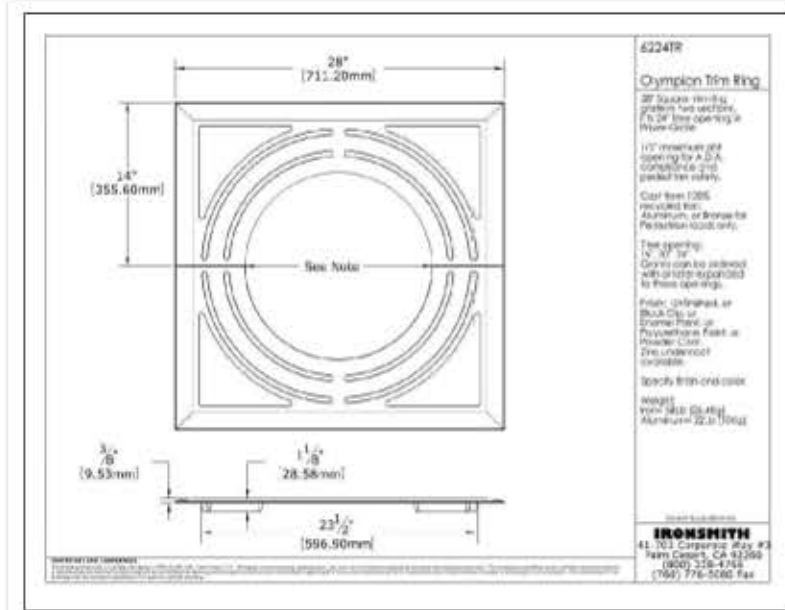
CLIENT  
**CITY OF FORT LAUDERDALE**

PROJECT  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

SHEET TITLE  
**HARDSCAPE DETAILS**

SHEET NUMBER **LH-504**

PROJECT NUMBER **11112.00**



**1 PAVER GRATE**  
PLAN/SECTION

SCALE: 1"=1'-0"

FOOT LANDSCAPE PERMIT N. 1300-1350-191-00004

FOOT LANDSCAPE PERMIT N. 1300-1350-191-00004



301 East Atlantic Blvd. Pompano Beach, FL 33060 PH: (954) 788-3400

Florida Certificate of Authorization: 1928 Licensed Business Number: 6860

REVISIONS

Table with columns: NO, DESCRIPTION, DATE

PRELIMINARY PLAN NOT FOR CONSTRUCTION

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ISSUE DATE: 06/12/23 DESIGNED BY: SL, MP DRAWN BY: SL, GM CHECKED BY: PW, MP, KS

BID-CONTRACT: [Blank]

PAUL H. WEINBERG, R.L.A. FLORIDA REG. NO. LA666804 (FOR THE FIRM)

CLIENT: CITY OF FORT LAUDERDALE

PROJECT: NEW POLICE HEADQUARTERS 1300-1350 WEST BROWARD BLVD

SHEET TITLE: PLANTING NOTES & SCHEDULE

SHEET NUMBER: LP-001

PROJECT NUMBER: 11112.00

CITY OF FORT LAUDERDALE - LANDSCAPE REQUIREMENTS. Table with columns: REQUIRED, PROVIDED. Subsections for PERIMETER LANDSCAPE AREA, INTERIOR LANDSCAPE, SITE LANDSCAPE REQUIREMENTS.

PLANTING ABBREVIATIONS. Table with columns: ABB, FULL NAME. Includes B&B, CAL, CT, CRZ, FG, GALL, GW, HT, MIN, MULTI, OA, O.C., QTY, SPRD, TYP, U.N.O.

TREES QTY BOTANICAL / COMMON NAME SIZE NATIVE REMARKS. List of trees with quantities and specifications.

PALMS QTY BOTANICAL / COMMON NAME SIZE NATIVE REMARKS. List of palm trees with quantities and specifications.

SHRUB AREAS QTY BOTANICAL / COMMON NAME SIZE NATIVE SPACING. List of shrubs with quantities and specifications.

Vertical text on the right margin: Pinned by: Johnson On Wednesday, September 23, 2023 9:46:36 AM

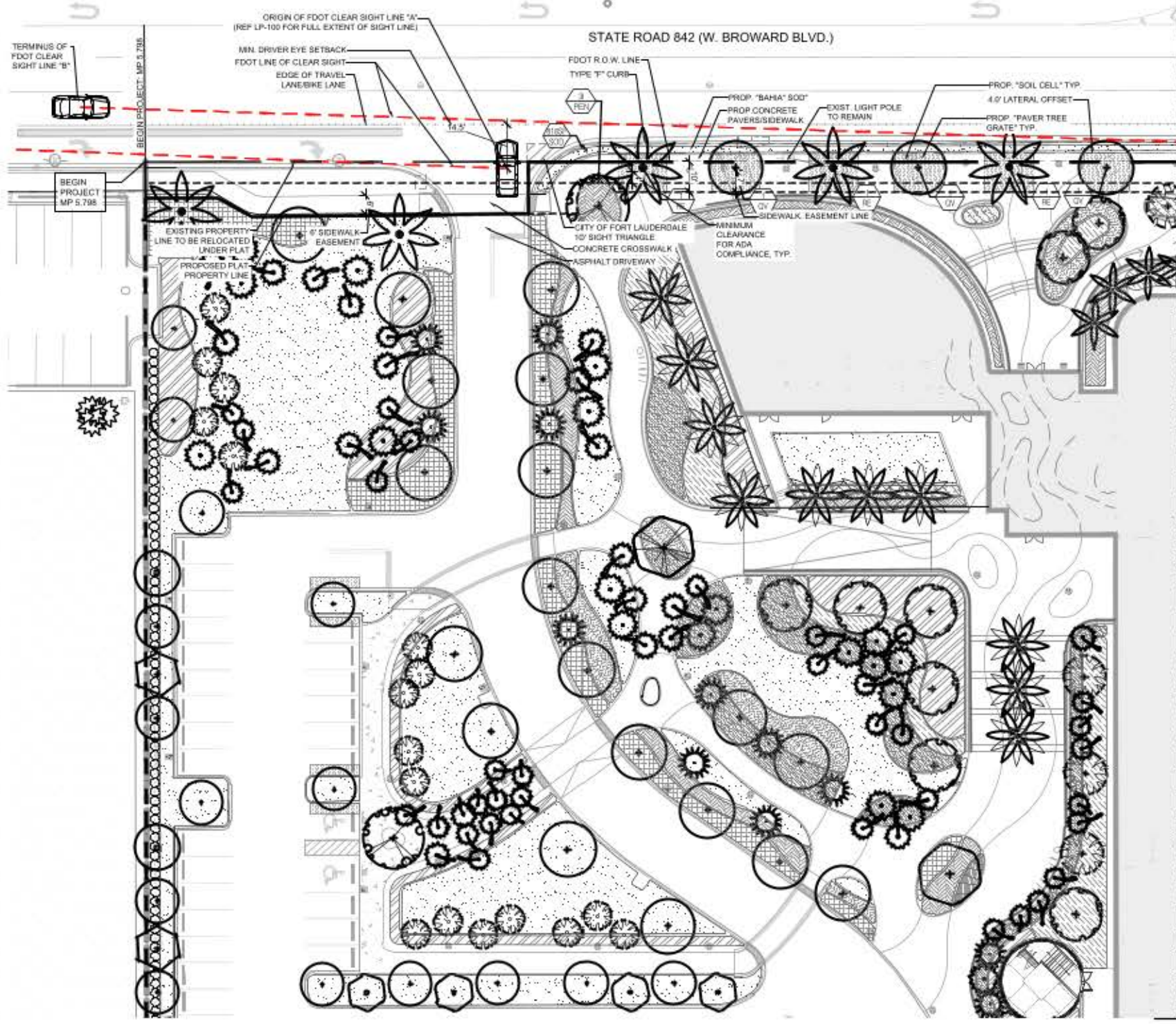
Vertical text on the left margin: D, C, B, A

QUICK REFERENCE PLANT LIST. SEE SHEET LP-101 FOR COMPLETE PLANT LIST AND NOTES

TREES	QTY	BOTANICAL / COMMON NAME
BS	11	BURSERIA SIMARUBA GUMBO LIMBO
BS-1	4	BURSERIA SIMARUBA SPECIMEN GUMBO LIMBO
CP	1	CEIBA PENTANDRA KAPOK TREE
CS	1	CEIBA SPECIOSA FLOSS SILK TREE
CES	11	CONOCARPUS ERECTUS 'SERICEUS' SILVER BUTTWOOD
LI	4	LAGERSTROEMIA INDICA CRAPE MYRTLE
MF	10	MYRCIANTHES FRAGRANS SIMPSON'S STOPPER
QV2	15	QUERCUS VIRGINIANA SPECIMEN SOUTHERN LIVE OAK
QV	32	QUERCUS VIRGINIANA SOUTHERN LIVE OAK
SM	13	SWIETENIA MAHAGONI MAHOGANY
TC	2	TABEBUIA CARAIBA YELLOW TABEBUIA
TI	3	TABEBUIA IMPETIGINOSA PURPLE TRUMPET TREE
TD	23	TAXODIUM DISTICHUM BALD CYPRESS

PALMS	QTY	BOTANICAL / COMMON NAME
PR	1	PHOENIX RECLINATA SENEGAL DATE PALM
PS	10	PHOENIX SYLVESTRIS WILD DATE PALM
RE	8	ROYSTONEA ELATA FLORIDA ROYAL PALM
SP	76	SABAL PALMETTO CABBAGE PALMETTO
SP2	38	SABAL PALMETTO CABBAGE PALMETTO
TR	21	THRINAX RADIATA FLORIDA THATCH PALM
VM	41	VEITCHIA MONTGOMERYANA MONTGOMERY PALM

