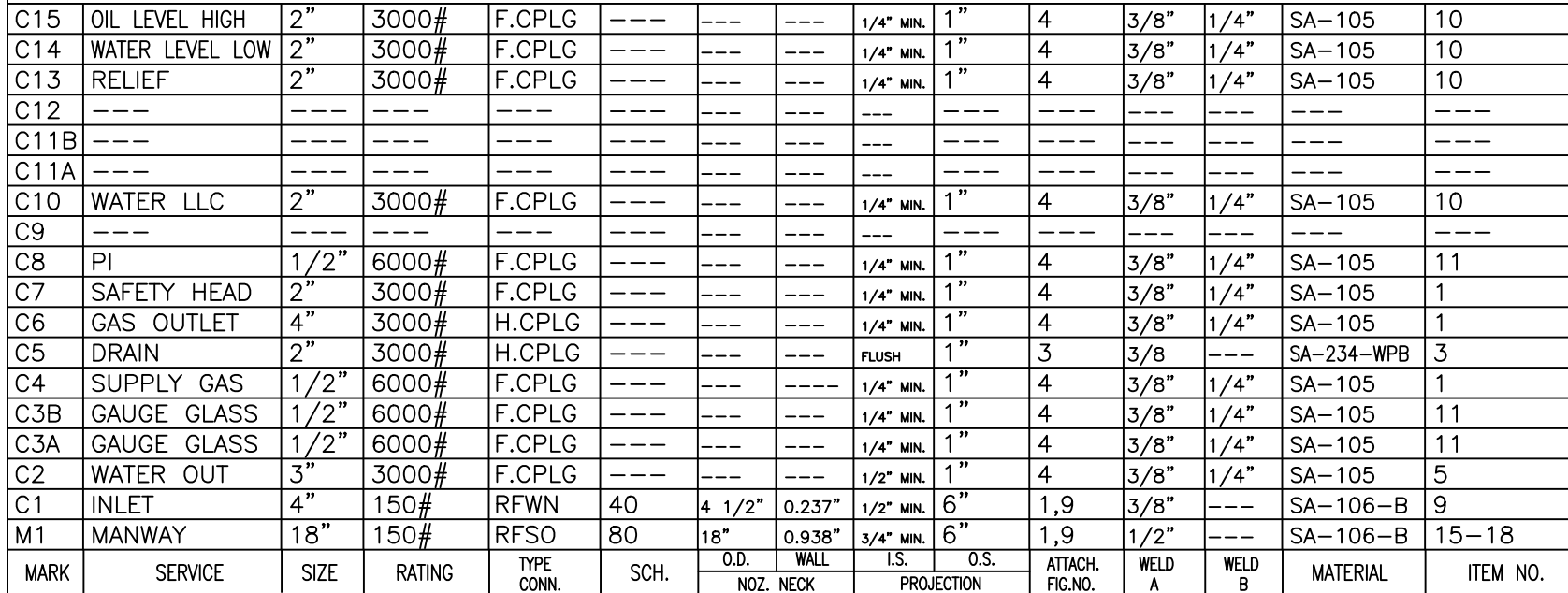
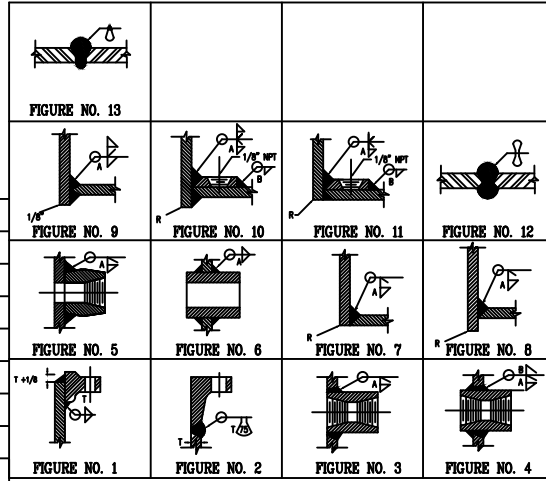




SCHEDULE OF OPENINGS AND WELDING DETAILS									
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WITHOUT THE CONSENT OF PERMIAN HOLDINGS
IS PROHIBITED.

