



BILL OF MATERIAL				
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION	HEAT No.
1	1	A1-19037-100-01 Trunk shell	106 1/32" x 66 1/2" x 1 1/2" PLATE, A516 Gr.70N, ROLLED TO 35 1/4" OD	
2	1	A1-19037-100-02 Branch shell	106 1/32" x 48 15/16" x 1 1/2" PLATE, A516 Gr.70N, ROLLED TO 35 1/4" OD	
3	3	A1-19037-100-03 32in pipe	32" x 3/4" WALL x 10 17/32" PIPE, API 5L X52 PSL-2	
4	3	A1-19037-100-04 28in CL300 RF flange - custom	28" CLASS 300 B16.47 Ser.A FFSO FLANGE, A105N, Ø28 7/8" BORE	
5	1	A1-19037-100-05 HCWI lateral	26 1/2" ID x 2 1/4" WALL x 45° HCWI LATERAL, 19 1/2" x 51" x 51", ASTM A532 CLASS III TYPE A, LEVEL 2, PF# 503364	
6	3	A1-19037-100-06 HCWI liner - pup	26 1/2" ID x 1 1/4" WALL x 12 1/2" HCWI LINER, ASTM A532 CLASS III TYPE A, LEVEL 2, PF# 503363	
7	12	A1-19037-100-07 Trap rod	Ø3/8" x 4 7/16" ROUND BAR, A36	
8	1	A1-19037-100-08 2in x 36in threadolet	2" x 36" CLASS 3000 THREADOLET, A105N	
9	12	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" FLAT POINT SOCKET HEAD SET SCREW, PLATED	
10	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N	
11	9	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N	
12	12	ASME B16.11 Hex Head Plug 1/2	1/2"-NPT HEX HEAD PLUG, A105N	
13	2	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W	

REVISION HISTORY			
REV	DATE	DESCRIPTION	INITIALS
0	1/16/20	ISSUED FOR CONSTRUCTION	JDS

WELD MAP				
WELD No.	WELDER ID	NDT REPORT	WPS No.	VT OK
W1				
W2				
W3				
W4				
W5				
W6				
W7				
W8				
W9				
W10				
W11				
W12				

WELDING CONSUMABLES		
WIRE TYPE	SIZE	LOT No.

EST. WT. 13,020 lbs.
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GR45° RADIUS 0.01" R. 0.010. INTERPRET DWG PER ANSI Y14.5 STANDARD.

TOLERANCES:
X = ± .118
X.X = ± .050
X.XX = ± .015
X.XXX = ± .005
ANGLES:
125° = ± .12°
✓ FINISH ON ALL MACHINED SURFACES

DO NOT SCALE

DRAWN BY: JDS
CHECKED BY: KLS
APPROVED: BEM

DATE: 1/16/20
DATE: 1/24/20
DATE: 1/24/20

MATERIAL & HEAT TREAT

ALCO

ALCO Industrial
2103 - 8 Street,
Nisku, Alberta, Canada T9E 7Y9
Phone: (780) 451-6222 • Fax: (780) 452-4355

TITLE
28" x 28" x 45° HCWI LATERAL - MAPS
CNUL ALBIAN

PROJECT No.
A1-19037

REFERENCE
3-2-0218 Sht.4 OF 7

REV.
0

FILE NAME
A1-19037-100-00 28in lateral - Maps.idw

SHEET
1 OF 1