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REPRODUCTION IN PART OR AS A WHOLE  
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<INSERT COMPANY NAME HERE> IS  
PROHIBITED.

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	Mr3D Computer Graphics		
		DIMENSIONS ARE IN INCHES	DRAWN			TITLE: Six 4 Inch Deluge Valve Manifold System		
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE B DWG. NO. Isometric View REV		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING				SCALE:None WEIGHT: SHEET 3 OF 5		

8		7		6		5		4		3		2		1	
ITEM NO.		PART NUMBER		DESCRIPTION		QTY.		ITEM NO.		PART NUMBER		DESCRIPTION		QTY.	
1		8 inch Flange Fig 10 Vertical Run				2		19		4in Body HyGI150A STD_Default 150 FLAT FACE				6	
2		4 inch Flange Fig 10 Vertical Run				6		20		.750 NPT PIPE PLUG (67660)_MONEL				30	
3		8 inch x 4 inch Flange Olet Red Tee Run				6		21		.375 NPT X .750 NPT X46A Flow Clean Strainer Straight (25985)_303 SST BODY + 316 SST SCREEN				6	
4		4 inch Flange Gasket 150# FF Neoprene				54		22		BUSHING, PIPE, HEX .750 NPT X .375 NPT_303 SST				6	
5		User Library-NIBCO BFV 4IN LC-2000-3_Imported				18		23		NIPPLE .375 NPT SCH 40 Brass (67587)_1.50				6	
6		User Library-NIBCO BFV 4IN LC-2000-3_Imported1				18		24		NIPPLE .375 NPT SCH 40 Brass (67587)_Default close 1.00				12	
7		User Library-NIBCO BFV 4IN LC-2000-3_Imported2				18		25		Tee Pipe .375 NPT (67863)_Default BRONZE				12	
8		.625 x 4 inch Stud Bolt				144		26		3E 100-01, Hytrol Assy (no plugs)_BRASS				6	
9		Preferred Narrow FW 0.625				576		27		NIPPLE .125 NPT (67585)_2.5 67585-04C				6	
10		HHNUT 0.6250-11-B-N				576		28		CS3SM (75060-69K)				6	
11		4 inch x 2 Flanges Fig 15 Vertical Run				6		29		X58C Restriction Assy 38T-38P Brass (RED)_BRASS wthi DELRIN PLUG				6	
12		4 inch Flanged Strait Tee				6		30		Elbow 90d, Tube Fitting .375 Tube x .250 NPT Male (67300)_BRASS				12	
13		4 inch Flange Fig 10 Vertical Run				18		31		Elbow 90d, Tube Fitting .375 Tube x .375 NPT Male (67300)_BRASS				12	
14		4 inch Horizontal Pipe Run 12.375 inches				6									
15		4 inch 90 Deg Long Rad Elbow				6									
16		4 inch Vertical Pipe Run 23.875 inches				6									
17		Bolt .750-10 UNC (67609)_2 67609-05H				48									
18		4in Cover (no core)_Default DI				6									
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8		7		6		5		4		3		2		1	



D	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
	32	Elbow 90d, Tube Fitting .250 Tube x .125 NPT Male (67300)_BRASS		12
	33	Tube 2 (4in 134-05)		6
	34	Tube 3 (4in 134-05)		6
	35	Tube 1 (4in 134-05)		6
	36	BUSHING, PIPE, HEX .375 NPT X .25 NPT_BRASS OR BRZ		6
	37	Tube 4 (4in 134-05)		6
	38	2.0 NPT SQ HD PIPE PLUG (67660)_316 SST		12
	39	Nameplate-Inlet C9372 (For Non-Planar)_4 OD Flange (C9372-45D)		6
	40	Nameplate Screw 67999_For assy		12
	41	.625 x 4 inch Stud Bolt F to F		144
	42	6 inch Flange Fig 10 Horizontal Run Left		1
	43	6 inch Horizontal Pup 6 inches Long		2
	44	6 inch x 4 inch Flange Olet Red Tee		6
	45	6 inch Horizontal Pup 8 inches Long		5
	46	6 inch Flange Fig 10 Horizontal Run Right		1
	47	Control Station Manifold Skid Base		1
48	Control Station Manifold Skid Base Riser		1	

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				INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE B    DWG. NO. Bill of Material Sheet 2    REV		
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