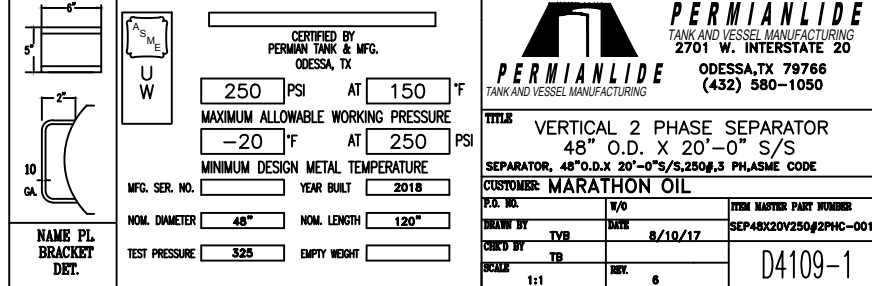
- | | |
|---|---|
| 1.) DESIGN PER ASME CODE SECTION VIII, DIV. 1, 2017 W/1 STAMP. | 1.) ALL TAIL DIMENSIONS ARE MEASURED FROM WORKLINE |
| 2.) OPERATING PRESSURE <u>250_PSI @ 150.° F.</u> | 2.) WORKLINE SHALL BE CENTER PUNCH MARKED INSIDE AND OUT |
| 3.) CORROSION ALLOWANCE: <u>0.00</u> | 3.) SHOP RECORDS REQUIRED: |
| 4.) HYDROSTATIC TEST PRESSURE: <u>325_PSI.</u> | MATERIAL RECORDS: REQ'D |
| 5.) JOINT EFFICIENCY <u>70_%</u> CIRCUM. STRESS JOINT EFFICIENCY <u>70_%</u> LONG. STRESS | P.W.H.T. CHART: NOT REQ'D |
| 6.) INTERNAL COATING: 100% SW ENVIROLINE 2405. | NAME PLATE RUB-OFF: NOT REQ'D |
| 7.) EXTERNAL COATING:
1ST COAT: SW MACROPOXY 646
2ND COAT: SW POLYURETHANE 100
COLOR: SHALE GREEN. | HYDRO CHART: NOT REQ'D |
| 8.) ALL INTERVALS ARE 3/8" THK. | 4.) TOLERANCE $\pm 1/8"$ ALL DIMENSIONS UNLESS NOTED OTHERWISE. |

