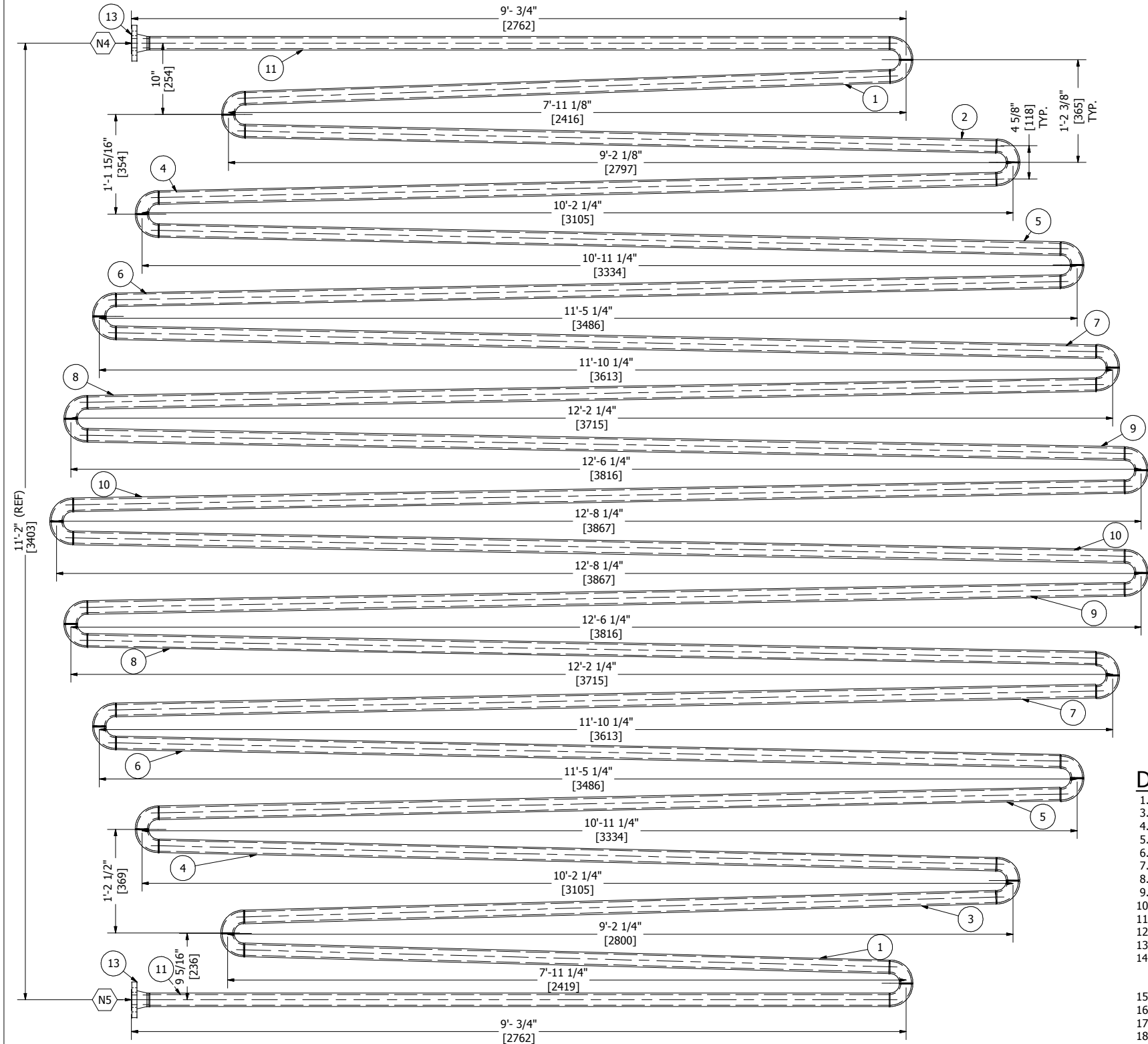
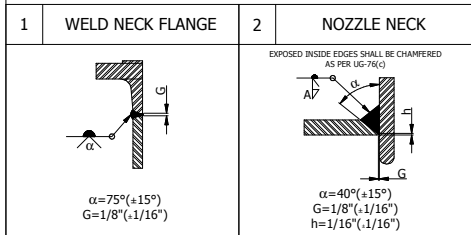