SHRUB AREAS	QTY	BOTANICAL / COMMON NAME
SOD	.	PASPALUM NOTATUM BAHIA SOD
PEN	3	PENNISETUM SETACEUM WHITE FOUNTAIN GRASS



MATCH LINE: REF. SHEET LP-102

- 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 2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IR) are available at the following website: <https://www.fltdot.com/transportation/standard-plans/>  
 GOVERNING STANDARD SPECIFICATIONS:  
 Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fltdot.com/transportation/standard-specifications/>
  - CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION & 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.
  - ARCHITECTURAL PAVERS INSTALLATION FOR SIDEWALKS, MEDIANS, DRIVEWAYS OR ROADWAYS WITHIN THE FDOT RIGHT OF WAY SHALL COMPLY WITH CURRENT FDOT STANDARD SPECIFICATION 526. ONLINE REFERENCE: [http://fdotwww.blob.core.windows.net/infocore/default-source/programmanagement/implemented-specifications/january2022/1-20-ebook.pdf?sfvrsn=752a1333\\_4](http://fdotwww.blob.core.windows.net/infocore/default-source/programmanagement/implemented-specifications/january2022/1-20-ebook.pdf?sfvrsn=752a1333_4)
  - 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 APPLICABLE FDOT MAINTENANCE SPECIFICATION 580. ONLINE REFERENCE: <https://www.fltdot.com/transportation/standard-specifications/>
  - FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY REFER TO THE FDOT STANDARD PLANS INDEX 585-001 LANDSCAPE INSTALLATION. ONLINE REFERENCE: <https://www.fltdot.com/transportation/standard-plans/>
  - SODDED AREAS WILL BE ACCORDANCE WITH STANDARD PLANS INDEX 570-010 AND STANDARD SPECIFICATIONS SECTIONS 162, 570.961, 582, 603, 607 OF THE DEPARTMENT'S LATEST EDITION OF GOVERNING DESIGN STANDARDS AND STANDARD SPECIFICATIONS. ALL DISTURBED AREAS WILL BE SODDED WITHIN ONE (1) WEEK OF INSTALLATION OF SOD PERMITTED WORK.  
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 MANAGER 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 R.O.W. REQUIREMENTS:**
- DESIGN SPEED: S.R. 842 (BROWARD BLVD.) DESIGN SPEED = 45 MPH
  - VERTICAL CLEARANCE: MIN. PLANTING VERTICAL CLEARANCE PER FDOT MAINTENANCE RATING PROGRAM:
    - SIDEWALK = 8.5' VERTICAL CLEARANCE
    - ROADWAY = 14.5' VERTICAL CLEARANCE

- NOTES:**
- SOD TO BE ST. AUGUSTINE FLORATAW, EXCEPT IN RETENTION AREAS. CONTRACTOR TO DETERMINE QUANTITY.
  - ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
  - ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
  - BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND PALMS.
  - CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATION ATTACHED TO THIS PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
  - PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE.
  - ALL ROAD ROCK, CONCRETE, ASPHALT AND OTHER NON-NATURAL MATERIAL BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
  - NO TRENCHING ALLOWED WITHIN ROOT ZONES OF EXISTING TREES.
  - ALL CATEGORY 1 EXOTIC/INVASIVE TREES TO BE REMOVED PER LOCAL ORDINANCE.

Always call 811 two full business days before you dig.

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

GRAPHIC SCALE  
0 20 40  
SCALE = 1" = 20'  
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**KEITH**  
301 East Atlantic Blvd. Pompano Beach, FL 33060  
PH: (954) 788-3400  
Florida Certificate of Authorization: 7928  
Licensed Business Number: 6860

REVISIONS		
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ISSUE DATE: 06/12/23  
DESIGNED BY: SL, MP  
DRAWN BY: SL, GM  
CHECKED BY: PW, MP, KS  
BID-CONTRACT:

PAUL H. WEINBERG, R.L.A.  
FLORIDA REG. NO. LA666804  
(FOR THE FIRM)

**CLIENT**  
**CITY OF FORT LAUDERDALE**

**PROJECT**  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

**SHEET TITLE**  
**PLANTING PLAN**

SHEET NUMBER **LP-101**  
PROJECT NUMBER **11112.00**  
CAM # 24-0094  
Exhibit

FDOT LANDSCAPE PERMIT

QUICK REFERENCE PLANT LIST, SEE SHEET LP-001 FOR COMPLETE PLANT LIST AND NOTES

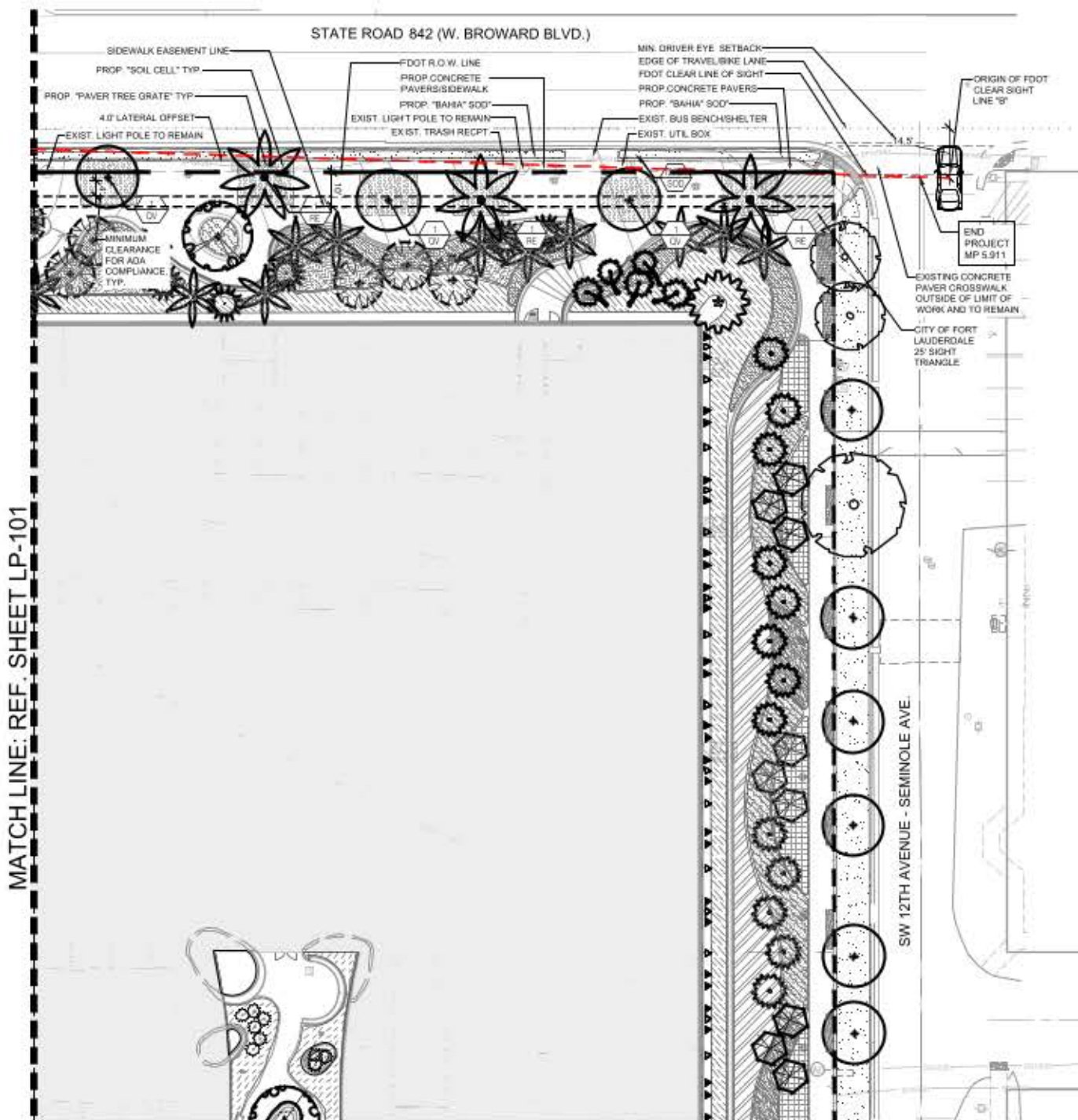
TREES	QTY	BOTANICAL / COMMON NAME
BS	11	BURSERIA SIMARUBA GUMBO LIMBO
BS-1	4	BURSERIA SIMARUBA SPECIMEN GUMBO LIMBO
CP	1	CEIBA PENTANDRA KAPOK TREE
CS	1	CEIBA SPECIOSA FLOSS SILK TREE
CES	11	CONOCARPUS ERECTUS 'SERICEUS' SILVER BUTTWOOD
LI	4	LAGERSTROEMIA INDICA CRAPE MYRTLE
MF	10	MYRCIANTHES FRAGRANS SIMPSON'S STOPPER
QV2	15	QUERCUS VIRGINIANA SPECIMEN SOUTHERN LIVE OAK
QV	32	QUERCUS VIRGINIANA SOUTHERN LIVE OAK
SM	13	SWIETENIA MAHAGONI MAHOGANY
TC	2	TABEBUIA CARAIBA YELLOW TABEBUIA
TI	3	TABEBUIA IMPETIGINOSA PURPLE TRUMPET TREE
TD	23	TAXODIUM DISTICHUM BALD CYPRESS

PALMS	QTY	BOTANICAL / COMMON NAME
PR	1	PHOENIX RECLINATA SENEGAL DATE PALM
PS	10	PHOENIX SYLVESTRIS WILD DATE PALM
RE	8	ROYSTONEA ELATA FLORIDA ROYAL PALM
SP	76	SABAL PALMETTO CABBAGE PALMETTO
SP2	38	SABAL PALMETTO CABBAGE PALMETTO
TR	21	THRINAX RADIATA FLORIDA THATCH PALM
VM	41	VEITCHIA MONTGOMERYANA MONTGOMERY PALM

SHRUB AREAS	QTY	BOTANICAL / COMMON NAME
SOD	1	PASPALUM NOTATUM BAHIA SOD



- NOTES:**
- SOD TO BE ST. AUGUSTINE 'FLORATA', EXCEPT IN RETENTION AREAS. CONTRACTOR TO DETERMINE QUANTITY.
  - ALL PLANTS TO BE FLORIDA NO. 1 OR BETTER PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.
  - ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
  - BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND PALMS.
  - CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND LANDSCAPE SPECIFICATION ATTACHED TO THIS PLAN AND PLANT LIST. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
  - PRE-CONSTRUCTION MEETING IS REQUIRED BEFORE ANY PLANT MATERIAL IS INSTALLED ON SITE.
  - ALL ROAD ROCK, CONCRETE, ASPHALT AND OTHER NON-NATURAL MATERIAL BE REMOVED AND BE REPLACED WITH PLANTING SOIL PRIOR TO LANDSCAPE INSTALLATION.
  - NO TRENCHING ALLOWED WITHIN ROOT ZONES OF EXISTING TREES.
  - ALL CATEGORY 1 EXOTIC/INVASIVE TREES TO BE REMOVED PER LOCAL ORDINANCE.

