

COUNTY: BROWARD  
SECTION: 86050000  
STATE RD: A1A (SE 17<sup>th</sup> Street)  
PERMIT: 2024-L-491-00011

**AMENDMENT NUMBER TWENTY- ONE (21) TO  
FLORIDA DEPARTMENT OF TRANSPORTATION DISTRICT FOUR (4)  
LANDSCAPE INCLUSIVE MAINTENANCE MEMORANDUM OF AGREEMENT**

**THIS AMENDMENT** Number Twenty (21) to the Agreement dated January 31, 2008, was made and entered into this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_ by and between the **DEPARTMENT OF TRANSPORTATION**, a component agency of the State of Florida, hereinafter called the **DEPARTMENT**, and the **CITY OF FORT LAUDERDALE**, a municipal corporation of the State of Florida, hereinafter called the **AGENCY**.

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

**WHEREAS**, the parties entered into the Landscape Inclusive Maintenance Memorandum of Agreement ("Original Agreement") dated January 31, 2008 for the purpose of the AGENCY maintaining landscape and hardscape improvements on **State Road A1A (SE 17<sup>th</sup> Street)**; and,

**WHEREAS**, the DEPARTMENT and the AGENCY agree to amend the Original Agreement for the purpose of adding additional landscape improvements ("Additional Improvements") to be installed by permit on **State Road A1A** in accordance with the above referenced Original Agreement; and,

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

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

1. Pursuant to section one (1) of Amendment Eleven (11) to the Original Agreement, the AGENCY has agreed to allow an Adjacent Property Owner to construct Additional Improvements or to modify an improvement located as indicated in **Exhibit "A"** on SR A1A from **M.P. 1.233 to M.P. 1.492**.
2. The Additional Improvements shall be installed according to the plans attached to this Amendment as **Exhibit "B"** and incorporated into the Original Agreement.
3. The AGENCY agrees to maintain the Additional Improvements in accordance with Part I of **Exhibit "C"** Maintenance Plan for Landscape Improvements, of the Original Agreement, and in compliance with:

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

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## LIST OF EXHIBITS

Exhibit A - Maintenance Limits  
Exhibit B - Landscape Improvement Plans  
Exhibit C – Resolution

## MAINTENANCE PLAN Landscape Improvements

Project State Road No(s): SE 17<sup>th</sup> Street / SR A1A from (M.P. 1.233) to (M.P. 1.492)  
Permit or FM No(s): FDOT Permit 2024-L-491-00011  
RLA of Record: Jeffrey Suiter  
Maintaining Agency: City of Fort Lauderdale  
Date: December 18, 2024

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## PART II.

### SPECIFIC PROJECT SITE MAINTENANCE REQUIREMENTS AND RECOMMENDATIONS

1. Canopy Trees are intended to be maintained at mature height and spread. (Referred to in Part I)  
  
Pruning for clear sight window and vertical clear zone pruning requirements.)
  - *Conocarpus erectus* (Green Buttonwood) to be maintained at 8' min. clear trunk.
  - *Brachychiton acerifolius* (Flame Tree) to be maintained at 8' min. clear trunk.
  - *Caesalpinia granadillo* (Bridal Veil Tree) to be maintained at 8' min. clear trunk.
  - *Jacaranda mimosifolia* (Jacaranda) to be maintained at 8' min. clear trunk.
  - *Peltophorum dubium* (Yellow Poinciana) to be maintained at 8' min. clear trunk.
2. Remove suckering growth from base and clear trunk areas for single and multi-trunked trees on an annual basis, Green Buttonwood, Bridal Veil, Flame Tree, Jacaranda, and Yellow Poinciana on a as needed to maintain clear site.
3. To maintain the intended appearance of all shrubs or turf grass, apply the latest fertilizer recommended by the University of Florida IFAS Extension per the manufacturer's specifications on a schedule adhering to city ordinances.
4. Groundcover and shrub horizontal growth shall be maintained to prevent foliage from growing beyond the limits of the planting areas shown on the plan. Maintain a clean edge 1 – 2" offset at the edge of curb, pavement, sidewalk and/or other hardscape improvements.

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5. Maintain the vertical height and spread of:

- *Clusia rosea* trimmed to maintain visibility and shaped to a standard shrub form with a clear 4' trunk. Height not to exceed 8'. Spread not to exceed 5'.
- *Guaiacum sanctum* trimmed to maintain visibility and shaped to a standard shrub form with a clear 4' trunk. Height not to exceed 8'. Spread not to exceed 5'.
- *Myrcianthes fragrans* trimmed to maintain visibility and shaped to a standard shrub form with a clear 4' trunk. Height not to exceed 8'. Spread not to exceed 5'.
- *Tabebuia bahamensis* trimmed to maintain visibility and shaped to a standard shrub form with a clear 4' trunk. Height not to exceed 8'. Spread not to exceed 5'.
- *Rhapis excelsa* to its natural form and growth pattern. Height not to exceed 72". Spread not to exceed 60".
- *Serenoa repens* 'silver' to its natural form and growth pattern. Height not to exceed 36" and spread not to exceed 24".
- *Strelitzia nicolai* to its natural form and growth pattern. Height not to exceed 60". spread not to exceed 48".
- *Ficus macrocarpa* 'green island' to its natural form full to ground. Height not to exceed 24".
- *Hymenocallis latifolia* to its natural form full to ground. Height not to exceed 18".
- *Liriope muscari* to its natural form and growth pattern. Height not to exceed 18".
- *Nephrolepis exaltata* to its natural form and growth pattern. Height not to exceed 15".
- *Zamia pumila* to its natural form and growth pattern. Height not to exceed 24".

6. Inspect groundcovers and shrubs on a quarterly basis for maintaining full ground coverage.

7. Evaluate plant material monthly for pests, diseases, drought stress or general decline. If required, follow the integrated pest management program established by the Agency to ensure healthy plants.

8. Inspect the irrigation system performance monthly to ensure the system is providing 100% coverage, does not have sections of low pressure, heads and valves are clean and clear of debris and any damaged irrigation components (i.e., spray nozzles, spray heads, valve boxes, etc.) are repaired or replaced.

COUNTY: BROWARD  
SECTION: 86180000  
STATE ROAD: A1A  
PERMIT: 2024-L-491-00011

### **REFERENCES (Sept. 2024)**

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

#### **Accessible Sidewalk (ADA)**

- Accessible Sidewalks and Street Crossings <https://fdotwww.blob.core.windows.net>
- Sidewalks and Trails <https://www.fdot.gov/roadway/ada/sidewalksandtrails.shtm>
- ADA Standards for Accessible Design <https://www.ada.gov/law-and-regs/design-standards/>

**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/> / <https://tcimag.tcia.org/training/introducing-the-newly-designed-ansi-a300-tree-care-standards/>

**Building Codes & Standards**, Florida Department of Community Affairs (DCA),  
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\\_flaspecifcs.htm](http://www.floridabuilding.org/fbc/workgroups/Accessibility_Code_Workgroup/Documentation/CHAPTER_11_w_flaspecifcs.htm)

**Florida Dept. of Agriculture and Consumer Services, Division of Plant Industry, Florida Grades and Standards for Nursery Plants 2022** <https://sfyl.ifas.ufl.edu/media/sfylifasufledu/hillsborough/docs/pdf/environmentalhort/grades-and-standards-for-nursery-plants-2022.pdf>

**FDOT Maintenance Specifications Workbook** <https://www.fdot.gov/programmanagement/maintenance>

- Section 580 Landscape Installation [https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/maintenance/fy-2024-25/spm5800000-724-i19425.pdf?sfvrsn=15564aa7\\_1](https://fdotwww.blob.core.windows.net/sitefinity/docs/default-source/programmanagement/maintenance/fy-2024-25/spm5800000-724-i19425.pdf?sfvrsn=15564aa7_1)

**FDOT Standard Plans for Design, Construction, Maintenance and Utility Operations on the State Highway System, Standard Plans - FY 2024-25** <https://www.fdot.gov/design/standardplans/current>

- Index Series 102-600 Traffic Control through Work Zones
- Index 580-001 Landscape Installation
- Index 591-001 Landscape Irrigation Sleeves

**FDOT Design Manual for Design, Construction, Maintenance and Utility Operations on the State Highway System,** <https://www.fdot.gov/roadway/fdm/default.shtm>

- Chapter 212.11 Clear Sight Triangles
- Chapter 215.2.3 Clear Zone Criteria and 215.2.4 Lateral Offset, Table 215.2.1 Clear Zone Width, Table 215.2.2 Lateral Offset Criteria (for Trees)

#### **FDOT Landscape Architecture Website**

<https://www.fdot.gov/roadway/landscape-architecture/landscape-architecture-programs>

**FDOT Maintenance Rating Program Handbook** <https://www.fdot.gov/maintenance/mainratingprogram.shtm>

**FDOT Outdoor Advertising Database** <https://www.fdot.gov/rightofway/OutdoorAdvertising.shtm/new-outdoor-advertising-site>

#### **Florida Exotic Pest Plant Council Invasive Plant Lists**

<https://www.floridainvasives.org/plant-list/2023-invasive-plant-species/>

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

**Florida Power and Light (FPL) - Right Tree, Right Place**

[http://www.fpl.com/residential/trees/right\\_tree\\_right\\_place.shtml](http://www.fpl.com/residential/trees/right_tree_right_place.shtml)



COUNTY: BROWARD  
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## EXHIBIT A

### MAINTENANCE LIMITS

#### I. INCLUSIVE LANDSCAPE MAINTENANCE AGREEMENT LIMITS FOR STATE ROAD A1A:

From State Road 5 (US 1) M.P. 0.000 (Section 86180000)  
to Flamingo Avenue (M.P. 6.410) (Section 86050000)

By Individual Sections:

Southbound One Way (Section 86050100)  
M.P. 0.0000 (Seville Street) to M.P. 0.926 (Bahia Mar Hotel Entrance)

Northbound One Way / Seabreeze Blvd / 17<sup>th</sup> Street Causeway (Section 86180000):  
M.P. 0.000 (State Road 5) (US 1) to M.P. 2.964 (State Road 842) (Las Olas Boulevard)

North Fort Lauderdale Beach Area (Section 86050000):  
M.P. 2.039 (south of Poinsettia Street) to M.P. 6.410 (Flamingo Avenue)

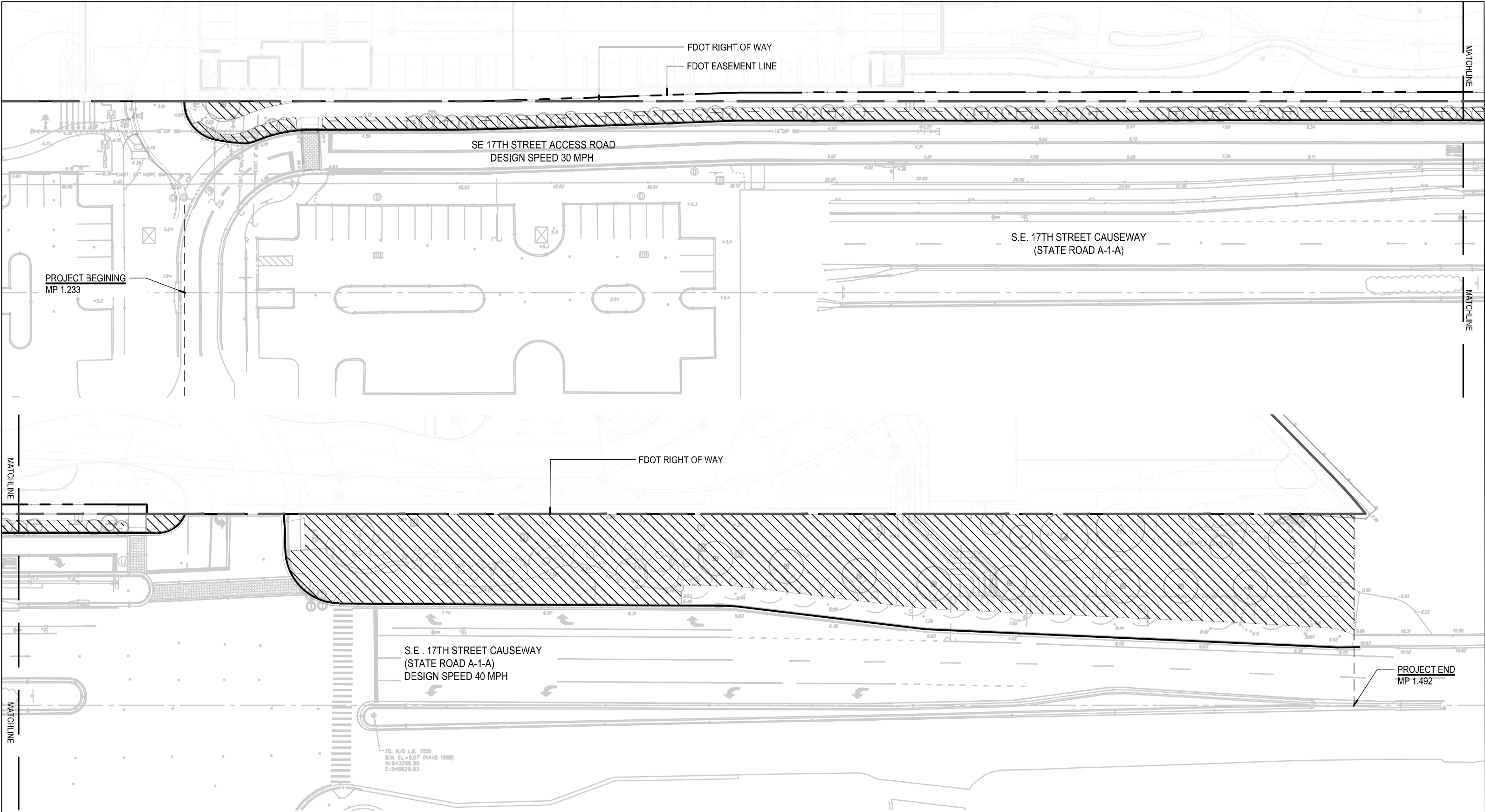
#### II. MAINTENANCE LIMITS FOR AMENDMENT #21:

Section Number 86180000 (A1A)  
State Road A1A (Ocean Boulevard) from **MP 1.233 to 1.492**

#### III. AMENDMENT #21 MAINTENANCE BOUNDARY MAP:

*Please See Attached*

\*All limits of the Original Agreement and Amendments shall apply.



