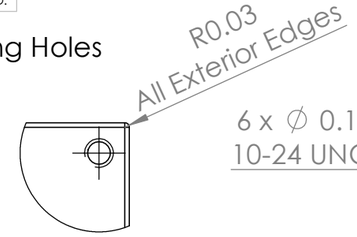
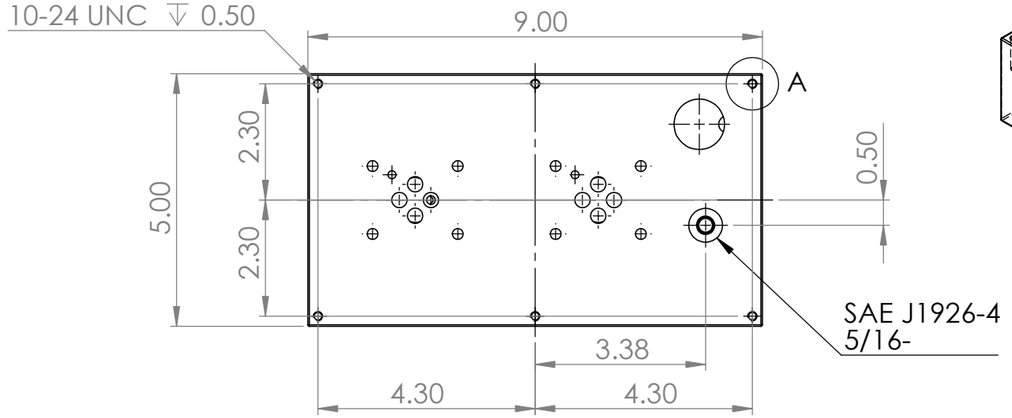
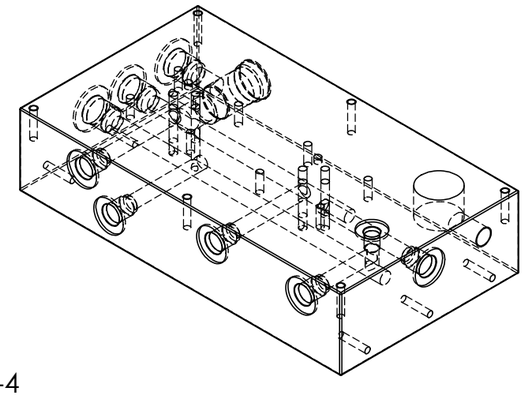
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

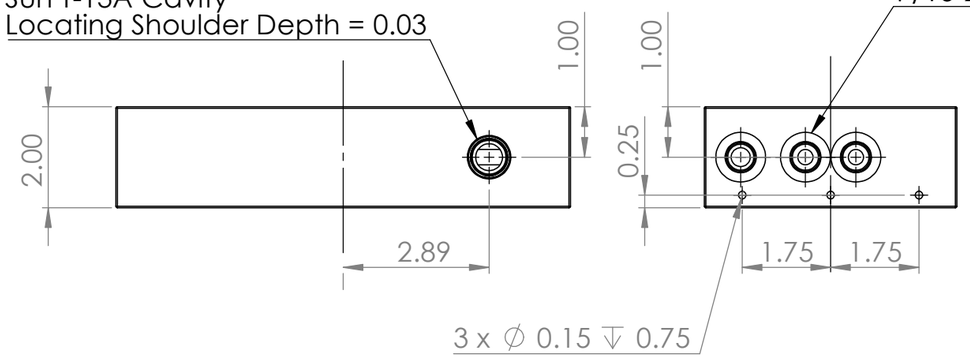
Sheet 1: External Ports, Cavities, Mounting Holes

