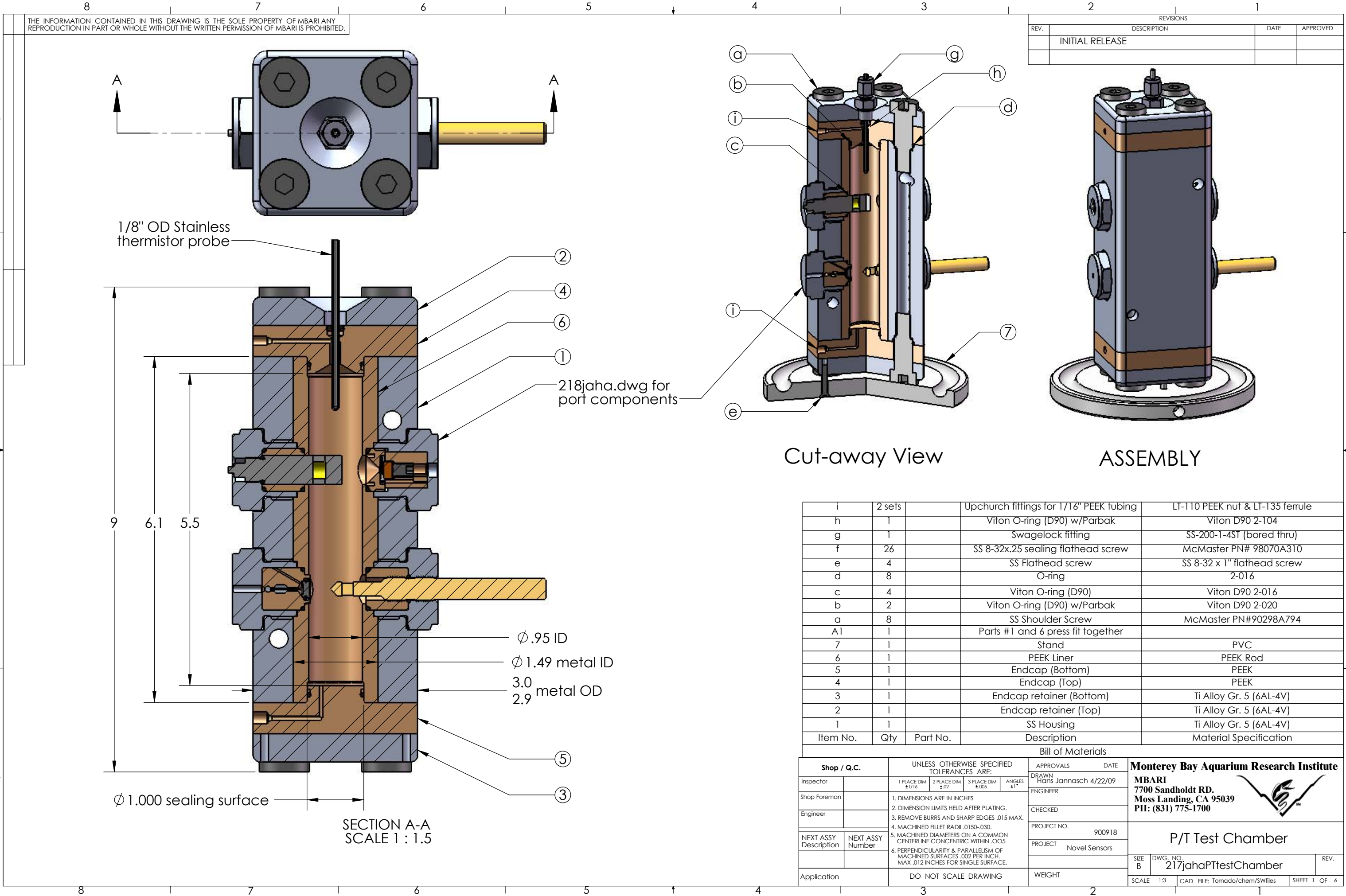
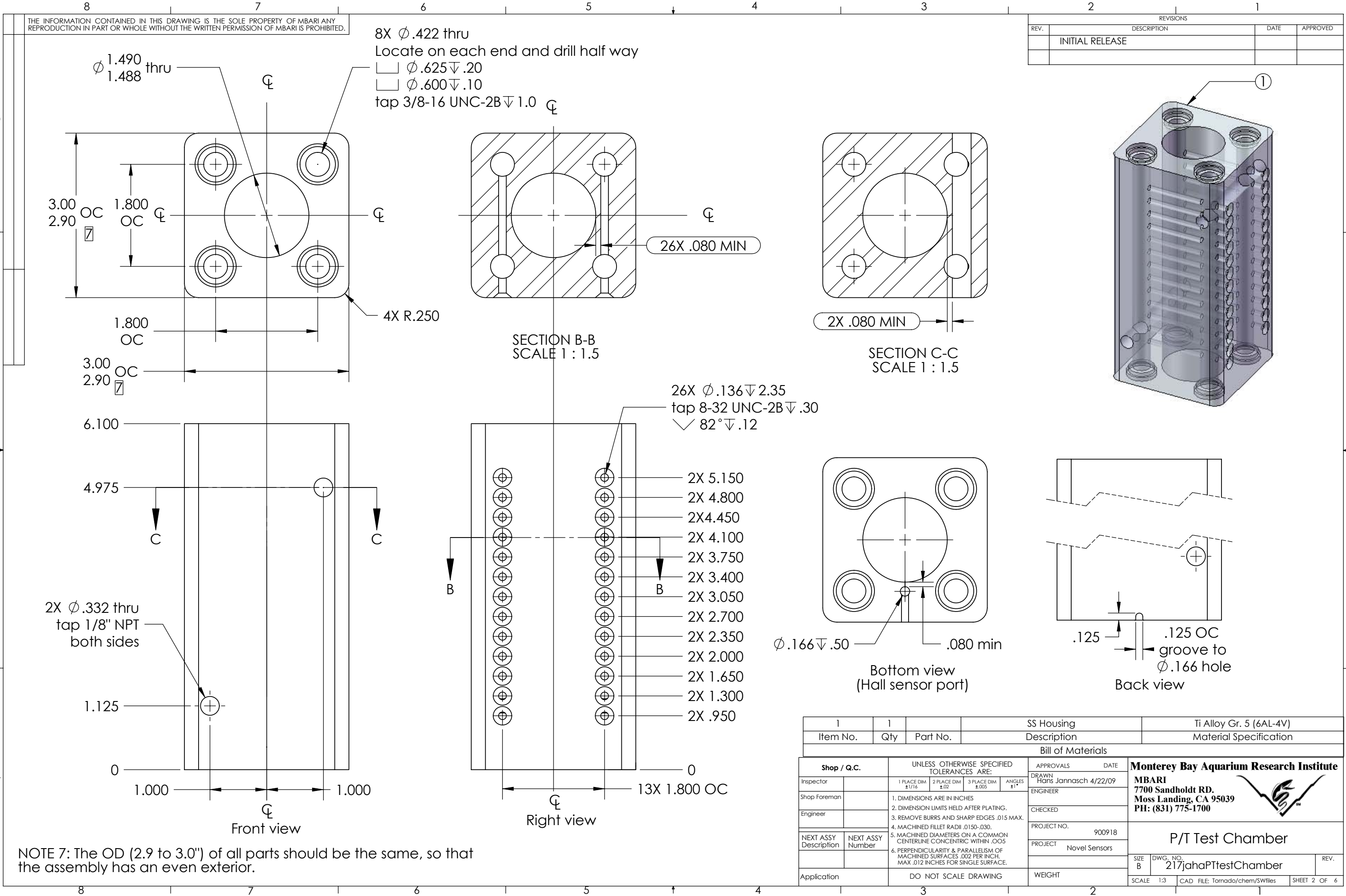
