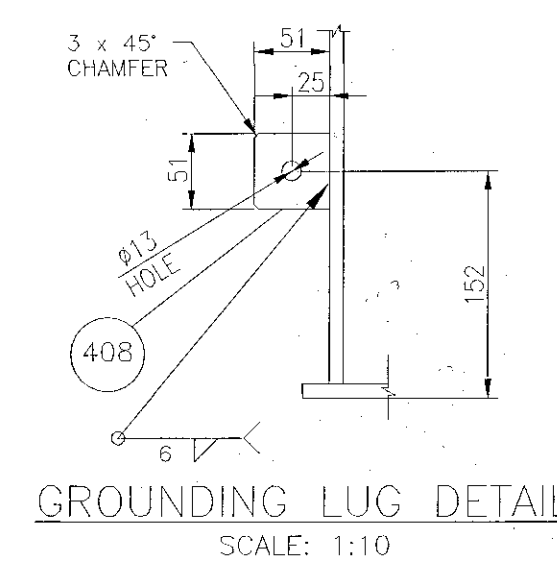
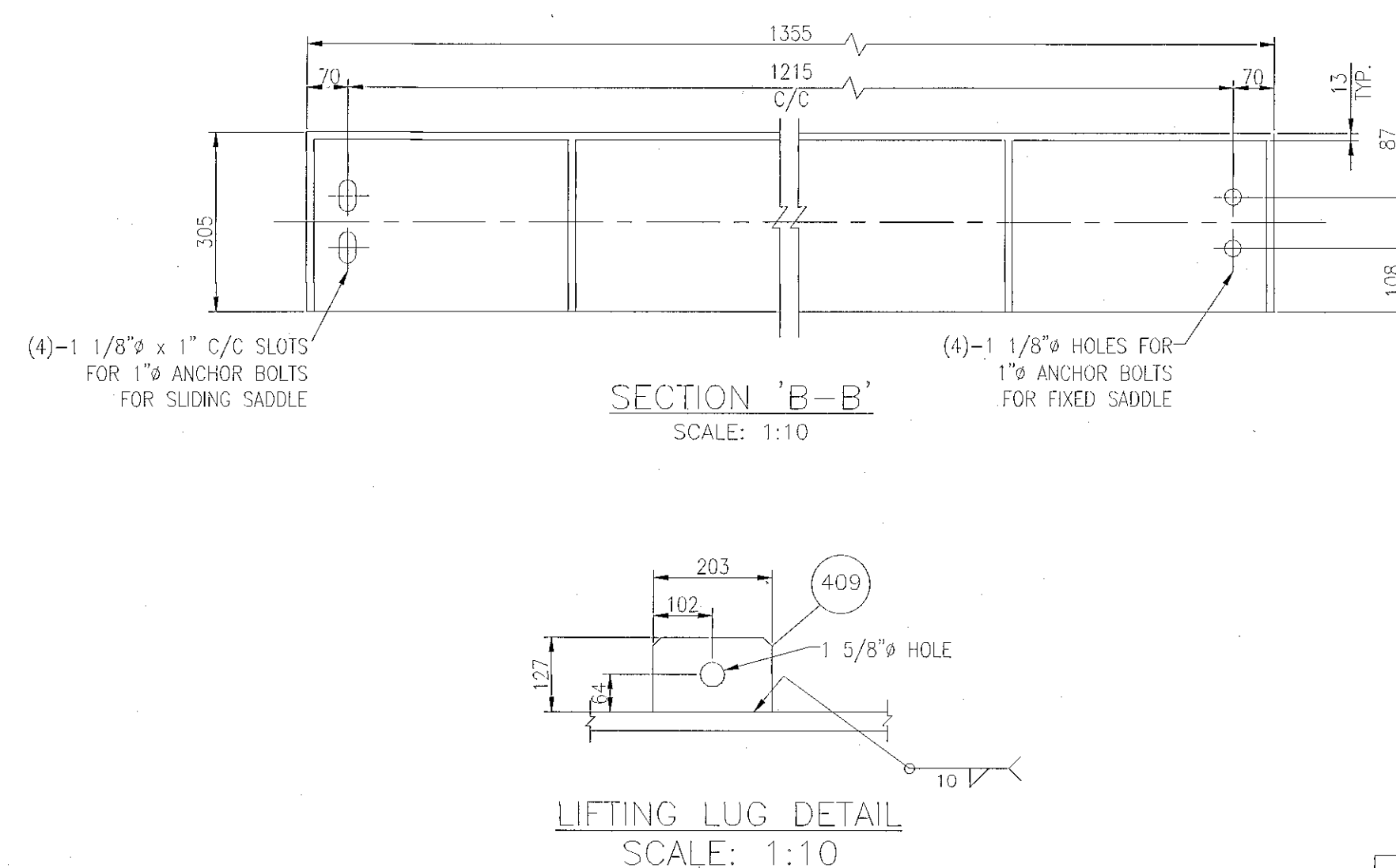
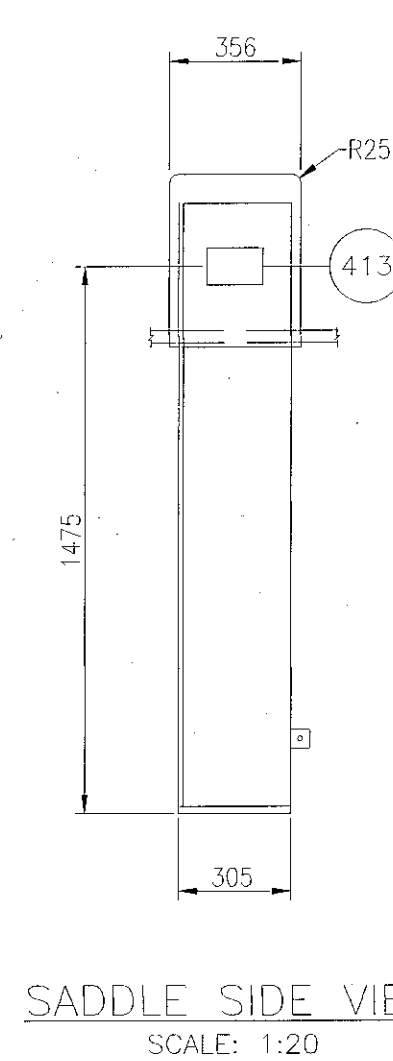
