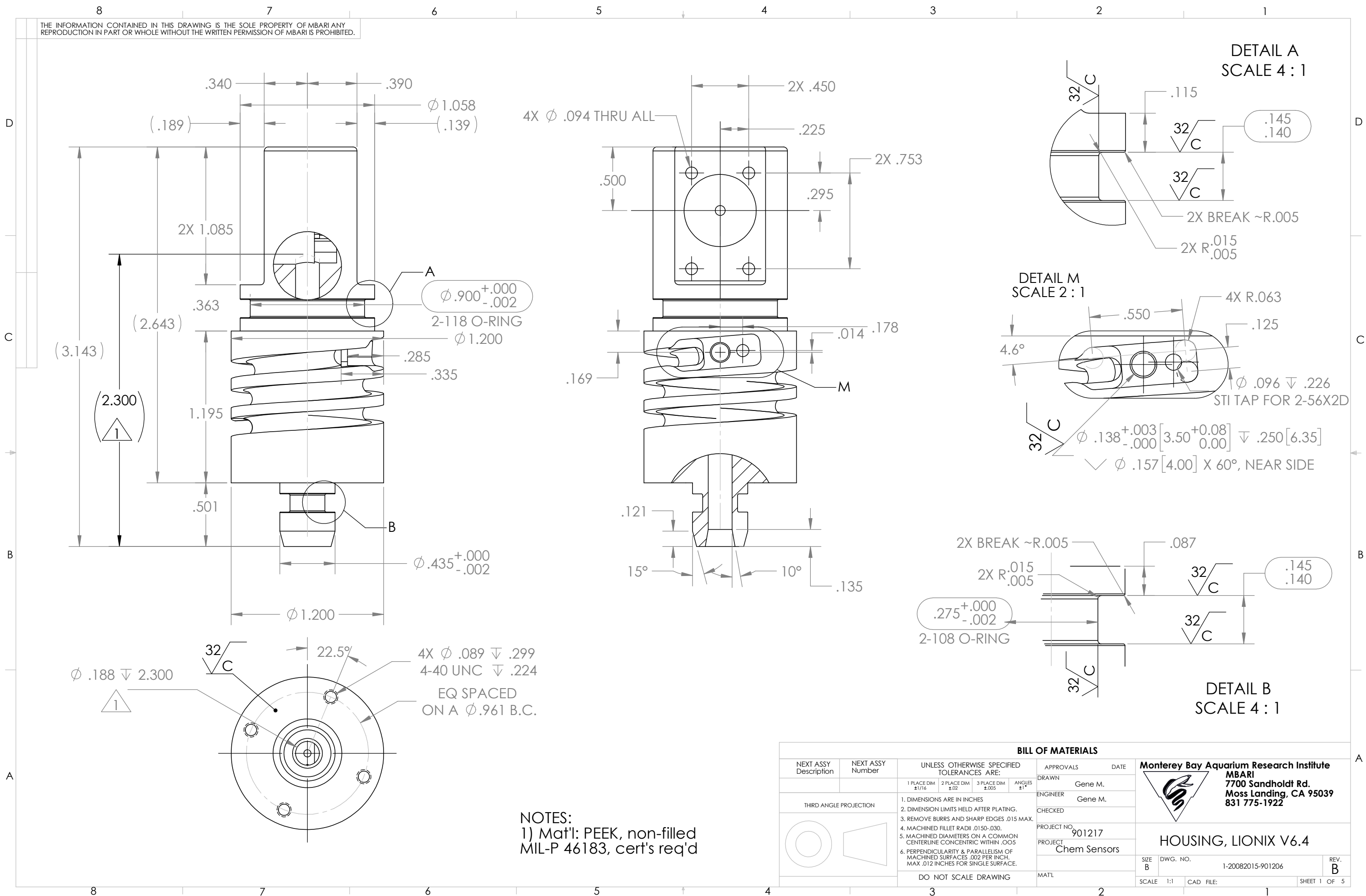
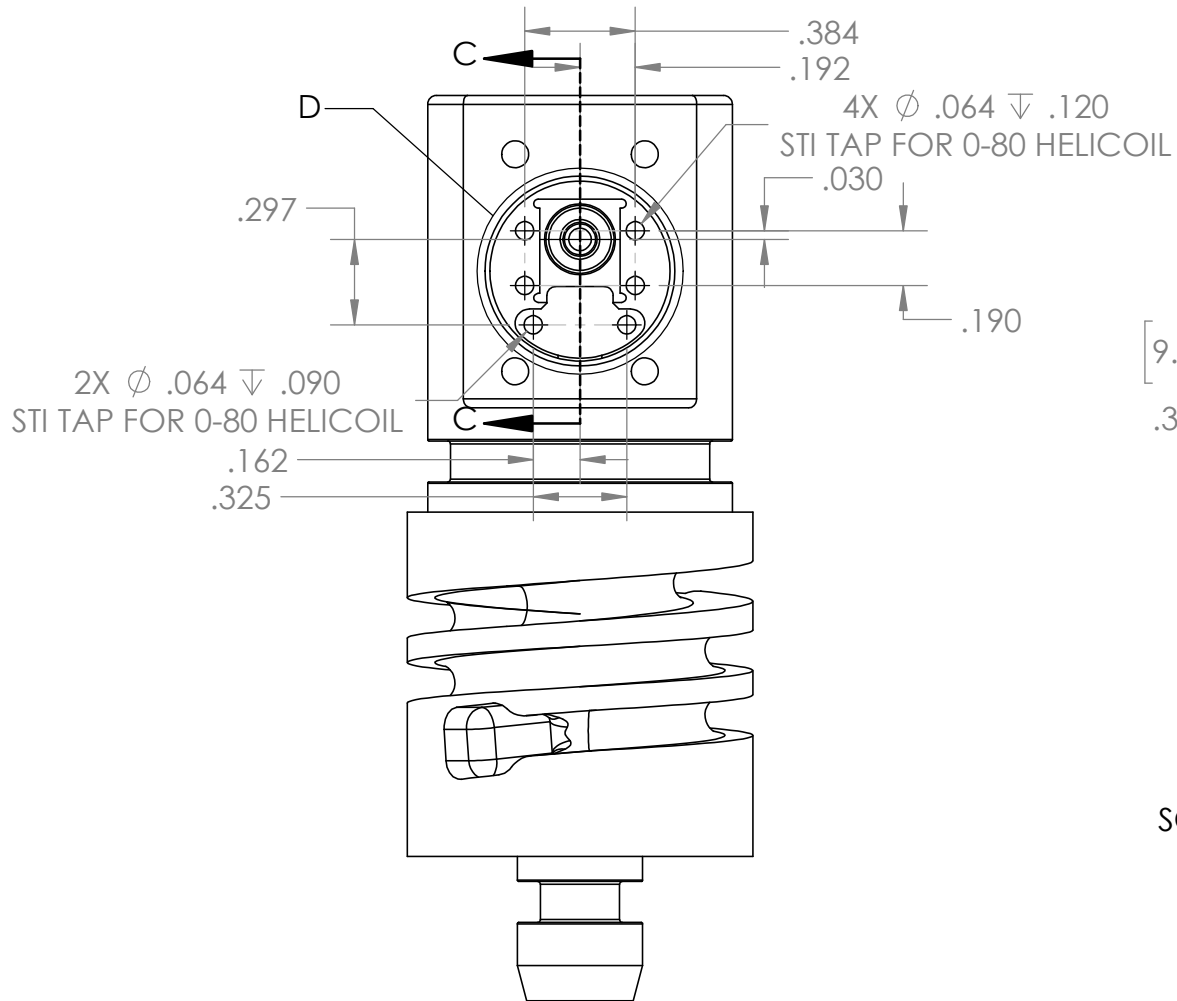
