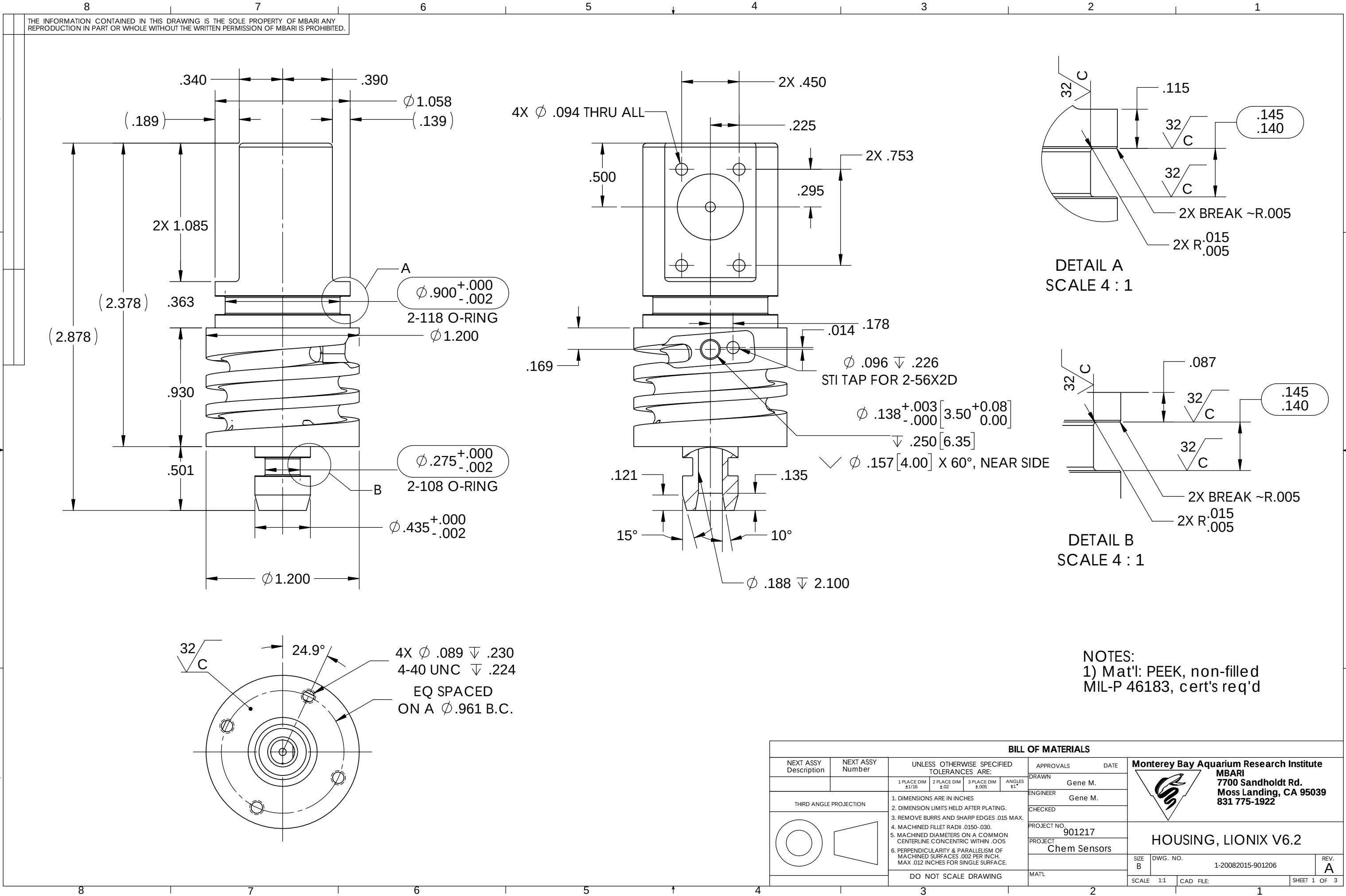


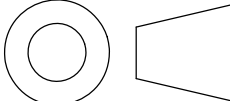


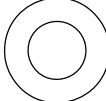
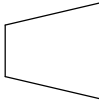
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

