

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

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)

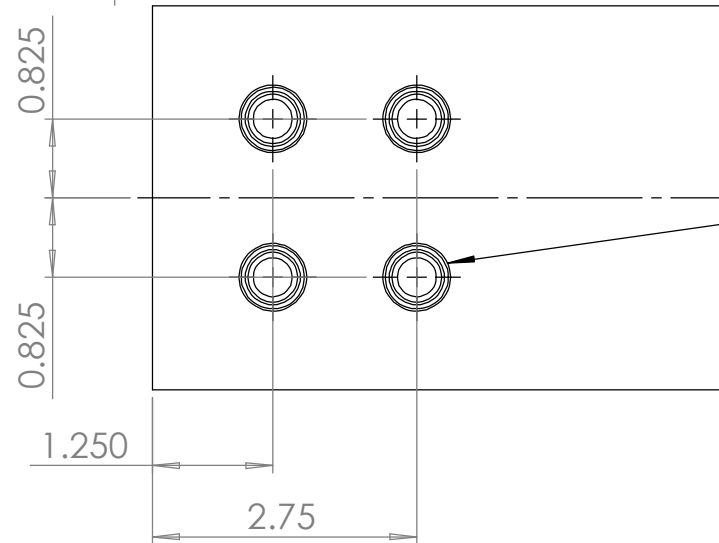
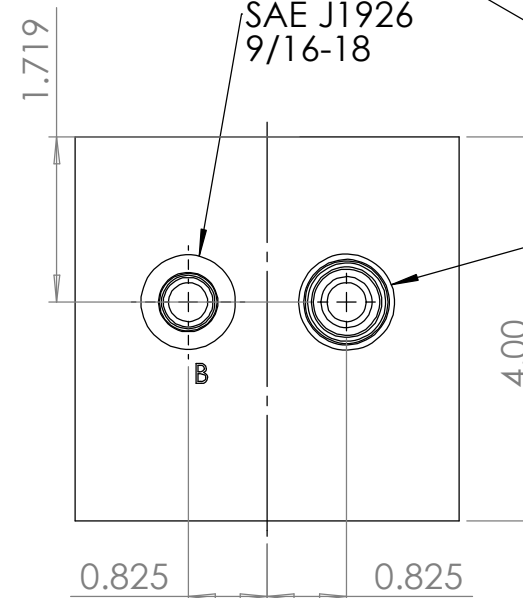
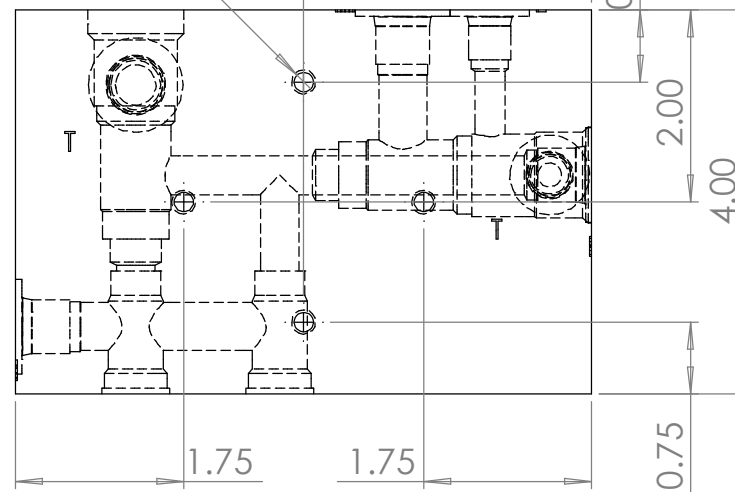
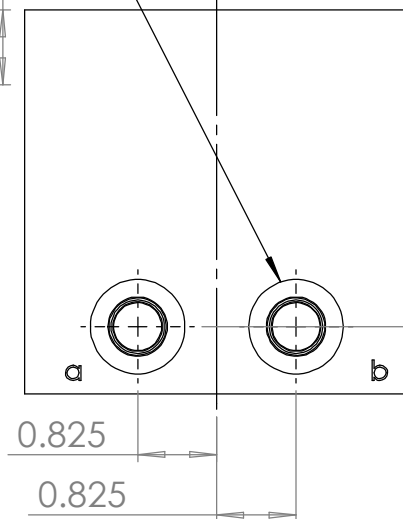
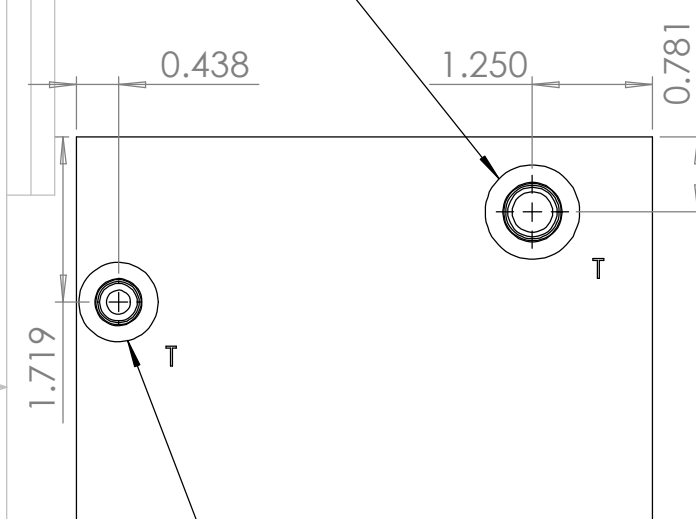
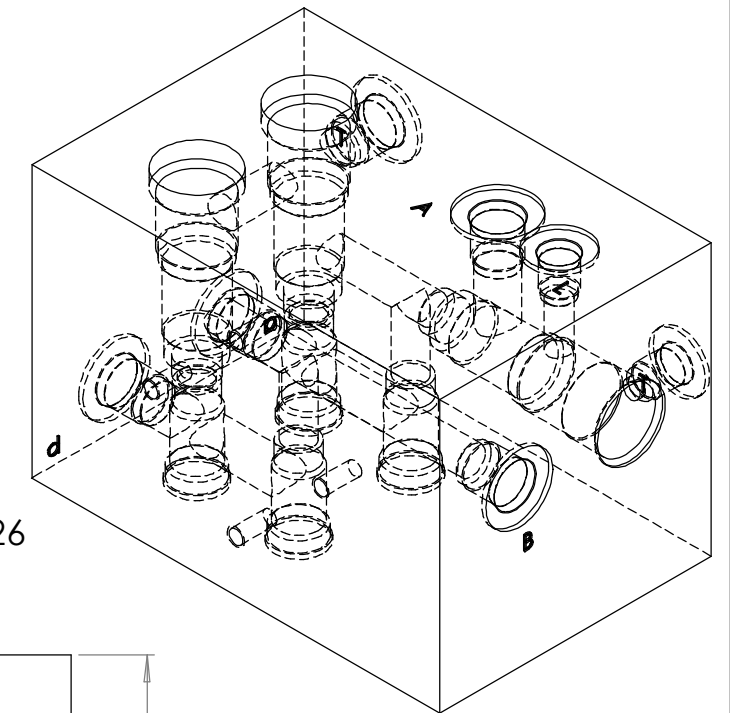
SAE J1926
9/16-18

