


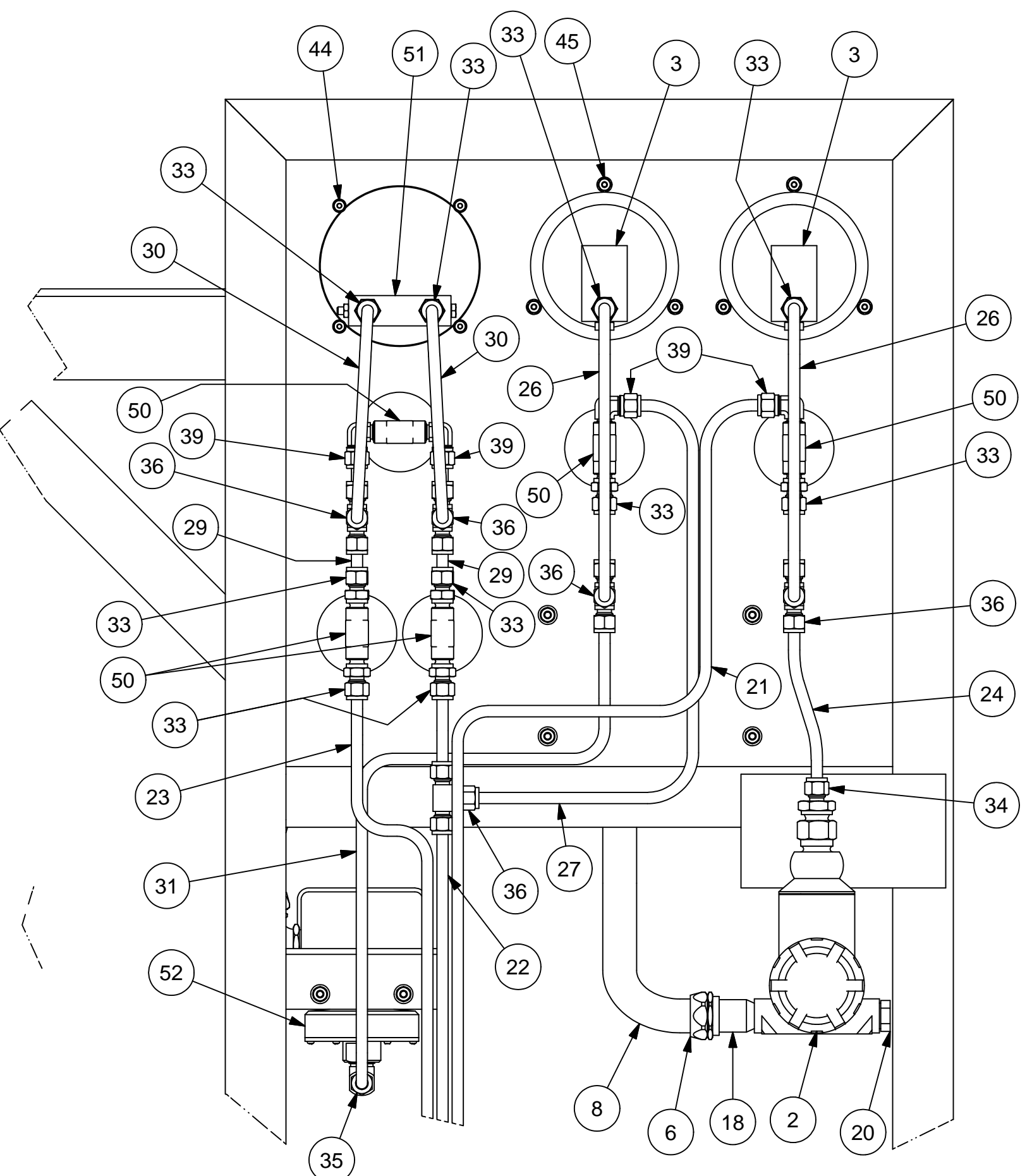
52	1	52NN-K117-M1-B2A-TT	PRESSURE & VACUUM SWITCH (40-0-40 IN WC)	SOR PRESSURE & VACUUM SWITCH				
51	1	120x4112	4-1/2" MODEL-120 FILTER MINDER GAUGE	MID-WEST INSTRUMENT FILTER MINDER GAUGE				
50	5	0153V3	1/4"FNPT GAGE VALVE w/STEM TEST CONN	DRAGON GAGE VALVE w/ STEM TEST				
49	2		1/4-20 x 1 in LONG HHCS	HEX BOLT CAD PLATED - GRADE-5			1.00 in	
48	10		1/4-20 x 3/4 in LONG HHCS	HEX BOLT CAD PLATED - GRADE-5			0.75 in	
47	6		10-24 x 1 in PHILLIPS PAN HEAD SCREW	10-24 UNC - Steel, High Strength Low Alloy			1.00 in	
46	10		HEX NUT	1/4-20 - HEX NUT CAD PLATED - GRADE-5				
45	6	4319-0832-00N	10-24 HEX KEPS NUT	KEPS HEX NUT				
44	4	4319-0832-00N	8-32 HEX KEPS NUT	KEPS HEX NUT				
43	12		HELICAL SPRING LOCK WASHER	1/4" - HELICOID SPRING LOCK WASHER - CAD				
42	14		Type A Plain Washer	1/4" - TYPE-A PLAIN FLAT WASHER - CAD				
41	6		Type A Plain Washer	#10 - TYPE-A PLAIN FLAT WASHER - CAD				
40	4		Type A Plain Washer	#8 - TYPE-A PLAIN FLAT WASHER - CAD				
39	4	SS-600-2-4	3/8"OD x 1/4" NPT ELBOW	SWAGelok MALE 90Deg ELBOW				
38	1	SS-810-2-8	1/2"OD x 1/2"NPT ELBOW	SWAGelok 90DEG ELBOW STAINLESS				
37	1	SS-810-1-8	1/2"OD x 1/2"MNPT FITTING	SWAGelok STRAIGHT FITTING STAINLESS				
36	5	SS-600-3	3/8" TEE - TUBE	SAWGELOK 3/8" TEE - TUBE				
35	2	SS-600-2-8	3/8"OD x 1/2"NPT 90Deg ELBOW	SWAGelok MALE 90Deg ELBOW NPT				
34	3	SS-600-1-8RS	3/8TUBE x 1/2MNPT FITTING	SWAGelok STRAIGHT FITTING				
33	10	SS-600-1-4RS	3/8TUBE x 1/4MNPT STRAIGHT FITTING	SWAGelok STRAIGHT MNPT FITTING				
32	1		BACK PRESSURE TUBE	1/2" OD TUBE - SS			28.91 in	
31	1		PRESSURE SWITCH LOW TUBE	3/8" OD TUBE - SS			25.47 in	
