



ITEM		ITEM QTY	PART NUMBER	BILL OF MATERIAL		DESCRIPTION
1	1	1	A1-19037-200-01 Trunk shell	112 5/16" x 68 15/32" x 1 1/2" PLATE, A516 Gr.70N, ROLLED TO 37 1/4" OD		
2	1	1	A1-19037-200-02 Branch shell	112 5/16" x 50 29/32" x 1 1/2" PLATE, A516 Gr.70N, ROLLED TO 37 1/4" OD		
3	3	3	A1-19037-200-03 34in pipe	34" x 3/4" WALL x 11 3/32" PIPE, API 5L X52 PSL-2		
4	3	3	A1-19037-200-04 30in CL.300 RF flange - custom	30" CLASS 300 B16.47 Ser.A RF&SO FLANGE, A105N, Ø31 1/4" BORE		
5	1	1	A1-19037-200-05 HCWI lateral	28 1/2" ID x 2 1/4" WALL x 45° HCWI LATERAL, 19 1/2" x 52 31/32" x 52 31/32", ASTM A532 CLASS III TYPE A, LEVEL 2, PF# 503369		
6	3	3	A1-19037-200-06 HCWI liner - pup	28 1/2" ID x 1 1/4" WALL x 12 1/2" HCWI LINER, ASTM A532 CLASS III TYPE A, LEVEL 2, PF# 503368		
7	12	12	A1-19037-200-07 Trap rod	Ø3/8" x 4 9/16" ROUND BAR, A36		
8	1	1	A1-19037-200-08 2in x 38in threadolet	2" x 36" CLASS 3000 THREADOLET, A105N		
9	12	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	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N		
11	10	10	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N		
12	12	12	ASME B16.11 Hex Head Plug 1/2	1/2"-NPT HEX HEAD PLUG, A105N		
13	2	2	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W		

REV	DATE	DESCRIPTION	INITIALS
1	2/10/20	34in PIPE LENGTH WAS 10 3/32in, MATERIAL ADDED FOR MACHINING	KLS
0	1/16/20	ISSUED FOR CONSTRUCTION, ADD PF NUMBERS TO PART DESCRIPTIONS, ITEM 1 WAS 69 15/32" LG DESCRIPTION	JDS
D	1/10/20	UPDATED WELD SYMBOL, UPDATED NOTE, ADDED SIF TABLE	GVD
C	12/18/19	CHANGED HYDRO TO 4 HOURS	BEM
B	11/25/19	34" PIPE WAS PSL-1, ADDED "LEVEL 2" TO HCWI DESCRIPTIONS, UPDATED DESIGN DATA, ADDED TAG MOUNTS	GVD
A	11/14/19	ISSUED FOR REVIEW	GVD

EST. WT. 14,270 lbs.	DO NOT SCALE
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR 0.04" RADIUS. 0.01" R. 0.01" INTERPRET DWG PER ANSI Y14.5 STANDARD.	DRAWN BY: GVD DATE: 11/14/19
TOLERANCES: X .XX = ± .118 X.XX = ± .050 X.XXX = ± .015 X.XXXX = ± .005	CHECKED BY: KLS DATE: 1/16/20
ANGLES: ± .12	APPROVED: BEM DATE: 1/16/20
125/ FINISH ON ALL MACHINED SURFACES	MATERIAL & HEAT TREAT

DESIGN CODE: ASME B31.4, 2016	LINE CLASS: USX
SERVICE: COARSE TAILING SANDS	DESIGN PRESSURE: 4447 kPag (645 psig)
DESIGN TEMPERATURE: 93°C (199°F)	TEST PRESSURE: 4892 kPag (710 psig)
TEST TEMPERATURE: 15°C (59°F)	TEST DURATION: 4 HOURS

PROJECT No. A1-19037	REFERENCE 3-2-0218 Sht 5 OF 7	REV. 1
FILE NAME A1-19037-200-00 30in lateral.idw		SHEET 1 OF 1

ALCO	ALCO Industrial	2103 - 8 Street, Nisku, Alberta, Canada T9E 7Y9, Phone: (780) 451-6222 • Fax: (780) 452-4355
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30" x 30" x 45" HCWI LATERAL	CNUL ALBIAN
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