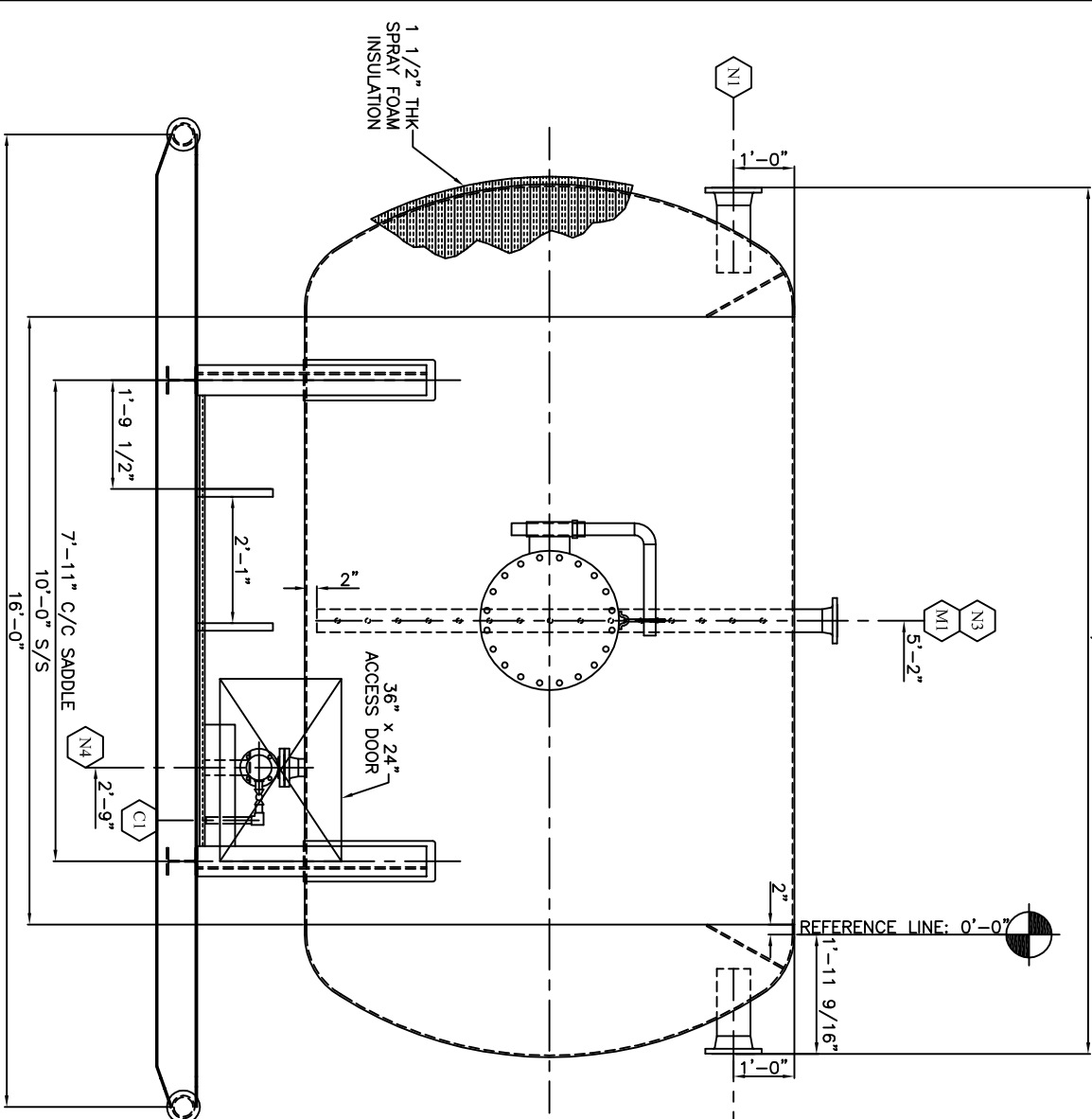
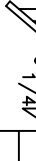


