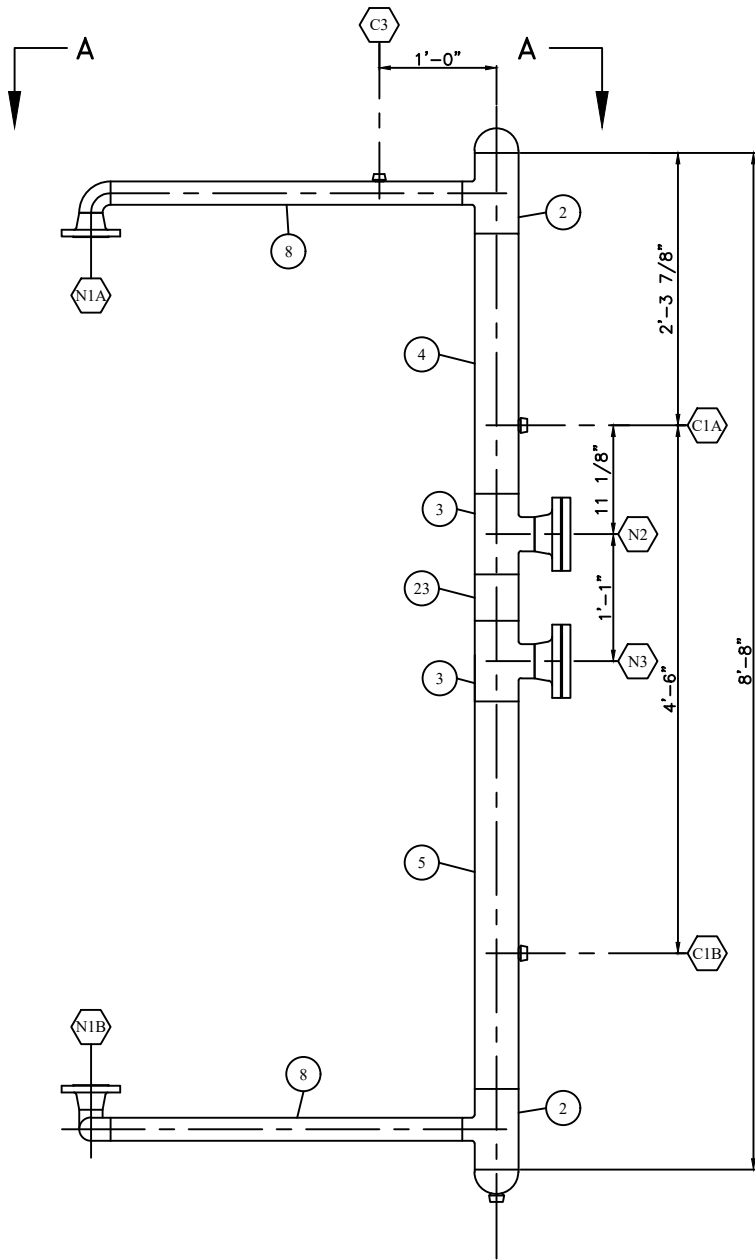
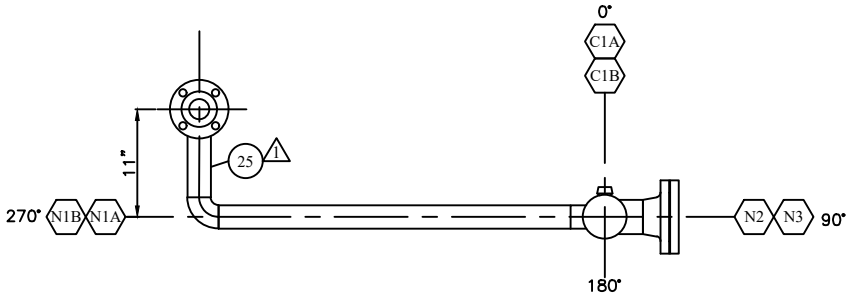


FILE PATH: MAINDATA\CAD\TANKS\A600-A69\A648-2



ELEVATION VIEW



ORIENTATION VIEW A-A

NOZZLE SCHEDULE

MARK	NO. REQ'D	DESCRIPTION	SIZE	ANSI	TYPE	PROJECTION		WELD DETAIL	WELD		REPAD		BILL OF MATERIALS	
						INSIDE	OUTSIDE		A	B	C	D	ITEM NUMBER	
N1A/E	1	INLET	2"	150#	RFWN	—	—	1	—	—	—	—	6,7,8,9,10,24,25	
N2	1	LSHH	3"	150#	RFWN	—	—	1	—	—	—	—	9,10,11,12,13,14	
N3	1	LSH	3"	150#	RFWN	—	—	1	—	—	—	—	9,10,11,12,13,14	
C1A/E	2	LG	3/4"	3000#	TOL	—	—	2	3/8	—	—	—	15,16,17,18	
C2	1	DRAIN	3/4"	3000#	TOL	—	—	2	3/8	—	—	—	15,16,17,19	
C3	1	PI	1/2"	3000#	TOL	—	—	2	3/8	—	—	—	20,21,22	