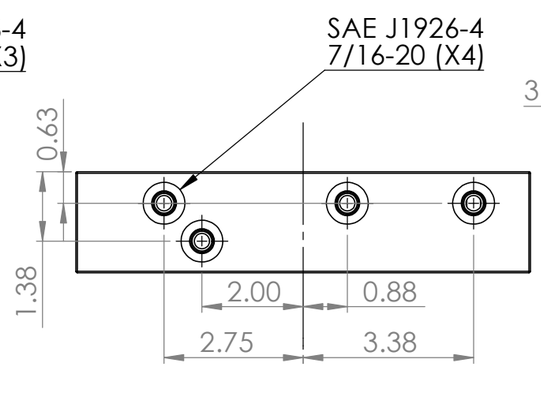


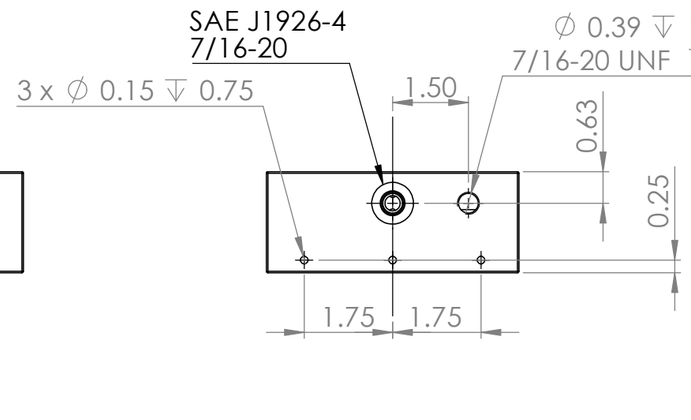
DETAIL A
SCALE 1 : 1











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
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		ENGINEER NAME	9/27/00
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. XXX	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	

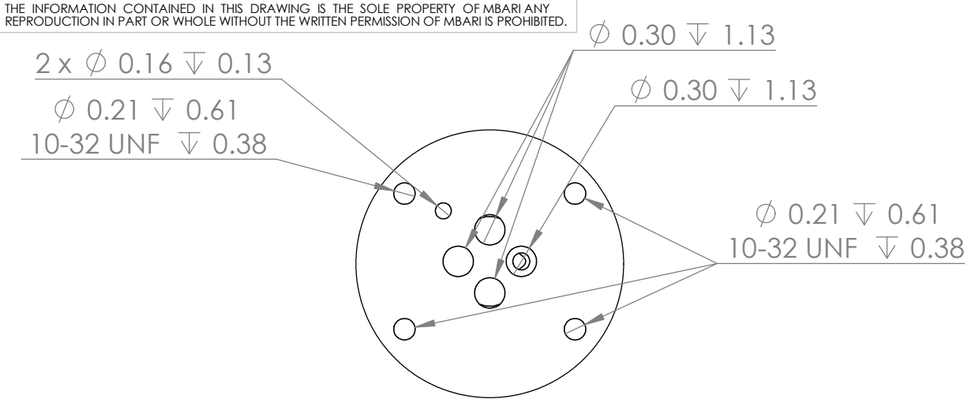
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

S03 - Manifold

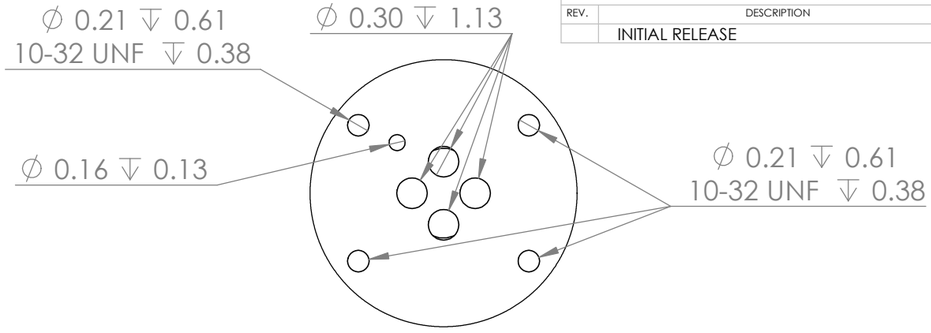
SIZE	DWG. NO.	REV.
B	100XXXDWG - S03	

SCALE 1:2 | CAD FILE: MECH ENG ON TORNADO | SHEET 3 OF 4

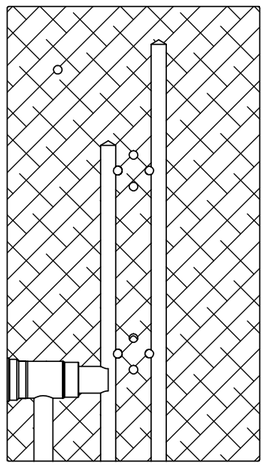
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