CONTAINMENT TRAY DETAIL

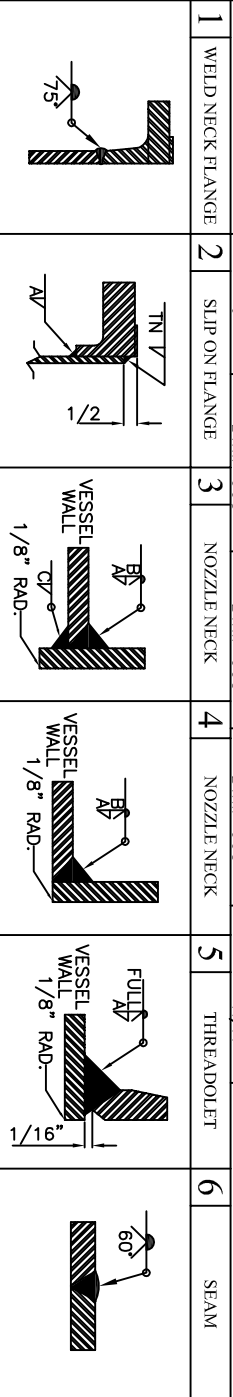
14'-3 1/16"



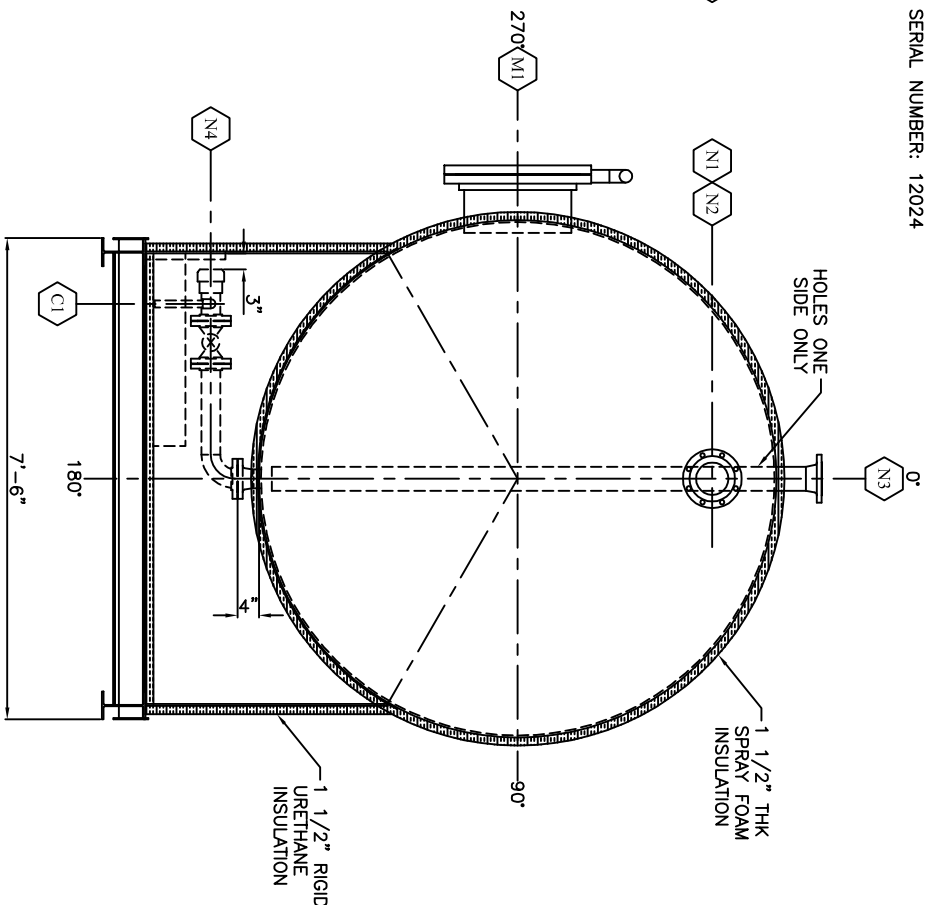
ELEVATION VIEW

7		ATTACHMENT	
			
VESSEL WALL			
ATTACHMENT			

ELEVATION VIEW				
WELD DETAIL NUMBER	REGISTERED WELDING PROCEDURE NUMBER			BACKWELD/GOUGE
	ROOT	HOT PASS	FILL & CAP	
1,2,3,4,5,7	BWM-001	BWM-001	BWM-001	N/A
6	BWM-003	BWM-003	BWM-003	N/A



