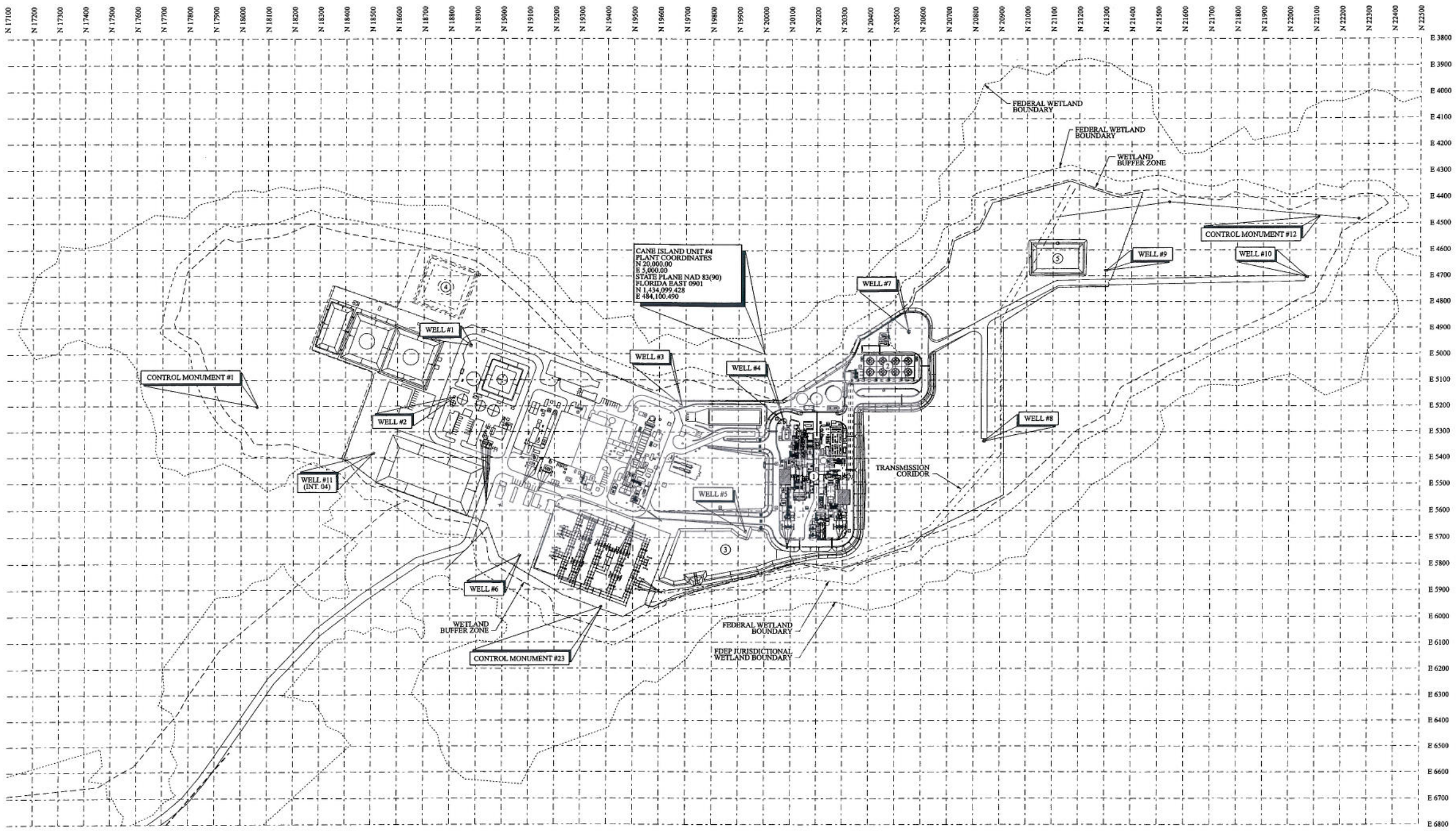

TRUE PLANT N

200 0 100 200 300 400

SCALE IN FEET

LEGEND

1. UNIT #4 CTG / HRSG / STG AREA (SEE REFERENCE DRAWING 1)
2. UNIT #4 COOLING TOWER (SEE REFERENCE DRAWING 1)
3. STORMWATER DETENTION POND
4. FUTURE FUEL OIL STORAGE
5. PERCOLATION POND (G003)

—— FENCE

GENERAL NOTES

1. COORDINATES ARE STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE 901, NAD 83(90).
2. CONTROL MONUMENT AND WELL LOCATIONS SUPPLIED BY BLACK AND VEATCH.
3. CONTROL MONUMENTS ARE 5"x12"x3 CONC MONUMENTS WITH BRASS DISC IN THE TOP. HORIZONTAL CONTROL IS BASED ON THE FLORIDA STATE PLANE COORDINATE - EAST ZONE (1983/90 N.A.D.) SYSTEM. THE ELEVATIONS ARE BASED ON THE NGVD 1929 DATUM FROM BENCHMARKS SET BY SOUTH FLORIDA WATER MANAGEMENT DISTRICT AND INFORMATION THAT WAS FURNISHED BY THE OSCEOLA COUNTY ENGINEERING DEPARTMENT. NAVD 1988 = NGVD 1929-0.912 FT. UNIT 4 SHALL BE CONSTRUCTED USING NGVD 1929 DATUM.

