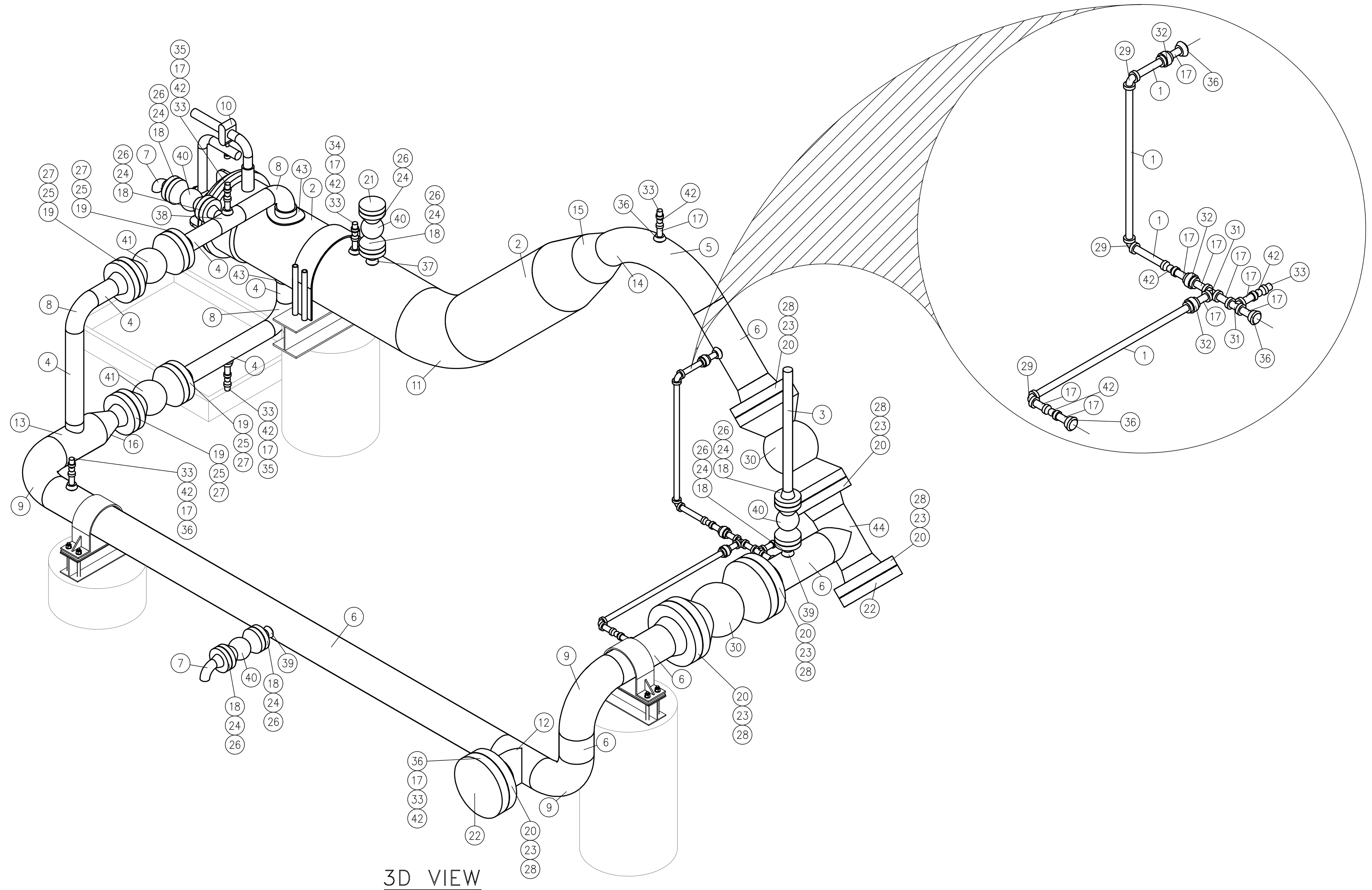
