



# **DRB21-0703 RFI #1 DRB Presentation: 1671 West Avenue**

MIAMI BEACH

West Avenue Phase II Improvements  
City of Miami Beach, Florida

# Presentation Discussion Point

- Purpose of Project
- 1671 West Avenue (Water Treatment System)
  - Existing Conditions
  - Proposed Layout
  - Key Materials Used for This Project

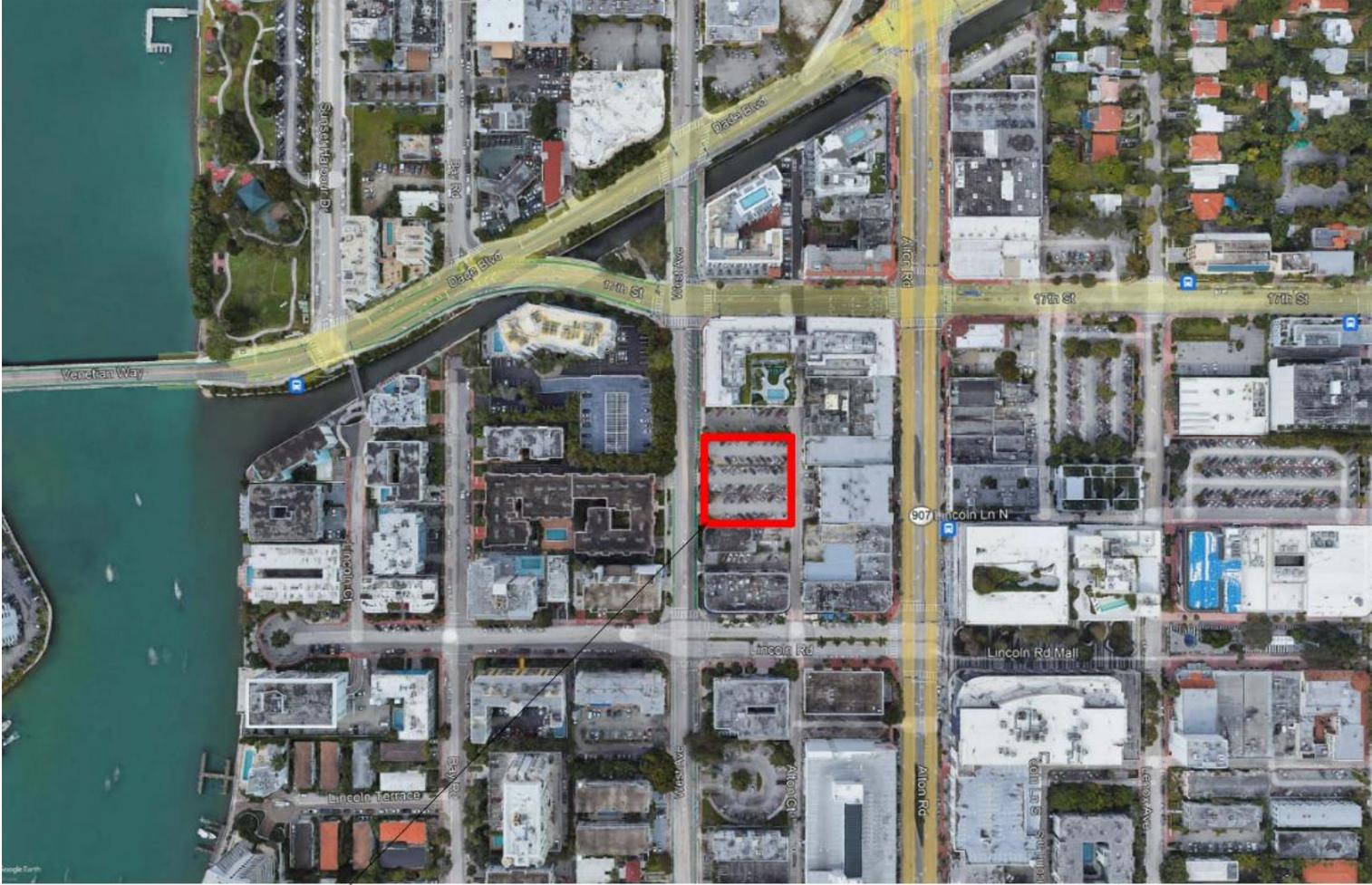
# Purpose of Project

# Purpose of Project

- Project Owner: City of Miami Beach
- Overall Project Boundaries
  - West Avenue from 8<sup>th</sup> Street to 17<sup>th</sup> Street
  - Bay Road from 14<sup>th</sup> Street to Dade Canal
  - All side streets from Bay Road to Alton Road
- This DRB Presentation:
  - 1671 West Avenue (Water Treatment System)
- Purpose of Project
  - Improve drainage within the West Avenue corridor
  - Improve resiliency for the neighborhood (Sea level rise and king tides)

