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Notes:
1) Material: 316SS
2) Location, depth and type of lettering annotations unimportant, letter case is important. Approximate size and locations shown.
3) Break sharp external edges

Sun Hydraulics T-11A Cavity
Locating Shoulder depth = 1.000
(X2)

SAE J1926
9/16-18

SAE J1926
7/16-20

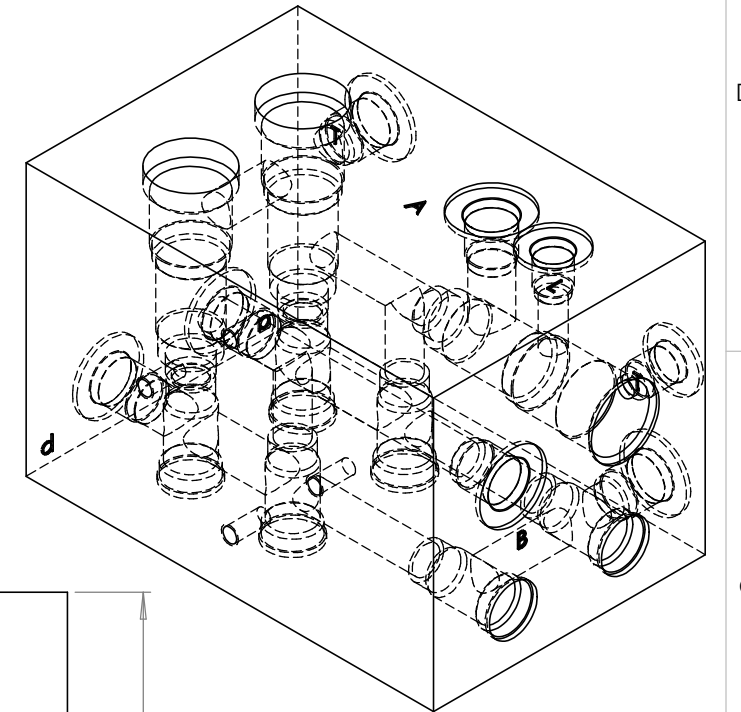
SAE J1926
9/16-18

Sun Hydraulics T-21A Cavity
Locating Shoulder depth = 1.250

Sun Hydraulics T-162A Cavity
Locating Shoulder depth = 0.062
(X2)

Sun Hydraulics T-162A Cavity
Locating Shoulder depth = 0.062
(X4)

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Added Section View D-D	12/11/17	
B	Added 2 Relief Valves	1/28/18	

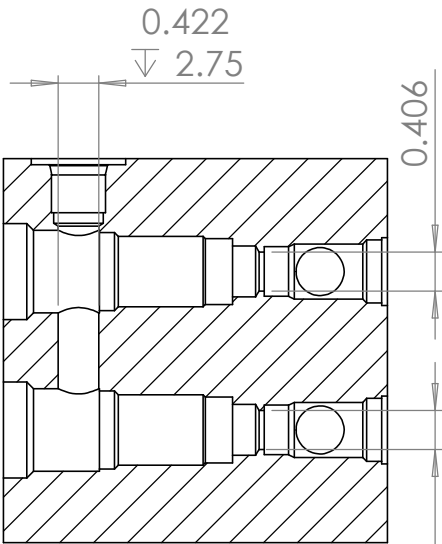


BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	APPROVALS
Inspector		1 PLACE DIM ±.1/16	DATE
Shop Foreman		2 PLACE DIM ±.02	DRAWN JAH 12/4/17
Engineer		3 PLACE DIM ±.005	ENGINEER JAH 12/4/17
		ANGLES ±1°	CHECKED
NEXT ASSY Description	NEXT ASSY Number	1. DIMENSIONS ARE IN INCHES	PROJECT NO. 9011101
		2. DIMENSION LIMITS HELD AFTER PLATING.	PROJECT Ocean Imaging
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.	
		4. MACHINED FILLET RADII .0150-.030.	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.	
Application		DO NOT SCALE DRAWING	WEIGHT
		Monterey Bay Aquarium Research Institute	
		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		PressureReducingManifoldRevB	
		SIZE B	REV. B
		DWG. NO. 100221208	
		SCALE 1:2	CAD FILE: MECH ENG ON TORNADO
		SHEET 1 OF 3	