ORIENTATION VIEW A-A



NOZZLE SCHEDULE

MARK	NO. REQ'D	DESCRIPTION	SIZE	ANSI	TYPE	PROTECTION		WELD DETAIL	WELD				REPAD		BILL OF MATERIALS	
						INSIDE	OUTSIDE		A	B	C	D	ITEM NUMBER	ITEM NUMBER		
M1	1	MANNWAY	20"	150#	RFSO	1"	8	1/2"	5/16	FULL	1/2	—	—	—	9.10,11,12,13,14,15	
N1	1	INLET	6"	150#	RFWN	6"	8	1/2"	5/16	FULL	3/8	—	—	—	12.1,3,14,15	
N2	1	OUTLET	6"	150#	RFWN	6"	8	1/2"	5/16	FULL	3/8	—	—	—	12.1,3,14,15	
N3	1	GLAGE	4"	150#	RFWN SHOWN	8	1/2"	1/3	1/4	FULL	7/16	—	—	—	16.1,7,18,19,20,21,22	
N4	1	PUMP/OUT	3"	150#	REWN	FLUSH	SHOWN	2.4	1/4	FULL	—	—	—	—	21 — 34, 41	
C1	1	SUCK/OUT	1"	3000#	TOL	—	—	5	1/4	—	—	—	—	—	35,36,37,38,39,40	

DESIGN NOTES

1. QUALITY CONTROL PROGRAM NUMBER: AQP 1317
2. WELDING PROCEDURE SPECIFICATION REGISTRATION NUMBER: WP 1970.2
3. EXTERNAL PREPARATION: SANDBLAST SSPC-SP6 (COMMERCIAL)
4. EXTERNAL PRIME: ONE COAT PRIMER
5. EXTERNAL PAINT: ONE COAT INDUSTRIAL ENAMEL
6. INTERNAL PREPARATION: SANDBLAST SSPC-SP10
7. INTERNAL COAT: 12-18 MILS DEVCO 253 EPOXY, 15-20 MILS OF DEVCO 111 ON BOTTOM 1/3
8. MFR'S TO BE PROVIDED FOR ALL PRESSURE RETAINING MATERIAL AND DIRECT ATTACHMENTS
9. ALL BOLT HOLES TO STRADDLE CENTERLINES
10. ALL REPAIRS AND WEAR PLATES TO HAVE 1/4" NPT WEEP HOLES
11. HYDROTEST IN HORIZONTAL POSITION
12. ALL PRESSURE RETAINING MATERIALS AND WELD METALS MEET REQUIREMENTS ACCORDING TO NACE STANDARD MR0175--98 FOR SOUR SERVICE
13. ALL WELDING SHALL BE AS PER CSA W47.1-92 USING GAS METAL ARC WELDING WITH ER480S-6 FILLER METAL OR SUBMERGED METAL ARC WELDING WITH E48018-1 FILLER METAL
14. ALL INTERNAL PROJECTIONS STATED ARE MINIMUMS
15. CRN: K2109.1
16. SERIAL NUMBER: 12024

