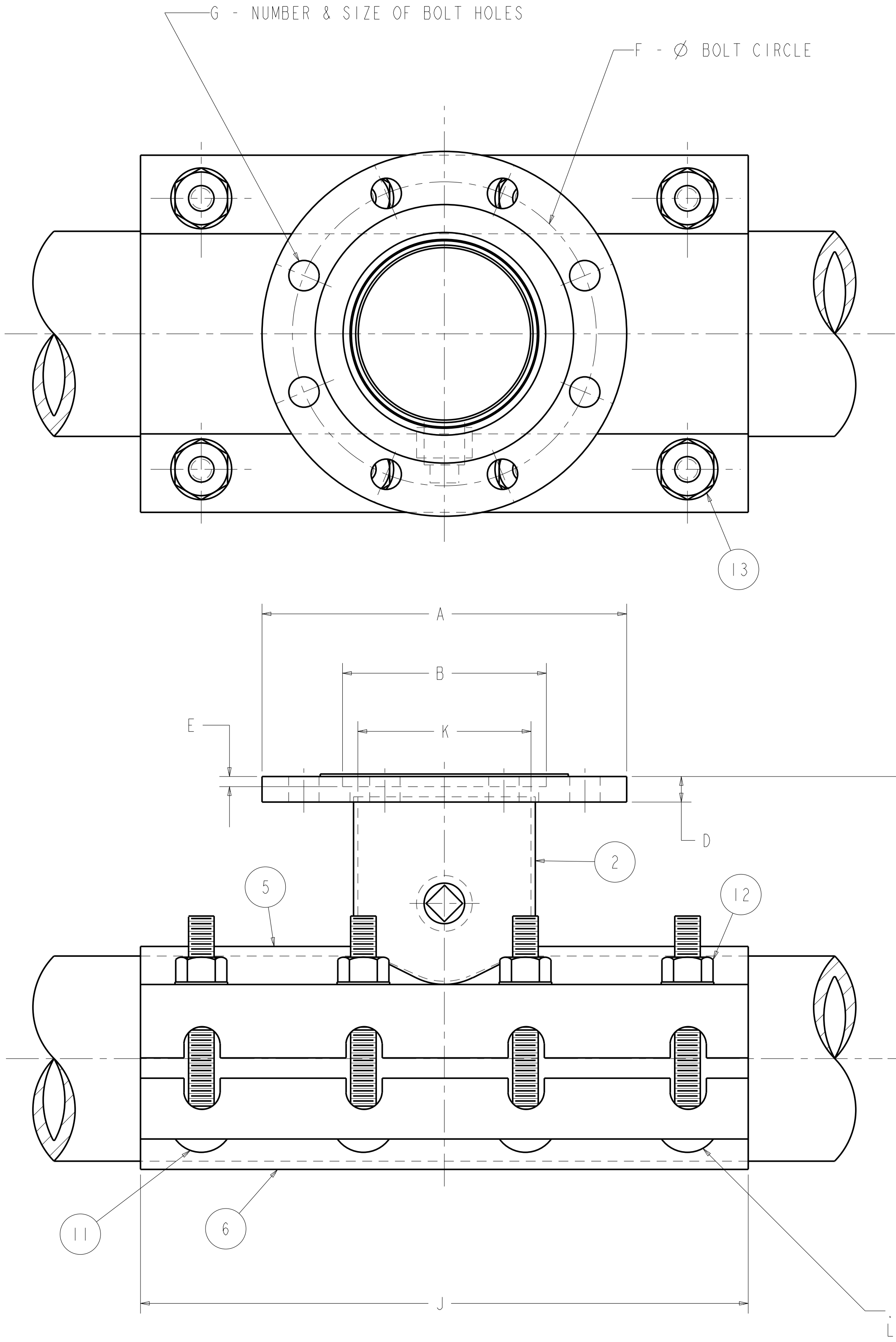




PARTS LIST					
ITEM	DESCRIPTION	REQ'D	MATERIAL	ASTM	
1-A	FLANGE 1	1	CARBON STEEL	Ⓐ A519	ⒶGR. 1018-1026
1-B	FLANGE 2	1	STAINLESS STEEL	Ⓐ A276	304L
1-C	FLANGE 3	1	DUCTILE IRON	Ⓒ A536	70-50-05
2	NECK	1	STAINLESS STEEL	Ⓒ A240	304L
3	COUPLING	1	STAINLESS STEEL	Ⓒ A240	304L
4	PLUG	1	BRASS	Ⓒ B129	C26000
5	OUTLET BAND	1	STAINLESS STEEL	Ⓒ A240	304L
6	CAP BAND	1	STAINLESS STEEL	Ⓒ A240	304L
7	OUTLET BOLT BARS	2	STAINLESS STEEL	Ⓒ A240	304L
8	CAP BOLT BARS	2	STAINLESS STEEL	Ⓒ A240	304L
9	DOUGH NUT GASKET	1	RUBBER	D2000	
10	PIPE GASKET	1	RUBBER	D2000	
11	CARRIAGE BOLTS	L	STAINLESS STEEL	A193	GRADE B-8
12	NUTS	L	STAINLESS STEEL	A194	GRADE 8
13	WASHERS	L	STAINLESS STEEL	Ⓒ A193	300 SERIES
14	FLANGE GASKET	1	RUBBER	D2000	
15	END RETAINERS ***	2	STAINLESS STEEL	A240	304L

