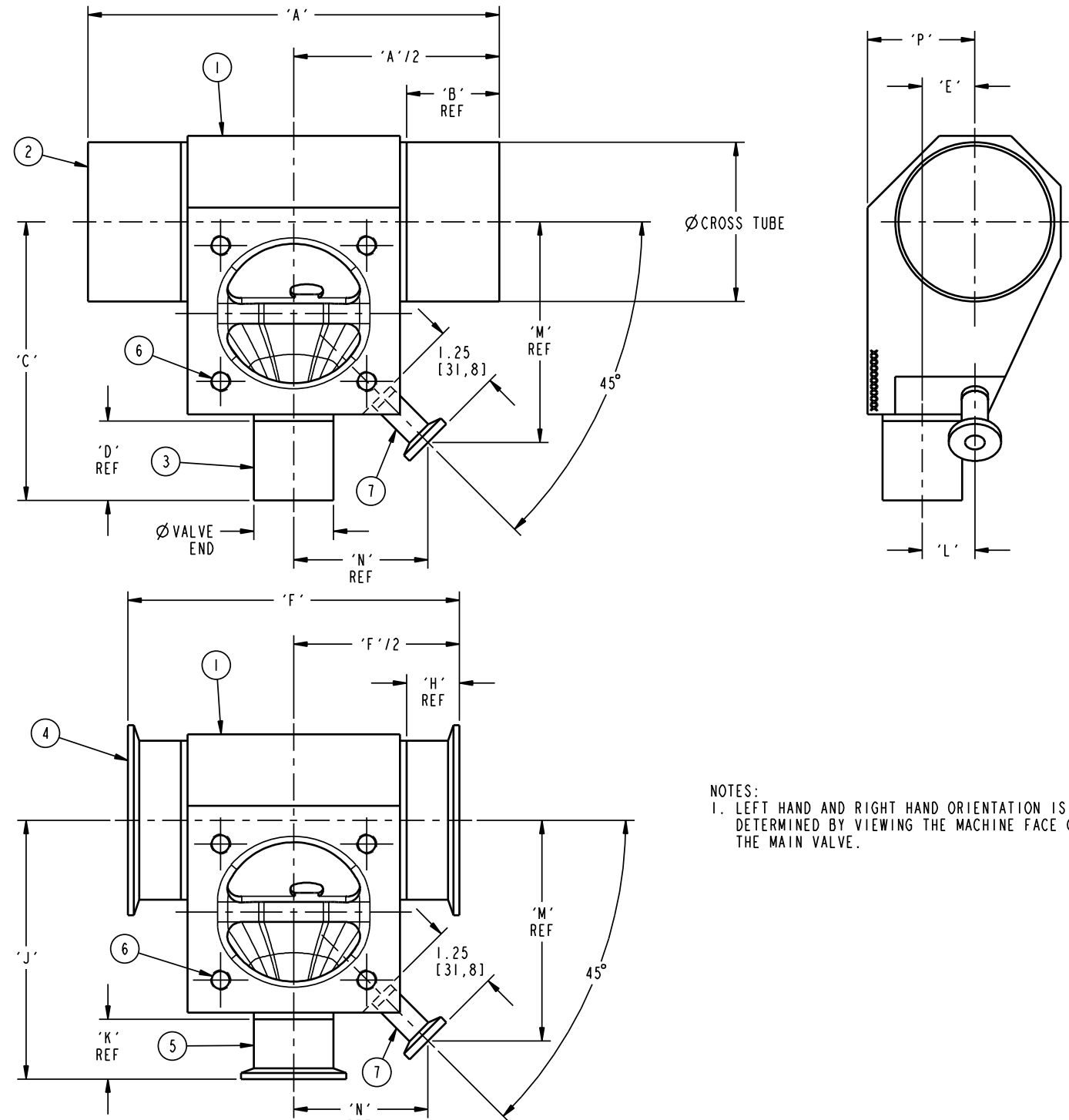


VALVE END	DIM'S	CROSS TUBE							
		0.75 [19,0]	1.00 [25,4]	1.50 [38,1]	2.00 [50,8]	2.50 [63,5]	3.00 [76,2]	4.00 [101,6]	
0.75 [DN20]	'A'	5.75 [146,0]	5.75 [146,0]	5.75 [146,0]	6.25 [158,8]	6.25 [158,8]	6.25 [158,8]	6.75 [171,4]	
	'B'	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.75 [44,4]	1.75 [44,4]	1.75 [44,4]	2.00 [50,8]	
	'C'	3.25 [82,6]	3.38 [85,9]	3.65 [92,7]	3.91 [99,3]	4.17 [105,9]	4.43 [112,5]	4.95 [125,7]	
	'D'	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	
	'E'	0.26 [6,6]	0.46 [11,7]	0.73 [18,5]	0.93 [23,6]	1.09 [27,7]	1.23 [31,2]	1.68 [42,7]	
	'F'	3.75 [95,2]	5.00 [127,0]	5.00 [127,0]	5.00 [127,0]	5.00 [127,0]	5.00 [127,0]	5.00 [127,0]	
	'H'	0.50 [12,7]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	
	'J'	2.25 [57,2]	2.38 [60,5]	2.65 [67,3]	2.91 [73,9]	3.17 [80,5]	3.43 [87,1]	3.95 [100,3]	
	'K'	0.50 [12,7]	0.50 [12,7]	0.50 [12,7]	0.50 [12,7]	0.50 [12,7]	0.50 [12,7]	0.50 [12,7]	
	'L'	0.47 [11,9]	0.58 [14,7]	0.53 [13,5]	0.88 [22,4]	1.18 [30,0]	1.62 [41,1]	2.40 [61,0]	
	'M'	2.19 [55,6]	2.32 [58,9]	2.59 [65,8]	2.84 [72,1]	3.09 [78,5]	3.34 [84,8]	3.83 [97,3]	
	'N'	1.75 [44,5]	1.74 [44,2]	1.75 [44,3]	1.76 [44,6]	1.76 [44,6]	1.78 [45,2]	1.80 [45,7]	
	'P'	0.70 [17,8]	0.89 [22,6]	1.17 [29,7]	1.36 [34,6]	1.53 [38,9]	1.67 [42,4]	2.11 [53,6]	
	1.00 [DN25]	'A'	6.14 [156,0]	6.14 [156,0]	6.64 [168,7]	6.64 [168,7]	6.64 [168,7]	7.14 [181,4]	
'B'		1.50 [38,1]	1.50 [38,1]	1.75 [44,4]	1.75 [44,4]	1.75 [44,4]	2.00 [50,8]		
'C'		3.63 [92,2]	3.90 [99,1]	4.16 [105,7]	4.42 [112,3]	4.68 [118,9]	5.19 [131,8]		
'D'		1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]		
'E'		0.28 [7,1]	0.59 [15,0]	0.81 [20,6]	0.98 [24,9]	1.15 [29,2]	1.44 [36,6]		
'F'		5.38 [136,7]	5.38 [136,7]	5.38 [136,7]	5.38 [136,7]	5.38 [136,7]	5.38 [136,7]		
'H'		1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]		
'J'		3.25 [82,6]	3.52 [89,4]	3.78 [96,0]	4.04 [102,6]	4.30 [109,2]	4.81 [122,2]		
'K'		1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]		
