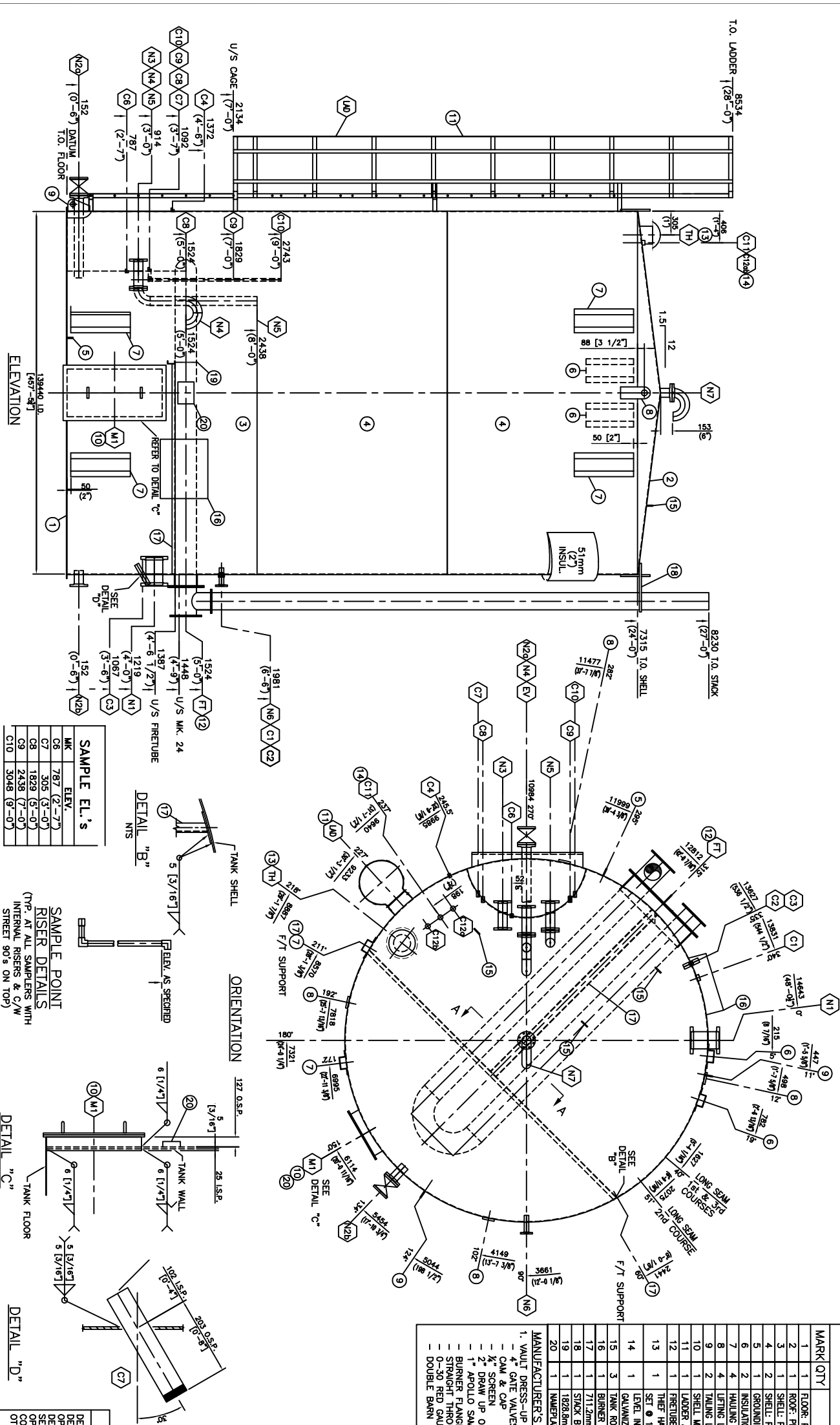


SHELL JOINT – VERTICAL	SHELL JOINT – HORIZONTAL	SHELL TO FLOOR	SHELL TO ROOF	ROOF JOINT	ROOF JOINT (OPTION)	FLOOR JOINT	FLOOR JOINT (OPTIONAL)

