

From: [Sicbaldi, Joseph](#)
To: [SCQ](#)
Cc: [Seiler, Ann](#); [Mulkey, Cindy](#); [Hall, Danielle](#); [Chan, Andrew](#); [Tousignant, Paul](#); [Rosario, Wilfredo](#)
Subject: FPL Riviera Beach Energy Center - Post Certification Amendment Request
Date: Tuesday, November 26, 2019 8:45:27 AM
Attachments: [RBEC Amendment to Install New Sunshade Canopy Roof 11-26-2019.pdf](#)
[Attachment A - Site Map.pdf](#)
[Attachment B - Option 1.pdf](#)
[Attachment C - Option 2.pdf](#)

Good morning,

Attached is FPL's request for a post-certification amendment for the Riviera Beach Energy Center (RBEC). FPL is requesting an amendment to construct a new sunshade canopy over the existing chemical injection system. RBEC is proposing 2 options for construction and both are addressed in this request. Included in the submittal are the post-certification request, a site plan indicating the location of the proposed work and detailed drawings for each of the two options.

Please let me know if you have any questions. I appreciate your help in this matter.

Regards,
Joe

Joseph Sicbaldi JES/JB
Manager
Everglades Mitigation Bank
Florida Power & Light
700 Universe Blvd.
Juno Beach, FL 33408
O - 561-694-6388
C - 561-222-4111

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November 26, 2019

Ms. Cindy Mulkey
Office of Siting Coordination
Department of Environmental Protection
2600 Blair Stone Rd. MS 5500
Tallahassee, Florida 32399

RE: Florida Power & Light Company
Riviera Beach Energy Center
Power Plant Site Certification No. PA 09-54C
Post – Certification Amendment
Install Roof Shade Canopy

Dear Ms. Mulkey:

Florida Power & Light Company (FPL) is requesting a post-certification amendment to the Site Certification Application for FPL's Riviera Beach Energy Center (RBEC), pursuant to S. 403.5113, Florida Statutes, and Rule 62-17.205 (1) Florida Administrative Code. The purpose of this amendment request is to obtain approval for the installation of a roof canopy to shade the chemical injection system area.

The construction of the new roof canopy is proposed in two options. Option 1 will only cover the chemical injection system while Option 2 will cover the entire concrete containment area including the newly installed 5,000-gallon sodium bisulfite and sodium hypochlorite tanks. The two options will minimally increase the impervious area by 136 sq. ft. or 192 sq. ft. respectively and will not impact the site's stormwater management plan. The selected option has not yet been determined.

The chemical injection system is located on the north side of the plant property and a site map is attached to this request (Attachment A). The structural and foundation drawings for the two proposed options are also attached (Attachment B, Attachment C) for your review.

Thank you for your attention and consideration of FPL's request to amend the Site Certification for the RBEC. If you have any questions regarding this submittal, please contact me at (561) 694-6388.