LEGEND



LIMITS OF LANDSCAPE  
MAINTENANCE BY CITY OF  
FORT LAUDERDALE

LANDSCAPE IMPROVEMENTS  
MAINTENANCE BOUNDARY MAP

CITY OF FORT LAUDERDALE  
STATE ROAD S.E. 17TH STREET CAUSEWAY / STATE ROAD A1A  
FDOT PERMIT 2024-L-491-00011

CAM 25-0077  
Exhibit 1  
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NORTH

COUNTY:	BROWARD
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## **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: Jeffrey Suiter, PLA  
EDSA

Date: October 14, 2024

# PIER 66 HOTEL & MARINA

FORT LAUDERDALE, FL. 33316

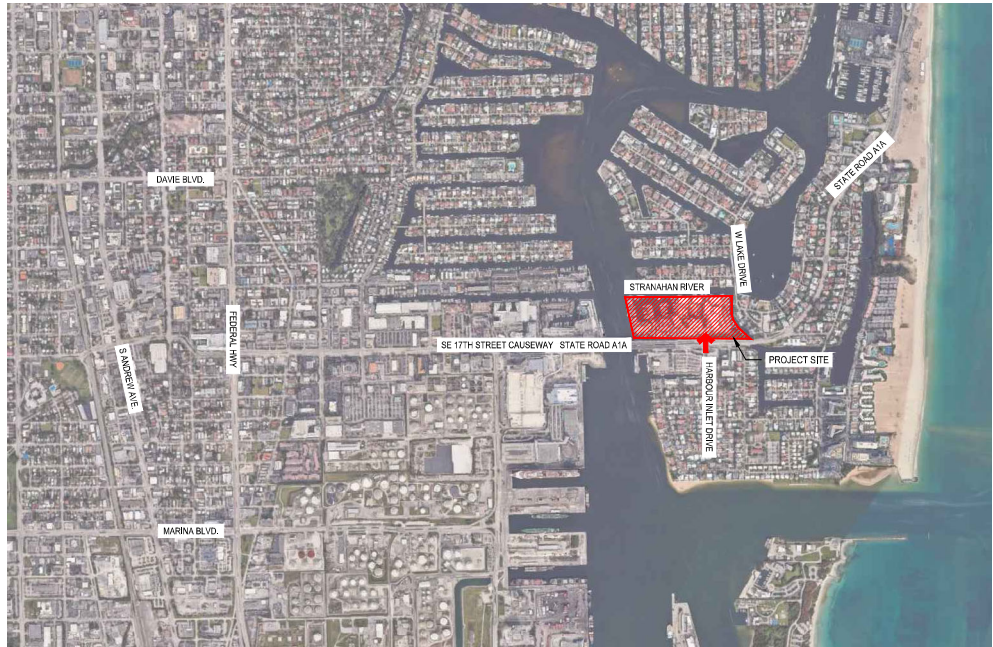
FDOT PERMIT 2024-L-491-00011

~~JULY 31, 2024~~

REVISION 2 - OCTOBER 14, 2024

2

STATE ROAD A1A  
2301 SE 17th STREET  
FORT LAUDERDALE, FL. 33316  
SR A1A DESIGN SPEED = 40 MPH AND  
17TH STREET RAMP ACCESS ROAD  
DESIGN SPEED = 30 MPH



LOCATION MAP



## SHEET INDEX

- L1.01 TREE DISPOSITION PLAN
- L1.02 TREE DISPOSITION PLAN
- L1.03 TREE DISPOSITION PLAN
- L1.04 TREE DISPOSITION LIST
- L3.00 HARDSCAPE SCHEDULE
- L3.01 SITE PLAN
- L3.02 SITE PLAN
- L3.03 SITE PLAN
- L4.01 HARDSCAPE DETAILS
- L5.00 LANDSCAPE SCHEDULE
- L5.01 PLANTING PLAN
- L5.02 PLANTING PLAN
- L5.03 PLANTING PLAN
- L6.00 LANDSCAPE NOTES
- L6.01 LANDSCAPE DETAILS
- L6.02 LANDSCAPE DETAILS

Tree Disposition removed from plan.



## CONSULTANTS

Always call 811 two full business days before you dig to have underground utilities located and marked.

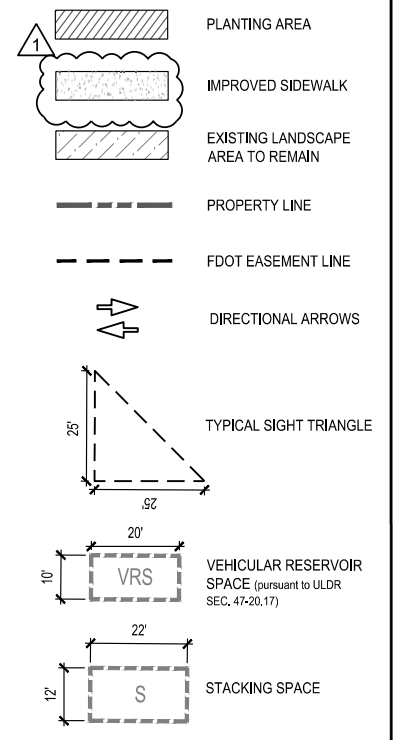
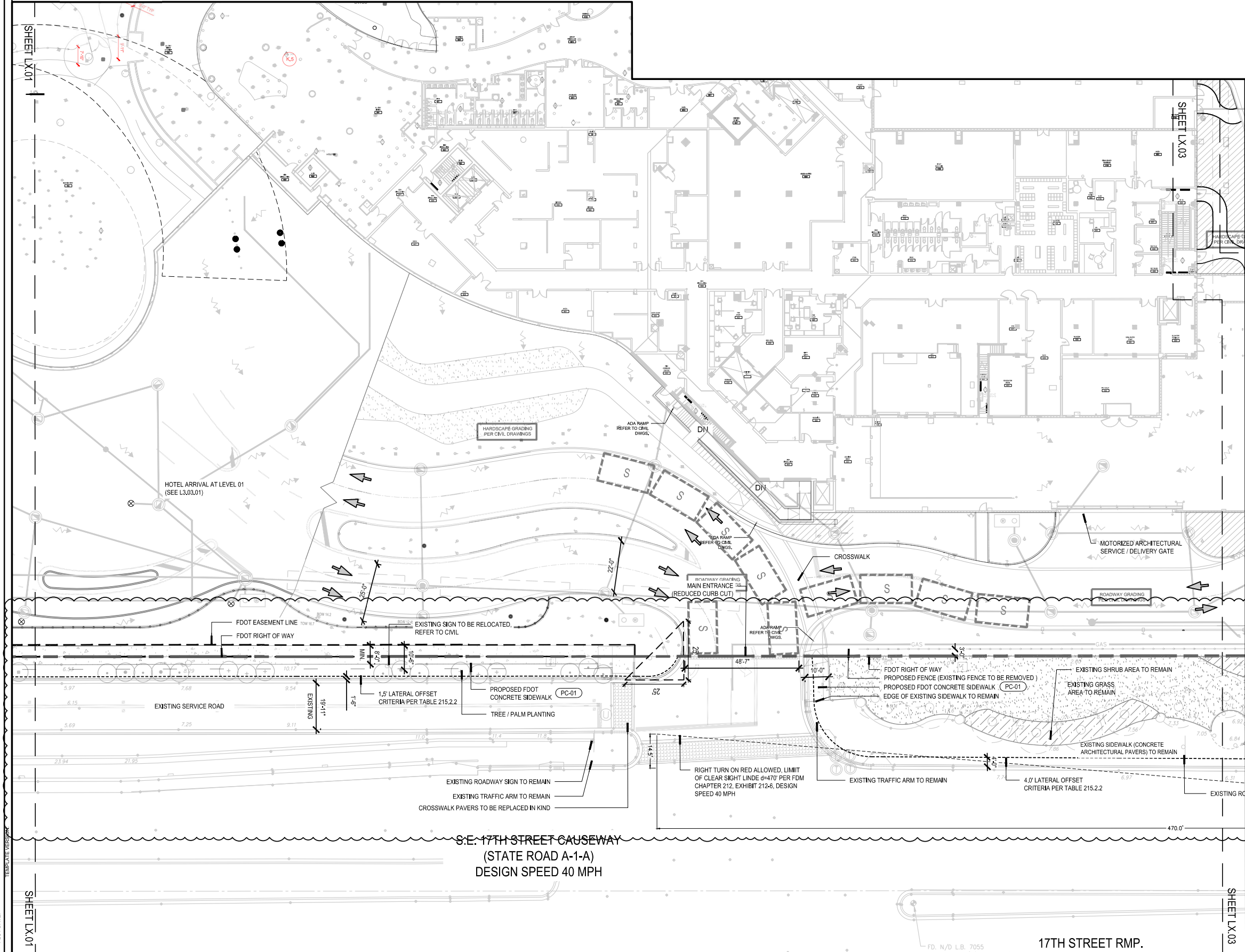


PLANNING  
LANDSCAPE ARCHITECTURE  
URBAN DESIGN

1512 E. BROWARD BOULEVARD, SUITE 110  
FORT LAUDERDALE, FLORIDA 33301 USA  
TEL: 954.524.3330 C000001



## References



**PROJECT TEAM:**

**HOTEL ARCHITECT**  
HKS ARCHITECTS, INC.  
#AA F000119  
225 EAST ROBINSON STREET, SUITE 405  
ORLANDO, FL 32801

**EXISTING TOWER ARCHITECT / HOTEL INTERIOR DESIGN**  
DAROFF DESIGN INC. + DD ARCHITECTS, PC.  
2121 MARKET STREET  
PHILADELPHIA, PA 19103

**CONDO + VILLA ARCHITECT**  
GARCIA STROMBERG | GS4 STUDIOS  
2365 VISTA PARKWAY SUITE 16  
WEST PALM BEACH, FL 33411

**RESIDENCE ARCHITECT**  
PHIL KEAN DESIGN GROUP  
912 W. FAIRBANKS AVE.  
WINTER PARK, FL 32789

**LANDSCAPE ARCHITECT**  
EDSA  
1512 EAST BROWARD BLVD., SUITE 110  
FT. LAUDERDALE, FL 33301

**CIVIL ENGINEER**  
FLYNN ENGINEERING SERVICES, PA  
241 COMMERCIAL BLVD.  
LAUDERDALE BY THE SEA, FL 33308

**MEP ENGINEER**  
EXP US SERVICES INC  
2601 WESTHALL LANE  
MAITLAND, FL 32751

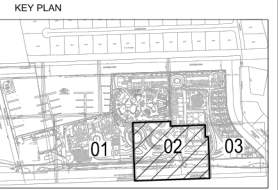
**TRANSPORTATION**  
DC ENGINEERS, INC.  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071

Always call 811 two full business days before you dig to have underground utilities located and marked.

**Sunshine 811.com**

**PROJECT:**  
**PIER SIXTY-SIX**  
HOTEL & MARINA

**OWNER**  
TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827



REVISION	NO.	DESCRIPTION	DATE
1	Response to Comments	09/12/2024	

PROJECT #  
**20960.000**

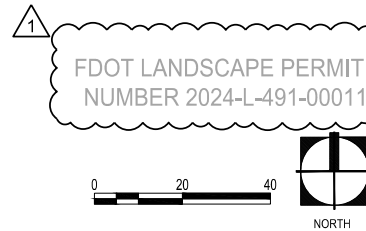
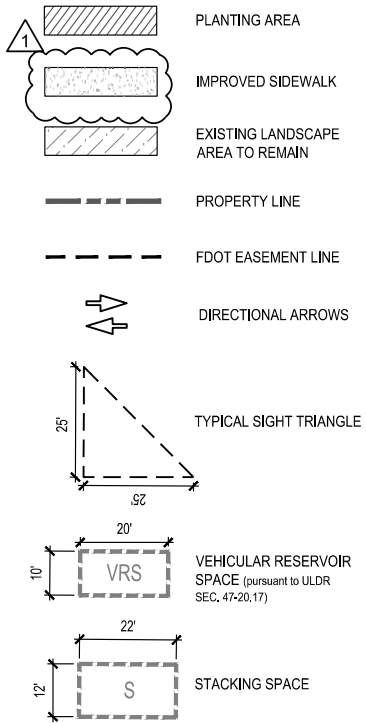
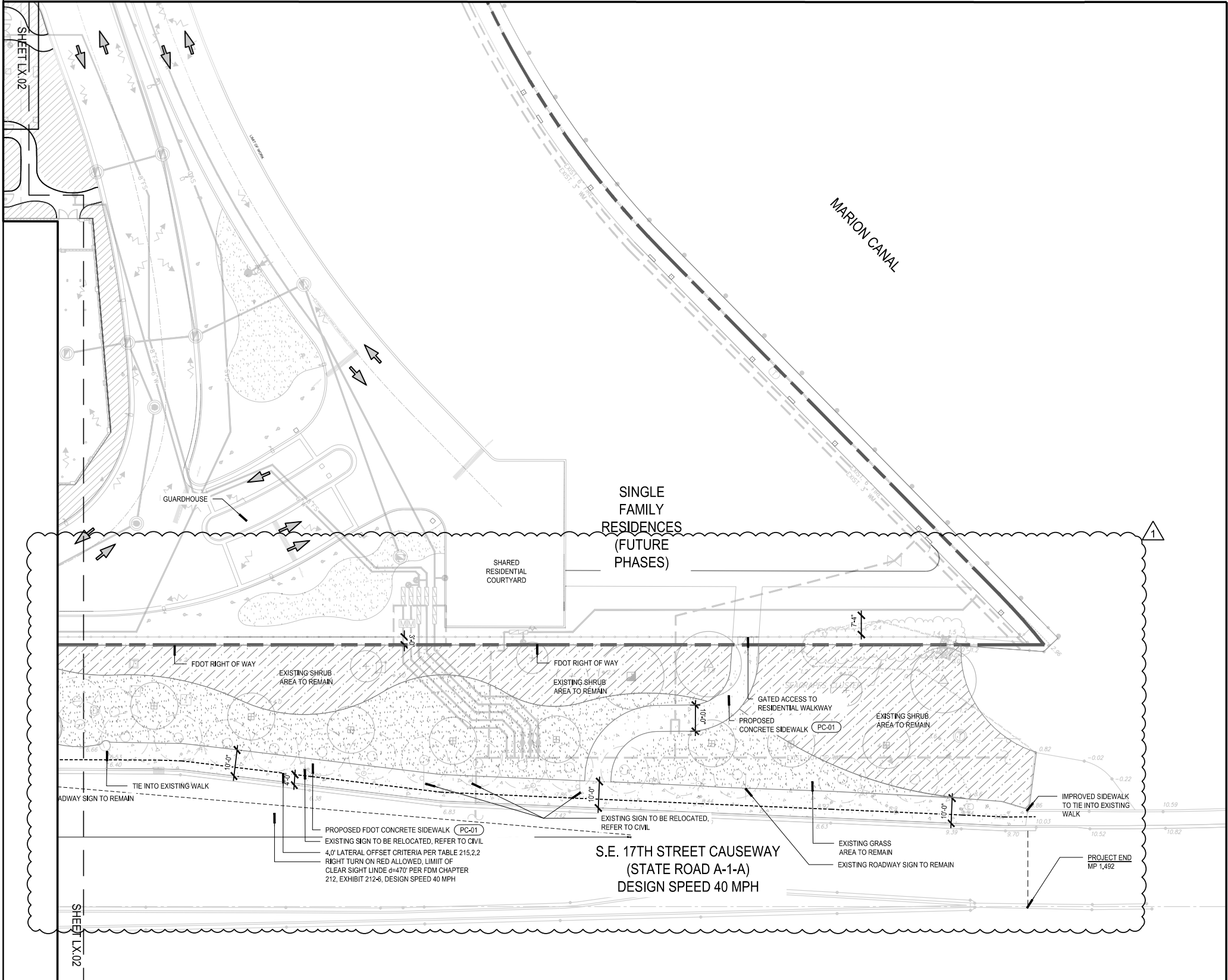
SUBMITTAL DATE  
**JULY 31, 2024**