30	2		PRESSURE DIFF TUBE	3/8" OD TUBE - SS			10.84 in	
29	4		PRESSURE DIFF TUBE	3/8" OD TUBE - SS			1.75 in	
28	2		LOW PRESSURE GAUGE TUBE	3/8" OD TUBE - SS			2.82 in	
27	1		LOW PRESSURE GAUGE TUBE	3/8"OD TUBE - SS			21.84 in	
26	2		LOWE PRESSURE GAUGE TUBE	3/8" OD TUBE - SS			14.24 in	
25	1		PRESSURE DIFF TUBE	3/8" OD TUBE - SS			6.98 in	
24	1		PT TUBE	3/8" OD TUBE - SS			6.98 in	
23	1		PRESSURE DIFF TUBE	3/8" OD TUBE - SS			56.26 in	
22	1		PRESSURE DIFF TUBE	3/8" OD TUBE - SS			75.04 in	
21	1		PT TUBING	3/8" OD TUBE - SS			156.55 in	
20	1		1/2" Hex Head Plug	NPT HEX PLUG				
19	2		1/4" Hex Head Plug	NPT HEX PLUG				
18	1		3/4F x 1/2M REDUCING SOCKET	NPT MALE & FEMALE REDUCING SOCKET				
17	2	EYA100	1" EYA SEALING FITTING	1" NPT EYA SEALING FITTING				
16	2		1" STRAIGHT HUB CONNECTOR	STRAIGHT HUB CONNECTOR				
15	4		CONDUIT COUPLING	1 - CONDUIT COUPLING				
14	2		MOTOR CONDUIT	1 GALV RIDGED CONDUIT			20.00 in	
13	2		MOTOR CONDUIT	1 GALV RIDGED CONDUIT			5.88 in	
12	2	5354SST	1" LIQUID TIGHT 90Deg ELBOW	LIQUID TIGHT ELBOW				
11	2		1" LIQUID TIGHT STRAIGHT CONNECTOR	LIQUID TIGHT STRAIGHT CONNECTOR				
10	2		MOTOR LIQUID TIGHT	1" LIQUID TIGHT			22.53 in	
9	1		LIQUID TIGHT	3/4" LIQUID TIGHT			13.78 in	
8	1		LIQUID TIGHT	3/4" LIQUID TIGHT			12.09 in	
7	1		3/4" LIQUID TIGHT 90Deg ELBOW	LIQUID TIGHT ELBOW				
6	3		3/4" LIQUID TIGHT STARIGHT CONNECTOR	LIQUID TIGHT STRAIGHT CONNECTOR				
5	1		J-BOX	8x8x4 STAINLESS JUNCTION BOX				
4	1		J-BOX	6x6x4 STAINLESS JUNCTION BOX				
3	2	7112	4-1/2" PANEL MOUNT GRADE-2A	DWYER SERIES 7000 PRESSURE GUAGE				
2	1	3051TG2A2A21AB4C6	3051 PRESSURE TRANSMITTER	ROSEMOUNT PRESSURE TRANSMITTER				
1	1	409-2956-LFF7EA-700	MECHANICAL	ASSEMBLY				

