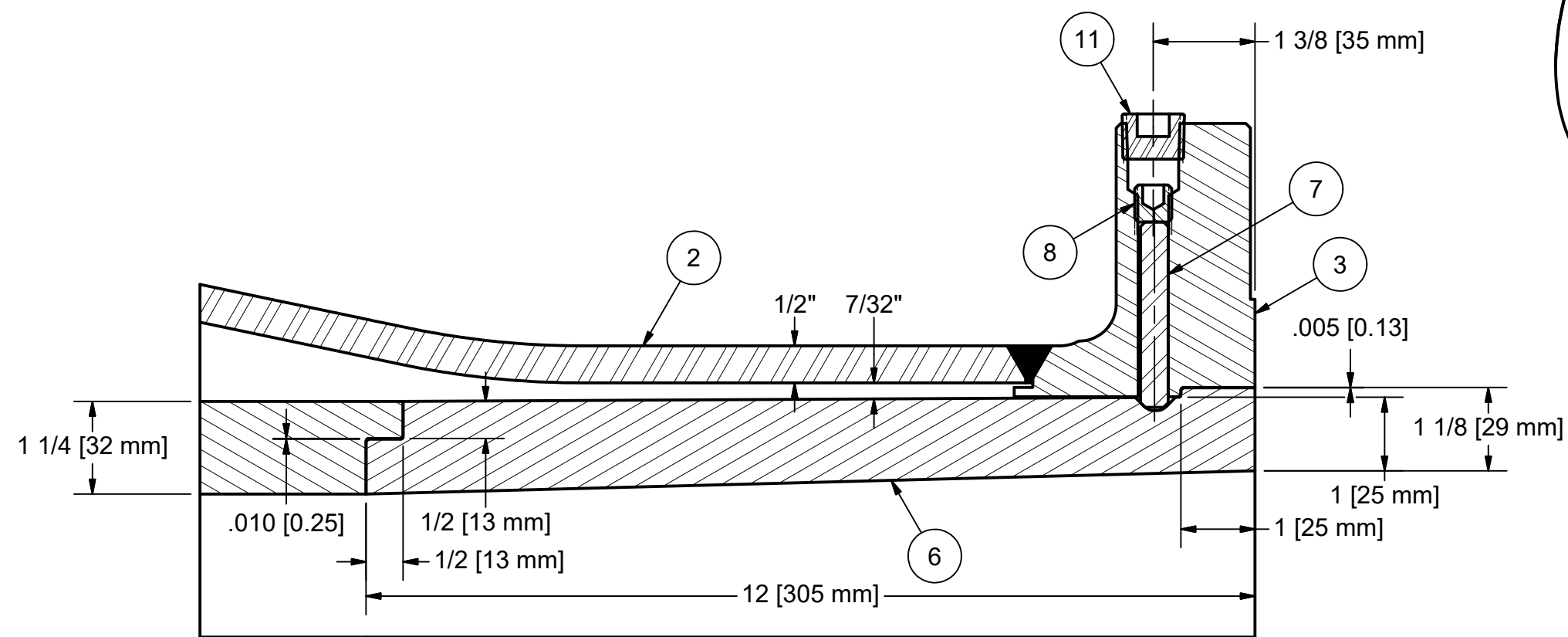
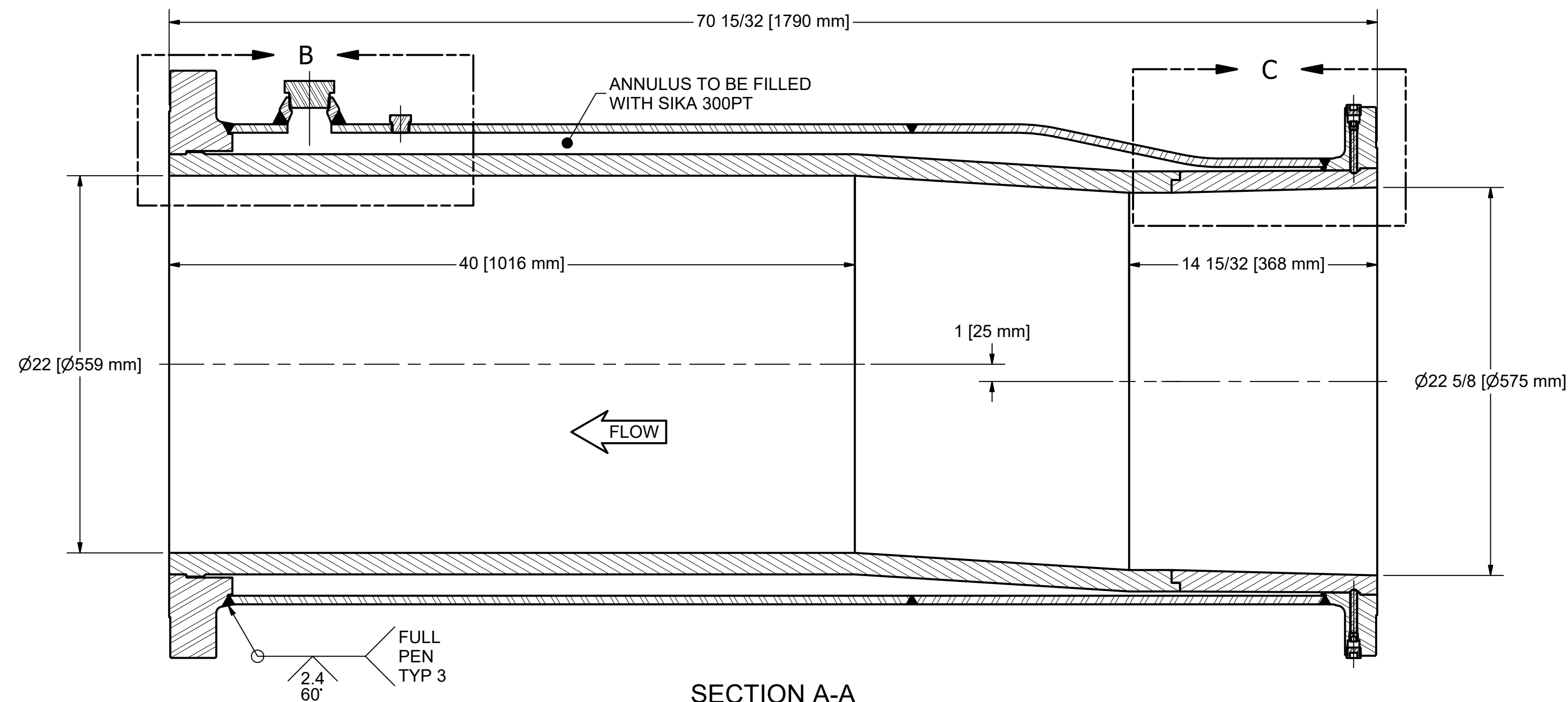