ISSUE  
**FDOT - SUBMITTAL**

SHEET TITLE  
**SITE PLAN**

PLOT DATE:

TEMPLATE VERSION



**PROJECT TEAM:**

**HOTEL ARCHITECT**  
HKS ARCHITECTS, INC.  
#AA F000119  
225 EAST ROBINSON STREET, SUITE 405  
ORLANDO, FL 32801

**EXISTING TOWER ARCHITECT / HOTEL INTERIOR DESIGN**  
DAROFF DESIGN INC. + DD ARCHITECTS, PC.  
2121 MARKET STREET  
PHILADELPHIA, PA 19103

**CONDO + VILLA ARCHITECT**  
GARCIA STROMBERG | GS4 STUDIOS  
2365 VISTA PARKWAY SUITE 16  
WEST PALM BEACH, FL 33411

**RESIDENCE ARCHITECT**  
PHIL KEAN DESIGN GROUP  
912 W. FAIRBANKS AVE.  
WINTER PARK, FL 32789

**LANDSCAPE ARCHITECT**  
EDSA  
1512 EAST BROWARD BLVD., SUITE 110  
FT. LAUDERDALE, FL 33301

**CIVIL ENGINEER**  
FLYNN ENGINEERING SERVICES, PA  
241 COMMERCIAL BLVD.  
LAUDERDALE BY THE SEA, FL 33308

**MEP ENGINEER**  
EXP US SERVICES INC.  
2801 WESTHALL LANE  
MAITLAND, FL 32751

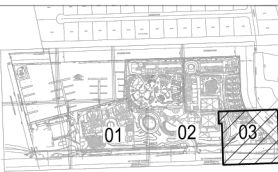
**TRANSPORTATION**  
DC ENGINEERS, INC.  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071



**PROJECT:**  
**PIER SIXTY-SIX**  
HOTEL & MARINA

**OWNER**  
TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827

KEY PLAN



REVISION NO.	DESCRIPTION	DATE
1	Response to Comments	09/12/2024

**PROJECT #**  
**20960.000**

**SUBMITTAL DATE**  
**JULY 31, 2024**

**ISSUE**  
**FDOT - SUBMITTAL**

**SHEET TITLE**  
**SITE PLAN**

CAM 25-0077  
Exhibit 1  
Page 1 of 24  
**13.03**

**HOTEL ARCHITECT**

## #AA F000119

**EXISTING TOWER ARCHITECT /  
HOTEL INTERIOR DESIGN**  
DAROFF DESIGN INC. + DOI ARCHITECTS, PC  
2121 MARKET STREET  
PHILADELPHIA, PA 19103

**CONDO + VILLA ARCHITECT**

**RESIDENCE ARCHITECT**  
PHIL KEAN DESIGN GROUP  
912 W. FAIRBANKS AVE.  
WINTER PARK, FL 32789

## LANDSCAPE ARCHITECT

**CIVIL ENGINEER**  
FLYNN ENGINEERING SERVICES, PA  
241 COMMERCIAL BLVD.  
LAUDERDALE BY THE SEA, FL 33308

## MEP ENGINEER

**TRANSPORTATION**  
DC ENIGNEERS, INC  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071

**Sunshine811.com**

**PROJECT:**

PIER SIXTY-SIX  
HOTEL & MARINA

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TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827

### KEY PLAN

[illegible]

PROJECT #

**20960,000**

SUBMITTAL DATE

**JULY 31, 2024**

ISSUE

**FDOT - SUBMITTAL**

SHEET TITLE

## HARDSCAPE DETAILS

CAM 25-0077

Exhibit 1

**14.01**



SCALE - 1"=1'-0"



PLOT DATE: TEMPLATE VERSION:

FDOT PLANTING SCHEDULE

TREES - FDOT							
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	CAL	REMARKS
BRA	4	Brachychiton acerifolius	Flame Tree		30' HT x 40" SPR	6"	8' Minimum clear trunk
CG	1	Caesalpinia granadillo	Bridal Veil Tree	100 Gal	12'-14' HT x 8" SPR	4"	Single Straight Trunk Specimen Form, 8' Minimum clear trunk
CE	8	Conocarpus erectus	Buttonwood		18'-22' HT x 6" SPR	4"-6"	Standard, 8' Minimum clear trunk
JM	1	Jacaranda mimosifolia	Jacaranda	FG/Marl Grown	14' HT x 5' SPR	3"	Standard, Single Straight Trunk, Specimen Form, 8' Minimum clear trunk
PP	2	Peltophorum dubium	Yellow Poinciana		16' HT x 8" SPR	6"	Standard, 8' Minimum clear trunk

SHRUBS STANDARD FORM - FDOT							
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONTAINER	SIZE	CAL	REMARKS
CR-3	10	Clusia rosea	Pitch Apple	Standard	8' HT x 5' SPR	2"	Standard, Single Straight Trunk, 4' C.T.
GS	9	Guaiaacum sanctum	Lignum vitae	Standard	8' HT x 5' SPR	2"	Standard, Single Straight Trunk, 4' C.T.
MF2	20	Myrcianthes fragrans	Simpson Stopper	Standard	8' HT x 5' SPR	NA	Standard, Multi-trunk,
TB	14	Tabebuia bahamensis	White tabebuia	Standard	8' HT x 5' SPR	2"	Standard, Single Straight Trunk, 4' C.T.

NOTE: TREES AND SHRUBS STANDARD FORM TO BE MAINTAINED TO MEET THE REQUIREMENTS OF THE FDOT MAINTENANCE RATING PROGRAM (MRP) STANDARDS.

SHRUBS - FDOT					
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
REX	3	Rhapis excelsa	Lady Palm	6" O.A.	per plan
SES-2	9	Serenoa repens 'Silver'	Silver Saw Palmetto	36" HT x 24" SPR	per plan
STN	15	Strelitzia nicolai	Giant Bird of Paradise	5 gal	per plan

SHRUB AREAS - FDOT					
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
FIM	700	Ficus microcarpa 'Green Island'	Ficus Green Isle	24" HT x 18" SPR	18" o.c.
HYM	488	Hymenocallis latifolia	Spider Lily	18" OA	24" o.c.
LIM	113	Liriope muscari 'Emerald Goddess'	Emerald Goddess Lily Turf	24" HT x 18" SPR	30" o.c.
NEE	70	Nephrolepis exaltata	Boston Fern	15" HT x 12" SPR	18" o.c.
ZAM	264	Zamia pumila	Coontie Cycad	24" HT x 24" SPR	24" o.c.

FDOT GENERAL NOTES

1. GOVERNING STANDARD PLANS:  
  
Florida Department of Transportation, FY 2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs) are available at the following website: <https://www.fdot.gov/design/standardplans>
2. GOVERNING STANDARD SPECTIFICATIONS:  
  
Florida Department of Transportation, FY 2024-25 Standard Specifications for Road and Bridge Construction at the following website:  
<https://www.fdot.gov/programmanagement/implemented/specbooks>
3. CONTRACTOR SHALL REPAIR ALL DAMAGE DONE TO FDOT PROPERTY DURING DEMOLITION, RELOCATION &/OR INSTALLATION ACTIVITIES AT HIS SOLE EXPENSE.
4. 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 LANDSCAPE ARCHITECT.
5. 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

1. 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: [SECTION 580 \(fdotwww.blob.core.windows.net\)](#)
2. For the portion of landscape plant material that will be installed within the FDOT Right of Way refer to the FDOT Standard Plans Index 580-001 Landscape Installation.  
  
Online Reference: [580-001.pdf \(fdotwww.blob.core.windows.net\)](#)
3. CYPRESS MULCH IS NOT PERMITTED ON FDOT RIGHT OF WAY. MULCH PERMITTED TO BE USED ARE HARDWOOD MULCH (CONTAINING NO CYPRESS PRODUCTS), RECYCLED MULCH OR APPROVED EQUAL, CERTIFIED BY THE MULCH AND SOIL COUNCIL (MSC). SUBMIT PROOF OF CERTIFICATION TO THE FDOT DISTRICT OPERATIONS PERMIT LANDSCAPE INSPECTOR UPON INSPECTION.
4. SODDED AREAS WILL BE IN ACCORDANCE WITH STANDARD PLANS INDEX 570-010 AND STANDARD SPECIFICATIONS SECTIONS 162, 570, 981, 982, 983, 987 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 SAID PERMITTED WORK.



PROJECT TEAM:

HOTEL ARCHITECT

HKS ARCHITECTS, INC.  
#AA F000119  
225 EAST ROBINSON STREET, SUITE 405  
ORLANDO, FL 32801

EXISTING TOWER ARCHITECT /

HOTEL INTERIOR DESIGN

DAROFF DESIGN INC. + DDJ ARCHITECTS, PC.  
2121 MARKET STREET  
PHILADELPHIA, PA 19103

CONDO + VILLA ARCHITECT

GARCIA STROMBERG | GS4 STUDIOS  
2365 VISTA PARKWAY SUITE 16  
WEST PALM BEACH, FL 33411

RESIDENCE ARCHITECT

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LANDSCAPE ARCHITECT

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TRANSPORTATION

DC ENGINEERS, INC.  
12743 NW 13TH COURT  
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PROJECT:

PIER SIXTY-SIX  
HOTEL & MARINA

OWNER

TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827

REVISION

NO.	DESCRIPTION	DATE
1	Response to Comments	09/12/2024
2	Response to Comments	10/14/2024

PROJECT #

20960.000

SUBMITTAL DATE

JULY 31, 2024

ISSUE

FDOT - SUBMITTAL

SHEET TITLE

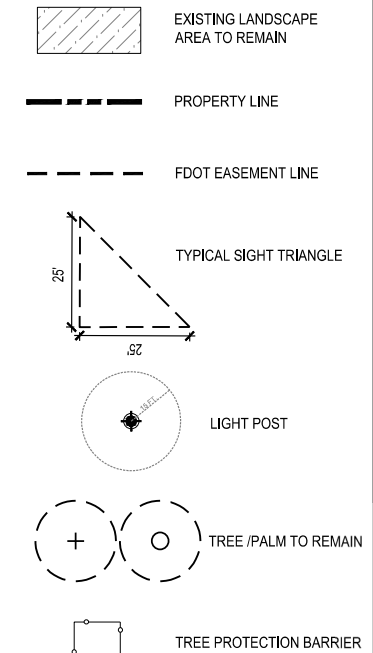
LANDSCAPE  
SCHEDULE

CAM 25-0077

Exhibit 1

Page 6 of 40

FDOT LANDSCAPE PERMIT  
NUMBER 2024-L-491-00011



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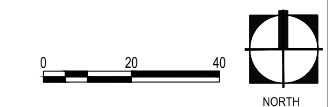
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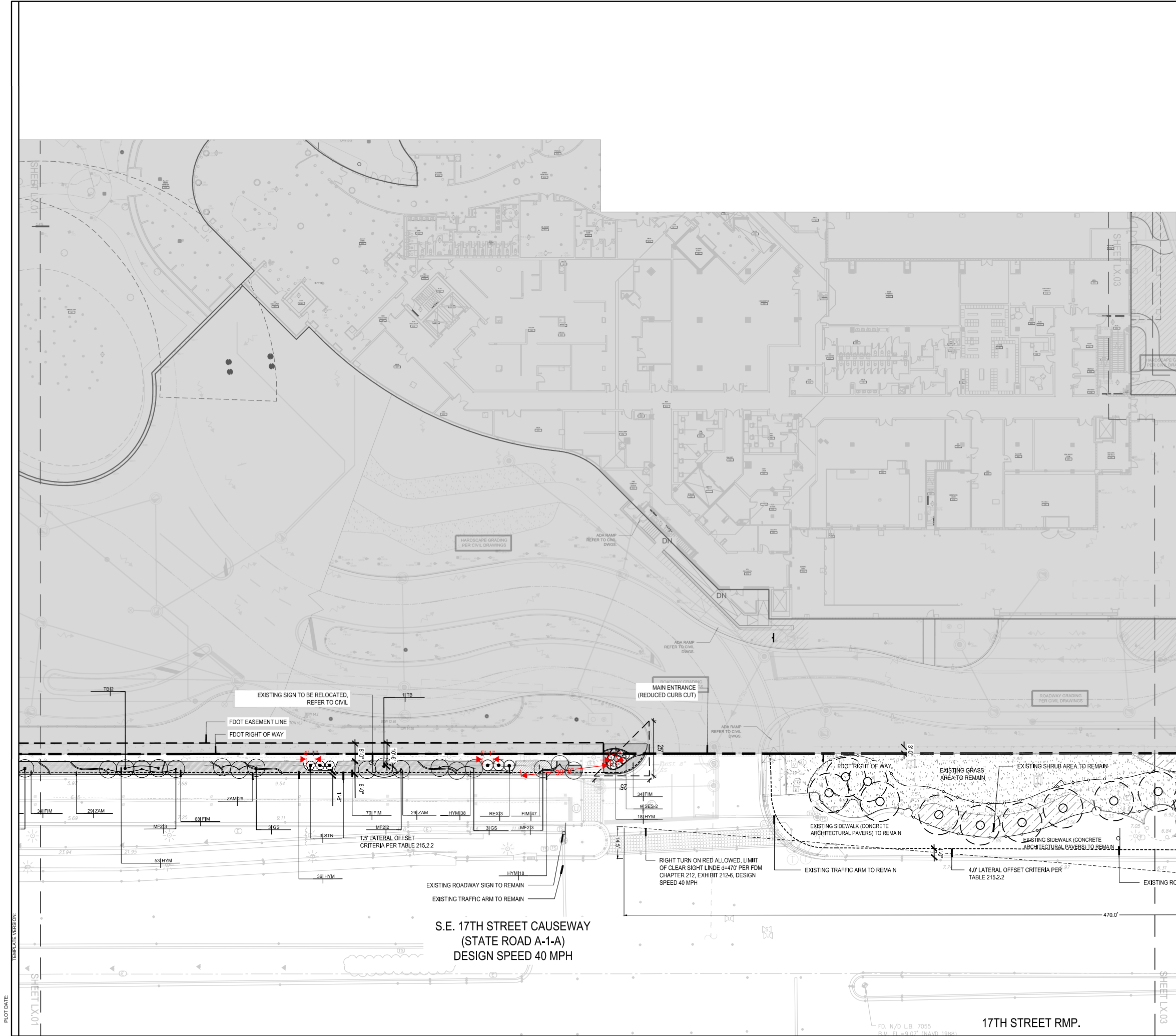
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SHEET NO. 1  
Exhibit 1  
Page 14 of 24