NOZZLE SCHEDULE										
MK#	QTY	SIZE	SCH	CLASS	TYPE	O.S.P.	I.S.P.	REPAID 00 x ID	SERVICE/DESCRIPTION	ELEVATION
N1	1	219 (8")	40	150	RF50	152 (6")	203(8")	485±222	OVERFLOW C/W INT FLANGE/BLIND FLANGE	1219 (4'-0")
N2a	1	114 (4")	180	150	RF50	AS SHOWN	51 (2")		SINKER C/W 4" GATE VALVE/THERMOG FLANGE/BLIND FLUG	152 (6")
N2b	1	114 (4")	180	150	RF50	152 (6")	127 (5")	305±117 TS	SINKER C/W 4" GATE VALVE/THERMOG FLANGE/BLIND FLUG	152 (6")
N3	1	114 (4")	40	150	RF50	152 (6")	127 (5")		WATER DRALET C/W INT FLANGE/TROBE VALVE	914 (3'-0")
N4	1	114 (4")	40	150	RF50	152 (6")	127 (5")		WATER DRALET C/W INT FLANGE/TROBE VALVE/INT RISER 5"	914 (3'-0")
N5	1	114 (4")	40	150	RF50	152 (6")	127 (5")		WATER DRALET C/W INT FLANGE/TROBE VALVE/INT RISER 6"	914 (3'-0")
N6	1	60 (2")	40	150	RF50	152 (6")	127 (5")	-	SAMPLE RECIRCULATION C/W BLIND FLANGE	1981 (6'-6")
C1	1	52 (2")	-	3000	HMF CRG	FULL	-		LOW LEVEL SHUT DOWN	1981 (6'-6")
C2	1	19 (3/4")	-	3000	FULL CRG	HALF	-		CS TREE CONNECTION	1981 (6'-6")
C3	1	80 (2")	80	-	IMPLE	SEE DET Y	SEE DET Y		LEVEL TRANSMITTER C/W CP (FUTURE SOWA)	1087 (3'-6")
C4	1	19 (3/4")	-	3000	FULL CRG	HALF	-		TRIP GAUGE	1312 (4'-6")
C6	1	25 (1")	-	3000	FULL CRG	HALF	-		SAMPLE CONNECTION	787 (2'-7")
C7	1	25 (1")	-	3000	FULL CRG	HALF	-		SAMPLE CONNECTION C/W REL INT. C.S. SAMPLE LINE TO 3"	1092 (3'-7")
C8	1	25 (1")	-	3000	FULL CRG	HALF	-		SAMPLE CONNECTION C/W REL INT. C.S. SAMPLE LINE TO 5"	1092 (3'-7")
C9	1	25 (1")	-	3000	FULL CRG	HALF	-		SAMPLE CONNECTION C/W REL INT. C.S. SAMPLE LINE TO 6"	1092 (3'-7")
C10	1	25 (1")	-	3000	FULL CRG	HALF	-		SAMPLE CONNECTION C/W REL INT. C.S. SAMPLE LINE TO 8"	1092 (3'-7")
C11	1	38 (1 1/2")	-	3000	FULL CRG	HALF	-		LEVEL INDICATOR	ROOF
C12ab	2	38 (1 1/2")	-	-	FULL CRG	HALF	-		FLOAT GUIDE WIRES	ROOF
FT	1	223 (10")	-	-	RFBD	152 (6")	6 (1/4")		PURIFIER	1524 (5'-0")
TH	1	219 (8")	40	RFBD	RFBD	203 (8")	6 (1/4")		THROT HATCH	ROOF
EV	1	1534±1524 (5'-52")	N/A	N/A	N/A	N/A	6 (1/4")		ENHANCED C/W LOCKABLE DOORS	-
M1	1	610X1220 (2'x4")	-	RFBD	RFBD	SEE DET. °C	SEE DET. °C		SHELL MANNV	FLOOR

