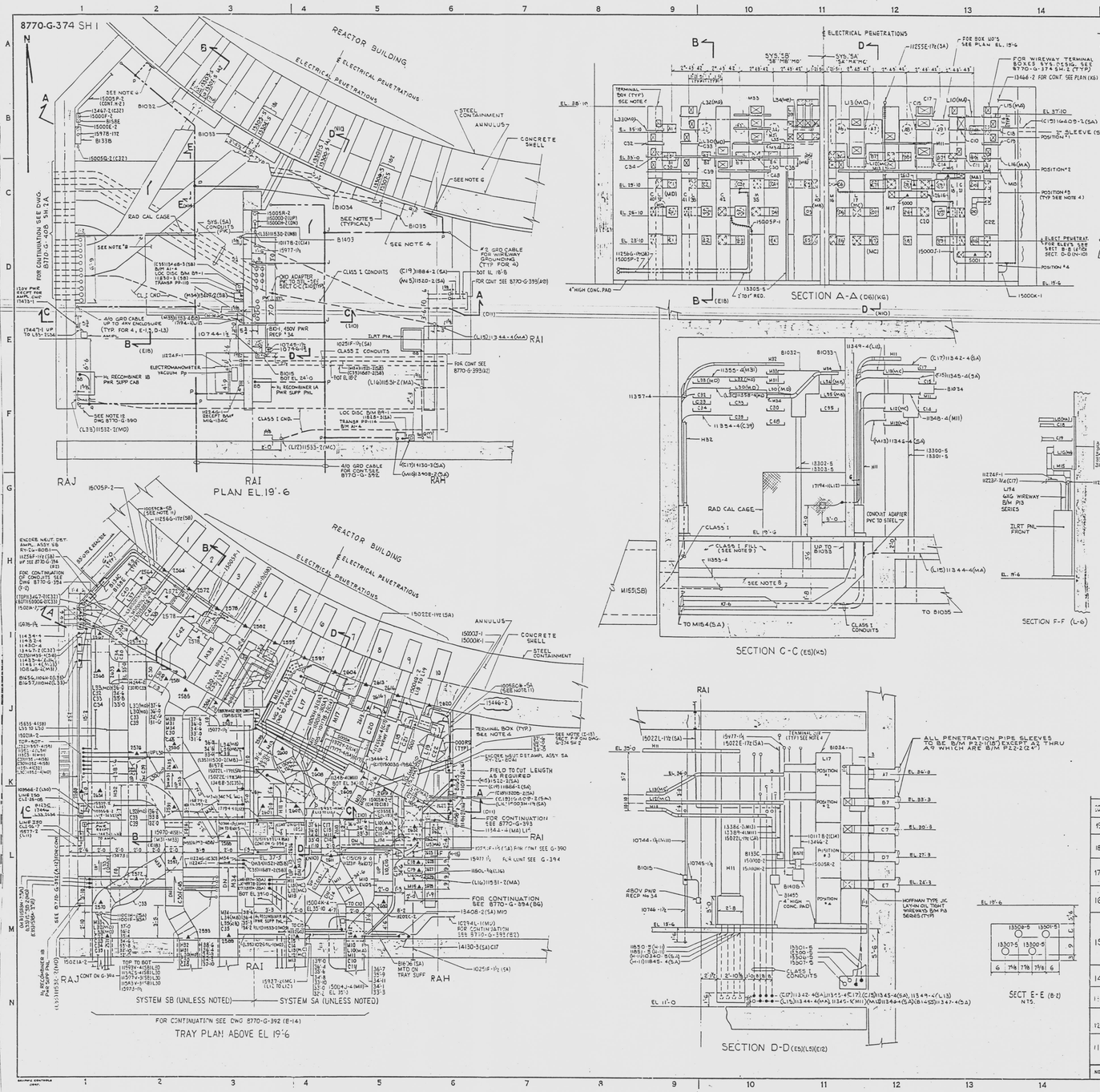

NOTES

1. FOR GENERAL NOTES & ADDITIONAL REFERE. KS DWGS, SEE 8770-G-390.
2. FOR SYMBOLS SEE 8770-G-392.
3. WORK THIS DWG WITH 8770-G-374 SH2 FOR TERM BLOCK AFRGT & WIRE TERMINATION.
4. FOR PENETRATION AREA BOX CONSTRUCTION REFER TO DWG 8770-B-404 SH 3A-3D(3G-3Q
5. USE CABLE SUPPORT FITTINGS SIMILAR TO O Z TYPE "M" B/M # P12-4 TO MAINTAIN CABLE BENDING RADIUS AND RELIEVE TENSION ON G.9KV INLINE SPLICE B/M#P11-4.
6. FIELD TO GROUND ALL HIGH & MEDIUM VOLTAGE PENETRATIONS.
7. FOR STEEL SUPPORT FOR PLATFORMS & WIREWAYS SEE DWG 8770-G-821 SH 4.
8. ALL ENCASEMENT SHALL BE RED COLORED CONCRETE.
9. CLASS I UNDERGROUND CONDUITS ARE IDENTIFIED ON DRAWING, AND SHALL BE RUN IN CLASS I FILL COMPACTED IN ACCORDANCE WITH EBASCO SPEC No FLO 8770-471.
10. ALL WIREWAYS SHALL HAVE FIRE STOPS PLACED IN ACCORD WITH CABLE AND CONDUIT LIST INSTALLATION NOTES PARA. 13.3
11. CABLES 10056C & 5A & 10056C & 5B ARE VENDOR SUPPLIED 3/4 FLEX CND/CABLE ASSEMBLIES(D85-30).

