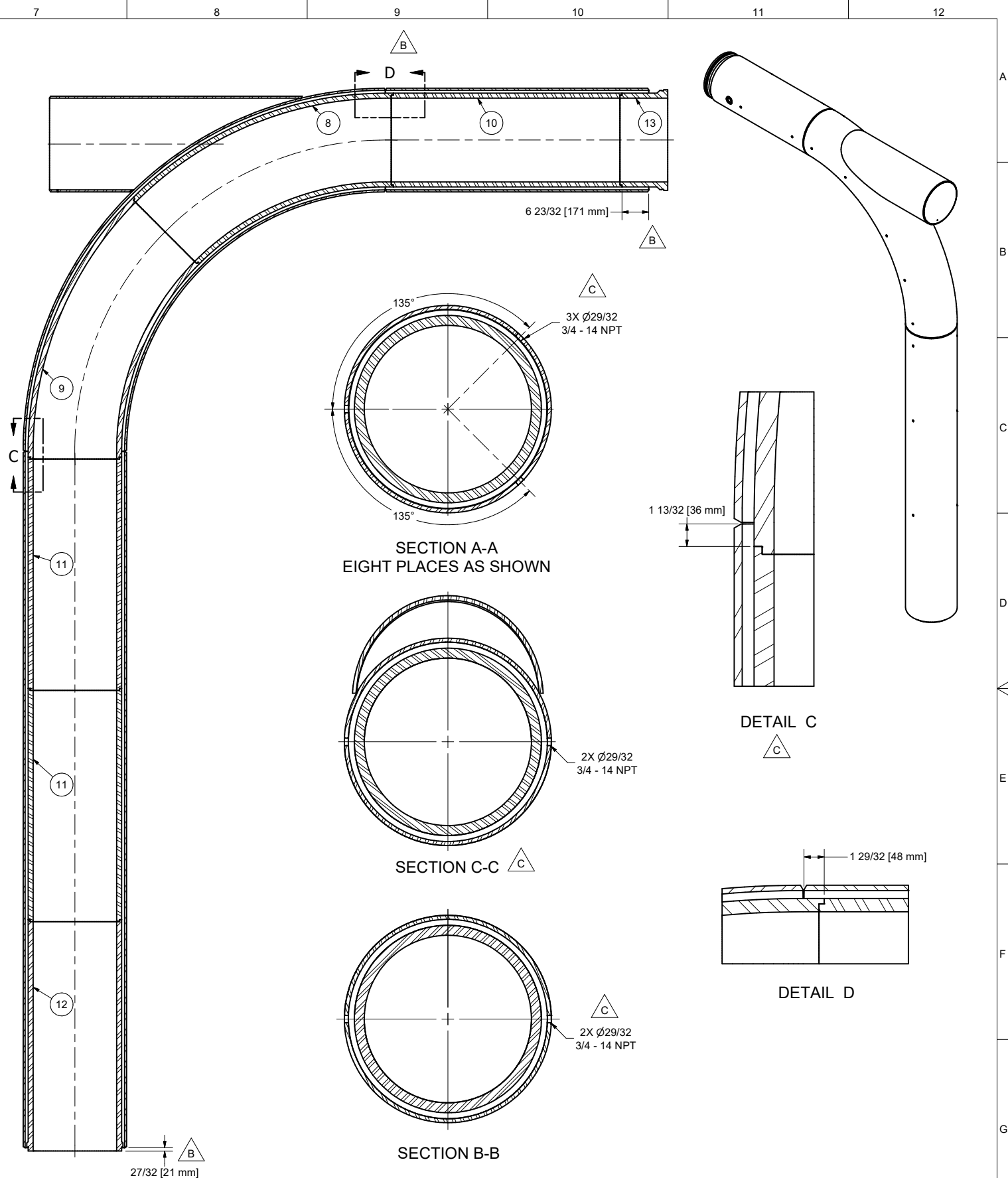



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-200-01 26in elbow	26"-3D XS x 90° FORGED ELBOW, A234 WPB
2	1	A1-18001-200-02 26in pipe - inlet	28" XS x 1249mm PIPE, API 5L Gr.B PSL-2
3	1	A1-18001-200-03 26in pipe - outlet	26" XS x 4435mm PIPE, API 5L Gr.B PSL-2
4	1	A1-18001-200-04 24in dummy leg	24" XS x 1610mm PIPE, A106 Gr.B PSL-2
8	1	A1-18001-200-08 HCWI elbow - male	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743107
9	1	A1-18001-200-09 HCWI elbow - female	533mm ID x 32mm WALL x 2134mm RADIUS x 45° HCWI ELBOW, ASTM A532 CLASS III TYPE A, PF#743106
10	1	A1-18001-200-10 HCWI pipe - inlet	533mm ID x 32mm WALL x 1320mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743104
11	2	A1-18001-200-11 HCWI pipe - center	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743103
12	1	A1-18001-200-12 HCWI pipe - outlet	533mm ID x 32mm WALL x 1473mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743102
13	1	A1-18001-200-13 26in HCWI liner - pup	533mm ID x 32mm WALL x 305mm HCWI LINER, ASTM A532 CLASS III TYPE A, PF#743101



REVISION HISTORY		
REV	DATE	DESCRIPTION
D	6/25/19	ADDED 3/4 NPT DIMS
C	6/12/19	Ø2 9/16 WAS 4 15/32, ADDED REFERENCE
B	4/23/19	ADDED HCWI TO PIPE DIMS, ELBOW DIMS, HOLE DISTANCES
A	3/07/19	ISSUED FOR REVIEW

THE DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY BE USED FOR ANY PURPOSE WITHOUT THE WRITTEN PERMISSION FROM ALCO INC. OR ITS SUBSIDIARIES.	EST. WT.		DO NOT SCALE		 <b>ALCO Industrial</b> 11650 - 156 Street Edmonton, Alberta, Canada T5M 3T5 Phone: (780) 451-6222 • Fax: (780) 452-4355
	UNLESS OTHERWISE SPECIFIED		DRAWN BY: JDS	DATE: 6/25/19	
	ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES .01-.03R OR .45" RADIUS PER ANSI Y14.5 STANDARD.		CHECKED BY:	DATE:	
	TOLERANCES		APPROVED:	DATE:	
	X .XX = ±.016		MATERIAL & HEAT TREAT		
	X .X = ±.030				
	XXX = ±.015				
	X.XXX = ±.005				
	ANGLES = ±.1°		TITLE		
	FINISH ON ALL MACHINED SURFACES		26" HCWI ELBOW - SPOOL SP-K3493		
125/			IOL KEARL PLANT 2 - EXTRACTION - PIPE LAYOUT		
			PROJECT NO. A1-18001	REFERENCE 074-2300-080-141-010 01	REV. D
			FILE NAME A1-18001-200-00 SP-K3493 - Pipe Layout.idw		SHEET 1 OF 1