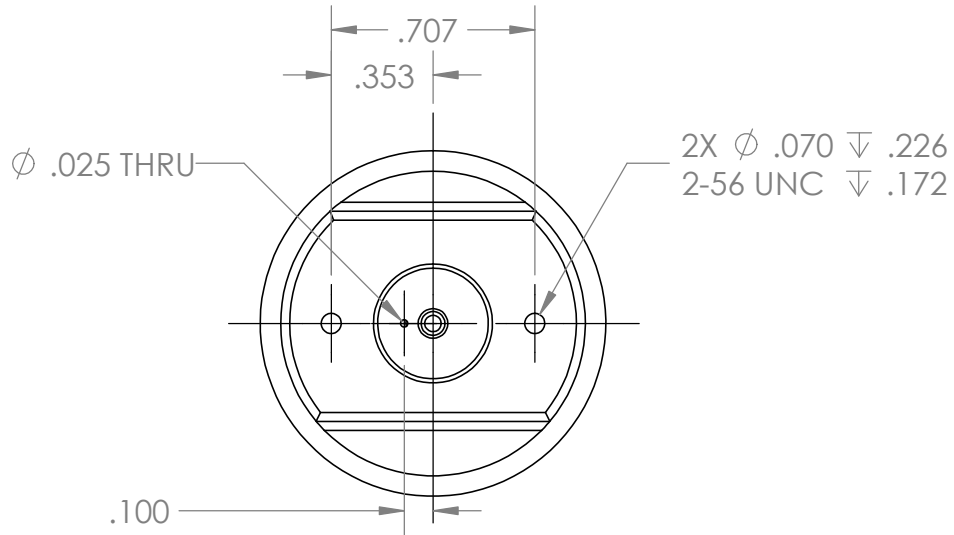