EXISTING LANDSCAPE AREA TO REMAIN

PROPERTY LINE

FDOT EASEMENT LINE

TYPICAL SIGHT TRIANGLE

LIGHT POST

TREE /PALM TO REMAIN

TREE PROTECTION BARRIER

**PROJECT TEAM:**

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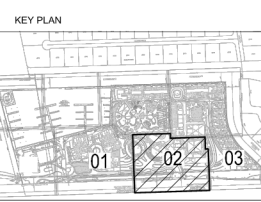
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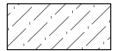
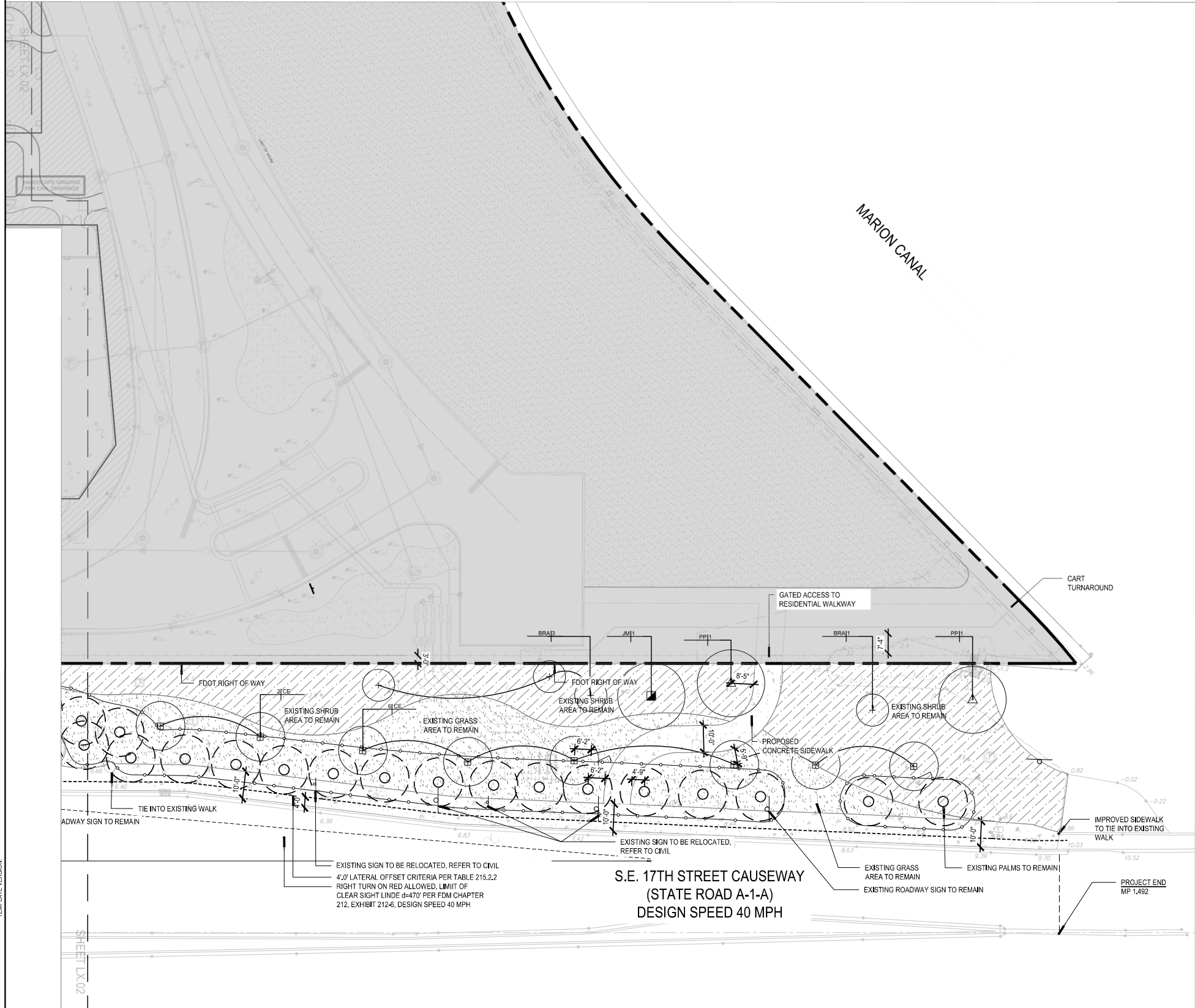
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SHEET TITLE  
**PLANTING PLAN**



PLOT DATE:

TEMPLATE VERSION



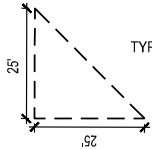
EXISTING LANDSCAPE  
AREA TO REMAIN



PROPERTY LINE



FDOT EASEMENT LINE



TYPICAL SIGHT TRIANGLE



LIGHT POST



TREE /PALM TO REMAIN



TREE PROTECTION BARRIER



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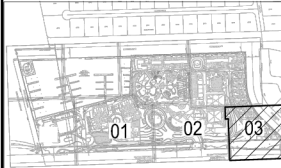
PROJECT:

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OWNER

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KEY PLAN



REVISION

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SHEET TITLE

PLANTING PLAN

CAM 25-0077

Exhibit 1

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15.03

FDOT LANDSCAPE PERMIT  
NUMBER 2024-L-491-00011

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NORTH

## LANDSCAPE GENERAL NOTES

1. All existing trees to remain and all relocated plant material shall be protected from damage or injury and shall be barricaded or otherwise suitably flagged and protected from injury.
2. The Contractor shall be responsible for verifying all underground utilities prior to digging in any area. The Contractor shall notify all necessary utility companies 48 hours minimum prior to digging for verification of all underground utilities, irrigation and all other obstructions and coordinate with Owner's Representative prior to initiating operations. Drawings are prepared according to the best information available at the time of preparing these documents.
3. The Contractor is responsible to ensure proper watering and maintenance of new and relocated materials during the warranty period.
4. Contractor is to report any discrepancies between the construction drawings and field conditions to the Owner immediately.
5. NOT INCLUDED
6. Contractor shall familiarize himself/herself with existing site conditions prior to initiating planting. All existing site furnishings, paving, landscape and other elements to remain shall be protected from any damage throughout all construction phases unless otherwise noted.
7. Landscape Contractor shall coordinate all work with related contractors and with the general construction of the project in order not to impede the progress of the work of others or the Contractor's own work. Landscape contractor shall provide schedule of his/her works two weeks in advance, beginning two weeks prior to commencing landscape trade construction.
8. Contractor shall be responsible to remove existing ground cover for all planting beds as specified prior to planting relocated material. Contractor shall be responsible to replace all portions of existing landscape and hardscape areas damaged while completing planting installation with same grass or materials species to the satisfaction of the Owner.
9. The Contractor shall bear all costs of testing of soils, amendments, etc. associated with the work and included in the specifications. Prior to commencement of the landscape planting work, the Contractor shall provide complete soil tests with recommendations for the installation area.
10. All plant material that may need to be replaced shall be in full and strict accordance to Florida No. 1 grade, according to the "Grades and Standards for Nursery Plants", published by the Florida Department of Agriculture and Consumer Services, the project manual and/or specifications. Plant material in some cases may exceed Florida No. 1 grade in order to meet the minimum requirements for the project.
11. Landscape Contractor shall field stake the location of all plant material prior to initiating installation for the review and approval of the Owner and/or Landscape Architect.
12. Landscape Contractor shall field adjust location of plant material as necessary to avoid damage to all existing underground utilities and/or existing above ground elements. All changes required shall be completed at the Contractor's expense and shall be coordinated with the Owner and the Landscape Architect.
13. Any substitutions in size and/or plant material must be approved by the Landscape Architect or Owner prior to modification of the contract, purchasing and delivery of plants. All plants will be subject to approval by Landscape Architect and/or Owner before planting can begin. All plant materials will not include any plants considered to be invasive to South Florida's native plant communities.
14. Contractor shall refer to the landscape planting details, general notes and the project manual and/or specifications for further and complete landscape planting instructions.
15. Landscape Contractor shall coordinate all planting work with permanent or temporary irrigation work. Landscape Contractor shall be responsible for all hand watering as required by Owner to supplement irrigation watering and rainfall. Landscape Contractor shall be responsible for hand watering in all planting areas, regardless of the status of existing or proposed irrigation.
16. Landscape Contractor shall clean the work areas at the end of each working day. Rubbish and debris shall be collected and deposited off-site daily. All materials, products and equipment shall be stored in an organized fashion as directed by the Owner.
17. Landscape Contractor shall regrade all areas disturbed by plant removal, relocation and/or installation work. Landscape Contractor shall replace (by equal size and quality) any and all existing plant material disturbed or damaged by plant removal, relocation, and/or installation work.
18. Site distance concerns must be maintained for clear site visibility from thirty (30) inches to seventy - two (72) inches, tree trunks excluded as specified
19. Guying / staking practices shall not permit nails, screws, wires etc. , to penetrate outer surface of tree or palm. Trees or palms rejected due to this practice shall be replaced at the Contractor's expense.
20. Burlap material, wire cages, plastic straps, etc. , must be cut and removed from top one - third (1/3) of root ball.
21. Trees grown in grow bags or grow bag type material are not allowed.
22. All planting materials shall meet or exceed Florida Grade # 1 as specified in Grades and Standards for Nursery Plants and Part II, Palms and Trees, current edition.
23. All landscape and specifications shall meet or exceed the minimum requirements as shown in the City of Ft. Lauderdale codes.
24. The Contractor shall not relocate or demolish any existing trees or palms on site before appropriate tree relocation and clearing and grubbing permits are obtained from the City
25. The Contractor shall be responsible for the guarantee of all plant material for a period of twelve (12) months from the date substantial completion. Substantial completion constitutes the beginning of guarantee period
26. All highly invasive exotic plants must be removed from the development area. The development area must also be maintained free from invasive exotic plants in perpetuity.

27. The following species of exotic plants are considered invasive and may not be used to fulfill any requirements of this division:

a. Albizia lebeck- (Woman's Tongue)

b. Bischofia javonica- (Bishopwood)

c. Cuplanopsis anacardioides- (Carrotwood)

d. Dalbergia sissoo- (Rosewood)

e. Eucalyptus camaldulensis- (Murry Red Gum)

f. Ficus Benjamina- (Benjamin Fig)

g. Ficus retusa- (Cuban Laurel)

h. Sapium sebiferum- (Chinese Tallow)

i. Syzygium cumini- (Java Plum)

j. Syzygium jambos- (Rose Apple)

k. Thespesia populnea- (Cork Tree)

l. Wedelia trilobata- (Wedelia)
28. All existing trees to remain that may impede construction shall be protected by installing protective barriers around the dripline of trees. The protective barriers shall be seen easily by operators of trucks and other equipment. Protective barriers shall be constructed of sturdy materials (not flagging or ribbons) and shall be installed prior to and maintenance throughout construction and/or land development:

a. Do not store or use materials or equipment within the dripline of any tree to be relocated on site unless the activity is being done to protect trees.

b. Do not discharge or contaminate the soil within the dripline of any tree to be relocated on site with any construction materials such as paint, oil, solvents, pet- petroleum products, asphalt, concrete, mortar, or other materials that may cause adverse impacts.

c. Clearing of vegetation within the dripline of trees designated for preservation shall only be by hand or light rubber wheeled equipment that will not damage tree roots.

d. Make no attachments, other than those of a protective and non-damaging nature, to any tree to be retained on the site.

e. Do not change the natural grade above the root system within the dripline of any tree to be retained on site unless it can be demonstrated to the County that it will not damage the tree.

f. Avoid any encroachments, excavations or severe grade changes within the dripline of preserved trees unless it can be demonstrated to the County that it will not impact any tree.
29. Plant size specifications take precedence over container size.
30. Contractor to verify quantities and report any discrepancies to Owner and/or Landscape Architect.

## PLANTING SPECIFICATIONS

1. The Contractor is responsible for maintaining, in full all planting areas (including watering, spraying, mulching, moving, fertilizing, etc.) until the job is accepted, in full, by the Owner and/or Landscape Architect.
2. All root balls shall conform to the size standards set forth in "American Standards for Nursery Stock".
3. All plant material shall be protected during transport and delivery to final location with shade cloth or other acceptable means of windburn prevention.
4. All trees must be guyed or staked as shown in the details.
5. Installation- All plant material shall be installed in a sound, workman- like manner and according to accepted good planting and tree relocation procedures with the quality of plant materials as hereinafter described. All elements of landscaping shall be installed so as to meet all applicable ordinances and code requirements.
6. There shall be no chains or cables used on trees or palms. Handle with two inch (2") minimum width nylon straps or equal.
7. Contractor shall assure drainage and percolation of all planting pits prior to installation of plant material. Contractor shall fill all tree pits with water before planting to assure that proper drainage and percolation is available. Correct if required to assure percolation. Contractor is responsible for replacement of all plants lost due to inadequate drain- age conditions.
8. Contractor to request final acceptance of project in writing. If all work is satisfactory and complete in accordance with conditions of contract documents, then the Owner and the Landscape Architect shall declare the project substantially complete.
9. Contractor to replace rejected plant material within one (1) week of written notice.
10. Contractor shall mulch all plant material throughout and completely to a three inch (3") depth of loose, weed free mulch as specified.
11. Plant Material which is not installed at the direction of the landscape architect or owner will become the property of the contractor unless it becomes relocated on site. The Contractor shall provide the owner a credit for any plant material not installed on the site.

