



QUANTITIES:

MUCK EXCAVATION	BY FIELD
SAND BACK FILL	BY FIELD
6" GROUT FILLED FABRIC (FABRIFORM OR EQUAL)	BY FIELD
6" GROUT FILLED FABRIC (FABRIFORM OR EQUAL)	18,500 S.F.
CONC CLASS 'AA' (4000 PSI)	BY FIELD

NOTES:
 FOR CONCRETE CLASS, SEE CORRESPONDING SECTION.
 FOR PIPELINE AND OCEAN STRUCTURES CONSTRUCTION, REFER TO EBASECO SPEC FLO 911.025 (UNIT 1)
 ALL COORDINATE LOCATIONS ARE REFERENCED TO NORTH-SOUTH AND EAST-WEST BASE LINES OF PLANT
 ALL ELEVATIONS ARE REFERENCED TO MEAN LOW WATER 6' 10" (OCEAN)
 DEMOLITION SHALL INCLUDE REMOVAL OF INSITU SOILS INCLUDING UNCOMPACTED CLAYS & SILTS
 FOR CANAL EXCAVATION AND DIKE CONSTRUCTION REQUIREMENTS SEE EBASECO SPECIFICATION FLO 252.479 D OCEAN BOTTOM PROFILES BASED ON 12 MONTH AVERAGE BEGINNING WITH 10-15-71
 FOR DISCHARGE CANAL MODIFICATIONS SEE DWGS 8770-G-721 THRU 8770-G-726

UNIT #1 REFERENCE DWGS:

HEADWALL STRUCTS SECT 1 DETAILS	G-694-1
HEADWALL STRUCTS SECT 1 DETAILS	G-694-2
SITE GRADING (DRAINAGE SH-4)	G-657
A-A BRIDGES OVER FF/CO ST LUCIE PLANT INTAKE (DISCHARGE CANALS AS PREPARED BY CARR SMITH ASSOCIATES CONSULTING ENGINEERS, FLA)	

LEGEND

- DENOTES EASEMENT AREA
- DENOTES CONCRETE STRUCTURES
- DENOTES CWS FLOW DIRECTION

REFERENCE DWGS 2998

LIST OF DRAWINGS	A-146
THIRD INTAKE PIPELINE DIKE (CANAL MOD SH 1)	G-664-530
DISCH PIPE UNIT #1 BLKHP MODIFICATION	G-664-513
BLKHP STRUCT M&R SH 2	
HEADWALL STRUCTURE SH 1	G-664-524
VELOCITY CAP SH 1	G-664-525
PIPE PLAN & PROFILE	G-664-532
EXCAV & BACKFILL PLANS E-F-SH 2	G-664-535
PLANT ROADS - PLANE SECT 6	G-664-536
CWS OCEAN INT & DISCH SH 3	G-664-537
CWS OCEAN INT & DISCH SH 4	G-664-538
DISCH CANAL HEADWALL STR-M&R SH 1	G-664-501
DISCH CANAL HEADWALL STR-M&R SH 2	G-664-502
CWS OCEAN INT 1 DISCH SH 2	G-664-503
CWS OCEAN INT 1 DISCH SH 5	G-664-505
CWS OCEAN INT 1 DISCH SH 6	G-664-506
CWS SEAL WELL-M&R	G-664-507

UNIT #1 REFERENCE DWGS 8770

LIST OF DRAWINGS	A-146
PLANT ROADS - PLANE SECT 6	G-465
CWS - OCEAN INTAKE & DISCH - PROFILE	G-664 SH 1
CWS - OCEAN INTAKE & DISCH - SECT	G-664 SH 2A
AND DETAILS SH 2	G-664 SH 3
CWS - OCEAN INTAKE & DISCH - SECT	G-664 SH 3.2
AND DETAILS SH 3	G-664 SH 3.2

DISCH CANAL DIKE MODIF. MONITORING DOCK G-723
 CWS SEAL WELL - M&R G-664-507
 CWS DISCH CANAL DIKE MODIF. SAFETY BARRIER G-722
 CWS DISCH CANAL DIKE MODIF. SEALWELL HEADWALL G-724
 CWS DISCH CANAL DIKE MODIF. SPILLWAY M&R TRUNK G-726

WORK THIS DWG WITH DWGS G-663-502, 505, 508, 504, G-664-513, 524, 528 & 532.

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FLORIDA POWER & LIGHT COMPANY
 ST. LUCIE PLANT
 1985 - 890,000 KW EXTENSION - UNIT NO. 2
 CIRCULATING WATER SYSTEM
 OCEAN INTAKE & DISCHARGE SH 1

EBASECO SERVICES INCORPORATED NEW YORK

SCALE(S) NOTED	APPROVED	DATE
DW. G.H.	<i>[Signature]</i>	2/27/75
DRS. CHEERON	<i>[Signature]</i>	2998
CH. J. CHEERON	<i>[Signature]</i>	G-663-S0 1

2998-G-663 SH. 1