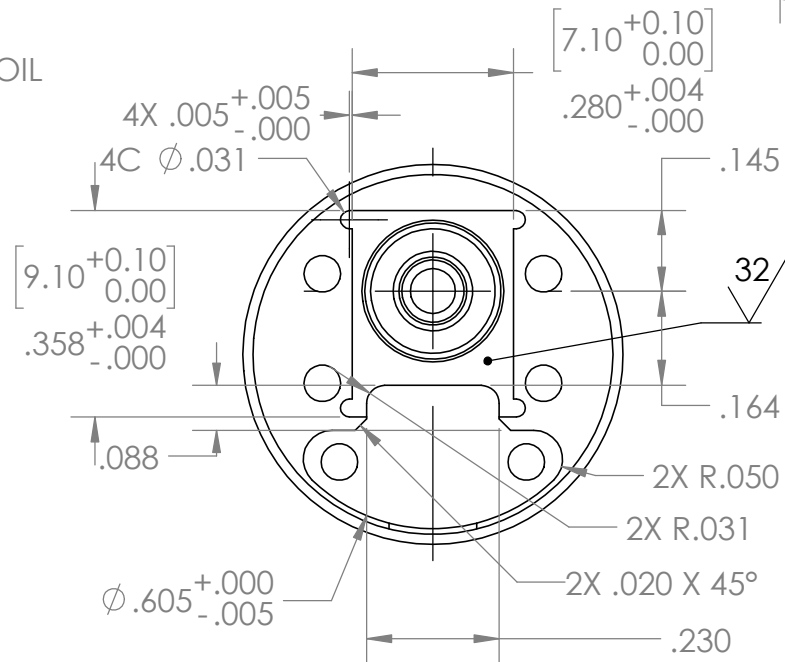
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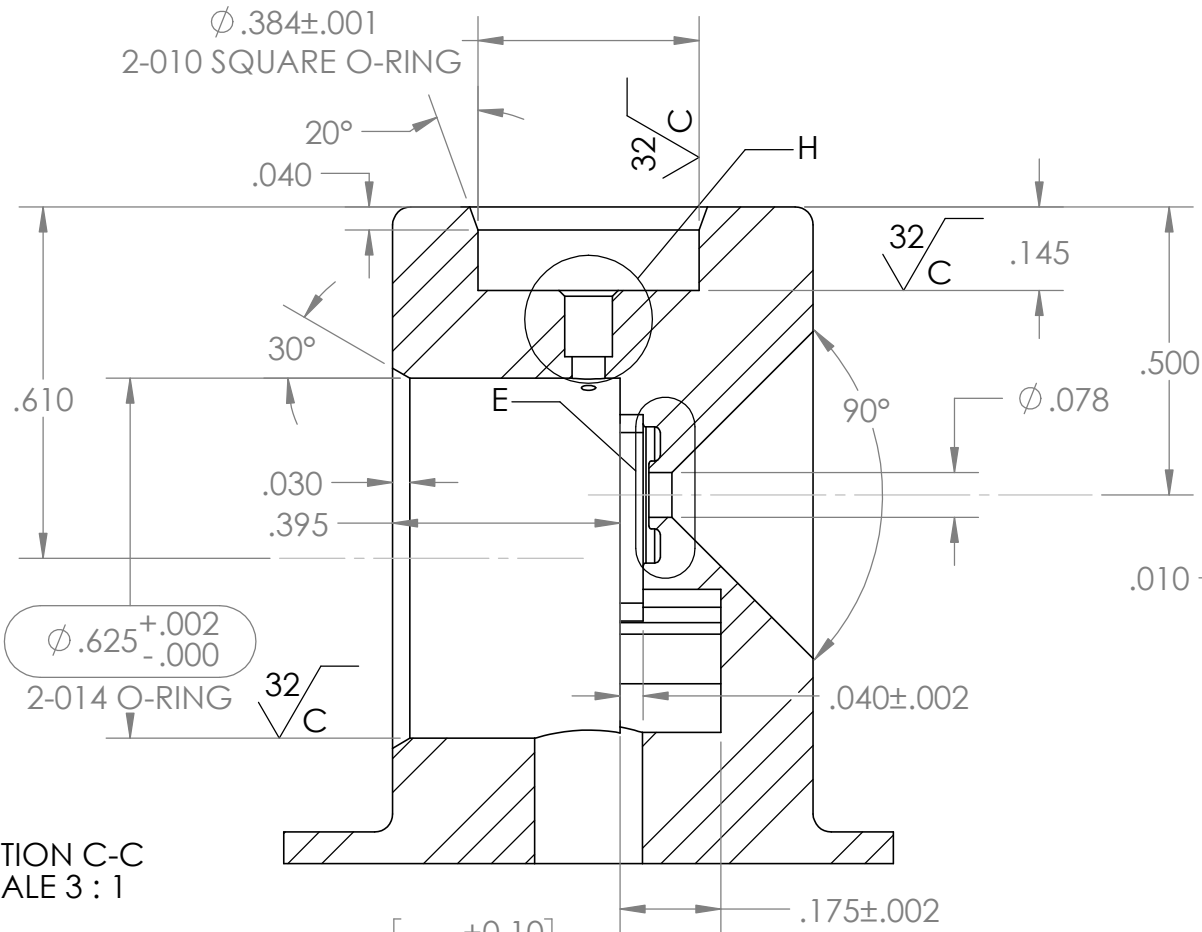