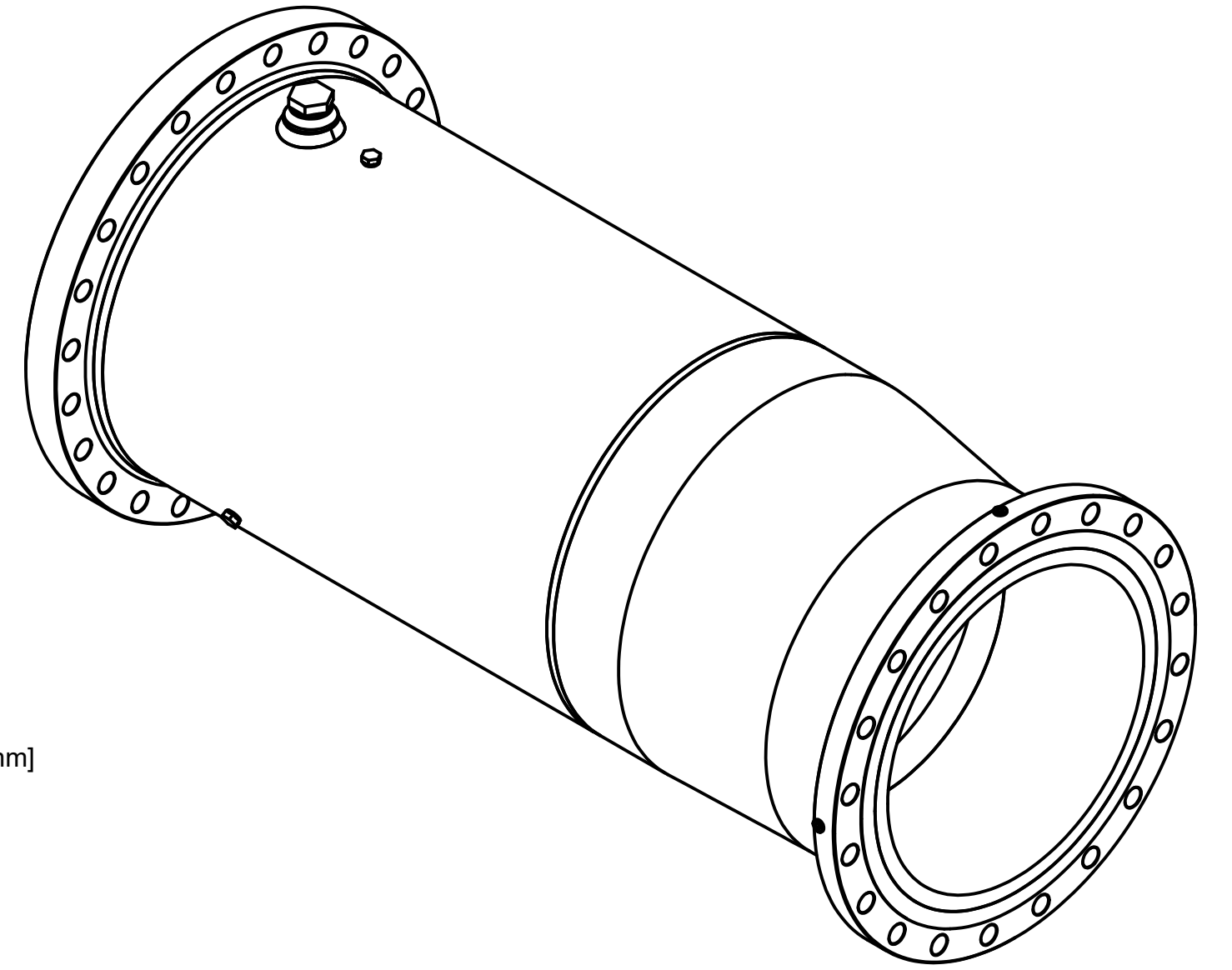


