Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

December 21, 2015

Sent by Electronic Mail – Document Access Verification Requested

Matthew Raffenberg
Director of Environmental Licensing and Permitting
Environmental Services Department
Florida Power & Light Company
700 Universe Blvd (JES/JB)
Juno Beach, Florida 33408

RE: West County Energy Center (PA 05-47)
Amendment Request AM15-111
Paving of existing gravel and asphalt areas

Dear Mr. Raffenberg:

On November 9, 2015, the Florida Department of Environmental Protection (Department) Siting Coordination Office received a request from Florida Power & Light Company (FPL) for a post-certification amendment to the West County Energy Center (WCEC) Site Certification Application (SCA). The amendment request is to pave four existing gravel and asphalt areas (see attached) totaling 6,446 square feet in the North Area of the site. These areas have been previously identified as impervious and no vegetation will be impacted.

Based on a review of the information submitted on November 9, 2015, and additional information submitted on December 16, 2015, the Department has determined that this proposal has been properly characterized as an amendment, as it requests a material change to FPL's SCA pursuant to Section 403.5113(1), Florida Statute (F.S.), but does not require modification to the SCA. This letter serves as notification of approval of the proposed amendment.

Failure to comply with all existing requirements of the Conditions of Certification, pursuant to Section 403.514, F.S. shall constitute a violation of Chapter 403. The

Department's notification shall become final unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, Florida Statutes (F.S.), within **21** days of receipt of this order. The procedures for petitioning for a hearing are set forth below.

Persons affected by this order have the following options:

If you choose to accept the above decision by the Department concerning the post-certification amendment you do not have to do anything. This order is final and effective as of the date on the top of the first page of this order.

If you disagree with the decision, you may do one of the following:

1. File a petition for administrative hearing with the Department's Office of General Counsel within **21** days of receipt of this order; or
2. File a request for an extension of time to file a petition for hearing with the Department's Office of General Counsel within **21** days of receipt of this order. Such a request should be made if you wish to meet with the Department in an attempt to informally resolve any disputes without first filing a petition for hearing.

Please be advised that mediation of this decision pursuant to Section 120.573, F.S., is not available.

How to Request an Extension of Time to File a Petition for Hearing

For good cause shown, pursuant to subsection 62-110.106(4), F.A.C., the Department may grant a request for an extension of time to file a petition for hearing. Such a request must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida, 32399-3000, within **21** days of receipt of this order. Petitioner, if different from the addressee, shall mail a copy of the request to the addressee at the time of filing. Timely filing a request for an extension of time tolls the time period within which a petition for administrative hearing must be made.

How to File a Petition for Administrative Hearing

A person whose substantial interests are affected by this order may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida, 32399-3000, within **21** days of receipt of this order. Petitioner, if different from the addressee, shall mail a copy of the petition to the addressee at the time of filing. Failure to file a petition within this time period shall waive the right of anyone who may request an administrative hearing under Sections 120.569 and 120.57, F.S.

Pursuant to Sections 120.54(5)(b)4 and 120.569(2), F.S. and Rule 28-106.201, F.A.C., a petition for administrative hearing shall contain the following information:

a) The name, address, and telephone number of each petitioner, the name, address, and telephone number of the petitioner's representative, if any, the site owner's name and address, if different from the petitioner, the DEP certification number for the facility, and the name and address of the facility;

b) A statement of how and when each petitioner received notice of the Department's action or proposed action;

c) An explanation of how each petitioner's substantial interests are or will be affected by the Department's action or proposed action;

d) A statement of the material facts disputed by the petitioner, or a statement that there are no disputed facts;

e) A statement of the ultimate facts alleged, including a statement of the specific facts the petitioner contends warrant reversal or modification of the Department's action or proposed action;

f) A statement of the specific rules or statutes the petitioner contends requires reversal or modification of the Department's action or proposed action; and

g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Department's action or proposed action.

This order is final and effective as of the date on the top of the first page of this order. Timely filing a petition for administrative hearing postpones the date this order takes effect until the Department issues either a final order pursuant to an administrative hearing or an order responding to supplemental information provided to the Department pursuant to meetings with the Department.

Judicial Review

Any party to this order has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this order is filed with the clerk of the Department (see below).

