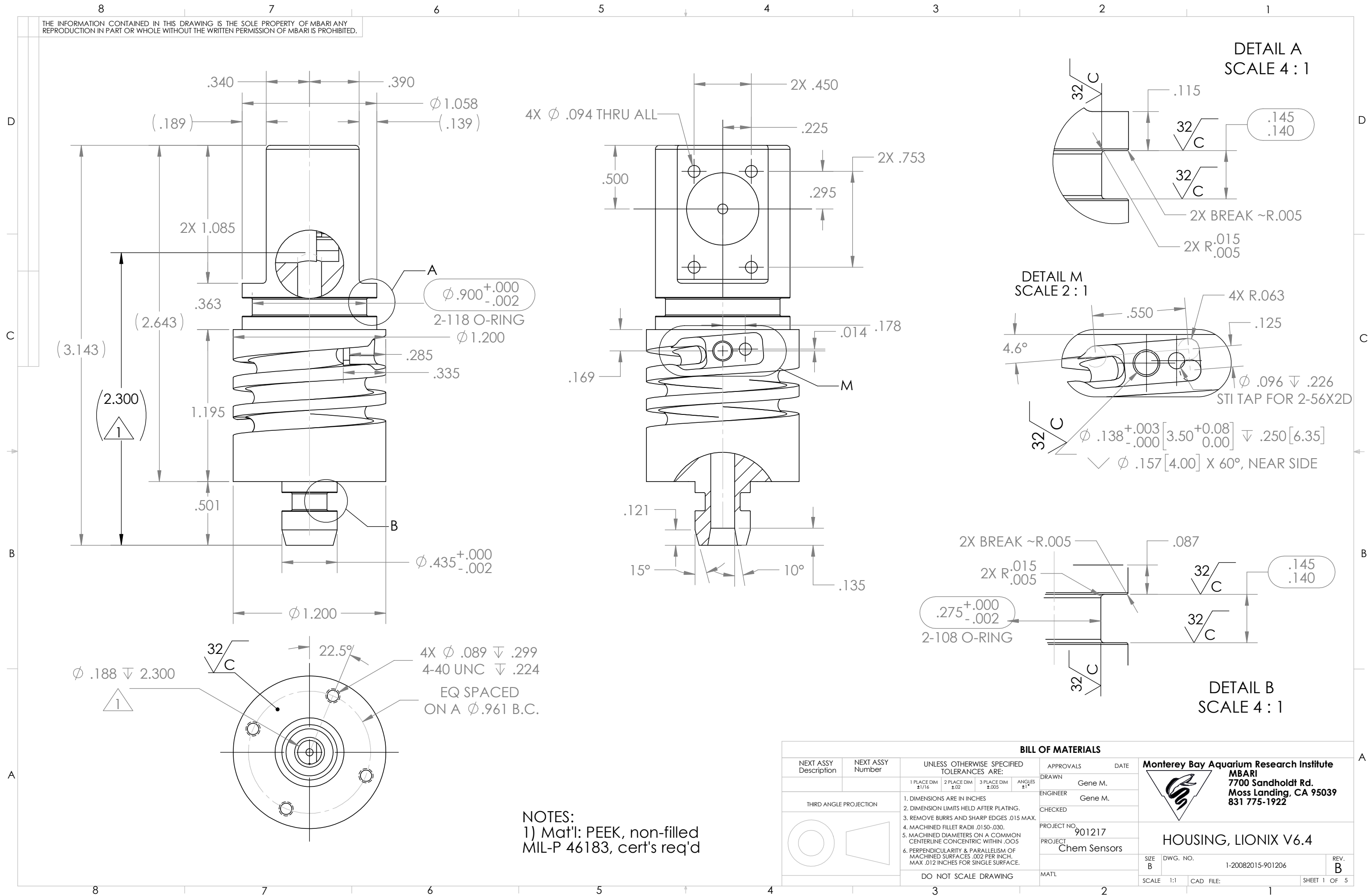
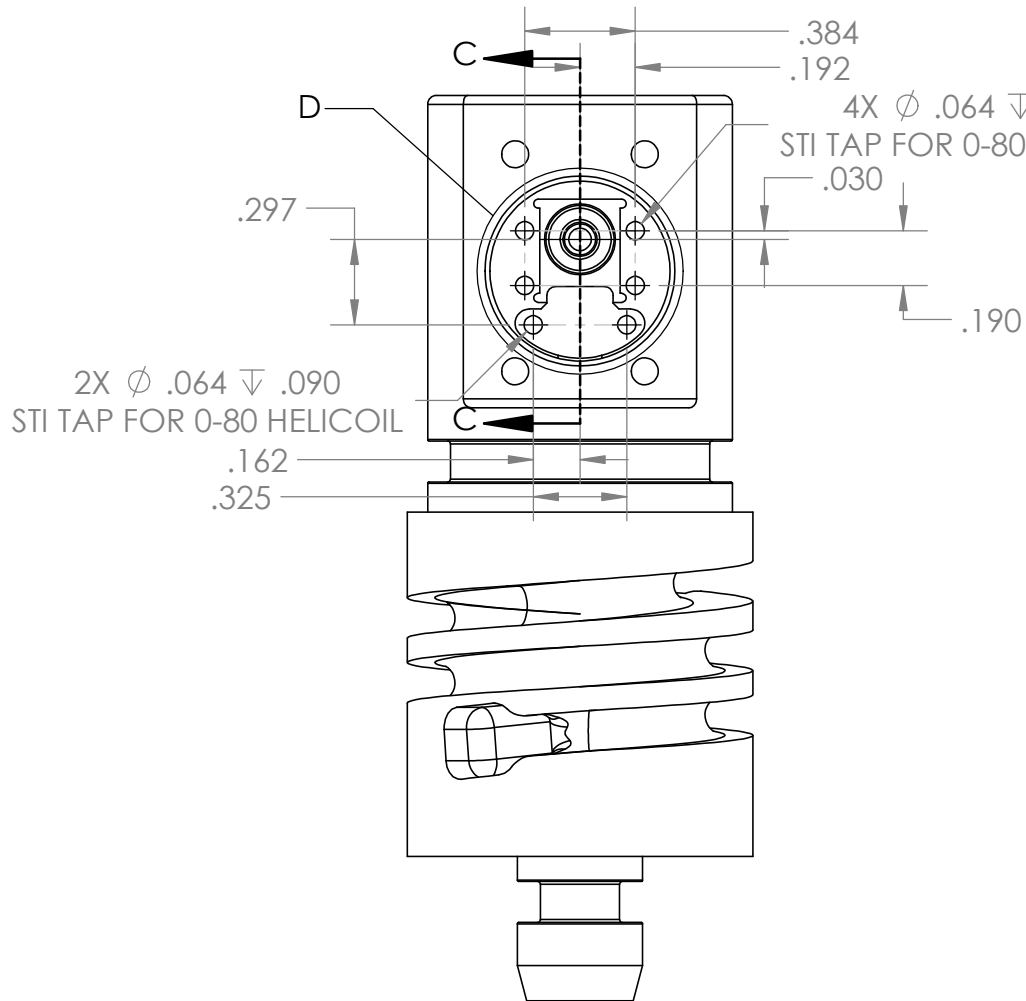