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	DIMENSIONS ARE IN INCHES		S. Boerckel			
	TOLERANCES ON		CHECKED		TITLE	
	DECIMALS		T. KOONTZ			
	X.X ± 0.10		QA		CONTROLS, INSTRUMENTAION & ELECTRICAL ARRANGEMENT	
	X.XX ± 0.06		B. MADDUX			
	X.XXX ± 0.03		REVIEWER		LIQUID FUEL FORWARDING SKID - 7EA	
	HOLE DIA ± 0.03		PROJECT NO			
	ANGLES ± 0.50°		409-2956-1		ML:	
	SURFACE ✓ HFS-SF		CUSTOMER		DWG NO	
SQUARENESS ± 0.06		EDC - MARGARITA ISLAND		D		
DO NOT SCALE DRAWING		JOB NO		409-2956-LFF7EA-0000-1		
				REV		
				1		
				SCALE: NONE		
				WEIGHT: 6172 lbmass		
				SHEET 1		

1	CHG DISC PIPE 4" TO 3"	S. Boerckel	2/15/2011	T. KOONTZ	B. MADDUX
0	ISSUED FOR FABRICATION	S. Boerckel	1/26/2011	T. KOONTZ	B. MADDUX
REV	DESCRIPTION	AUTHOR	DATE	CHECKED B	QA/QC
REVISION HISTORY					


NOTES:  
1. CHECK PUMP CONNECTIONS FOR RESIDUAL STRESS





1	CHG DISC PIPE 4" TO 3"	S. Boerckel	2/15/2011	T. KOONTZ	B. MADDUX
0	ISSUED FOR FABRICATION	S. Boerckel	1/26/2011	T. KOONTZ	B. MADDUX
REV	DESCRIPTION	AUTHOR	DATE	CHECKED B	QA/QC
REVISION HISTORY					

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DIMENSIONS ARE IN INCHES		S. Boerckel		1/26/2011			
TOLERANCES ON		CHECKED					
DECIMALS		T. KOONTZ		2/3/2011		TITLE	
X.X	± 0.10	OA				CONTROLS, INSTRUMENTATION & ELECTRICAL ARRANGEMENT LIQUID FUEL FORWARDING SKID - 7EA	
X.XX	± 0.06	B. MADDUX		2/3/2011			
X.XXX	± 0.03	REVIEWER					
HOLE DIA	± 0.03						
ANGLES	± 0.50°						
SURFACE	✓ HFS-SF	PROJECT NO					
		409-2956-1					
		CUSTOMER					
		EDC - MARGARITA ISLAND					
SQUARENESS	± 0.06	JOB NO					
DO NOT SCALE DRAWING							
				SCALE: 1/8" = 1"		WEIGHT:	
						SHEET 2	

