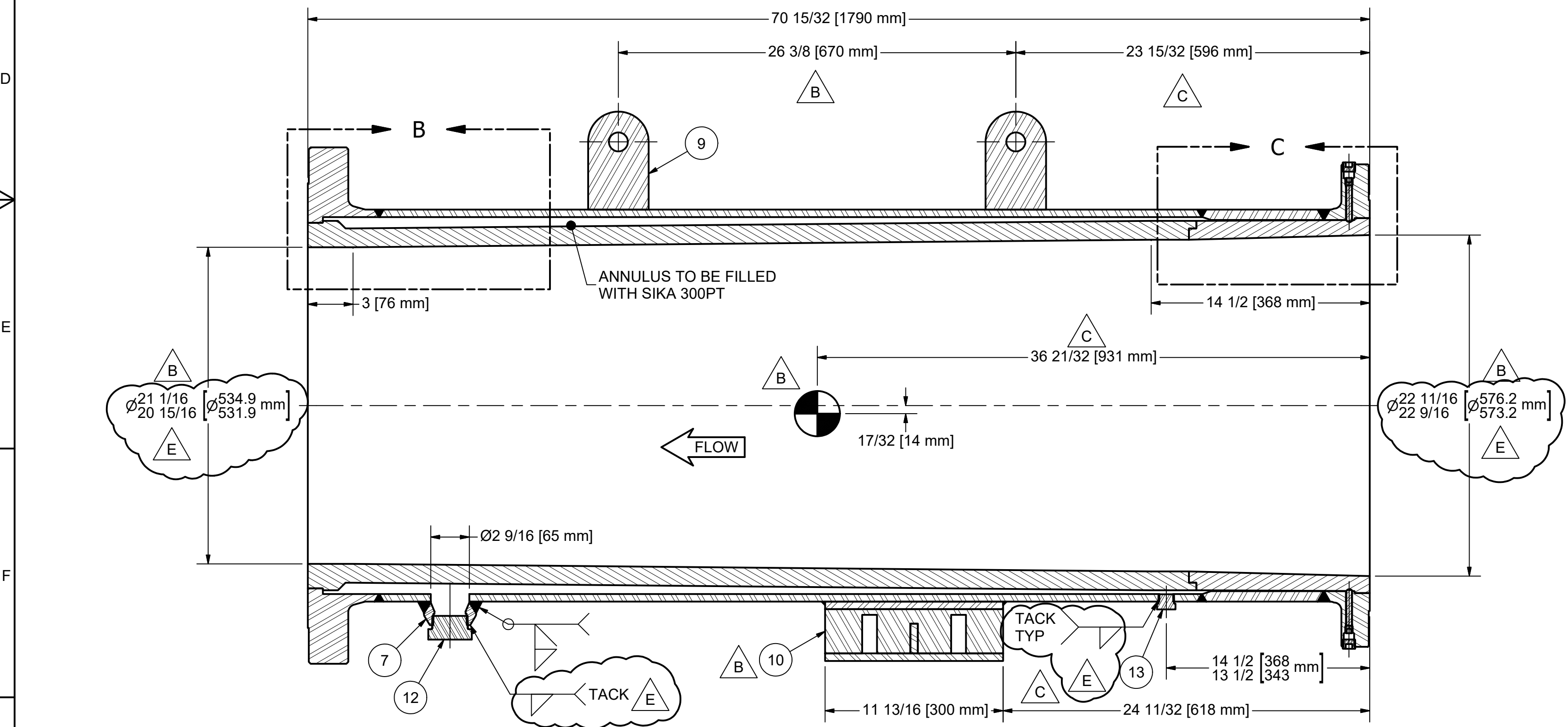