Questions

Any questions regarding the Department's review of this amendment request should be directed to Ann Seiler at (850) 717-9113. Questions regarding legal issues should be

referred to the Department's Office of General Counsel at (850) 245-2257. Contact with any of the above does not constitute a petition for administrative hearing or request for an extension of time to file a petition for administrative hearing.

Sincerely,

Cindy Mulkey
Program Administrator
Division of Air Resource Management

CC by email:

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Natalie Vitola, FPL: Natalie.Vitola@fpl.com

FILING AND ACKNOWLEDGMENT

FILED, on this date, pursuant to §120.52 Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

2015.12.21 15:17:18 -05'00'

Clerk Date

Service List: ***Sent by Electronic Mail – Document Access Verification Requested***

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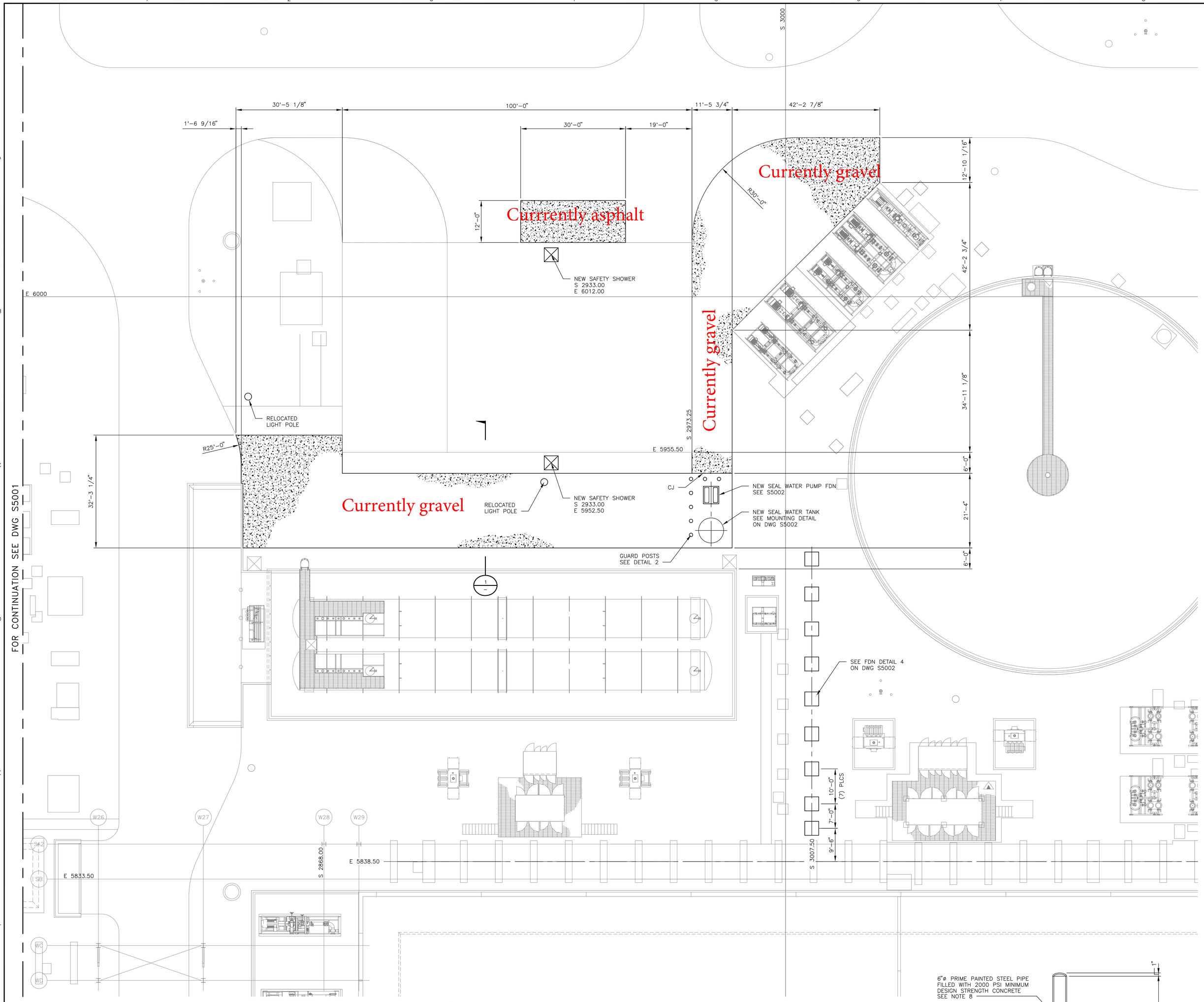
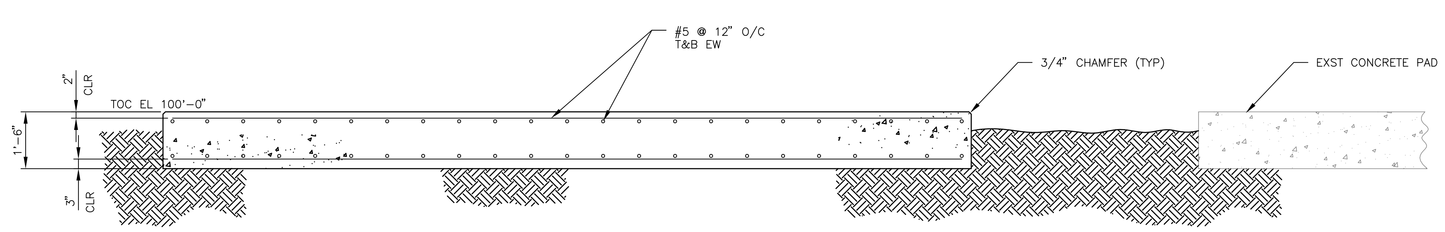
cc: lreilly@pbcgov.org