- 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 2022-23 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IR) are available at the following website: <https://www.fdot.com/transportation/standard-plans>  
GOVERNING STANDARD SPECIFICATIONS:  
Florida Department of Transportation, July 2022 Standard Specifications for Road and Bridge Construction at the following website: <https://www.fdot.com/transportation/standard-specifications>
  - CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION &/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.
  - ARCHITECTURAL PAVERS INSTALLATION FOR SIDEWALKS, MEDIANS, DRIVEWAYS OR ROADWAYS WITHIN THE FDOT RIGHT OF WAY SHALL COMPLY WITH CURRENT FDOT STANDARD SPECIFICATION 526. ONLINE REFERENCE: [http://fdotwww.blob.core.windows.net/infocore/default-source/programmanagement/implementation/specbooks/january2020/F-20-ebook.pdf?sfvrsn=752d1333\\_4](http://fdotwww.blob.core.windows.net/infocore/default-source/programmanagement/implementation/specbooks/january2020/F-20-ebook.pdf?sfvrsn=752d1333_4)
  - 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 APPLICABLE FDOT MAINTENANCE SPECIFICATION 580. ONLINE REFERENCE: <https://www.fdot.com/transportation/standard-specifications/580>
  - FOR THE PORTION OF LANDSCAPE PLANT MATERIAL THAT WILL BE INSTALLED WITHIN THE FDOT RIGHT OF WAY REFER TO THE FDOT STANDARD PLANS INDEX 585-001 LANDSCAPE INSTALLATION. ONLINE REFERENCE: <https://www.fdot.com/transportation/standard-plans/index/585-001>
  - SOODED AREAS WILL BE ACCORDANCE WITH STANDARD PLANS INDEX 570-010 AND STANDARD SPECIFICATIONS SECTIONS 162, 570, 961, 982, 963, 987 OF THE DEPARTMENT'S LATEST EDITION OF GOVERNING DESIGN STANDARDS AND STANDARD SPECIFICATIONS. ALL DISTURBED AREAS WILL BE SOODED WITHIN ONE (1) WEEK OF INSTALLATION OF SAID PERMITTED WORK.
  - 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 MANAGER 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 R.O.W. REQUIREMENTS:**
- DESIGN SPEED: S.R. 842 (BROWARD BLVD.) DESIGN SPEED = 45 MPH
  - VERTICAL CLEARANCE: MIN. PLANTING VERTICAL CLEARANCE PER FDOT MAINTENANCE RATING PROGRAM:  
SIDEWALK = 8.5' VERTICAL CLEARANCE  
ROADWAY = 14.5' VERTICAL CLEARANCE

Always call 811 two full business days before you dig.

**Sunshine811.com**

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**N**

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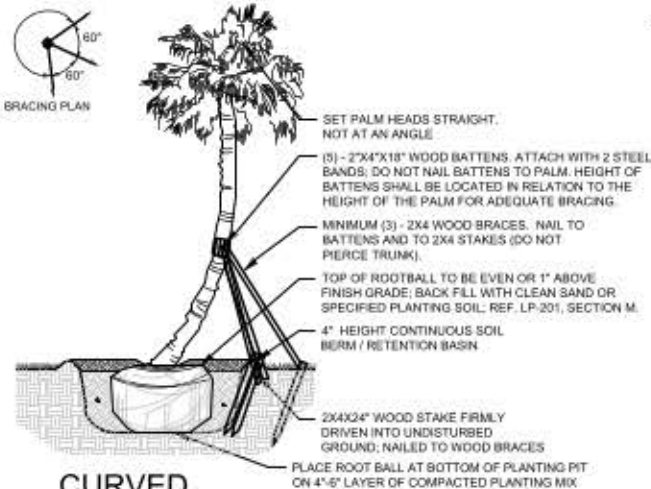
PROJECT  
**NEW POLICE HEADQUARTERS  
1300-1350 WEST BROWARD BLVD**

SHEET TITLE  
**PLANTING PLAN**

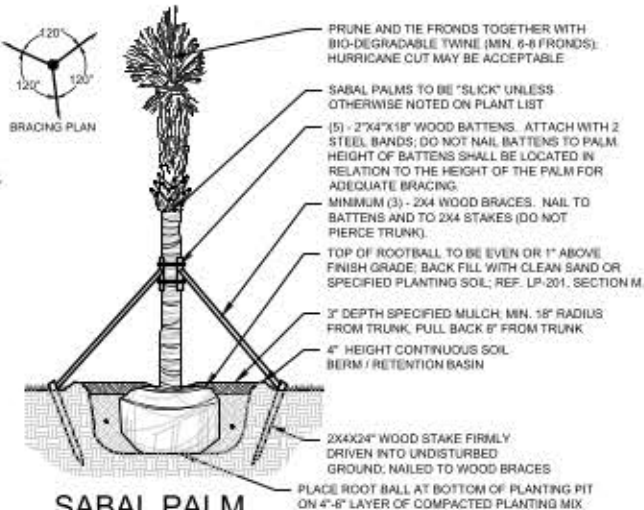
SHEET NUMBER **LP-102**  
PROJECT NUMBER **11112.00**  
CAM # 24-0094  
Exhibit

FDOT LANDSCAPE PERMIT

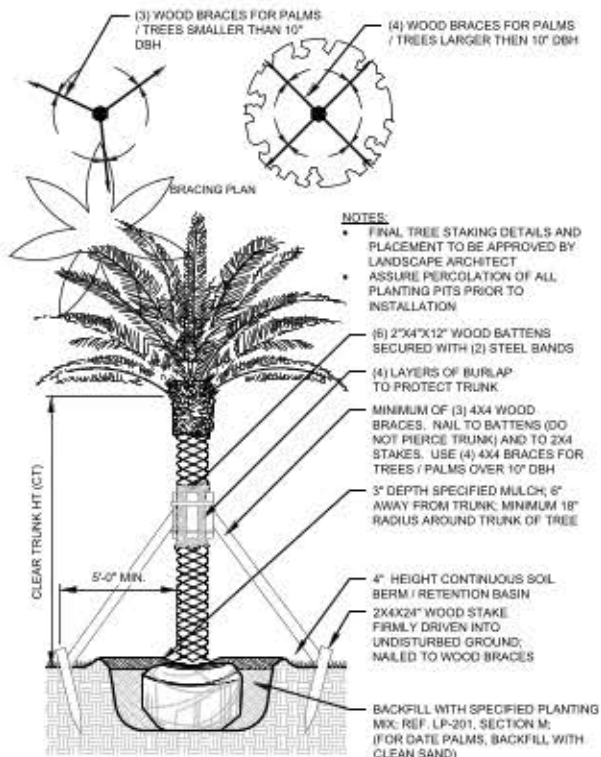
**NOTE:**  
 REF. LP-001, LANDSCAPE NOTES, FOR ADDITIONAL REQUIREMENTS  
 ROOT BALL SIZE FOR ALL TREES AND PALMS TO BE IN PROPORTION TO SIZE AND TYPE OF PALM PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.



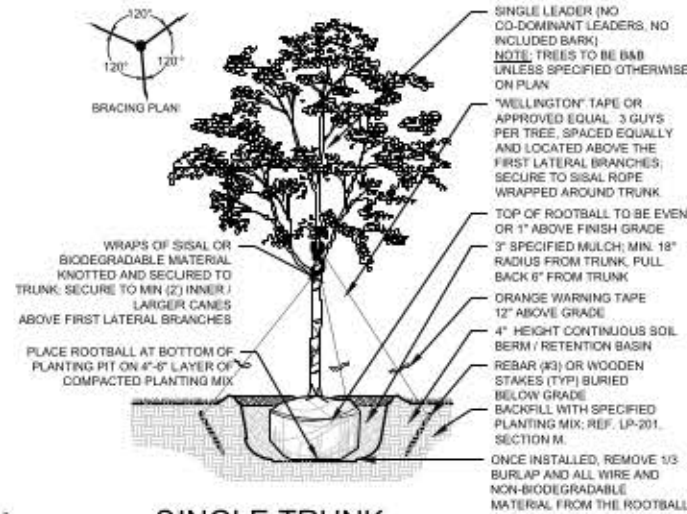
**09** SECTION NOT TO SCALE  
**CURVED SABAL PALM PLANTING DETAIL**