SPECIFICATIONS	CONSTRUCTION NOTES
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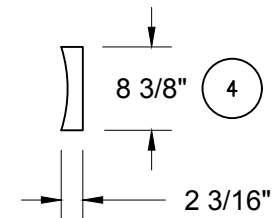
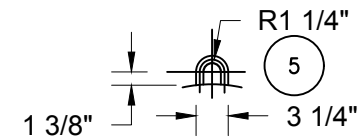
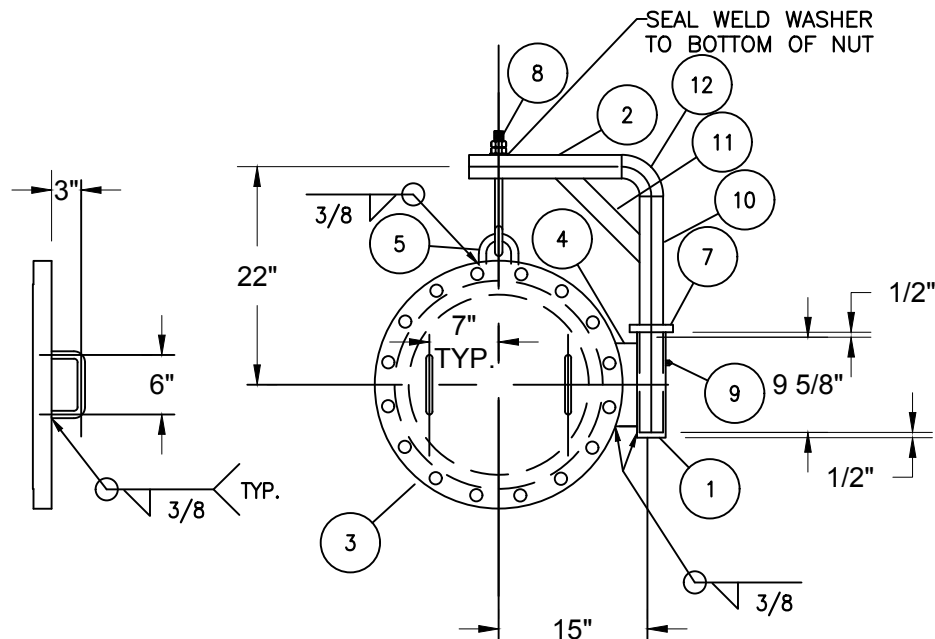
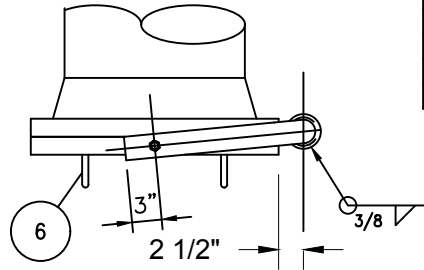
20	1	LUGSCPHX-002	PHOENIX LIFTING LUG MEDIUM 2-899-MLL	SA-36
19	4	LUGSCBRC0.375-003	FB, 3/8" X 2", 3" LG.	SA-36
18	1	DAVITARM18-001	DAVIT ARM 18" 150# RF	D4109-2
17	16	STUDC1.125-006	STUDS , 1 1/8" X 6" LG. W/ 2 HEX NUTS	SA-193-B7/SA-194-2'
16	1	GSKT118FLEX-001	GASKET 18" SPIRAL WOUND FLEXATALLIC TYPE CG	SA-304SS
15	1	NOZLC18#150RF-001-08SMLSB0	NOZZLE, 18" 150# RFSS S/80 PIPE - 8" LG.	SA-105/SA-106-B
14	1G.	PANT-061	SW - POLYURETHANE 100 - SHALE GREEN	----
13	2G.	PANT-053	SW - MACROPOXY 646-100	----
12	4G.	EPOX-343	SW - ENVIROLINE 2405	----
11	3	COUPC1/2#6000-001	1/2" 6000# F.CPLG	SA-105
10	4	COUPC02#3000-001	2" 3000# F.CPLG	SA-105
9	1	NOZLC04#150RF-002-07SMLSB0	4" 150# RFWN S/40 - 7" W/4" 45° ELBOW S/40	SA-106-B
8	4	RIVETO.125-001	RIVET,1/8",POP	SS
7	1	NAMEC04-001	NAMEPLATE, ASME CODE	SS
6	1	BRACK-003	NAMEPLATE, BRACKET	SA-36
5	1	COUPC03#3000-001	3" 3000# F.CPLG	SA-105
4	1	BAFFC04-002	PL, 3/8" X 16" X 46"(BAFFLE)	SA-36
3	1	HEADC.625X48-2.1-N-D4109-2	HEAD,ASME,2:1 ELLIP,48" O.D. x 5/8" NOM(0.5" MIN.) W/2" SF	SA-516-70N
2	2	RINGC0.5-048-516-70	PL,1/2"x120"x150 1/2" LG. (ROLL TO 48" OD)	SA-516-70
1	1	HEADC.625X48-2.1-N-D4109-1	HEAD,ASME,2:1 ELLIP,48" O.D. x 5/8" NOM(0.5" MIN.) W/2" SF	SA-516-70N

ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
BILL OF MATERIALS				

6	7/17/18	CLS	DRNH	REVISION TO RELOCATE C2 AWAY FROM H.A.Z.				
5	6/14/18	TVB	DH	INTERNAL REVIEW				
4	5/11/18	MF	DH	REVISED COATING TO SW ENVIROLINE 2405.				
3	4/25/18	MF	DH	REVISED PER NCR# V-18138.				
2	3/6/18	MF	TB	REVISED PER NCR# V-1866.				
1	12/22/17	MF	TB	REVISED PER INTERNAL REVIEW AND PLEX.				
0	10/27/17	MF	TB	CUSTOMER APP'D - ISSUED FOR FAB.				
F	10/23/17	MF	TB	REVISED PER CUSTOMER MARKUPS.				
E	10/16/17	MF	TB	REVISED PER CUSTOMER MARKUPS.				
D	9/21/17	MF	TB	REVISED PER CUSTOMER MARKUPS.				
C	6/28/17	TVB	TB	REVISED FROM 3 PHASE TO 2 PHASE/ CUSTOMER MARK UP				
B	6/22/17	TVB	TB	ADDED DAWIT TO MAINWAY	BOTTOM DRAIN	SCC-060	MIST EXTRACTOR	D4109-3
NO.	DATE	BY	CHK'D	REVISION	BOTTOM DRD ASSY	SCC-045	DAWIT	D4109-2
					DET. DETAILING	DET. DETAILING	DET. DETAILING	DET. DETAILING



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	PIPEC02.5S40-011	PIPE, 2 1/2" S/40(0.203" THK.), 11" LG.	SA-106-B
2	1	PIPEC02SXXH-15.375	PIPE, 2" S/XXH(0.436" THK.), 15 3/8" LG.	SA-106-B
3	1	FLNGC18#150RF-002	BLIND, 18" 150# RF	SA-105
4	1	FTBRCO.625-D3255-5	PL, 5/8" X 2 3/16" X 8 3/8" LG.	SA-516-70
5	1	PLATC0.75-3.50D	PL, 3/4" X 3 1/2" O.D. X 2 7/16" I.D.	SA-516-70
6	2	RDBRC5/8-001	RB, Ø5/8" X 7 13/16" LG.	SA-36
7	1	PLATC0.75-4.50D	PL, 3/4" X 4 1/2" O.D. X 2 3/8" I.D.	SA-516-70
8	1	BOLT0.625-010-EYE	EYEBOLT, Ø5/8" X 10" LG. W/2 HEX NUTS & WASHER	SA-193-B7
9	1	ZERK0.25NPT	1/4" NPT GREASE ZERK	PURCHASED
10	1	PIPEC02SXXH-23.375	PIPE, 2" S/XXH(0.436" THK.), 23 3/4" LG.	SA-106-B
11	1	FTBRCO.625-12	FB, 5/8" X 2" X 12" LG.	SA-36
12	1	ELB0C02-006	ELBOW, 2" 90° L.R. S/XXH	SA-234-WPB



PERMIANLIDE
TANK AND VESSEL MANUFACTURING
2701 W. INTERSTATE 20
ODESSA, TX 79766
(432) 580-1050

TITLE

MANWAY DAVIT ARM DETAIL
(18" 150# RF)

CUSTOMER	APACHE
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P.O. NO.