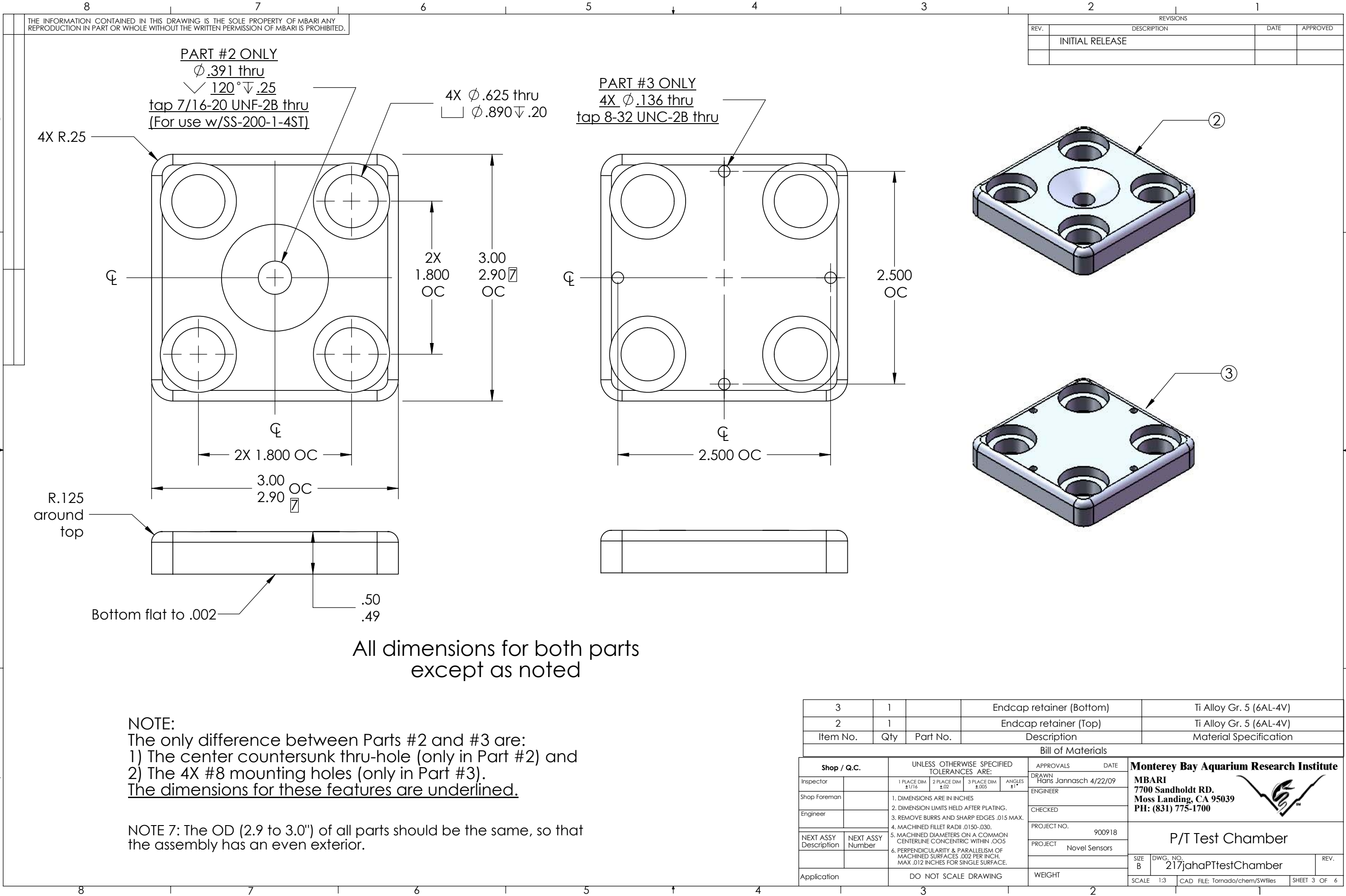