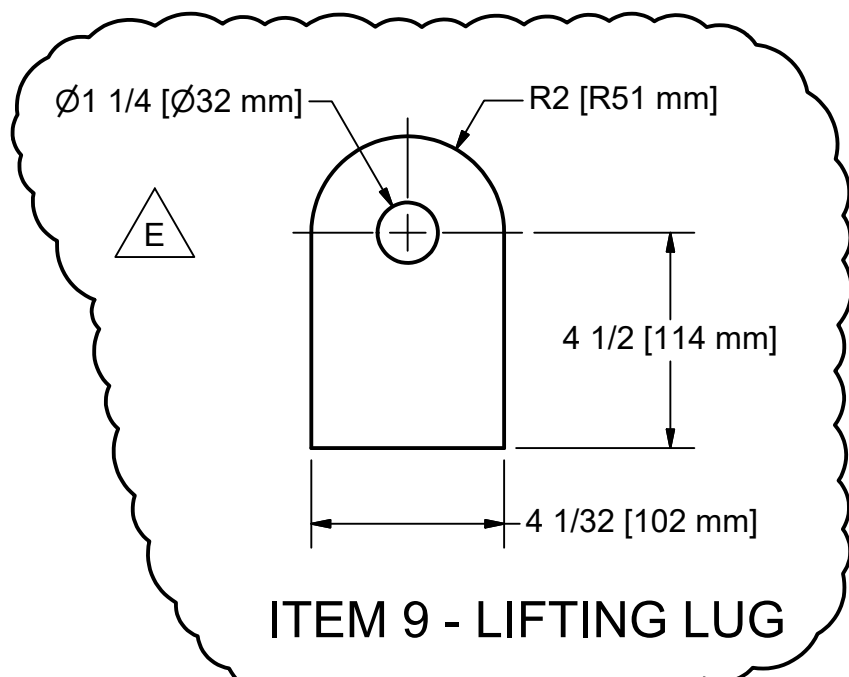
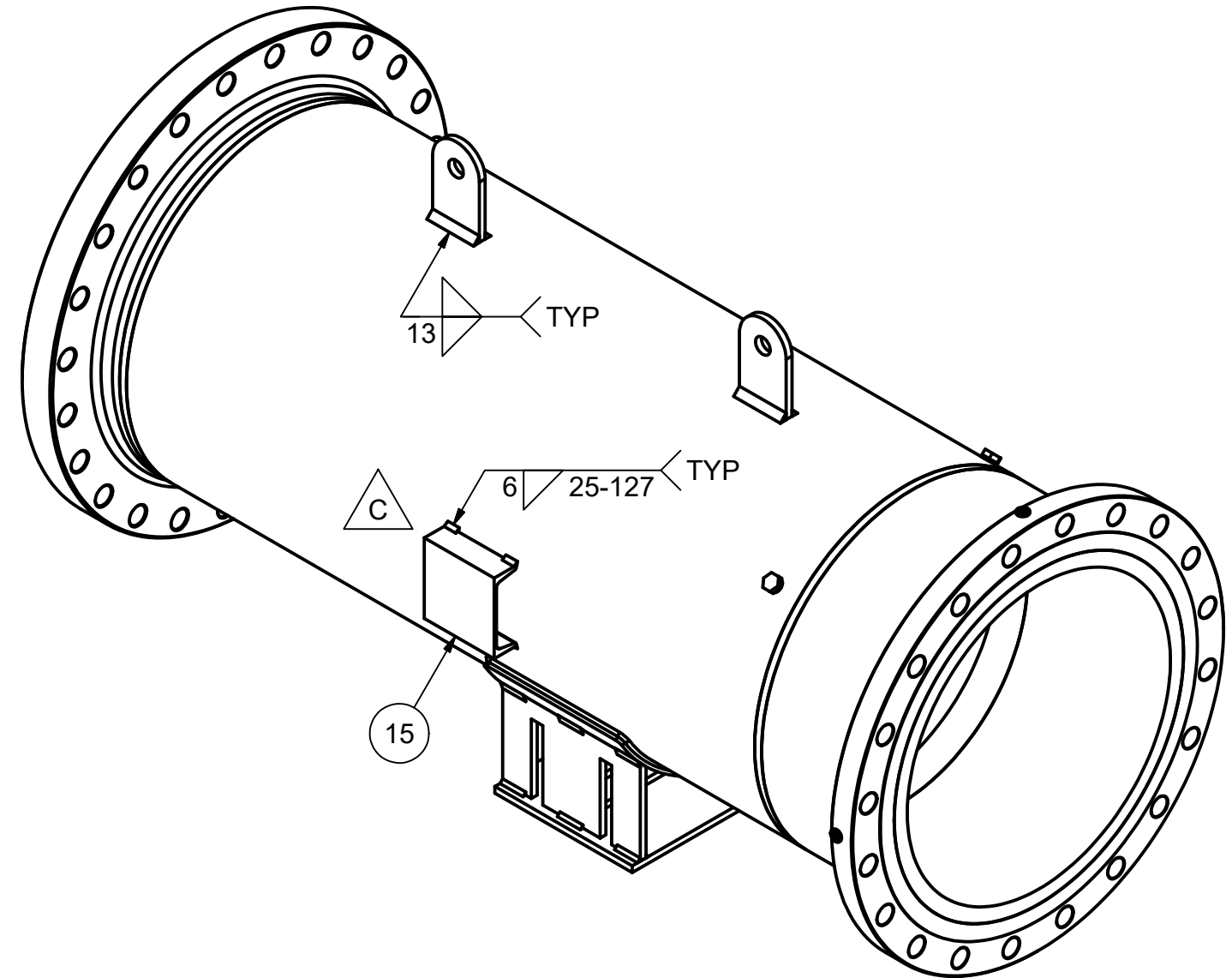