**1671 West Avenue  
Water Treatment System  
Existing Conditions**

# 1671 West Ave Aerial View



LOTS 16, 17 & 18 OF LOT 40  
1671 West Ave, Miami Beach, FL 33139





1671 West Ave  
Facing North



1671 West Avenue Facing North

1671 West Ave  
Facing South



1671 West Avenue Facing South

1671 West Ave  
Facing East



1671 West Avenue Facing East

1671 West Ave  
Facing West



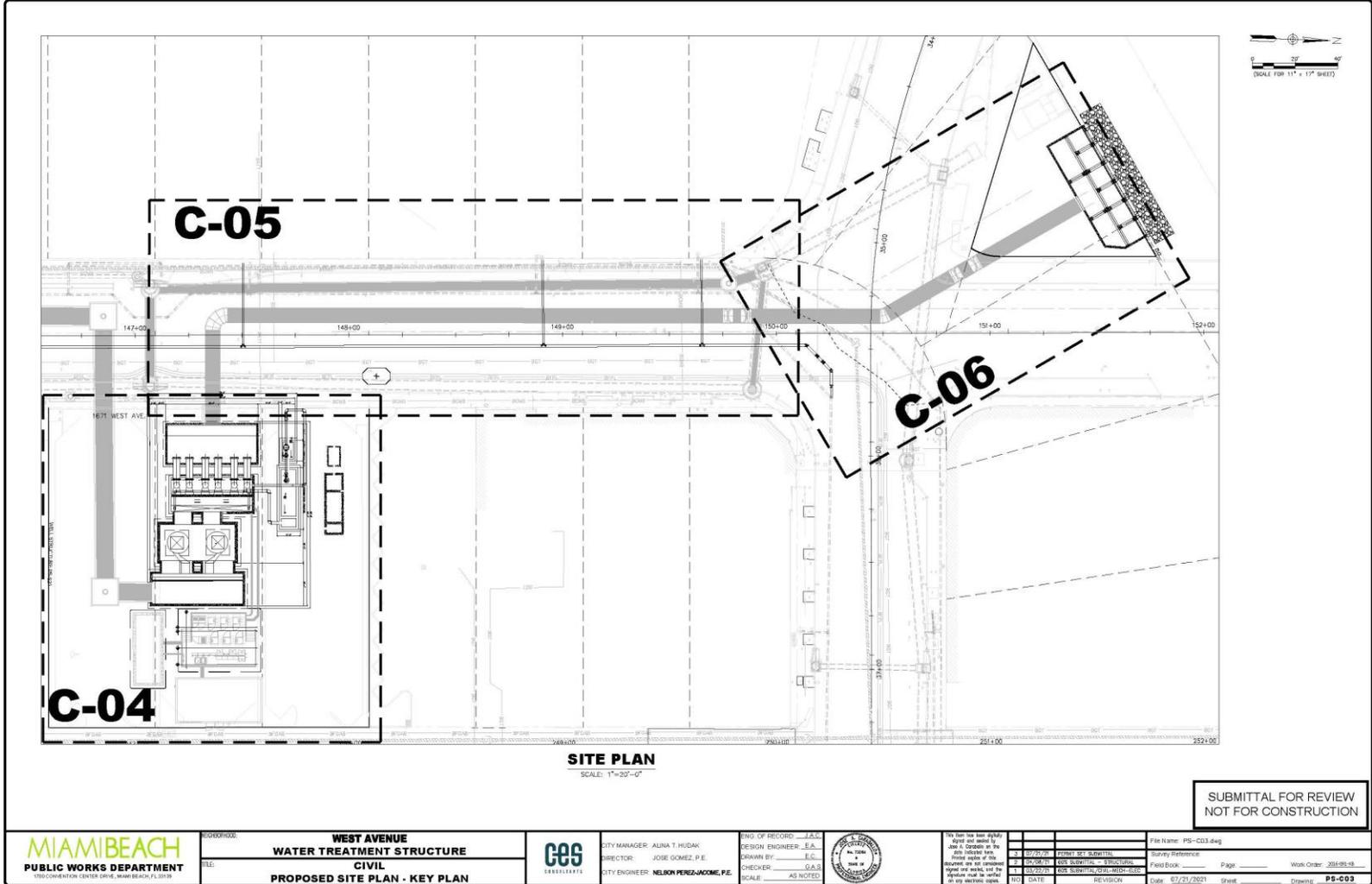
1671 West Avenue Facing West