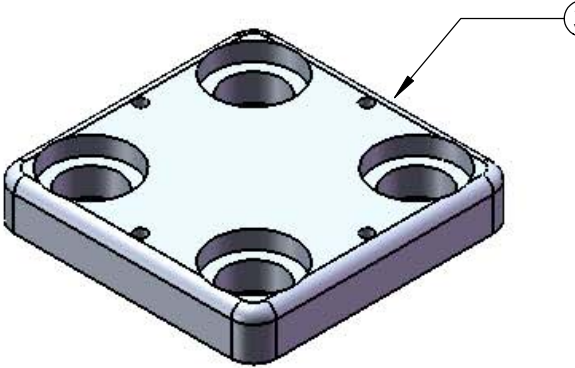
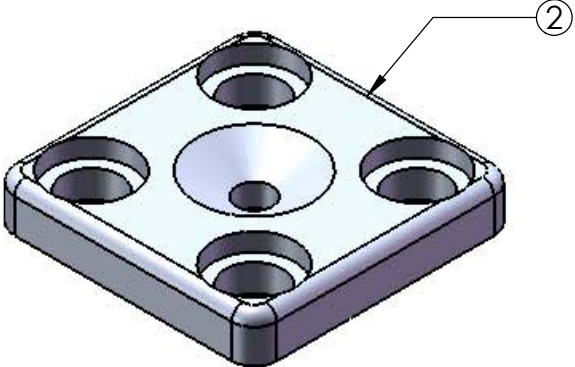
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REV.	DESCRIPTION	DATE	APPROVED
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PART #2 ONLY
Ø.391 thru
✓ 120° ∇ .25
tap 7/16-20 UNF-2B thru
(For use w/SS-200-1-4ST)