Cindy Mulkey
July 1, 2019
Page 2 of 2

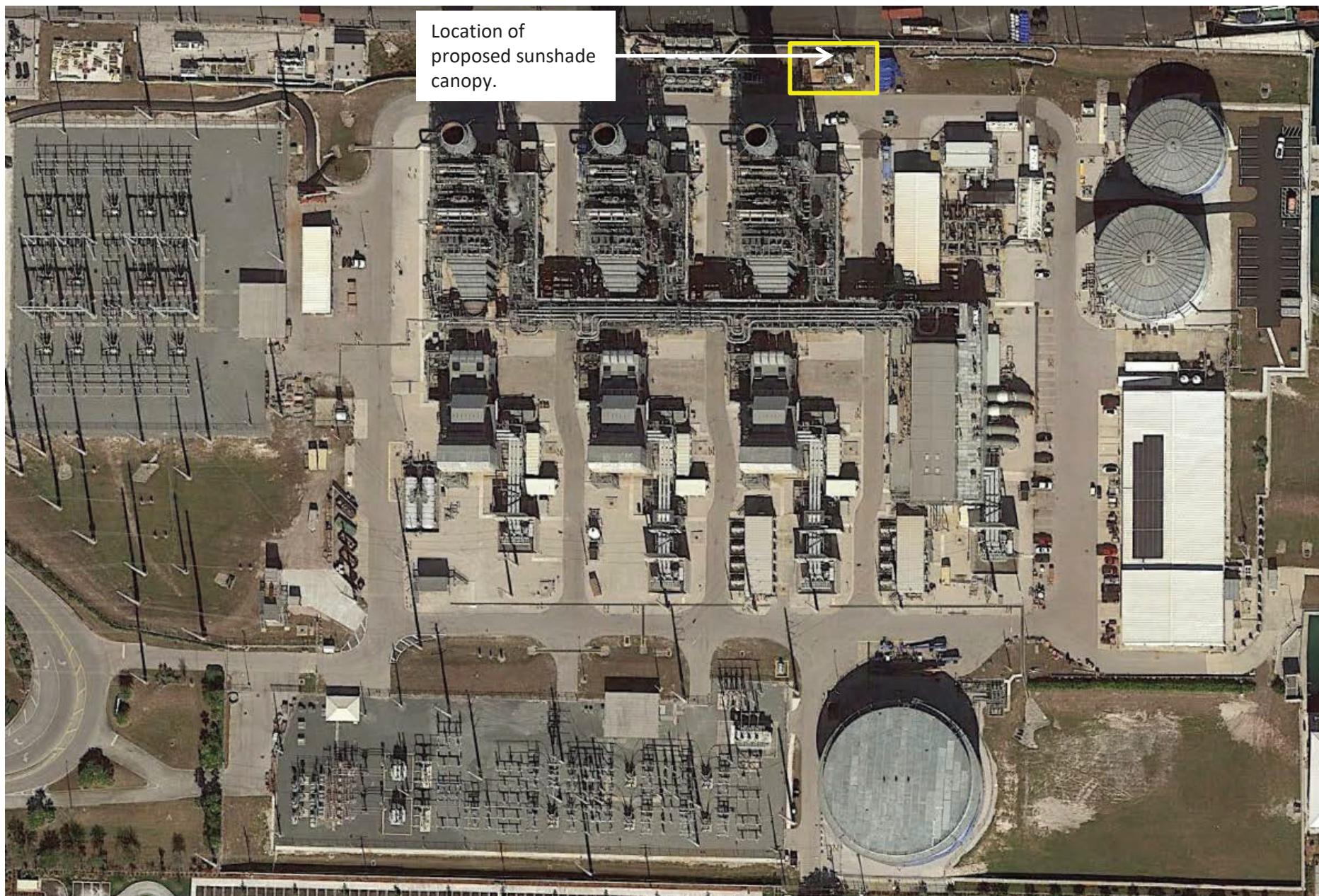
Sincerely,
Florida Power & Light Company

Joseph Sicbaldi

Digitally signed by Joseph Sicbaldi
DN: cn=Joseph Sicbaldi, o=Florida Powe &
Light Company, ou=Environmental Services,
email=joseph.sicbaldi@fpl.com, c=US
Date: 2019.11.26 08:39:11 -05'00'

Joseph Sicbaldi
Sr. Environmental Specialist

CC: Wilfredo Rosario, FPL – Sr. Environmental Specialist
Andrew Chan - Sr. Project Manager
Peter Cocotos, FPL - Legal



Location of
proposed sunshade
canopy.