1671 West Ave  
Facing East

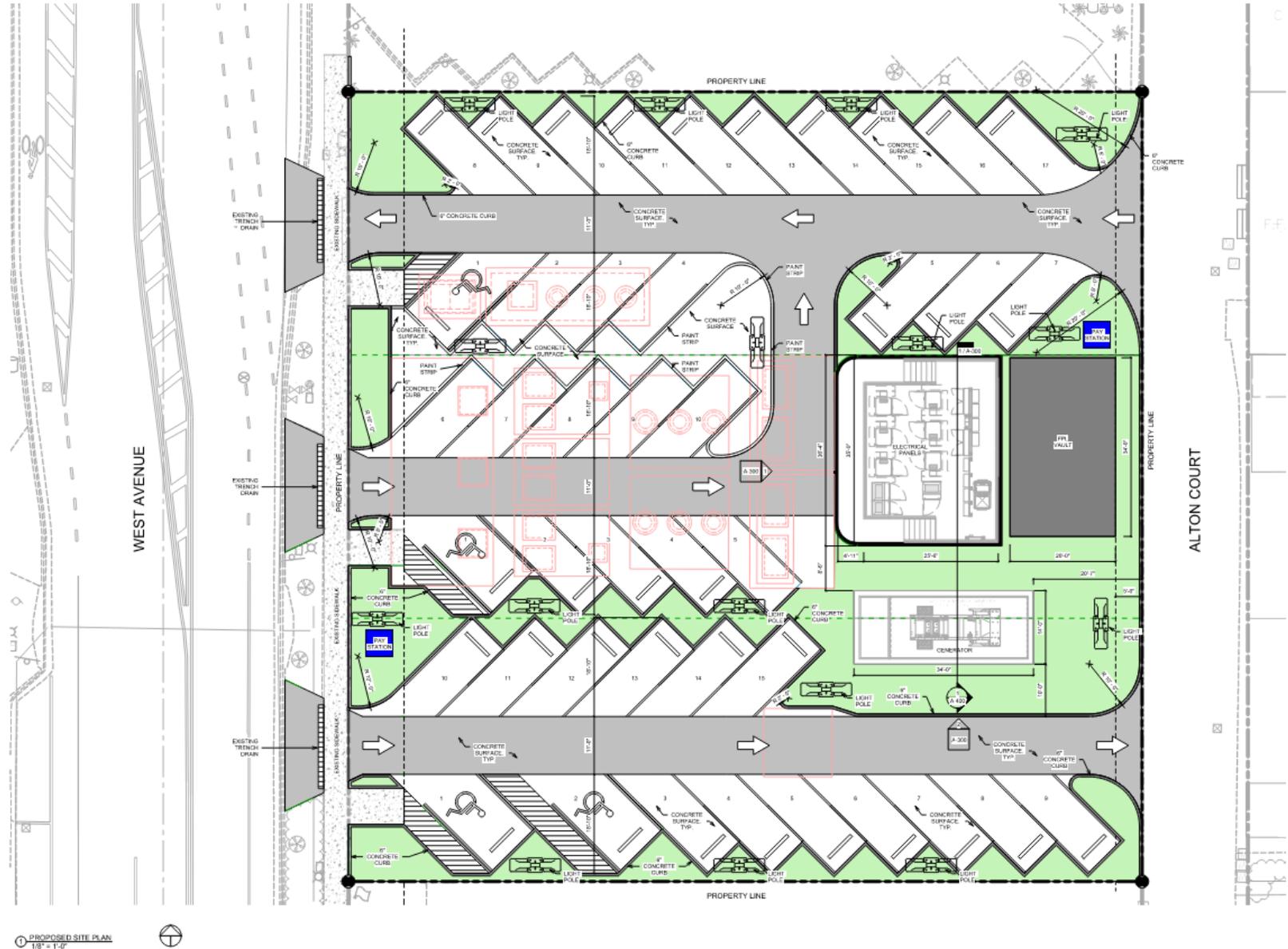


# 1671 West Avenue Proposed Layout

# Water Treatment System Components

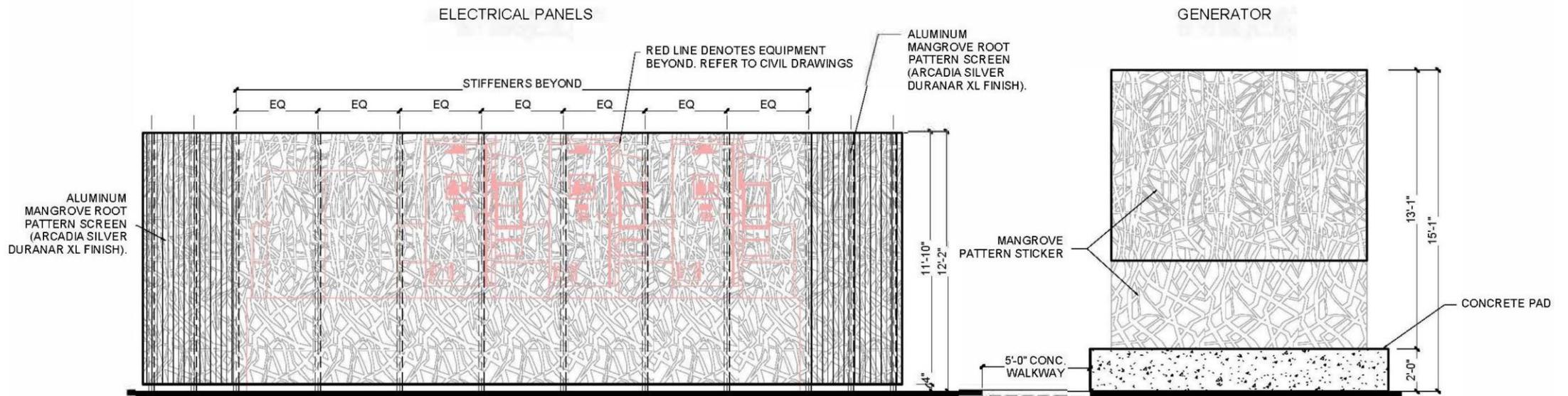


