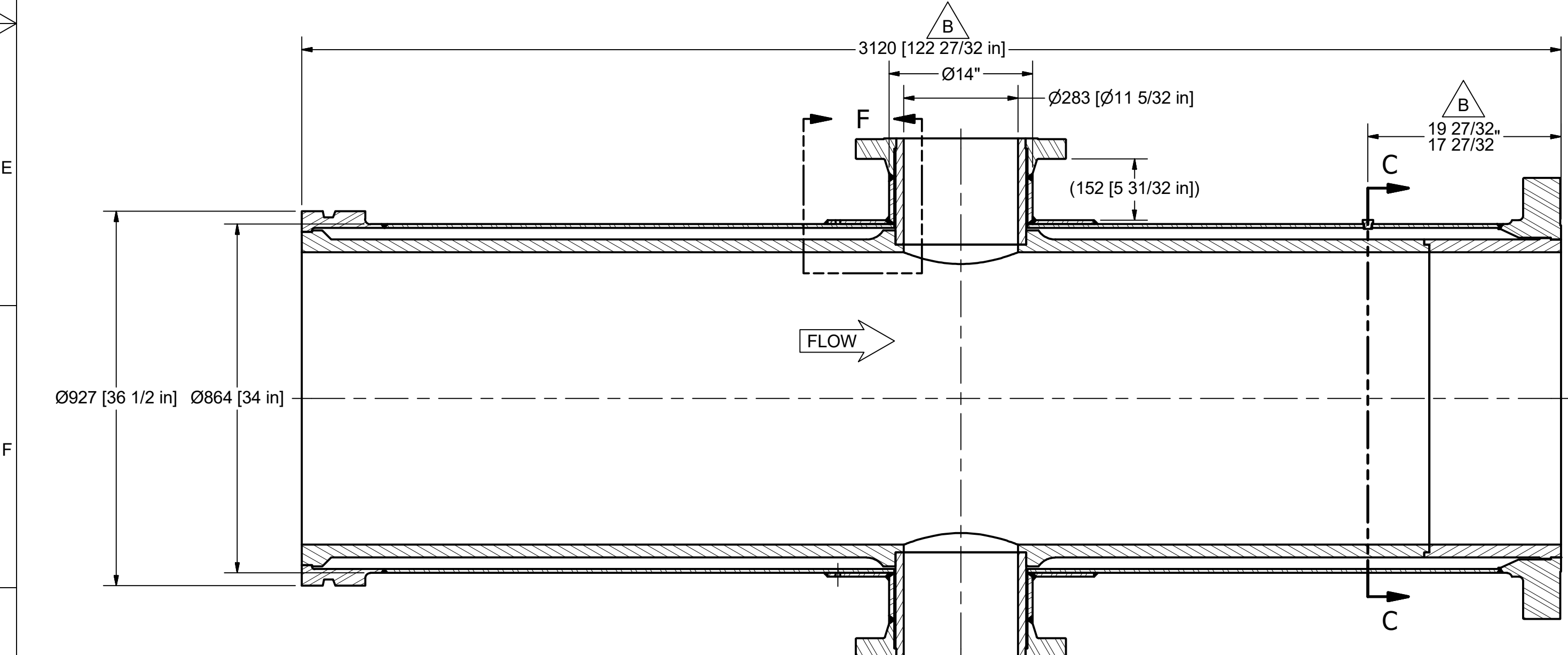