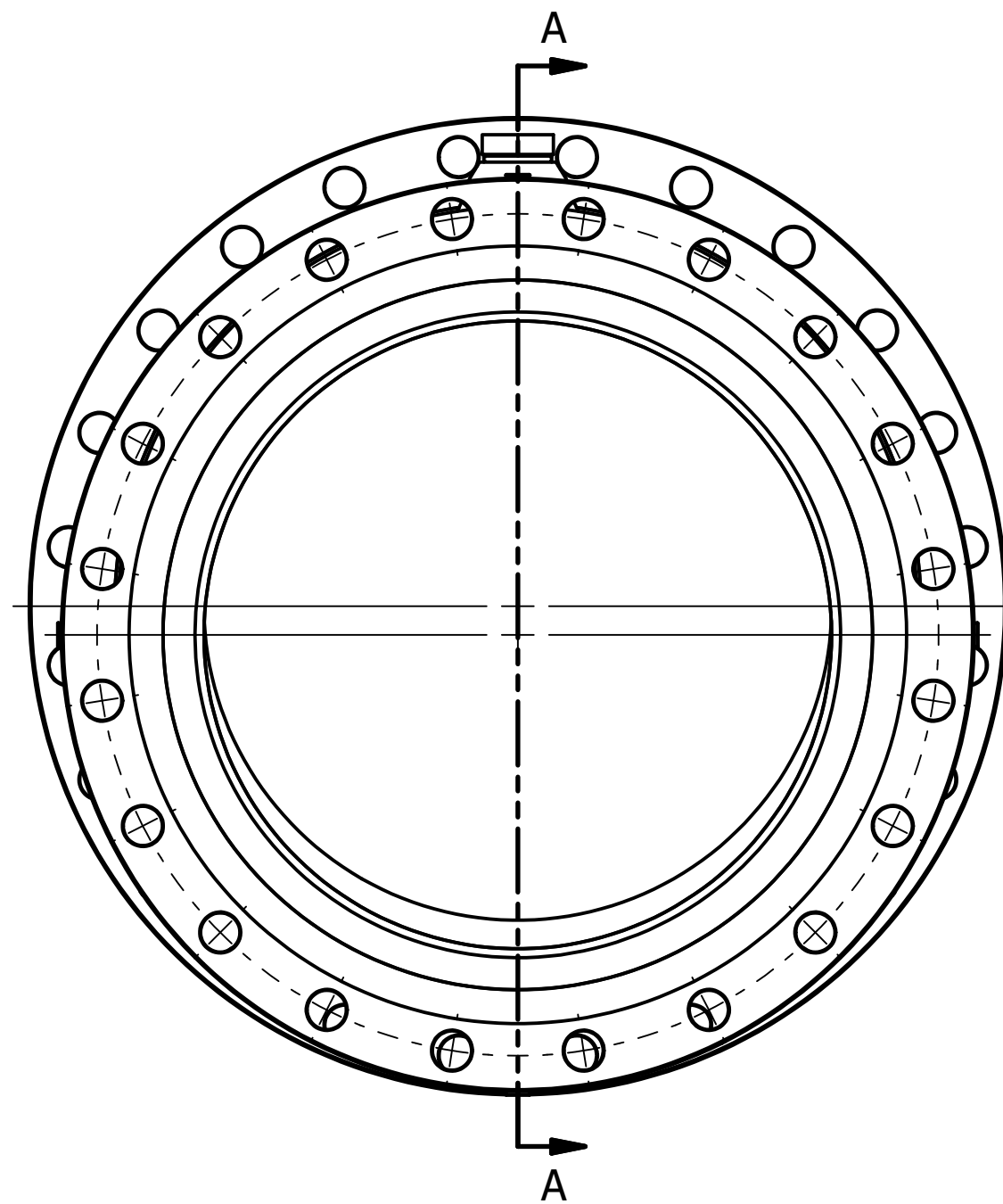
DETAIL B



DETAIL C



SECTION A-A



P.O.#
P.O. TITLE
IOR #
DOCUMENT #
SDRL CODE(S)




EQUIPMENT TAG NUMBER(S)

SUPPLIER DOCUMENT REVIEW
PURCHASER'S REVIEW STATUS, CIRCLE THE APPROPRIATE STATUS:
CODE 1 - NO COMMENTS
CODE 2 - REVIEWED WITH MINOR COMMENTS
CODE 3 - REVIEWED WITH COMMENTS
CODE 4 - REJECTED
CODE 5 - SUPERSEDED
CODE 6 - VOID
CODE 7 - FOR INFORMATION
PURCHASER REVIEW / REVIEWER
DATE: SIGNATURE:

DESIGN CODE:	ASME B31.3, Add.2016 EDITION
SERVICE:	BITUMEN FROTH
DESIGN PRESSURE:	1580 kPag (229 psig)
DESIGN TEMPERATURE:	93°C (199°F)
TEST PRESSURE:	3000 kPag (435 psig)
TEST TEMPERATURE:	15°C (59°F)
TEST DURATION:	10 MINUTES

BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-100-01 28in pipe	28" x 3/4" WALL x 12" PIPE, API 5L Gr.B PSL-2
2	1	A1-18001-100-03 28in x 26in eccentric reducer	28" x 24" XS REDUCER, A234 WPB
3	1	A1-18001-100-04 24in CL150 RF flange - custom	24" CLASS 150 RF50 FLANGE, A105N, Ø24 5/8" BORE
4	1	A1-18001-100-05 26in CL150 RF flange - custom	26" CLASS 150 RF50 FLANGE, A105N, Ø24 1/2" BORE
5	1	A1-18001-100-06 HCWI reducer	22 5/8" ID x 15/16" WALL x 22" ID x 1 1/4" WALL x 59 31/32" HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF#
6	1	A1-18001-100-08 24in HCWI liner - pup	22 5/8" ID x 15/16" WALL x 12" HCWI LINER, ASTM A532 CLASS III TYPE A, PF#