Riviera Beach Energy Center – Site Map

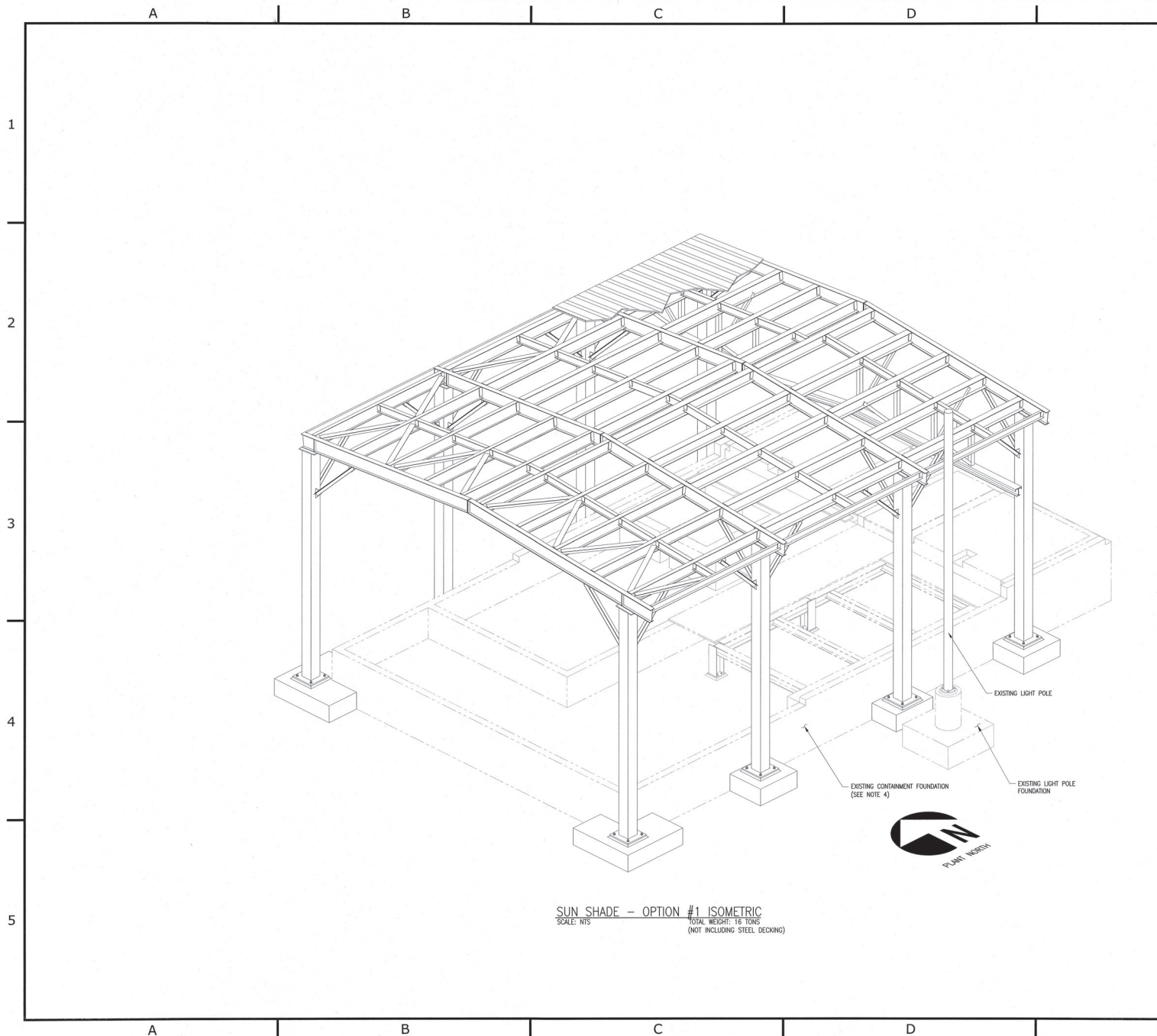


Option 1



Option 2

Sunshade Canopy Options



GENERAL NOTES:

1. FOR STRUCTURAL DESIGN NOTES SEE DRAWING 667008 S001-S001.
2. FOR STANDARD STEEL CONNECTION DETAILS SEE DRAWING 667008 S100-S001.
3. STRUCTURAL STEEL & BOLTS ARE SUPPLIED AS GALVANIZED.
4. FOR EXISTING FOUNDATION PLAN, SEE DRAWING 0008720-HRES10001 OF ZACHRY ENGINEERING.

LEGEND:

REFERENCE DWGS:

TANK
DIAMOND FIBERGLASS DWG. NO. IND6158

SODIUM BISULFITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M202-S-3

SODIUM HYPOCHLORITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M201-S-3

REFERENCE SPECS:

ORIGINAL

ISSUED FOR CONSTRUCTION

REVISION	DATE	BY	CHECKED	APPROVED	PROD. TECH.	DIR. TECH.	PROD. MGR.
1	9/6/19	ML	CL	CL			



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CONSTRUCTORS INC.
11335 N.E. 122ND WAY
SUITE 200
KIRKLAND, WA 98034-6937