'L'		0.63 [16,0]	0.88 [22,4]	0.65 [16,5]	0.92 [23,4]	1.24 [31,5]	1.73 [43,9]		
'M'		2.52 [64,0]	2.78 [70,6]	3.05 [77,5]	3.31 [84,1]	3.56 [90,4]	4.05 [102,9]		
'N'		1.99 [50,5]	2.00 [50,8]	1.99 [50,5]	1.99 [50,5]	2.00 [50,8]	2.02 [51,3]		
'P'		0.96 [24,4]	1.26 [32,0]	1.48 [37,6]	1.65 [41,9]	1.82 [46,2]	2.11 [53,6]		
1.50 [DN40]		'A'	7.25 [184,2]	7.75 [196,8]	7.75 [196,8]	7.75 [196,8]	8.25 [209,6]		
	'B'	1.50 [38,1]	1.75 [44,4]	1.75 [44,4]	1.75 [44,4]	2.00 [50,8]			
	'C'	4.46 [113,3]	4.73 [120,1]	4.99 [126,7]	5.25 [133,4]	5.76 [146,3]			
	'D'	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]	1.50 [38,1]			
	'E'	0.23 [5,8]	0.55 [13,9]	0.79 [20,1]	0.99 [25,1]	1.32 [33,5]			
	'F'	6.25 [158,8]	6.25 [158,8]	6.25 [158,8]	6.25 [158,8]	6.25 [158,8]			
	'H'	1.00 [25,4]	1.00 [25,4]	1.00 [25,4]	1.00 [25,4]	1.00 [25,4]			
	'J'	4.08 [103,6]	4.35 [110,5]	4.61 [117,1]	4.87 [123,7]	5.38 [136,7]			
	'K'	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]			
	'L'	0.75 [19,0]	0.88 [22,4]	0.88 [22,4]	0.99 [25,1]	1.28 [32,5]			
	'M'	3.35 [85,1]	3.63 [92,2]	3.90 [99,1]	4.16 [105,7]	4.66 [118,4]			
	'N'	2.54 [64,5]	2.54 [64,5]	2.53 [64,3]	2.53 [64,3]	2.54 [64,5]			
	'P'	1.26 [32,0]	1.58 [40,1]	1.82 [46,2]	2.02 [51,3]	2.35 [59,7]			
	2.00 [DN50]	'A'	8.75 [222,2]	8.75 [222,2]	8.75 [222,2]	9.25 [235,0]			
'B'		1.75 [44,4]	1.75 [44,4]	1.75 [44,4]	2.00 [50,8]				
'C'		5.28 [134,1]	5.55 [141,0]	5.82 [147,8]	6.32 [160,5]				
'D'		1.75 [44,4]	1.75 [44,4]	1.75 [44,4]	1.75 [44,4]				
'E'		0.28 [7,1]	0.59 [15,0]	0.83 [21,1]	1.21 [30,7]				
'F'		7.00 [177,8]	7.00 [177,8]	7.00 [177,8]	7.00 [177,8]				
'H'		0.88 [22,4]	0.88 [22,4]	0.88 [22,4]	0.88 [22,4]				
'J'		4.66 [118,4]	4.93 [125,2]	5.19 [131,8]	5.70 [144,8]				
'K'		1.12 [28,4]	1.12 [28,4]	1.12 [28,4]	1.12 [28,4]				
'L'		0.97 [24,6]	1.00 [25,4]	1.03 [26,2]	1.01 [25,7]				
'M'		3.93 [99,8]	4.20 [106,7]	4.47 [113,5]	4.99 [126,7]				
'N'		3.05 [77,5]	3.04 [77,2]	3.03 [77,0]	3.02 [76,7]				
'P'		1.60 [40,6]	1.92 [48,8]	2.15 [54,6]	2.54 [64,5]				