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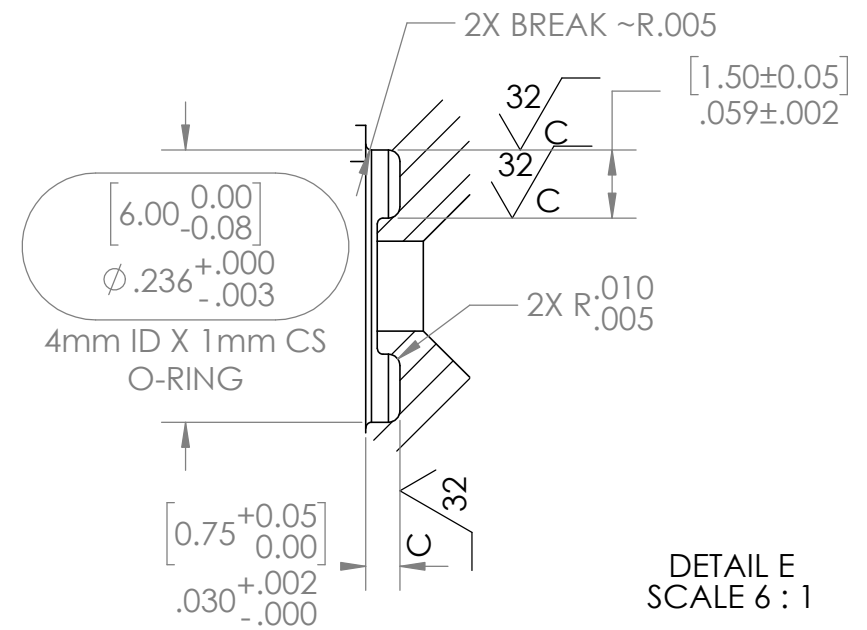
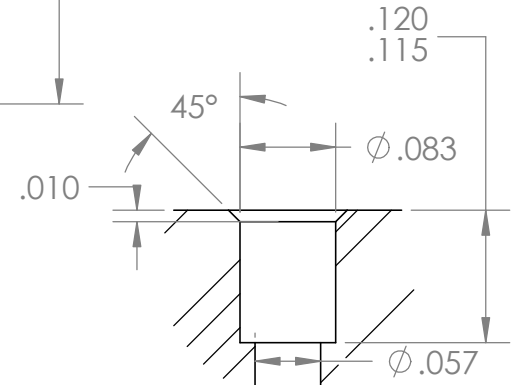
SECTION C-C
SCALE 3 : 1