4X Ø.625 thru
Ø.890 ∇ .20

PART #3 ONLY
4X Ø.136 thru
tap 8-32 UNC-2B thru



All dimensions for both parts
except as noted

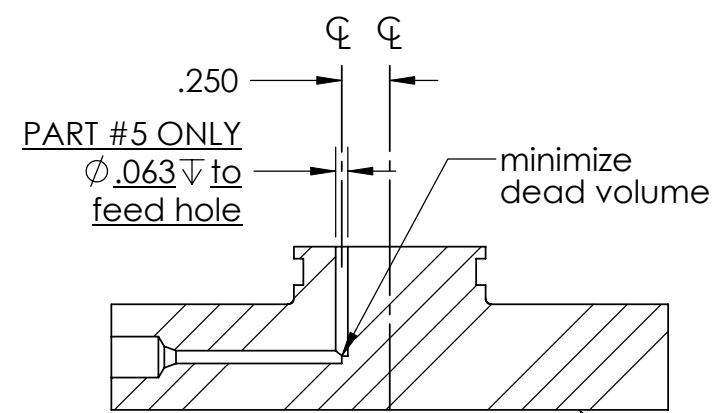
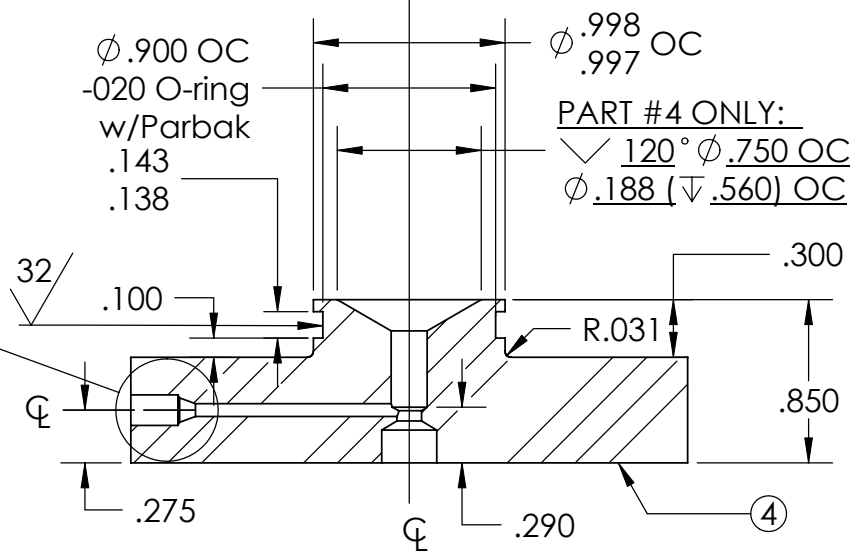
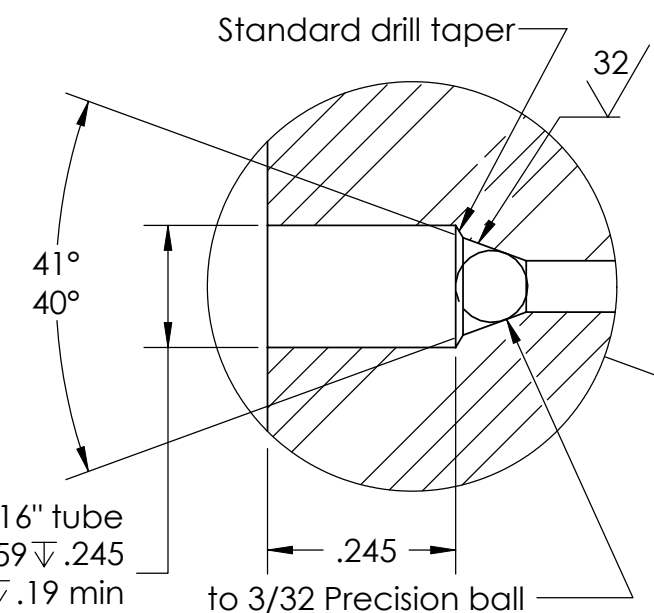
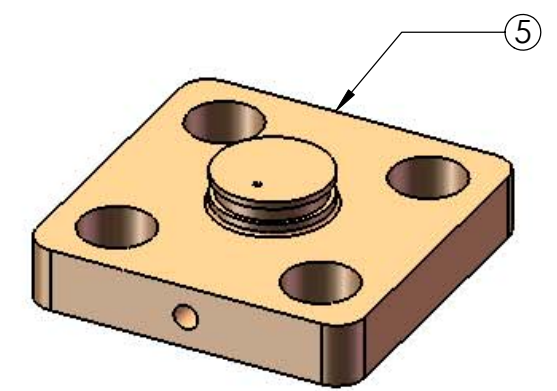
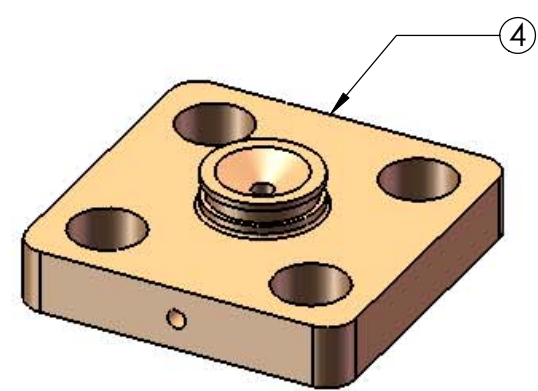
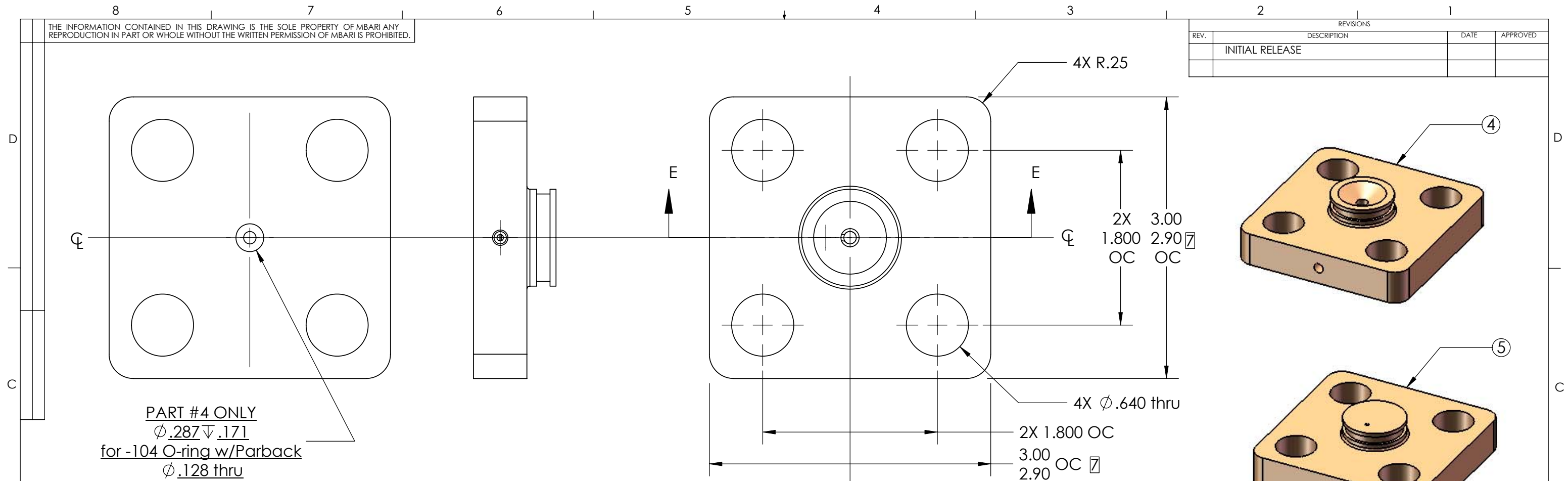
NOTE:
The only difference between Parts #2 and #3 are:
1) The center countersunk thru-hole (only in Part #2) and
2) The 4X #8 mounting holes (only in Part #3).
The dimensions for these features are underlined.