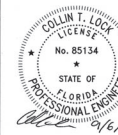
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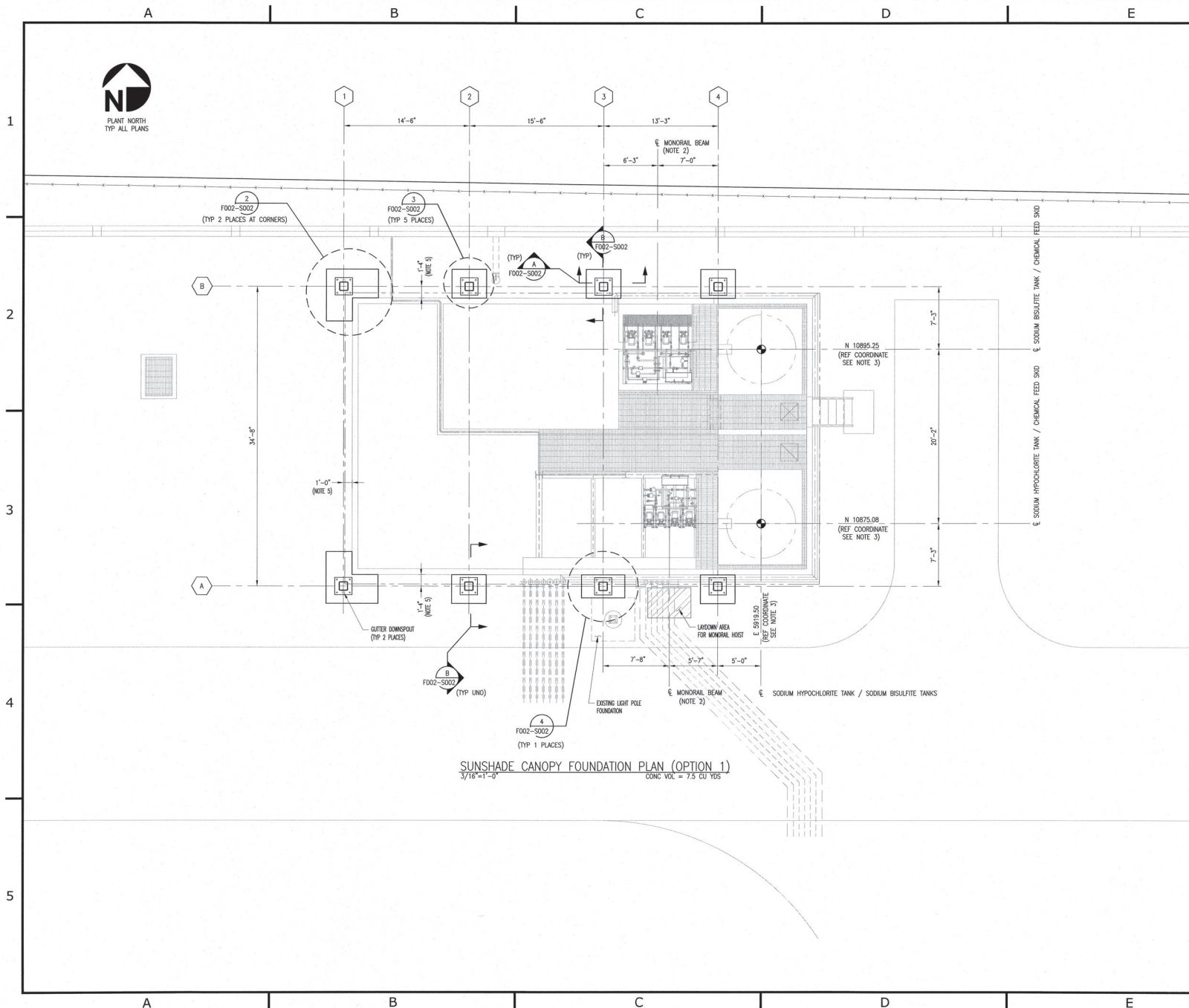
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FLORIDA POWER AND LIGHT
RIVIERA BEACH PLANT PALM BEACH COUNTY, FLORIDA
CHLORINATION CONTAINMENT CANOPY
TO NUMBER 2000312844

SUN SHADE - OPTION #1
STRUCTURAL STEEL ISOMETRIC
DWG. 667008 S002-S001





GENERAL NOTES:

- FOR STRUCTURAL DESIGN NOTES, SEE DRAWING 667008 S001-S001.
- FOR MONORAIL LOCATION, FIELD VERIFY.
- FOR FOUNDATION DETAILS, SEE DRAWING 667008 F002-S002.
- FOR EXISTING FOUNDATION PLAN, SEE DRAWING 0008720-HRES10001 OF ZACHRY ENGINEERING.
- DIMENSION INDICATES GRID LINE TO OUTSIDE FACE OF CONTAINMENT WALL.