	W/O
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ITEM	MASTER PART NUMBER	QTY	UNIT PRICE	TOTAL PRICE
1	100-000000	1	100.00	100.00
2	200-000000	1	200.00	200.00
3	300-000000	1	300.00	300.00
4	400-000000	1	400.00	400.00
5	500-000000	1	500.00	500.00
6	600-000000	1	600.00	600.00
7	700-000000	1	700.00	700.00
8	800-000000	1	800.00	800.00
9	900-000000	1	900.00	900.00
10	1000-000000	1	1000.00	1000.00
11	1100-000000	1	1100.00	1100.00
12	1200-000000	1	1200.00	1200.00
13	1300-000000	1	1300.00	1300.00
14	1400-000000	1	1400.00	1400.00
15	1500-000000	1	1500.00	1500.00
16	1600-000000	1	1600.00	1600.00
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18	1800-000000	1	1800.00	1800.00
19	1900-000000	1	1900.00	1900.00
20	2000-000000	1	2000.00	2000.00
21	2100-000000	1	2100.00	2100.00
22	2200-000000	1	2200.00	2200.00
23	2300-000000	1	2300.00	2300.00
24	2400-000000	1	2400.00	2400.00
25	2500-000000	1	2500.00	2500.00
26	2600-000000	1	2600.00	2600.00
27	2700-000000	1	2700.00	2700.00
28	2800-000000	1	2800.00	2800.00
29	2900-000000	1	2900.00	2900.00
30	3000-000000	1	3000.00	3000.00
31	3100-000000	1	3100.00	3100.00
32	3200-000000	1	3200.00	3200.00
33	3300-000000	1	3300.00	3300.00
34	3400-000000	1	3400.00	3400.00
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36	3600-000000	1	3600.00	3600.00
37	3700-000000	1	3700.00	3700.00
38	3800-000000	1	3800.00	3800.00
39	3900-000000	1	3900.00	3900.00
40	4000-000000	1	4000.00	4000.00
41	4100-000000	1	4100.00	4100.00
42	4200-000000	1	4200.00	4200.00
43	4300-000000	1	4300.00	4300.00
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48	4800-000000	1	4800.00	4800.00
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50	5000-000000	1	5000.00	5000.00
51	5100-000000	1	5100.00	5100.00
52	5200-000000	1	5200.00	5200.00
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61	6100-000000	1	6100.00	6100.00
62	6200-000000	1	6200.00	6200.00
63	6300-000000	1	63	