# 1671 West Ave Proposed Layout

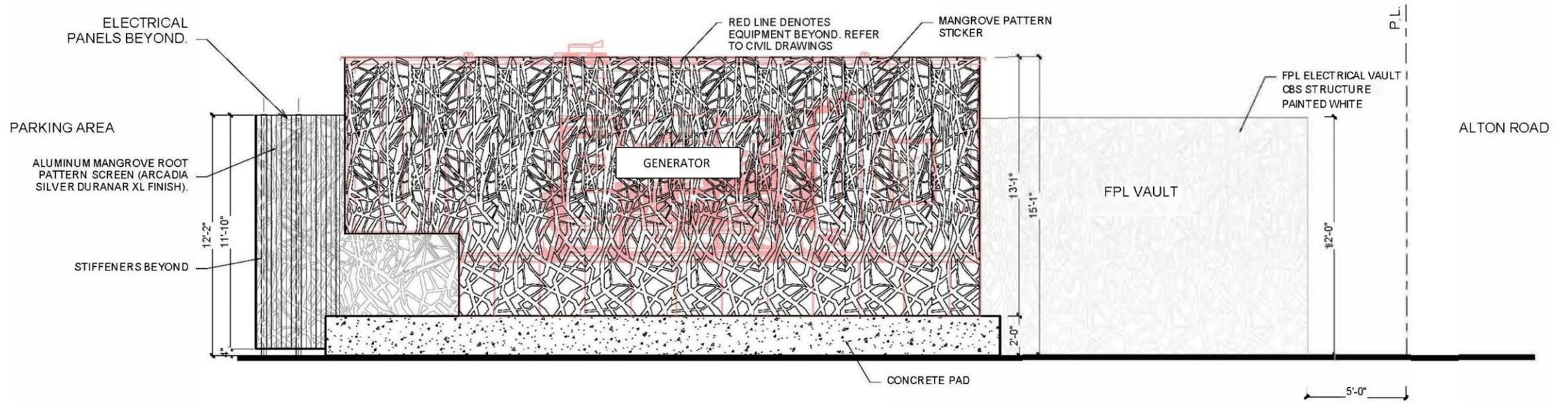


# Architectural Screening



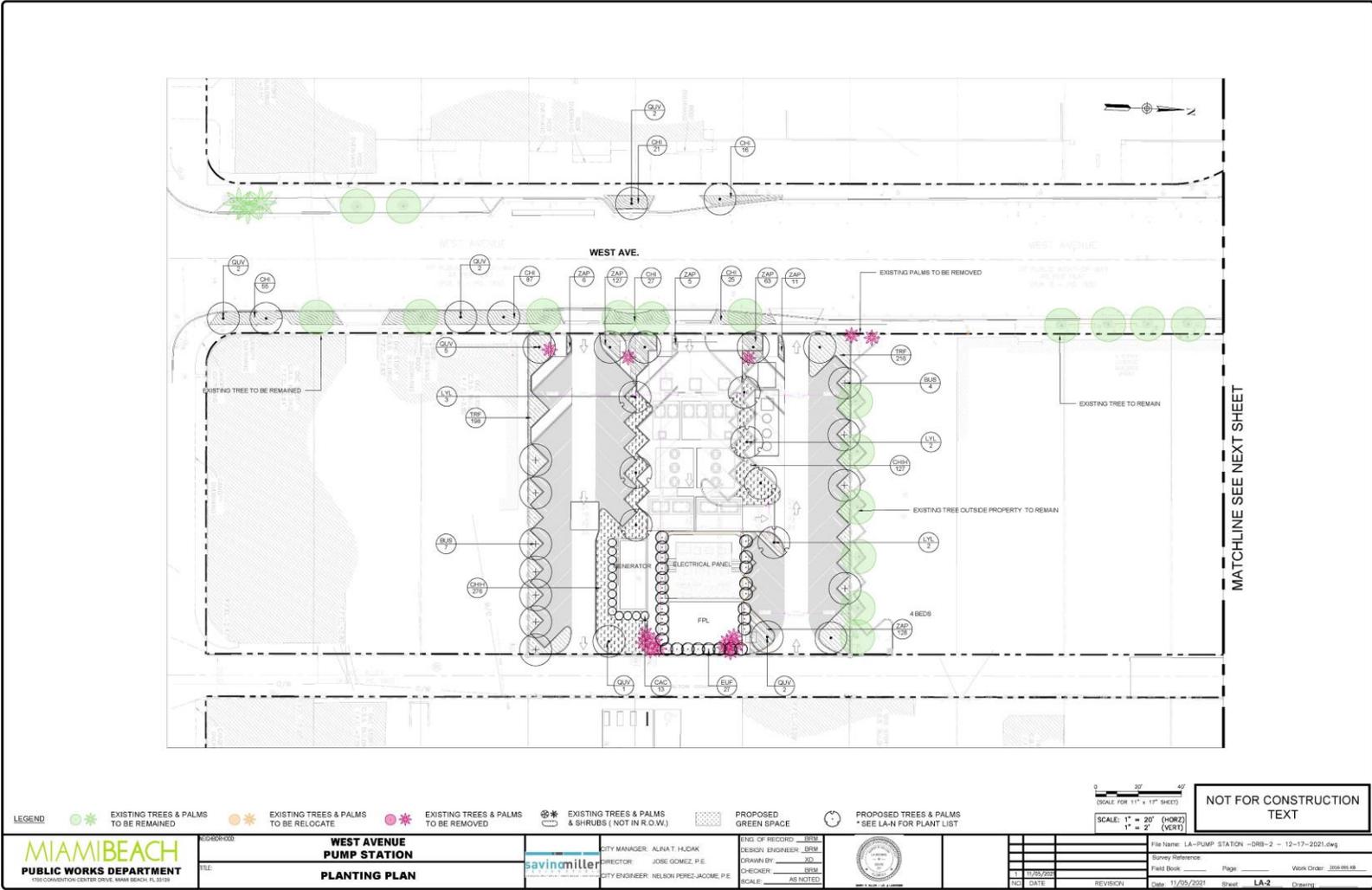


① WEST ELEVATION  
 1/4" = 1'-0"

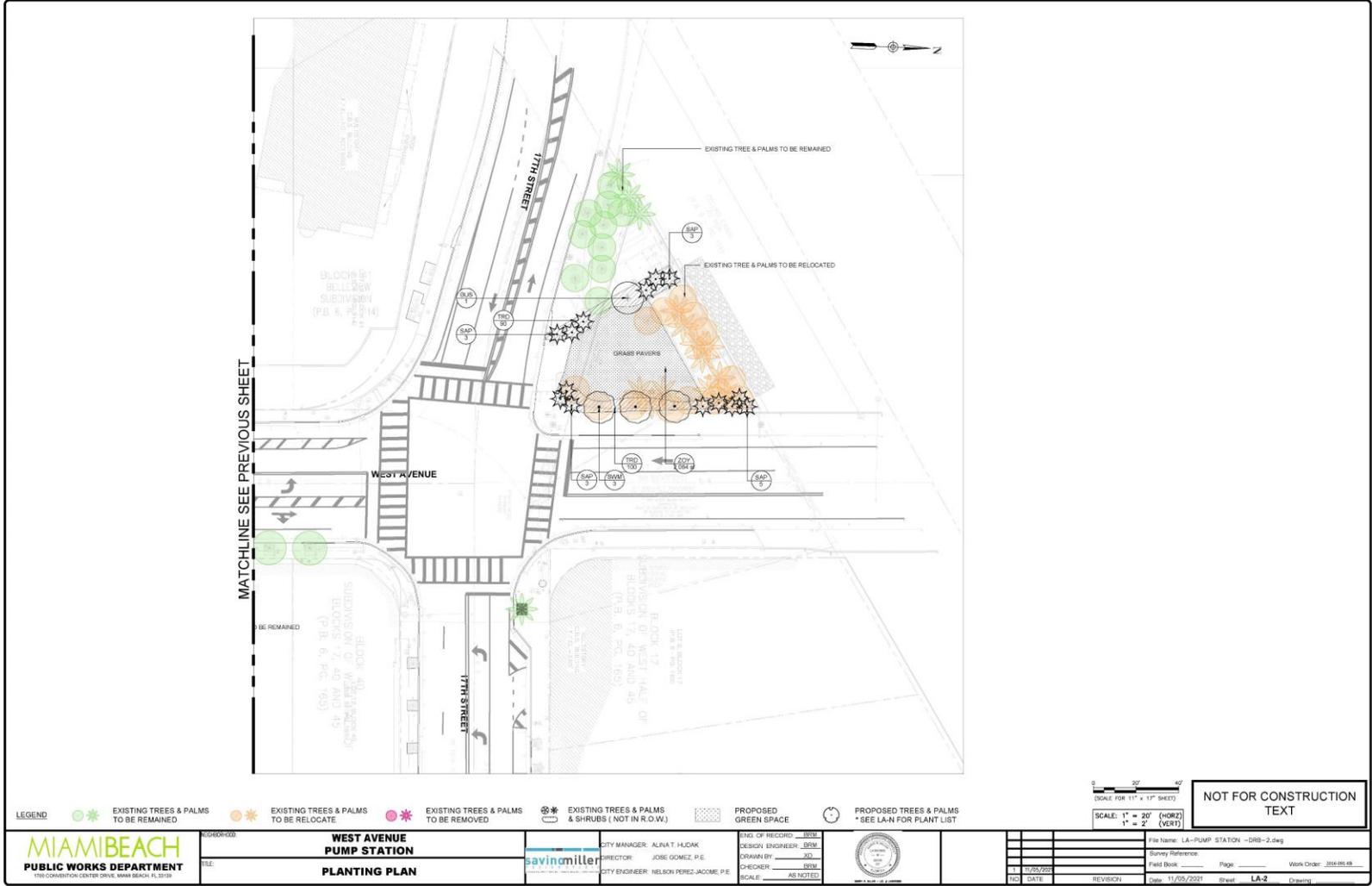


② SOUTH ELEVATION  
 1/4" = 1'-0"

