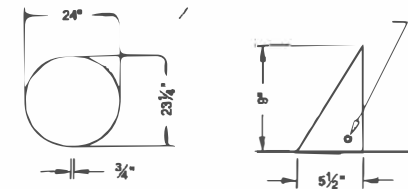
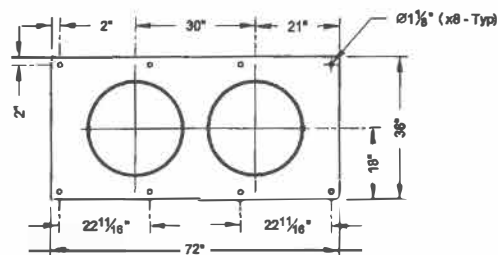


SLIP STREAM DETAIL
scale 1:20

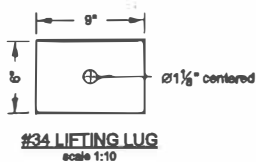
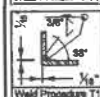
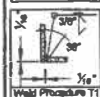
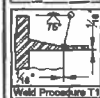
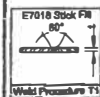


#12 SEAL PLATE
scale 1:30

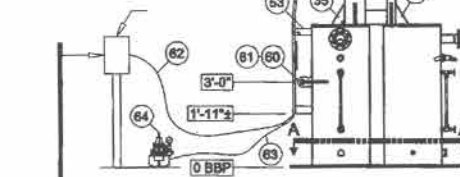
#35 & 46 GUSSETS
scale 1:10



SECTION A-A: Base plate view
scale 1:30



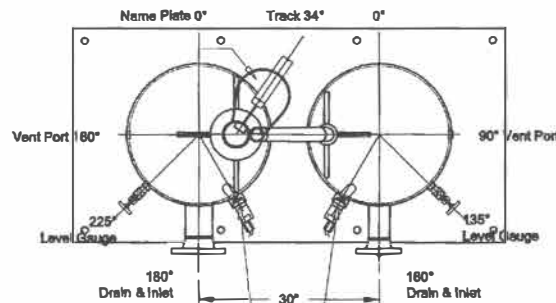
#34 LIFTING LUG
scale 1:10



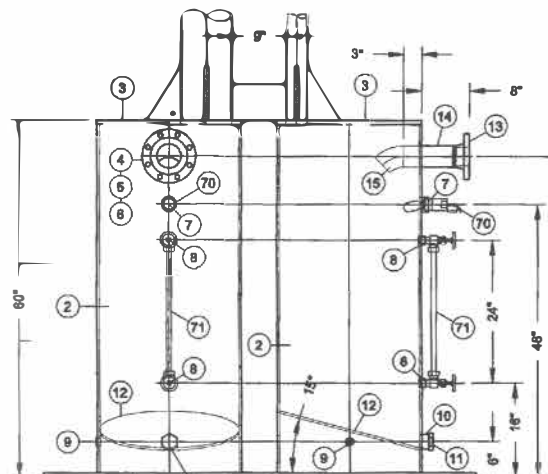
ASSEMBLY LAYOUT
scale 1:50

Note:
These layouts are general in nature please refer to the top view - orientation view for actual orientation of components

BILL OF MATERIALS				
Qty	QTY	Part	Description	Material
ADDITIONAL COMPONENTS				
70	2	LEVEL SWITCH	2" NPT BOR 151C ELECTRIC LEVEL SWITCH	
71	2	LEVEL GAUGE	24" PENBERTHY TUBULAR LEVEL GAUGE ASSEMBLY	
GENERAL NOTES				
A FT-FM-24 RETRACTABLE CONTINUOUS PILOT IGNITION SYSTEM WITH AUTO RE-LIGHT, 24VDC POWERED				
B EXTERNAL: SANDBLAST TO SSPC-SP6				
C PRIME THEN PAINT WITH 2 COATS OF INDUSTRIAL ENAMEL COLOR: WARM GREY				
D SUPPLYING: ONE 3" AND ONE 4" MODEL 68 DETONATION FLAME ARRESTERS				
E APPROXIMATE WEIGHT: 4000 lbs.				