REFERENCE DRAWINGS

REACTOR AUXILIARY BLDG EL 19'-6, CNDS, TRAYS & GRDG SH. I	8770-G-392
REACTOR AUXILIARY BLDG EL 19'-6, CNDS, TRAYS & GRDG SH. 2	8770-G-393
REACTOR AUXILIARY BLDG EL 43'-0 & EL 61'-0, CNDS, TRAYS & GRDG. SH I	8770-G-394
YARD DUCT RUNS, GRDG & LTG PLANS, SECTIONS & DETAILS, SH. 2	8770-G-408
REACTOR AUXILIARY BLDG. TERM BLOCK ARRANGEMENT	8770-G-374 SH 2
BOX DETAILS	8770-B-404
CABLE TRAY ARRGT - KEY PLAN	8770-G-364
CABLE & CONDUIT LIST	8770-B-928
ELECTRICAL PENETRATIONS SCHEDULE	8770-B-837
REACTOR CONTAINMENT BUILDING PENETRATION DETAILS	8770-G-375 SH. I
FIRE PROTECTION DWGS	8770-G-424

BEST PRINT POSSIBLE

NO.	DATE	REVISION	BY	CK.	APPROVED
20	12/12/96	ADDED EQUIP (A1,3C,(M6)(CDF-(M1)(E-5)(E) RAI, (C5) (P11)(E-4)(F)(F-6)(L4-8)(L(R3-R8) PER PCM 7-7010	RAC		
19	7/1/93	REVISED, CHG'D BOX D, M2 (B)(1)(B1)(C)(E), (M1)(1)(2)(L)(L1)(L1)(L7), (L3), (M1) PER PCM 93-353-2	RAC		
18	5-6-88	ADDED: WIREWAY (C-10)-(12-13, 3-5); PLAN PTS (C-8, D-12). REVISED: WIREWAYS A-8-(E-1)(A-E-1), 3, 4-5 DELETED: STEEL PADS (C-1) PER PCM 88-187	M.S.		
17		ADDED: REF. DWG (C-18) DELETED: ASM "B" SYMBOLS (B-1, C-7, D-8, E-1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, M1, M2, M3, M4, N-2) CHG'D (L1) REVISED: CND LAYOUT (M1 THRU M4)	LP		
16	7-15-86	ADDED: EQUIP (A1,3C, CND(L1)(E-2,4,5,6) & REVISED: CND(L1)(E(2,4,5,6)) SECT B-B (E8-C10) SECT D (D10-M11) SECT. A (A(C8-C8) PER PCM 86-183	J. Ryan	RER	
15	4-25-86	ADDED: CND (L4, M4) PER PCM 86-80	J.G		
		ADDED: EQUIP (A1,3C) CNDS (K-1), (L-4), PER PCM 86-80 & E-8 & REVISED CND NO. (J-5)	TJC	RG	
		ADDED NOTE (12) ADDED SUPPS (L1, K1, E3) CND (L1)(L3)(L5)(L1) TRAYS (L1, L3, L5-L8) M1, (M1) (M4) WIREWAY (L4) PER PCM 86-80			
14	1-7-85	ADDED: CONDUITS (A-K1), (M5) REVISED: CONDUIT (F)(F2), (K11) PER PCM 109-185	DG		
13	2-28-84	ADDED: CND (C)(F1-3), (F7-11) (F8, F9, G-8 K5, L7, M1, M4); CND (M5 TO M11) PER PCM 415-183			
12	12-14-82	A. SCHILDKRAUT PE #092998G			
		ADDED: WIREWAYS (E13), C39 & CONDUITS (J1, L3, L5, M5) PER PCM 81-92.	DKH	RG	
11	2-20-80	BLD. PREVIOUS REV. BLOCK SEE RECORD. REVISED BTW 8770-G-374 SH. 1 SEE 11. ADDED TRAYS - B-1(C), D-8 RECT. PER PCM 79-2-9. (E-1)(2-9) ADDED: CND. (C-7) FROM SH. 1 (C-7)(K-1)(F-2)(L-7)(F-3)(L-3)	B.S.		

SCALE 1/4" = 1'-0"	APPROVED
DIV. ELEC. DESIGN	
DR. G. BERNHARD	
CK. M. A. PEREZ	
DATE 6/21/71	
8770-G-374 SH I	

RECEIVED JAN 10 2000 NUCLEAR RECORDS DOCUMENT CONTROL CENTER

M. A. BROCKWELL CERTIFICATE No. 15280 STATE OF FLORIDA REGISTERED ENGINEER

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FLORIDA POWER & LIGHT COMPANY
HUTCHINSON ISLAND PLANT
1973 - 890,000 KW INSTALLATION - UNIT NO. 1
REACTOR AUX. BLDG PENETRATION AREA CONDUIT TRAYS AND GROUNDING

EBASCO SERVICES INCORPORATED NEW YORK

E