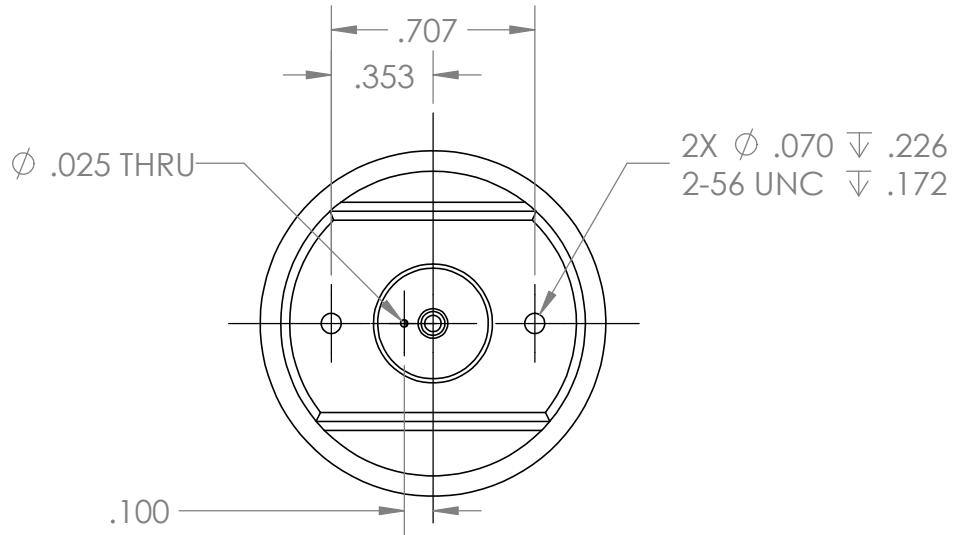