DETAIL D
SCALE 3 : 1

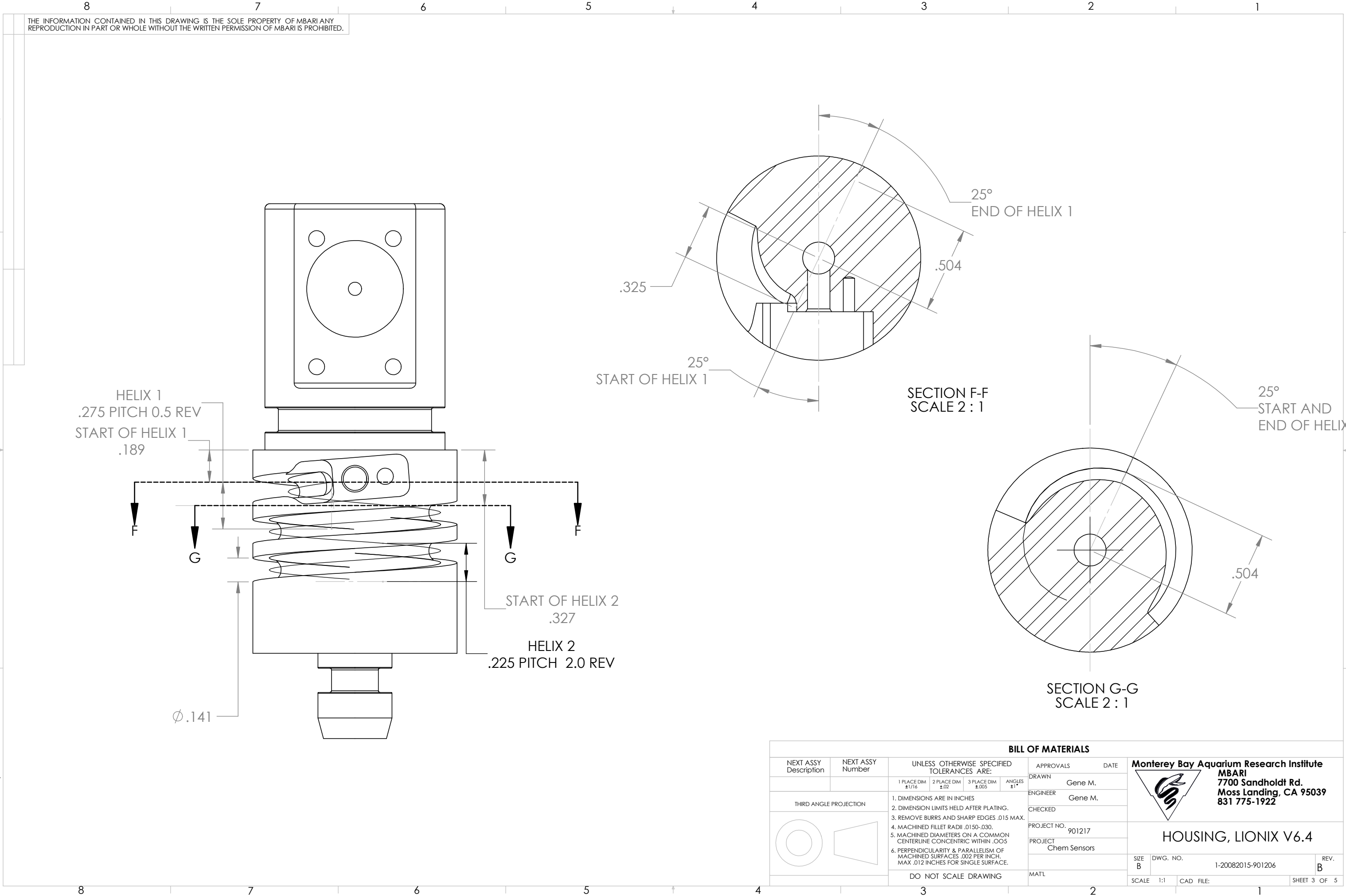


DETAIL H
SCALE 6 : 1



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			DRAWN	Gene M.
		2. DIMENSION LIMITS HELD AFTER PLATING.			ENGINEER	Gene M.
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.			CHECKED	
		4. MACHINED FILLET RADII .0150-.030.			PROJECT NO.	901217
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			PROJECT	Chem Sensors
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
		DO NOT SCALE DRAWING			MAT'L	



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

25°
START OF HELIX 1

25°
END OF HELIX 1

SECTION F-F
SCALE 2 : 1

25°
START AND
END OF HELIX 2

