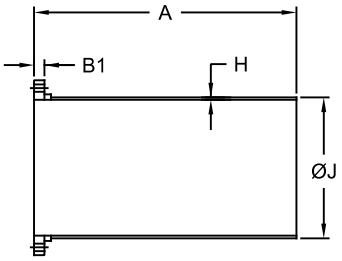
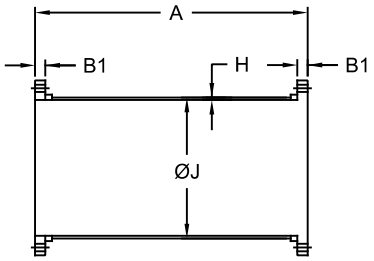
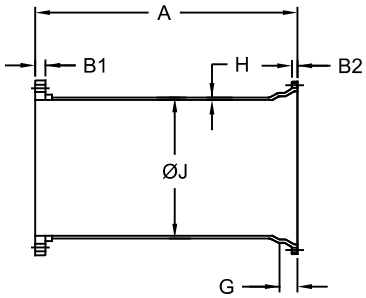
FLG X PE



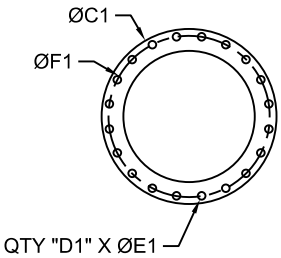
FLG X FLG



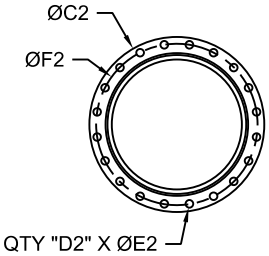
FLG X MJ



FLANGE DETAIL



MJ DETAIL



DIMENSIONS (Inches)														
SIZE	A	FLG					MJ						H	J
		B1	C1	D1	E1	F1	B2	C2	D2	E2	F2	G		
3	AS REQUIRED	0.63	7.50	4	0.75	6.00	0.88	7.69	4	0.75	6.19	2.50	0.31	3.96
4		0.82	9.00	8	0.75	7.50	0.94	9.12	4	0.88	7.50	2.50	0.32	4.80
6		0.88	11.00	8	0.88	9.50	1.00	11.12	6	0.88	9.50	2.50	0.34	6.90
8		1.00	13.50	8	0.88	11.75	1.04	13.37	6	0.88	11.75	2.50	0.36	9.05
10		1.07	16.00	12	1.00	14.25	1.10	15.69	8	0.88	14.00	2.50	0.38	11.10
12		1.13	19.00	12	1.00	17.00	1.17	17.94	8	0.88	16.25	2.50	0.40	13.20
14		1.19	21.00	12	1.13	18.75	1.19	20.30	10	0.88	18.75	3.50	0.42	15.30
16		1.25	23.50	16	1.13	21.25	1.26	22.56	12	0.88	21.00	3.50	0.43	17.40
18		1.37	25.00	16	1.25	22.75	1.32	24.83	12	0.88	23.25	3.50	0.44	19.50
20		1.50	27.50	20	1.25	25.00	1.38	27.08	14	0.88	25.50	3.50	0.45	21.60
24		1.69	32.00	20	1.38	29.50	1.50	31.58	16	0.88	30.00	3.50	0.47	25.80
30		1.87	38.75	28	1.38	36.00	1.69	39.12	20	1.13	36.88	4.00	0.51	32.00
36		2.13	46.00	32	1.63	42.75	1.88	46.00	24	1.13	43.75	4.00	0.58	38.30
42		2.37	53.00	36	1.63	49.50	1.88	53.12	28	1.38	50.62	4.00	0.65	44.50
48		2.50	59.50	44	1.63	56.00	1.88	60.00	32	1.38	57.50	4.00	0.72	50.80

- Tolerance on length of FLG x FLG and FLG x MJ pipe shall be +/- 0.125".
- Tolerance on length of FLG x PE shall be +/- 0.25".
- Above material shall meet all applicable sections of ANSI A21.10, A21.15, A21.50, A21.51, B2.1, B16.1 / AWWA C110, C115, C150, C151 and all revisions thereto.
- Flanged pipe shall be ductile iron pipe with ductile iron flanges threaded on.
- Flange pipe is provided with cement lining per ANSI/AWWA A21.4/C104. Consult Sales Representative if other linings are required.
- The mechanical joint bell for 30" and 36" sizes of Ductile iron pipe have thicknesses different from those shown in ANSI A21.11, which are based on grey iron pipe. The reduced thickness provided a lighter-weight bell, which is compatible with the wall thickness of Ductile iron pipe.
- Submitted material only. Consult engineer for application.
- 250 lb. faced and drilled flanges available upon request.
- CL53 Minimum Wall Thickness for all Fabricated Products.
- Grooved pipe to meet ANSI/AWWA C606 also available, consult Sales Representative for details.

DESCRIPTION:	DATE:	DRAWING:
3"-48" Fabricated Flange Pipe Details & Dimensions	10/08/25	FP-DD0001-C

MCWANE PLANT & INDUSTRIAL
McWane Plant & Industrial
1201 Vanderbilt Road
Birmingham, AL 35234