LEGEND:

REFERENCE DWGS:

TANK
DIAMOND FIBERGLASS DWG. NO. IND6158

SODIUM BISULFITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M202-S-3

SODIUM HYPOCHLORITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M201-S-3

REFERENCE SPECS:

ORIGINAL

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FPL

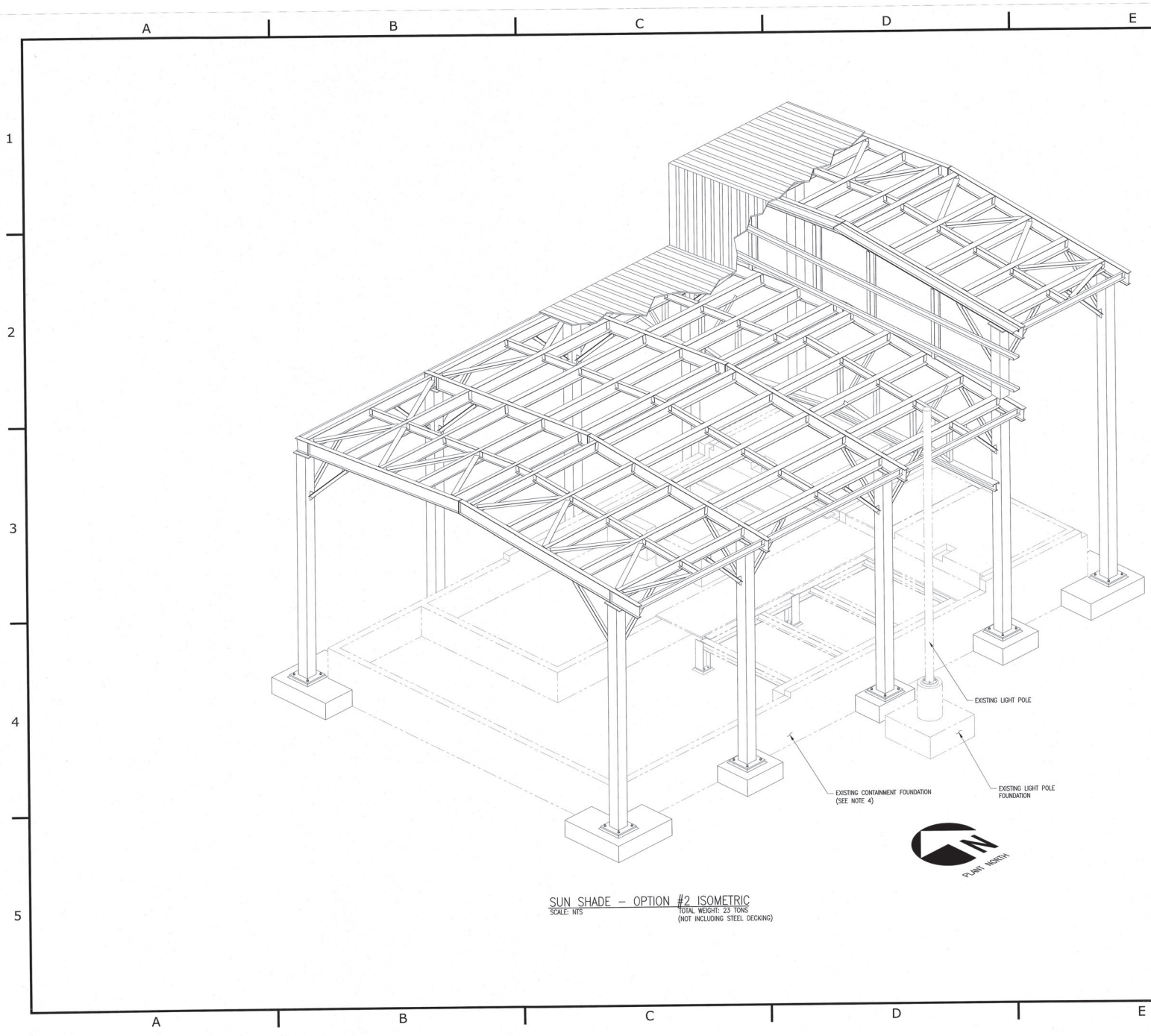
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RIVIERA BEACH PLANT PALM BEACH COUNTY, FLORIDA
CHLORINATION CONTAINMENT CANOPY
PO NUMBER 200312844
SUN SHADE - OPTION #1
FOUNDATION PLAN
DWG. 667008 F002-S001