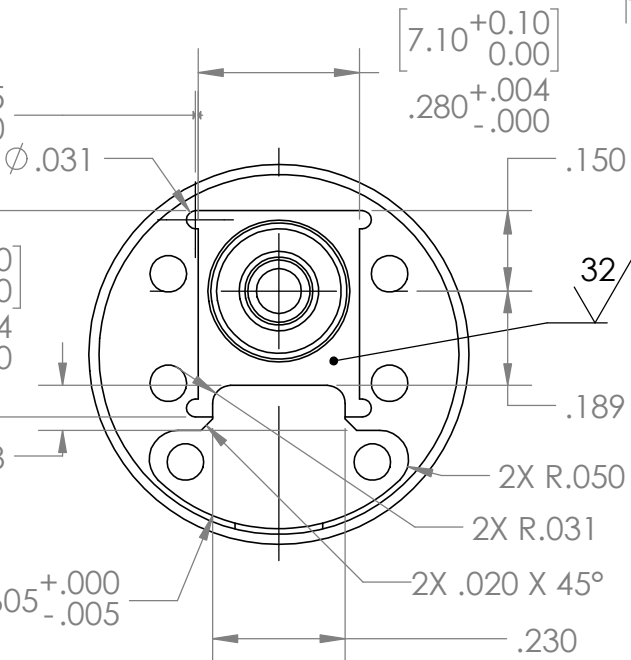
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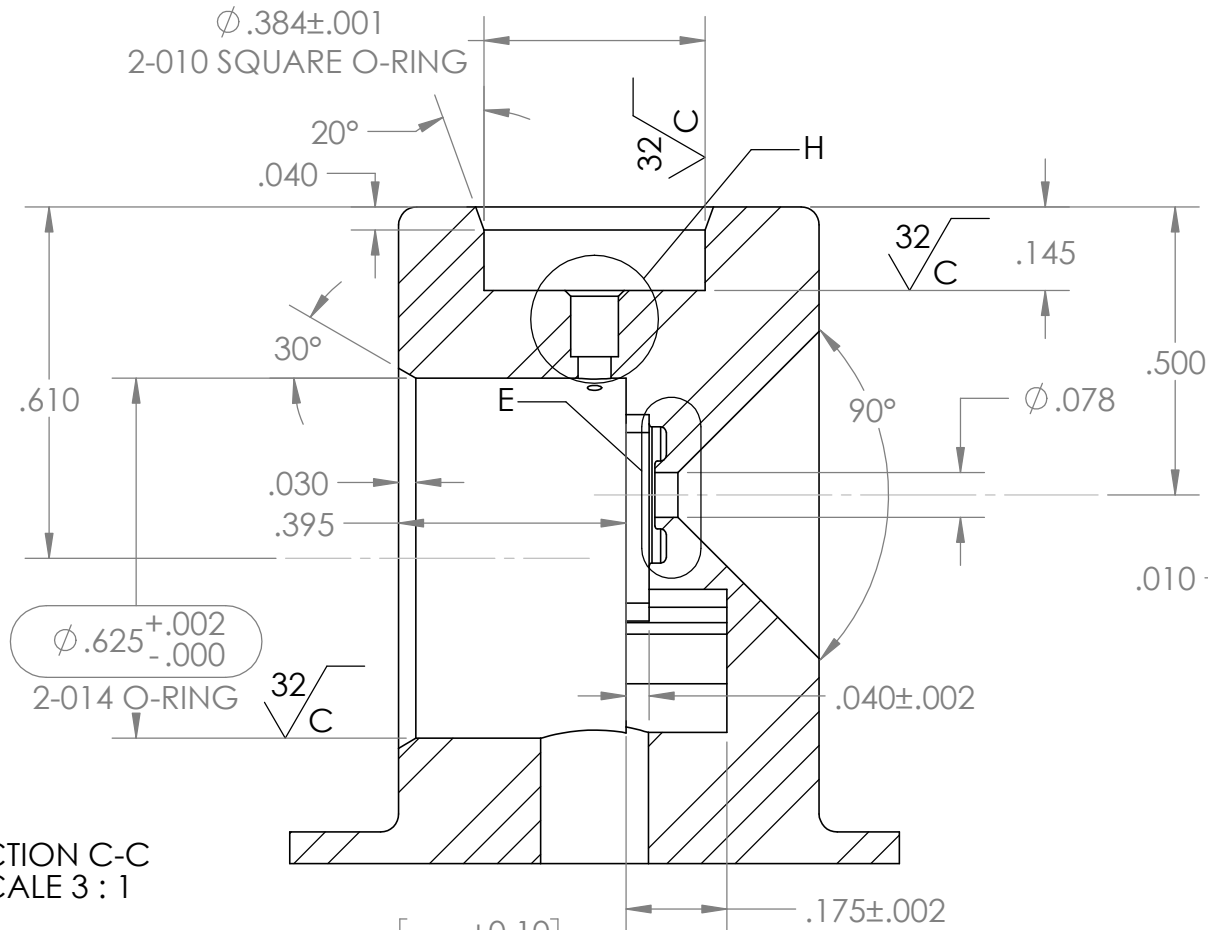
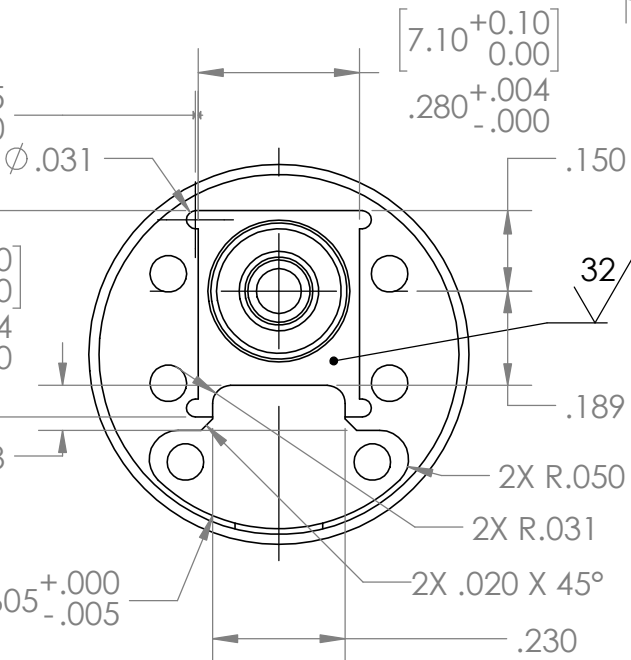
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.