REFERENCE DRAWINGS

1. SITE RELATED WORK
   CTG / HRSG / STG AREA - GENERAL ARRANGEMENT
   D013384-STWL00002 SH01

CONDITIONAL USE PERMIT # CU08-00023

EIP09-0005

AREA DELINEATION

DESCRIPTION	AREA
CANE ISLAND POWER PARK SITE	1027 ACRES
CONSERVATION EASEMENT	876 ACRES
DEVELOPMENT AREA	151 ACRES
A. CANE ISLAND POWER PARK	47 ACRES
B. UTILITY CORRIDOR	104 ACRES
UNITS 1, 2 & 3 POWERBLOCKS	23 ACRES
AREA TO BE DEVELOPED	24 ACRES
A. UNIT 4 POWERBLOCK	9 ACRES
B. FUTURE DEVELOPEMENT	15 ACRES

CONTROL MONUMENTS

NO	PLANT COORDINATE	STATE PLANE COORDINATE	ELEVATION *	DESCRIPTION
1	N 18,063.25 - E 5,203.12	N 1,432,348.949 - E 484,953.765	78.05	
12	N 22,114.02 - E 4,473.44	N 1,435,905.858 - E 482,882.646	73.59	
23	N 19,382.04 - E 5,963.89	N 1,433,848.406 - E 485,217.602	74.15	
11 (INT. 04)	N 18,509.74 - E 5382.90	N 1,432,830.00 - E 484,970.00	NEW	

* SEE NOTE 3

WELLS

NO	PLANT COORDINATE	STATE PLANE COORDINATE	DESCRIPTION
1	N 18,882.91 - E 4,968.37	N 1,433,038.88 - E 484,452.83	EXISTING
2	N 18,819.44 - E 5,164.17	N 1,433,046.22 - E 484,658.53	EXISTING
3	N 19,685.48 - E 5,196.51	N 1,433,871.09 - E 484,392.72	EXISTING
4	N 20,075.13 - E 5,260.10	N 1,434,258.98 - E 484,319.21	EXISTING, TO BE MODIFIED
5	N 19,927.08 - E 5,678.37	N 1,434,262.92 - E 484,762.89	EXISTING
6	N 19,069.46 - E 5,767.33	N 1,433,487.45 - E 485,139.81	EXISTING
7	N 20,551.21 - E 4,912.83	N 1,434,587.58 - E 483,830.05	NEW
8	N 20,838.79 - E 5,334.69	N 1,435,002.10 - E 484,128.11	NEW
9	N 21,303.75 - E 4,678.19	N 1,435,214.49 - E 483,352.18	NEW
10	N 22,067.68 - E 4,703.09	N 1,435,940.87 - E 483,114.30	NEW
11 (INT. 04)	N 18,509.74 - E 5382.90	N 1,432,830.00 - E 484,970.00	NEW

3-9-09
Joel Morris

NAME JOEL MORRIS
LICENSE NO. 65182

NO	REVISIONS	DATE	DRAWN	CHKD	ESIND	APPD
4	ADDED NOTE #3	030909	SLS			
3	ADDED EIP NUMBER	021209	GPO	RDR	JRM	WSC
2	ADDED AREA DELINEATION CHART AND PERMIT NUMBER	011609	GPO	RDR	JRM	WSC
1	REVISED WELL #7	122304	GPO	RDR	JRM	MB
0	ISSUE FOR CONSTRUCTION					

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FMPA Florida Municipal Power Agency

ZACHRY

ZACHRY ENGINEERING CORPORATION - 1515 ARAPAHOE STREET, TOWER 1, SUITE 900, DENVER, CO 80202-4238
FLORIDA BOARD OF PROFESSIONAL ENGINEERS CERTIFICATE OF AUTHORIZATION # 26139
AMARILLO, TX CHARLOTTE, NC HOUSTON, TX MINNEAPOLIS, MN OMAHA, NE SAN ANTONIO, TX

CANE ISLAND UNIT 4
SITE RELATED WORK
OVERALL SITE
GENERAL ARRANGEMENT

DRAWN	DESIGN	DESIGNED	CHECKED	CHECKED
G.P. DARLINGTON		J. BRAUDT	N. SCOTT	D. REYNOLDS

APPROVED H. BLASINGAME

APPROVED S. Becker

DRAWING NUMBER D013384-STWL00001 SHEET 01 REV 4

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