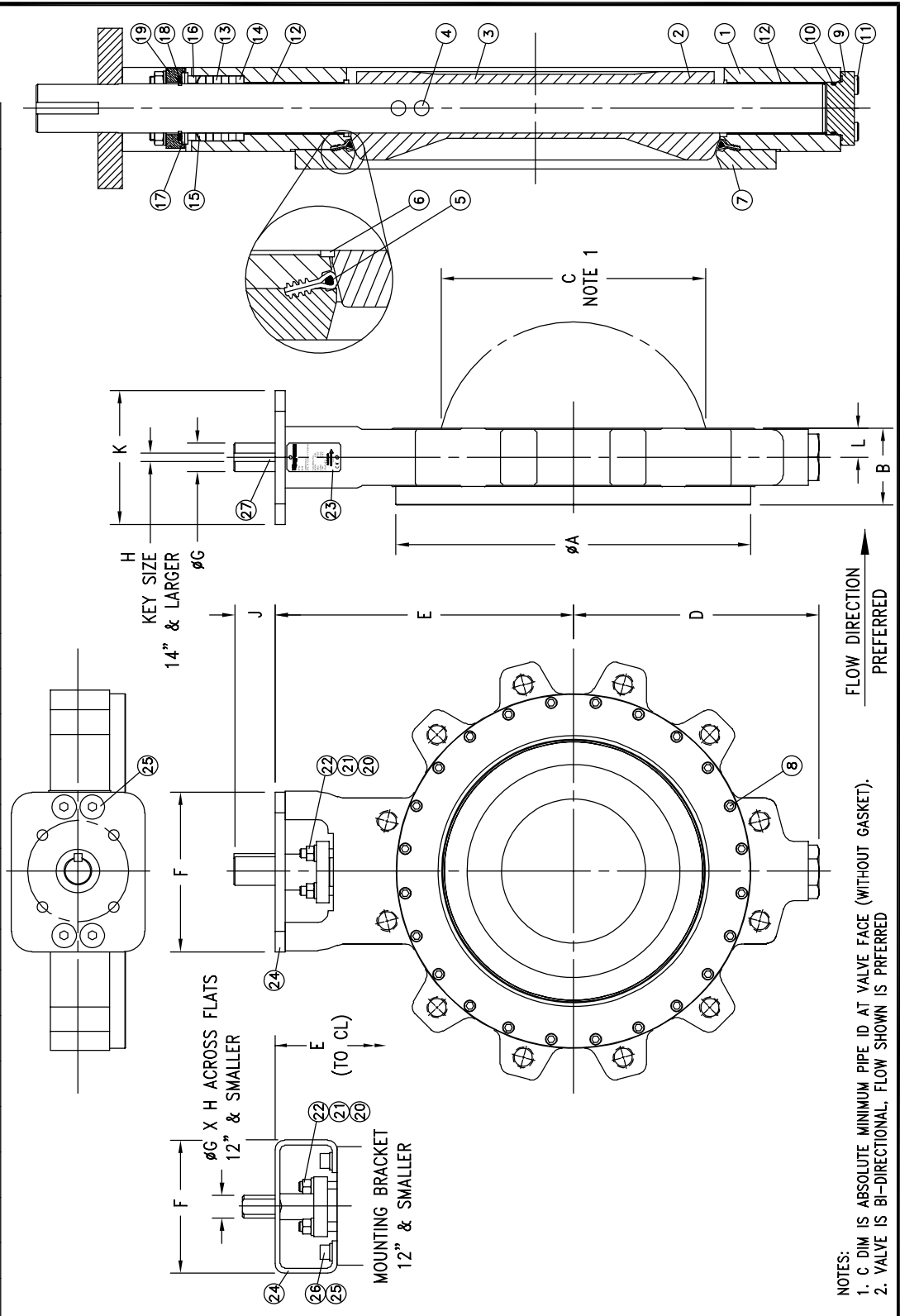


Valve Size In. mm	Top Plate Drilling			Valve Mounting Code	Class 150 Flange Data			Body Flange Drilling		Weight													
	A	B	C		BCD	# of Holes	Thread Size	# of Holes	Tap Depth														
2.5"	65	4.75	1.88	2.28	3.81	6.38	4.36	0.63	0.43	1.25	2.50	0.77	2.76	4	0.38	F07	B	5.50	4	5/8-11UNC	4	THRU	22
3"	80	5.25	1.88	2.86	4.09	6.63	4.36	0.63	0.43	1.25	2.50	0.77	2.76	4	0.38	F07	B	6.00	4	5/8-11UNC	4	THRU	30
4"	100	6.72	2.03	3.72	4.71	7.50	4.36	0.63	0.43	1.25	2.50	0.75	2.76	4	0.38	F07	B	7.50	8	5/8-11UNC	8	THRU	36
5"	125	7.62	2.23	4.80	5.07	7.50	5.12	0.75	0.51	1.25	4.50	0.94	2.76	4	0.38	F07	C	8.50	8	3/4-10UNC	8	THRU	49
6"	150	8.62	2.23	5.88	5.57	8.00	5.12	0.75	0.51	1.25	4.50	0.94	2.76	4	0.38	F07	C	9.50	8	3/4-10UNC	8	THRU	62
8"	200	10.81	2.40	7.80	6.94	9.50	5.12	0.87	0.63	1.25	4.50	0.94	4.92	4	0.53	F12	D	11.75	8	3/4-10UNC	8	THRU	107
10"	250	13.06	2.75	9.78	8.56	10.75	6.12	1.18	0.87	2.00	4.50	1.07	4.92	4	0.53	F12	E	14.25	12	7/8-9UNC	12	THRU	110
12"	300	15.42	3.08	11.74	10.18	12.25	6.12	1.18	0.87	2.00	4.50	1.13	4.92	4	0.53	F12	E	17.00	12	7/8-9UNC	12	THRU	156