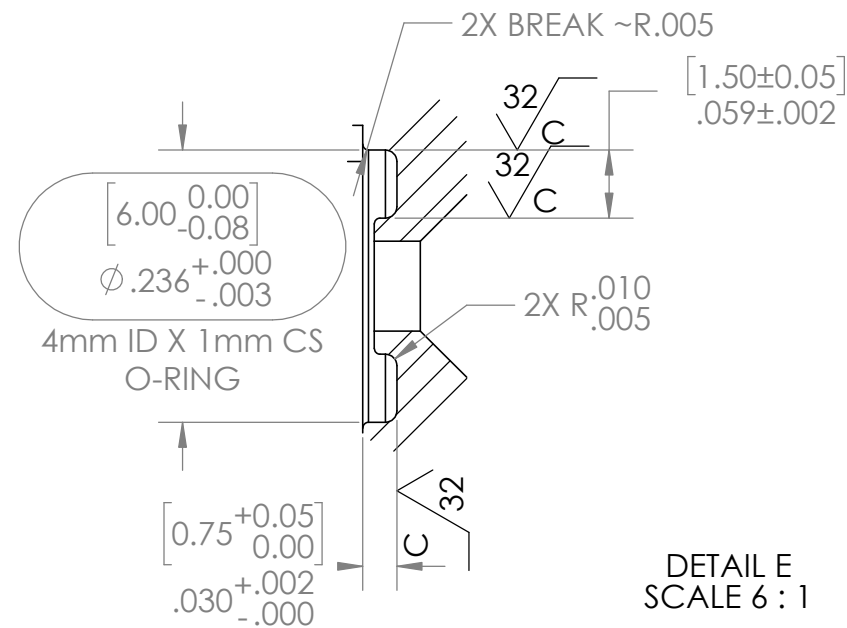
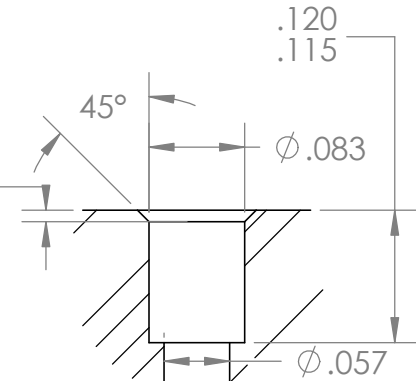
SECTION C-C
SCALE 3 : 1



