



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	A1-19027-100-01 36in elbow	36" XS x 160" RADIUS x 90° PIPE BEND, X65M
2	2	A1-19027-100-02 36in pipe	36" XS x 14 17/32" PIPE, X65M
3	2	A1-19027-100-03 34in Type B victaulic ring	34" INVERTED TYPE B VICTAULIC RING FOR 200 SERIES COUPLING, A350 LF2, CUSTOM TYPE B
4	1	A1-19027-100-04 HCWI elbow - male	28 1/2" ID x 2" WALL x 45° HCWI ELBOW - MALE w/ 23/32" TANGENT, ASTM A532 CLASS III TYPE A, PF# 470284
5	1	A1-19027-100-05 HCWI elbow - female	28 1/2" ID x 2" WALL x 46° HCWI ELBOW - FEMALE w/ 23/32" TANGENT, ASTM A532 CLASS III TYPE A, PF# 470283
6	2	A1-19027-100-06 HCWI liner - pup	28 1/2" ID x 2" WALL x 22 1/2" HCWI LINER PUP, ASTM A532 CLASS III TYPE A, PF# 470282
7	1	A1-19027-100-07 2in x 36in threadolet	2" x 36" CLASS 3000 THREADOLET, A105N
8	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX BULL PLUG, SA234 WPB-S9
9	14	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX BULL PLUG, SA234 WPB-S9
10	2	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W
11	-	GROUT	SIKA 300PT

REVISION HISTORY				ALL GENERAL NOTES AND SPECIFICATIONS				DO NOT SCALE		ALCO Industrial	
REV	DATE	DESCRIPTION	INITIALS	EST. WT. 24,305 lbs.				DRAWN BY:	DATE	TITLE	PROJECT
C	2/10/20	MATERIAL FOR ELBOW AND PIPE WERE API 5L X56, REMOVE VIEW F-F, PIPE DIMENSIONS MOVED TO PIPE LAYOUT DWG, PF NUMBERS ADDED	KLS	UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GR-4. RADIUS 0.1" L.R. 0.10. INTERPRET DWG PER ANSI Y14.5 STANDARD.				GVD	1/07/20	SPOOL SP-237-2-P-126-1-B SYNCRUDE AURORA HT2 MAIN LINE	2103 - 8 Street, Nisku, Alberta, Canada T9E 7Y9 Phone: (780) 451-4222 • Fax: (780) 452-4355
B	1/21/20	BEND RADIUS WAS 3658mm (144"), MODIFIED TANGENT LENGTHS TO SUIT, TAG MOUNT WAS 18"/16", HYDROTEST PRESSURE WAS 5171 kPag (750 psig), UPDATED BoM	GVD	TOLERANCES: X = ± .118 XX = ± .050 XXX = ± .015 XXXX = ± .005 ANGLES: ± 1/2°				CHECKED BY:	DATE:		
A	1/07/20	ISSUED FOR REVIEW	GVD	125/ FINISH ON ALL MACHINED SURFACES				APPROVED:	DATE:		
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								FILE NAME A1-19027-100-00 SP-237-2-P-126-1-B.idw		SHEET 1 OF 1	