Professional Engineer Seal:
COLLIN T. LOCK
No. 85134
STATE OF FLORIDA
PROFESSIONAL ENGINEER
9/6/19



SUN SHADE - OPTION #2 ISOMETRIC
 SCALE: NTS
 TOTAL WEIGHT: 23 TONS
 (NOT INCLUDING STEEL DECKING)

GENERAL NOTES:

1. FOR STRUCTURAL DESIGN NOTES SEE DRAWING 667008 S001-S001.
2. FOR STANDARD STEEL CONNECTION DETAILS SEE DRAWING 667008 S100-S001.
3. STRUCTURAL STEEL & BOLTS ARE SUPPLIED AS GALVANIZED.
4. FOR EXISTING FOUNDATION PLAN, SEE DRAWING 0008720-HRES10001 OF ZACHRY ENGINEERING.

LEGEND:

REFERENCE DWGS:

- TANK
 DIAMOND FIBERGLASS DWG. NO. WD6158
- SODIUM BISULFITE SKID
 EQUIPSOLUTIONS DWG. NO. J4603-M202-S-3
- SODIUM HYPOCHLORITE SKID
 EQUIPSOLUTIONS DWG. NO. J4603-M201-S-3

REFERENCE SPECS:

ORIGINAL

ISSUED FOR CONSTRUCTION

REVISION	DATE	BY	CHECKED	APPROVED	PROD. TECH.	DIR. TECH.	PROD. MGR.
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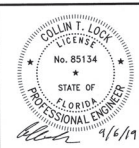
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 1135 NE 122ND WAY
 SUITE 200
 KIRKLAND, WA 98034-6937

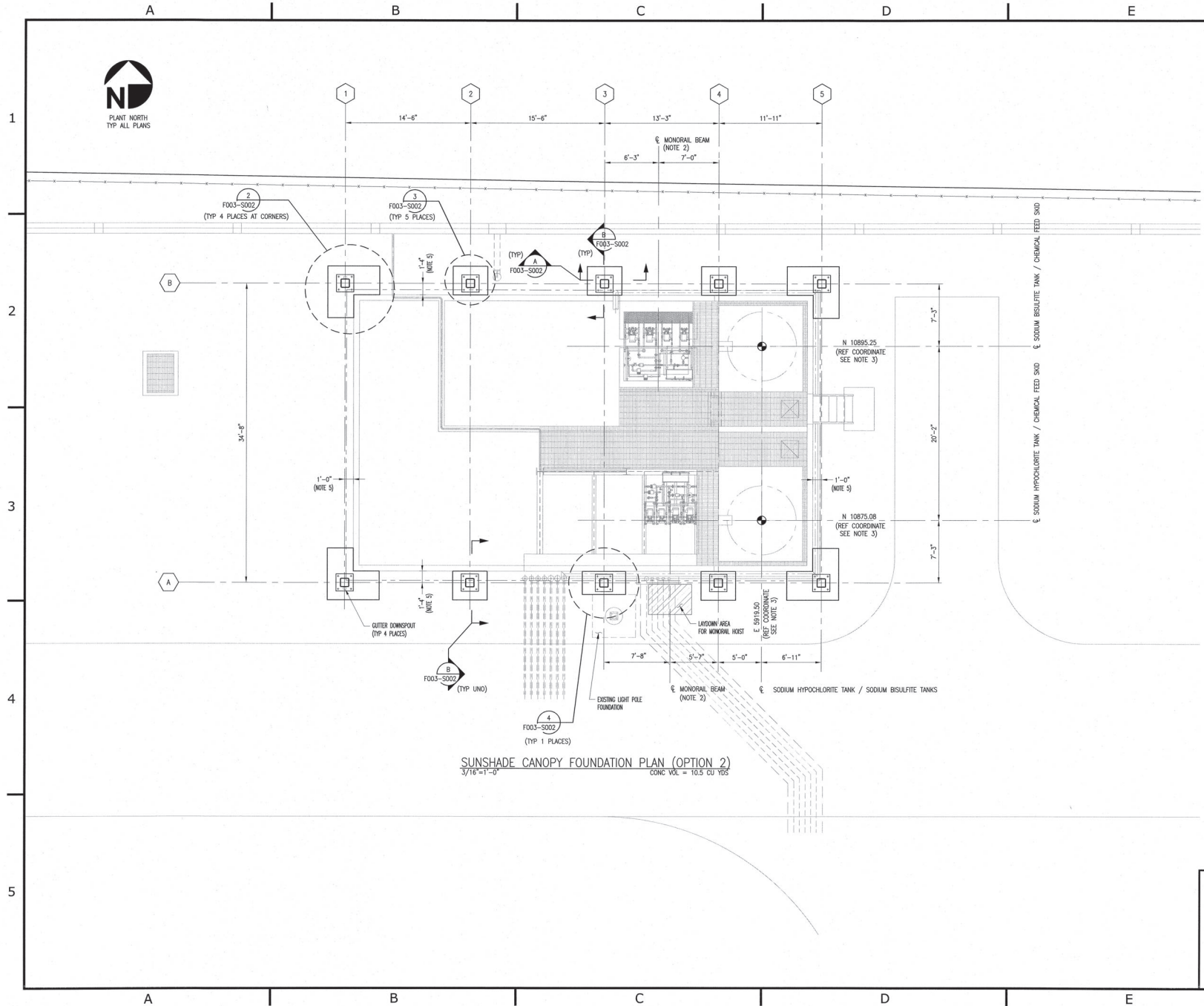
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FLORIDA POWER AND LIGHT
 RIVIERA BEACH PLANT PALM BEACH COUNTY, FLORIDA
 CHLORINATION CONTAINMENT CANOPY
 PS NUMBER 2000313844