## SOIL PREPARATION AND SOIL MIX

1. All plants noted for removal shall be removed and properly disposed of off-site at contractor's expense unless otherwise noted.
2. Apply Roundup (manufactured by Monsanto Corp. or equal) according to manufacturer's rate and specification within limits of all areas to be planted. Protect existing plants to remain from overspray or spray within root zone. Contractor to ensure total weed eradication from all areas to be planted.
3. Before replacing topsoil, rake subsoil surface clear of stones (1" diameter and larger), debris, rubbish, and remaining roots from removed plant material.
4. Scarify subsoil to a depth of six inches (6").
5. Contractor to apply "Surflan" or equal, or approved pre-emergent herbicide in accordance with manufacturer's rate and specifications.
6. See L-3.02 for soil specifications.
7. Florida peat shall be free of deleterious materials that would be harmful to plant growth, shall be free of nematodes, shall be of uniform quality, and shall have a pH value between 5.3 and 6.5 (as determined in accordance with ASTM E70). Florida peat shall be sterilized to make free of all viable nut grass and other undesirable weeds.
8. Topsoil shall be natural, fertile, agricultural soil capable of sustaining vigorous plant growth. It shall be of uniform composition throughout, with admixture of subsoil. It shall be free of stones, lumps, live plants an their roots, sticks, and other extraneous matter. Spread topsoil mixture to minimum depth of four inches (3") throughout all lawn areas and twelve inches (8") in all areas to be landscaped.
9. Remove all rocks and other objects over one inches (1") in diameter.
10. Smooth all soil mixture to five inches (5") below top of surrounding pavement edges. This allows room for 3" of mulch and 2" clear space below top of pavement.
11. Smooth topsoil mixture to two inches (2") below finish grade in areas to be sodded.
12. Topsoil shall not be extremely acid or alkaline, nor contain toxic substances which may be harmful to plant growth. The topsoil pH shall be in the range of pH 5.5 to 6.5. If necessary, the Contractor shall apply the appropriate soil amendments adjusting soil pH to assure a pH range of 5.5 to 6.5.
13. Finish grade all topsoil areas to a smooth, even surface, assuring positive drainage away from the structures and eliminate any low areas which may collect water.
14. Contractor shall assure percolation and drainage of all planting pits prior to planting. Contractor will be responsible for all plants lost due to the lack of percolation.
15. Contractor to remove debris and excess material daily from job site. Contractor shall remove all staking of trees and palms after twelve (12) months of substantial completion.

## TREE PROTECTION AND RELOCATION NOTES

### GENERAL NOTE:

All trees and palms will be evaluated for protection and relocation. Relocated trees will be handled in accordance with the following specifications. Trees to be removed will be mitigated as required by the City of Ft. Lauderdale.

### 1.1 WORK TO BE PERFORMED AND WORK INCLUDED

#### A. Provide the following:

Prepare and relocate trees and palms designated for relocation within the project boundaries into holding areas, to include all aspects of preparation, acclimatization, holding, relocation, protection, and maintenance.

Protection and care of existing trees and palms to remain within the project boundaries.

3. Installation and operation of temporary irrigation system and hand watering as required by these specifications.

4. Establishment of holding areas as necessary to support the phasing of the project.

4. Follow-up maintenance as required by these specifications.

5. Labor, materials, equipment and services to complete all preparation, relocations and protection work as indicated on the drawings, as specified herein, or both.

### PART II - PRODUCTS

#### 2.1 PLANTING SOIL MIXES

A. Planting Soil Mixture A to be placed in St. Augustine sod areas, shrub and ground cover beds and in broadleaf tree pits, both new and transplanted:

- \* 20% Topsoil
- \* 10% Peat or Compost
- \* 70% Sand

B. Planting Soil Mixture B to be placed as backfill around the root balls of palms shall be:

- \* 90% native sand from on site or approved source
- \* 10% topsoil.

#### 2.2 Soil Amendments

A. See written specification 02920.

### PART III - EXECUTION

#### 3.1 PREPARATION FOR RELOCATION OF TREES AND PALMS

##### A. Crown Pruning

1. Broadleaf Trees - All trees are to be trimmed by thinning the crown only, and not by reducing crown dimensions. Trim to conform to NAA and ISA standards, including removal of dead wood. Repair any existing injuries to trees including cavities and machinery marks.
2. Palms - Remove all seed pods and lowest fronds, leaving 9-11 youngest fronds. For Sabal Palms only, cut back all fronds in a "hurricane cut" prior to transplanting unless specified otherwise in the field by the landscape architect.

##### B. Fertilization and Watering

###### 1. Preparation

- a. All Trees and Palms to be relocated shall be treated with wetting agents, fertilizers, root stimulants, and soil conditioners at the time of relocation. See specification 02920.
- b. Form and maintain an earth berm 6" high outside the proposed root ball prior to watering and apply 3" approved mulch within saucer. Water application shall saturate the root ball to its entire depth.

##### C. Root Pruning

###### 1. Watering

All trees and palms to be relocated are to be provided with an automatic irrigation system which provides 2 bubbler heads to each tree and palm, prior to root pruning.

Provide irrigation timer, or battery powered valve to water trees to be relocated. Hand watering in lieu of automatic system shall not be allowed, however hand watering shall be performed to avoid lapses should the automatic system be inoperable for more than 24 hours and during the initial planting period as specified.

###### 2. Barricades

Barricade all existing trees and palms with six foot (6') chain link fence or other barricade approved by Owner.

Root Pruning Technique - All trees shall be excavated by digging a trench 36" deep, either by hand or with a trenching machine designed for this purpose. Hand cut broadleaf tree roots after trenching to produce clean cuts with no splits or tears. Trees to be root pruned shall have a minimum root ball size of 10" per 1" of caliper measured at DBH for broad leaf trees, 30" for Sabal Palms, 42" for Coconut Palms. Sabal palms shall not require root pruning.

Timing - All broadleaf trees are to be relocated shall be maintained for a minimum of ten (10) weeks after root pruning prior to relocation. All palms except Sabal Palms, shall be maintained a minimum of four (4) weeks prior to relocation.

#### 3.2 RELOCATION OF TREES AND PALMS

A. Preparation - Trees and palms shall be thoroughly soaked to the full depth of the root ball daily for seven consecutive days prior to relocation. Accurately locate position and elevation where all trees are intended to be planted, for verification by Landscape Architect. Verify that no overhead or underground utilities, existing or proposed, conflict with proposed locations.

#### B. Digging and Handling

Determine line of previous root pruning and excavate around root mass to leave area outside line of root pruning undisturbed. Digging shall be accomplished so as to produce clean cuts on all roots without tearing or splitting. Trenching shall be a minimum of 48" deep.

Trees shall be handled in such a way as to avoid damage to bark and limbs subject to support cables or chains. Attach padded support cables or chains at multiple points where possible.

Root balls shall be undercut prior to lifting. Do not force tree from ground prior to undercutting. Ball depth to be determined upon assessing conditions at time of trenching, to keep intact the entire root ball.

Trees shall be properly wrapped during moving so trunks will not be scarred and damaged and to avoid broken limbs. Broken limbs or scarred trunks shall cause tree to be unacceptable and rejected at the Owner's option. Root balls and foliage shall be kept moist during all phases of relocation.

Partially backfill tree pits with 12" of approved planting soil prior to setting tree. This layer of soil to be thoroughly drenched prior to relocation to achieve a stable platform at the correct elevation so that the top of root ball is 1" above proposed grade.

Backfilling - Flood bottom foil layer to settle tree into best position and to remove air pockets. Continue to flood root ball as planting soil is deposited to insure removal of all air pockets. Produce saucer to retain water per drawings.

Bracing - Support tree with machinery until bracing is complete. Buttresses may support separate trunks on multiple trunk trees. Maintain braces until completion of project.

Irrigation - Install bubbler heads on all trees and palms. Connect each tree's system immediately to water source. Additionally, all transplanted trees and palms shall be hand watered daily for a period of six (6) weeks after transplanting. The irrigation system is designed for maintaining plant material only, and does not provide the volume of water required immediately after transplanting. Set time to run daily, to provide an equivalent of 6" of rain per week for 30 days, then reduce to equivalent of 3" per week.

#### C. Holding Area

A holding area shall be provided specifically designated for storage and acclimatization of relocated trees and palms that are to be relocated in later project phases, or in the current phase. The holding area shall be of sufficient size to allow for temporary planting of trees and palms without undue crowding.

Holding area shall be provided with a temporary automatic irrigation system, and shall be excavated and provided with a soil layer a minimum of 30" deep. Irrigation shall be monitored and supplemented as necessary to provide water in volumes sufficient for growth.

#### 3.3 PROTECTION AND CARE OF EXISTING TREES AND PALMS TO REMAIN

Watering - Existing irrigation shall remain operable to the greatest extent possible during construction. All on site trees to remain shall be supplied with temporary irrigation to remain operable until permanent irrigation is operable. Existing irrigation system to be demolished may be utilized as the temporary irrigation system.

Barricading - Barricade all existing trees and palms with six foot (6') chain link fence or other barricade approved by Owner. Barricades shall be installed at an offset distance two feet (2') outside the tree drip line/edge of tree canopy to the extent practical, prior to any construction activity.

## IRRIGATION NOTES

1. Contractor shall provide a complete irrigation system tied into the existing hotel system for all landscape and sodded areas.
2. the contractor shall submit the proposed irrigation products and design of the system to the landscape architect for review prior to installation.
3. The source of the proposed irrigation system shall be municipal water, contractor to field verify meter and water source location, for review by the landscape architect or owner.
4. The irrigation system shall be configured to accommodate existing trees and palms.
5. All landscape areas shall be irrigated in accordance with all local/county requirements.
6. Irrigation system shall be designed and installed in accordance with the Florida irrigation society standards and specifications for turf and landscape irrigation systems. (revised June 10, 1988)
7. Irrigation coverage shall be 100 %, with 50% overlap and the system shall include an approved rain/ moisture sensor.
8. Irrigation to be electrically controlled and fully automatic from an approved water source.
9. Controller shall be expandable to accommodate 2 additional zones for lighting.
10. Sleeves shall be utilized for all irrigation under hardscape areas for all irrigation lines.
11. Remove existing irrigation equipment which interferes with any construction, this includes, but is not limited to, controllers, sprinkler heads, pipe, quick couplers, backflow preventers, control wire, and conduit. additionally, the contractor is responsible to maintain the existing system throughout the construction process.
12. Concrete thrust blocks to be utilized where main line turns, main lines shall have a depth of 24" min, lateral lines shall have a depth of 18" min.
13. Place all valve boxes and top of pop up sprinkler heads even with and vertical to the finish grade, adjacent valve boxes shall be aligned vertical and horizontal to each other for a neat and uniform appearance. backflow prevention devices shall be placed in horizontal and vertical position, alignment of all equipment is subject to owner approval before they are acceptable.
14. Landscape contractor shall coordinate all planting work with irrigation work. inspect irrigation system and ensure that adequate water is available before beginning planting operations. irrigation systems will not provide sufficient quantities of water for newly planted materials. the landscape contractor is responsible for deep root hand watering.