SAE J1926
7/16-20

SAE J1926
9/16-18

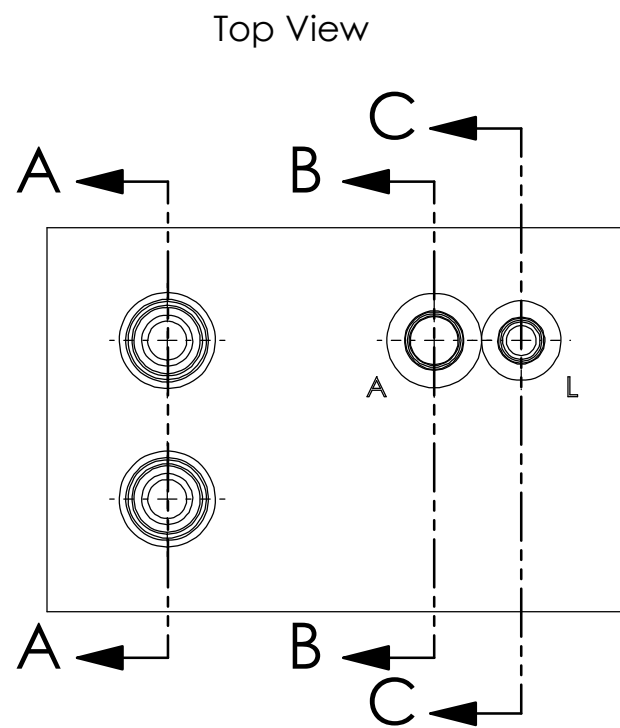
Sun Hydraulics T-21A Cavity
Locating Shoulder depth = 1.250