SUN SHADE - OPTION #2
 STRUCTURAL STEEL ISOMETRIC
 DWG. 667008 S003-S001





SUNSHADE CANOPY FOUNDATION PLAN (OPTION 2)
3/16"=1'-0" CONC VOL = 10.5 CU YDS

- GENERAL NOTES:**
1. FOR STRUCTURAL DESIGN NOTES, SEE DRAWING 667008 S001-S001.
 2. FOR MONORAIL LOCATION, FIELD VERIFY.
 3. FOR FOUNDATION DETAILS, SEE DRAWING 667008 F003-S002.
 4. FOR EXISTING FOUNDATION PLAN, SEE DRAWING 0008720-HRES10001 OF ZACHRY ENGINEERING.
 5. DIMENSION INDICATES GRID LINE TO OUTSIDE FACE OF CONTAINMENT WALL.

LEGEND:

REFERENCE DWGS:

TANK
DIAMOND FIBERGLASS DWG. NO. IN06158
SODIUM BISULFITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M202-S-3
SODIUM HYPOCHLORITE SKID
EQUIPSOLUTIONS DWG. NO. J4603-M201-S-3

REFERENCE SPECS:

ORIGINAL

ISSUED FOR CONSTRUCTION

REVISION	DATE	BY	CHECKED	APPROVED	PROJ. TECH.	DIR. TECH.	PROJ. MGR.
1	9/6/19	SP	ML	CL	RK	CL	



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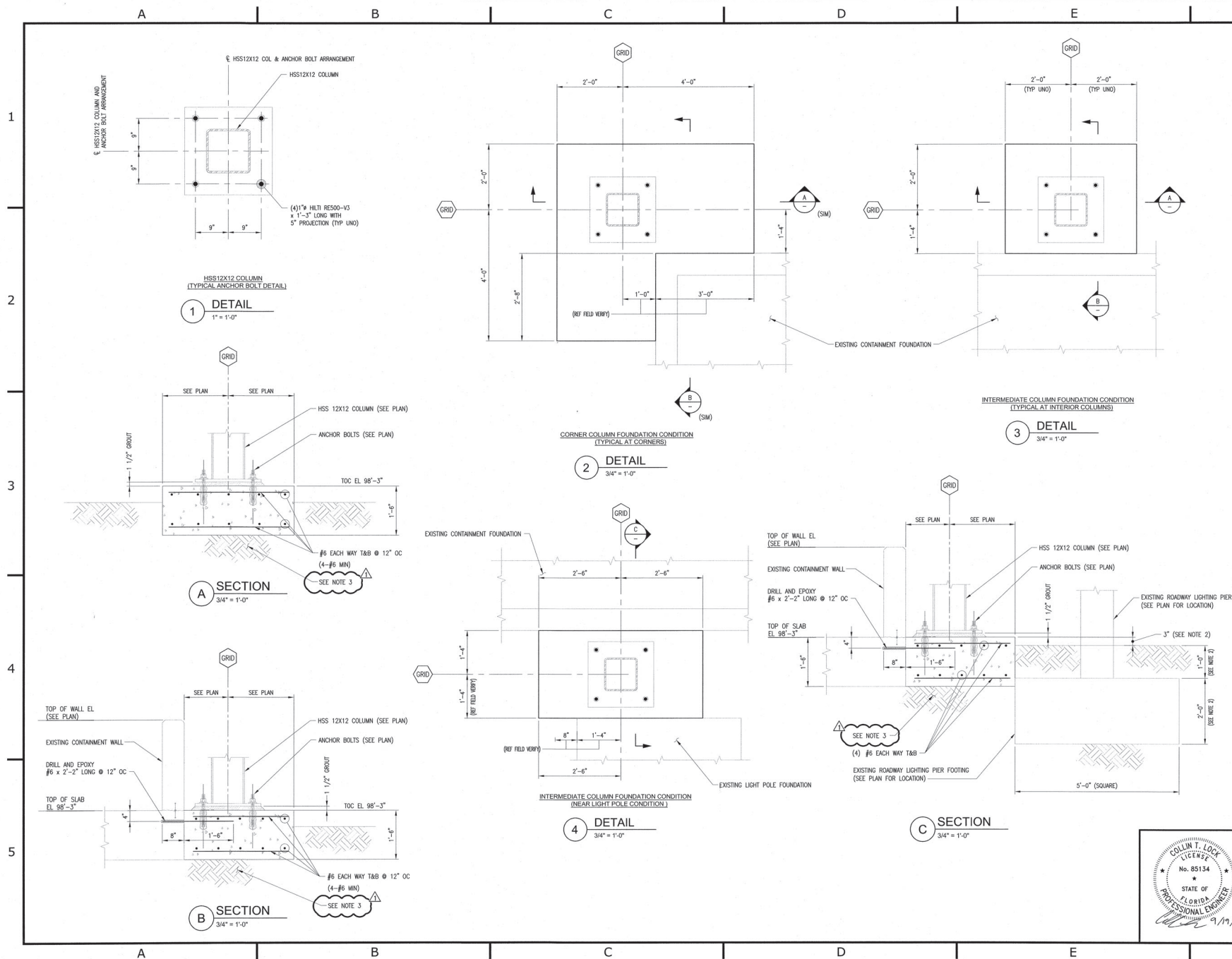
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RIVIERA BEACH PLANT PALM BEACH COUNTY, FLORIDA
CHLORINATION CONTAINMENT CANOPY
PO NUMBER 200312844

SUN SHADE - OPTION #2
FOUNDATION PLAN

DWG. **667008 F003-S001**





GENERAL NOTES:

1. FOR GENERAL NOTES, SEE DRAWING 667008 F003-S001.
2. FOR DIMENSIONS AND LOCATIONS FIELD VERIFY.
3. SUBGRADE TO BE COMPACTED TO 95% MAX DRY DENSITY AS DETERMINED BY ASTM D1557 MODIFIED PROCTOR TEST.

LEGEND:

REFERENCE DWGS:

REFERENCE SPECS:

ORIGINAL

ADDED NOTE 3

1/19/19 BS AL CL CL

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9/6/19 DC FPL CL BK CL

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FLORIDA POWER AND LIGHT

RIVIERA BEACH PLANT PALM BEACH COUNTY, FLORIDA

CHLORINATION CONTAINMENT CANOPY

PO NUMBER 2000313644

SUN SHADE - OPTION #2

FOUNDATION SECTIONS AND DETAILS

DWG. 667008 F003-S002