### PROJECT TEAM:

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#### LANDSCAPE ARCHITECT

EDSA  
1512 EAST BROWARD BLVD., SUITE 110  
FT. LAUDERDALE, FL 33301

#### CIVIL ENGINEER

FLYNN ENGINEERING SERVICES, PA  
241 COMMERCIAL BLVD.,  
LAUDERDALE BY THE SEA, FL 33308

#### MEP ENGINEER

EXP US SERVICES INC  
2601 WESTHALL LANE  
MAITLAND, FL 32751

#### TRANSPORTATION

DC ENGINEERS, INC  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071



### PROJECT:

## PIER SIXTY-SIX

HOTEL & MARINA

### OWNER

TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827

### KEY PLAN

### REVISION

NO.	DESCRIPTION	DATE
1	Response to Comments	09/12/2024

### PROJECT #

20960.000

### SUBMITTAL DATE

JULY 31, 2024

### ISSUE

FDOT - SUBMITTAL

### SHEET TITLE

LANDSCAPE  
NOTES

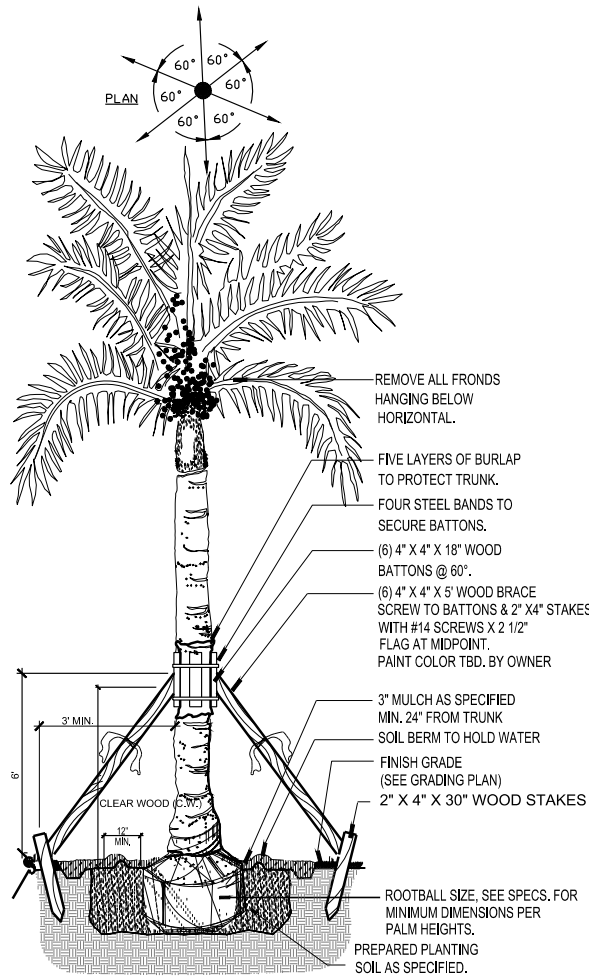
CAM 25-0077

Exhibit 1

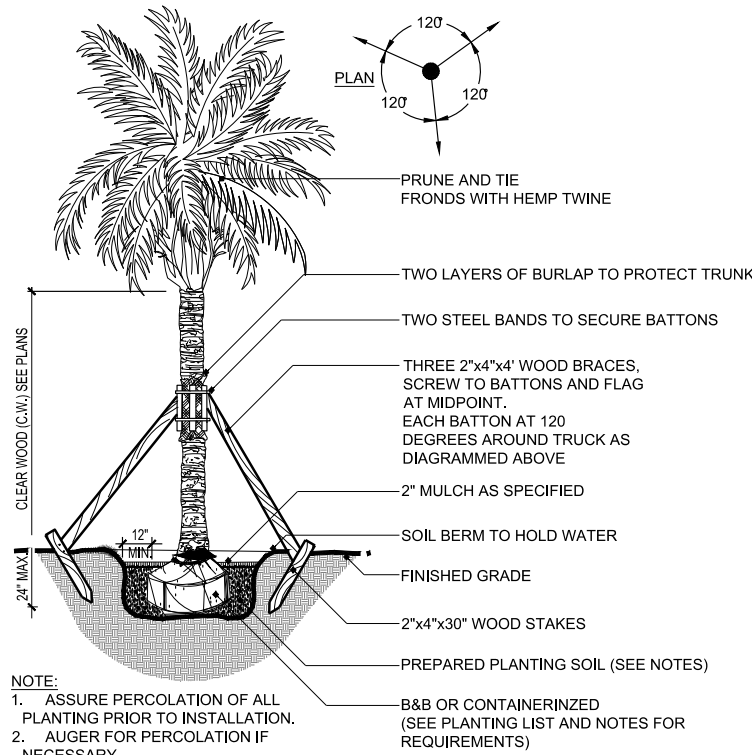
Page 1 of 2

16.00

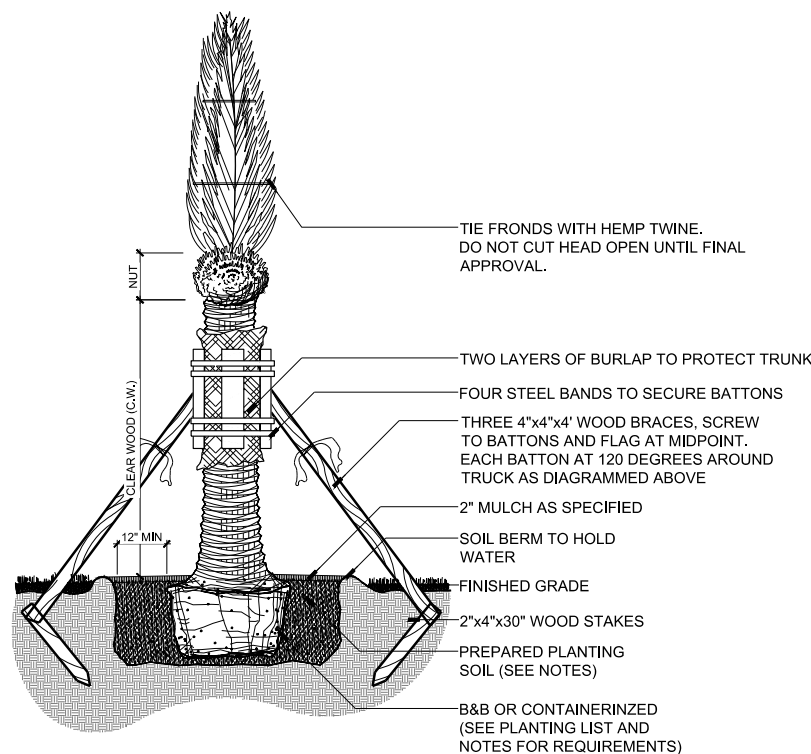
NOTES:  
1. FINAL TREE STAKING DETAILS AND PLACEMENT TO BE APPROVED BY LANDSCAPE ARCHITECT.  
2. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION.



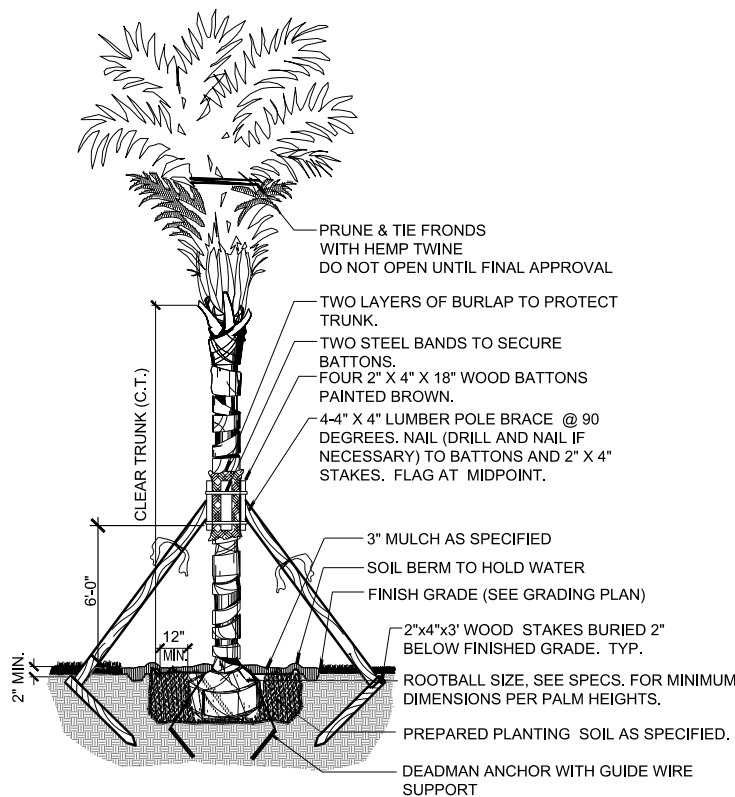
1 ROYAL PALM  
SECTION SCALE: 1/2" = 1'-0"



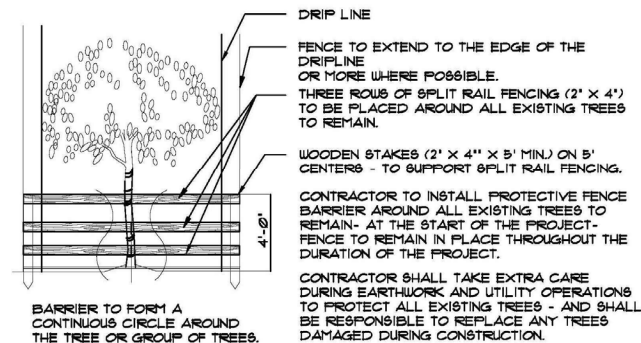
2 SMALL PALM  
SECTION SCALE: 3/4" = 1'-0"



3 SPECIMEN PALM  
SECTION SCALE: 1/2" = 1'-0"



4 COCONUT PALM  
SECTION SCALE: 1" = 1'-0"



5 TREE PROTECTION DETAIL (CITY OF FT. LAUDERDALE)  
ELEVATION SCALE: N.T.S.

**PROJECT TEAM:**  
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HKS ARCHITECTS, INC.  
#AA F000119  
225 EAST ROBINSON STREET, SUITE 405  
ORLANDO, FL 32801  
**EXISTING TOWER ARCHITECT / HOTEL INTERIOR DESIGN**  
DAROFF DESIGN INC. + DD ARCHITECTS, PC.  
2121 MARKET STREET  
PHILADELPHIA, PA 19103  
**CONDO + VILLA ARCHITECT**  
GARCIA STROMBERG | GS4 STUDIOS  
2365 VISTA PARKWAY SUITE 16  
WEST PALM BEACH, FL 33411  
**RESIDENCE ARCHITECT**  
PHIL KEAN DESIGN GROUP  
912 W. FAIRBANKS AVE.  
WINTER PARK, FL 32789  
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SHEET TITLE

LANDSCAPE  
DETAILS

CAM 25-0077

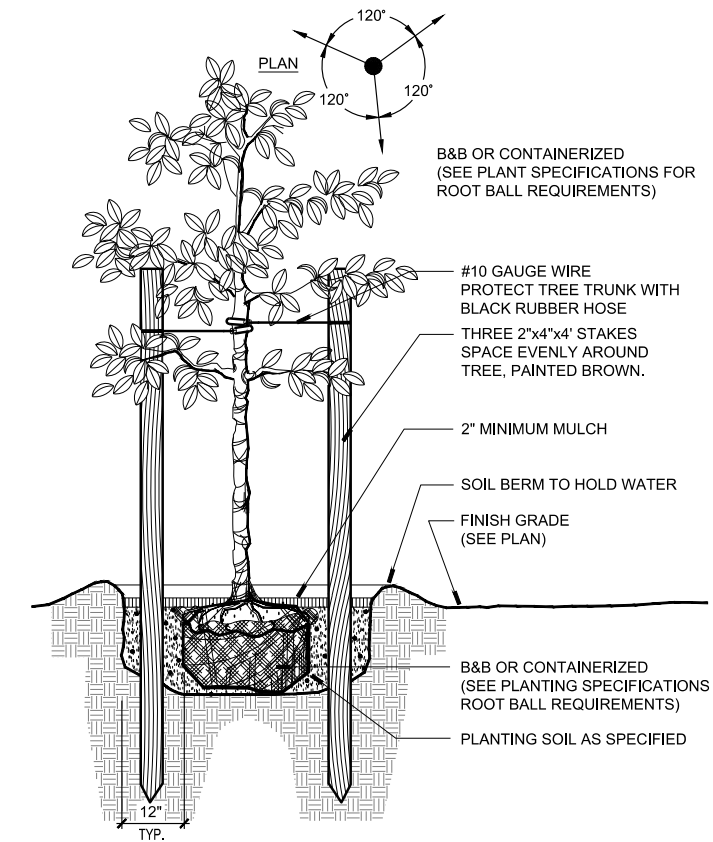
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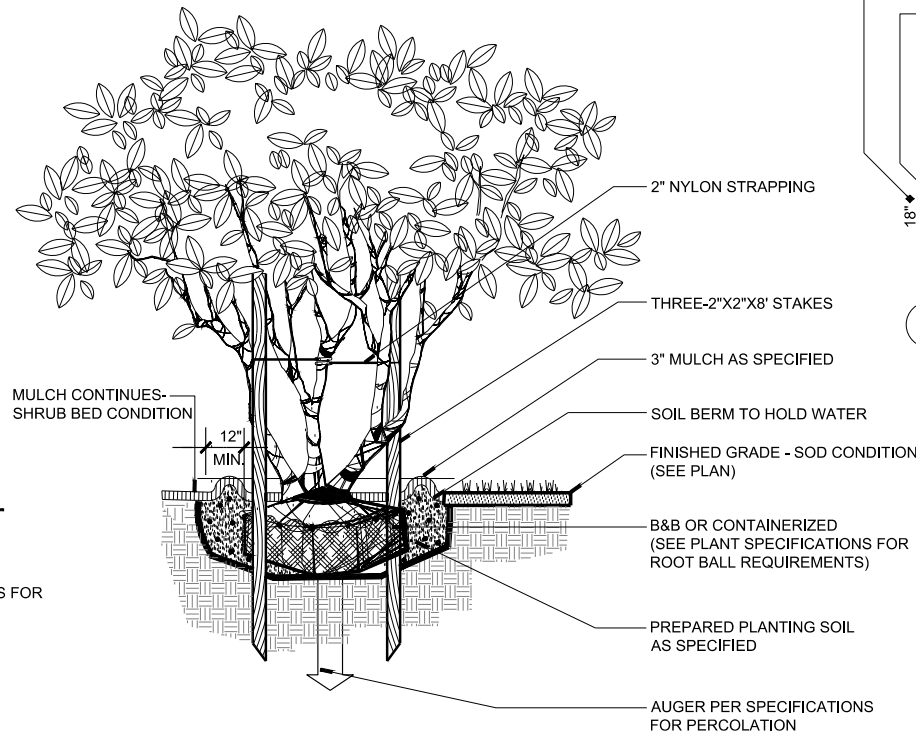
FDOT LANDSCAPE PERMIT  
NUMBER 2024-L-491-00011



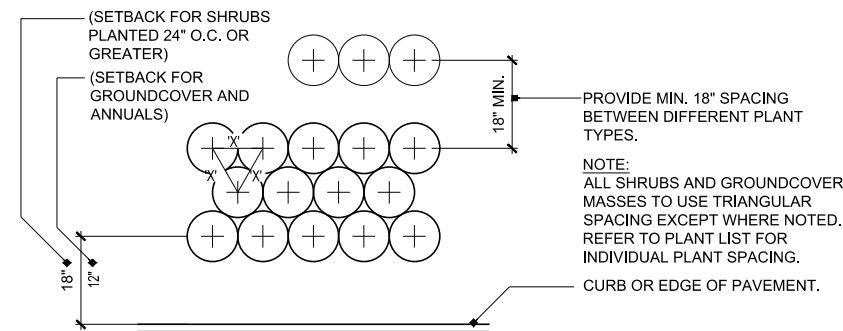
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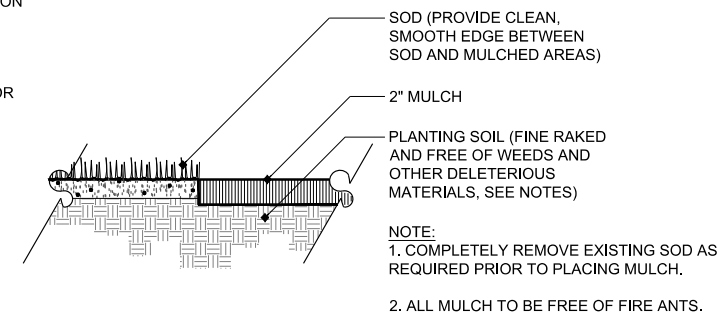
1 SMALL TREE - 3" CALIPER OR LESS  
SECTION SCALE: 1"=1'-0"