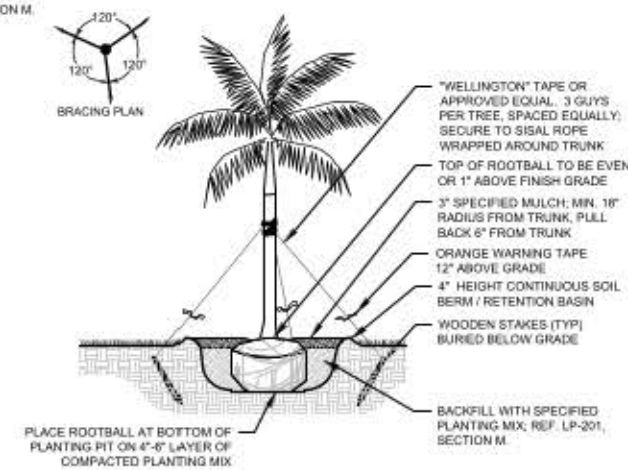
**08** SECTION NOT TO SCALE  
**SABAL PALM PLANTING DETAIL**



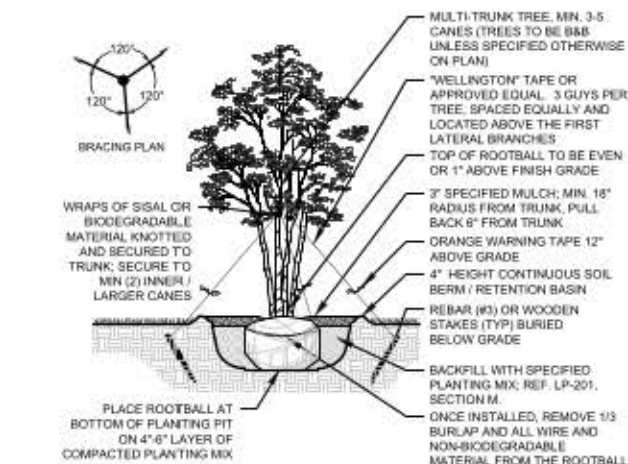
**07** SECTION NOT TO SCALE  
**LARGE TREE PALM PLANTING DETAIL**



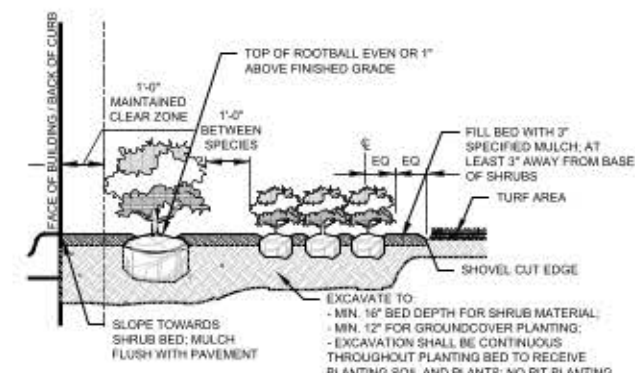
**06** SECTION NOT TO SCALE  
**SINGLE TRUNK TREE PLANTING DETAIL**



**05** SECTION NOT TO SCALE  
**SMALL / MEDIUM TREE PALM PLANTING DETAIL**

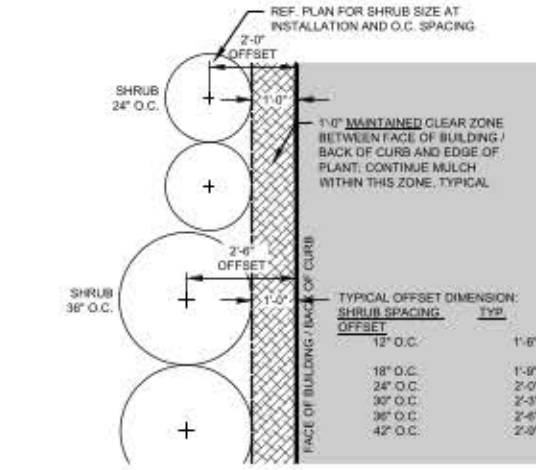


**04** SECTION NOT TO SCALE  
**MULTI-TRUNK TREE PLANTING DETAIL**

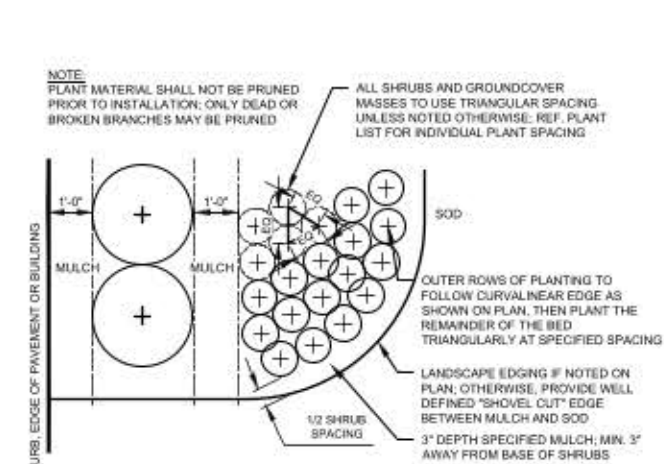


**NOTE:**  
 PLANT MATERIAL SHALL NOT BE PRUNED PRIOR TO INSTALLATION. AFTER PLANTS HAVE BEEN INSTALLED, EACH PLANT SHALL BE PRUNED FOR UNIFORMITY OR AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.  
 CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING BEDS PRIOR TO INSTALLATION.

**03** SECTION NOT TO SCALE  
**SHRUB AND GROUND COVER PLANTING**



**02** PLAN NOT TO SCALE  
**TYPICAL SHRUB OFFSET AT BUILDING / CURB**



**01** PLAN NOT TO SCALE  
**SHRUB AND GROUND COVER PLANTING**



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 FLORIDA REG. NO. LA666804  
 (FOR THE FIRM)

CLIENT  
**CITY OF FORT LAUDERDALE**

PROJECT  
**NEW POLICE HEADQUARTERS 1300-1350 WEST BROWARD BLVD**

SHEET TITLE  
**PLANTING DETAILS**

SHEET NUMBER  
**LP-501**

PROJECT NUMBER  
**11112.00**

NOTE:  
 REF. LP-001, LANDSCAPE NOTES, FOR ADDITIONAL REQUIREMENTS.  
 ROOT BALL SIZE FOR ALL TREES AND PALMS TO BE IN PROPORTION TO SIZE AND TYPE OF PALM PER FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS.

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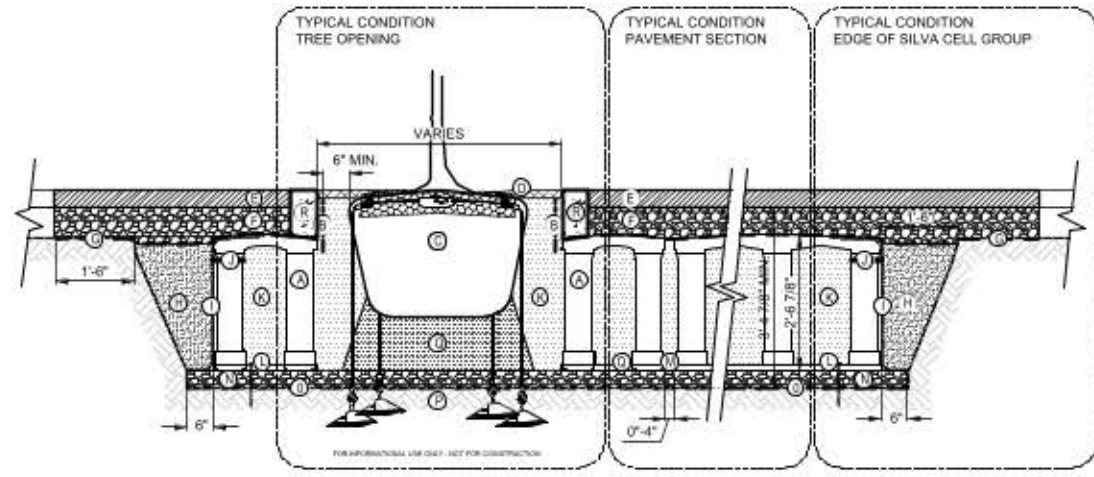
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PROJECT  
**NEW POLICE HEADQUARTERS  
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SHEET TITLE  
**PLANTING DETAILS**

SHEET NUMBER **LP-502**  
 PROJECT NUMBER **11112.00**



- KEY PLAN:**
- ① SILVA CELL SYSTEM (DECK, BASE, AND POSTS)
  - ② DEEPROOT UB12-2 ROOT BARRIER. INSTALL DIRECTLY ADJACENT TO CONCRETE EDGE RESTRAINT
  - ③ TREE ROOT BALL, SIZE VARIES
  - ④ MULCH OR ADDAPAVE, PER PROJECT, PLACED IN TREE OPENING
  - ⑤ PAVEMENT, PER PROJECT
  - ⑥ 6" MIN. AGGREGATE BASE COURSE
  - ⑦ GEOTEXTILE TO EDGE OF EXCAVATION
  - ⑧ BACKFILL, TO WITHIN 4'-6" BELOW TOP OF SILVA CELL DECKS. INSTALL IN 8" LIFTS, EACH COMPACTED TO 95% PROCTOR
  - ⑨ GEOGRID TO LINE PERIMETER OF SYSTEM WITH 6" TOE (OUTWARD FROM BASE) AND 12" EXCESS (OVER TOP OF DECK)
  - ⑩ 3/16" X 14" ZIP TIES, SECURING GEOGRID TO SILVA CELLS
  - ⑪ PLANTING SOIL. INSTALL IN 12" LIFTS, EACH COMPACTED TO 70%-80% PROCTOR
  - ⑫ SILVA CELL BASE SLOPE, 5% MAX.
  - ⑬ 0'-4" SPACING BETWEEN SILVA CELLS AT BASE
  - ⑭ 4" MIN. AGGREGATE SUB BASE, COMPACTED TO 95% PROCTOR
  - ⑮ GEOTEXTILE FABRIC, PLACED BELOW AGGREGATE SUB BASE
  - ⑯ SUBGRADE, COMPACTED TO 95% PROCTOR
  - ⑰ PLANTING SOIL BELOW TREE ROOT BALL, COMPACTED TO 85-90% PROCTOR
  - ⑱ CONCRETE EDGE RESTRAINT BETWEEN AGGREGATE BASE COURSE AND TREE OPENING
- NOTES:**
- 1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATION.
  - 2. DO NOT SCALE DRAWINGS
  - 3. PROVIDE SUPPLEMENTAL IRRIGATION FOR SEASONAL DROUGHT SUPPORT OF TREES & SOIL.