7	4	A1-18001-100-10 Trap rod	Ø3/8" x 2 1/2" ROUND BAR, A36
8	4	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
9	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105
10	3	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105
11	4	Parker Countersunk Hex-Head Plug 219P 219P-8	1/2"-NPT SOCKET HEAD PLUG, A105
12	1	A1-18001-100-09 2in x 28in CL3000 threadolet	2" x 28" CLASS 3000 THREADOLET, A105N

REVISION HISTORY		
REV	DATE	DESCRIPTION
A	8/02/18	ISSUED FOR REVIEW

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ALCO INC. OR ITS DIVISIONS.	EST. WT. 3,790 lbs.	DO NOT SCALE		  ALCO Industrial 1650 - 156 Street, Edmonton, Alberta, Canada T5M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355		
	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES .01-.035 OR .45" RADI .05 T.I.R. .010. INTERPRET DWG PER ANSI Y14.5 STANDARD.	DRAWN BY: GVD	DATE: 8/02/18			
	TOLERANCES x .x = ±.116 x .x = ±.030 x .xx = ±.015 x .xxx = ±.008 x .005 = ±.005 ANGLES = ±.1°	CHECKED BY: DATE:	TITLE: 24" x 26" HCWI REDUCER - SPOOL SC3635			
	APPROVED: DATE:	IOL KEARL PLANT 2 - EXTRACTION				
	MATERIAL & HEAT TREAT					
	 FINISH ON ALL MACHINED SURFACES	PROJECT NO: A1-18001		REFERENCE: 074-2300-080-141-009 01	REV. A	SHEET 1 OF 4
		FILE NAME: A1-18001-100-00 Spool SC3635.idw				

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ALL GENERAL NOTES AND SPECIFICATIONS