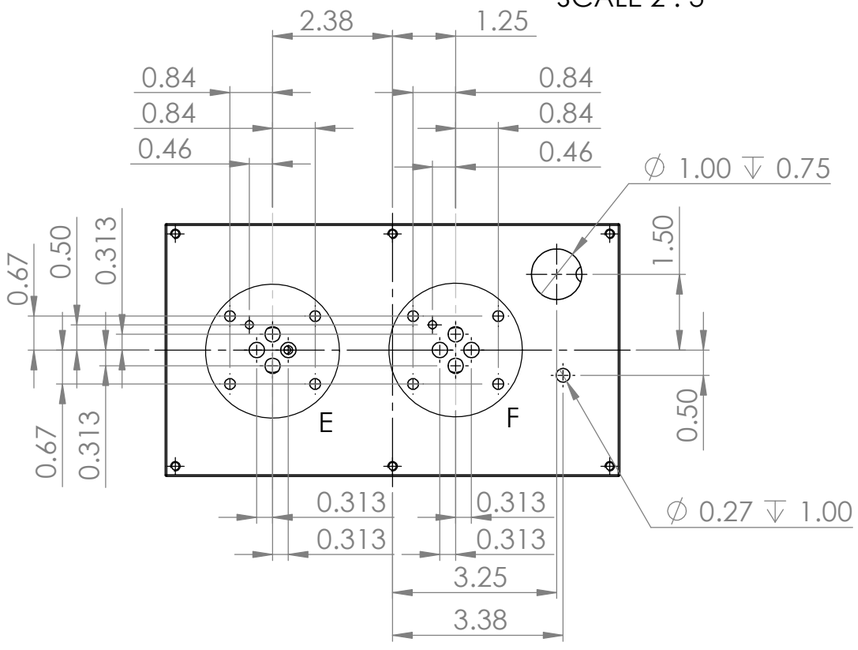
DETAIL E
SCALE 2 : 3

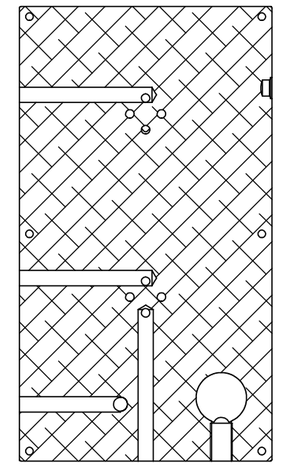


DETAIL F
SCALE 2 : 3

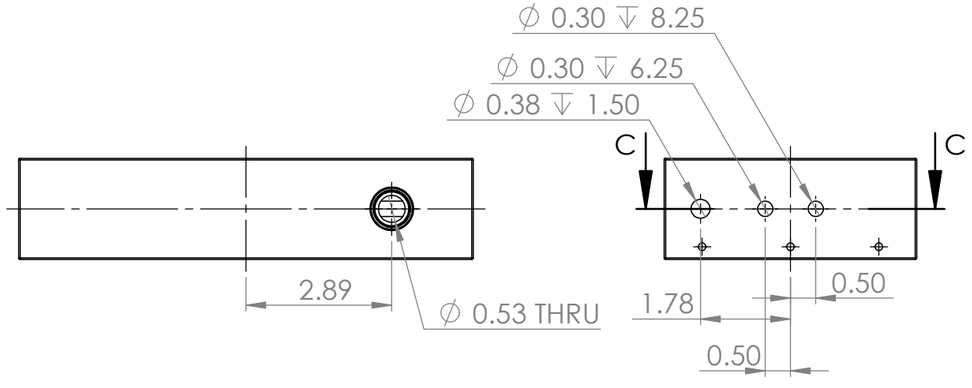


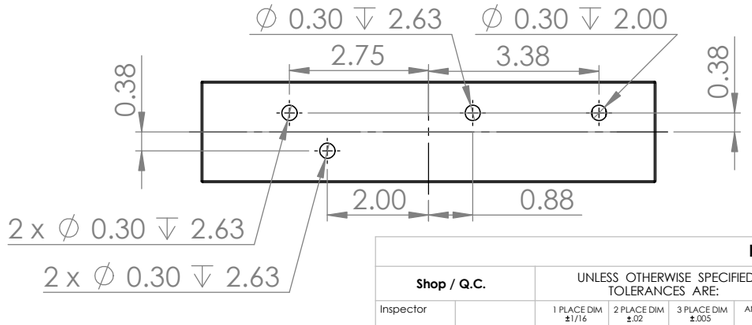
SECTION C-C
SCALE 1 : 3

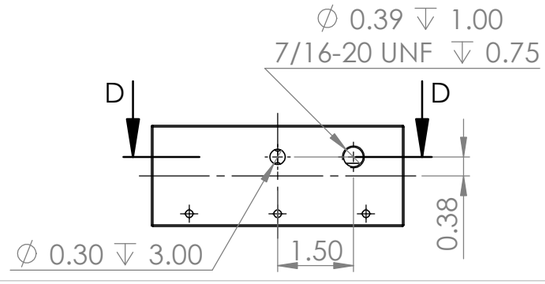




SECTION D-D
SCALE 1 : 3







Sheet 2: Internal Ports

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 NAME	9/27/00
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER NAME	9/27/00
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. XXX	
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				PROJECT ZZZZZZZZ	
		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	

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S03 - Manifold

SIZE	DWG. NO.	REV.
B	100XXXDWG - S03	
SCALE 1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 4 OF 4