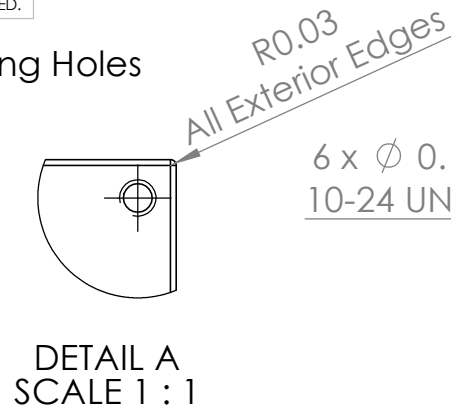
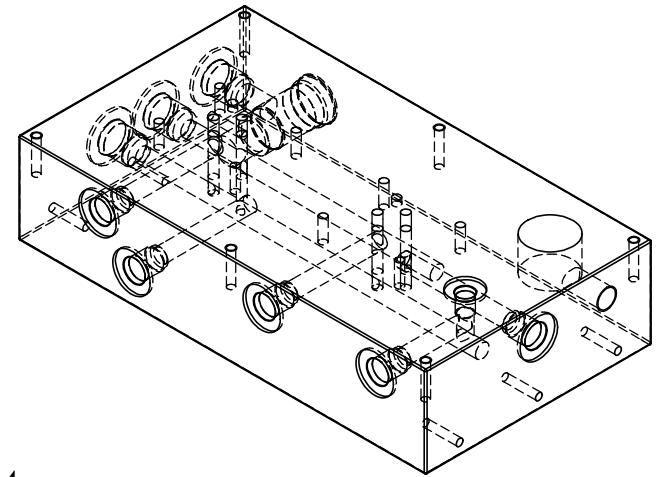
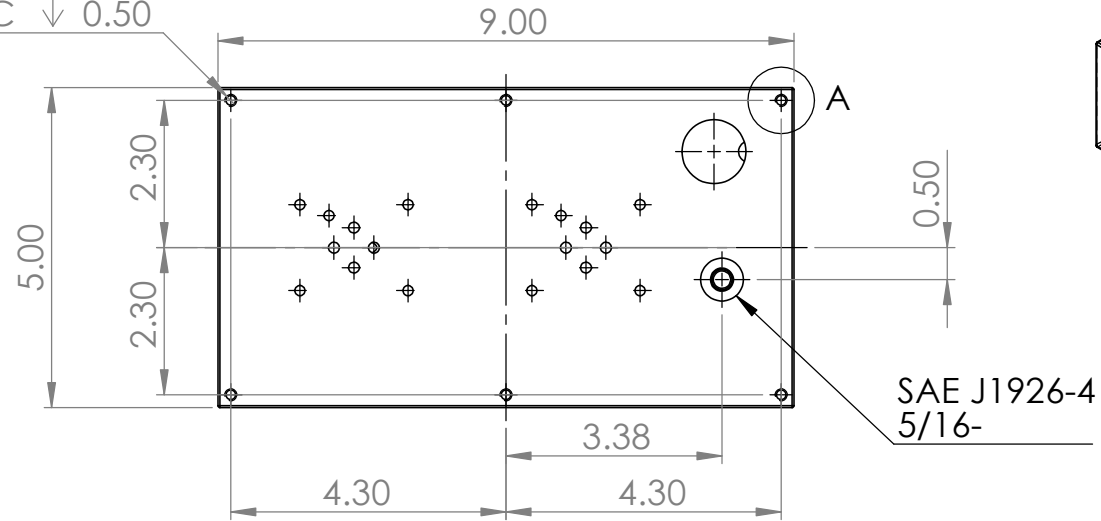


