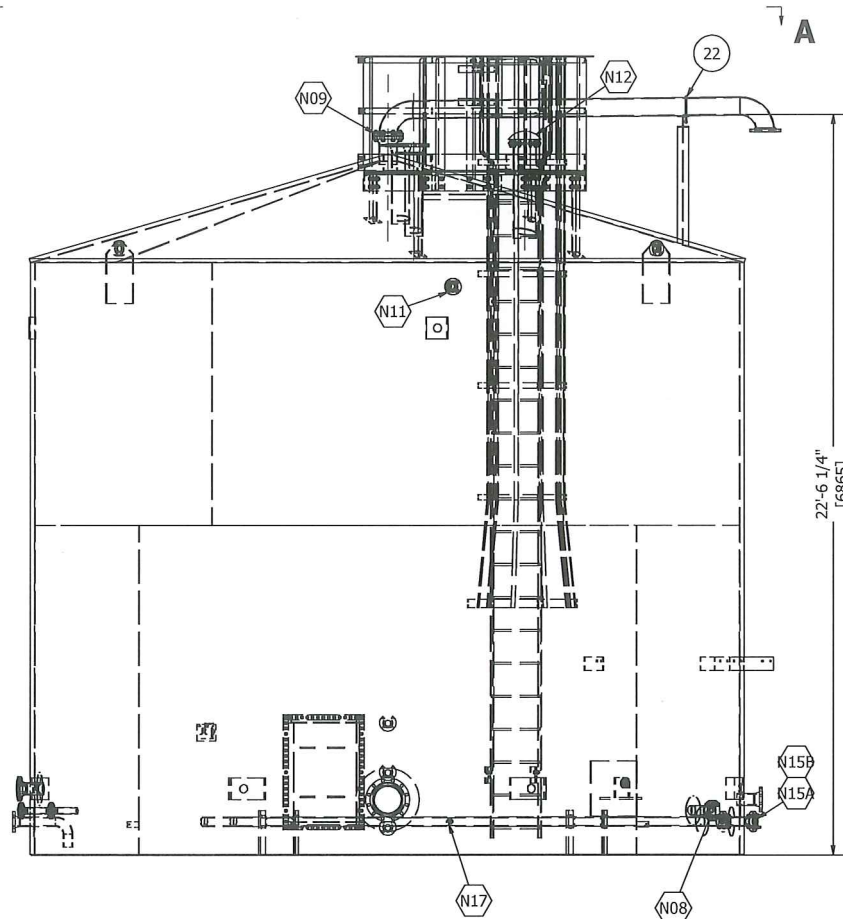




ISOMETRIC VIEW

GENERAL NOTES:

1. INSULATION: 1 1/2" SPRAY FOAM INSULATION.
2. HEAT TRACING: NIL
3. ALL OPENINGS TO BE COVERED PRIOR TO SHIPPING
4. PLATFORM AND LADDER TO BE SHIPPED LOOSE
5. APPROXIMATE SHIPPING WEIGHTS:
 - TANK: 24,000 lbs
 - PLATFORM AND LADDER: 1,300 lbs
6. APPROXIMATE TOTAL WEIGHT: 25,300 lbs
7. SHIPPING DIMENSIONS: 23'-0" W x 22'-4" H x 23'-2" LG