PLAN
SCALE: 3/32"=1'-0"



SECTION 1
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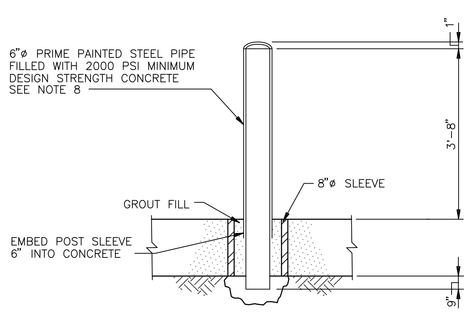

NOTE: MAXIMUM SPACING BETWEEN POSTS = 4'-0"

DETAIL 2
TYPICAL GUARD POST IN SLEEVE DETAIL
SCALE: NONE

CONCRETE GENERAL NOTES

1. MINIMUM IN-PLACE DENSITY OF SUBGRADE SOILS SUPPORTING STRUCTURES SHALL BE 95 PERCENT OF MAXIMUM DENSITY PER ASTM D 698. IF SOFT AND/OR LOOSE MATERIAL IS ENCOUNTERED AT FOOTING SUBGRADE, THE MATERIAL SHALL BE OVEREXCAVATED AND BACKFILLED WITH SELECT GRANULAR MATERIAL AND COMPACTED TO NOT LESS THAN 95% RELATIVE COMPACTION. BACKFILL MATERIAL SHALL BE PLACED IN LEVEL LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS. FOUNDATION EXCAVATIONS SHALL BE PROPERLY BACKFILLED AGAINST THE FOUNDATIONS IMMEDIATELY AFTER FORM REMOVAL. DRAINAGE SWALES SHALL BE PROVIDED TO DIRECT SURFACE RUNOFF AWAY FROM FOUNDATIONS.
2. CONCRETE CONSTRUCTION SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301-05 EXCEPT AS MODIFIED BELOW. CONTRACTOR SHALL KEEP AT LEAST ONE COPY OF ACI SP-15 IN THE FIELD OFFICE AT ALL TIMES.
3. CONCRETE 28 DAY DESIGN COMPRESSIVE STRENGTH SHALL BE 4000 PSI UNLESS NOTED OTHERWISE. CEMENT TYPE SHALL BE TYPE I/II. MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO SHALL BE 0.5. CONCRETE 28 DAY DESIGN COMPRESSIVE STRENGTH FOR LEAN WORK SLABS SHALL BE 2000 PSI WITH A MAXIMUM WATER/CEMENTITIOUS MATERIALS RATIO OF 0.75.
4. ALL CONCRETE SHALL INCLUDE A WATER-REDUCING ADMIXTURE COMPLYING WITH ASTM C 494, TYPE A. CONCRETE THAT IS TO BE PUMPED MAY INCLUDE A HIGH-RANGE WATER-REDUCING ADMIXTURE COMPLYING WITH ASTM C 494, TYPE F OR G. AIR ENTRAINING ADMIXTURE COMPLYING WITH ASTM C 260 SHALL BE PROVIDED BASED ON MILD EXPOSURE PER TABLE 4.2.2.4 OF ACI 301. THE USE OF CALCIUM CHLORIDE IS PROHIBITED. FLY ASH CONFORMING TO ASTM C 618 CLASS F, WITH LOSS ON IGNITION LIMITED TO 4 PERCENT, MAY BE USED UP TO 20% BY WEIGHT OF CEMENTITIOUS MATERIAL.