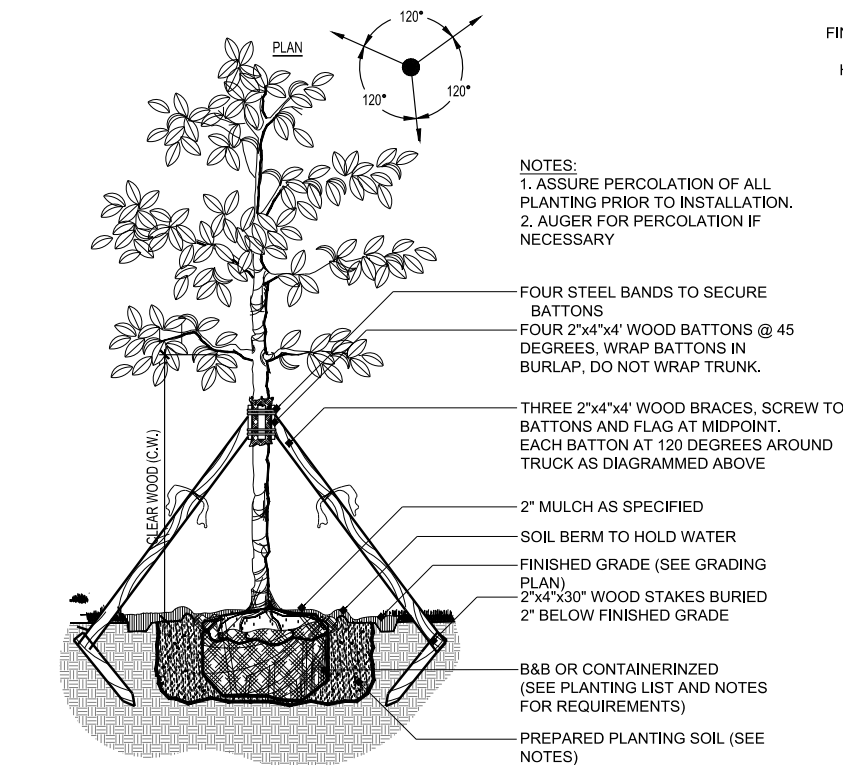
2 MULTI-TRUNK TREE  
SECTION SCALE: 1"=1'-0"



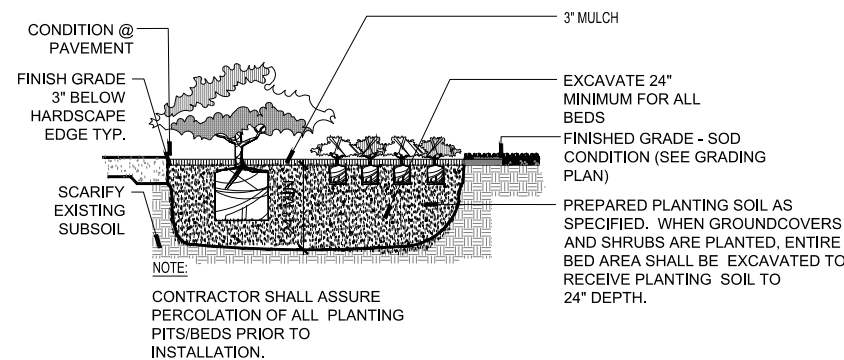
3 TYPICAL PLANT SPACING  
PLAN SCALE: N.T.S.



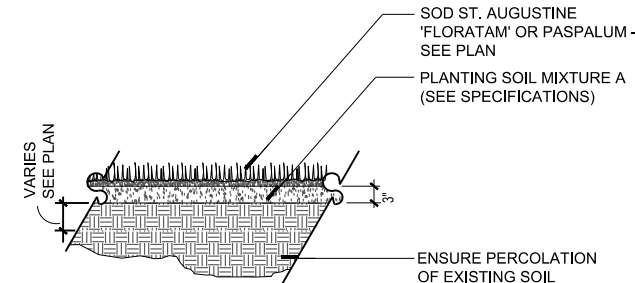
4 MULCH  
SECTION SCALE: 1"=1'-0"



5 LARGE TREE - GREATER THAN 3" CALIPER  
SECTION SCALE: 1/2"= 1'-0"



6 SHRUB AND GROUNDCOVER  
SECTION SCALE: N.T.S.



7 SODDING  
SECTION SCALE: N.T.S.

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2601 WESTHALL LANE  
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**TRANSPORTATION**  
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12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071



**PROJECT:**  
**PIER SIXTY-SIX**  
HOTEL & MARINA

**OWNER**  
TAVISTOCK DEVELOPMENT COMPANY  
6900 TAVISTOCK LAKES BLVD., SUITE 200  
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KEY PLAN

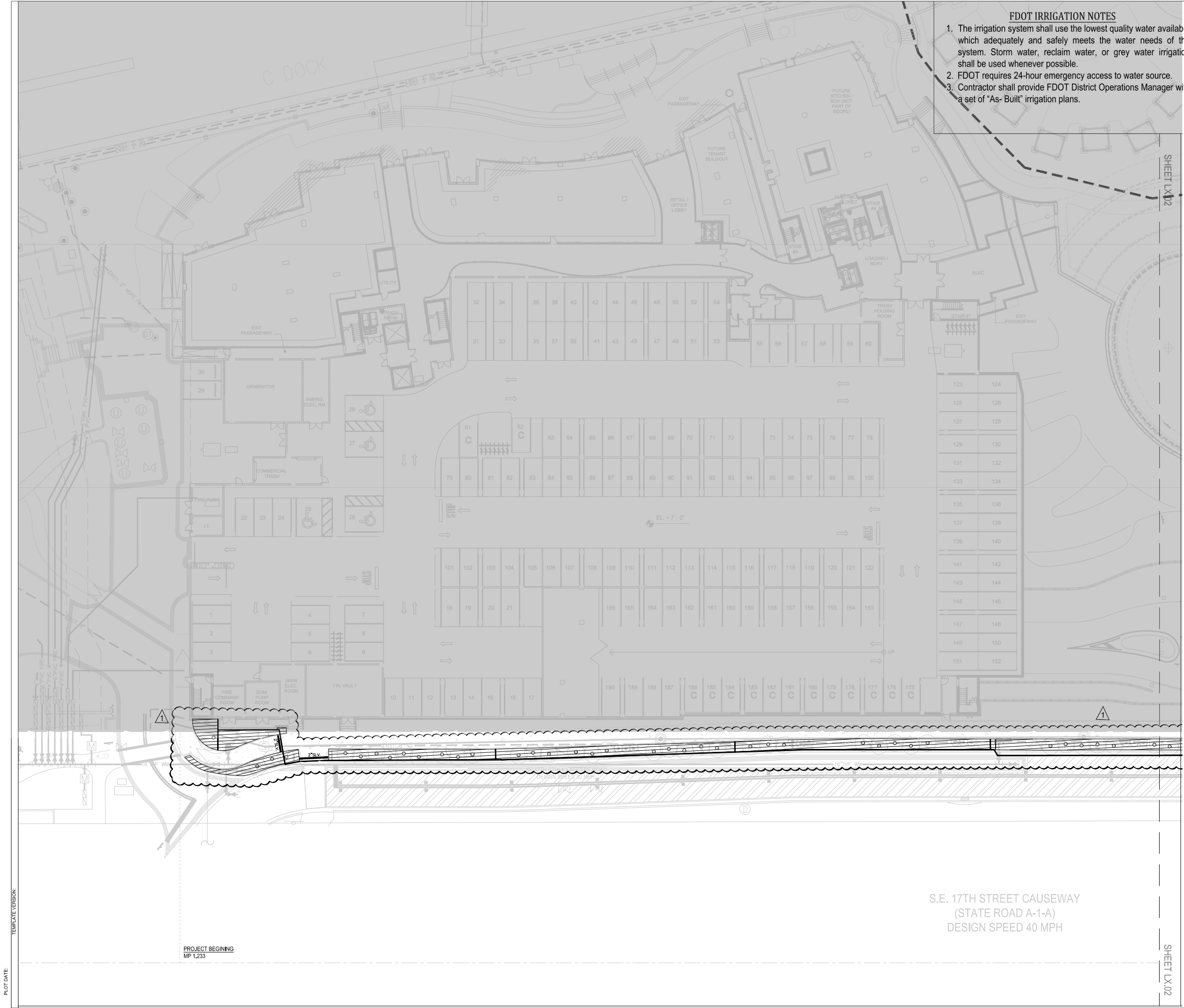
REVISION	NO.	DESCRIPTION	DATE
1	Response to Comments	09/12/2024	

PROJECT #  
**20960.000**  
SUBMITTAL DATE  
**JULY 31, 2024**  
ISSUE  
**FDOT - SUBMITTAL**

SHEET TITLE  
**LANDSCAPE DETAILS**

FDOT LANDSCAPE PERMIT  
NUMBER 2024-L-491-00011

PLOT DATE: TEMPLATE VERSION:



- FDOT IRRIGATION NOTES**
1. 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.
  2. FDOT requires 24-hour emergency access to water source.
  3. Contractor shall provide FDOT District Operations Manager with a set of "As- Built" irrigation plans.

S.E. 17TH STREET CAUSEWAY  
(STATE ROAD A-1-A)  
DESIGN SPEED 40 MPH



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LAUDERDALE BY THE SEA, FL 33306

**MEP ENGINEER**  
EXP US SERVICES INC  
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MAITLAND, FL 32751

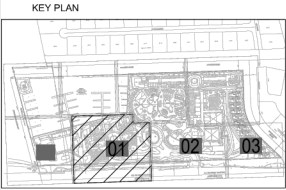
**TRANSPORTATION**  
DC ENGINEERS, INC.  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071



**PROJECT:**

**PIER SIXTY-SIX**  
HOTEL & MARINA

**OWNER**  
TAVISTOCK DEVELOPMENT COMPANY  
6600 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827



REVISION NO.	DESCRIPTION	DATE
	FDOT PERMIT PLAN REVIEW	2021.09.22
	FDOT PERMIT REVIEW	2022.01.14
	FDOT PERMIT REVIEW	2022.02.18
1	REVISION 1	2024.17.09

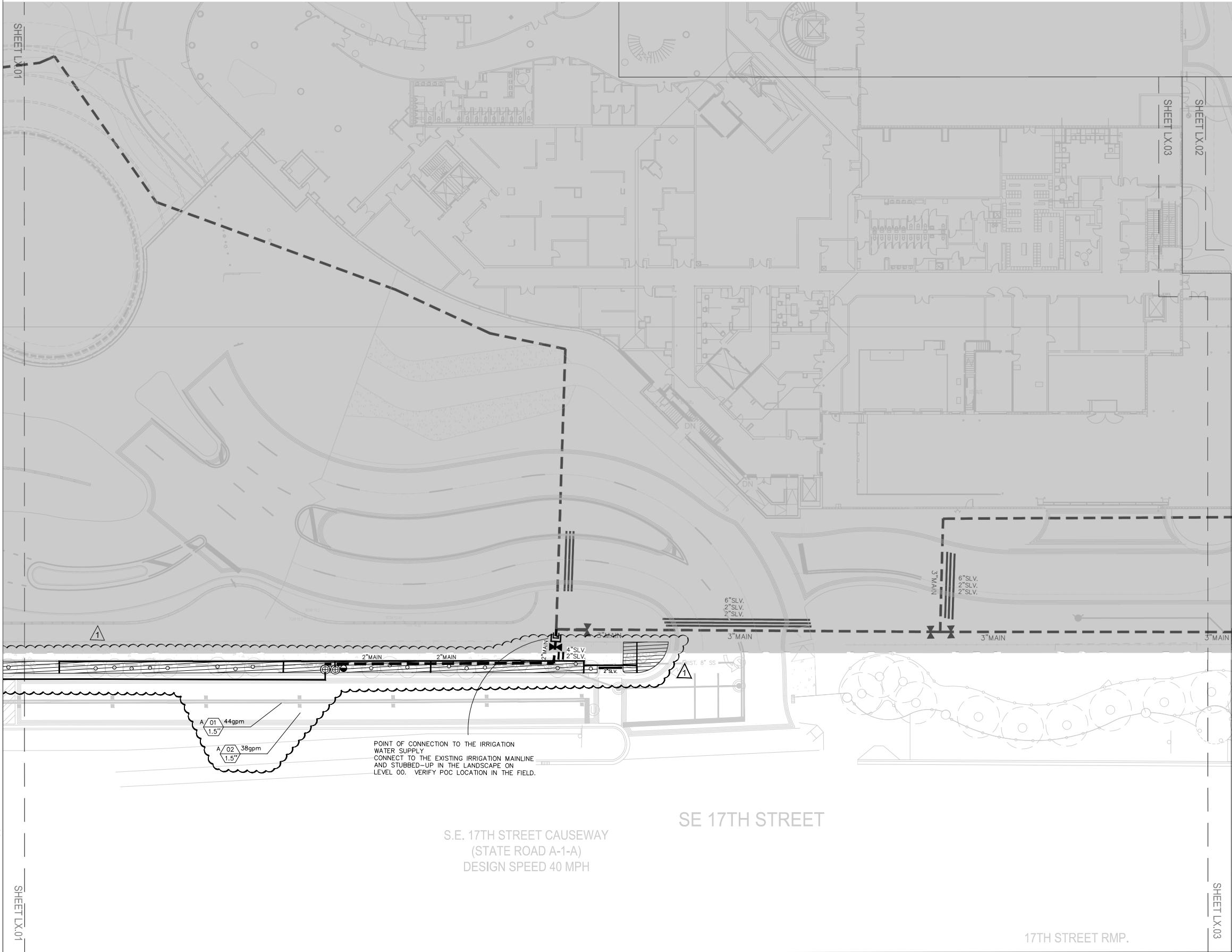
PROJECT #  
**20960.000**

SUBMITTAL DATE  
**JUNE 29, 2020**

ISSUE  
**FDOT - SUBMITTAL**  
FDOT LANDSCAPE PERMIT NUMBER  
2020-L-491-00020  
SHEET TITLE  
**IRRIGATION PLAN**



PLOT DATE: \_\_\_\_\_  
 TEMPLATE VERSION: \_\_\_\_\_  
 SHEET LX.01



PROJECT TEAM:

HOTEL ARCHITECT

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#AA F000119  
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EXISTING TOWER ARCHITECT /

HOTEL INTERIOR DESIGN

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CONDO + VILLA ARCHITECT

GARCIA STROMBERG | GS4 STUDIOS  
2365 VISTA PARKWAY SUITE 18  
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2801 WESTHALL LANE  
MAITLAND, FL 32751

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12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071

Always call 811 two full business days before you dig to  
have underground utilities located and marked.

