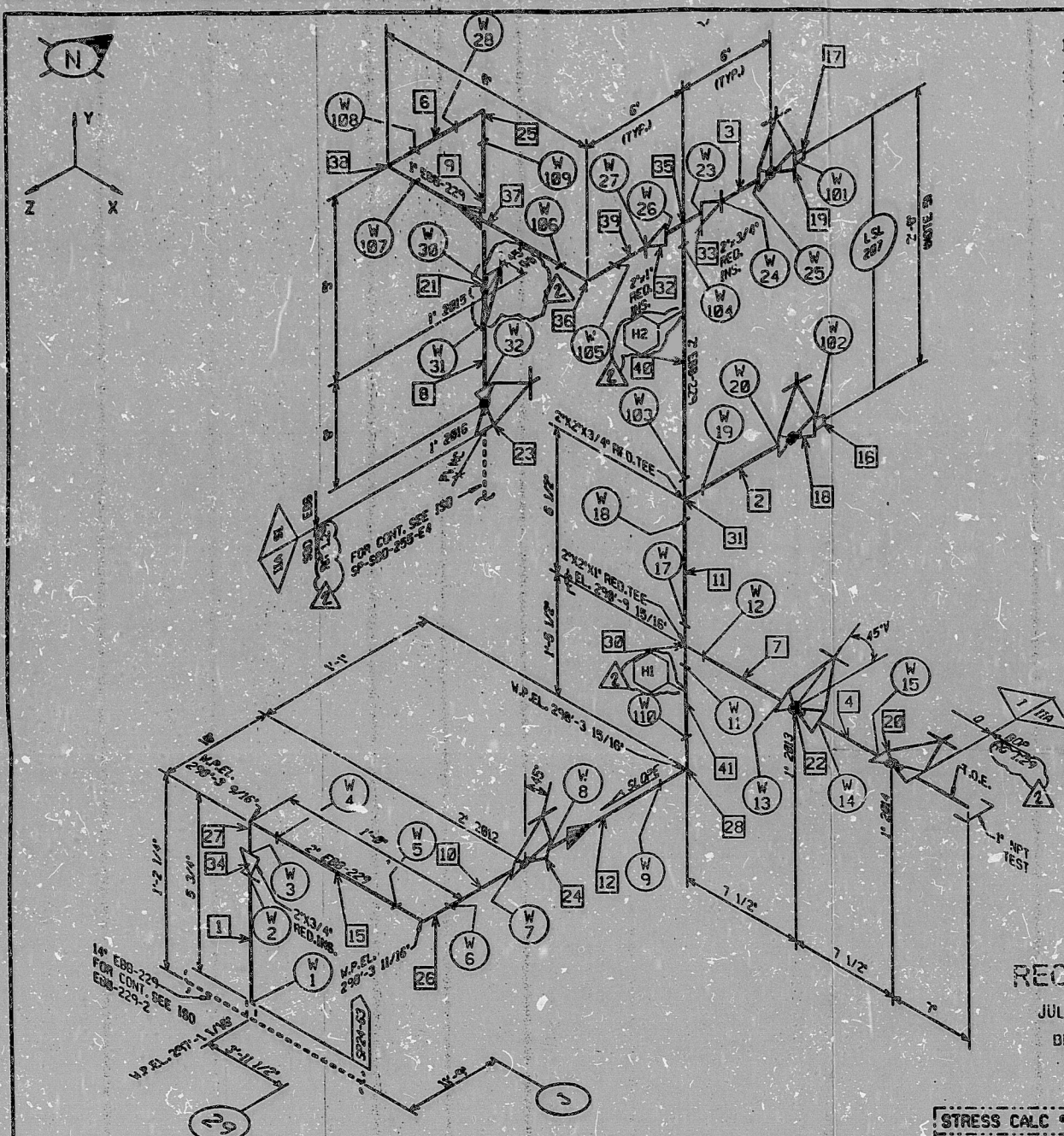


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13 LF
38 SW
1 FC

BILL OF MATERIAL

PC	QTY	LEN	SIZE	DESCRIPTION	CLASS	MATERIAL CODE	HEAT No.
1	0'-6"	3/4"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	E71810
2	0'-6"	3/4"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	E71810
3	0'-6"	3/4"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	E71810
4	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	HC0695
6	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	HC0695
7	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	HC0695
8	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	HC0695
9	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	HC0695
37	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	E88103
39	0'-6"	1"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	E88103
10	0'-6"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
11	0'-6"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
12	0'-6"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
15	1'-0"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
40	2'-0"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
41	1'-6"	2"	PIPE	ASME SA-106 GR.B	EBB	ASME SA-106 GR.B	T45301
16	1	3/4"	TOOLING ADAPT	ASME SA-474-3841	EBB	ASME SA-474-3841	
17	1	3/4"	TOOLING ADAPT	ASME SA-474-3841	EBB	ASME SA-474-3841	
18	1	3/4"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A7998
19	1	3/4"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A7998
20	1	1"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A3127
21	1	1"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A3127
22	1	1"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A3127
23	1	1"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A3127
24	1	1"	Y GLOBE VLV	ASME SA-105	CBA	ASME SA-105	A3127
25	1	1"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M498
36	1	1"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M422
39	1	1"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M422