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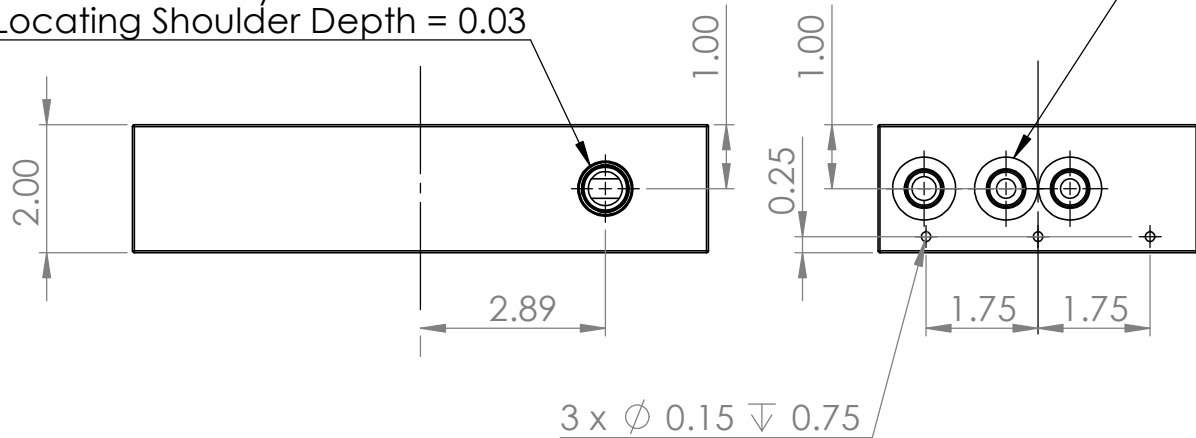
Sheet 1: External Ports, Cavities, Mounting Holes



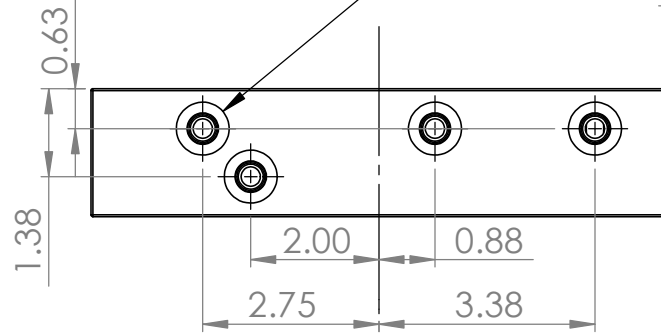
6 x ϕ 0.15 ∇ 0.75
10-24 UNC ∇ 0.50



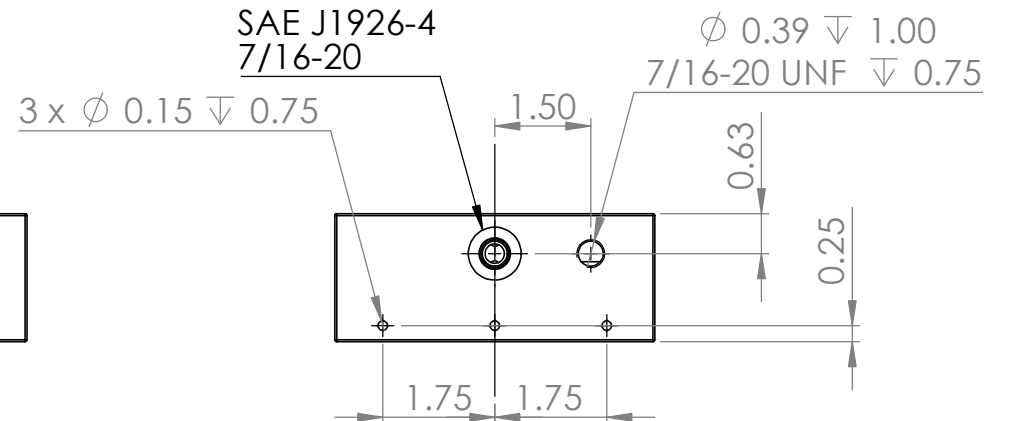
Sun T-13A Cavity
Locating Shoulder Depth = 0.03