NOTE 7: The OD (2.9 to 3.0") of all parts should be the same, so that
the assembly has an even exterior.

3		1		Endcap retainer (Bottom)		Ti Alloy Gr. 5 (6AL-4V)	
2		1		Endcap retainer (Top)		Ti Alloy Gr. 5 (6AL-4V)	
Item No.		Qty	Part No.	Description		Material Specification	
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 Hans Jannasch 4/22/09	
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	
Engineer						CHECKED	
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 900918	
						PROJECT Novel Sensors	
Application		DO NOT SCALE DRAWING			WEIGHT		SIZE B DWG. NO. 217jahaPTtestChamber REV.
							SCALE 1:3 CAD FILE: Tornado/chem/SWfiles SHEET 3 OF 6
Monterey Bay Aquarium Research Institute							
MBARI							
7700 Sandholdt RD.							
Moss Landing, CA 95039							
PH: (831) 775-1700						P/T Test Chamber	

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SECTION G-G

Upchurch 10-32 Coned port for 1/16" tube
 $\square \phi .159 \nabla .245$
 tap 10-32 UNF-2B $\nabla .19$ min
 $\phi .067 \nabla$ to feed hole

DETAIL F
SCALE 4 : 1

SECTION E-E

5	1		Endcap (Bottom)	PEEK
4	1		Endcap (Top)	PEEK
Item No.	Qty	Part No.	Description	Material Specification

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 Hans Jannasch	4/22/09	
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		
Engineer						CHECKED		
						PROJECT NO.	900918	
NEXT ASSY Description	NEXT ASSY Number	PROJECT Novel Sensors		P/T Test Chamber				
Application		DO NOT SCALE DRAWING		WEIGHT		SIZE B	DWG. NO. 217jahaPTtestChamber	REV.
						SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 4 OF 6

NOTE:
The only difference between Parts #4 and #5 are:
1) The center 1/4-28 port and thru-hole (only in Part #4)
2) The debubbling 120° countersink (only in Part #4)
3) The off-center fill port (only in Part #5).
The dimensions for these features are underlined.

NOTE 7: The OD (2.9 to 3.0") of all parts should be the same, so that the assembly has an even exterior.