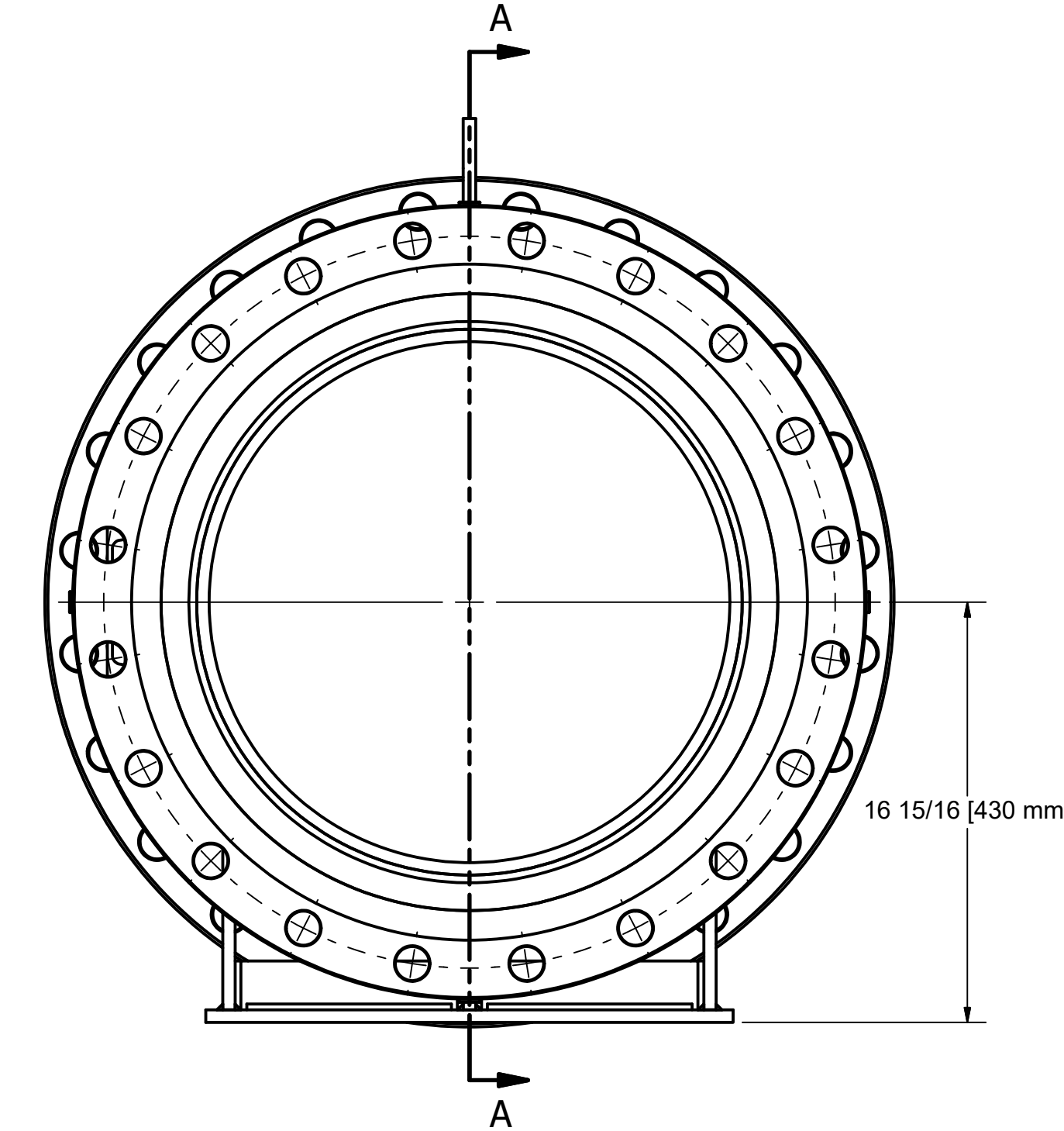


