



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, API 5L Grade X65M
2	2	A1-19027-100-02 36in pipe	36" XS x 14 17/32" PIPE, API 5L Grade 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 45° 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			
REV	DATE	DESCRIPTION	INITIALS
0	2/12/20	ISSUED FOR CONSTRUCTION	BEM
C	2/10/20	MATERIAL FOR ELBOW AND PIPE WERE API 5L X65M, REMOVE VIEW F-F, PIPE DIMENSIONS MOVED TO PIPE LAYOUT DWG, PF NUMBERS ADDED, ADD "TYP" TO DETAIL D	KLS
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
A	1/07/20	ISSUED FOR REVIEW	GVD

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

EST. WT. 24,305 lbs.
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GR-4. RADIUS 0.01" R. 0.10. INTERPRET DWG PER ANSI Y14.5 STANDARD.
TOLERANCES:
X.XX = ± .118
X.XX = ± .050
X.XXX = ± .015
X.XXXX = ± .005
ANGLES = ± .12°
125/ FINISH ON ALL MACHINED SURFACES

DO NOT SCALE
DRAWN BY: GVD DATE: 1/07/20
CHECKED BY: KLS DATE: 2/12/20
APPROVED: BEM DATE: 2/12/20
MATERIAL & HEAT TREAT

ALCO

ALCO Industrial
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Nisku, Alberta, Canada T9E 7Y9
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TITLE
SPOOL SP-237-2-P-126-1-B
SYNCRUDE AURORA HT2 MAIN LINE

PROJECT No: A1-19027
REFERENCE: SP-237-2-P-126-1-B Rev.A
FILE NAME: A1-19027-100-00 SP-237-2-P-126-1-B.idw

REV. 0
SHEET 1 OF 1