TOP VIEW: Orientation View
scale 1:20



KNOCK-OUTS LAYOUT
scale 1:20

BILL OF MATERIALS				
Qty	QTY	Part	Description	Material
KNOCK-OUTS COMPONENTS				
1	1	BASE PLATE	3/4" THICK x 72" x 36" - SEE SECTION A-A	44W
2	2	KNOCK OUT	24" STD. PIPE X 58 1/2" LONG	SA-108-B
3	2	KO TOP PLATE	3/4" PLATE X 24" B	44W
4	1	INLET FLANGE	4" CLASS 150 WELDING NECK PIPE FLANGE	SA-106N
5	1	INLET NOZZLE	4" STD. PIPE X 8" LONG	SA-106-B
6	1	INLET ELBOW	4" X 45" WELD ELBOW	SA-234-WPB
7	2	LSW PORT	2" NPT CLASS 3000 HALF COUPLING	SA-106N
8	4	LGA PORT	3/4" NPT CLASS 3000 HALF COUPLING	SA-106N
9	2	VENT PORT	1" SCH. 80 PIPE X 3/4"	SA-106-B
10	2	DRAIN PORT	2" NPT CLASS 3000 HALF COUPLING	SA-106N
11	2	DRAIN PLUG	2" NPT PLUG	SA-106N
12	2	SEAL PLATE	3/8" PLATE - SEE DETAIL	44W
13	1	INLET FLANGE	3" CLASS 150 WELDING NECK PIPE FLANGE	SA-106N
14	1	INLET NOZZLE	3" STD. PIPE X 6" LONG	SA-106-B
15	1	INLET ELBOW	3" X 45" WELD ELBOW	SA-234-WPB
MAIN STACK COMPONENTS				
30	1	LOWER STACK	8" STD. PIPE X 20'-0" LONG	SA-106-B
31	1	CON. REDUCER	8" X 4" CONCENTRIC REDUCER	SA-234-WPB
32	1	UPPER STACK	4" STD. PIPE X 11'-6" LONG	SA-106-B
33	1	FLARE TIP	4" SCH. 10 PIPE X 3'-0" LONG	316 SS
34	1	LIFTING LUG	3/4" PLATE - SEE DETAIL	44W
35	3	STACK GUSSET	3/4" PLATE - SEE DETAIL	44W
SECONDARY STACK COMPONENTS				
40	1	STACK	3" STD. PIPE X 30'-6 1/8" LONG	SA-106-B
41	1	CON. REDUCER	3" X 2" CONCENTRIC REDUCER	SA-234-WPB
42	1	ELBOW	2" X 45" WELD ELBOW	SA-234-WPB
43	1	OFFSET RISER	2" STD. PIPE X 13 11/16" LONG	SA-106-B
44	1	FLARE TIP	2" SCH. 10 PIPE X 3'-0" LONG	316 SS
45	3	BRACKET	3/8" PLATE X 6" X LENGTH TO SUIT	44W
46	3	STACK GUSSET	3/4" PLATE - SEE DETAIL	44W
IGNITION SYSTEM				
50	1	SHROUD	1/4" PLATE X 6" HIGH X LENGTH TO SUIT	316 SS
51	1	IGNITOR ASS.	SEE GENERAL NOTES	
52	1	TRACK	2" x 1" x 1/8" HSS X LENGTH TO SUIT	CARBON STEEL
53	1	BRACKET	1/4" PLATE X 3" x 7"	44W
54	1	BRACKET	1/4" PLATE X 10 3/4" sp x 19 15/16" lp	44W
55	1	BRACKET	1/4" PLATE X 18 5/8" sp x 15 13/16" lp	44W
56	1	BRACKET	1/4" PLATE X 11 9/16" sp x 11 3/4" lp	44W
57	1	BRACKET	1/4" PLATE X 7 1/2" sp x 7 11/16" lp	44W
58	1	BRACKET	1/4" PLATE X 6 13/16" sp x 7" lp	44W
59	1	BRACKET	1/4" PLATE X 3 3/4" sp x 3 15/16" lp	44W
60	1	WINCH	HEAVY DUTY WINCH WITH STOP	
61	1	CABLE	3/16" AIRCRAFT CABLE X 75' LONG	SS
62	1	WIRING	16AWG SOW ELECTRICAL CABLE X 35' LONG	
63	1	PILOT LINE	9/16" MNPT TYPE 3 FLEXIBLE FUEL HOSE X 40' LONG	
64	1	REGULATOR	1/4" NPT BELLOFRAM, MODEL 962-365-000	

REVISIONS			
No	Date	Description	By
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Phone: (403) 228-0677 FAX: (403) 244-7020			
4" x 2" x 40' SELF-SUPPORTING FLARE STACK - 24" X 60" DUAL KO			
Drawn by	Date	Scale	Sheet #
	2014-04-18	As Noted	1 of 1
Drawing #	Serial #		
	SWT-1435		