

DESIGN CODE:	ASME B31.3, 2018
SERVICE:	HYDROTRANSPORT SLURRY
DESIGN PRESSURE:	3447 kPag (500 psig)
DESIGN TEMPERATURE:	94°C (201°F)
TEST PRESSURE:	7665 kPag (1112 psig)
TEST TEMPERATURE:	15°C (59°F)
TEST DURATION:	10 MINUTES





BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-19027-400-01 34in pipe	34" STD x 108 25/32" PIPE, API 5L X56
2	2	A1-19027-400-02 14in pipe	14" XS x 22 1/2" PIPE, API 5L X56
3	2	A1-19027-400-03 Repad	14" ID x 6" WIDE x 90" REPAD CUT FROM 34" STD PIPE (26" x 100"), API 5L X56
4	1	A1-19027-400-04 34in Type B Victaulic ring	34" TYPE B VICTAULIC RING FOR 200 SERIES COUPLING, A350 LF2, CUSTOM TYPE B
5	1	A1-19027-400-05 30in CL300 RF flange	30" CLASS 300 ASME B16.47 Ser.A RFSO FLANGE, A350 LF2, Ø29" BORE
6	2	A1-19027-400-06 Alco flange - 12in CL300	12" CLASS 300 RF ALCO FLANGE, A350 LF2, Ø12 5/8" BORE, MATES TO B16.5 CLASS 300
7	1	A1-19027-400-07 HCWI liner - trunk	28 1/2" ID x 1 1/4" WALL x 90" HCWI LINER w/ DRAINS, ASTM A532 CLASS III TYPE A, PF#(TBD)
8	1	A1-19027-400-08 HCWI liner - pup	28 1/2" ID x 1 1/4" WALL x 13 11/32" HCWI LINER PUP, ASTM A532 CLASS III TYPE A, PF#(TBD)
9	2	A1-19027-400-09 HCWI liner - drain	11 1/8" ID x 13/16" WALL x 10 11/32" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#(TBD)
10	1	A1-19027-400-10 2in x 34in threadolet	2" x 34" CLASS 3000 THREADOLET, A105N
11	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX BULL PLUG, SA234 WPB-S9
12	3	ASME B16.11 Hex Head Plug 1/2	1/2"-NPT HEX BULL PLUG, SA234 WPB-S9
13	2	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W
14	-	GROUT	SIKA 300PT

REVISION HISTORY			
REV	DATE	DESCRIPTION	INITIALS
B	1/21/20	OAL WAS 3123mm (122 15/16"), PORT LOCATION WAS 1636mm (64 13/32"), PLUG LOCATION WAS 19 15/16"/17 15/16", HYDROTEST PRESSURE WAS 5171 kPaG (750 psig), UPDATED BoM	GVD
A	1/06/20	ISSUED FOR REVIEW	GVD

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

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	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES BREAK ALL SHARP EDGES 1/4" R3/8" OR 1/2" R1/2" RADIUS 5/16 T.H. .010 INTERP. DWG PER ANSI Y14.5 STANDARD	DRAWN BY: GVD	DATE 1/06/20
	TOLERANCES .X = ± .116 .XX = ± .030 .XXX = ± .015 .XXX = ± .005 ANGLES = ± .1°	CHECKED BY:	DATE
		APPROVED:	DATE
	125° FINISH ON ALL MACHINED SURFACES	MATERIAL & HEAT TREAT	

			ALCO Industrial 2103 - 8 Street, Niisku, Alberta, Canada T9E 7Y9 Phone: (780) 451-6222 - Fax: (780) 452-4355	
TITLE SPOOL SP-237-2-P-126-1-C SYNCRUDE AURORA HT2 MAIN LINE				
PROJECT No. A1-19027		REFERENCE SP-237-2-P-126-1-C Rev.A		REV. B
FILE NAME A1-19027-400-0-SP-237-2-P-126-1-C.idw				SHEET 1 OF 1