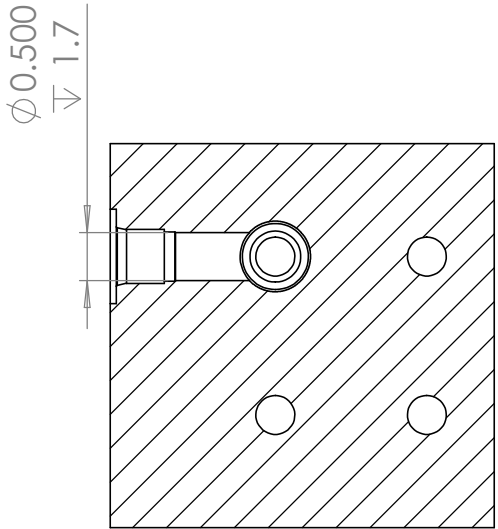
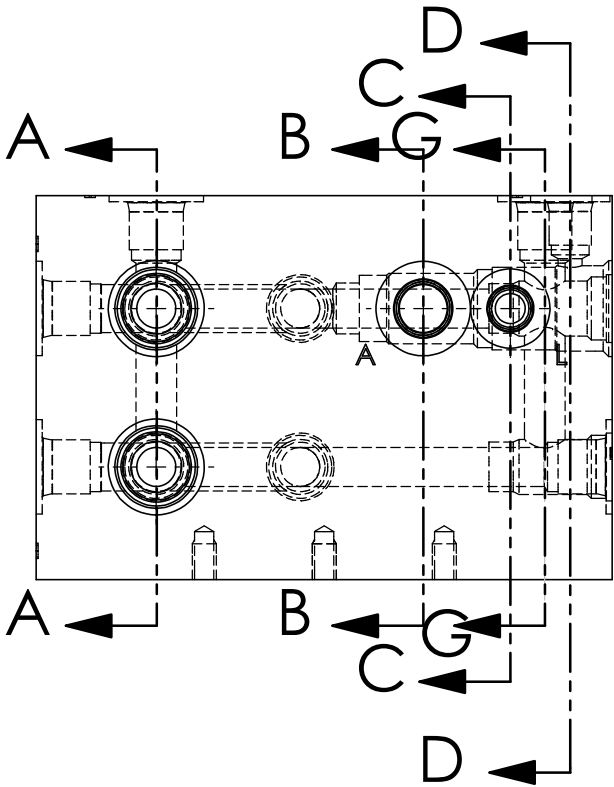
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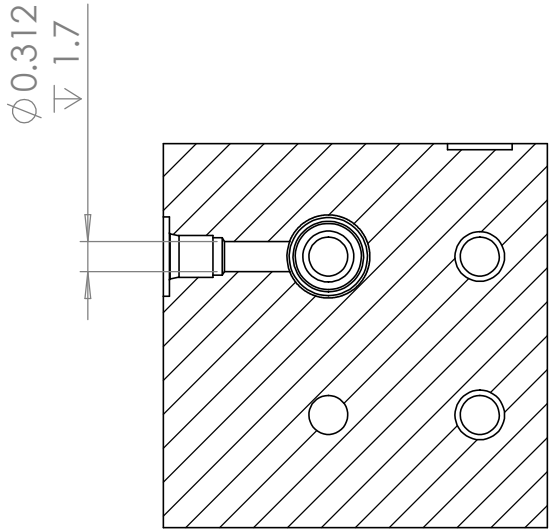
Top View