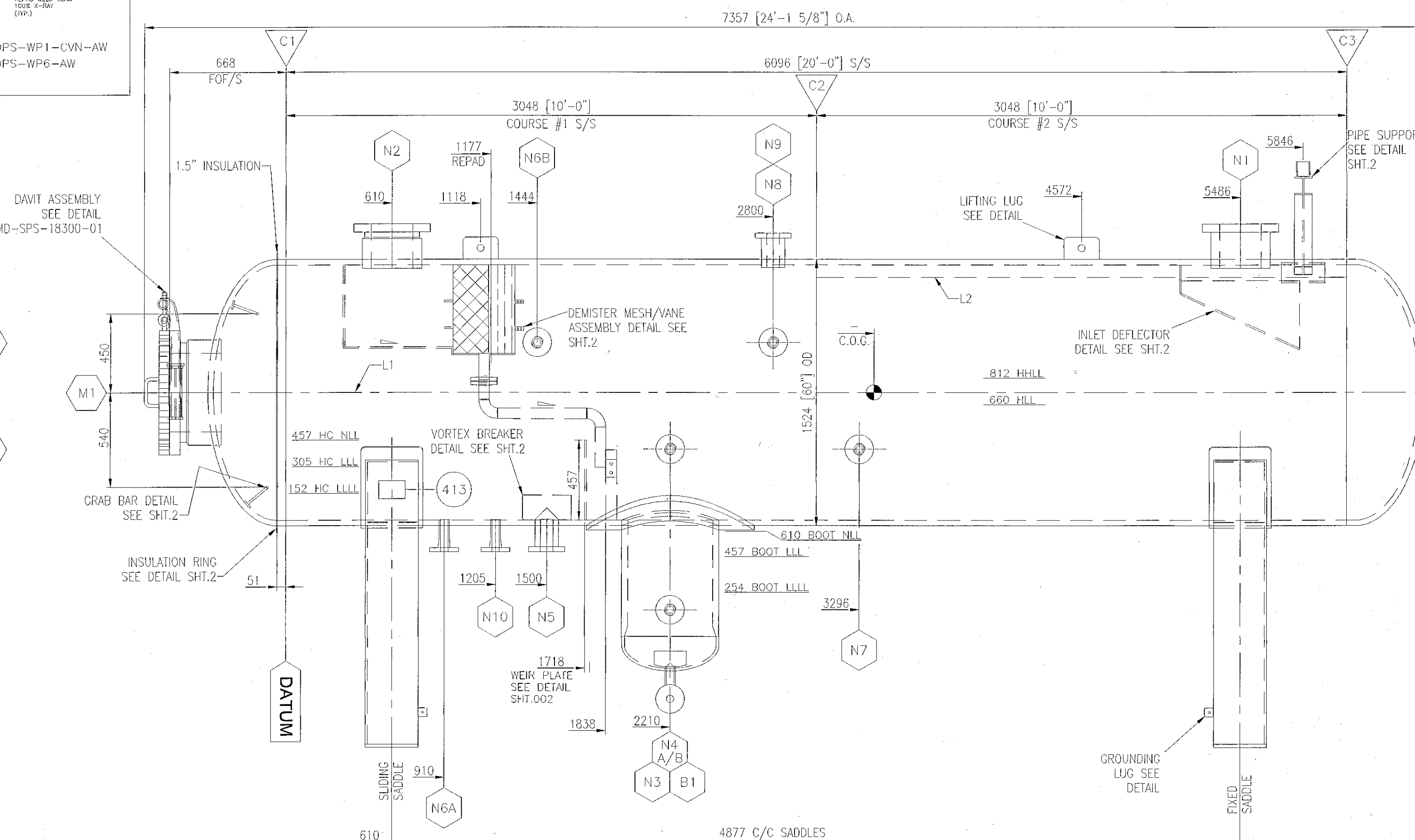
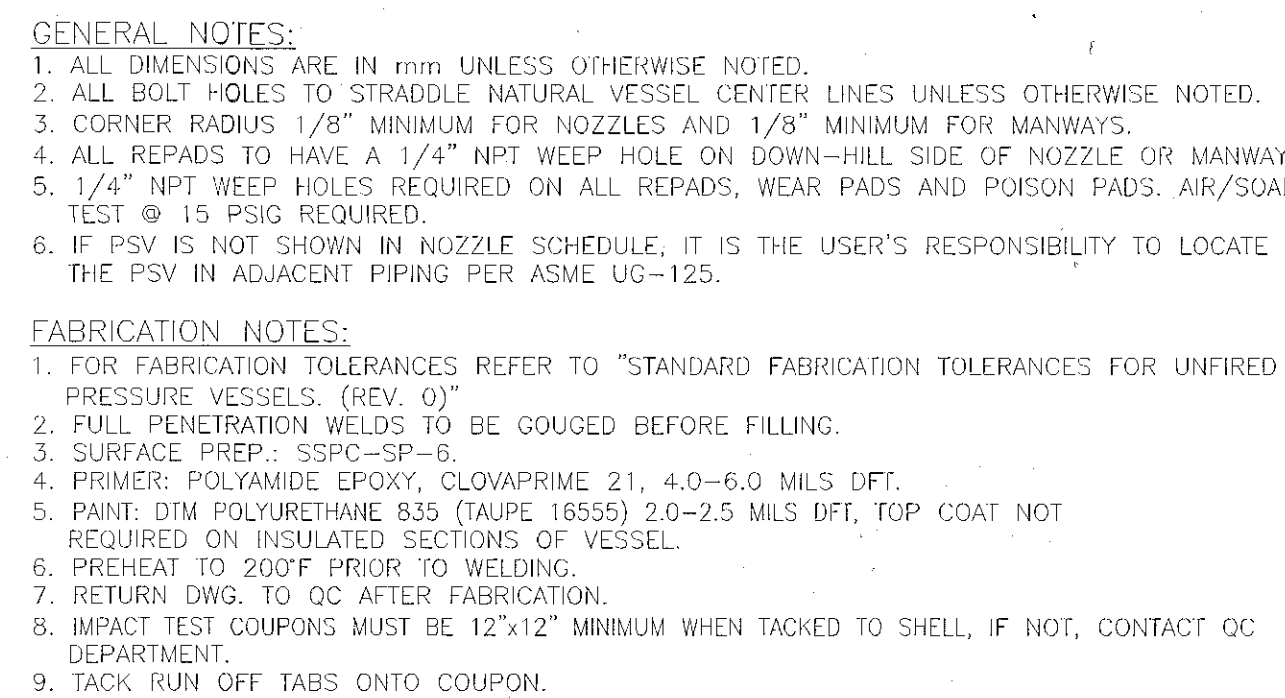