SAE J1926-4
7/16-20 (X3)



SAE J1926-4
7/16-20 (X4)



7) Material 6061Al - T6

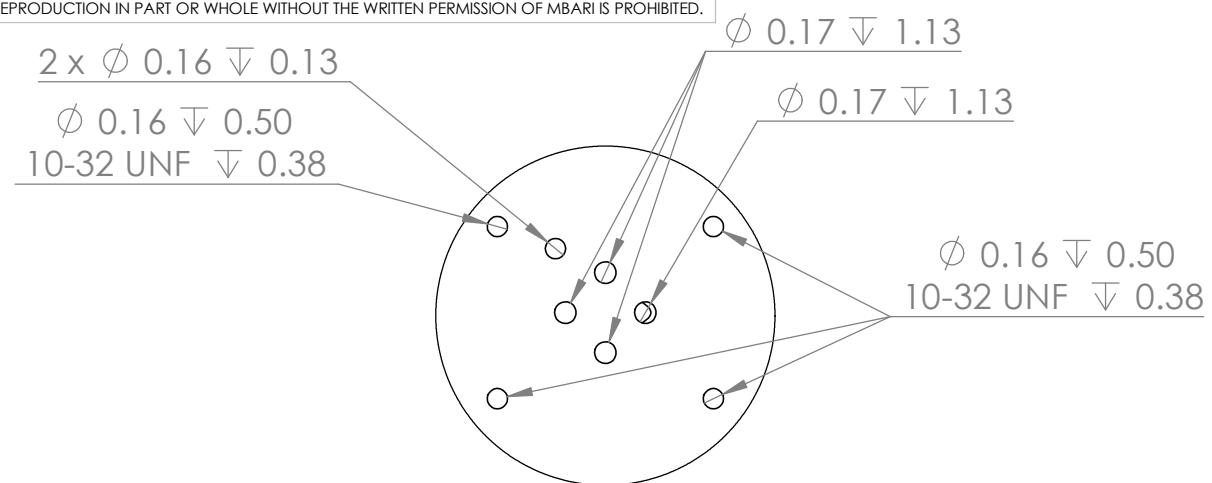
8) Finish: Hard Black Anodize in Accordance with MIL-A-8625F Type III (0.001 Thick)
Teflon Seal Coat. Mask as shown on Sheet 3.

Sheet 1: External Ports, Cavities, Mounting Holes
Sheet 2: Internal Ports

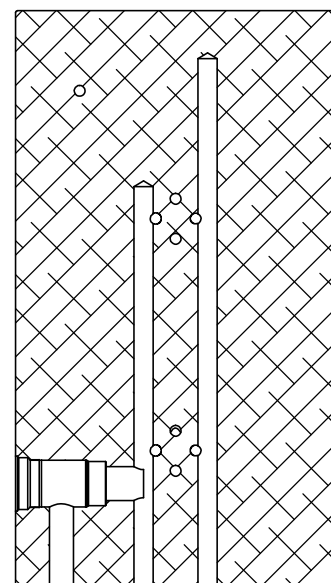
BILL OF MATERIALS

Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN	NAME	9/27/00	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	NAME	9/27/00		
Engineer						CHECKED				
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	XXX			
						PROJECT	ZZZZZZZZ		S02 - Manifold	
Application		DO NOT SCALE DRAWING				WEIGHT			SIZE B	DWG. NO. 100XXWDWG - S02
									SCALE 1:2	CAD FILE: MECH ENG ON TORNADO
										SHEET 1 OF 4