START OF HELIX 2
.327

HELIX 2
.225 PITCH 2.0 REV

Ø .141

.504

SECTION G-G
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.	901217			
		4. MACHINED FILLET RADII .0150-.030.				PROJECT	Chem Sensors			
		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				MATL				
						SIZE B		DWG. NO. 1-20082015-901206		REV. B
						SCALE 1:1		CAD FILE:		SHEET 3 OF 5

	Monterey Bay Aquarium Research Institute	
	MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922	
HOUSING, LIONIX V6.4		

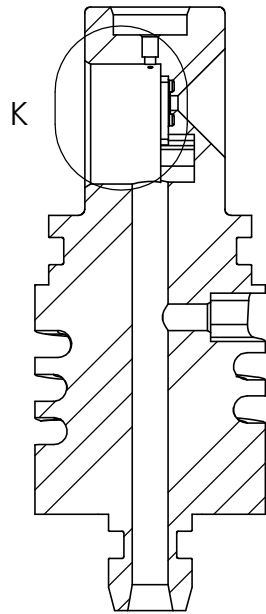
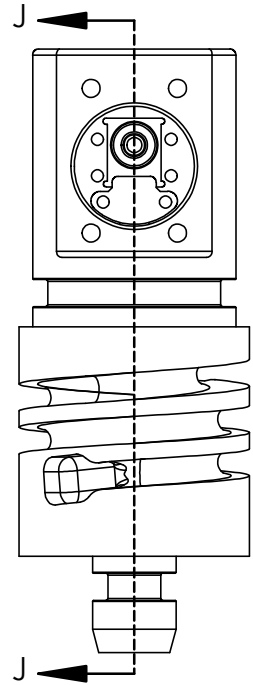
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt Rd.
Moss Landing, CA 95039
831 775-1922