BILL OF MATERIAL

MARK QTY	COMPONENT DESCRIPTION	MATERIAL	WT
1	FLOOR: PLATE 4.76mm (3/16") THK. x 4763mm (15'-7 1/2") DIA.	GA021-44W	
2	1 ROOF: PLATE 4.76mm (3/16") THK. x 4763mm (15'-6") DIA.	GA021-44W	
3	1 SHELL: PLATE 6.35mm (1/4") THK. x 2438mm (8'-0") x 14623mm (47'-11 3/4") LG.	GA021-44W	
4	2 SHELL: PLATE 4.76mm (3/16") THK. x 2438mm (8'-0") x 14618mm (47'-11 3/4") LG.	GA021-44W	
5	1 GRONDING LUG A1M-SID-002 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
6	2 INSULATION PROTECTOR PADS A1M-SID-005 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
7	4 HAILING PADS A1M-SID-004 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
8	4 LIFTING LUGS A1M-SID-001 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
9	2 TAILING LUG A1M-SID-003 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
10	1 SHELL MOUNTING C/W 2-0" x 4-0" COVER A1M-SID-009 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
11	1 LADDER ASSEMBLY - STRAIGHT LADDER (A1M-SID-102-03)	GA021-44W	
12	1 FURTHER REMOVABLE U-TIE EMWRO 660-M/GSRT-12 SWEET-HI THEE HATCH/CASKET	GA021-44W	
13	1 SET @ 1202. PRESSURE & 0.4 oz. VACUUM (REFER TO A1M-SID-008)	GA021-44W	
14	1 LEVEL, INDICATOR 3M A1M GAUGING SYSTEM C/W FLOAT,	GA021-44W	
15	3 GALVANIZED METAL BOARD 0-30 RED (CUBIC METERS) & HARDWARE	GA021-44W	
16	1 BURNER BOIL 762mm (30") x 610mm (24") x 254mm (10") DOUBLE BURN DOOR	GA021-44W	
17	1 7112mm (24'-4") C10068 CHANNEL REINFORCEMENT SUPPORT	GA021-44W	
18	1 STACK BRACKET FOR 219.1mm (8") STACK (A1M-SID-101-02)	GA021-44W	
19	1 18283mm (6") FIBERGLASS HOLD DOWN BAR (S/4" BENT ROD)	GA021-44W	
20	1 NAMEPLATE C/W BRACKET A1M-SID-006 (REFER TO DWG#A1M-SID-100-01)	GA021-44W	
MANUFACTURER'S NOTES:		TOTAL WEIGHT:	
1. VALVE PRESS-UP - 4" GATE VALVES - CAM & CAP - 3/4" SCREEN - 2" DRAW UP ON N3 - 1" APOLLO SAMPLE VALVES - BURNER FLANGE 12 3/8"OD - STRAIGHT THROUGH VALVE STING - 0-30 RED GAUGE BOARD - DOUBLE BURN DOOR BURNER BOX		1. COVER ALL OPEN NOZZLES 2. SHIP DOOR ITEMS 3. STD DOOR BOIL/CASKET KIT 4. STD DOOR BOIL/CASKET KIT 5. STD DOOR BOIL/CASKET KIT 6. STD DOOR BOIL/CASKET KIT 7. STD DOOR BOIL/CASKET KIT 8. STD DOOR BOIL/CASKET KIT 9. STD DOOR BOIL/CASKET KIT 10. STD DOOR BOIL/CASKET KIT 11. STD DOOR BOIL/CASKET KIT 12. STD DOOR BOIL/CASKET KIT 13. STD DOOR BOIL/CASKET KIT 14. STD DOOR BOIL/CASKET KIT 15. STD DOOR BOIL/CASKET KIT 16. STD DOOR BOIL/CASKET KIT 17. STD DOOR BOIL/CASKET KIT 18. STD DOOR BOIL/CASKET KIT 19. STD DOOR BOIL/CASKET KIT 20. STD DOOR BOIL/CASKET KIT	

[illegible]

CUSTOMER SPECIFICATIONS					
DESIGN CODE:	MODIFIED AP 12F	EXTERNAL:			
OPERATING PRESSURE:	ATMOSPHERE	INTERNAL:	LIMITED TO AIR TESTING		
OPERATING TEMPERATURE:	OIL, WATER, GAS (SWEET)	TESTING:	AFTER AP 12F CODE		
SERVICE TEMPERATURE:			WITH 5 YEAR GUARANTEE		
OPERATING LEVEL:	NONE	INSULATION:	Foam Spray On With 15mm DFT Black Elastomeric Sealer.		
CORROSION ALLOWANCE:	NONE				
OTHER:					
					
AUTOMATED TANK MANUFACTURING INC. P.O. Box 420 100 ZPO Midway, ALABAMA					
USD	EPICCO _	DATE	2013/05/22	SCALE	1:30 (A1 Size)
TITLE 750BBL SALES TANK (C/W STRAIGHT LADDER) ORIENTATION & ELEVATION					
AREA _		FILE NO.	ATMI-750-HARY-09A		