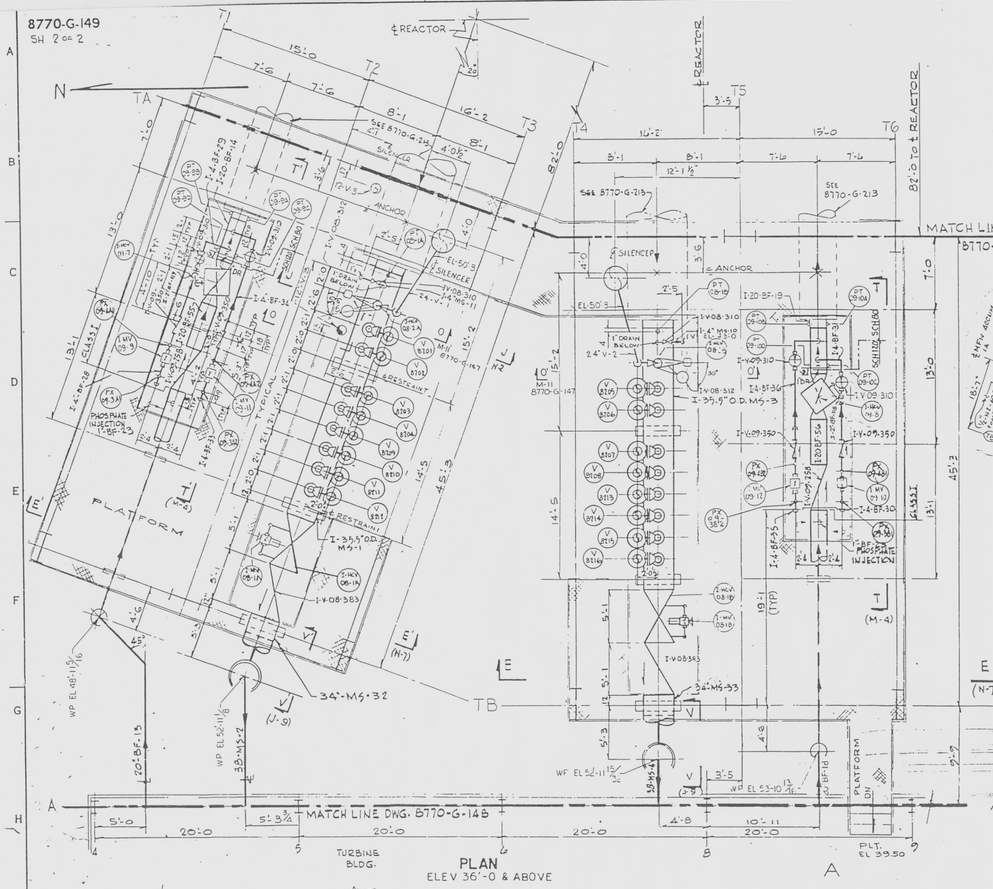
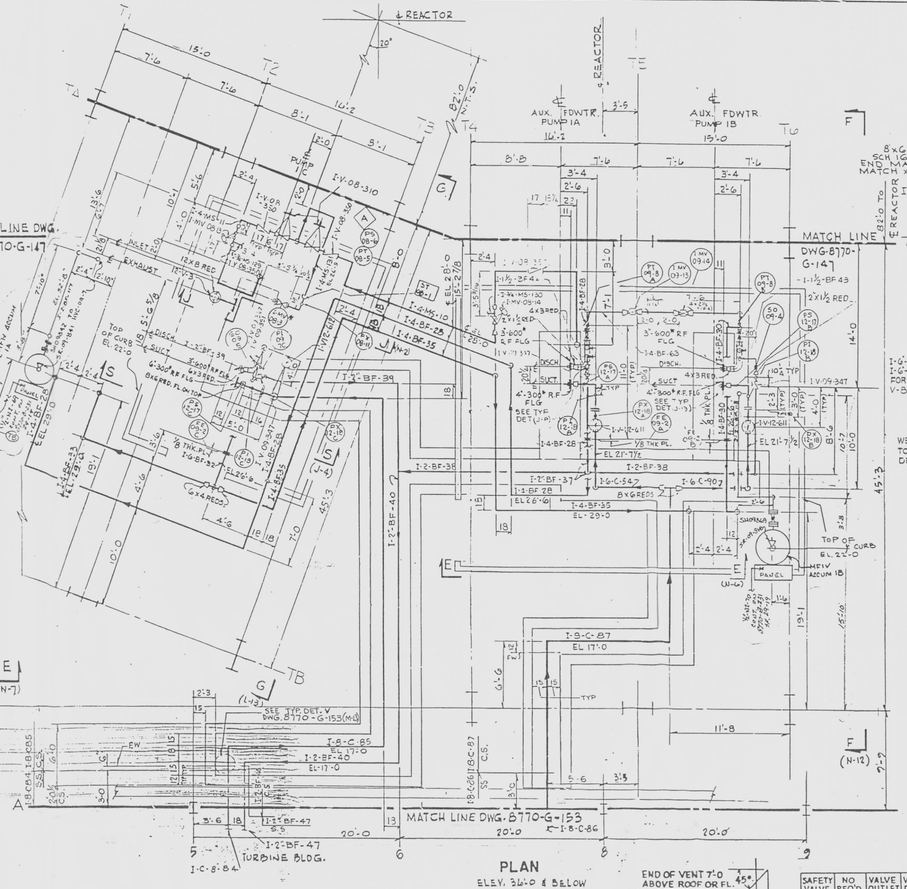
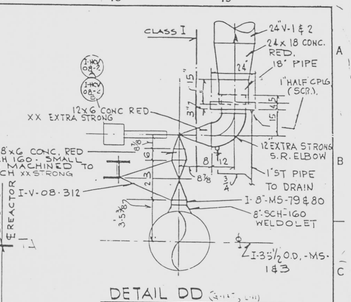
8770-G-149
SH 2 OF 2