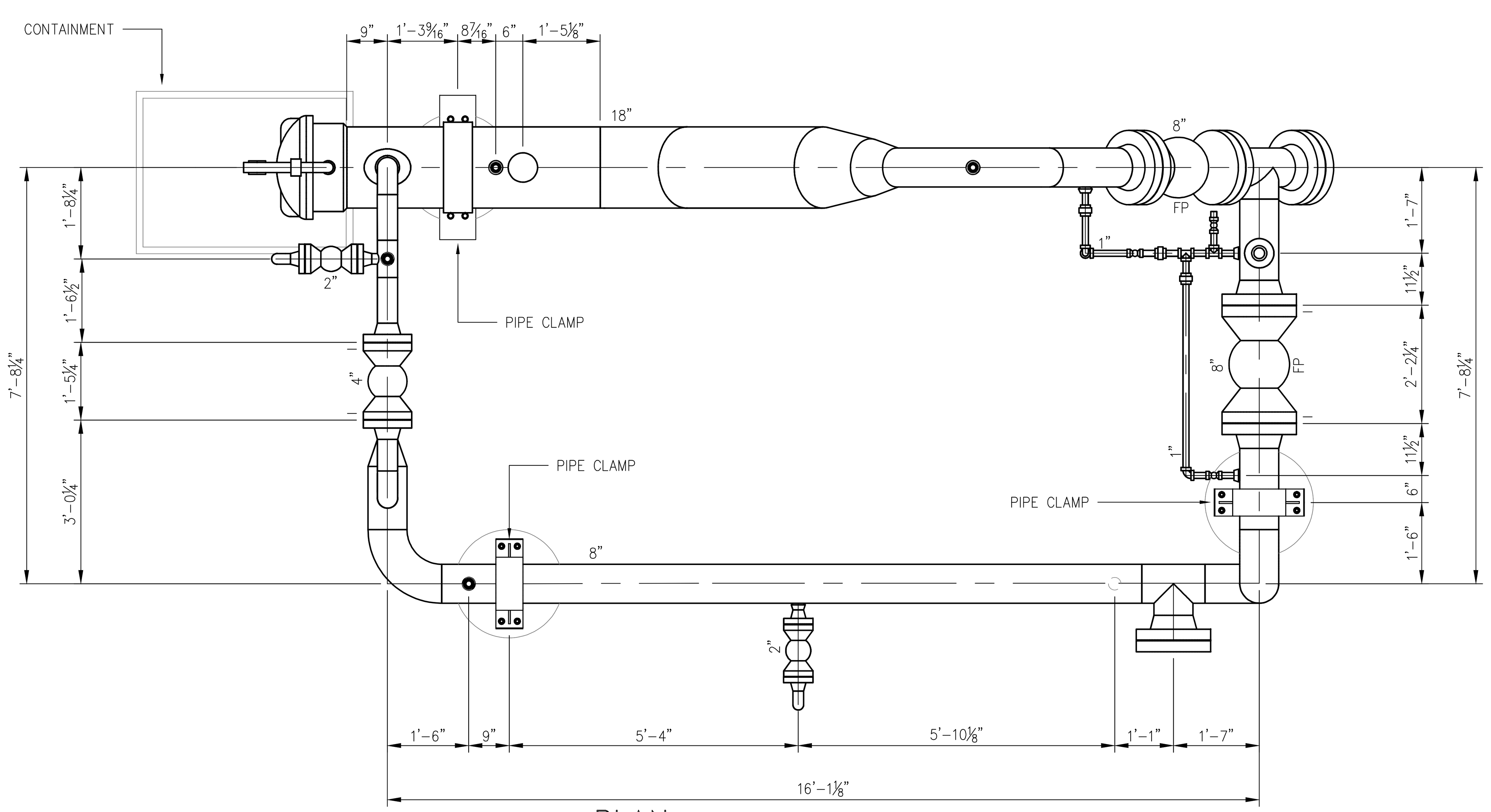
BILL OF MATERIAL