5. MAXIMUM SIZE OF AGGREGATE SHALL BE 1 INCH.
6. MAXIMUM WATER SOLUBLE CHLORIDE ION CONTENT IN CONCRETE AS REQUIRED BY ACI 301 TABLE 4.2.2.6 SHALL BE BASED ON MEMBER TYPES OF "OTHER REINFORCED CONCRETE CONSTRUCTION".
7. SUBMIT CONCRETE MIX DESIGN TO THE OWNER'S REPRESENTATIVE AT LEAST 2 WEEKS PRIOR TO START OF CONSTRUCTION.
8. STEEL REINFORCEMENT SHALL CONFORM TO ASTM A 615 GRADE 60 OR ASTM A 706 DEFORMED BARS.
9. INDICATED REINFORCEMENT SPACINGS ARE NOMINAL. BAR SPACING MAY BE ADJUSTED, BARS MAY BE FIELD CUT, AND/OR BAR MAY BE TERMINATED WITH A STANDARD HOOK AS REQUIRED TO AVOID INTERFERENCE WITH EMBEDMENTS OR BOXOUTS. HOWEVER, EXTRA BARS SHALL BE ADDED TO MAINTAIN BAR QUANTITIES SHOWN ON THE DRAWINGS. EXTRA BARS SHALL BE EXTENDED THE CLASS B SPLICE LENGTH BEYOND THE BOXOUT OR EMBEDMENT.
10. REINFORCING BARS SHALL BE EQUALLY SPACED WHERE NO SPECIFIC SPACING IS INDICATED.
11. WELDING OF REINFORCING STEEL SHOWN ON THE DESIGN DRAWINGS IS PROHIBITED.
12. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE IN ACCORDANCE WITH TABLE 3.3.2.3 OF ACI 301 UNLESS A GREATER AMOUNT IS INDICATED ON THE DRAWINGS.
13. FIELD BENDING OR STRAIGHTENING OF REINFORCING STEEL PARTIALLY EMBEDDED IN HARDENED CONCRETE IS PERMITTED AND SHALL BE DONE IN ACCORDANCE WITH PARAGRAPH 3.3.2.8 OF ACI 301.
14. REINFORCEMENT INSTALLED IN HARDENED CONCRETE SHALL BE INSTALLED WITH HILTI HY-200 ADHESIVE OR HIT RE 500 ADHESIVE. WHERE NO EMBEDMENT DEPTH IS INDICATED, EMBED BARS A MINIMUM OF 14 BAR DIAMETERS.
15. ALL EXPOSED CORNERS SHALL HAVE A 3/4" CHAMFER UNO.
16. NOTIFY OWNER'S REPRESENTATIVE AT LEAST 24 HOURS PRIOR TO CONCRETE PLACEMENTS.
17. CONSTRUCTION JOINTS SHALL BE CONSTRUCTED FOR BOND IN ACCORDANCE WITH PARAGRAPH 5.3.2.6 OF ACI 301. ROUGHEN SURFACES TO 1/4" AMPLITUDE.
18. ANCHOR BOLT EMBEDMENT AND PROJECTION SHALL BE PER ANCHOR BOLT MANUFACTURES REQUIREMENTS GIVEN THE EQUIPMENT MANUFACTURES LOADS UNO.