LIST OF MAJOR COMPONENTS			
ITEM	DESCRIPTION	MATERIAL	QTY
1	BODY-ZSBBS	SS 316L	1
2	TUBING-CROSS TUBE END 16	SS 316L	AR
3	TUBING-VALVE END 16G	SS 316L	1
4	FERRULE-CROSS TUBE END TC	SS 316L	AR
5	FERRULE-VALVE END TC	SS 316L	1
6	STUD		4
7	FERRULE-SAMPLE PORT END TC 00.50 x 01.12	SS 316L	1
	FERRULE-REDUCING SAMPLE PORT END TC 00.50 x 01.12	SS 316L	1



RIGHT HAND ORIENTATION SHOWN
SEE NOTE 1

NOTES:
1. LEFT HAND AND RIGHT HAND ORIENTATION IS DETERMINED BY VIEWING THE MACHINE FACE OF THE MAIN VALVE.

P1 P2 P3 P4
PURE-FLO ORDER: _____ ITEM: _____
CUSTOMER: _____
CUSTOMER PO: _____
OTHER INFO: _____
ISSUED BY: _____ CERTIFIED BY: _____

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THIRD ANGLE PROJECTION
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE NOTED
INCH MM
X: ±0.06 ±0.15
XX: ±0.06 ±0.15
XXX: ±0.02 ±0.05
1/2: ±0.01 ±0.02
1/16: ±0.005 ±0.01

DATE	BY	STANDARDS-ZSBBS
11/11/04	JWP	WEIR 00.75 - 02.00
11/11/04	JRD	
11/11/04	JRD	

WT: - ECN# 8555 MASTER DWG 008731

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SHEET 1 OF 1