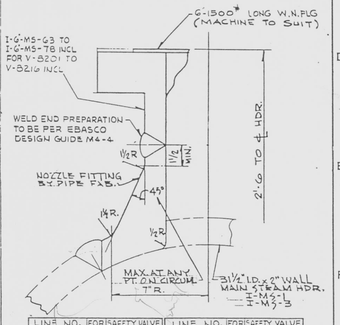
PLAN
ELEV 36'-0 & ABOVE



PLAN
ELEV. 36'-0 & BELOW

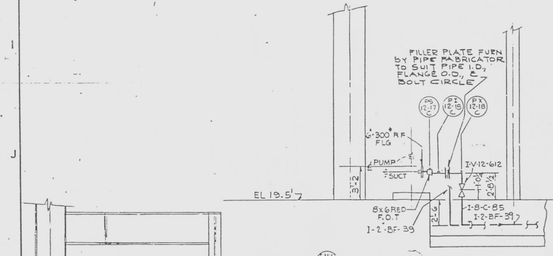


DETAIL DD
3/8" = 1'-0

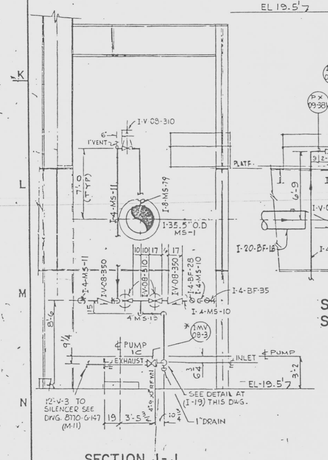


LINE NO.	FOR	SAFETY VALVE	LINE NO.	FOR	SAFETY VALVE
I-6-MS-63		V-8201	I-6-MS-71		V-8209
I-6-MS-64		V-8202	I-6-MS-72		V-8210
I-6-MS-65		V-8203	I-6-MS-73		V-8211
I-6-MS-66		V-8204	I-6-MS-74		V-8212
I-6-MS-67		V-8205	I-6-MS-75		V-8213
I-6-MS-68		V-8206	I-6-MS-76		V-8214
I-6-MS-69		V-8207	I-6-MS-77		V-8215
I-6-MS-70		V-8208	I-6-MS-78		V-8216