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

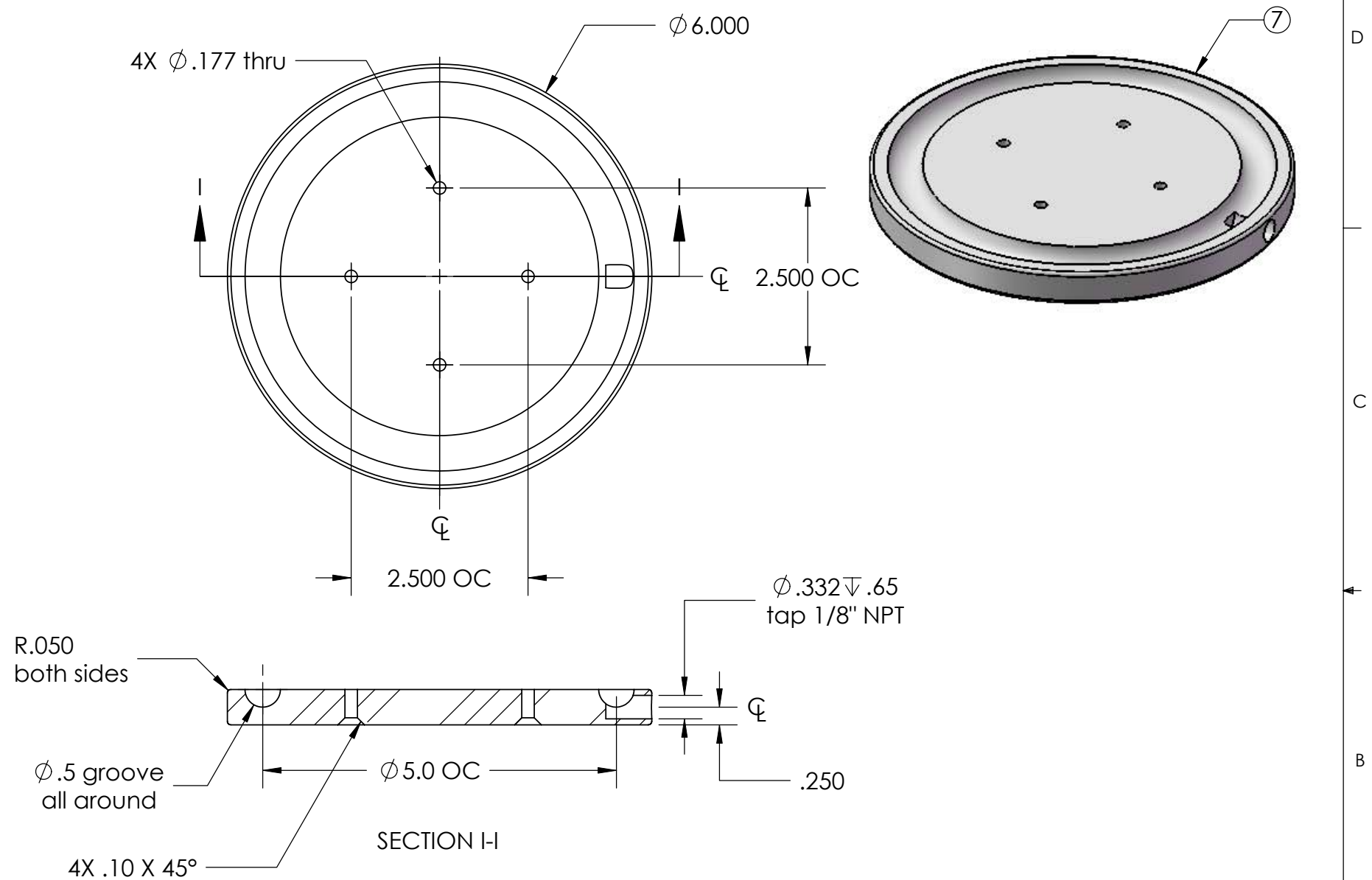
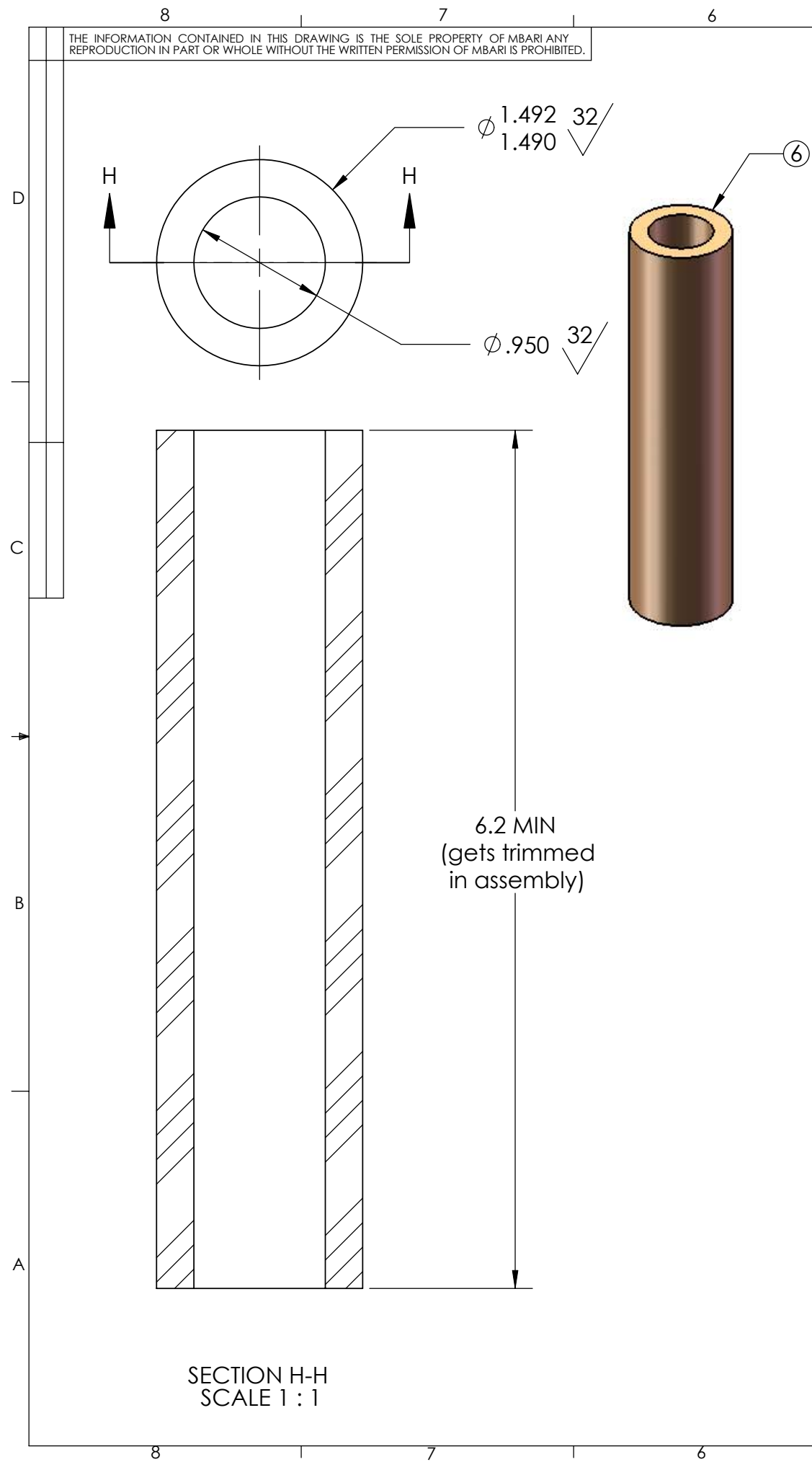


P/T Test Chamber

SIZE B	DWG. NO. 217jahaPTtestChamber	REV.
SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 4 OF 6