DRAWN BY

	DATE
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DAVITARM18-001

CHK'D BY

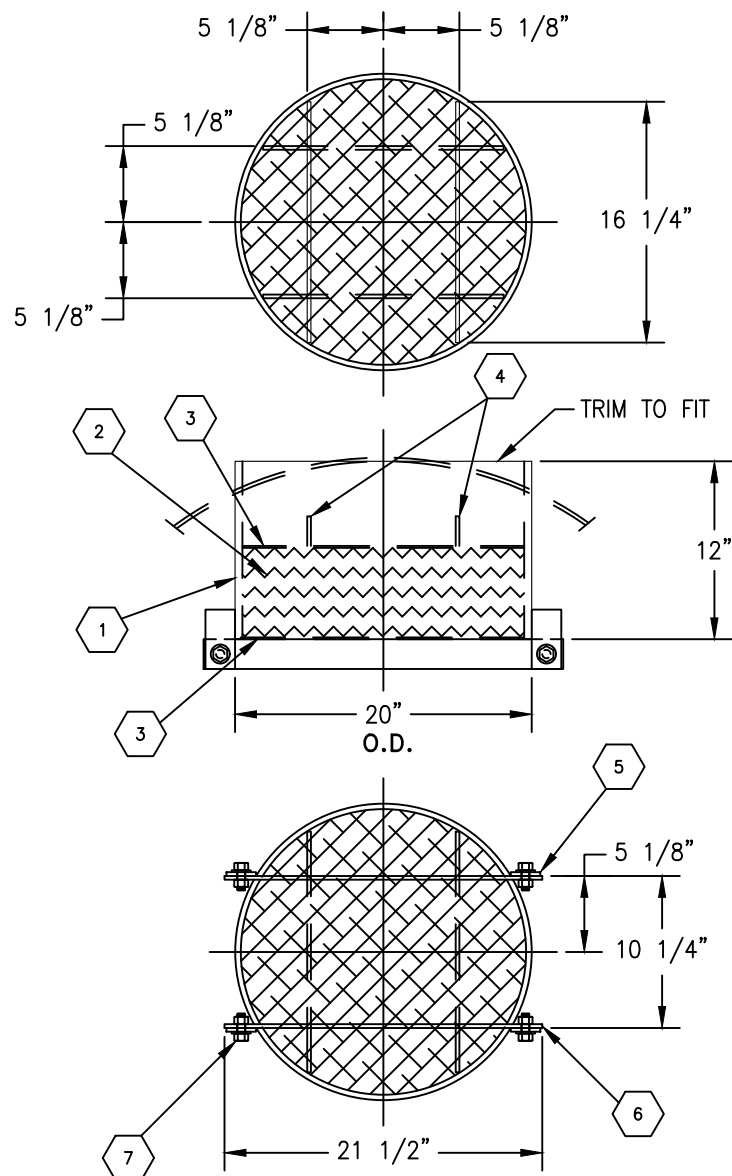
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DWG.NO.	D4109-2
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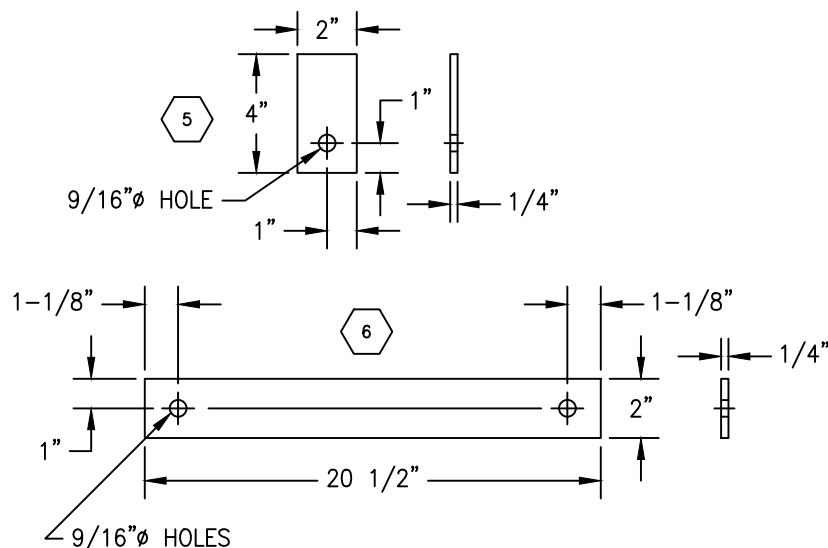
SCALE

	REV.
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DWG.NO. D4109-2



ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL
1	1	PIPEC20S10-001-12	PIPE, 20", 0.25" WALL, X 12" LG.	SA-106-B
2	1	MISTC08-VANE-001	VANE PAD, 8" THK. X 19 1/4" O.D.	304 S.S.
3	2	EXMLC4X8-001-20	EXPANDED METAL, 3/4", #9	SA-36
4	2	FTBRC0.25-007-16.5-SC-124	FLAT BAR, 1/4" X 2" X 16 1/2" LG.	SA-36
5	4	FTBRC0.25-007-04-SC-111	FLAT BAR, 1/4" X 2" X 4" LG.	SA-36
6	2	FTBRC0.25-007-20.5-SC-124	FLAT BAR, 1/4" X 2" X 20 1/2" LG.	SA-36
7	4	BOLTS0.5-001	BOLT, 1/2"x1 1/2" LG. w/NUTS	SS



		PERMIANLIDE TANK AND VESSEL MANUFACTURING 2701 W. INTERSTATE 20 ODESSA, TX 79766 (432) 580-1050
TITLE 20" MIST EXTRACTOR (REMOVABLE)		
CUSTOMER STOCK		
P.O. NO.	W/O	ITEM MASTER PART NUMBER
DRAWN BY MF	DATE 12/22/17	MISTC20-003
CHK'D BY TB	REV. --	DWG.NO. D4109-3
SCALE N/A	REV. 6	