DETAIL D
SCALE 3 : 1

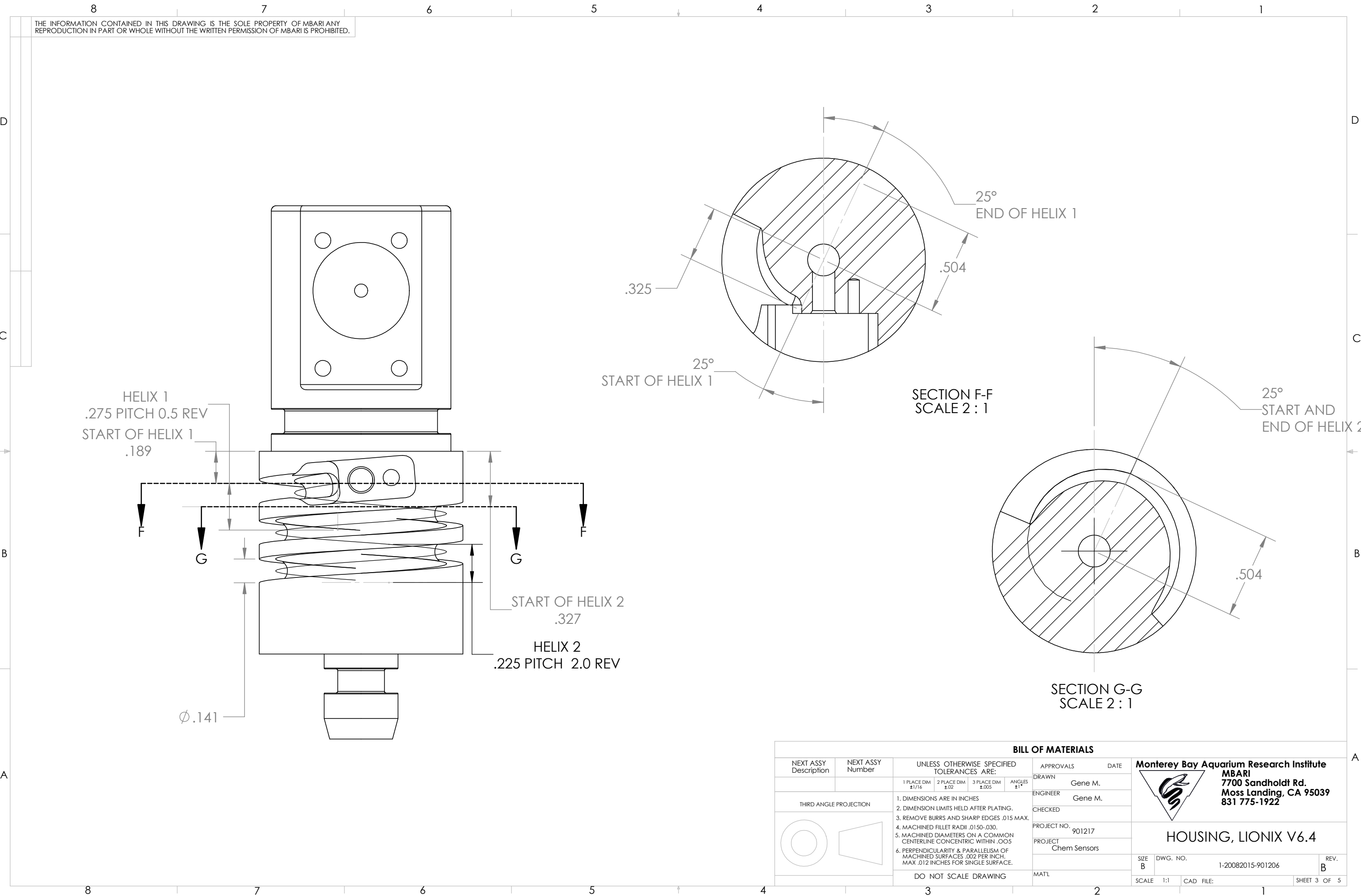


DETAIL H
SCALE 6 : 1



DETAIL E
SCALE 6 : 1

BILL OF MATERIALS						
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	
THIRD ANGLE PROJECTION		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.			DRAWN	Gene M.
					ENGINEER	Gene M.
					CHECKED	
					PROJECT NO.	901217
		DO NOT SCALE DRAWING			PROJECT	Chem Sensors
					MAT'L	
					Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922 	
					HOUSING, LIONIX V6.4	
					SIZE B	DWG. NO. 1-20082015-901206
					SCALE 1:1	REV.
					CAD FILE:	
					SHEET 2 OF 5	



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8

7

6

5

4

3

2

1

D

C

B

A

D

C

B

A

HELIX 1
.275 PITCH 0.5 REV
START OF HELIX 1
.189

F

G

START OF HELIX 2
.327

HELIX 2
.225 PITCH 2.0 REV

Ø.141

25°
START OF HELIX 1

25°
END OF HELIX 1

SECTION F-F
SCALE 2 : 1

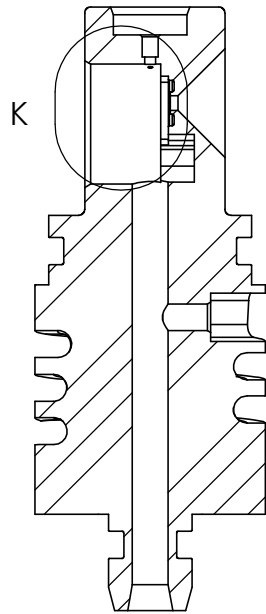
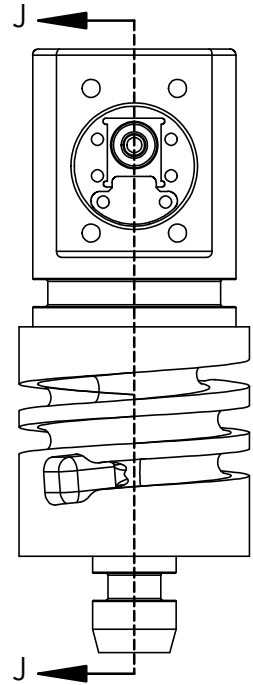
25°
START AND
END OF HELIX 2

