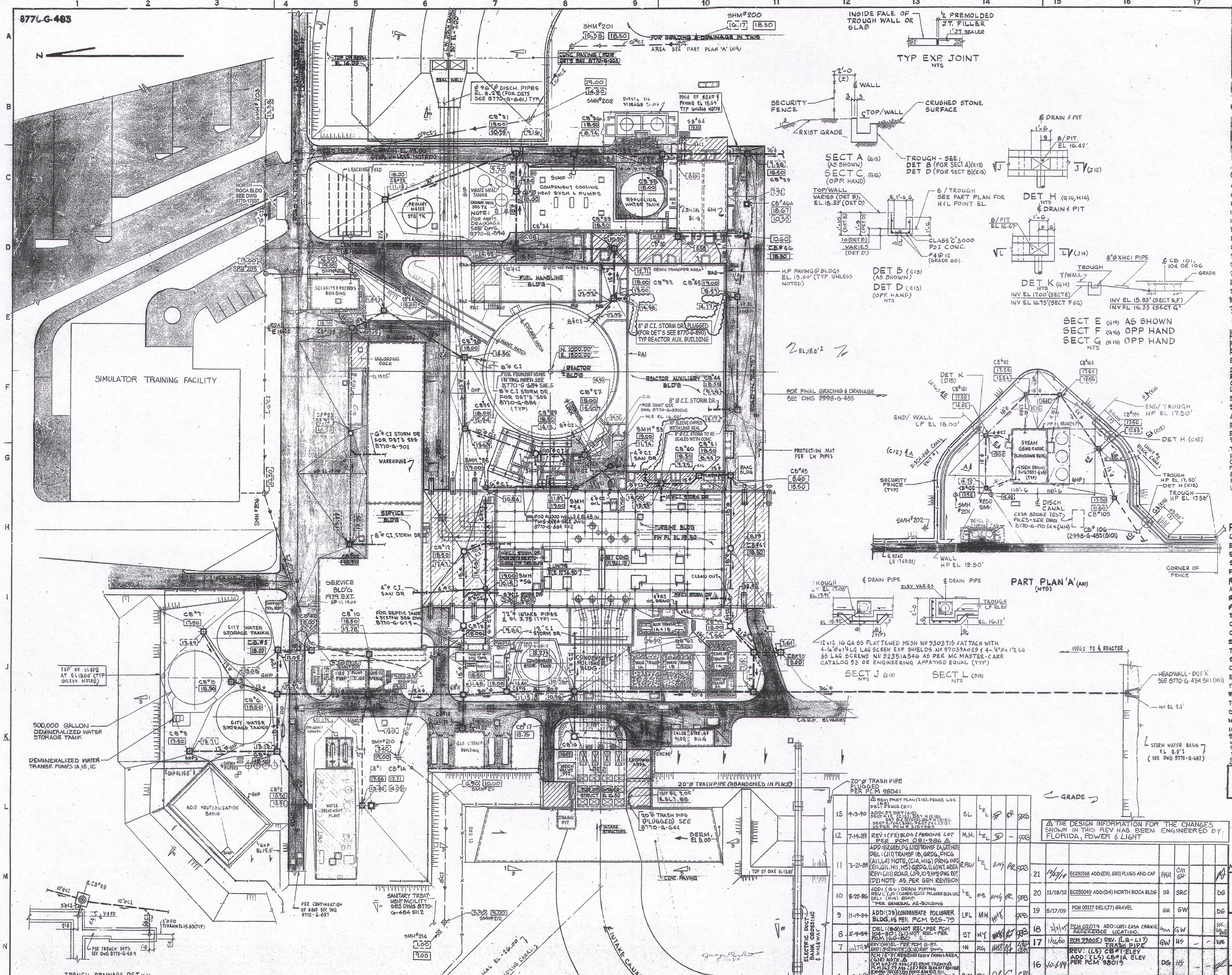
8770-G-483



PLAN LEGEND

00.00	DENOTES ELEVATION TOP OF COVER
00.00	DENOTES LOWER PIPE INVERT ELEVATION
	DENOTES ASPHALTIC CONCRETE ROADS & PAVING
	DENOTES CONCRETE PAVED AREA'S
	DENOTES STORM DR CATCH-BASIN (C.B.)
	DENOTES STORM DR PIPE, DIA, & FLOW DIRECTION
	DENOTES SANITARY MANHOLE (S.M.H.)
	DENOTES SANITARY PIPE, DIA, & FLOW DIRECTION
	DENOTES ELECTRICAL MANHOLES OR HANDHOLES (8770-G-407)
G.H.P.	DENOTES GRADE HIGHPOINT (EL 18.50) TYP UNLESS NOTED
	DENOTES GRAVEL FILLED OIL SEPARATING PIT
	DENOTES TRASH PIPE, DIA, & FLOW DIRECTION
	DENOTES OIL SEPARATING BOX (SB)