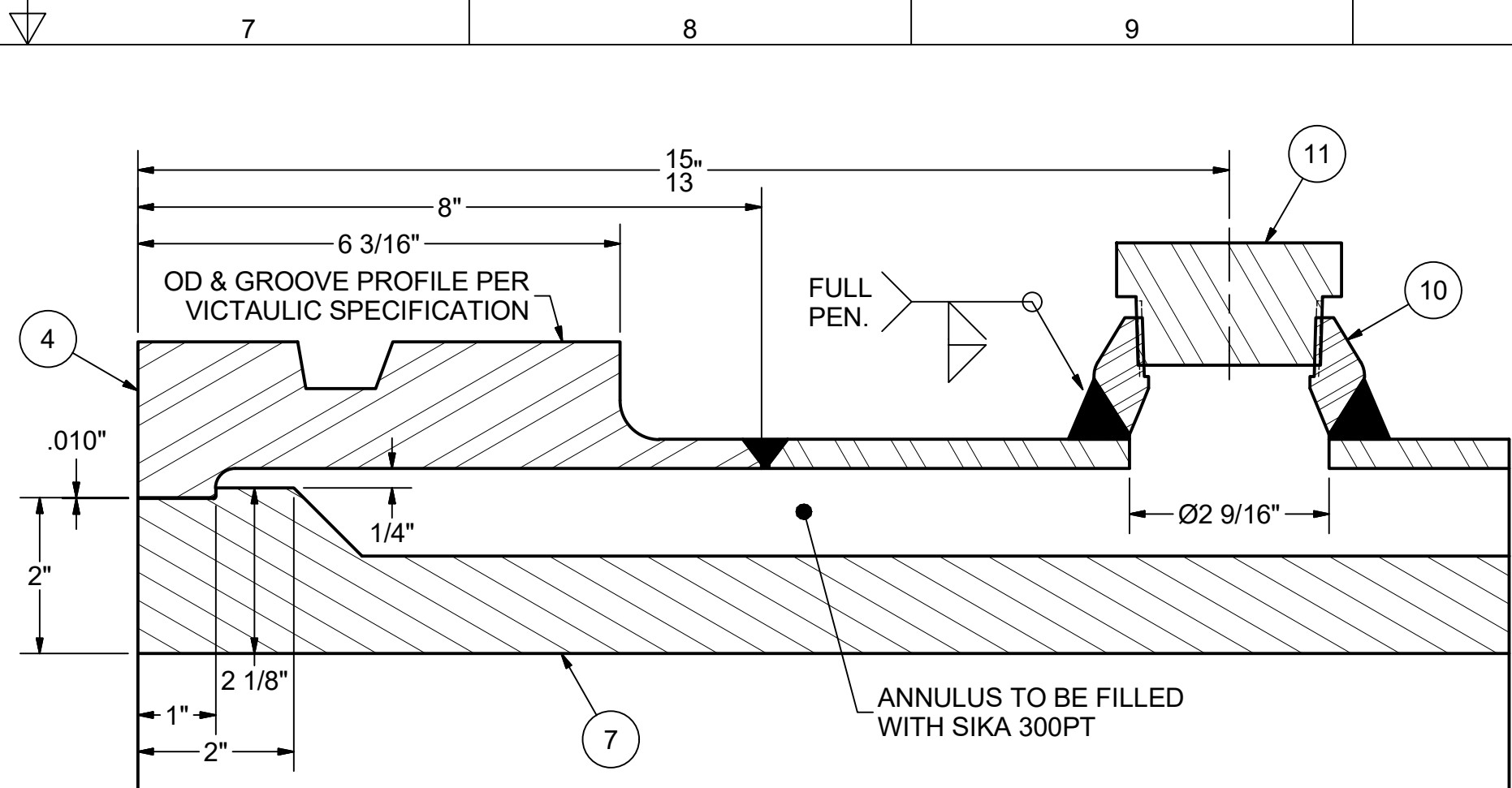