14"	350	17.24	3.73	12.90	11.95	14.50	7.75	1.38	0.39x0.39	2.00	6.50	1.42	4.92	4	0.53	F12	F	18.75	12	1-8UNC	16	THRU	228
16"	400	19.50	4.11	14.68	12.94	17.75	10.38	1.97	0.47x0.39	2.50	6.50	1.66	6.50	4	0.81	F16	G	21.25	16	1-8UNC	16	THRU	268
18"	450	21.38	4.61	16.60	14.15	20.00	10.38	1.97	0.47x0.39	2.50	6.50	1.86	6.50	4	0.81	F16	G	22.75	16	1-12-8UN	20	THRU	400
20"	500	23.62	5.03	18.50	15.26	22.75	10.38	2.50	0.62x0.62	4.00	6.50	2.06	6.50	4	0.81	F16	H	25.00	20	1-12-8UN	20	THRU	510
24"	600	27.96	6.00	22.50	18.21	25.00	15.38	3.00	0.75x0.75	4.00	11.75	2.44	10.00	8	0.67	F25	F25-2	29.50	20	1-25-8UN	20	THRU	1010



NOTES:  
 1. C DIM IS ABSOLUTE MINIMUM PIPE ID AT VALVE FACE (WITHOUT GASKET).  
 2. VALVE IS BI-DIRECTIONAL, FLOW SHOWN IS PREFERRED

Valve Size \_\_\_\_\_ Pressure Rating \_\_\_\_\_  
 Fig. Drilling \_\_\_\_\_  
 Customer/Project \_\_\_\_\_  
 Inq./P.O. No. \_\_\_\_\_  
 Bray Order No. \_\_\_\_\_  
 Certified Correct By \_\_\_\_\_ Date \_\_\_\_\_

DIMENSIONS (INCHES)  
 DOUBLE OFFSET BUTTERFLY VALVE  
 SERIES 41 ANSI CLASS 150  
 SIZES 2.5" - 24" BARE STEM

**Bray** CONTROLS  
 A Division of BRAY INTERNATIONAL, Inc.

SHEET 1 OF 1	REV. RFP
DRAWING NO. <b>ES11A-0789</b>	