LAYOUT		NOZZLE SCHEDULE					FILLET WELD SIZE					REACTION		
Q.C.	SUPERVISOR	MARK	SIZE	RATING	NECK O.D.	TYPE	SERVICE	W.D.	W41	W42	W43	H (MIN.)	EXT. PROJ.	ITEM
		N1	10"	CL300	13.62"	RFHB	GAS INLET	5, 14	3/8"	-	BW	SF	8"	202
		N2	10"	CL300	13.62"	RFHB	GAS OUTLET	5, 14	3/8"	-	BW	SF	8"	202
		N3	2"	CL300	2.375"	RFWN	WATER OUT	5, 14 9A	3/8"	-	BW	CF	6"	204, 207, 208
		N4A	2"	CL300	2.375"	RFWN	WATER BRIDLE	5, 14 9A	3/8"	-	BW	SF	6"	204, 208
		N4B	2"	CL300	2.375"	RFWN	WATER BRIDLE	5, 14 9A	3/8"	-	BW	SF	AS	204, 208
		N5	3"	CL300	5.38"	RFHB	CONDENSATE OUT	5, 14	3/8"	-	BW	CF	6"	203
		N6A	2"	CL300	2.375"	RFWN	HC BRIDLE	5, 14 9A	3/8"	-	BW	SF	6"	204, 208
		N6B	2"	CL300	2.375"	RFWN	HC BRIDLE	5, 14 9A	3/8"	-	BW	SF	AS	204, 208
		N7	2"	CL300	2.375"	RFWN	TIT	5, 14 9A	3/8"	-	BW	SF	6"	204, 208, 210
		N8	2"	CL300	2.375"	RFWN	PIT	5, 14 9A	3/8"	-	BW	SF	6"	204, 208, 210
		N9	3"	CL300	5.38"	RFHB	PSV	5, 14	3/8"	-	BW	SF	6"	203
		N10	2"	CL300	2.375"	RFWN	RECYCLE	5, 14 9A	3/8"	-	BW	SF	6"	204, 208
		M1	18"	CL300	24.12"	TI	MANWAY	5, 14	1/2"	-	BW	SF	AS	201, 206, 410
		B1	22"	-	22"	CAN	WATER BOOT	5, 14 1A, 7A	3/8"	5/8"	BW	CF	AS	203, 104 208