**01 SOIL CELLS / SUSPENDED PAVING SYSTEM (PEDESTRIAN APPLICATION)**

NOT TO SCALE

FDOT LANDSCAPE PERMIT

Plotted by: Johnson On Wednesday, September 23, 2023 9:45:38 AM



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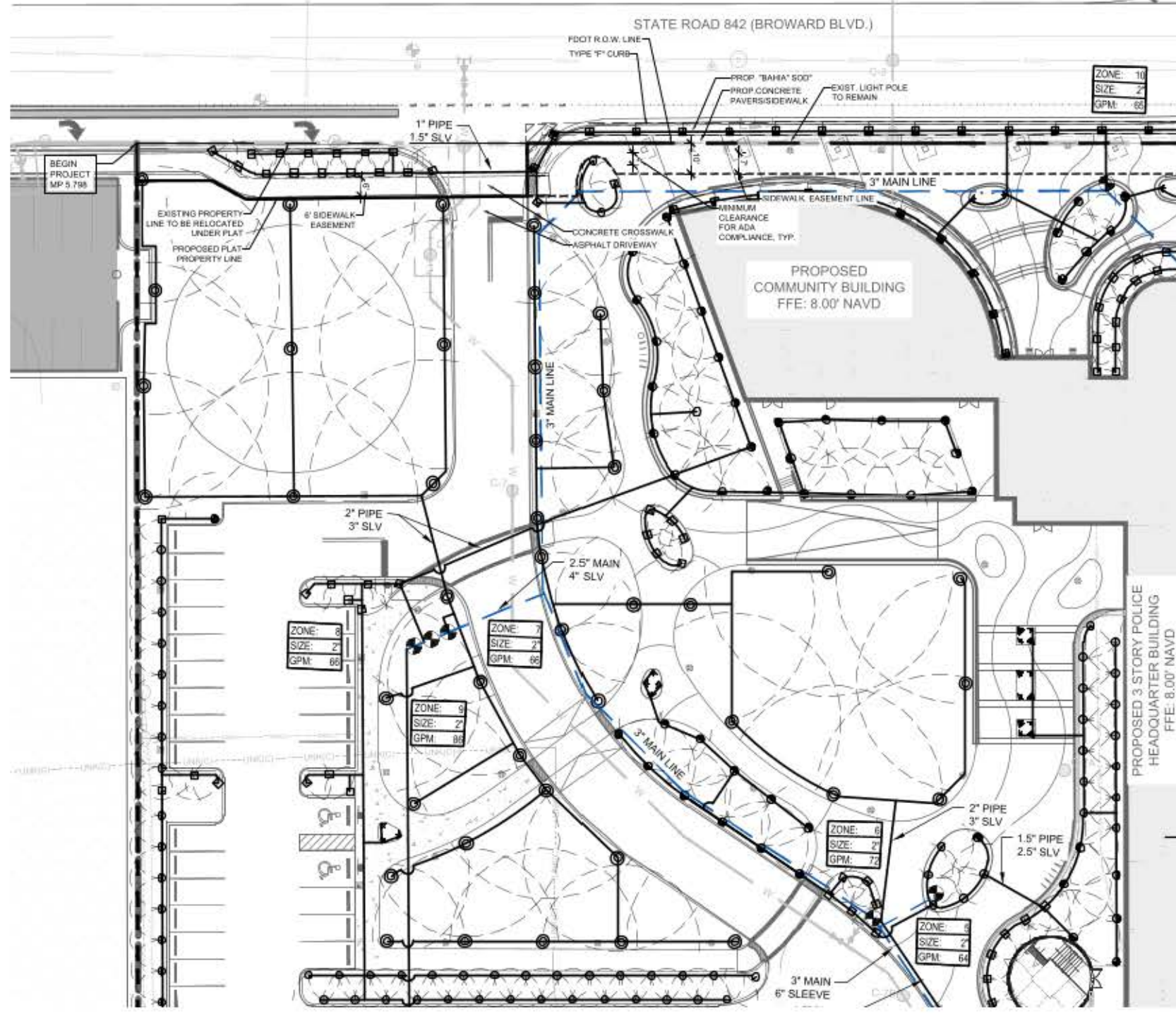
CLIENT  
**CITY OF FORT  
LAUDERDALE**

PROJECT  
**NEW POLICE  
HEADQUARTERS  
1300-1350 WEST  
BROWARD BLVD**

SHEET TITLE  
**IRRIGATION  
PLAN**

SHEET NUMBER  
**LI-101**

PROJECT NUMBER  
**11112.00**  
CAM # 24-0094



SYMBOL	DESCRIPTION
	HUNTER POP UP ROTOR HEADS
	HUNTER MULTI-STREAM ROTOR HEADS
	HUNTER SPRAY NOZZLES: 15' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 12' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 10' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 8' RADIUS, WITH PRO SPRAY BODY
	HUNTER SIDE SPRAY: SS530, WITH PRO SPRAY BODY
	HUNTER END SPRAY: ES515, WITH PRO SPRAY BODY
	TUBULAR DRIPLINE SYSTEM EQUAL TO HCL-CV BY HUNTER
	HUNTER MULTI-STREAM BUBBLERS: NSBN SERIES
	HUNTER BUBBLERS: PCN SERIES
	ZONE VALVE: ELECTRONIC, EQUAL TO IRRITROL, SIZE PER PLAN, 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 40 PVS FITTINGS THRUST BLOCKS AT STRESS POINTS, SITE PER PLAN
	LATERAL PIPING: PVC CLASS 200 PVC FITTINGS AND GLUE JOINTS, PER SPECIFICATIONS

- FOOT 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.

**NOTES:**

- ALL SOG AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
- A RAIN SENSOR MUST BE INSTALLED TO OVER-RIDE THE CONTROLLER.
- BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND PALMS.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND IRRIGATION SPECIFICATION ATTACHED TO THIS PLAN. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
- INVESTIGATE TO DETERMINE AND VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION.
- REFER TO SHEET LI-501 FOR ADDITIONAL IRRIGATION SPECIFICATIONS AND DETAILS.
- NOZZLE SELECTION BASED ON COVERAGE REQUIREMENTS.

Always call 888 two full business days before you dig.

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

**GRAPHIC SCALE**  
0 20 40  
SCALE = 1" = 20'

NOTE: PRINTED DRAWING SIZE MAY HAVE CHANGED FROM ORIGINAL. VERIFY SCALE USING BAR SCALE ABOVE.

**MATCH LINE: REF. SHEET LP-102**

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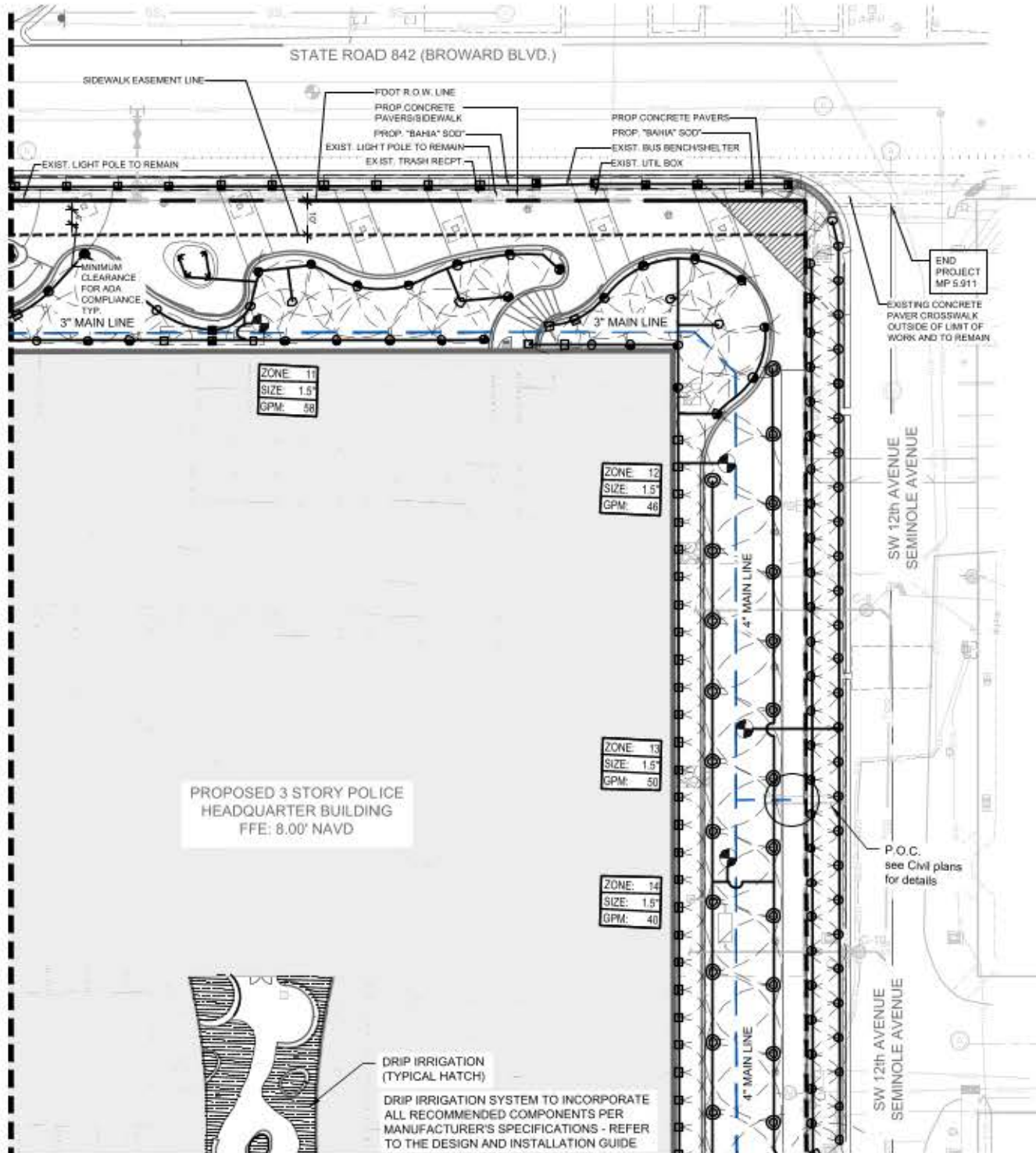
SHEET TITLE  
**IRRIGATION PLAN**