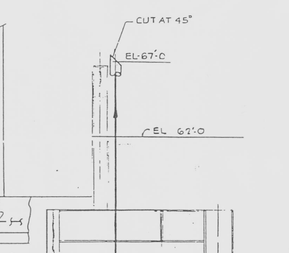
DETAIL "W" (M-6)
16 REQD.
SHOWING FITTING AT SAFETY VALVE CONNECTION TO MAIN STEAM HEADER
(NO SCALE)



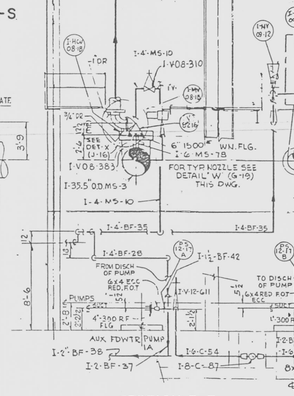
SECTION S-S
(E-11)



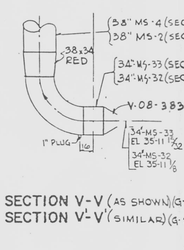
SECTION J-J
(D-3)(D-12)



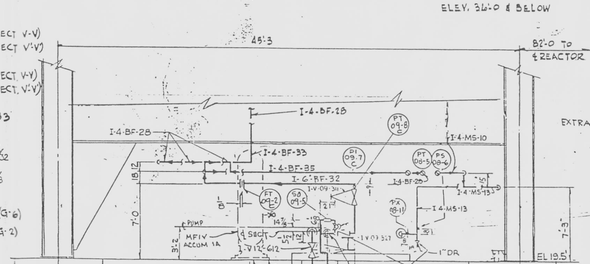
SECTION T-T AS SHOWN (F-8)
SECTION T'-T' SIMILAR (E-12)



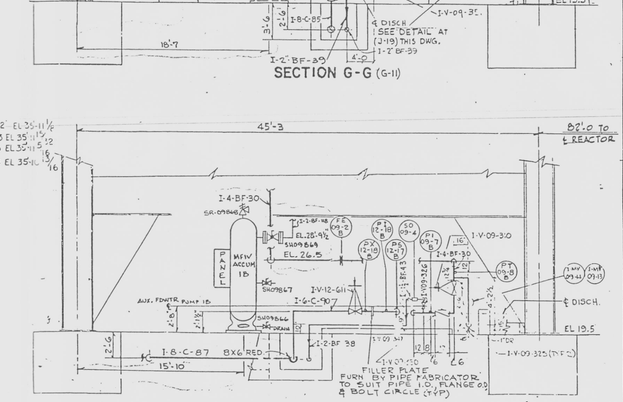
SECTION E-E AS SHOWN (G-9)(G-17)
SECTION E'-E' SIMILAR (F-3) [ABOVE ELEV. 33'-0 ONLY]



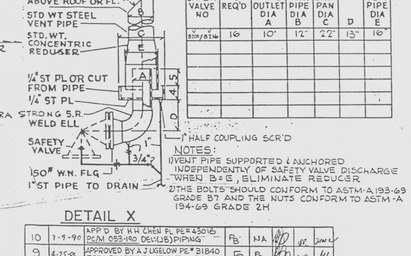
SECTION V-V (AS SHOWN)(G-6)
SECTION V'-V' (SIMILAR)(G-2)



SECTION G-G (G-11)



SECTION F-F (G-17)
PIPING AT AUX. FDWTR. PUMP 1A (SIMILAR)



SAFETY VALVE NO	NO REQ'D	VALVE OUTLET DIA A	VENT PIPE DIA B	DRIP PAN DIA C	D	VENT PIPE DIA E
8206/8216	16	10"	12"	22"	13"	10"

NOTES:
1) VENT PIPE SUPPORTED & ANCHORED INDEPENDANTLY OF SAFETY VALVE DISCHARGE WHEN B = E, ELIMINATE REDUCER
2) THE BOLTS SHOULD CONFORM TO ASTM-A193-69 GRADE B7 AND THE NUTS CONFORM TO ASTM-A 194-69 GRADE 2H

DETAIL X

DETAIL
DRIP POCKET
NO SCALE
(N-1)

TYPICAL DETAIL
NO SCALE - SEE (E-14, E-15)