*** FOR TAPPING SLEEVE SIZES 10" AND GREATER

OUTLET FLANGE DIMENSIONS							
SIZE	A	B	* D1	** D2	E	F	G
4	9.00	5.0315	.719	.969	.25	7.50	8- .75
6	11.00	7.0315	.781	1.031	.31	9.50	8- .88
8	13.50	9.0315	.781	1.156	.31	11.75	8- .88
10	16.00	11.0315	.781	1.219	.31	14.25	12-1.00
12	19.00	13.0315	.906	1.281	.31	17.00	12-1.00

* D1= CARBON STEEL AND STAINLESS STEEL
** D2= DUCTILE IRON

SLEEVE DIMENSIONS						
SIZE		H	J	K Ⓐ	L	
MAIN	OUTLET					
4	4	7.00	15	4.50	8	
6	4	7.50	15	4.50	8	
6	6	8.00	15	6.50	8	
8	4	8.50	15	4.50	8	
8	6	9.00	15	6.50	8	
8	8	9.50	18	8.50	12	
10	4	10.00	15	4.50	8	
10	6	10.50	15	6.50	8	
10	8	11.00	18	8.50	12	
10	10	11.50	24	10.50	16	
12	4	12.00	15	4.50	8	
12	6	12.00	15	6.50	8	
12	8	12.00	18	8.50	12	
12	10	12.00	24	10.50	16	
12	12	12.00	30	12.50	16	
14	4	13.63	15	4.50	8	
14	6	13.63	15	6.50	8	
14	8	13.63	18	8.50	12	
14	10	13.63	24	10.50	16	
14	12	13.63	30	12.50	16	
16	4	14.69	15	4.50	8	
16	6	14.69	15	6.50	8	
16	8	14.69	18	8.50	12	
16	10	14.69	24	10.50	16	
16	12	14.69	30	12.50	16	
18	4	16.00	15	4.50	8	
18	6	16.00	15	6.50	8	
18	8	16.00	18	8.50	12	
18	10	16.00	24	10.50	16	
18	12	16.00	30	12.50	16	
20	4	16.88	15	4.50	8	
20	6	16.88	15	6.50	8	
20	8	16.88	18	8.50	12	
20	10	16.88	24	10.50	16	
20	12	16.88	30	12.50	16	
24	4	19.00	24	4.50	16	
24	6	19.00	24	6.50	16	
24	8	19.00	24	8.50	16	
24	10	19.00	24	10.50	16	
24	12	19.00	30	12.50	20	

Ⓐ

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Ⓐ 20 WAS 16 ECN 1380 JWB 5/30/97	Ⓐ ECN 1498 A519 WAS A216 GR. 1018-1026 WAS GR. WBC ADDED ASTM A276 JLC 2/9/98	Ⓒ ECN 1699 ADDED ASTM NOS. JLC 7/21/98	Ⓒ ECO 1033701 4.50, 6.50, 8.50, 10.50, & 12.50 WAS 4.38, 6.38, 8.38, 10.38, & 12.38 JLC 10/25/00	Ⓐ ECO 1272622 ADDED END RETAINERS CAP 11/11/02
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Prior Approval Sign-off
Eng. Mgr. TRJ
11/11/02

ECN
1319

DR BY JWB	4/12/97	UNLESS OTHERWISE NOTED	THIRD ANGLE PROJECTION	C.B. NO.
CHKD		BREAK CAST CORNER(S)	Ⓐ	
ENGR		BREAK WASH CORNER(S)	PURCH.	PATT. NO.
MGR		TOLERANCES	REF. NO.	SCALE
MFG		UNLESS OTHERWISE NOTED	REF. NO.	SCALE
TOOL		LINEAR	STR. NO.	
EDTY		ANGULAR		
NOTED		FABRICATED STAINLESS STEEL TAPPING SLEEVES 4X4 THRU 24X12 SIZES H304		NUMBER 6628
Mueller Co.				