BILL OF MATERIALS

ITEM	REQ'D	PART	DESCRIPTION	MATERIAL	WEIGHT
1	2	HEAD	4" WELD CAP SCH STD	SA-234-WPB	—
2	2	SHELL	4" x 2" RED TEE SCH STD	SA-234-WPB	—
3	2	SHELL	4" x 3" RED TEE SCH STD	SA-234-WPB	—
4	1	SHELL	4" PIPE SCH STD x 2'-2 3/8" LG (BBE)	SA-106-B	—
5	1	SHELL	4" PIPE SCH STD x 3'-3 3/8" LG (BBE)	SA-106-B	—
6	2	N1	2" x 150# RFWN FLG SCH STD	SA-105-N	—
7	2	N1	2" x 150# RF FLEX GASKET	304SS	—
8	2	N1	2" PIPE SCH STD x 3'-0" LG (BBE)	SA-106-B	—
9	16	N1,N2,N3	5/8" DIA x 3 1/2" LG STUD	SA-193-B7M	—
10	32	N1,N2,N3	5/8" DIA NUT	SA-194-2HM	—
11	2	N2,N3	3" x 150# RFWN FLG SCH STD	SA-105-N	—
12	2	N2,N3	3" x 150# RF HUB BLIND TAPPED TO 2"	SA-105-N	—
13	2	N2,N3	3" x 150# RF FLEX GASKET	304SS	—
14	2	N2,N3	MURPHY L1200 LEVEL SWITCH NACE (ELECTRIC)	—	—
15	3	C1,C2	3/4" x 4" x 3000# TOL	SA-105-N	—
16	3	C1,C2	3/4" x 3000# WKM BALL VALVES NACE	SA-105-N	—
17	5	C1,C2	3/4" x CLOSE NIPPLE SCH STD	SA-106-B	—
18	2	C1	PENBERTHY 2TM7 LEVEL GAUGE c/w 1 SET 330J GAUGE VALVES NACE	—	—
19	1	C2	3/4" x 90° STREET ELBOW	SA-105-N	—
20	1	C3	1/2" x 2" x 3000# TOL	SA-105-N	—
21	1	C3	1/2" x 6000# MALE/FEMALE NEEDLE VALVE	SA-105-N	—
22	1	C3	0-60 PSI PRESSURE GAUGE (SOUR)	—	—
23	1	SHELL	4" PIPE SCH STD x 4 1/2" LG (BBE)	SA-106-B	—
24	3	N1	2" x 90° SR BW ELBOWS SCH STD	SA-234-WPB	—
25	1	N1B	2" PIPE SCH STD x 7" LG (BBE)	SA-106-B	—

GENERAL NOTES

- DESIGN TEMP & PRESSURE: 50 PSI @ 100°F
MIN. DESIGN METAL TEMP: -20°F
CORROSION ALLOWANCE: 1/8"
- HYDROTEST PRESSURE: 75 PSIG
- IMPACT TESTS EXEMPT AS PER 323.2.2B
- FLANGE MATERIAL: SA-105-N
- PIPE MATERIAL: SA-106-B
- PLATE MATERIAL: SA-36
- BOLTING MATERIAL: SA-193-B7M/SA-194-2HM
- EXTERNAL SANDBLAST: SSPC-SP6 (COMMERCIAL)
- EXTERNAL COATING ONE COAT PRIMER
ONE COAT INDUSTRIAL ENAMEL
- ALL BOLT HOLES TO STRADDLE CENTERLINE
- ALL OPENINGS TO BE COVERED PRIOR TO SHIPPING
- FABRICATION TOLERANCES AS PER BILTON DRAWING NUMBER TOL2002
- BRIDLE ATTACHED TO VESSEL A649-1 S/N: 12895
- CRN DRAWING NUMBER: BWM-070-03

1	WELD NECK FLANGE	2	THREDOLET

WELD DETAIL NUMBER	REGISTERED WELDING PROCEDURE NUMBER			BACKWELD/GOUGE
	ROOT	HOT PASS	FILL & CAP	
1,2	BWM-001	BWM-001	BWM-001	N/A

REV. NO.	DATE	REVISION	BY	APPD
A	02/28/03	ISSUED FOR APPROVAL	DSG	
B	03/10/03	REVISED AS PER CLIENT REQUEST	DSG	
0	03/11/03	ISSUED FOR FABRICATION	DSG	JAM
1	04/01/03	ADDED GENERAL NOTE 13	JAM	
2	04/03/03	AS BUILT DRAWING	JMB	

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CONOCOPHILLIPS CANADA
60 BBL SINGLE WALL ABOVE GROUND INCINERATOR TANK TAG: V-0701
BRIDLE ASSEMBLY

DATE: 02/28/03
SCALE: N.T.S.
DRAWN BY: DSG
PURCHASE ORDER: JH1-4932
LOCATION: 12-29-36-06 W5M
APP'D BY:

SHEET: 2 OF 3
JOB NO.:
A648
DRAWING NO.:
A648-2

SIZE
D
REV.
2