SECTION B-B

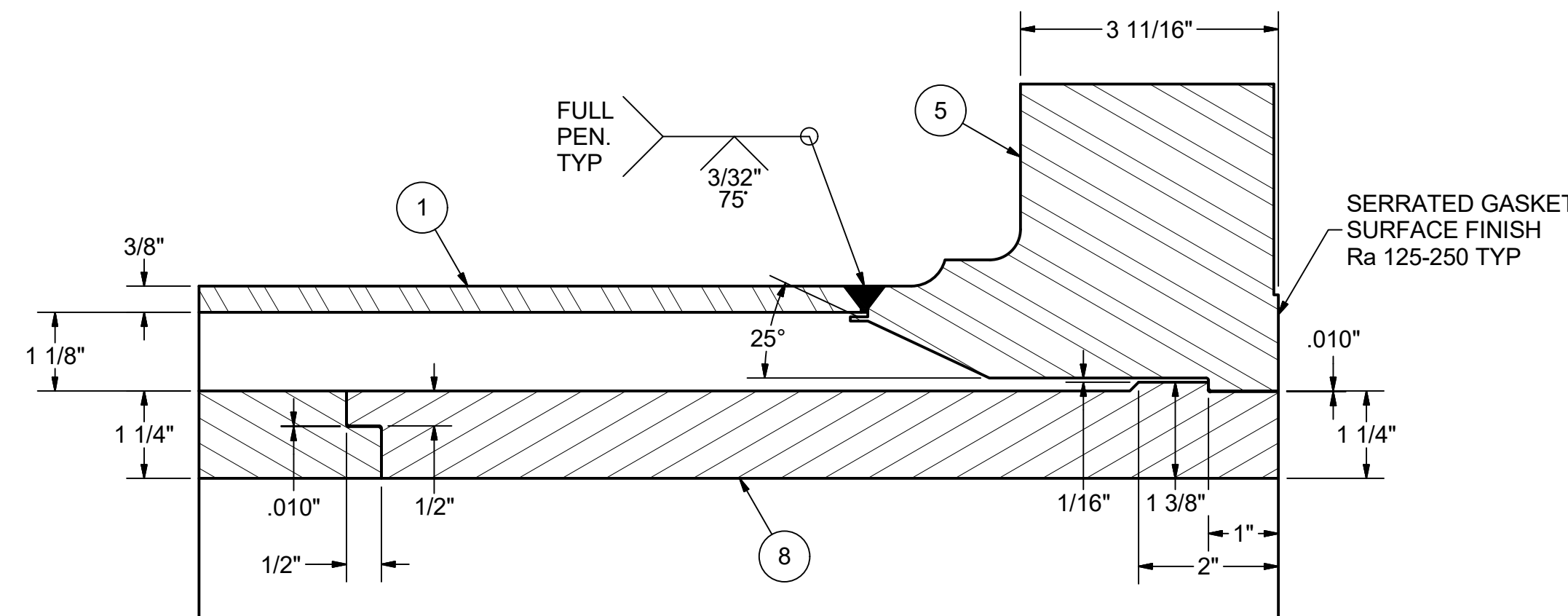


SECTION A-A

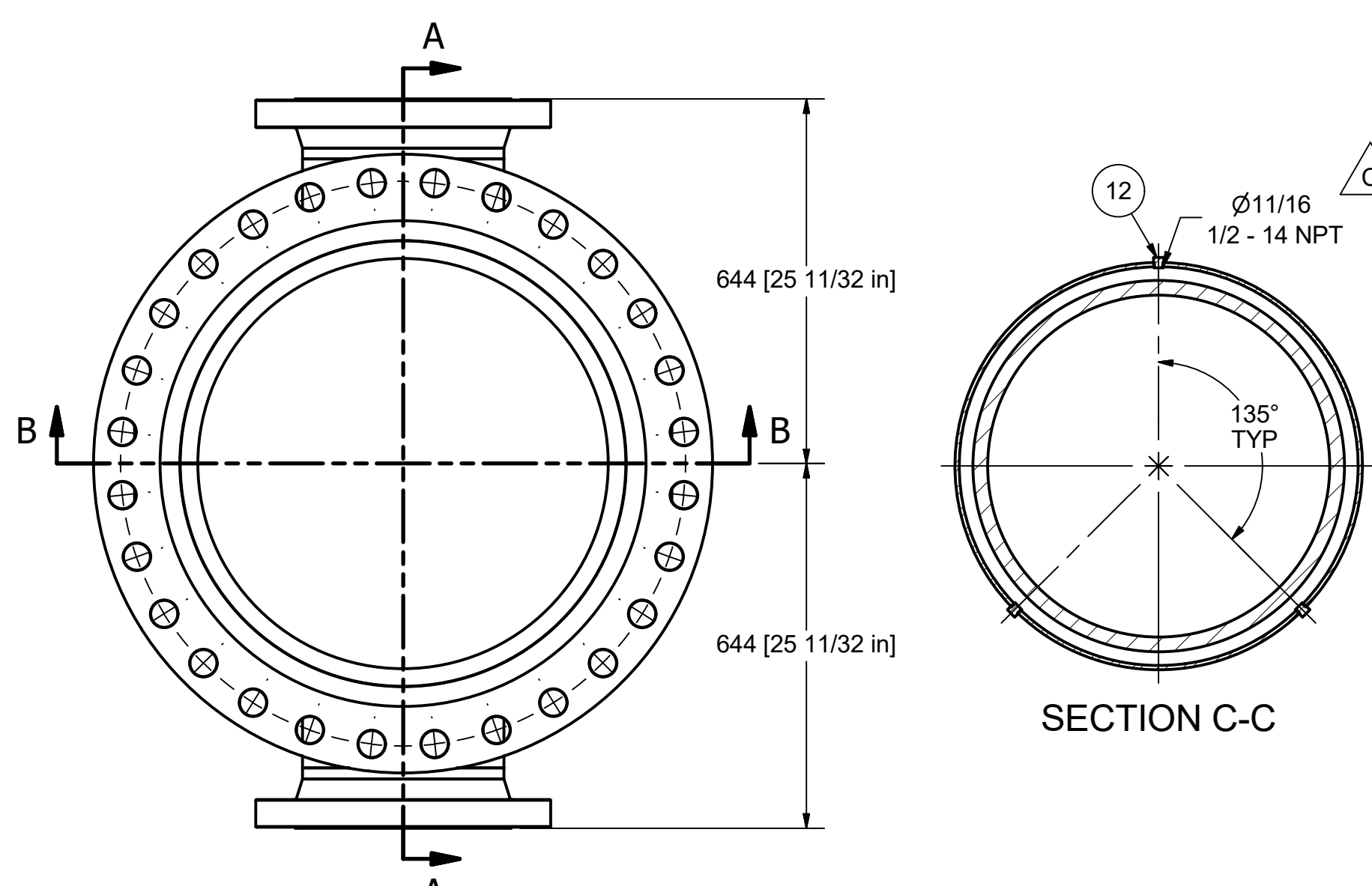
BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-19027-400-01 34in pipe	34" STD x 108 25/32" PIPE, API 5L X65M
2	2	A1-19027-400-02 14in pipe	14" XS x 22 1/2" PIPE, API 5L X65
3	2	A1-19027-400-03 Repad	14" ID x 6" WIDE x 90" REPAD CUT FROM 34" STD PIPE (26" x 100"), API 5L X65M
4	1	A1-19027-400-04 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 RF&SO 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# 470299
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# 470298
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# 470297
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



