

NOTES
THE FOLLOWING VALVES AND ASSOCIATED CABLES WHICH WERE RECENTLY ADDED BY PCM 142-80 AND NOT YET SHOWN ON THIS DRAWING WILL BE PROTECTED IN THE SAME MANNER AS DESCRIBED IN THE SAME DRAWING AS DESCRIBED IN THE FPL REPORT:
V-3452
V-3453
V-3454
MV-03-1A
MV-03-1B
MV-03-2

SYMBOLS
FOR SYMBOLS OTHER REF. DWGS SEE DWG 8770-G-392

NOTES
1. CABLE TRAY ELEVATIONS ARE TO THE EXTREME BOTTOM OF TRAY
2. DIMENSION LOCATING CABLE TRAYS ARE TO THE OUTSIDE OF TRAY
3. SOLID TRAY COVERS ARE PROVIDED FOR INSTRUMENT TRAYS, DEBRIS OR HOT WELD MATERIAL, PARTICULAR CARE SHALL BE EXERCISED DURING THE CONSTRUCTION PERIOD TO INSURE THAT CABLES ARE NOT DAMAGED. ALSO, SOLID COVERS ON TOP TRAYS ARE PROVIDED FOR UNDER OPEN CONDITIONS OR OTHER AREAS SUBJECT TO DIRT AND DEBRIS
4. ALL VERTICAL RUNS ARE PROVIDED WITH SOLID COVERS FRONT & REAR WITH FIRE STOPS PLACED AT FLOOR PENETRATIONS AND AT INTERVALS OF 30" MAX.
5. ALL TRAY FITTINGS SHALL HAVE A 1/2" RADIUS UNLESS OTHERWISE INDICATED
6. FOR GENERAL GROUNDING NOTES SEE DWG 8770-B-412
7. FOR GENERAL NOTES ON RACEWAY & CABLE INSTALLATION SEE CABLE & CONDUIT LIST DWG 8770-B-328
8. ALL CONDUITS SHALL BE GALVANIZED STEEL UNLESS OTHERWISE NOTED
9. VERTICAL CONDUIT RUNS ENTERING MOTOR, JUNCTION BOXES, ETC FROM TRAYS ABOVE SHALL BE SEALED & EFFECT A 180° TURN INTO TRAYS
10. FOR INSTALLATION OF ABOVE POWER RECEPTACLES & ASSOCIATED BOXES SEE DETAIL AT DWG. G-393
11. FOR GROUNDING OF BOXES, CONTROL STATIONS, HANDRAILS, CONDUITS, MOTOR OPERATED VALVES & TRAYS, PROVIDE A 5' 0" DISTAL OF 2" GROUND WIRE AT INTERVALS OFF MAIN BLDG. GROUND LOOP
12. ALL CONDUITS FROM MANHOLES M101(SA), M102(SA), M103(SA), M104(SA), M105(SA), M106(SA), M107(SA), M108(SA), M109(SA), M110(SA), M111(SA) & M112(SA) SHALL BE CONNECTED TO GROUND GRID BY MEANS OF GROUNDING TYPE INSULATING BUSHINGS.
13. 8X4 & 8X6 SINGLE CONDUIT CABLES TO BE STRAPPED IN TRAY EVERY 6" 0"
14. LOCATION OF TRAY HANGERS BY Δ/5 DEPARTMENT
15. REFER TO INSTALLATION DETAILS DWG 8770-B-231 SH-624 FOR INSTALLATION OF SENSORS
16. FIELD TO PROVIDE SUFFICIENT FLEX FOR REMOVAL OF LVL SENSORS FOR CALIBRATION
17. COIL COAXIAL CABLE SUPPLIED BY LVL SENSOR MFR INSIDE 5' 1"

SYMBOLS

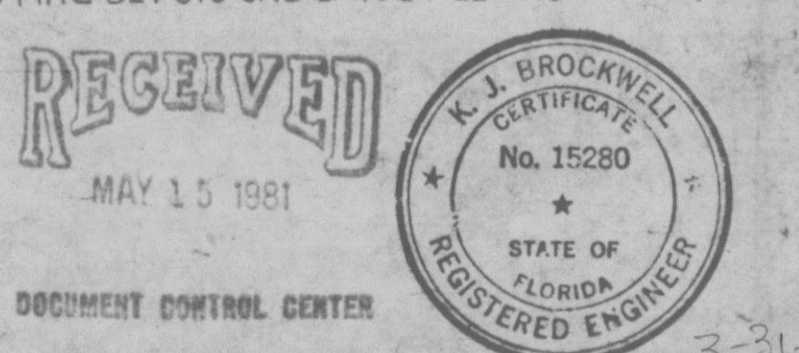
1. [Symbol] INDICATES TRAY TO BE PROTECTED BY MARINITE FIRE IMPINGEMENT Baffle INSTALLED APPR 4" OR LESS FROM THE BOTTOM OF THE TRAY.

2. [Symbol] INDICATES VERTICAL TRAY ENCLOSURE FOR FLOOR PENETRATION FROM FLOOR UP TO HORIZONTAL Baffle. FOR CEILING PENETRATION FROM CEILING DOWN TO TOP HORIZONTAL TRAY.

3. [Symbol] CONDUIT TO BE PROTECTED AS INDICATED IN THE TEXT OF THE FPL REPORT

4. [Symbol] INDICATES CABLE TRAY TO BE SPRAYED WITH FLAMASTIC

NO.	DATE	REVISION	BY	CHK	APPROVED	NO.	DATE	REVISION	BY	CHK	APPROVED
7	1/2/75	ADDED INSTRUMENTATION	RP	VC	JWE	6	5-3-73	ADDED INSTRUMENTATION	RP	VC	JWE
8	5-3-73	ADDED INSTRUMENTATION	RP	VC	JWE	9	5-3-73	ADDED INSTRUMENTATION	RP	VC	JWE
10	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	11	6-13-77	ADDED INSTRUMENTATION	RP	VC	JWE
12	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	13	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
14	4/24/81	ADDED INSTRUMENTATION	RP	VC	JWE	15	2-18-79	ADDED INSTRUMENTATION	RP	VC	JWE
16	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	17	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
18	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	19	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
20	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	21	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
22	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	23	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
24	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	25	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
26	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	27	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE
28	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE	29	11-9-74	ADDED INSTRUMENTATION	RP	VC	JWE



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FLORIDA POWER & LIGHT COMPANY
HUTCHINSON ISLAND PLANT
1973 - 890,000 KW INSTALLATION - UNIT NO. 1
REACTOR AUXILIARY BUILDING
CONDUIT, TRAYS AND GROUNDING - SH 1

EBASCO SERVICES INCORPORATED NEW YORK
SCALE 1/4"=1'-0"
DATE 2/25/79
DW: E.L.C.
DR: J.W.E.
CH: J.W.E.
CK: J.W.E.

8770-G-390
APPENDIX B
ELECTRICAL

DUPE 82-0615-038 E