26	1	2"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M333
27	1	2"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M333
28	1	2"	90 DEG ELBOW	ASME SA-105	EBB	ASME SA-105	M333
30	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
31	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
32	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
33	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
34	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
35	1	2"	RED TEE	ASME SA-105	EBB	ASME SA-105	M333
1	1	1"	5000 SW	ASTM A-105	EBB	ASTM A-105	

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STRESS CALC • SP24-63
CLEANLINESS CLASS "B"

NOTES	REFERENCE DWGS.	REV. NOTES
1) ALL BEND RADI ARE FIVE (5) PIPE DIAMETERS UNLESS OTHERWISE NOTED. 2) ALL ELEVATIONS ARE SHOWN FOR REFERENCE ONLY. 3) ALL DIMENSIONS, GRAPHIC REPRESENTATIONS AND DATA CONCERNING LARGE PIPE, COLUMN LINE LOCATIONS, CIVIL LAYOUT AND EQUIPMENT ARE SHOWN FOR "REFERENCE ONLY." 4) SLOPE, WHERE INDICATED, IS 1/8" PER FT. MIN. UNL. 5) LSL-287 TAPS TO BE PLACED 2'-0" APART ON VERTICAL LEG PER PAID M-05, REV. 38, NOTE 23.		1) ISSUED FOR CONSTRUCTION. 2) INCORP. FCN PA-5720 PER AS-BUILT COND. REF. REDLINES 1, 2, 3 & 4. 3) DELETED PC 5, 13, 14 & 24 WELDS W10, W15, W21, W22 & W24 ADDED PC 35 THRU 41 & WELDS W10 THRU W110. 4) REVISED TO INCORP. FCN SP-893. 5) ADDED HANGER NO'S M1, M2 & "RG 1.29". REF. FOR 634 S-2 DRAWING AS BUILT.

REFERENCES									
LINE CLASSIFICATION					SEISMIC CAT.				
Q	R	S	B.O.P.	RG 1.29	I	II	IIA		
☒	☐	☐	☒	☒	☒		☒		
STARTUP No. 2-52A					INSUL. CL.1		THICK		
PAID M-55					NONE				
					PLANT DESIGN DWG.				
UNIT, 2					M-2275				
ELEV. 283'-0"					AREA 14		ROOM 500		
9404080151									
-BEND		F.F. - FIELD TO FIT				F.V.		FIELD WELD	

BECHTEL
SAN FRANCISCO
LIMERICK GENERATING STATION UNIT 2
PHILADELPHIA ELECTRIC COMPANY
REACTOR BUILDING LOW LEVEL ALARM FOR HPCI PUMP DISCHARGE
JOB No. 8031 DRAWING No. SP-EBB-229-E3 REV. 2

16X

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