Sunshine811.com

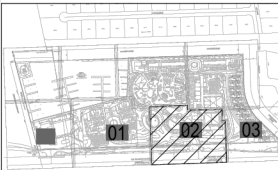
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KEY PLAN



REVISION

NO.	DESCRIPTION	DATE
	FDOT PERMIT	2021.09.22
	PLAN REVIEW	
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SHEET TITLE

IRRIGATION PLAN

CAM 25-0077

Exhibit

Page 2 of 24

L7-02



**PROJECT TEAM:**

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HKS ARCHITECTS, INC.  
#AA F000119  
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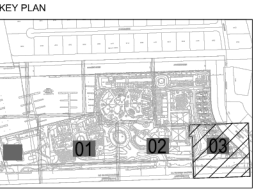
**MEP ENGINEER**  
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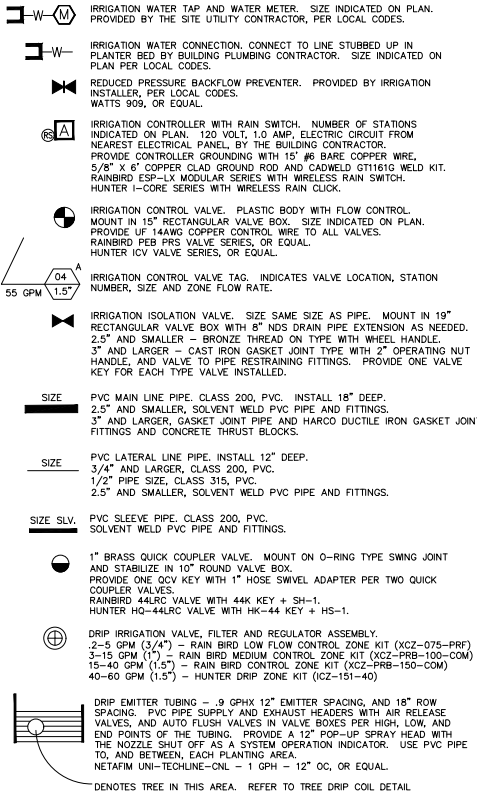
SHEET TITLE  
**IRRIGATION PLAN**



IRRIGATION NOTES

- SOME PIPE LINES ARE DRAWN OFF SET FOR CLARITY. INSTALL ALL IRRIGATION LINES IN LANDSCAPED AREAS.
- REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREE ROOT BALLS TO INSTALL HEADS AT APPROPRIATE LOCATIONS.
- ADJUST ALL NOZZLES TO REDUCE OVERTHROW ON PAVING & WALLS. THROTTLE ALL IRRIGATION CONTROLS TO PREVENT FOGGING. SET CONTROLLER RUN TIMES TO MATCH PLANT WATER NEEDS AND SOIL CONDITIONS.
- INSTALL RISERS 18" FROM WALLS OR BUILDINGS, AND 24" FROM PAVED SURFACES. PAINT ALL RISERS AND SUPPORTS FLAT BLACK.
- INSTALL POP-UP HEADS 18" FROM WALLS, 6" FROM WALKS, DECKS AND CURBS, 6 FEET FROM CURBLESS ROADS, AND 30" FROM THE END OF PARKING SPACES.
- SET TOP OF POP-UP HEAD CAPS 1" ABOVE FINISHED GRADE PRIOR TO SOO OR MULCH INSTALLATION.
- REFER TO UTILITY PLANS PRIOR TO TRENCHING. THE IRRIGATION INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO UTILITIES CAUSED BY THEIR WORK DURING THE PROJECT.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP.
- ELECTRIC POWER SUPPLY FOR THE IRRIGATION CONTROLLER SHALL BE BROUGHT TO A JUNCTION BOX AT THE CONTROLLER LOCATION BY THE BUILDING ELECTRICAL CONTRACTOR. IRRIGATION INSTALLER TO PROVIDE ELECTRICAL PERMITS AND LICENSED ELECTRICIAN TO CONNECT THE IRRIGATION CONTROLLER EQUIPMENT TO THE POWER SUPPLY.
- IRRIGATION WATER CONNECTIONS AND SYSTEM CONSTRUCTION SHALL COMPLY WITH THE REQUIREMENTS OF LOCAL CODES FOR IRRIGATION INSTALLATION AND CONNECTIONS TO THE WATER SUPPLY.
- IRRIGATION INSTALLER TO ACQUIRE ALL PERMITS AND UTILIZE ALL SAFETY PRECAUTIONS REQUIRED TO WORK IN ROW OF ROADWAY.
- SIXTY (60) PSI MINIMUM STATIC WATER PRESSURE IS REQUIRED FOR THE EFFICIENT OPERATION OF THE IRRIGATION SYSTEM AS DESIGNED. VERIFY THE MINIMUM STATIC WATER PRESSURE IS AVAILABLE AT THE PROJECT SITE PRIOR TO BEGINNING THE IRRIGATION INSTALLATION. NOTIFY THE LANDSCAPE ARCHITECT IN WRITING IF THE MINIMUM STATIC WATER PRESSURE OR WATER VOLUME IS NOT AVAILABLE.
- AT THE END OF PARKING SPACES PLACE HEADS IN LINE WITH PARKING STRIPES OR 2.5 FEET FROM BACK OF CURB. (TYPICAL)
- PRIOR TO STARTING THE WORKS INSPECT THE SITE AND LOCATE ALL EXISTING IRRIGATION PIPES, WIRES AND EQUIPMENT. PROVIDE LABOR AND MATERIALS TO REPAIR ANY DAMAGED EXISTING IRRIGATION. PROVIDE "LIFELINE" PIPES AND WIRES TO KEEP ADJACENT IRRIGATION ZONES OPERATIONAL THROUGHOUT THE WORKS.
- THE IRRIGATION MAINLINE IS DRAWN OFFSET FOR GRAPHIC CLARITY. DO NOT SCALE THE MAINLINE FROM THE DRAWING FOR INSTALLATION. LAYOUT THE IRRIGATION MAINLINE ROUTE IN THE FIELD TO AVOID PROPOSED AND EXISTING TREE ROOT ZONES AND UTILITIES.
- THE IRRIGATION SYSTEM SHALL USE THE LOWEST QUALITY WATER AVAILABLE WHICH ADEQUATELY AND SAFELY MEETS THE 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.

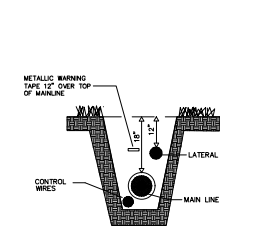
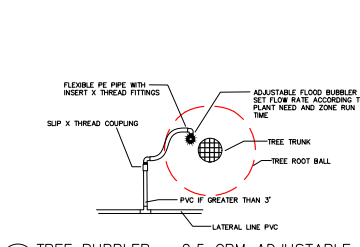
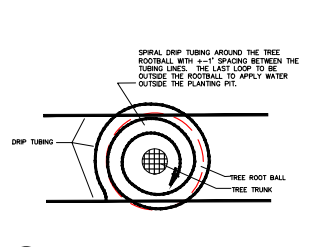
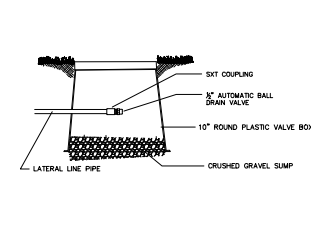
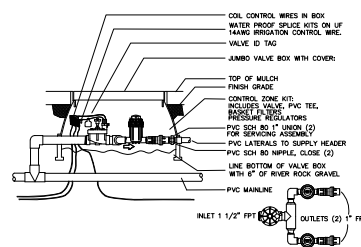
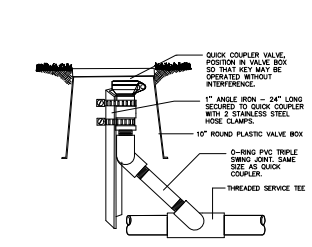
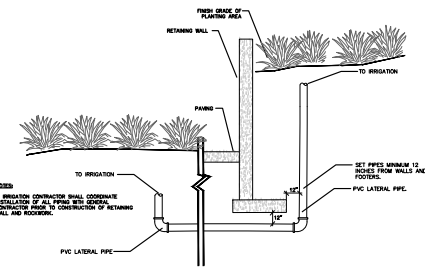
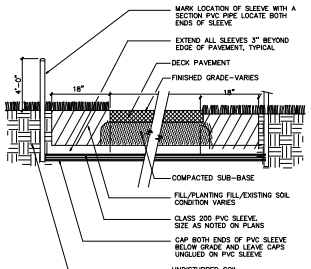
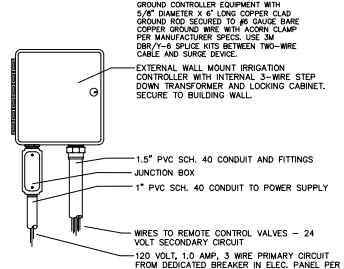
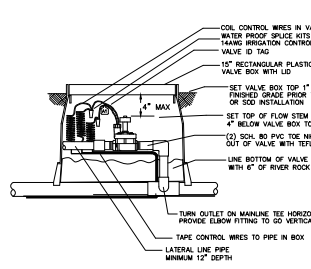
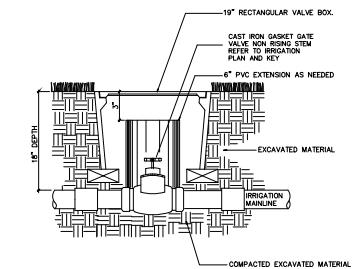
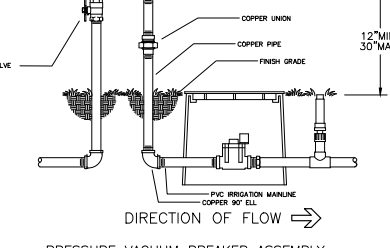
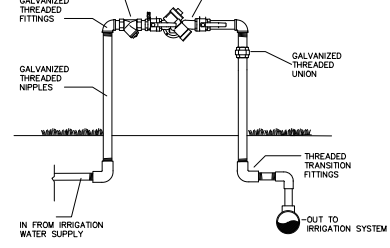
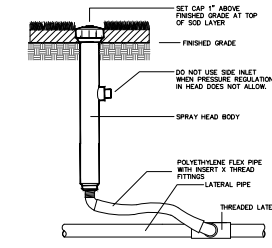
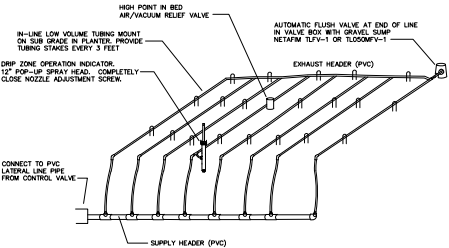
IRRIGATION LEGEND



SPRAY BODIES

RAINBIRD 1800 SERIES SPRAY BODIES & ADAPTERS  
POLY PIPE AND INSERT FITTING SWING JOINTS  
PROVIDE MPR SPRAY NOZZLES PER PLAN  
USE U-SERIES NOZZLES FOR "B", "D", "E", "H", "K", "L" & "P" NOZZLE DESIGNATION  
USE VAN SERIES NOZZLES FOR "Z", "ZZ", & "Z1" NOZZLE DESIGNATION

LETTER	GPM AT 30 PSI	RADIUS	PATTERN
A	0.92	15"	QUARTER
B	1.30	15"	ONE THIRD
C	1.85	15"	HALF
D	2.48	15"	TWO THIRD
E	2.92	15"	THREE QTR.
F	3.70	15"	FULL
G	0.65	12"	QUARTER
H	0.80	12"	ONE THIRD
J	1.30	12"	HALF
K	1.75	12"	TWO THIRD
L	2.00	12"	THREE QTR.
M	2.60	12"	FULL
N	0.39	10"	QUARTER
P	0.57	10"	ONE THIRD
R	0.79	10"	HALF
Q	1.58	10"	FULL
U	0.61	4' X 15'	END STRIP
UI	0.5	4' X 15'	LEFT CORNER STRIP
Ur	0.5	4' X 15'	RIGHT CORNER STRIP
V	1.21	4' X 30'	SIDE STRIP
W	1.2	4' X 30'	CENTER STRIP
X	1.7	9' X 18'	SIDE STRIP
Z1	VARIES	10"	10' ADJUSTABLE ARC
Z2	VARIES	15"	12' ADJUSTABLE ARC
Z	VARIES	15"	15' ADJUSTABLE ARC
Y	0.5	1"	FLOOD BUBBLER
O	1.0	8"	STREAM BUBBLER
1	0.26	8"	QUARTER
2	0.32	8"	ONE THIRD
3	0.52	8"	HALF
4	1.05	8"	FULL
5	.1	5"	QUARTER
6	.2	6"	ONE THIRD
7	.2	5"	HALF
8	.38	5"	FULL



PROJECT TEAM:

HOTEL ARCHITECT

HKS ARCHITECTS, INC.  
#AA F000119  
225 EAST ROBINSON STREET, SUITE 405  
ORLANDO, FL 32801

EXISTING TOWER ARCHITECT /

HOTEL INTERIOR DESIGN

DAROFF DESIGN INC. + DDI ARCHITECTS, PC.  
2121 MARKET STREET  
PHILADELPHIA, PA 19103

CONDO + VILLA ARCHITECT

GARCIA STROMBERG | GSA STUDIOS  
2365 VISTA PARKWAY SUITE 18  
WEST PALM BEACH, FL 33411

RESIDENCE ARCHITECT

PHIL KEAN DESIGN GROUP  
912 W. FAIRBANKS AVE.  
WINTER PARK, FL 32789

LANDSCAPE ARCHITECT

EDSA  
1512 EAST BROWARD BLVD., SUITE 110  
FT. LAUDERDALE, FL 33301

CIVIL ENGINEER

FLYNN ENGINEERING SERVICES, PA  
241 COMMERCIAL BLVD.  
LAUDERDALE BY THE SEA, FL 33308

MEP ENGINEER

EXP US SERVICES INC.  
2801 WESTHALL LANE  
MAITLAND, FL 32751

TRANSPORTATION

DC ENGINEERS, INC.  
12743 NW 13TH COURT  
CORAL SPRINGS, FL 33071



PROJECT:

PIER SIXTY-SIX  
HOTEL & MARINA

OWNER

TAVISTOCK DEVELOPMENT COMPANY  
6600 TAVISTOCK LAKES BLVD., SUITE 200  
ORLANDO, FL 32827

KEY PLAN

REVISION NO.	DESCRIPTION	DATE
	FDOT PERMIT PLAN REVIEW	2021.09.22
	FDOT PERMIT REVIEW	2022.01.14
	FDOT PERMIT REVIEW	2022.02.18
1	REVISION 1	2024.17.09

PROJECT #

20960.000

SUBMITTAL DATE

JUNE 29, 2020

ISSUE

FDOT - SUBMITTAL

FDOT LANDSCAPE PERMIT NUMBER

20204-491-00020

SHEET TITLE

IRRIGATION LEGEND,  
NOTES & DETAILS

CAM 25-0077

Sheet 1

Page 23 of 24

COUNTY:	BROWARD
SECTION:	86180000
STATE ROAD:	A1A
PERMIT:	2024-L-491-00011

## **EXHIBIT C**

### **RESOLUTION**

This Exhibit forms an integral part of the LANDSCAPE MAINTENANCE MEMORANDUM OF AGREEMENT between the FLORIDA DEPARTMENT OF TRANSPORTATION and the AGENCY.

*Please see attached*