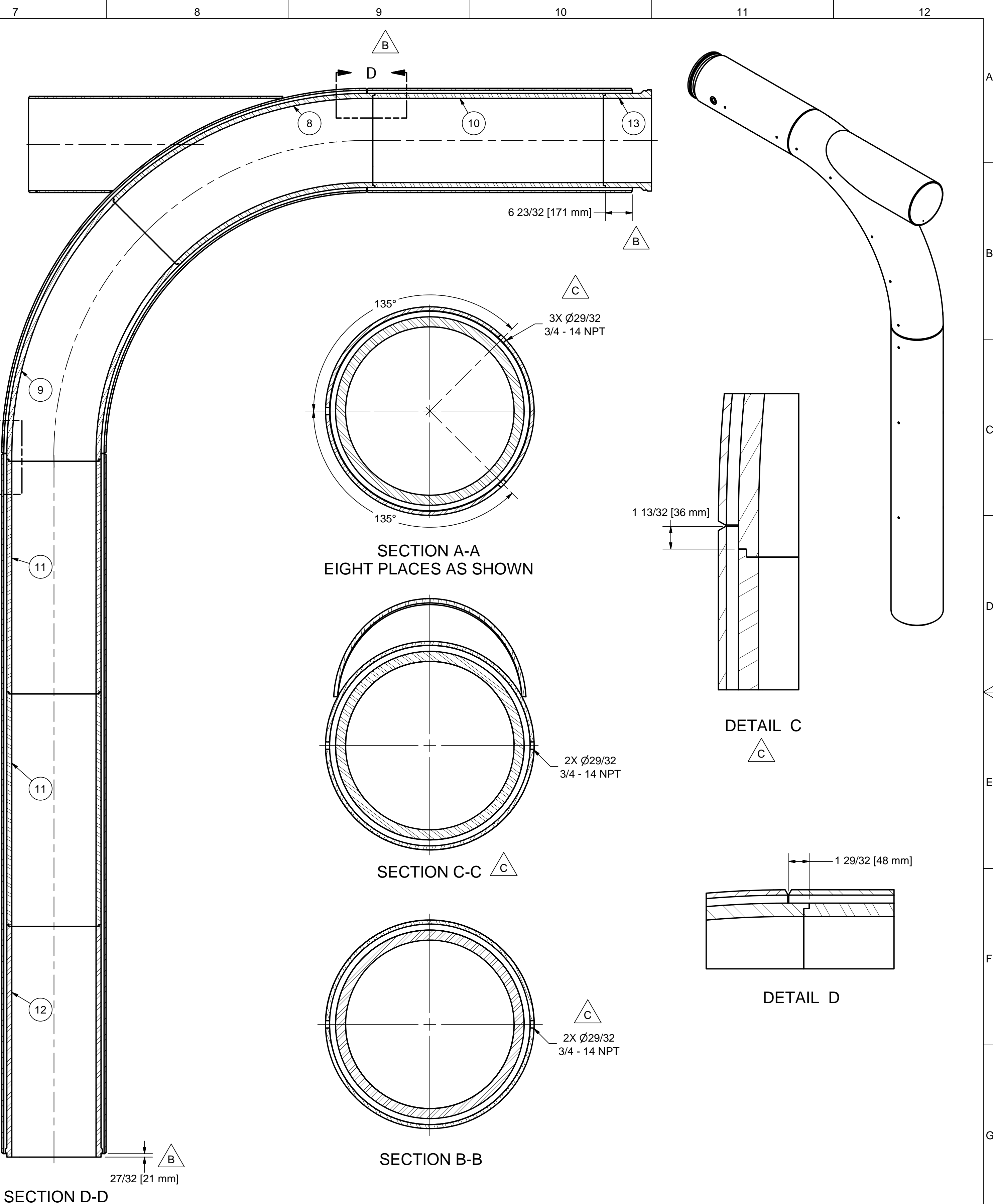
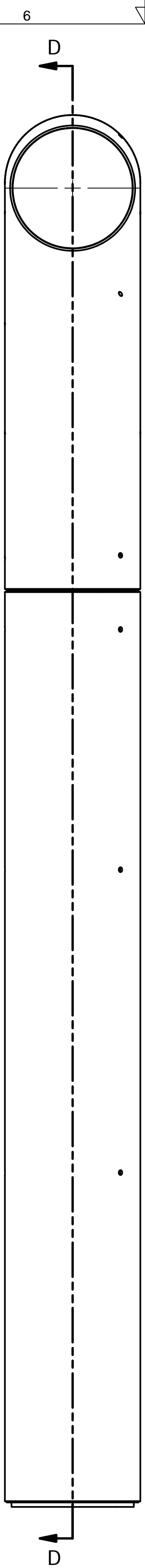



BILL OF MATERIAL			
ITEM	ITEM QTY	PART NUMBER	DESCRIPTION
1	1	A1-18001-200-01 26in elbow	26"-3D XS x 90° FORGED ELBOW, A234 WPB
2	1	A1-18001-200-02 26in pipe - inlet	28" XS x 1249mm PIPE, API 5L Gr.B PSL-2
3	1	A1-18001-200-03 26in pipe - outlet	26" XS x 4435mm PIPE, API 5L Gr.B PSL-2
4	1	A1-18001-200-04 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
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

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	UNLESS OTHERWISE SPECIFIED	DRAWN BY: JDS	DATE 6/12/19	
	ALL DIMENSIONS ARE IN INCHES. BREAK ALL SHARP EDGES 01" OR 0R 45° RADIUS PER ANSI Y14.5 STANDARD.	CHECKED BY:	DATE	
	TOLERANCES: X = ±.1/16 X.X = ±.030 X.XX = ±.015 X.XXX = ±.005 ANGLES = ±1/2°	APPROVED:	DATE	
	MATERIAL & HEAT TREAT			TITLE 26" HCWI ELBOW - SPOOL SP-K3493 IOL KEARL PLANT 2 - EXTRACTION - PIPE LAYOUT
	PROJECT NO. A1-18001			
	REFERENCE 074-2300-080-141-010 01			
	FILE NAME A1-18001-200-00 SP-K3493 - Pipe Layout.idw			
	REV. C			
	SHEET 1 OF 1			