SHEET NUMBER **LI-102**

PROJECT NUMBER **11112.00**

CAM # 24-0094

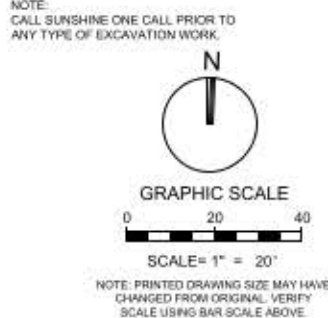
Exhibit



MATCH LINE: REF. SHEET P-101

SYMBOL	DESCRIPTION
	HUNTER PGP 6" POP-UP ROTOR HEADS
	HUNTER 40 POP-UP ROTOR HEADS
	HUNTER SPRAY NOZZLES: 15' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 12' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 10' RADIUS, WITH PRO SPRAY BODY
	HUNTER SPRAY NOZZLES: 8' RADIUS, WITH PRO SPRAY BODY
	HUNTER SIDE SPRAY: S5530, WITH PRO SPRAY BODY
	HUNTER END SPRAY: E5515, WITH PRO SPRAY BODY
	TUBULAR DRIPLINE SYSTEM (EQUAL TO HCL-CV BY HUNTER)
	HUNTER MULTI-STREAM BUBBLERS: MSBN SERIES
	HUNTER BUBBLERS: PCN SERIES
	ZONE VALVE: ELECTRONIC, EQUAL TO IRRITROL, SIZE PER PLAN, IN AMETEX OR CARSON 12"X18" VALVE BOX
	AMETEX BRASS GATE VALVE, SAME SIZE AS MAINLINE, IN 8" 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 40 PVS FITTINGS THRUST BLOCKS AT STRESS POINTS, SITE PER PLAN
	LATERAL PIPING: PVC CLASS 200 PVC FITTINGS AND GLUE JOINTS, PER SPECIFICATIONS

- NOTES:
- ALL SOD AND LANDSCAPE TO RECEIVE 100% COVERAGE WITH 100% OVERLAP FROM AN AUTOMATIC IRRIGATION SYSTEM USING AN APPROVED WATER SOURCE.
  - A RAIN SENSOR MUST BE INSTALLED TO OVERTHROW THE CONTROLLER.
  - BUBBLERS TO BE PROVIDED FOR NEW AND RELOCATED TREES AND PALMS.
  - CONTRACTOR IS RESPONSIBLE FOR ALL CONDITIONS AND IRRIGATION SPECIFICATION ATTACHED TO THIS PLAN. PLAN AND SPECIFICATIONS SHALL BE CONSIDERED CONTRACT DOCUMENTS.
  - INVESTIGATE TO DETERMINE AND VERIFY THE LOCATION OF UNDERGROUND UTILITIES BEFORE EXCAVATION.
  - REFER TO SHEET LI-501 FOR ADDITIONAL IRRIGATION SPECIFICATIONS AND DETAILS.
  - NOZZLE SELECTION BASED ON COVERAGE REQUIREMENTS.



- 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.

Drawing name: S:\11112.00 - City of Fort Lauderdale New Police Headquarters - AEC\0818 Landscape AEC\0818 Landscape\AEC\FDOT\Permit\11112.00-LI-102\_FDOT.dwg  
 Plotted by: Johnson On Wednesday, September 23, 2023 9:40:38 AM  
 FDOT LANDSCAPE PERMIT

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 PLANS PRIOR TO OBTAINING PERMITS FROM ALL AGENCIES HAVING JURISDICTION OVER THE PROJECT WILL FALL SOLELY UPON THE USER.

ISSUE DATE:	06/12/23
DESIGNED BY:	SL, MP
DRAWN BY:	SL, GM
CHECKED BY:	PW, MP, KS
<b>BID-CONTRACT:</b>	

PAUL H. WEINBERG, R.L.A.  
 FLORIDA REG. NO. LA666804  
 (FOR THE FIRM)

**CLIENT**  
 CITY OF FORT LAUDERDALE

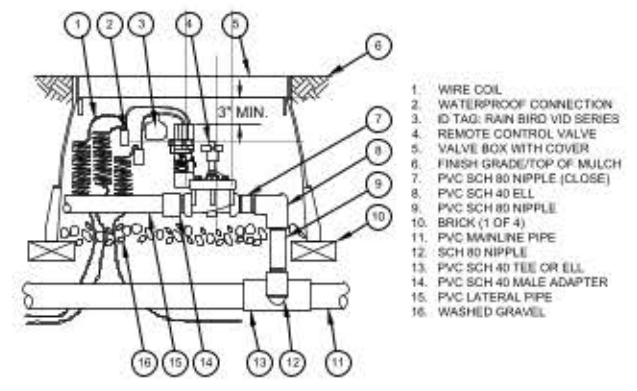
**PROJECT**  
 NEW POLICE HEADQUARTERS  
 1300-1350 WEST BROWARD BLVD

**SHEET TITLE**  
 IRRIGATION DETAILS

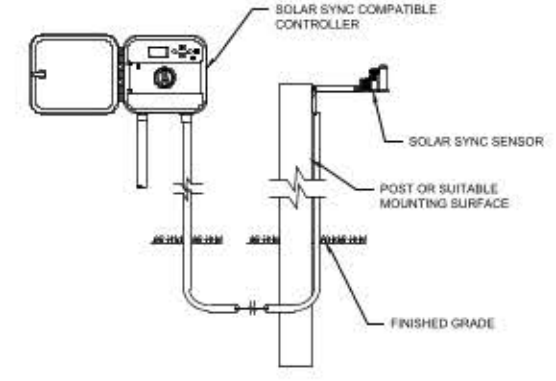
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**PROJECT NUMBER** 11112.00

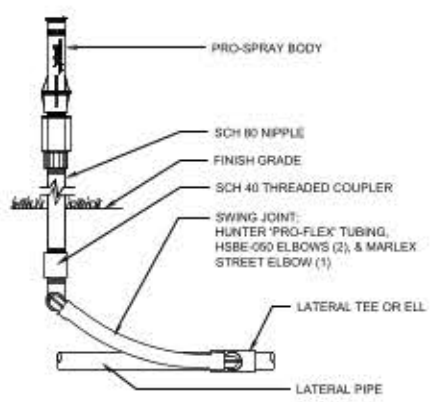
FDOT LANDSCAPE PERMIT 11112.00 - 191-00004



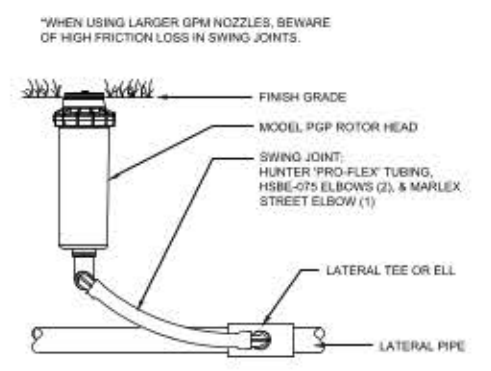
**06 ELECTRIC ZONE VALVE/BOX**  
 PLAN NOT TO SCALE



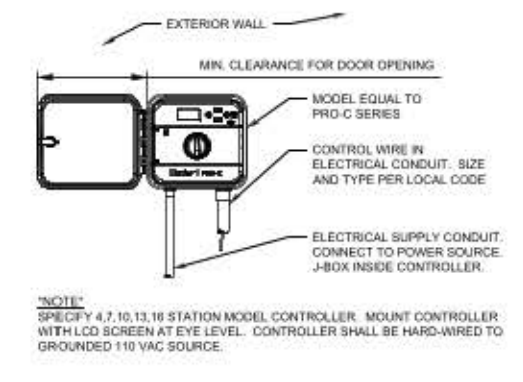
**03 SOLAR SYNC W/WALL MOUNT CONTROLLER**  
 SECTION NOT TO SCALE



