



ITEM		ITEM QTY	PART NUMBER	BILL OF MATERIAL	
				DESCRIPTION	
1	1	A1-19037-200-01	Trunk shell	112 5/16" x 69 15/32" x 1 1/2" PLATE, A516 Gr.70N, ROLLED TO 37 1/4" OD	
2	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	A1-19037-200-03	34in pipe	34" x 3/4" WALL x 10 3/32" PIPE, API 5L X52 PSL-2	
4	3	A1-19037-200-04	30in CL300 RF flange - custom	30" CLASS 300 B16.47 Ser.A FFSO FLANGE, A105N, Ø31 1/4" BORE	
5	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#(TBD)	
6	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#(TBD)	
7	12	A1-19037-200-07	Trap rod	Ø3/8" x 4 9/16" ROUND BAR, A36	
8	1	A1-19037-200-08	2in x 38in 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	10	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
C	12/18/19	CHANGED HYDRO TO 4 HOURS
B	11/25/19	34" PIPE WAS PSL-1, ADDED "LEVEL 2" TO HCWI DESCRIPTIONS, UPDATED DESIGN DATA, ADDED TAG MOUNTS
A	11/14/19	ISSUED FOR REVIEW

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

ALCO

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

REV: C  
SHEET 1 OF 1

EST. WT. 14,270 lbs.  
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GRAY. RADI 0.01" I.R. 0.010. INTERPRET DWG PER ANSI Y14.5 STANDARD.  
TOLERANCES:  
X.XX = ± 0.00  
X.XXX = ± 0.015  
X.XXXX = ± 0.005  
ANGLES = ± 12°  
125° FINISH ON ALL MACHINED SURFACES

DO NOT SCALE  
DRAWN BY: GVD  
DATE: 11/25/19  
CHECKED BY: DATE  
APPROVED: DATE  
MATERIAL & HEAT TREAT

REFER TO DRAWING A1-00001-100-01 FOR ALL GENERAL NOTES AND SPECIFICATIONS