# 1671 West Ave Landscaping Plan



# 17<sup>th</sup> Street and West Ave Landscaping Plan



**1671 West Avenue  
Key Materials Used  
for This Project**

# Landscaping Material

**PLANTING SCHEDULE - PUMP STATION**

Symbol	TREES	Quantity	Botanical/Common	Cont	Caliper	Height	Spr	Remarks	Native	Sun Req.	Salt Tolerance	Drought Tol.	Wildlife	Alt
	BUS	12	Bursera simaruba Gumbo Limbo	B & B	3" Cal.	14'- 16' Ht.	10'-12' Spr	Full Branching, 4' C.T. MAX	N	PSH-FS	Medium	High	B,C	
	LYL	7	Lysiloma latisiliqua Wild Tamarind	B & B	3.5" Cal.	12'- 14' Ht.	7'- 8' Spr	FULL, 4' C.T.	N	FS	Medium	High	B,BF,C	
	EUF	27	Eugenia foetida Spanish Stopper	15 Gal		6'- 7' Ht.	4'- 5' Spr.	Bush form	N	PSH-FS	Medium	High	B	
	QUV	14	Quercus virginiana Southern Live Oak	B & B	4" Cal.	14'- 16' Ht.	9'-10' Spr.	5' C.T.	N	PSH-FS	Medium	High	B,BE,BF,C	
	SWM	3	Swietenia mahagoni West Indian Mahogany	B & B	5" Cal.	16'- 18' Ht.	10'-12' Spr.	5' C.T.	N	PSH-FS	High	High	BF	Conocarpus erectus Green Buttonwood
	<b>Total</b>	<b>63</b>												
* NOTE: ALL CALIPER DIMENSIONS ARE MINIMUM SIZES														
Symbol	PALMS	Quantity	Botanical/Common	Cont	SIZE	Spacing	Remarks	Native	Sun Req.	Salt Tolerance	Drought Tol.	Wildlife	Alt	
	SAP	14	Sabal palmetto Cabbage Palmetto	B & B	12'-16', GW		Hurricane Cut, Booted trunks	N	PSH-FS	High	High	B,BF		
	<b>Total</b>	<b>14</b>												
Symbol	SHRUBS	Quantity	Botanical/Common	Cont	SIZE	Spacing	Remarks	Native	Sun Req.	Salt Tolerance	Drought Tol.	Wildlife	Alt	
	CAC	13	Capparis cynophallophora Jamaican caper	10 Gal	42"-48" OA	48" o.c.		N	PSH	High	High	B,BE,BF,C		
	CHI	231	Chrysobalanus icaco 'Red Tip' Red Tip Cocoplum	3 gal	18"-24" OA	30" o.c.	Full	N	PSH-FS	High	Medium	B,BF		
	TRD	115	Tripsacum dactyloides Fakahatchee Grass	3 Gal.	18"-24" OA	36" o.c.		N	PSH-FS	High	Medium	B,C		
	TRF	414	Tripsacum floridanum Florida Gamma Grass	3 Gal.	18"-24" OA	24" O.C.		N	PSH-FS	Medium	Medium	B		
	<b>Total</b>	<b>760</b>												
Symbol	DUND CD	Quantity	Botanical/Common	Cont	SIZE	Spacing	Remarks	Native	Sun Req.	Salt Tolerance	Drought Tol.	Wildlife	Alt	
	CHIH	417	Chrysobalanus icaco 'Horizontal' Horizontal Cocoplum	3 gal	12" - 18" OA	24" o.c.		N	PSH-FS	High	Medium	B,BF		
	ZAP	340	Zamia pumila Coontie	3 gal	12" - 18" OA	18" o.c.		N	PSH-FS	High	High	BF		
	<b>Total</b>	<b>757</b>												
Symbol	SOD	Quantity	Botanical/Common	Cont	SIZE	Spacing	Remarks	Native	Sun Req.	Salt Tolerance	Drought Tol.	Wildlife	Alt	
	ZOY	2084 sf	Zoysia 'Cashmere' Cashmere Zoysia	Palette										

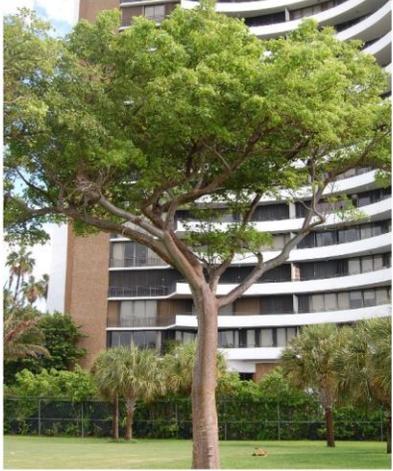
Legend: B - Birds, BE - Bees, BF - Butterfly, C - Caterpillar, FS - Full Sun, FSH - Full Shade, N - Native, PSH - Part Shade