FILE PATH: C:\Workspace\Drafting\Projects\D3400-3499\D3468\D3468.dwg



TOP VIEW



REGISTERED WELDING PROCEDURE NUMBER				
WELD DETAIL	ROOT	HOT PASS	FILL AND CAP	GOUGE/BACKWELD
1 (SS)	BWM-33	BWM-33	BWM-33	N/A
2 (CS-SS)	-	-	BWM-32	N/A

REV	DATE	DESCRIPTION	BY	ENG	PM	APP
A	4/8/2016	ISSUED FOR REVIEW ONLY	AD	JAM	JDW	
B	6/6/2016	ISSUED FOR APPROVAL	AD	JAM	JDW	
0	7/4/2016	ISSUED FOR FABRICATION	AD	JAM	JDW	
1	8/12/2016	BREAK FLANGES REMOVED	AMC	JAM	JDW	
2	8/18/2016	CHANGED TO SEAMLESS PIPE	AMC	JAM	JDW	
3	9/8/2016	CHANGED WELD PROCEDURE DUE TO PWHT	AD	JAM	JDW	
4	02/10/2017	AS-BUILT	NHH	JAM	JDW	



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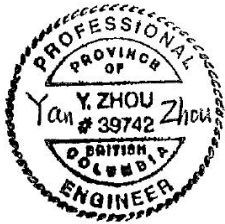
BOX 6106
5815 37 Street
INNISFAIL, AB
CANADA
403-227-7799
1-888-227-4923
FAX 227-7796

WESTCOAST ENERGY INC.

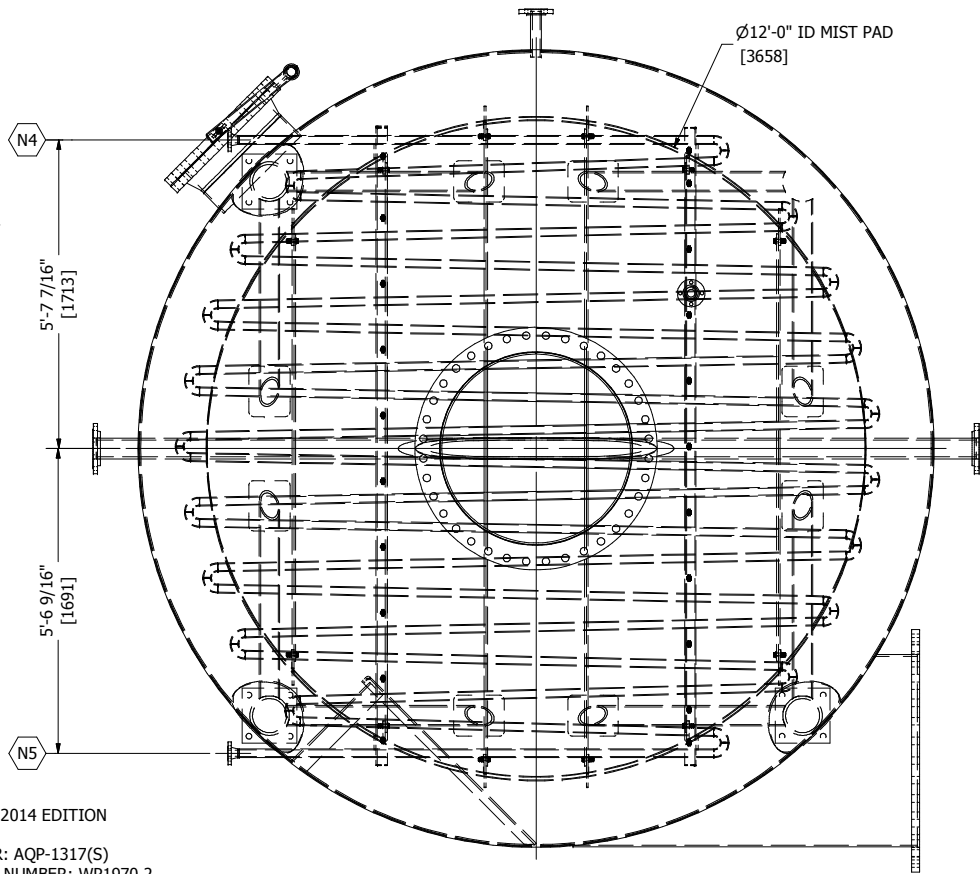
174" OD x 16'-6" [4420mm x 5029mm] SULPHUR TAIL GAS COALESCER- TAG#: PV 17.43A HEATING COIL DETAILS		
QUOTE NUMBER: 07961	SALE ORDER: 004470	
PURCHASE ORDER: 2850038875	JOB ORDER:	SIZE
LOCATION: CHETWYND, BC	D3468	D
DATE: 03/15/2016		
SHEET: 7 OF 8	DRAWING NO.:	REV.
CRN DWG: N/A	D3468-401	4
CRN NUMBER: N/A		

