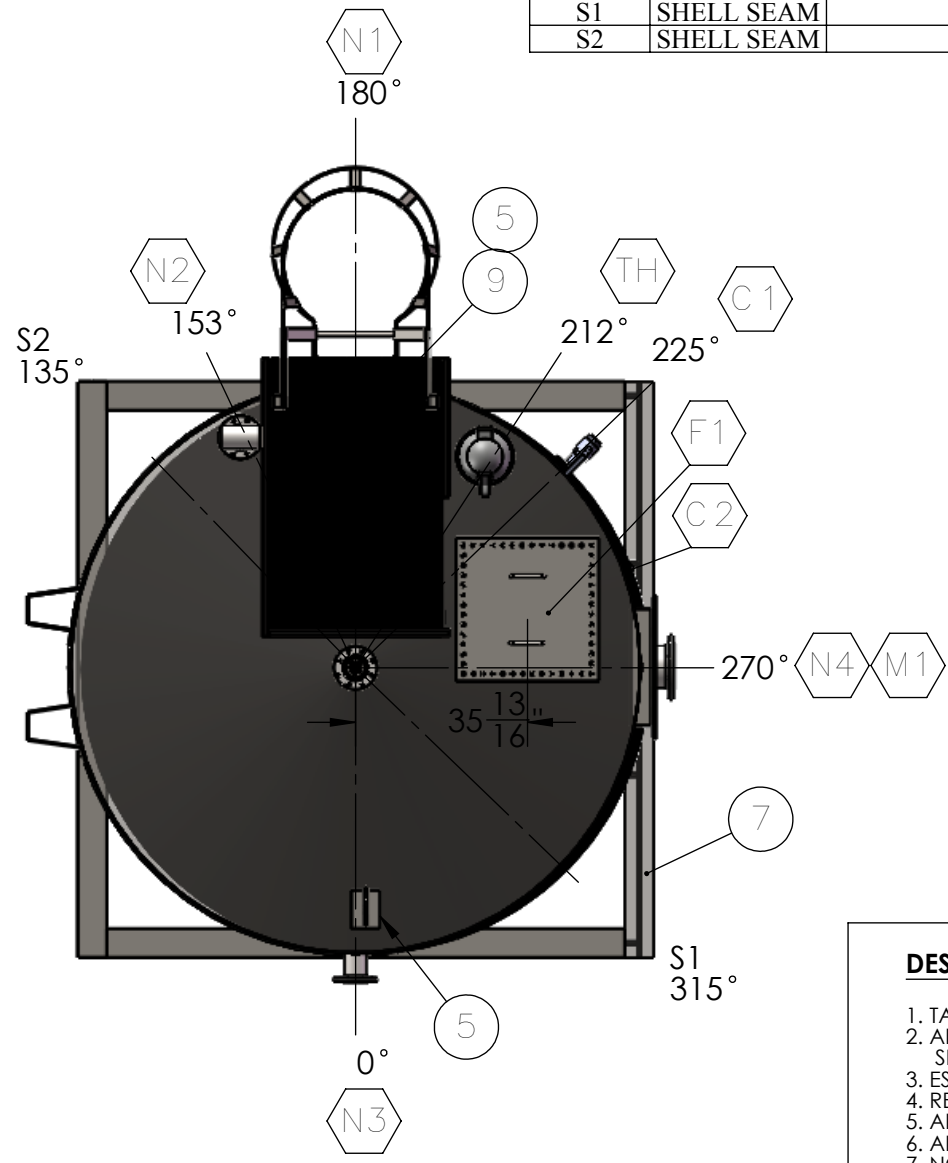


**ELEVATION VIEW**



**PLAN VIEW**

NOZZLE SCHEDULE		
MARK	PROJ.	ELEV.
N1	6"	TOP
N2	6"	TOP
N3	6"	3 1/4" TOS
N4	6"	20"
C1	N/A	4 1/4" TOS
C2	N/A	4 1/4" TOS
S1	SHELL SEAM	
S2	SHELL SEAM	