SECTION G-G
SCALE 2 : 1

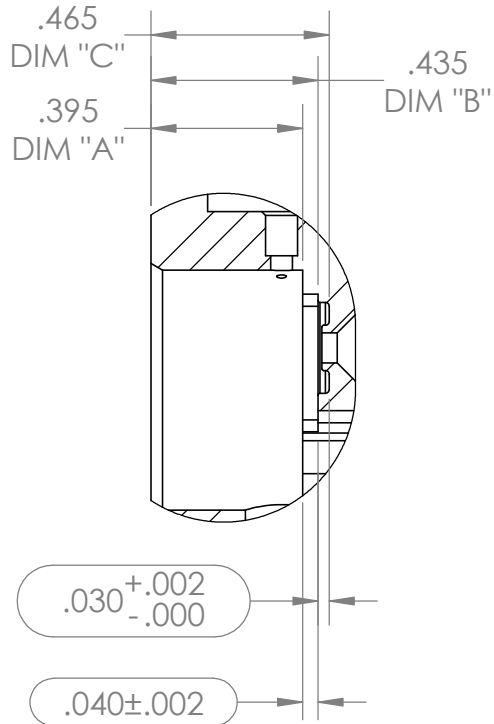
BILL OF MATERIALS

NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	Monterey Bay Aquarium Research Institute  MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922		
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.				
		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	Gene M.			
							CHECKED				
THIRD ANGLE PROJECTION							PROJECT NO.		901217		
							PROJECT		Chem Sensors		
							SIZE		DWG. NO.		
							B		1-20082015-901206		
							MAT'L		REV.		
		DO NOT SCALE DRAWING					SCALE		1:1		
							CAD FILE:		SHEET 3 OF 5		

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SECTION J-J



DETAIL K
SCALE 2 : 1

BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES				ENGINEER	Gene M.		
		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	901206		
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Coastal Profiling Float		
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005						SIZE	REV.		
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.						B	B		
DO NOT SCALE DRAWING				MAT'L		SCALE	1:1		
						CAD FILE:	SHEET 4 OF 5		