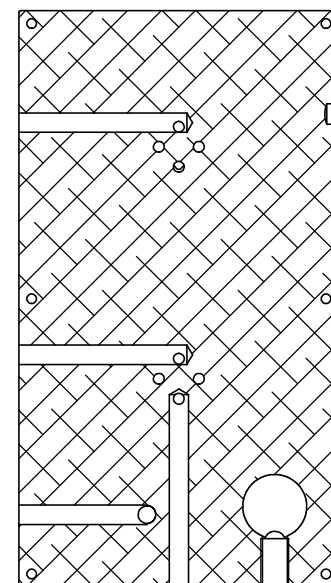
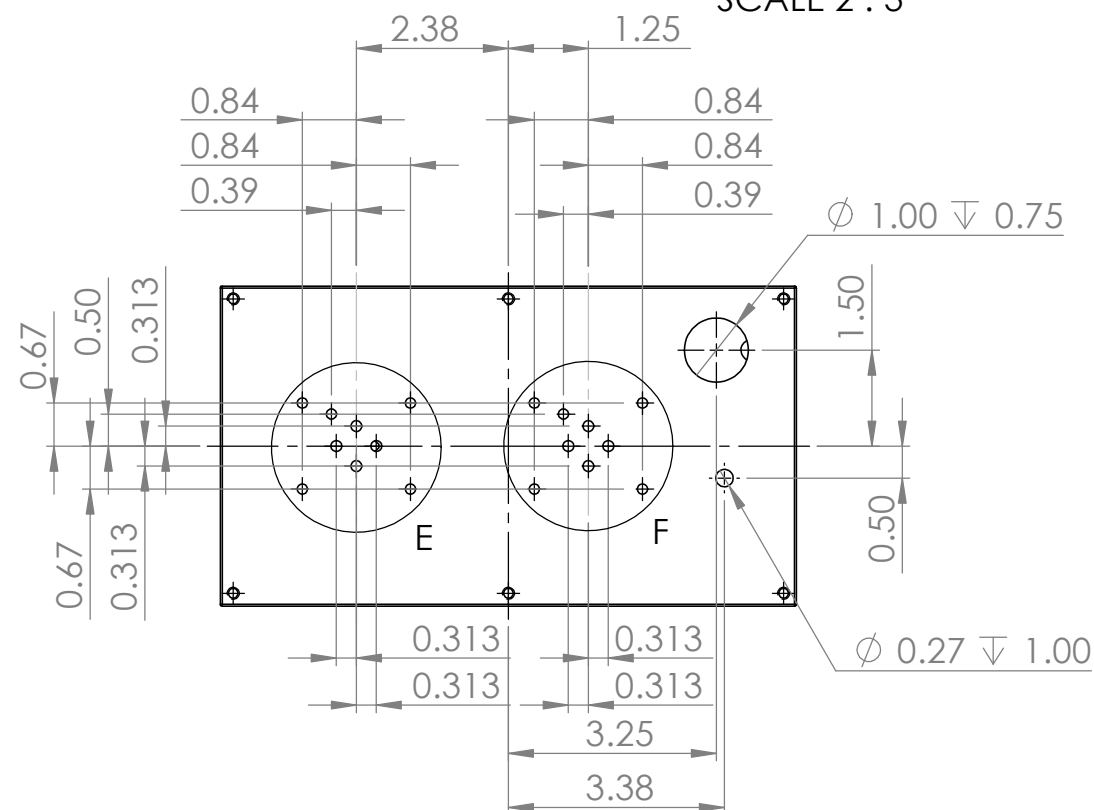
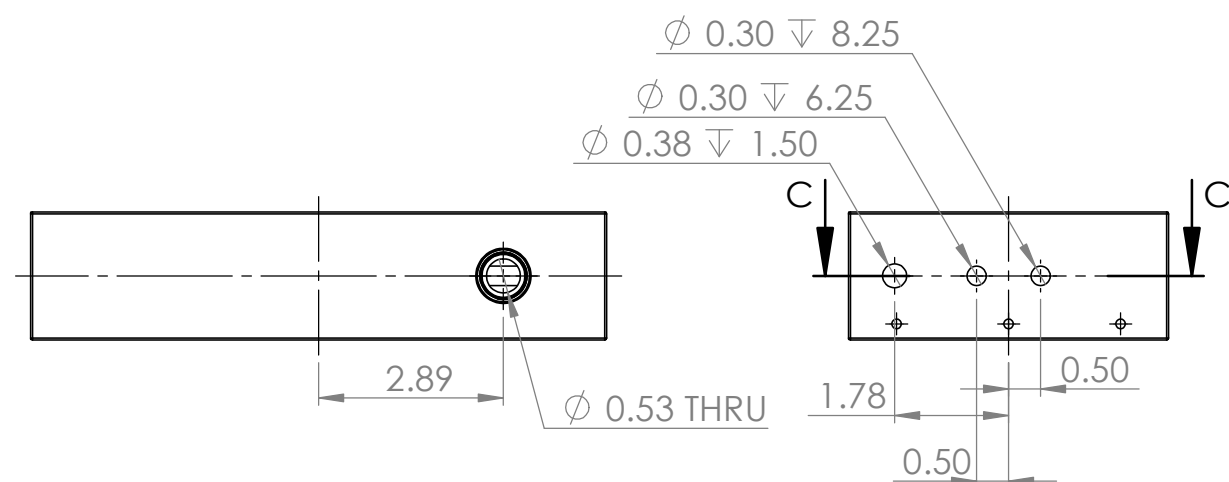
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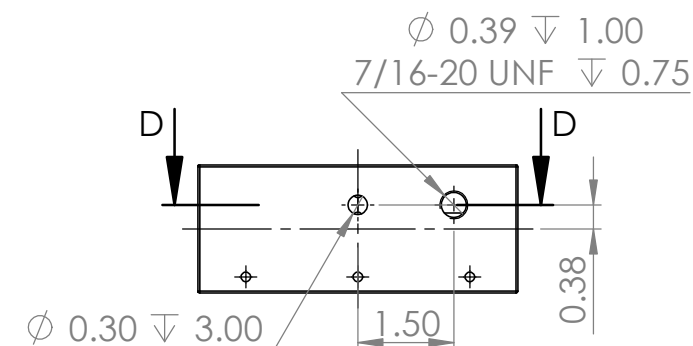
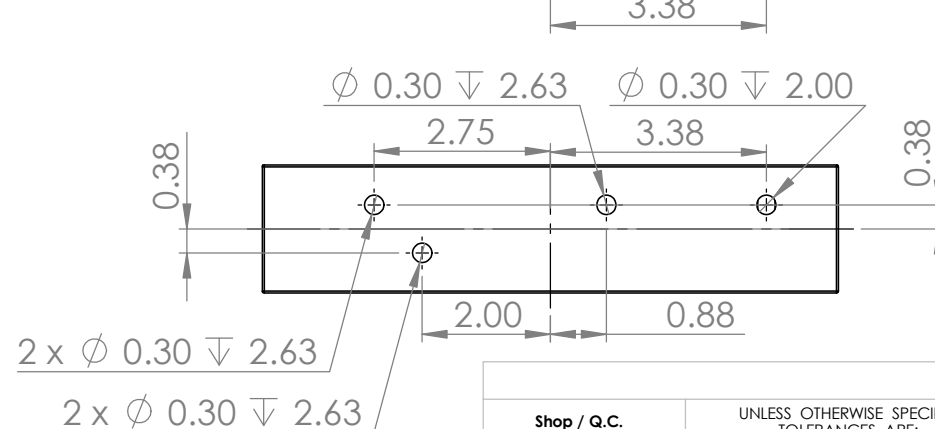
DETAIL E
SCALE 2 : 3



SECTION C-C
SCALE 1 : 3



SECTION D-D
SCALE 1 : 3



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	NAME	9/27/00			
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	NAME	9/27/00			
Engineer						CHECKED					
						PROJECT NO.	XXX				
NEXT ASSY Description	NEXT ASSY Number					PROJECT	ZZZZZZZZ	S02 - Manifold			
						SIZE B	DWG. NO.	REV.			
						100XXXDWG - S02					
Application		DO NOT SCALE DRAWING				WEIGHT		SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 4			