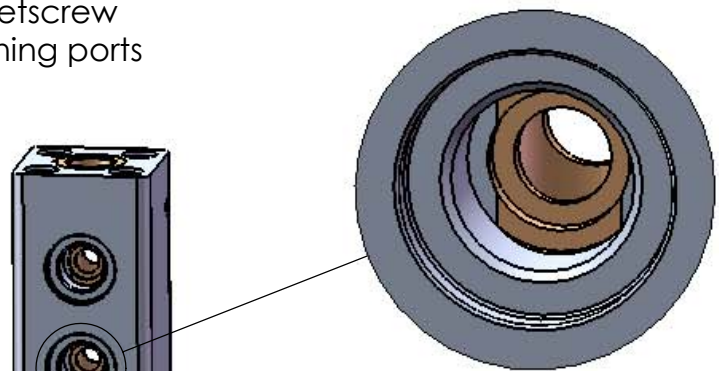
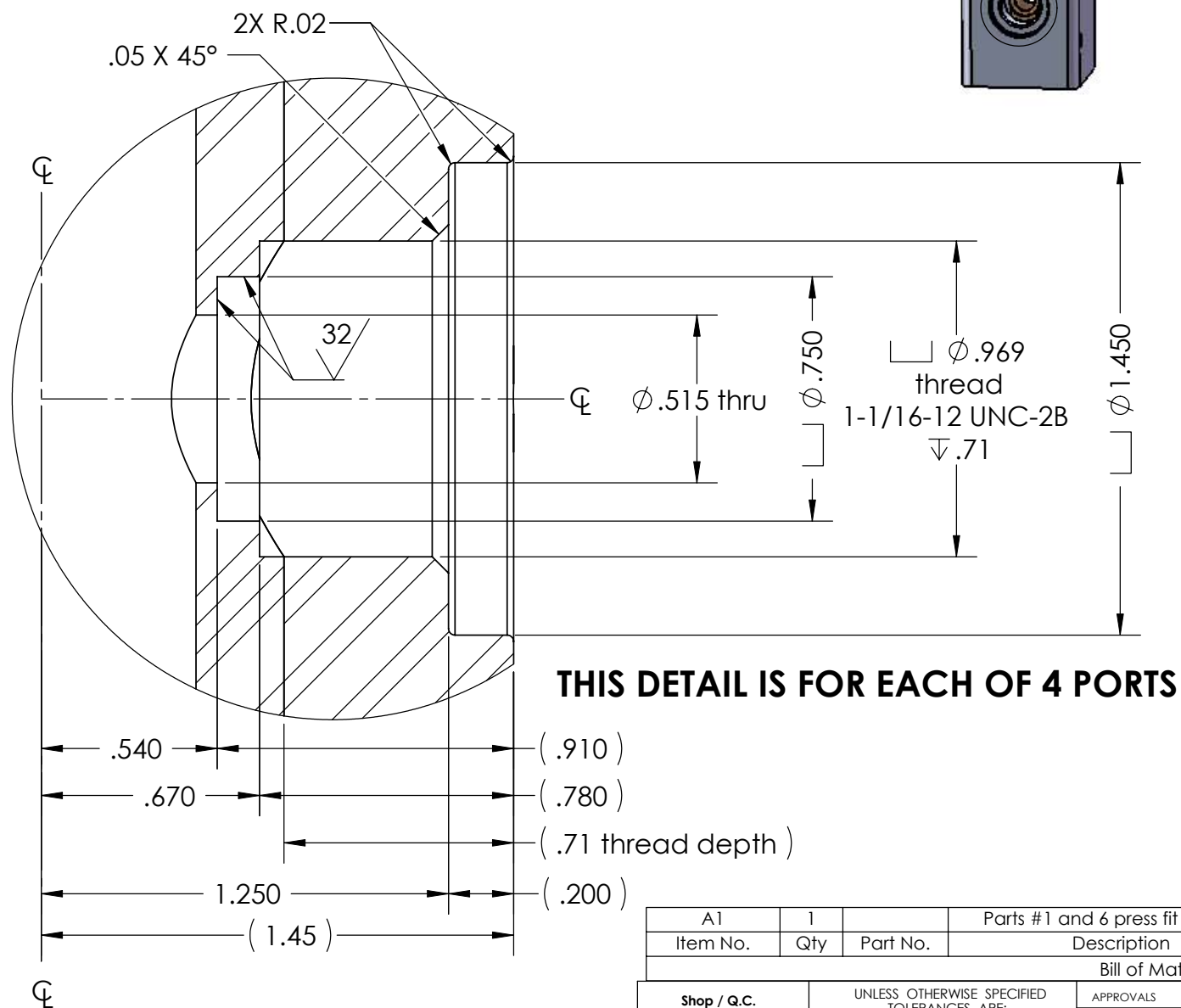
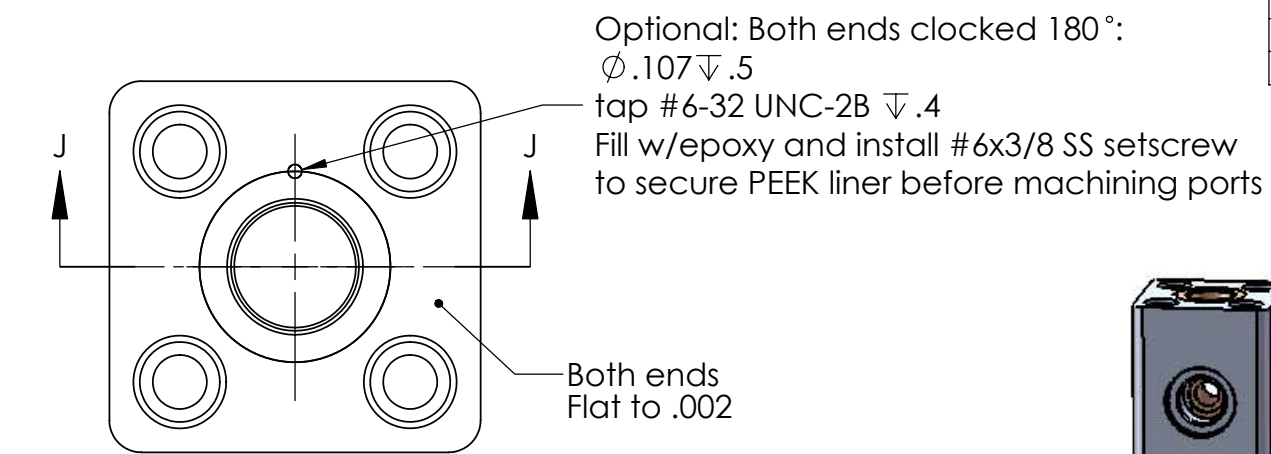
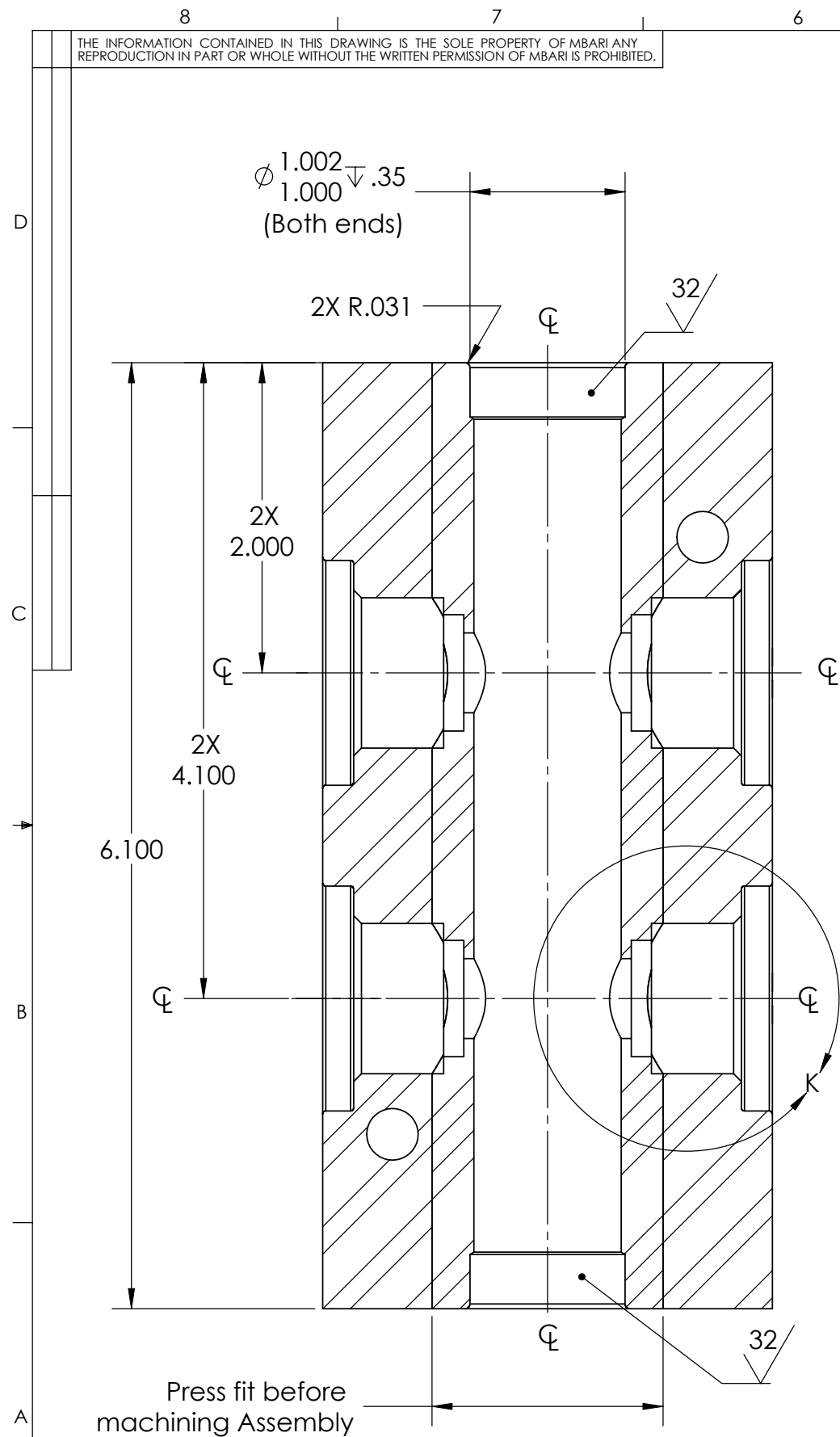
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REV.	DESCRIPTION	DATE	APPROVED
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REV.	DESCRIPTION	DATE	APPROVED
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A1		1		Parts #1 and 6 press fit together				
Item No.		Qty	Part No.	Description		Material Specification		
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 Hans Jannasch 4/22/09		
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		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 	
Engineer					CHECKED			
NEXT ASSY Description					PROJECT NO.			
NEXT ASSY Number		PROJECT						
Application		DO NOT SCALE DRAWING			WEIGHT		P/T Test Chamber	
					SIZE B		DWG. NO. 217jahaPTtestChamber	REV.
					SCALE 1:3		CAD FILE: Tornado/chem/SWfiles	SHEET 6 OF 6