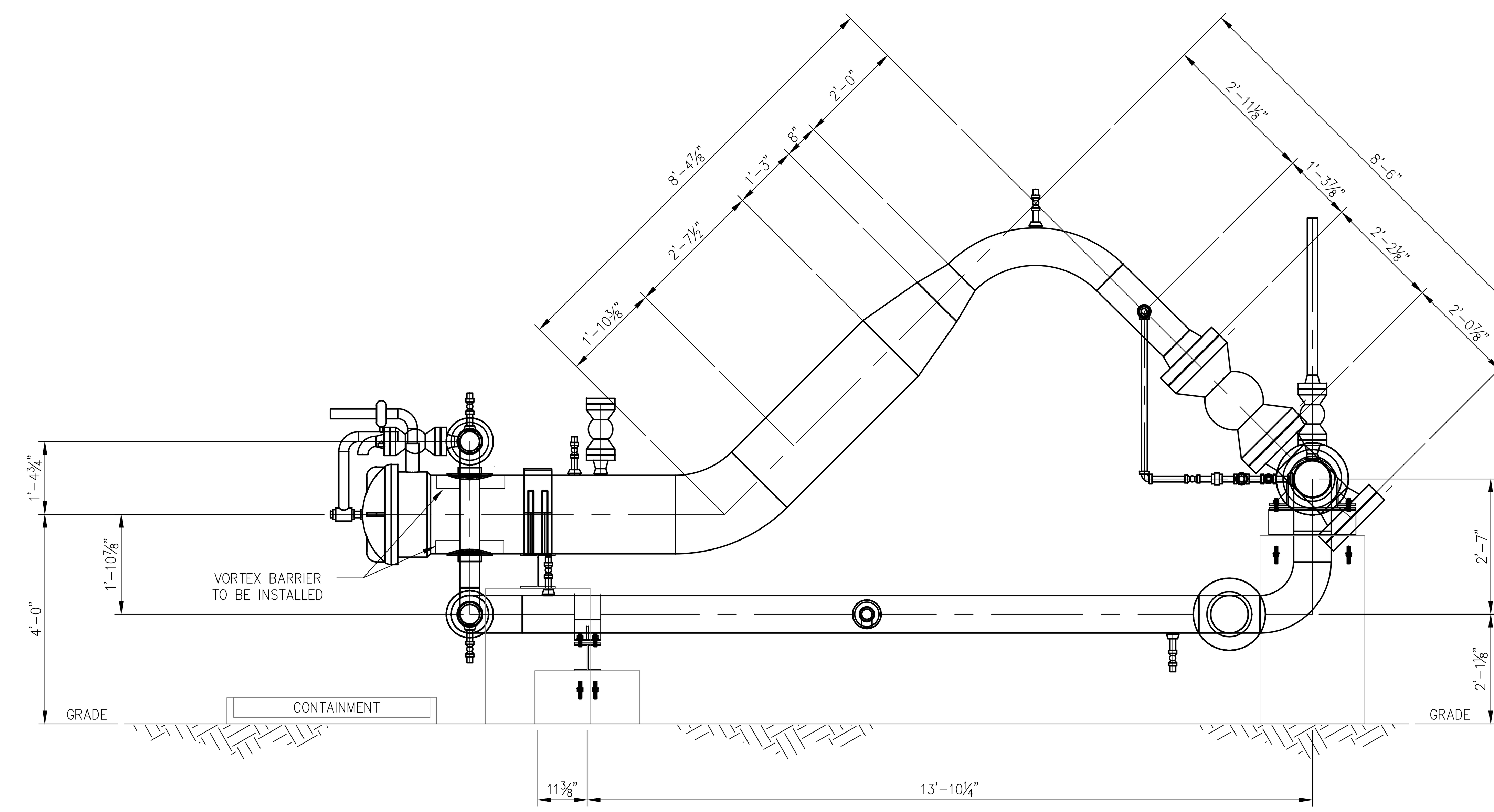
MARK	QTY	SIZE	DESCRIPTION	LENGTH
1	1	1"	PIPE, XS, SEAMLESS, A106 GRADE B TBE	7'-10 7/8"
2	1	18"	PIPE, S/80, SEAMLESS, A106 GRADE B	6'-4 1/2"
3	1	2"	PIPE, XS, SEAMLESS, A106 GRADE B	3'-0"
4	1	4"	PIPE, XS, SEAMLESS, A106 GRADE B	8'-1 5/8"
5	1	8"	ELBOW, 90°, 3R, XS A234 WPB, B169	3'-1 11/16"
6	1	8"	PIPE, XS, SEAMLESS, A106 GRADE B	18'-3 5/8"
7	2	2"	ELBOW, 90°, LR, XS, A234 WPB, B16.9	
8	3	4"	ELBOW, 90°, LR, XS, A234 WPB, B16.9	
9	3	8"	ELBOW, 90°, LR, XS, A234 WPB, B16.9	
10	1	18	18" HORIZONTAL 600# CLOSURE	
11	1	18"	ELBOW, 45°, LR, STD, A234, WPB, B16.9	
12	1	8"	TEE, XS, A234 WPB, B16.9	
13	1	8"x4"	TEE, REDUCING, XSxXS, A234 WPB, B16.9	
14	1	12"x8"	REDUCER, CONCENTRIC, S/80xXS, A234 WPB, B16.9	
15	1	18"x12"	REDUCER, CONCENTRIC, S/80xS/80, A234 WPB, B16.9	
16	1	8"x4"	REDUCER, CONCENTRIC, XSxXS, A234 WPB, B16.9	
17	15	1"	4" NIPPLE, XS, SEAMLESS, A106 GRADE B, TBE	4"
18	7	2"	FLG, WELD NECK, RF, CLASS 600, XS-BORE, A105, B16.5	
19	4	4"	FLG, WELD NECK, RF, CLASS 600, XS-BORE, A105, B16.5	
20	6	8"	FLG, WELD NECK, RF, CLASS 600, XS-BORE, A105, B16.5	
21	1	2"	FLG, BLIND, RF, CLASS 600, A105, B16.5	
22	2	8"	FLG, BLIND, RF, CLASS 600, A105, B16.5	
23	6	8"	(12) 1 1/8" x 8" STUD BOLTS, A193 GRADE B7, W/A194 2H NUTS, (FOR CLASS 600)	8"
24	8	2"	(8) 5/8" x 5" STUD BOLTS, A193 GRADE B7, W/A194 2H NUTS, (FOR CLASS 600)	5"
25	4	4"	(8) 7/8" x 6 1/2" STUD BOLTS, A193 GRADE B7, W/A194 2H NUTS, (FOR CLASS 600)	6 1/2"
26	8	2"	GASKET, CLASS 600, 1/8" THK, SPIRALWOUND W/304 SS, CHLORITE/GRAPHITE FILLER, FLEXITALLIC STYLE CG OR EQUAL, API 601, ASME B16.5	