0 20' 40'  
(SCALE FOR 11" x 17" SHEET)  
SCALE: 1" = 20' (HORIZ)  
1" = 2' (VERT)

**NOT FOR CONSTRUCTION  
TEXT**

 100 CONVENTION CENTER DRIVE, MIAMI BEACH, FL 33139	PROJECT NO: _____ TITLE: _____	<b>WEST AVENUE PUMP STATION PLANTING PLAN</b>		CITY MANAGER: ALVIA T. HUDAK DIRECTOR: JOSE GOMEZ, P.E. CITY ENGINEER: NELSON PEREZ-JACOME, P.E.	ENG. OF RECORD: _____ DESIGN ENGINEER: _____ DRAWN BY: _____ CHECKER: _____ SCALE: AS NOTED		File Name: LA-PUMP STATION -DRB-2 - 12-17-2021.dwg Survey Reference: _____ Field Book: _____ Page: _____ Date: 11/05/2021 Date: 11/05/2021 Revision: _____ Date: 11/05/2021 Sheet: <b>LA-3</b> Drawn: _____
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PLANTING IMAGE BOARDS - WEST AVE. - PUMP STATION



*Bursera simaruba*  
Gumbo Limbo



*Lysiloma latisiliqua*  
Wild Tamarind



*Quercus virginiana*  
Southern Live Oak



*Swietenia mahagoni*  
West Indian Mahogany



*Eugenia foetida*  
Spanish Stopper



*Sabal palmetto*  
Sabal Palms



*Capparis cynophallophora*  
Jamaican caper



*Chrysobalanus icaco* 'Horizontalis'  
Horizontal Cocoplum



*Chrysobalanus icaco* 'Red Tip'  
Red Tip Cocoplum



*Tripsacum floridanum*  
Florida Gamagrass



*Tripsacum dactyloides*  
Fakahatchee Grass



*Zamia pumila*  
Coontie

# Lighting Material

Project		Catalog #		Type	
Prepared by		Notes		Date	



## McGraw-Edison

### GPC Galleon Pedestrian Companion

Area / Site Luminaire

#### Product Features



#### Interactive Menu

- Ordering Information [page 2](#)
- Product Specifications [page 2](#)
- Optical Configurations [page 3](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 6](#)

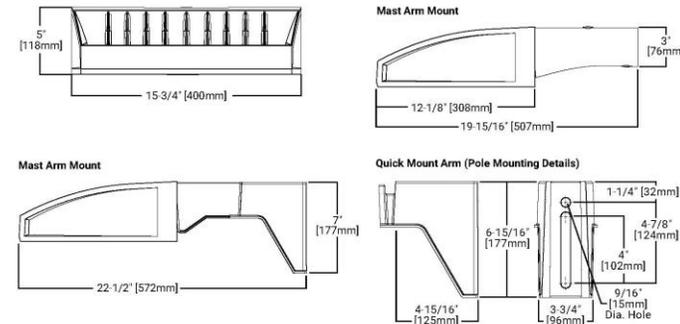
#### Product Certifications



#### Quick Facts

- Choice of sixteen high-efficiency, patented AccuLED Optics
- Quick mount pole or mast-arm mounting configurations
- Eight lumen packages from 3,215 up to 17,056 lumens
- IP66 rated housing and LED light squares

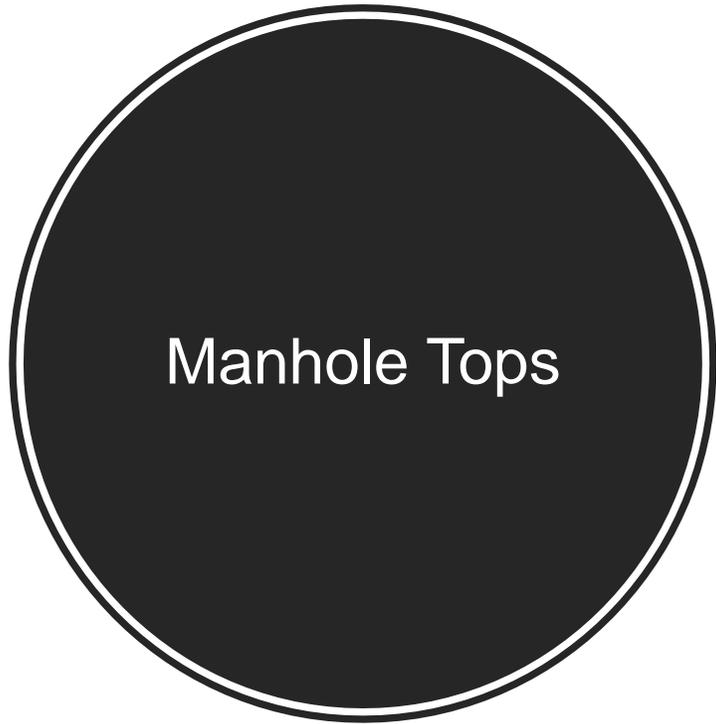
#### Dimensional Details



NOTES:  
1. Visit <https://www.designlights.org/search/> to confirm qualification. Not all product variations are DLC qualified.