BS = BACKWELD
SF = SQUARE-CUT FLUSH
CF = CONTOUR-CUT FLUSH
CONSTRUCTION
MDMT

WD = WELD DESIGN
AS = AS SHOWN
ARD = AS REC'D W/O CUTTING

Vessel to be designed and constructed in accordance with ASME Boiler and Pressure Vessel Code Section VIII Div. I Code Year: 2013
 Addenda: N/A

-20F. ALL MATERIALS EXEMPT PER UC-20(0) [E-5]

DESIGN DATA

MAWP	735 PSI	5067 KPA	SERIAL NO.	14-05111-31
DESIGN TEMPERATURE	100 °F	38° C	CTAN	
HYDROTEST PRESS.	1102 PSI	7598 KPA	TAC No.	V-151
CORR. ALLOWANCE	0.0625"	1.6 mm	YEAR BUILT	2014
VOLUME	396 Cu.Ft.	11.2 Cu.Mt	INSPECTION BY	ABSA
RADIOGRAPHY *	RT-2		APPROX. SHIPPING WT.	23,265 Lbs / 10,553 Kgs
QIN DRAWING No.	V-14-05111-31-001 RD		FINAL JOINT EFF.	100%
STRESS RELIEVE	NO.		MAEWP @ Day F	15 PSI @ 100 °F

HYDROTEST WEIGHT 48,404 Lb

Note: * See note 1

Note: For fabrication tolerances refer to "Standard Fabrication Tolerances for Unfired Pressure Vessels. (Rev. 0)"

DATE
 AUG. 27 2014
 Sept 11, 2014
 Sept 12, 2014
 Sept 12, 2014
 Sept 11, 14
 sep 11/14

SPECTRUM
 Process Systems

CLIENT **HUSKY OIL OPERATIONS LIMITED**
 c/o EXCELSIOR ENGINEERING LTD

PROJECT **NORTHERN ALBERTA OPERATING AREA**
 LSD: 02-20-095-18 WSM

TITLE **60" OD x 20'-0" S/S INLET SEPARATOR PACKAGE**

P.O. # 8400842858

Scale **AS NOTED**

JOB NO **SPS-14-05111**

AS NOTED

SPS-14-05111

DWG. No. **V-14-05111-31-001**

REV. 0

REV. 0

REV. 0