NOT TO BE USED FOR CONSTRUCTION
THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
A	14/OCT/2015	ISSUED FOR CLIENT REVIEW	SAJ	PAB		JCB	

12" 6" 0 1' 2' 3' 4' 5'
1/2"=1'-0"
12' 8' 4' 0 10' 20'
3/32"=1'-0"

BLACK & VEATCH 12740 Gran Bay Parkway West Suite 2140 Jacksonville, Florida 32258 CERTIFICATE OF AUTHORIZATION NO. 8132

ENGINEER: PAB	DRAWN: SAJ
CHECKED:	DATE:

FLORIDA POWER & LIGHT
WEST COUNTY ENERGY CENTER
ULTRAFILTRATION SYSTEM ADDITION
FOUNDATION PLAN

PROJECT NUMBER: 189242-CBSU-S5000	DRAWING NUMBER:	REV A
CODE:	REFERENCE DWG NUMBER:	
AREA:		

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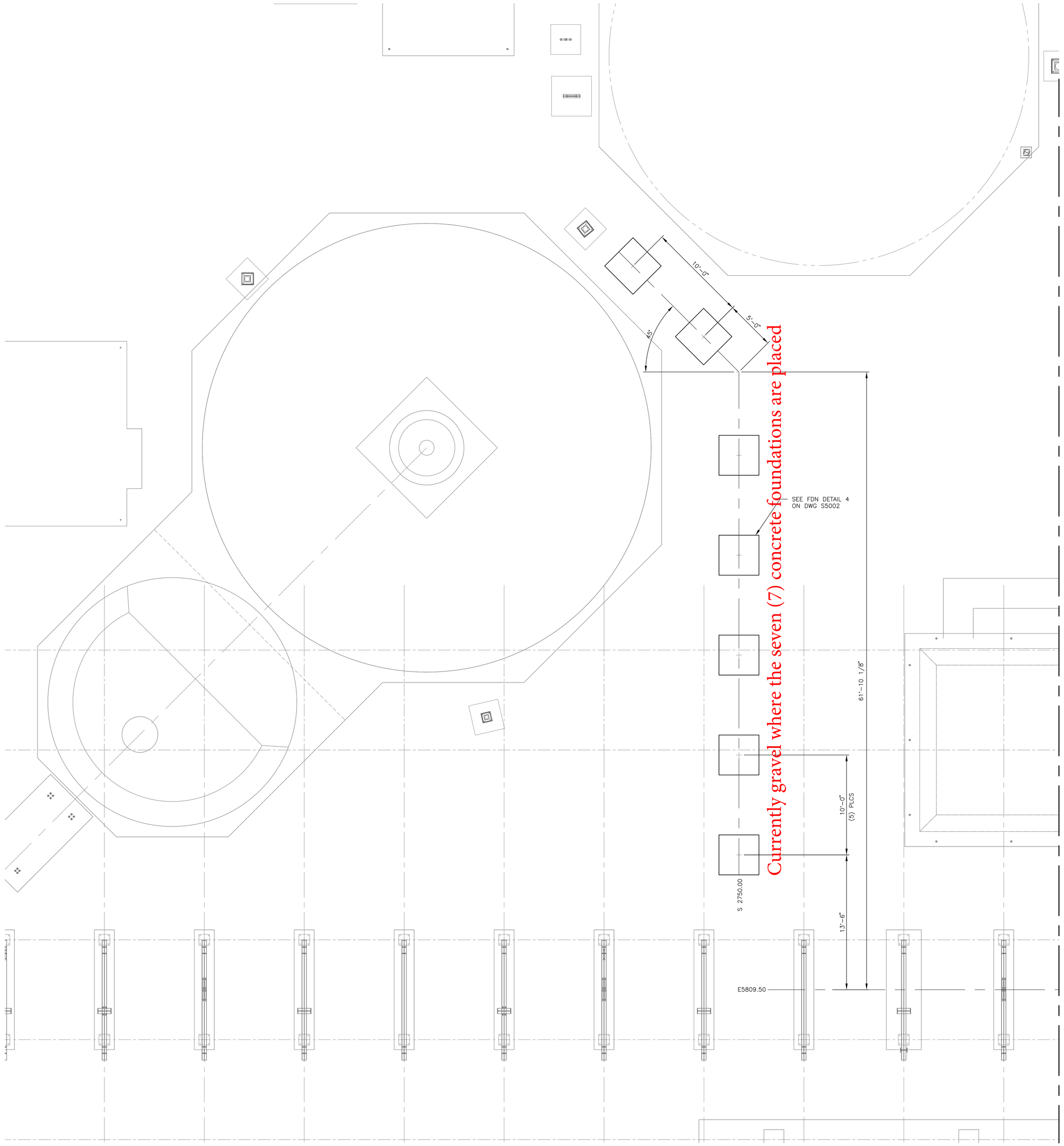