HOUSING, LIONIX V6.4

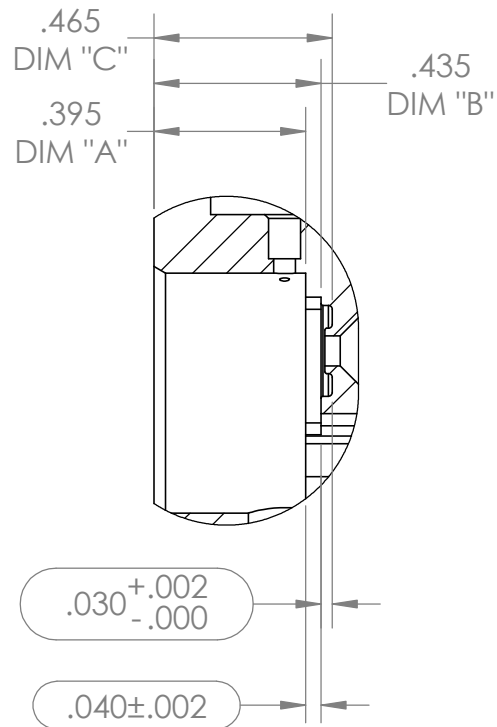
1. DIMENSIONS ARE IN INCHES
2. DIMENSION LIMITS HELD AFTER PLATING.
3. REMOVE BURRS AND SHARP EDGES .015 MAX.
4. MACHINED FILLET RADII .0150-.030.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