QUANTITIES (NET BY FIELD UNLESS NOTED)

4"Ø X.H C.I PIPE (INCLUDING FITTINGS-TYP)	300 LIN FT
6"Ø X H C I PIPE	350 LIN FT
8"Ø X.H. C.I. PIPE	320 LIN FT
10"Ø X.H. C.I. PIPE	200 LIN FT
12"Ø X.H. C.I. PIPE	50 LIN FT
12"Ø REINF CONC PIPE (ASTM C-76-CLASS IV-TYP)	730 LIN FT
15"Ø REINF CONC PIPE	520 LIN FT
18"Ø REINF CONC PIPE	1240 LIN FT
21"Ø REINF CONC PIPE	330 LIN FT
24"Ø REINF CONC PIPE	480 LIN FT
27"Ø REINF CONC PIPE	130 LIN FT
30"Ø REINF CONC PIPE	510 LIN FT
33"Ø REINF CONC PIPE	270 LIN FT
36"Ø REINF CONC PIPE	1390 LIN FT
20"Ø TRASH CONC PIPE WITH 2 ELBOWS SEE SPEC	840 LIN FT
3"Ø X.H. C.I. PIPE	110 LIN FT

NOTES

FOR CATCH BASIN LOCATIONS & DETAILS SEE CATCH-BASIN SCHEDULE DWG 8770-G-484

FOR PLANT AREA ROADS SEE DWG 8770-G-485

DRAINAGE COMPUTATIONS ARE BASED ON AN AVERAGE RAINFALL INTENSITY OF 6.00 INCHES PER HOUR. COEFFICIENT OF RUN-OFF FOR ALL PAVED AREAS = 100% AND UNPAVED AREAS = 40%.

STORM DRAINAGE PIPE SLOPE = 0.005'/FT

SANITARY SYSTEM PIPE SLOPE = 0.005'/FT UNLESS NOTED

ALL CAST-IRON PIPE AS SHOWN SHALL BE X.H. C.I. PIPE

FOR ADDITIONAL NOTES SEE 8770-G-484

FOR OIL SEPARATING BOX LOCATIONS & DETAILS SEE OIL SEPARATING BOX SCHEDULE DWG 8770-G-484

TRASH PIPE SLOPE = .005'/FT

FOR RESIN TRANSFER AREA NOTES, SEE 8770-G-485 SH. 1

FOR SANITARY MANHOLE SCHEDULE SEE DWG 8770-G-484, SH1 & 2.

FOR SERVICE BLDG 1979 EXTENSION SEE DWG'S UNDER PO BF 979563.

REFERENCE DRAWINGS

LIST OF DRAWINGS	8770-A-140
EXCAVATION - PLANS & DETAILS - SH 1	8770-G-481
EXCAVATION & BACKFILL - PLANS & DET'S - SH 2	2998-G-482
SITE GRADING & DRAINAGE - SH 2	8770-G-484 SH1
PLANT ROADS - PLAN & SECT'S - SH 1	8770-G-485
REACTOR BLDG - BASE SLAB - PLAN - MAS	8770-G-488
MAIN STEAM TRESTLE FDN - SECT'S & DET'S - MAS	8770-G-439
REACTOR AUX BLDG - BASE SLAB - PLAN - MAS	8770-G-554
FUEL HANDLING BLDG - BASE SLAB - PLAN & SECT - MAS	8770-G-595
TURBINE BLDG - GEN FDN PLAN - BASE SLAB - MAS	8770-G-607
C.W.S. - GENERAL PLAN & PROFILE	8770-G-641
C.W.S. - INTAKE CHANNEL & DISCHARGE CANAL	2998-G-663
SEPTIC TANK - MAS & REINF	8770-G-679
TRANSFORMER YARD - GENERAL FDN PLAN	8770-G-688
SERVICE BLDG - FDN PLAN - MAS	8770-G-651
CONSTRUCTION FACILITIES (FIELD DWG)	F.6. 8770-1
ENLARGED PLOT PLAN (MECH)	8770-G-059
YARD DUCT RUNS AND LIGHTING	8770-G-407
REACTOR AUX BLDG - GR FL PLAN & TOILET RM DET - PLUMB & DR (A-S)	8770-G-890
TURBINE BLDG - GR FL PLAN - PLUMB & DR (A-S)	8770-G-896
COMPONENT COOLING PUMPS - FDN - MAS	8770-G-671
MAIN STEAM TRESTLE FDN - PLAN (SECT'S) DET'S MAS	8770-G-489
INTAKE STRUCTURE - SECT - MAS	8770-G-644
SERVICE BLDG - FL PLAN - PLUMB & DR. (A-S)	8770-G-901
WATER TREATMENT AREA - PLUMBING & DRAINAGE (A-S)	8770-G-908
SITE GRADING & DRAINAGE SH 4	8770-G-687
S.G.B.T.F. - PLUMBING & DRAINAGE	3569-G-651
SITE GRADING & DRAINAGE SH 3	8770-G-484 SH2
SITE GRADING & DRAINAGE SH 1	2998-G-483