Currently gravel where the seven (7) concrete foundations are placed

NOTES

1. FOR GENERAL NOTES SEE DWG S5000.

NOT TO BE USED FOR CONSTRUCTION

THE DISTRIBUTION AND USE OF THE NATIVE FORMAT CAD FILE OF THIS DRAWING IS UNCONTROLLED. THE USER SHALL VERIFY TRACEABILITY OF THIS DRAWING TO THE LATEST CONTROLLED VERSION.

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
A	14/OCT/2015	ISSUED FOR CLIENT REVIEW	SAJ	PAB		JCB	

1/4" = 1'-0"

BLACK & VEATCH
12740 Gran Bay Parkway West
Suite 2100
Jacksonville, Florida 32258
CERTIFICATE OF AUTHORIZATION NO. 8132

ENGINEER: PAB | DRAWN: SAJ
CHECKED: | DATE:

FLORIDA POWER & LIGHT
WEST COUNTY ENERGY CENTER
ULTRAFILTRATION SYSTEM ADDITION
FOUNDATION PLAN

PROJECT NUMBER: 189242-CBSU-S5001 | DRAWING NUMBER: | REV A
CODE: | AREA:
REFERENCE DWG NUMBER:

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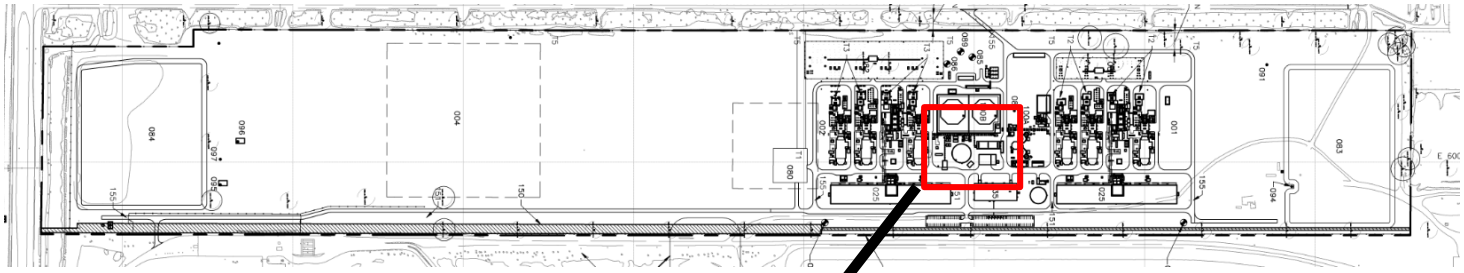
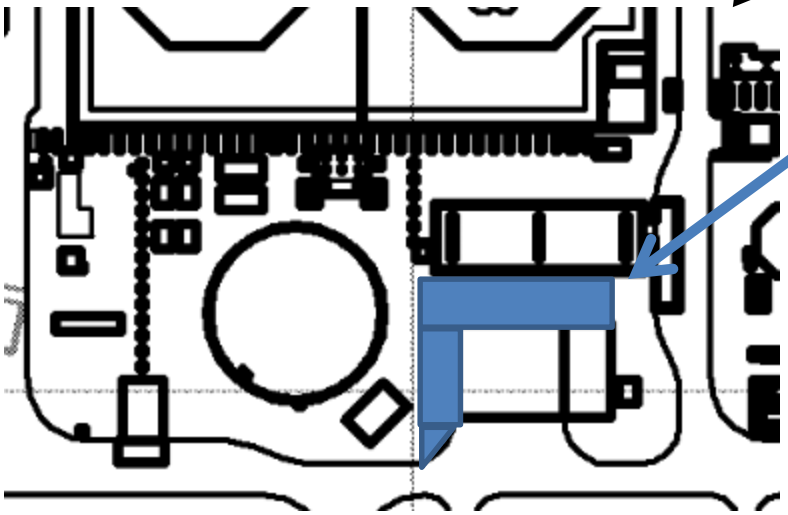
West County Energy Center – New UF Project, Concrete Addition





Area for new concrete (blue)

12/2/15