DETAIL B

DETAIL C



SECTION A-A



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-100-01 26in pipe	26" XS x 1384mm PIPE, API 5L Gr.B PSL-2
2	1	A1-18001-100-02 26in pipe	26" x 17.5mm WALL x 203mm PIPE, API 5L Gr.B PSL-2
3	1	A1-18001-100-03 24in CL150 RF flange - custom	24" CLASS 150 ASME B16.5 RF SO FLANGE, A105N, Ø24 5/8" BORE
4	1	A1-18001-100-04 26in CL150 RF flange - custom	26" CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N, Ø24 1/4" BORE
5	1	A1-18001-100-05 HCWI reducer	575mm ID x 24mm WALL x 559mm ID x 32mm WALL x 1498mm HCWI REDUCER, ASTM A532 CLASS III TYPE A, PF#743099
6	1	A1-18001-100-06 24in HCWI liner - pup	575mm ID x 24mm WALL x 559 ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743098
7	1	A1-18001-100-07 2in x 26in CL3000 threadolet	2" x 26" CLASS 3000 THREADOLET, A105N
8	4	A1-18001-100-08 Trap rod	Ø3/8" x 60mm ROUND BAR, A36
9	2	A1-18001-100-09 Lifting lug	165mm x 102mm x 1/2" PLATE, A516 Gr.60 OR EQUIV.
10	1	A1-18001-410-00 Pipe shoe - S4-A-1-26	AS PER 074-0000-220-000-026 01
11	4	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
12	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N
13	3	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N
14	4	Parker Countersunk Hex-Head Plug 219P 219P-8	1/2"-NPT SOCKET HEAD PLUG, A105N
15	1	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W
16	AS REQ'D	GROUT	SIKA 300PT

REVISION HISTORY		
REV	DATE	DESCRIPTION
E	1/15/19	UPDATED PO TABLE, UPDATED BoM DESCRIPTIONS, ADDED WELD NOTES, REVISED LIFTING LUG, ADDED LIFTING LUG DETAIL, BORES TOLERANCED
D	11/20/18	CORRECTED BoM
C	11/15/18	ADDED GROUT TO BoM, CORRECTED PIPE SHOE VERSION, REMOVED SECOND STUB PIPE, CORRECTED BoM, UPDATED CofG & LUG POSITIONS, ADDED TAG MOUNT, UPDATED GENERAL NOTES DRAWING NUMBER CONVERTED TO CONCENTRIC LAYOUT, ADDED SECOND STUB PIPE, ADDED LIFTING LUGS, ADDED PIPE SHOE, ADDED CofG, CORRECTED IDs, ADDED MDMT
B	10/17/18	ADDED CofG, CORRECTED IDs, ADDED MDMT
A	8/02/18	ISSUED FOR REVIEW

REFER TO DRAWING A1-00001-100-04 FOR ALL GENERAL NOTES AND SPECIFICATIONS

EST. WT. 3,495 lbs.
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 0.1" OR GR-AL. RADIUS 0.1" I.R. 0.10. INTERPRET DWG PER ANSI Y14.5 STANDARD.
TOLERANCES:
X.XX = ±.118
X.XXX = ±.050
X.XXX = ±.015
X.XXX = ±.005
ANGLES = ±.12°
125/ FINISH ON ALL MACHINED SURFACES

DO NOT SCALE
DRAWN BY: GVD
DATE: 1/15/19
CHECKED BY: DATE
APPROVED: DATE
MATERIAL & HEAT TREAT

ALCO Industrial
11650 - 156 Street,
Edmonton, Alberta, Canada T6M 3T5
Phone: (780) 451-6222 • Fax: (780) 452-4355

TITLE
24" x 26" HCWI REDUCER - SPOOL SP-K3492
IOL KEARL PLANT 2 - EXTRACTION
PROJECT No. A1-18001
REFERENCE 074-2300-080-141-009 01
FILE NAME A1-18001-100-00 Spool SP-K3492.idw
REV. E
SHEET 1 OF 1