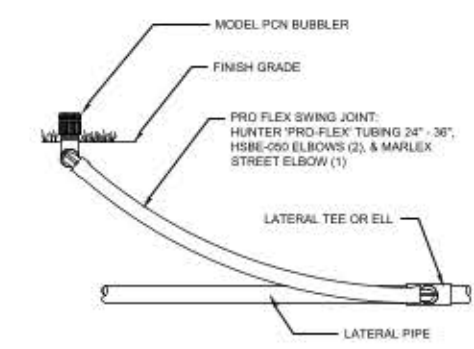
**08 HUNTER IRRIGATION DETAIL SPRAY HEAD ON RISER**  
 SECTION NOT TO SCALE



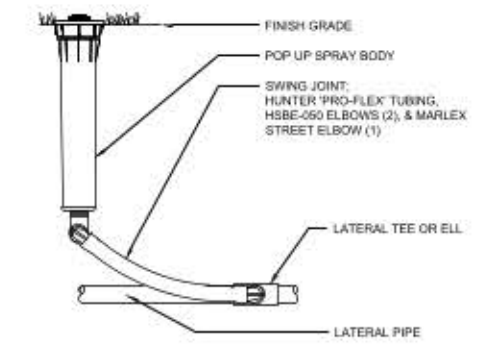
**05 HUNTER IRRIGATION DETAIL PGP ROTOR HEAD**  
 SECTION NOT TO SCALE



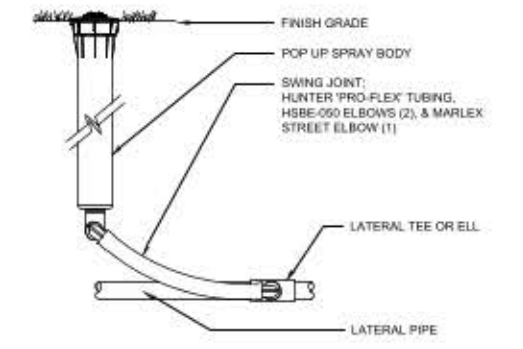
**02 HUNTER IRRIGATION DETAIL PROC-C CONTROLLER**  
 SECTION NOT TO SCALE



**07 HUNTER IRRIGATION DETAIL PCN BUBBLER**  
 SECTION NOT TO SCALE



**04 HUNTER IRRIGATION DETAIL 6 inch POP-UP SPRAY HEAD**  
 SECTION NOT TO SCALE



**01 HUNTER IRRIGATION DETAIL 12 inch POP-UP SPRAY HEAD**  
 SECTION NOT TO SCALE

- LANDSCAPING NOTES**
- 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.
  - 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.
  - 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.
  - VALVE LOCATIONS ARE SCHEMATIC ONLY AND WILL BE ADJUSTED FOR SITE CONDITIONS. EACH VALVE SHALL BE INSTALLED IN A AMETEK OR CARBON VALVE BOX. THE FLOW ADJUSTMENT FEATURE WILL BE USED TO BALANCE PRESSURE THROUGHOUT THE SYSTEM.
  - PIPING SHALL BE SIZED TO MINIMIZE FRICTION LOSS AND MAINTAIN FLOW VELOCITY BELOW 5 FPS.
  - 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.
  - ALL HEADS ON RISERS SHALL BE SET AT THE HEIGHT OF ADJACENT PLANT MATERIAL.
  - SPRINKLER LOCATIONS ADJACENT TO PAVEMENT, STRUCTURES, FENCES, ETC. SHALL BE OFFSET AS FOLLOWS: 12" MIN FOR POP-UP MIST HEADS, 18" FOR SHRUB RISERS, 18" FOR ROTOR HEADS, AND TYPICALLY 5 FEET FOR ROTORS ALONG UNCURBED ROADWAYS.
  - 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.
  - CONTROL WIRES 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 SPICE KITS AND CONTAINED IN VALVE BOXES. TWO EXTRA CONTROL WIRES SHALL BE INSTALLED TO THE FURTHEST VALVES IN EACH DIRECTION FROM THE CONTROLLER.
  - 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.
  - ALL GLUE JOINTS SHALL BE CLEANED, SANDED, AND TREATED WITH A COLORED HIGH ETCH PRIMER AND JOINED USING A SOLVENT CONFORMING WITH ASTM D2564.
  - SYSTEM PIPE SIZE 3/4" SHALL BE CLASS 200 PVC; SYSTEM PIPE SIZE 1" OR GREATER SHALL BE CLASS 160 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.
  - 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.
  - IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 100% OVERLAP MIN. PROVIDE BUBBLERS FOR ALL NEW AND RELOCATED TREES AND PALMS.
  - RUST CONTROL SYSTEM TO BE INSTALLED WITH PUMP STATION (IF FROM WELL).
  - THE IRRIGATION SYSTEM IN THE RIGHT-OF-WAY IS TO INCORPORATE LOW TRAJECTORY SPRAY HEADS TO MINIMIZE OVERSPRAY.
  - AS BUILT DRAWINGS SHALL BE PREPARED BY THE CONTRACTOR AND GIVEN TO THE OWNER PRIOR TO FINAL ACCEPTANCE. E SHALL BE LEFT IN A NEAT AND PRESENTABLE CONDITION SATISFACTORY TO THE OWNER PRIOR TO SUBMITTAL OF THE FINAL PAYMENT.

FDOT LANDSCAPE PERMIT 11112.00 - 191-00004

**SECTION: 86006000**  
**PERMIT: 2023-L-491-00004**  
**COUNTY: Broward**  
**STATE RD: 842**

**EXHIBIT C**

**MAINTENANCE PLAN FOR LANDSCAPE IMPROVEMENTS**

This Exhibit forms an integral part of the DISTRICT FOUR (4) LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.

*Please see attached*

# MAINTENANCE PLAN

## Landscape Improvements

**Project State Road No(s):** State Road 842 from (M.P. 5.798) to Seminole Ave (M.P. 5.911)  
**Permit or FM No(s):** 2023-L-491-00004  
**RLA of Record:** Paul Weinberg  
**Maintaining Agency:** City of Fort Lauderdale  
**Date:** July 21, 2023

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*The purpose of a plan for the landscape improvements maintenance practices is to allow the plant material on your project to thrive in a safe and vigorous manner while fulfilling their intended purpose and conserving our natural resources. Plantings and all other landscape improvements within FDOT right of way shall be maintained to avoid potential roadway hazards and to provide required clear visibility, accessibility, clearance, and setbacks as set forth by Florida Department of Transportation (FDOT) governing standards and specifications: FDOT Standard Plans, FDOT Plans Design Manual and FDOT Standard Specifications for Road and Bridge Construction, as amended by contract documents, and all other requirements set forth by the District 4 Operations Maintenance Engineer.*

*Part I of the Maintenance Plan describes general maintenance requirements and recommendations that are standard for all projects. Part II provides recommendations prepared by the Registered Landscape Architect of Record specific to the attached approved plans.*

### **PART I. GENERAL MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS:**

#### **WATERING REQUIREMENTS**

Watering is a critical concern for not only the maintenance of healthy plant material but also for observing water conservation practices. The amount of water to apply at any one time varies with the weather, drainage conditions and water holding capacity of the soil. For plant materials that have been established, it is imperative that any mandated water restrictions be fully conformed to on FDOT roadways.

Proper watering techniques should provide even and thorough water dispersal to wet the entire root zone, but not saturate the soil or over-spray onto travel lanes.

#### **IRRIGATION SYSTEM**

The Agency shall ensure there are no roadway overspray or irrigation activities during daytime hours (most notably "rush hour" traffic periods). It is imperative the irrigation controller is properly set to run early enough that the watering process will be entirely completed before high traffic periods, while adhering to mandated water restrictions. To ensure water conservation, the Agency shall monitor the system for water leaks and the rain sensors to ensure they are functioning properly so that the system shuts down when there is sufficient rainfall.

#### **MULCHING**

Mulch planting beds to prevent weed growth, retain moisture to the plants, protect against soil erosion and nutrient loss, maintain a more uniform soil temperature, and improve the appearance of the planting beds. Do not mound mulch against the trunks of trees, palms, and the base of shrubs to allow air movement which aids in lowering disease susceptibility. Cypress mulch is prohibited on state right of way.

## **INTEGRATED PLANT MANAGEMENT**

An assessment of each planting area's soil is recommended to periodically determine the nutrient levels needed to sustain healthy, vigorous plant growth.

Palms, shrubs, trees, and turf areas shall be fertilized in such a manner and frequency to ensure that the plant material remains healthy and vigorously growing. Please be alert to changes in fertilization types per University of Florida, Institute of Food and Agricultural Services (I.F.A.S.) recommendations. Establishment of an integrated pest management program is encouraged to ensure healthy plants, which are free of disease and pests.

## **PRUNING**

All pruning, and the associated safety criteria, shall be performed according to American National Standard Institute (ANSI) A300 standards and shall be supervised by an International Society of Arboriculture (ISA) Certified Arborist. Pruning shall be carried out with the health and natural growth of plant materials in mind, to achieve the FDOT requirements for maintaining clear visibility for motorists, and provide vertical clearance for pedestrian, bicyclist, and truck traffic where applicable. Visibility windows must be maintained free of view obstructions, and all trees and palms must be maintained to prevent potential roadway and pedestrian hazards. All palms are to be kept fruit free. The understory plant materials selected for use within the restricted planting areas (Limits of Clear Sight) are to be mature height in compliance with the *FDM Window Detail*. Vertical clear zones for vegetation heights over roadways and sidewalks must meet the requirements of the *FDOT Maintenance Rating Program (MRP)* standards. See Reference pages. The R.L.A. of Record will provide the specific pruning heights for mature or maintained height and spread of all plant material to achieve the design intent shall be noted in Part II., Specific Project Site Maintenance Requirements and Recommendations.

## **STAKING AND GUYING**

All staking materials are to be removed after one year or as directed by the RLA of Record.). Any subsequent staking and guying activities by the Agency must adhere to *FDOT Standard Plans* guidelines (See Index 580-001). The Agency shall closely monitor staking and guying attachment materials so that they are securely fastened to avoid potential roadway hazards.

## **TURF MOWING**

All grassed areas are to be mowed and trimmed with sufficient frequency to maintain a deep, healthy root system while providing a neat and clean appearance to the urban landscape. All turf efforts, mowing, curb/sidewalk edging and turf condition, must at a minimum, meet *FDOT Maintenance Rating Program (MRP)*.