Monterey Bay Aquarium Research Institute

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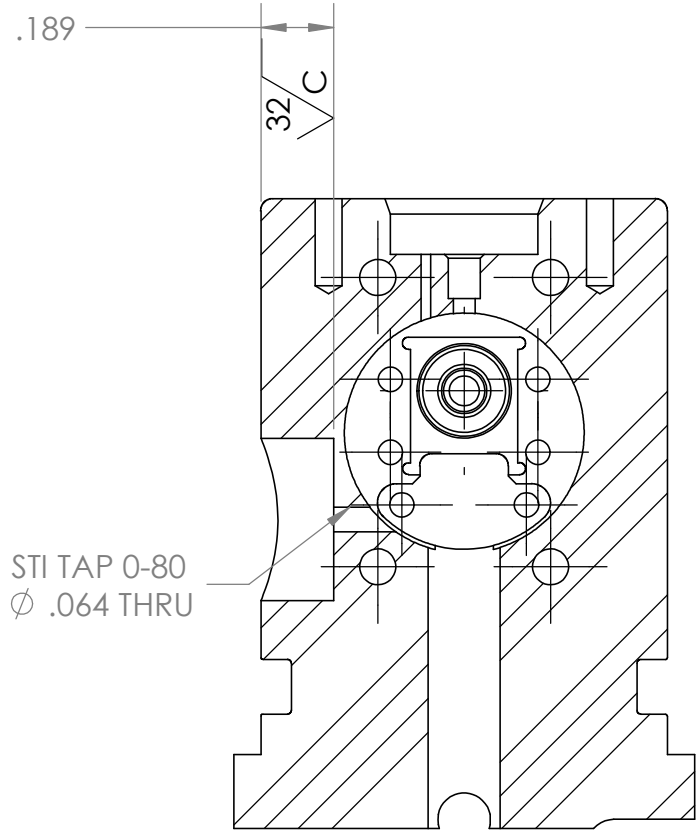
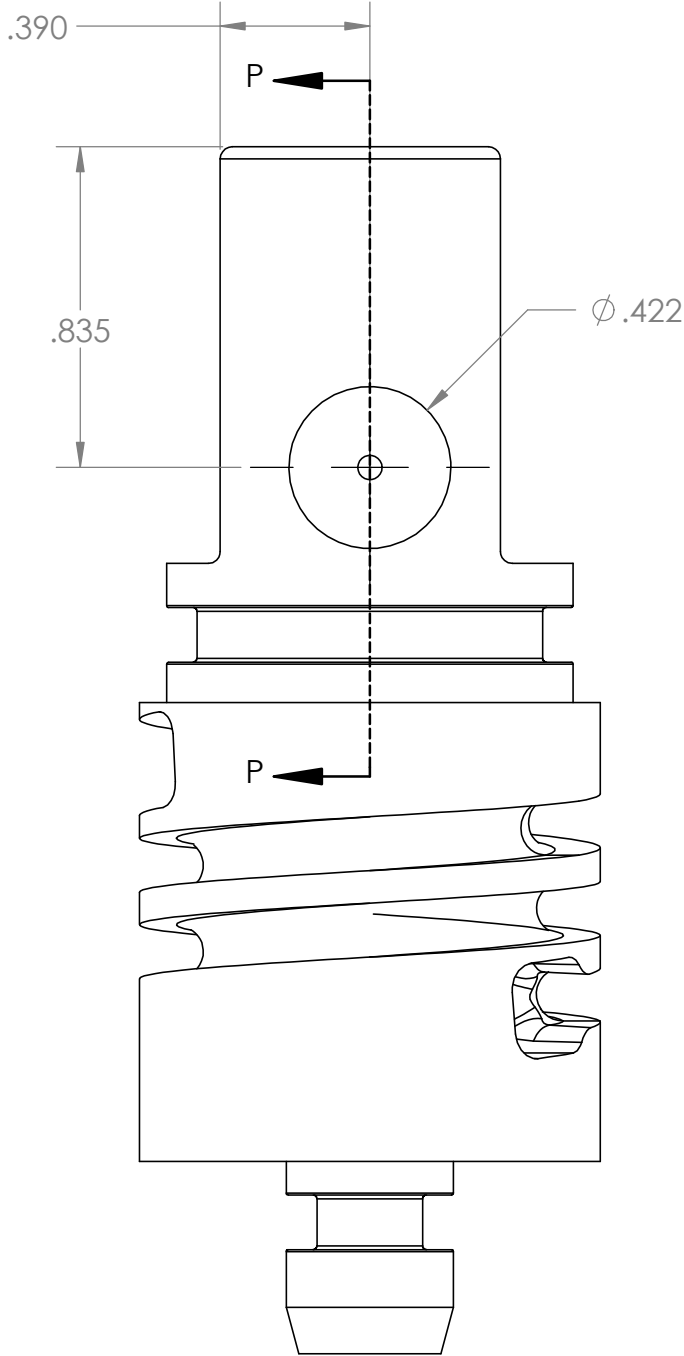
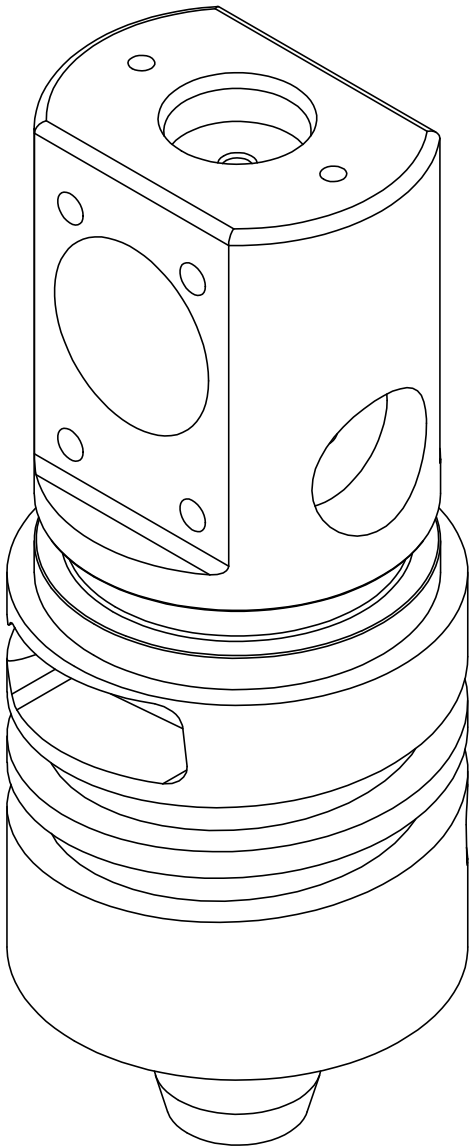
Moss Landing, CA 95039

831 775-1922



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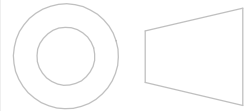


SECTION P-P
SCALE 2 : 1

BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES				ENGINEER	Gene M.		
		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED			
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	901206		
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Coastal Profiling Float		
		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				MAT'L			
						SIZE B	DWG. NO. 1-20082015-901206	REV. B	
						SCALE 1:1	CAD FILE:	SHEET 5 OF 5	

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HOUSING, LIOINX WITH
TA ELECTRODE



DO NOT SCALE DRAWING