1,250 KW  
Generator





## Rings and Covers - Detail

USF 385 RING AND COVER SERIES

<< Previous

Next >>

USF 385 RING AND COVER SERIES

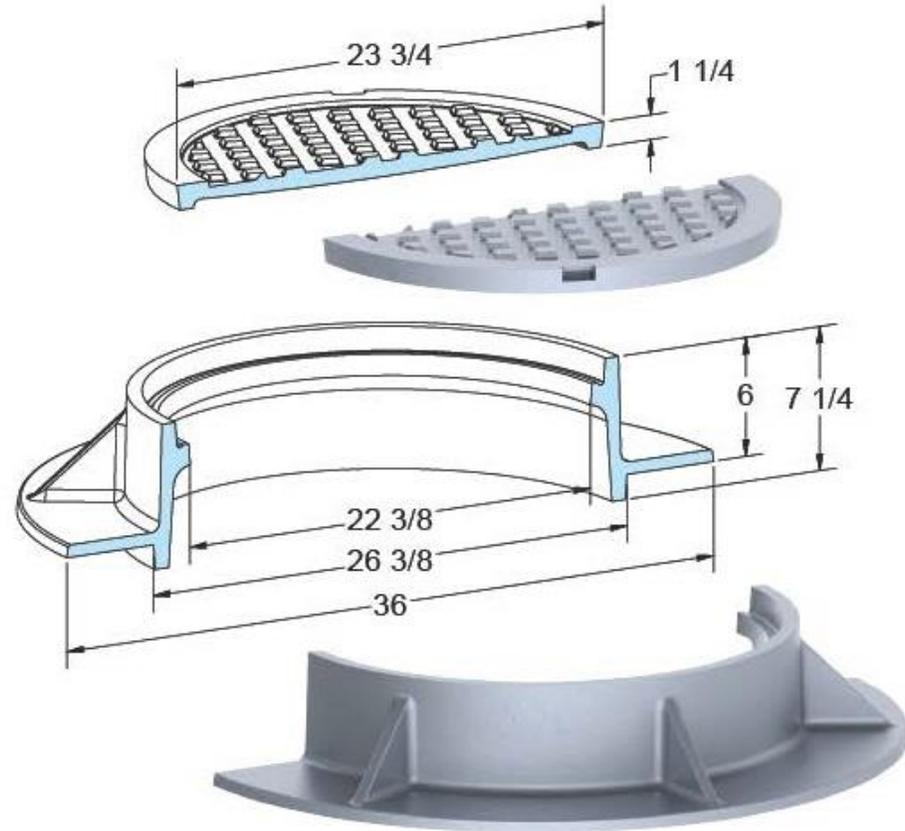
Back

Summary

Drawing

Lettering

Add to Project



USF 385-E SHOWN

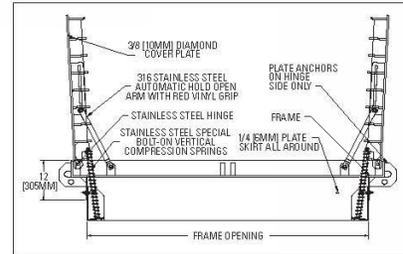
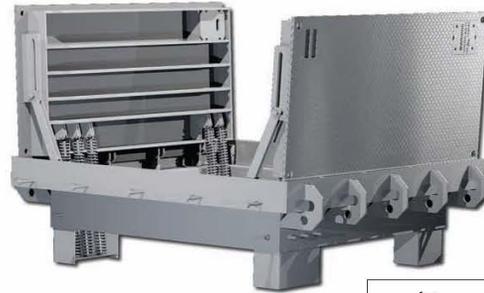
Handrails  
FDOT  
Approved



# Hatches

## DT93-AHS/AHD

Direct Traffic, Angle Frame, Heavy-Duty AASHTO HL-93 Loading, Single or Double leaf



### General Description

The heavy-duty angle type floor access door is intended for use in direct traffic applications. Designed to receive AASHTO HL93 wheel loads, for use in roadways up to and including those designated as ASTM C1802-14 load level 7. May not be suitable for some roadways inside or leading to seaport facilities, airports, military bases, freight terminals or other areas where extreme loading may occur, **Please contact us at 800.258.6873 if you have questions about a specific application.**

### Standard Features/Specifications

- Material:** Steel (hot dipped galvanized), stainless steel
- Frame:** 1/2" angle with special anchoring system welded to the frame and a skirt for a 12" top slab
- Covers:** 3/8" diamond plate reinforced for AASHTO HL-93 wheel loads
- Hardware:** 316 SS hinges and hinge pins
- Hold-Open Device:** 316 SS heavy duty hold-open arm
- Locking Devices:** Cover(s) are bolted to the frame with zinc plated grade 8 bolts  
Recessed staple for a padlock
- Lift Assist:** Stainless steel compression springs
- Lift Handle:** Flush with top of cover
- Warranty:** Five (5) years

SEE AVAILABLE OPTIONS TAB



**Two Lane Vehicular / Truck Traffic**  
ASTM C1802-14 Load Level 6 & 7

TRAFFIC/H20