BILL OF MATERIALS

ITEM	REQD	PART	DESCRIPTION	MATERIAL	WEIGHT
1	2	HEADS	3/8" THK (0.3130" MIN) x 96" ID 2:1 S.E.	SA-516-70N	2520#
2	1	SHELL	3/8" THK x 120" W ROLL TO 96" ID x 303 15/16" LG	SA-516-70N	3875#
3	2	SADDLE	100 BBL SADDLE (SEE DETAIL DWG 193A-2)	-	887#
4	1	SKID	100 BBL SKID (SEE DETAIL DWG 193A-2)	-	913#
5	1	HEATER	12" x 24" NATURAL GAS CATAPYNE HEATER	-	-
6	2	HEATER	1 1/2" x 1 1/2" x 1.100" WALL HSS x 15" LG	300W	5#
7	1	HEATER	GALV. HEATER VENT. MOUNT SAME SIDE AS HEATER	-	-
8	1	DECAL	10" x 18" BLT/ON WELDING DECAL	-	-
9	1	M1	20" x 150# RF50 FLG	SA-105-N	165#
10	1	M1	20" x 150# RF BLIND FLG	SA-105-N	285#
11	1	M1	20" x 150# RF FLEXITALLIC GASKET	304SS	-
12	1	M1	20" PIPE SCH STD x 10 1/2" LG	SA-106-B	69#
13	1	M1	20" STANDARD DAVIT (SEE 20DAVIT DWG)	-	25#
14	20	M1	1 1/4" DIA x 6 3/4" LG STUD	SA-193-B7M	-
15	40	M1	1 1/4" DIA NUT	SA-194-2HM	-
16	2	M1,N2	6" x 150# RFWN FLG SCH XH	SA-105-N	48#
17	2	M1,N2	6" PIPE SCH XH x 1'-1 3/8" LG	SA-106-B	64#
18	2	M1,N2	6" x 150# FLANGE PROTECTOR	POLY	-
19	2	M1,N2	3/8" THK DEFLECTOR PLATE	SA-36	20#
20	1	N3	4" x 150# RFWN FLG SCH XH	SA-105-N	15#
21	1	N3	4" PIPE SCH XH x 8'-3 7/8" LG (SEE DOWNCOMER DWG)	SA-106-B	125#
22	1	N3	4" x 150# RF FLEXITALLIC GASKET	304SS	-
23	1	N3	4" x 150# RF BLIND FLG TAPPED TO 1 1/2"	SA-105-N	17#
24	1	N3,N4	TITAN MODEL 1322 VSI GUAGE	-	-
25	2	N3,N4	5/8" DIA x 3 1/2" LG STUD	SA-193-B7M	-
26	2	N3,N4	5/8" DIA NUT	SA-194-2HM	-
27	2	N4	3" x 150# RF50 FLG	SA-105-N	16#
28	2	N4	3" x 150# RF THRD FLG	SA-105-N	9#
29	2	N4	3" x 150# RF THRD FLG	SA-105-N	9#
30	2	N4	3" x 150# RF FLEXITALLIC GASKET	304SS	-
31	1	N4	3" PIPE SCH XH x 1 11/16" LG	SA-106-B	3#
32	1	N4	3" PIPE SCH XH x 1'-4 1/2" LG	SA-106-B	14#
33	1	N4	3" x 6" LG NIPPLE SCH XH	SA-106-B	5#
34	1	N4	3" x 90" LR BW ELBOW SCH XH	SA-106-B	3#
35	1	N4	3" x 150# RF RP NACE NUTRON BALL VALVE	SA-234-WPB	3#
36	1	N4	3" MALE/FEMALE CAMLOCK c/w CAP	SA-105-N	2#
37	1	N4	3" U-BOLT	-	-
38	1	N4	3" x 1 1/4" FLATBAR x 1'-1 1/8" LG	SA-36	3#
39	1	N4	1 1/2" x 3/16" FLATBAR x 6" LG c/w SLOTS	SA-36	1#
40	1	N4	1" x 3000# TOL	SA-105-N	1#
41	1	N4	1" x CLOSE NIPPLE	SA-106-B	1#
42	1	N4	1" x 2000# 90° THRD ELBOW	SA-105-N	1#
43	1	N4	1" PIPE SCH XH x 9 3/4" LG TOE	SA-106-B	1#
44	1	N4	1" x 2000# THRD WKM BALL VALVE	SA-105-N	-
45	1	N4	12 GUAGE 36" x 24" CONTAINMENT TRAY (SEE DETAIL)	-	48#
46	1	N4	3" x 150# RFWN FLG	SA-105-N	10#
47	1	N4	1 1/2" x 45" x 10" LG SHI RIGID URETH, CORR & STOCO EMBROSS ALUM BOTH SIDE	-	-
48	1	N4	1" x 2" ALUMINIUM ANGLE x 32" LG	-	-
49	1	N4	ALUMINIUM DOOR FRAME x 10'-0" LG	-	-
50	1	N4	C-CHANNEL x 10'-0" LG	-	-
51	1	N4	BARREL BOLT	-	-
52	1	N4	HINESSES	-	-
53	1	N4	LATCH	-	-
54	1	N4	D-HANDLE	-	-

DESIGN SPECIFICATIONS

DESIGN & FABRICATE TO: ASME CODE SEC. VIII, DIV. 1	98 ED 99 AD
DESIGN PRESSURE & TEMPERATURE:	50 PSIG @ 200°F
MINIMUM DESIGN METAL TEMP.:	-20°C
IMPACT TESTS:	NONE AS PER UG-20(f)(1-5)
RADIOGRAPHY:	NONE AS PER UW-11(c)
POST WELD HEAT TREATMENT:	NONE
HYDROSTATIC TEST PRESSURE:	75 PSIG
PREHEAT:	50°F
CORROSION ALLOWANCE:	1/8"
MAWP:	50 PSI @ 200°F
HEAD THK. MIN.:	0.313"
WEIGHT FULL:	654.4c 3.19 m 3
WEIGHT EMPTY:	9.200 LBS
	WEIGHT FULL: 49.975 LBS

ANADARKO CANADA CORP.

8'-0" ID x 10'-0" S/S SINGLE WALL, ABOVE GROUND, KNOCK OUT TANK		
DATE: 11/29/00	SHEET: 1 OF 2	SIZE
SCALE: N.T.S.	JOB NO.: 193A	D
DRAWN BY: DSG		REV.
PURCHASE ORDER:	DRAWING NO.: 193A-1	7
LOCATION:		
PART NO.:		



Welding & Manufacturing Ltd. FAX 227-7796

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