AS BUILT DRAWING TRANSFERRED TO FPL 8-29-86

⚠ THE DESIGN INFORMATION FOR THE CHANGES SHOWN IN THIS REV HAS BEEN ENGINEERED BY: FLORIDA, POWER & LIGHT

NO.	DATE	REVISION	BY	CH	APPROVED
13	4-3-90	⚠ REV: PART PLAN (I15), FENCE LOC (B8) DEL: FENCE (B11) ADD: JT DET (A13), SECT A & C (C12), DET H (C15) DET B & D (D13), DET K (D15), SECT E, F & G (E16), SECT J & L (J13) AS PER PCM # 315-989	SL	LEL	
12	7-14-89	REV: (F2) BLDG & PARKING LOT PER PCM 081-986 ⚠	M.M.	LEL	
11	3-21-88	ADD: (G2, G11) BLDG, (J10) TRANSF 2A, (J17) NOTE DEL: (J11) TRANSF 1B, GRDG, FNCG (A11, L4) NOTE, (C14, H16) DRNG INFO (E11, G11, H11, N5) GRDG, (L6) W.T. AREA REV: (J11) ROAD, (J19, K19, H19) DWG REF, (D2) NOTE AS PER GEN REVISION	R.PAV	LEL	EMG
10	8-22-86	ADD: (G9) DRAIN PIPING REV: (J9) CONDENSATE POLISHER BLDG LOC DEL: (H14) ROAD PER GENERAL AS-BUILDING	LEL	FS	EMG
9	11-19-84	ADD: (J9) CONDENSATE POLISHER BLDG, AS PER PCM 525-79	LFL	MH	
8	5-9-84	DEL: (B6) NOT REL-PER PCM 104-80; (L1) NOT REL-PER PCM 166-80	ST	NY	
7	01/27/84	REV (H4) EL-PER PCM 8-82 ADD: (F12) NOTE; (K18) REF DWG	NN	RG	
6	10-6-82	PCM 15-81 ADD (D10) RESIN TRANS AREA, (G18) NOTE. ⚠ PCM 603-79 ADD (J8) VALVE TRENCH ⚠ PCM 563-79 ADD (I5) SER BLDG EXT REV (B8) RM 440-78 (C8) REV FENCE ADD (D5, B11, C6, C9, E6, F4, F7, F8, G15, J11, M6, M12, K10) FENCE, DEL (F5, M5, I2) FENCE PCM 392-78 ADD (A8, A9, C4, C8, D4, G4, I7, J4, J6, L6, N6) SMH & PIPE ADD (G18 K18 H19) NOTE. DEL: (B11, H15) CONTR. OFFICE	A.M.	TKC	

NO.	DATE	REVISION	BY	CH.	APPROVED
21	10/27/14	EC281568 ADD: (E10, G10) PLUGS AND CAP	RAH	CM	
20	11/18/12	EC250049 ADD: (D4) NORTH ROCA BLDG	DB	SRC	DG
19	5/17/09	PCM 05117 DEL: (J7) GRAVEL	GM	GW	DG
18	2/7/05	PCM 02079 ADD: (H15) CASK CRANE REFERENCE LOCATION.	GM	GW	SHC
17	1/26/00	PCM 99005: REV. (L8-L17) TRASH PIPE	GW	HS	
16	10-6-99	REV: (L5) CB#1 ELEV ADD: (L5) CB#1A ELEV PER PCM 98019	DG	HS	
15	7/15/99	PCM 98041 ADD: (M9) 6"-CL-27 PIPE	GM	HS	
14	3/24/98	CRN 97064-7720 ADDED NOTE (F-7)	RR	JM	

WORK THIS DWG WITH DWG 8770-G-484

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FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 – 890,000 KW INSTALLATION – UNIT NO. 1
SITE GRADING & DRAINAGE-SH.1

EBASCO SERVICES INCORPORATED NEW YORK

SCALE: 1"=40'	APPROVED	DATE 11-23-71
DIV. CONC-HYD		
DR. SCHRIMPF		8770-G-483
CH. AGRECKI		

CAD FILE: R8770-G-483_R21.dwg

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