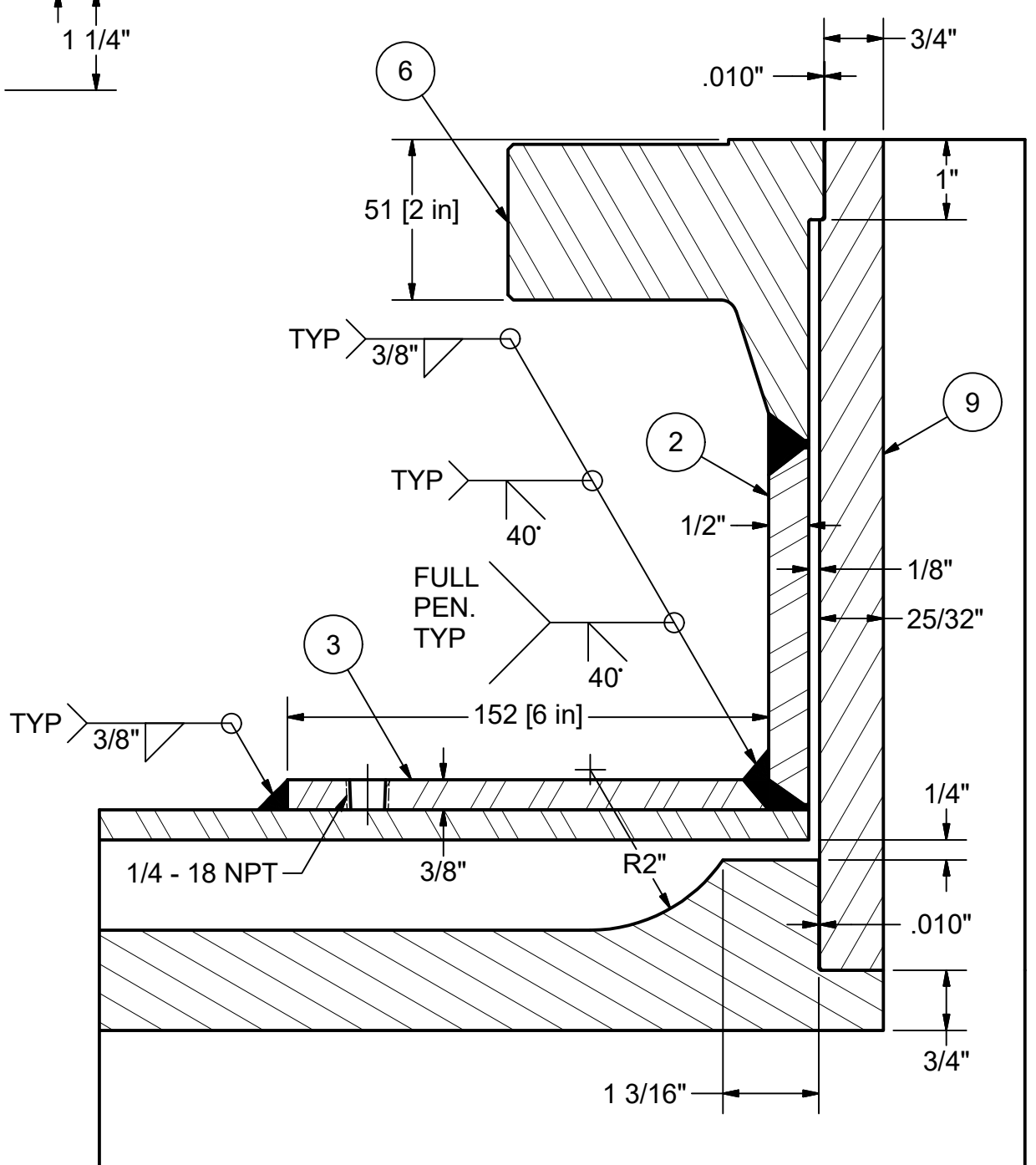
DETAIL D



DETAIL E



SECTION C-C



DETAIL F

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

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

REVISION HISTORY			
REV	DATE	DESCRIPTION	INITIALS
0	2/12/20	ISSUED FOR CONSTRUCTION, PIPE WAS X56	BEM
C	2/11/20	PF NUMBERS ADDED, HOLE DIMENSION ADDED	KLS
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

EST. WT. 8,065 lbs.	DO NOT SCALE
OTHERWISE SPECIFIED	DRAWN BY: GVD
ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" R. 0.10. INTERPRET DWG PER ANSI Y14.5 STANDARD.	DATE: 1/06/20
TOLERANCES:	CHECKED BY: KLS
X.XX = ± .010	DATE: 2/12/20
X.XXX = ± .015	APPROVED: BEM
X.XXXX = ± .005	DATE: 2/12/20
ANGLES: ± .12°	MATERIAL & HEAT TREAT
125/ FINISH ON ALL MACHINED SURFACES	

ALCO Industrial	2103 - 8 Street, Nisku, Alberta, Canada T9E 7Y9 Phone: (780) 451-6222 • Fax: (780) 452-4355
PROJECT No: A1-19027	REFERENCE: SP-237-2-P-126-1-C Rev.A
FILE NAME: A1-19027-400-00 SP-237-2-P-126-1-C.idw	REV. 0
TITLE: SPOOL SP-237-2-P-126-1-C SYNCRUDE AURORA HT2 MAIN LINE	
SHEET 1 OF 1	