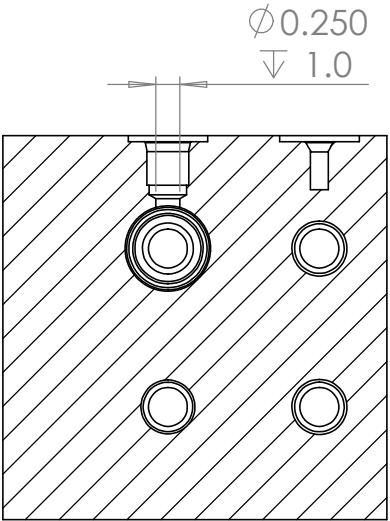
SECTION A-A



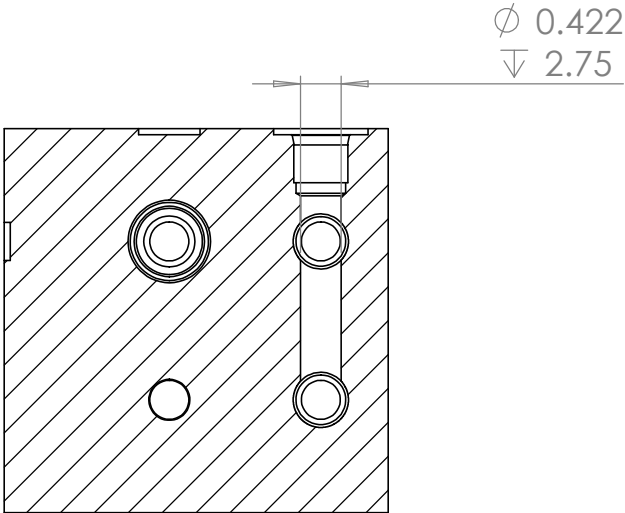
SECTION B-B



SECTION C-C



SECTION D-D

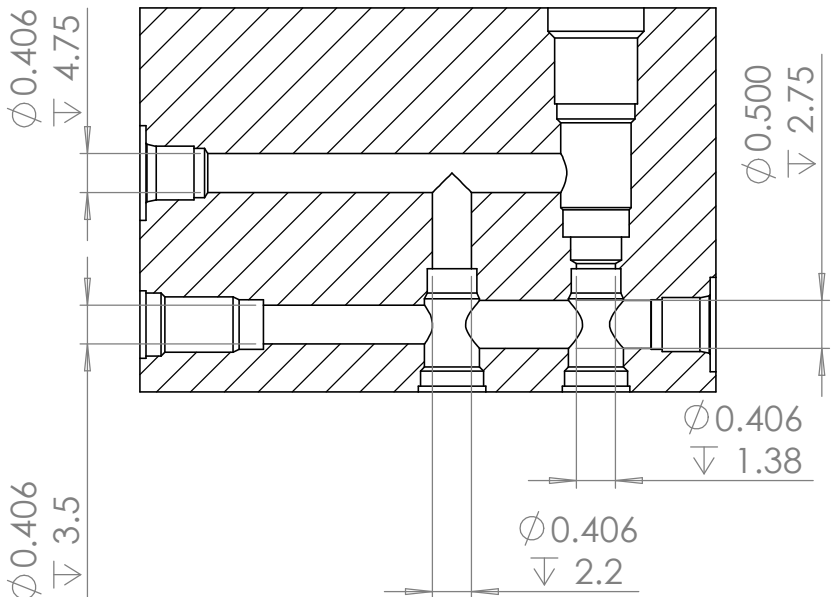


SECTION G-G

BILL OF MATERIALS													
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	JAH	12/4/17					
Shop Foreman		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILLET RADII .0150-.030. 5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				ENGINEER	JAH	12/4/17					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.		9011101		PressureReducingManifoldRevB			
						PROJECT		Ocean Imaging					
Application		DO NOT SCALE DRAWING				WEIGHT				SIZE B	DWG. NO.	100221208	REV. A
		3				2				SCALE 1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 3	1

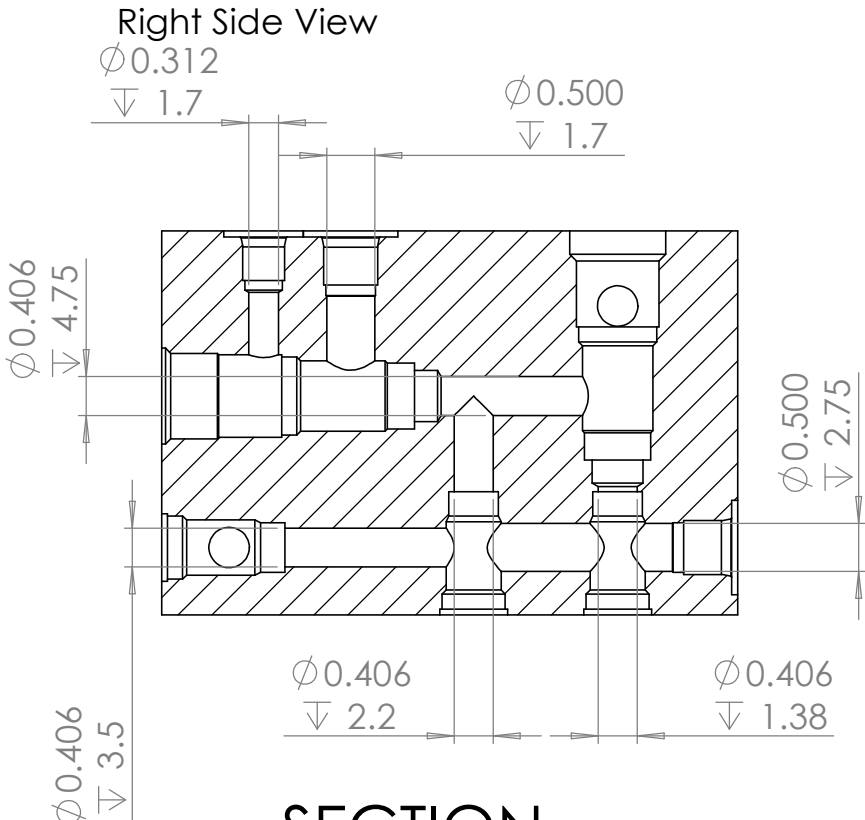
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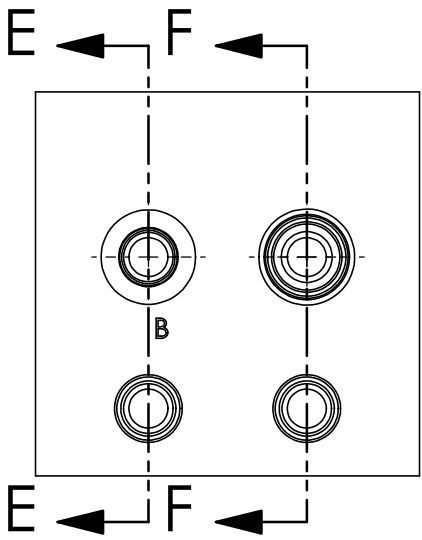
SECTION E-E

New bore in Rev B



SECTION F-F

New bore in Rev B



BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	JAH	12/4/17	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 
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Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	9011101		
						PROJECT	Ocean Imaging		
Application		DO NOT SCALE DRAWING				WEIGHT		PressureReducingManifoldRevB	
						SIZE B	DWG. NO. 100221208		REV. A
						SCALE 1:2	CAD FILE: MECH ENG ON TORNADO		SHEET 3 OF 3

Monterey Bay Aquarium Research Institute
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PressureReducingManifoldRevB