NO.	DATE	REVISION	BY	CH	APPROVED
10	3-9-90	APP'D BY H.H. CHEN PE # 43016 PCM 089-180 DEL (J-3) PIPING	FB	MA	
9	4-25-88	APPROVED BY A.J. WELOW PE # 31840 PCM 21-185 DEL (E-10)(B3) STOP LOGS	FP	FB	
8	7-19-82	REV. (N) & (O) TO TITLE (O)(A)(B)(3)(10)(C)(5)(3)(4) COL. W PCM 264-77 REV. (C-4,5) PIPING (DIM PCM 412-81 REVISE (B)(2)(1) PIPE ADD (L-4)(C-1)(B-10)(C-2) PI TAPS -	JF	FB	
7	7/31/81	PCM 264-77 REV. (C-4,5,6) DIMS GENERAL REVISED (E-D) & (E-F) & (D-10)(E-9) (F-8)(D-11,12) VALVE NOS. (C-10,11) (C-10) & (D-11) & (H-11) (G-7)(J-12) & (K-8) (K-15) PIPING & DIMS (C-6)(J-11)(K-11) (L-11) & (L-6) & (E-1) DETAILS (N-6) DATE ADDED (D-7)(E-11,L-5)(J-14) DIMS (J-13)(L-5)(N-2) DRAINS (E-11) (D-14) PIPING DELETED (E-11)(D-14) VALVE NOS (E-11) DIMS (C-5)(D-7) (M-2) LINE NO	DF		
6	2-13-75	REVISED (C-2)(D-10)(J-11) (E-5)(E-3) (C-3) (E-7) (K-8) (K-11) (E-11) & (E-8) REVISE (D-10)(F-8) (E-11) (D-14)(E-10)(E-11)(H-13)(H-15) VALVES (D-14) (E-15)(D-16)(M-13) PIPING (L-11)(L-6) (K-5)(D-6)(L-14) NOTE REV (J-4) NOTE NO	WSO	WJP SW	
5	12-11-73	REVISE (E-2) WELD SIZE DETL DOLE (E-5) (H-6)(H-7)(J-8)(K-3)(K-10)(J-11) VALVES	SW		
4	5/30/72	REVISED (C-2)(D-10) 1-2" DIA [illegible]	JDV	RJT	RPF
3	1-4-72	REVISED (E-13)(F-14) EL 36.0' & BELOW (K-4)(L-2)(M-3)(N-4)(O-2) SECTION (U-4)(E-7) (F-2) & NEW VALVE (G-3) DIMENSIONS ADDED (C-4)(K-3)(L-2)(E-3) (L-1) TO VALVES & NOTE (E-3)(K-2) & (E-4) CHANGES DELETED (L-3)(O-2)(E-7) VALVES.	DE	WR.	JG
2	8-19-71	ADDED (C-2)(D-7)(L-4) 1" DRAIN	D.E.	WR.	WR
12	1/13/81	PCM 98013 ADD: (L7), L4, C2, DT EQ - D10, G16-D16, K10-J12 & N10-M12) PIPING, VALVES AND EQUIPMENT.	GM	HG	
11	2-24-78	PCM 029-193 DEL: (D16, D18, D11, E11, J4, L4, N12) STRAINERS, SIM. & FILLER PL SIZE	GM		

NOTES:
FOR GENERAL NOTES, SEE DWG. 8770-G-149 SH. 1 OF 2
FOR REFERENCE DWG. SEE 8770-G-147

THIS DOCUMENT IS THE PROPERTY OF EBASCO SERVICES INCORPORATED. ITS USE IS EXPRESSLY RESTRICTED BY THE TERMS OF THE CONTRACT, DATED AS OF AUGUST 10, 1968, BETWEEN EBASCO SERVICES INCORPORATED AND FLORIDA POWER & LIGHT COMPANY.

FLORIDA POWER & LIGHT COMPANY
ST. LUCIE PLANT
1976 - 890,000 KW INSTALLATION - UNIT NO. 1

MAIN STEAM & FEEDWATER
PIPING — SECT & DETAILS

EBASCO SERVICES INCORPORATED · NEW YORK

SCALE 3/16"=1'-0 UNLESS NOTED
DIV. MECH.
DR. J. KAYONI
CH. L. GAGNOT
APPROVED
DATE March 31, 1971
8770-G-149
SHEET 2 OF 2
12