## **LITTER CONTROL**

The project site shall remain as litter free as practicable. It is recommended to recycle this litter to avoid unnecessary waste by its reuse. Litter removal efforts must meet *FDOT Maintenance Rating Program (MRP)* standards.

## **WEEDING/HERBICIDE**

All planting areas shall be maintained as weed free as practicable by enlisting integrated pest management practices in areas specified on the plans and maintaining proper mulch levels. Extreme care is recommended when using a chemical herbicide to avoid overspray onto plant materials. It is the applicator's responsibility to restore any damage resulting from overspray to the plantings, per the approved plans.

## **PLANT REPLACEMENT**

Plant replacement shall be the same species and specification as the approved plan. Move and replace all plant materials that may conflict with utility relocations and service. Only plants graded Florida #1 or better, per the *Florida Department of Agriculture and Consumer Services, Grades and Standards for Nursery Plants* are permitted on FDOT roadways. Should it become necessary to change the species, a permit is required from FDOT for approval by the FDOT District Landscape Architect.

## **TREE CELL STRUCTURES**

Underground tree cells shall be maintained in such a manner as to prolong the life of the structure and prevent potential safety hazards. If the structures fail or become damaged, they shall be replaced with the same type and specification as the approved plan.

## **LANDSCAPE ACCENT LIGHTING**

Landscape accent lighting shall be maintained in such a manner as to prolong the life of the lighting fixture and prevent potential safety hazards. If the lighting fixtures and their system become damaged, they shall be replaced with the same type and specification as the approved plan. Landscape lighting shall meet requirements for the sea turtle nesting and hatching.

## **HARDSCAPE (SPECIALTY SURFACING)**

All tree grates and specialty surfacing (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the surfacing and tree grates. Final surface tolerance from grade elevations shall, at a minimum, meet the most current FDOT Maintenance Rating Program Handbook for a sidewalk; ADA accessible sidewalk; and FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on The State Highway System. If the specialty surfacing or tree grates become damaged, they shall be replaced with the same type and specification as the approved plan.

## **HARDSCAPE (CONCRETE PAVERS)**

All concrete pavers (if applicable) shall be maintained in such a manner as to prevent any potential tripping hazards and protect damage to the pavers. Final surface tolerance from grade elevations shall, at a minimum, meet the most current *Interlocking Concrete Pavement Institute (ICPI), Guide Specifications for Pavers on an Aggregate Base, Section 23 14 13 Interlocking Concrete Pavers, Part 3.05*. If the concrete pavers become damaged, they shall be replaced with the same type and specification as the approved plan.

It shall be the responsibility of the AGENCY to maintain all signs located within a non-standard surfacing area. Such maintenance to be provided by the AGENCY shall include repair and replacement of the sign panel, post, and base.

## **HARDSCAPE (NON-STANDARD TRAVELED WAY SURFACING)**

It shall be the responsibility of the AGENCY to restore an unacceptable ride condition of the roadway, including asphalt pavement (if applicable), caused, or contributed by the installation or failure of non-standard surfacing, and/or the header curb, on the Department of Transportation right of way within the limits of this Agreement. Pavement restoration areas or "patches" will have a minimum length of 10-ft, measured from the edge of the header curb, and a width to cover full lanes for each lane affected by the restoration.

Pavement restoration will be performed in accordance with the most current edition of the *FDOT Standard Specifications for Road and Bridge Construction*, and the *FDOT Design Standards for Design, Construction, Maintenance and Utility Operations on the State Highway System*.

### **SITE FURNISHINGS**

Site furnishing such as Trash Receptacles, Benches, Bollards and Bicycle Racks shall be maintained in such a manner as to prolong the life of the fixture and prevent potential safety hazards. If the fixtures and their overall function and mounting systems become damaged, they shall be replaced with the same type and specification as the approved plan.

### **MAINTENANCE OF TRAFFIC CONTROL**

Reference the FDOT website regarding the selection of the proper traffic control requirements to be provided during routine maintenance and / or new installations of this DOT roadway.

### **VEGETATION MANAGEMENT AT OUTDOOR ADVERTISING (ODA) (IF APPLICABLE)**

To avoid conflicts with permitted outdoor advertising, please reference the State of Florida website regarding the vegetation management of outdoor advertising. This website provides a portal to search the FDOT Outdoor Advertising Inventory Management System Database. The database contains an inventory of outdoor advertising structures, permits and other related information maintained by the Department.

Also, reference the *Florida Highway Beautification Program* website link for *Vegetation Management at ODA signs* Florida Statutes and Florida Administrative Code related to vegetation management at outdoor advertising sign, permit applications for vegetation management and determining mitigation value of roadside vegetation.



**PART II.**  
**SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS**

1. All canopy trees are intended to be maintained at mature height and spread.
2. Remove suckering growth from base and clear trunk areas on single trunked trees on a quarterly basis.
3. To maintain the intended appearance of palms, apply a specialized palm fertilizer per manufactures specified rate.
4. All Palms shall only have dead fronds removed, do not remove any green fronds.
5. Groundcover and shrubs lateral growth shall be maintained to prevent foliage from growing beyond the limits of the planting areas shown on the plan. Also, maintain a 6" setback from foliage to the back of curb, pavement, and/or sidewalk.
6. Groundcovers and shrubs shall be maintained at the following vertical heights:
  - *Pennisetum setaceum* (White Fountain Grass) – at mature height - do not trim.
7. Inspect monthly to always maintain full ground coverage for shrubs and sod.
8. To maintain the aesthetic appearance and safety of the concrete pavers they shall be cleaned on a twice-yearly basis to prevent mold, dirt, oil, and gum build up. Concrete pavers shall be inspected on a monthly basis for the aesthetic appearance and safety conditions and address any issues occurring by repairing or replacing in those specific locations.
9. Inspect the irrigation system performance on a monthly basis to ensure the system's pressure is providing adequate coverage and clean or replace any irrigation nozzles that are not properly functioning.
10. Evaluate plant material on a monthly basis for pests and diseases. If required, follow the integrated pest management program established by the Agency to ensure healthy plants.

## **REFERENCES (4-27-20)**

*This reference list is provided as a courtesy. The list may not contain the most current websites. The most current references must be accessed for up-to-date information.*

Accessible Sidewalk (ADA) <http://www.access-board.gov/guidelines-and-standards/streets-sidewalks>

Americans with Disabilities Act (ADA) (ADAAG) [http://www.ada.gov/2010ADASTandards\\_index.htm](http://www.ada.gov/2010ADASTandards_index.htm)

American National Standard Institute, *ANSI A300, (Part 1) for Tree Care Operations – Trees, Shrub, and Other Woody Plant Maintenance – Standard Practices (Pruning)*, available for purchase  
<http://webstore.ansi.org>

Florida Department of Agriculture and Consumer Services, Division of Plant Industry, *Florida Grades and Standards for Nursery Plants 2015* <http://www.freshfromflorida.com/Divisions-Offices/Plant-Industry/Bureaus-and-Services/Bureau-of-Plant-and-Apary-Inspection>

Florida Department of Community Affairs (DCA), *Florida Board of Building Codes & Standards, 2017 Florida Building Code, Chapter 11 Florida Accessibility Code for Building Construction Part A*  
[http://www.floridabuilding.org/fbc/workgroups/Accessibility\\_Code\\_Workgroup/Documentation/CHAPTER\\_11\\_w\\_fla\\_specifics.htm](http://www.floridabuilding.org/fbc/workgroups/Accessibility_Code_Workgroup/Documentation/CHAPTER_11_w_fla_specifics.htm)

Florida Department of Transportation, *Program Management, Maintenance Specifications Workbook Supplemental Specifications, Section 580 Landscape Installation*  
<http://www.fdot.gov/programmanagement/Maintenance/2019Jan/default.shtm>

Florida Department of Transportation, *FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index 580-001 Landscape Installation*  
<http://www.fdot.gov/design/standardplans/current/IDX/580-001.pdf>

Florida Department of Transportation, *FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System, Chapter 212.11 Clear Sight Triangles*  
<http://www.fdot.gov/roadway/FDM/current/2018FDM212Intersections.pdf>

Florida Department of Transportation, *FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System, Chapter 215.2.3 Clear Zone Criteria and 215.2.4 Lateral Offset, Table 215.2.1 Clear Zone Width Requirements, Table 215.2.2 Lateral Offset Criteria (for Trees)*  
<http://www.fdot.gov/roadway/FDM/current/2018FDM215RoadsideSafety.pdf>

Florida Department of Transportation, *FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Index Series 102-600 Traffic Control through Work Zones* <http://www.fdot.gov/design/standardplans/current/IDX/102-600.pdf>

Department of Transportation, Landscape Architecture Website [www.MyFloridaBeautiful.com](http://www.MyFloridaBeautiful.com)

Florida Department of Transportation, *Maintenance Rating Program Handbook*  
<http://www.dot.state.fl.us/statemaintenanceoffice/MaintRatingProgram.shtm>

Florida Department of Transportation Outdoor Advertising Database  
<http://www2.dot.state.fl.us/rightofway/>

Florida Exotic Pest Plant Council Invasive Plant Lists <http://www.fleppc.org/list/list.htm>

Florida Irrigation Society <http://www.fisstate.org>

Florida Power and Light (FPL), *Plant the Right Tree in the Right Place*  
[http://www.fpl.com/residential/trees/right\\_tree\\_right\\_place.shtml](http://www.fpl.com/residential/trees/right_tree_right_place.shtml)

**SECTION: 86006000**  
**PERMIT: 2023-L-491-00004**  
**COUNTY: Broward**  
**STATE RD: 842**

**EXHIBIT D**

**RESOLUTION**

This Exhibit forms an integral part of the DISTRICT FOUR (4) HARDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the State of Florida, Department of Transportation and the AGENCY.

*Please see attached*

*(To be provided by City)*