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

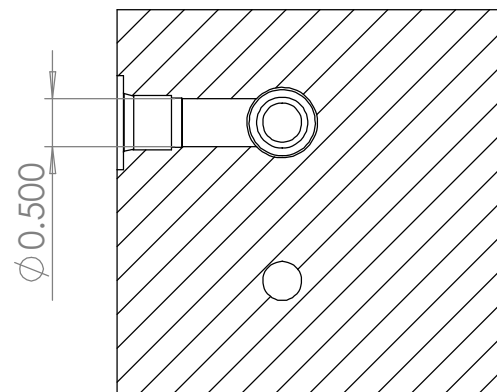


BILL OF MATERIALS

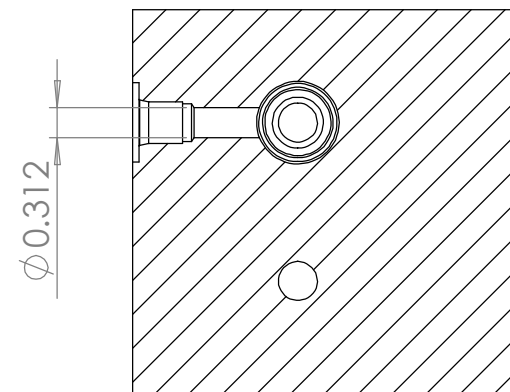
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	JAH 12/4/17	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700		
Shop Foreman		1. DIMENSIONS 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.	901101	PressureReducingManifold		
						PROJECT	Ocean Imaging			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 100221208	REV.
								SCALE 1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3



SECTION A-A



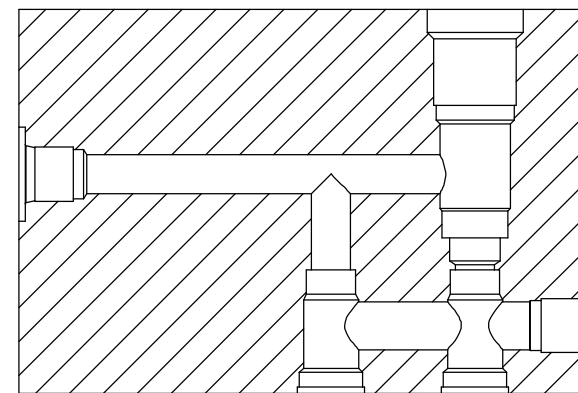
SECTION B-B



SECTION C-C

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.			ENGINEER JAH	12/4/17				
Engineer					PROJECT NO. 901101					
NEXT ASSY Description	NEXT ASSY Number	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.			PROJECT Ocean Imaging	PressureReducingManifold SIZE B DWG. NO. 100221208			REV.	
Application					DO NOT SCALE DRAWING					WEIGHT
					SCALE	1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 2	OF 3	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



SECTION D-D

Shop / Q.C. Inspector Shop Foreman Engineer NEXT ASSY Description NEXT ASSY Number Application										UNLESS OTHERWISE SPECIFIED TOLERANCES ARE: 1 PLACE DIM ±1/16 2 PLACE DIM ±.02 3 PLACE DIM ±.005 ANGLES ±1° 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. DO NOT SCALE DRAWING				BILL OF MATERIALS APPROVALS DATE DRAWN JAH 12/4/17 ENGINEER JAH 12/4/17 CHECKED PROJECT NO. 901101 PROJECT Ocean Imaging WEIGHT		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700  PressureReducingManifold SIZE B DWG. NO. 100221208 REV. SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 3 OF 3					
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