27	4	4"	GASKET, CLASS 600, 1/8" THK, SPIRALWOUND W/304 SS, CHLORITE/GRAPHITE FILLER, FLEXITALLIC STYLE CG OR EQUAL, API 601, ASME B16.5	
28	6	8"	GASKET, CLASS 600, 1/8" THK, SPIRALWOUND W/304 SS, CHLORITE/GRAPHITE FILLER, FLEXITALLIC STYLE CG OR EQUAL, API 601, ASME B16.5	
29	3	1"	ELBOW, 90°, THRD, CLASS 3000, A105, B16.11	
30	2	8"	BALL VALVE, CLASS 600, RFFE, TRUNNION MTD. BALL, FULL PORT, GEAR OPERATOR, CS	2'-2"
31	2	1"	TEE, THRD, CLASS 3000, A105, B16.11	
32	3	1"	UNION, THRD, CLASS 3000, A105, B16.11	
33	7	1"	PLUG, SOLID HEX HEAD, MNPT, A105, B16.11	
34	1	18"x1"	THREDOLET, CLASS 3000, A105, MSS-SP-97	
35	2	4"x1"	THREDOLET, CLASS 3000, A105, MSS-SP-97	
36	6	8"x1"	THREDOLET, CLASS 3000, A105, MSS-SP-97	
37	1	18"x2"	WELDOLET, S/80 (RUN) x XS (BRANCH), A105, MSS-SP-97	
38	1	4"x2"	TEE, REDUCING, XSxXS, A234 WPB, B16.9	
39	2	8"x2"	WELDOLET, XS (RUN) x XS (BRANCH), A105, MSS-SP-97	
40	4	2"	BALL VALVE, CLASS 600, RFFE, FLOATING BALL, REDUCED PORT, CS	11 1/2"
41	2	4"	BALL VALVE, CLASS 600, RFFE, TRUNNION MTD. BALL, REDUCED PORT, CS	1'-5"
42	9	1"	BALL VALVE, 2000 CWP (WOG), THRD, CONVENTIONAL PORT, CS	2 3/16"
43	2	18"x4"	18x4 SADDLE, CLASS 600, A234	
44	1	8"	8" TEE, XSxXS, A234, WPB, B16.9, BARRED	



3D VIEW
SCALE: NTS



PLAN
SCALE: 1/2"=1'-0"



ELEVATION
SCALE: 1/2"=1'-0"

GWD
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EFFICIENCY THROUGH ENGINEERING & DESIGN

REFERENCE DRAWINGS		No	REVISIONS	BY	CHKD	PM	DATE
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BEAR TRACKER ENERGY LLC
NORTH DAKOTA
SM ENERGY GATHERING
FABRICATION DRAWING
8"-600LB MULTI-SIZE PIG RECEIVER

FILE NUMBER	DRAWING NUMBER	SCALE	REVISION
SME-PI-3202	SME-PI-3202	AS NOTED	B