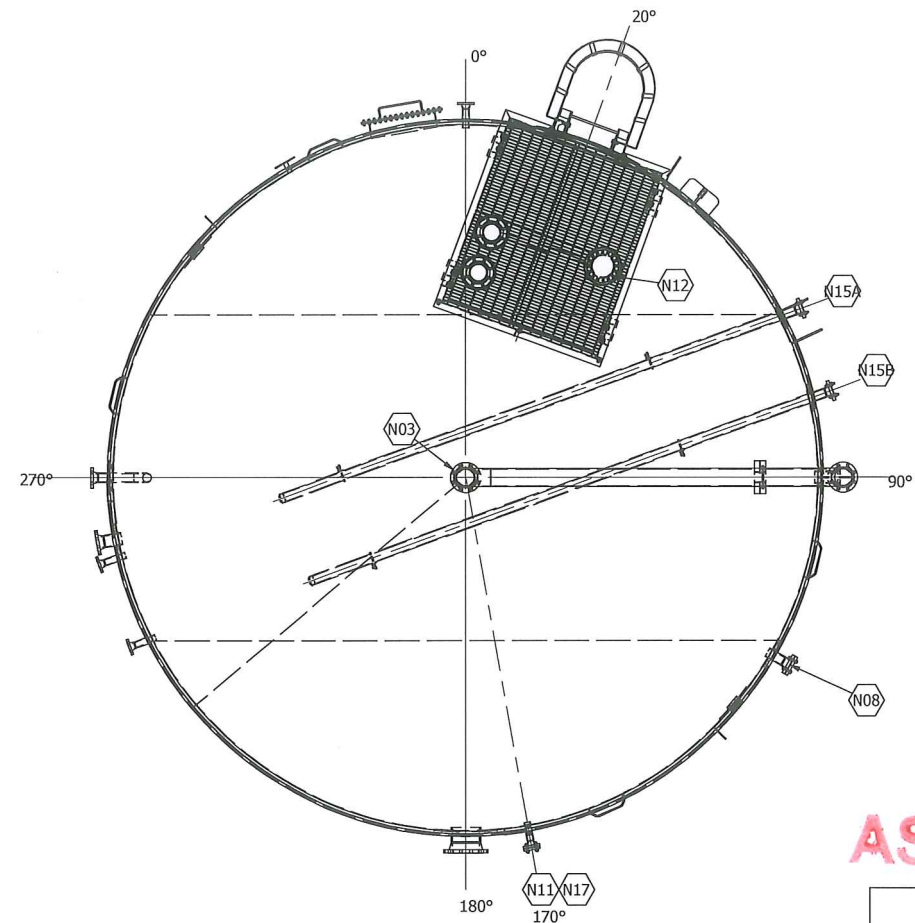


ELEVATION VIEW

REV	DATE	DESCRIPTION	BY	APP
A	2/19/2014	ISSUED FOR APPROVAL	KMP	
B	06/20/2014	REVISED NOZZLES ORIENTATION, ISSUED FOR APPROVAL	EJ	
0	8/27/2014	ISSUED FOR FABRICATION	KMP	
1	12/1/2014	AS BUILT	KMP	

BILL OF MATERIALS

ITEM	QTY	REF.	PART No.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT
1	1	TANK	-	TANK WELDED ATTACHMENTS (SEE DRAWING D2468-301 FOR DETAILS)			23426.33
2	1	INSULATION	-	1 1/2" THK SPRAY FOAM INSULATION			402.92
3	8	N03	1-002641	3/4" DIA x 4" LG STUD		SA-193-B7M	4.11
4	16	N03	1-001872	3/4" DIA HEX NUT		SA-194-2HM	3.41
5	1	N03	1-006078	6" x CLASS 150 RF "CG" GASKET		316SS	0.72
6	1	N12	1-016226	ENARDO 660 THIEFHATCH SET AT 40Z		SA-36	82.62
7	16	N12	1-002615	1/2" DIA x 2 1/2" LG STUD		SA-193-B7M	2.29
8	32	N12	1-001865	1/2" DIA HEX NUT		SA-194-2HM	2.29
9	1	N12	1-004683	1/8" THK x 8" THIEF HATCH GASKET		NEOPRENE	0.18
10	16	N08,N11,N15A/B	1-002627	5/8" DIA x 3 1/2" LG STUD		SA-193-B7M	4.99
11	32	N08,N11,N15A/B	1-001868	5/8" DIA HEX NUT		SA-194-2HM	4.16
12	3	N08,N15A/B	1-001296	3" x CLASS 150 RF "CG" GASKET		316SS	1.11
13	2	N15A/B	1-016179	PIPE INSERT HEATER MXT315F3198X-00X			
14	1	N08	1-000891	3" x CLASS 150 RF BLIND FLG		SA-105-N	10.95
15	1	N11	1-000869	2" x CLASS 150 RF BLIND FLG		SA-105-N	5.38
16	1	N11	1-001291	2" x CLASS 150 RF "CG" GASKET		316SS	0.27
17	8	LADDER BOLTS	1-014369	5/8" DIA x 1 3/4" LG STRUCTURAL HEX BOLT, c/w NUT AND WASHER		SA-325	3.24
18	22	HANDRAIL TO PLATFORM/ PLATFORM POSTS	1-011909	3/4" DIA x 1 3/4" LG STRUCTURAL HEX BOLT, c/w NUT AND WASHER		SA-325	13.93
19	8	REMOVABLE HANDRAIL	1-005535	5/8" DIA x 1 1/2" LG STRUCTURAL HEX BOLT, c/w NUT AND WASHER		SA-325	3.05
20	1	N17	1-010276	3/4" x 1/2" THERMOWELL X 6" STEM		316SS	
21	1	N17	1-016180	THERMOSTAT ASSEMBLY WELL (10°C TO 120°C)			
22	1	N03 SUPPORT	1-000266	6" U-BOLT c/w NUTS		MILD STEEL	2.19
32	1	NAMEPLATE	1-014066	6" x 8" NAMEPLATE		ALUMINUM	0.17
							23974.30



ORIENTATION VIEW A-A

AS-BUILT

CLIENT: MEG ENERGY
PROJECT NUMBER: H343937
PROJECT NAME: 1500 BPD HI-Q FIELD
DEMONSTRATION PILOT PLANT
PROJECT LOCATION: BRUDERHEIM, AB

BILTON
Welding and Manufacturing Ltd.

BOX 6106
5815 37 Street
INNISFAIL, AB
CANADA
403-227-7799
1-888-227-4923
FAX 227-7796

This drawing is property of BILTON WELDING AND MANUFACTURING LTD and is lent to the recipient for their confidential use only. In consideration of the loan of this drawing, the recipient promises and agrees that it shall not be used in any way detrimental to the interests of BILTON WELDING AND MANUFACTURING LTD, that it shall be returned upon request, and shall not be reproduced, copied, lent, or otherwise disposed of, directly or indirectly, without the written consent of BILTON WELDING AND MANUFACTURING LTD.

MEG ENERGY

SLOP/HI-Q/DILUENT STORAGE TANK - TAG #: D-04A
FINAL ASSEMBLY

DATE: 2/4/2014	SALE ORDER: 003603	SIZE
SHEET: 1 OF 1	JOB ORDER: D2468	D
PURCHASE ORDER: HATCH-PM002	DRAWING NO.: D2468-101	REV. 1
LOCATION: SE 1/4 34-55-20 W4M		
CRN DWG: N/A		
CRN NUMBER: N/A		
PROJECT MANAGER: P.M.		