BILL OF MATERIALS					
MARK	QTY.	MAT'L	DESCRIPTION	SERVICE	
N1	2	SA-36	3/16" X 7'6" ROLLED 9'11"OD	SHELL	
N2	1	SA-36	1/4"PLATE CUT 10' OD	FLOOR	
N3	1	SA-36	3/16" PLATE CUT TO 9'11-1/2" OD	CONED ROOF	
N4	1	SA-36	NAME PLATE BRACKET	NAME PLATE	
	2	SA-36	LUG & REPAD	LIFT LUGS	
C1					
C2	1		NORSMAN 480V HEATER	HEATER	
S1	1	SA-36	10' X 10' W6 X 15# SKID	SKID	
	1	SA-36	21' OH&S LADDER-SEE DETAIL	LADDER	
	1	SA-36	OH&S ROOF MANWAY 3'W X 4' LONG-SEE DETAIL	ROOF MANWAY	
	1		1/4" X 2" FB RING ROLLED 10' OD	SAFETY RING	
M1	1	SA-36	GLM 2' X 3' RECT. SPLIT MANDOOR	MANDOOR	
F1	1	SA-36	2' X 2' FILL DOOR	MEDIA FILL DOOR	
TH	1		ENARDO 660 c/w 32 OZ INCONEL SPRING	PRESSURE RELIEF	
N1	1	SA-105N	4" 150# RF SO	INLET	
	1	SA-106B	4" S40 PIPE X 7"		
N2	4	SA-105N	4" 150# RF SO	PRIMARY OUTLET	
	1	SA-106B	4" S40 PIPE X 14"		
	1	WPB	4" S40 STRAIGHT TEE	ROOF VENT RISER	
	1	SA-106B	4" S40 PIPE X 6' LONG		
	1	SA-106B	4" S40 PIPE X 13'-11" LONG	INTERNAL VENT DOWNCOMER	
N3	1	SA-105N	4" 150# RF SO	SECONDARY OUTLET	
	1	SA-106B	4" S40 PIPE X 7"		
N4	1	SA-105N	8" 150# RF SO	SUCK OUT	
			8" S40 PIPE X 8"		
C1	1	SA-105N	2" FULL MERCHANT CPLG	DRAIN	
C2	1	SA-105N	1" MERCHANT CPLG	SAMPLE PORT	
	10	SA-36	INSULATION STAND OFFS	STAND OFFS	

**DESIGN NOTES: API 12F (MODIFIED)**

- TANK TO BE SOAP/ AIR TESTED TO 1.5 PSI
- ALL JOINTS TO BE BACK WELDED EXCEPT SHELL/ ROOF. SHELL SEAMS 180° APART. **NOZZLES MUST NOT GO THROUGH SEAMS**
- ESTIMATED SHIPPING WEIGHT 11,000 LBS.
- REFER TO ORIENTATION DRAWING FOR NOZZLES, COUPLINGS ETC.
- ALL DIMENSIONS ARE IN FEET AND INCHES
- ALL ELEVATIONS ARE TAKEN FROM TOP OF SKID
- NOMINAL DIA. 10'
- NOMINAL HEIGHT 15'
- NOMINAL CAPACITY 200 BBL
- SKID: 10' X 10' W6 X 15# WIDE FLANGE
- OH&S (ANSI)CSA LADDER, CAGE & PLATFORM
- BOTTOM OF SKID TO BE SET ON PILINGS 3' OF GROUND TO ACCOMMODATE HEATER.

**INTERNAL & EXTERNAL FINNISH**

- INTERNAL**  
SPC-5 WHITE METAL BLAST  
COAT DEVOE 253 12-15MM
- EXTERNAL**  
SPC-6 COMMERCIAL BLAST  
PRIME: DEVRAN 224  
PAINT: DEVTHANE 359  
NON INSULATED AREAS.  
INSULATION: TRANSPANEL SHELL  
**NOT ON ROOF**
- SKID, LADDER & PLATFORM**  
SPC-10 NEAR WHITE BLAST  
PRIME: ZINC RICH CATHACOAT 313  
PAINT: DEVRAN 229

**Access Manufacturing Ltd.**

SHOP: 10828-269 RD.  
BILLING: 7904 -101<sup>ST</sup> AVE,  
FORT ST. JOHN, BC. V1J2A3

COMMENTS:  
**PROPRIETARY AND CONFIDENTIAL**  
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UNLESS OTHERWISE SPECIFIED:	DEPARTMENT	CHK.	INITIAL	DATE
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± 1/16"	DRAFT			
MATERIAL SA-36	OCM. APPR.			
FINISH SPC-6/5 PRIME, PNT	QCM. APPR.			
WEIGHT(LBS) 10374	PRC. APPR.			
	INST. APPR.			
	WELD. APPR.			

DRAWING ISSUE STATUS			
ASBO	ISSUED FOR ASBUILT UNIT A/B/C	TL	10.10.11
CO	ISSUED FOR CONSTRUCTION	H	21.06.11
AO	ISSUED FOR APPROVAL	TL/ JA	26.05.11
GO			
NO.	DESCRIPTION	BY:	DATE:

**DO NOT SCALE FROM DRAWING**

TITLE: <b>CNRL</b> 200 BBL DRY MEDIA SWEETENING TANK TANK LAYOUT		PROJECT NO. <b>P11045</b>
DRAWN BY: TL	SCALE: 1:100	
CHECKED BY: TL	DWG NO.: 2WSWT.P11045.01.R0	
APPROVED BY: TL	SERIAL NO.: 2WSWT.P11045.01/03	
SHEET 2 OF 8	REV NO.: 0	