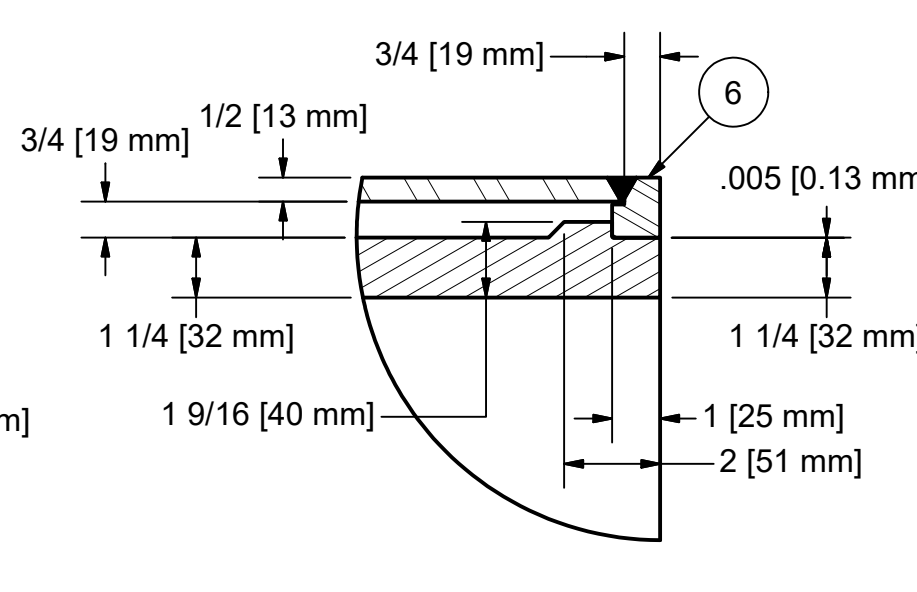
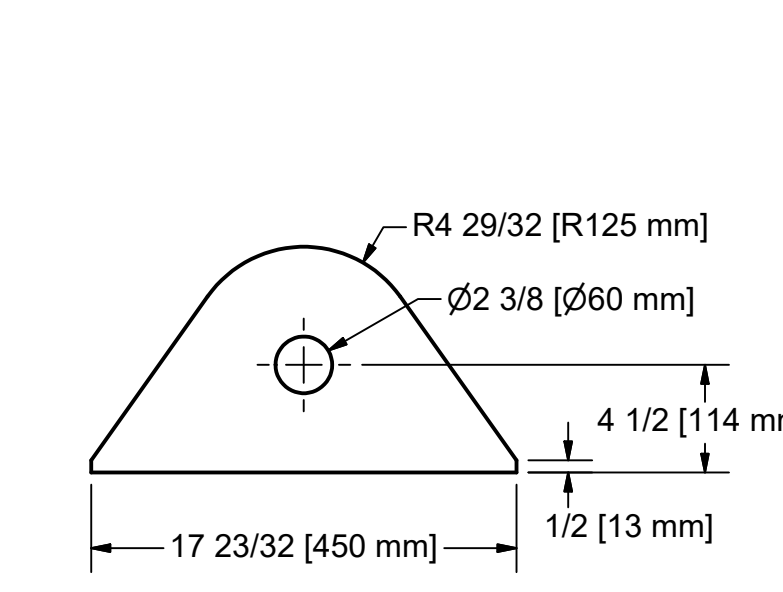


BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-230-01 26in elbow	26"-3D XS x 90° FORGED ELBOW, A234 WPB
2	1	A1-18001-230-03 26in pipe - outlet	26" XS x 4435mm PIPE, API 5L Gr.B PSL-2
3	1	A1-18001-260-02 26in pipe - inlet	26" XS x 1423 mm PIPE, API 5L Gr.B PSL-2
4	1	A1-18001-260-17 26in pipe - inlet	26" XS x 254 mm PIPE, API 5L Gr.B PSL-2
5	1	A1-18001-230-04 24in dummy leg	24" XS x 1610mm PIPE, A106 Gr.B PSL-2
6	1	A1-18001-230-05 End ring	Ø660mm x Ø597mm x 1" PLATE, A516 Gr.70N
7	1	A1-18001-230-06 26in CL150 RFWN flange - custom	26" XS CL150 ASME B16.47 Ser.A RFWN FLANGE, A105N
8	1	A1-18001-230-07 24in CL150 RFWN flange	24" XS CL150 ASME B16.5 RFWN FLANGE, A105N
9	1	A1-18001-230-08 HCWI elbow - male	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743107
10	1	A1-18001-230-09 HCWI elbow - female	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743106
11	1	A1-18001-260-10 HCWI pipe - inlet	533 mm ID x 32 mm WALL x 1460 mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF #743104
12	2	A1-18001-230-11 HCWI pipe - center	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743103
13	1	A1-18001-230-12 HCWI pipe - outlet	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743102
14	1	A1-18001-230-13 26in HCWI liner - pup	533mm ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743101
15	4	A1-18001-230-14 Trap rod	Ø3/8" x 86mm ROUND BAR, A36
16	2	A1-18001-230-15 Lifting lug	450mm x 239mm x 1" PLATE, CSA G40.21 Gr.350 WT Cat.4
17	1	A1-18001-130-07 2in x 26in CL3000 threadolet	2" x 26" CLASS 3000 THREADOLET, A105N
18	1	A1-18001-400-00 Pipe shoe - S4-A-2-26	AS PER 074-0000-220-000-026 01
19	4	ANSI B18.3 - 1/2-13 UNC x 0.5	1/2"-NC x 1/2" SOCKET HEAD SET SCREW, PLATED
20	4	ASME B16.11 Hex Head Plug 1/2	1/2"-NPT HEX HEAD PLUG, A105N
21	1	ASME B16.11 Hex Head Plug 2	2"-NPT HEX HEAD PLUG, A105N
22	28	ASME B16.11 Hex Head Plug 3/4	3/4"-NPT HEX HEAD PLUG, A105N
23	1	Tag mount - 6in	C6x8.2 x 6" [152mm], 44W
24	AS REQ'D	GROUT	SIKA 300PT



DESIGN CODE:	ASME B31.3, Add.2016 EDITION
SERVICE:	BITUMEN FROTH
DESIGN PRESSURE:	1580 kPag (229 psig)
DESIGN TEMPERATURE:	93°C (199°F) -29°C (-20°F)
TEST PRESSURE:	3000 kPag (435 psig)
TEST TEMPERATURE:	15°C (59°F)
TEST DURATION:	10 MINUTES

ALCO INC.
APEGGA PERMIT TO
PRACTICE No.: P10702

ALCO

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

PROJECT No:
A1-18001

REFERENCE
074-2300-080-141-010 01

REV.
A

TITLE
26" HCWI ELBOW - SPOOL SP-K3493

FILE NAME
A1-18001-260-00 Spool SP-K3493.idw

SHEET
1 OF 1

REVISION HISTORY		
REV	DATE	DESCRIPTION
A	9/12/19	ISSUED FOR REVIEW