BILL OF MATERIALS

ITEM	QTY	REF.	PART No.	DESCRIPTION	LENGTH	MATERIAL	WEIGHT (lbs)
1	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	7'-6 1/2"	SA-312-TP316/L	56.09
2	1		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	8'-9 3/8"	SA-312-TP316/L	32.65
3	1		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	8'-9 1/2"	SA-312-TP316/L	32.69
4	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	9'-9 1/2"	SA-312-TP316/L	72.82
5	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	10'-6 1/2"	SA-312-TP316/L	78.40
6	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	11'- 1/2"	SA-312-TP316/L	82.12
7	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	11'-5 1/2"	SA-312-TP316/L	85.21
8	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	11'-9 1/2"	SA-312-TP316/L	87.69
9	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	12'-1 1/2"	SA-312-TP316/L	90.17
10	2		1-018244	1 1/2" PIPE SCH XH/80 SEAMLESS (BBE)	12'-3 1/2"	SA-312-TP316/L	91.41
11	2		1-020040	1 1/2" PIPE SCH 160 SEAMLESS (BBE)	8'-7 13/16"	SA-312-TP316/L	64.33
12	38		1-020041	1 1/2" x 90° LR BW ELBOW SCH XH/80		SA-403-WP316/L	41.62
13	2		1-020058	1 1/2" x CLASS 150 RFWN FLG SCH 160		SA-182-F316/L	9.29
							824.49



FEBRUARY 14, 2017



TOP VIEW WITH VESSEL
APPROX. LINEAR FEET 200'

DESIGN NOTES:

- DESIGNED AND BUILT TO ASME B31.3 2014 EDITION
- PIPING SERVICE: SWEET
- QUALITY CONTROL PROGRAM NUMBER: AQP-1317(S)
- WELDING PROCEDURE REGISTRATION NUMBER: WP1970.2
- IMPACT TESTS: EXEMPT AS PER FIG. 323.2.2A
- DESIGN PRESSURE: 160 psi [1103 kPa]
- DESIGN TEMPERATURE: 400°F / -20°F [204°C/-29°C]
- HYDROTEST PRESSURE: 425 psi [2930 kPa]
- TEST MEDIUM: WATER
- CORROSION ALLOWANCE: NIL
- NDE: 100% RT BW ON COIL ONLY, NFS (NORMAL FLUID SERVICE)
- PWHT: YES, SEE VESSEL NOTES SHEET D3468-201
- DELTA FERRITE TESTING: PRODUCTION WELDS ON EACH EXTERNAL OF WELDS AT 4 EQUIDISTANCE LOCATIONS OR AT 1m SEPARATION, WHICH EVER IS GREATEST FERRITE MEASUREMENT TO BE <5 NOR >12
- EXTERNAL SANDBLAST: NIL
- PRIMER: NIL
- TOPCOAT: NIL
- INTERNAL SANDBLAST: NIL
- INTERNAL COATING: NIL
- INSULATION: NIL
- ALL BOLT HOLES TO STRADDLE CENTERLINE
- FABRICATION TOLERANCES AS PER BW&ML DWG: TOL2002