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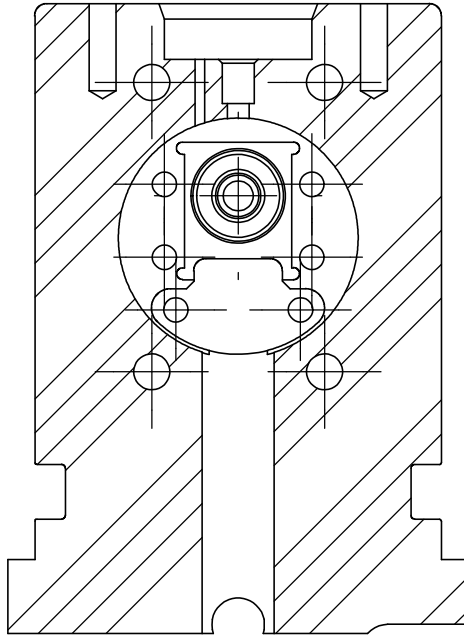
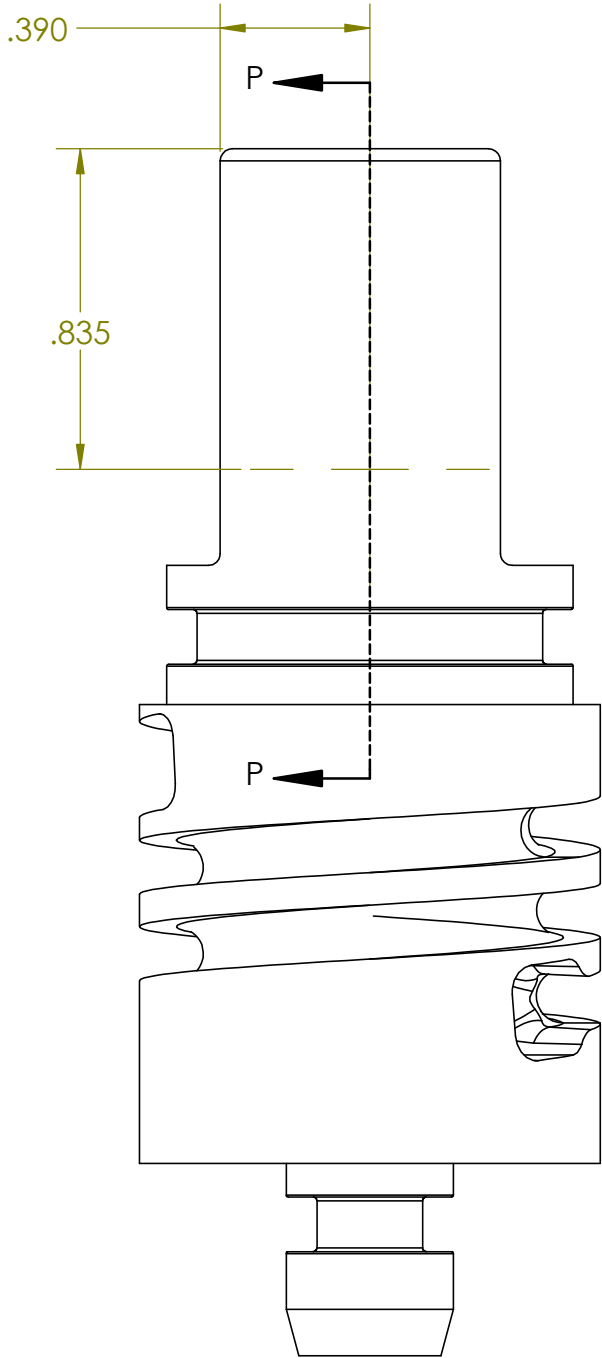
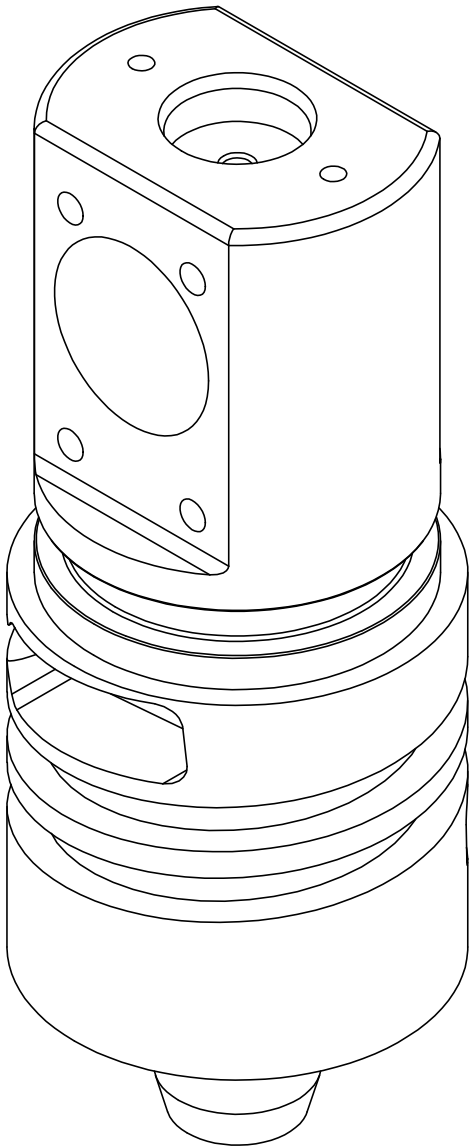
SECTION J-J



DETAIL K
SCALE 2 : 1

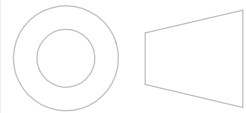
BILL OF MATERIALS											
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE			
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	Gene M.		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039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

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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 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			
						PROJECT NO.	901206		
						PROJECT	Coastal Profiling Float		
						MAT'L			
						Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922			
						HOUSING, LIOINX WITH TA ELECTRODE			
						SIZE B	DWG. NO.	1-20082015-901206	REV. B
						SCALE	1:1	CAD FILE:	SHEET 5 OF 5



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.

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HOUSING, LIOINX WITH
TA ELECTRODE

SCALE 1:1 CAD FILE: SHEET 5 OF 5