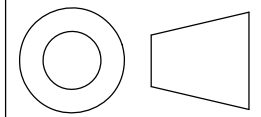
DETAIL A
SCALE 4 : 1

DETAIL B
SCALE 4 : 1

NOTES:
1) Mat'l: PEEK, non-filled
MIL-P 46183, cert's req'd

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.			
						ENGINEER	Gene M.			
						CHECKED				
						PROJECT NO.	901217			
						PROJECT	Chem Sensors			
THIRD ANGLE PROJECTION		1. DIMENSIONS ARE IN INCHES 2. DIMENSION LIMITS HELD AFTER PLATING. 3. REMOVE BURRS AND SHARP EDGES .015 MAX. 4. MACHINED FILET 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		MAT'L		
						SIZE B		DWG. NO.	1-20082015-901206	REV. A
						SCALE 1:1		CAD FILE:		SHEET 1 OF 3

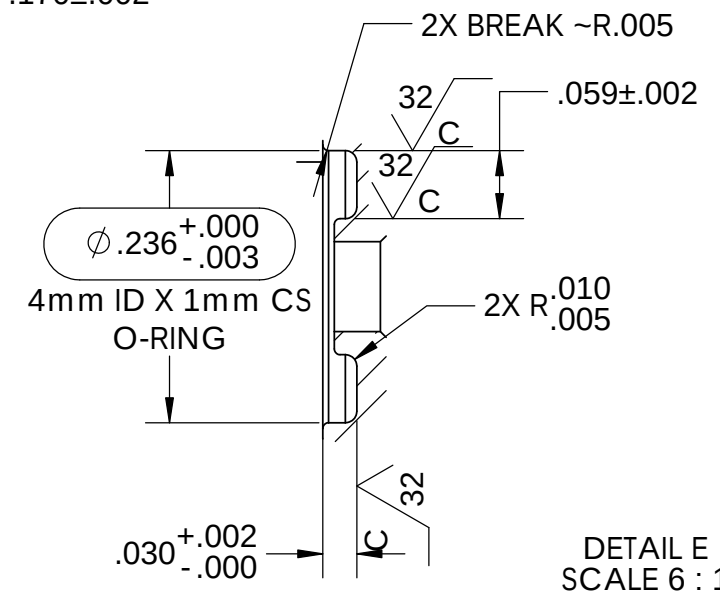
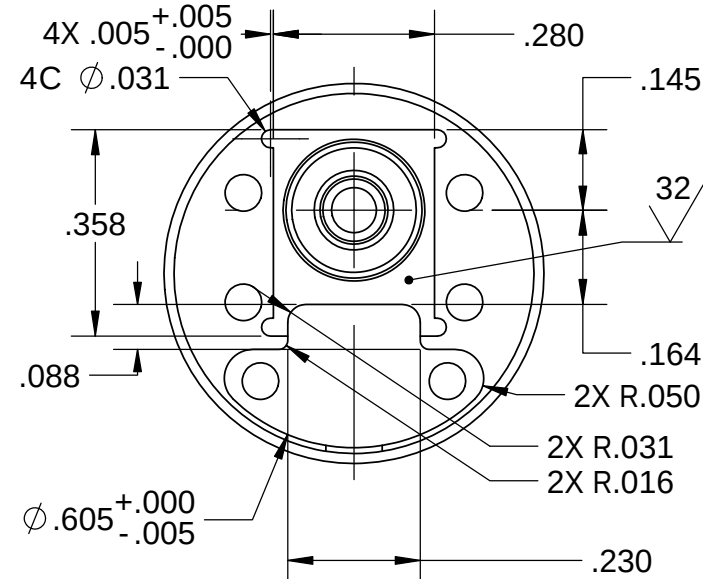
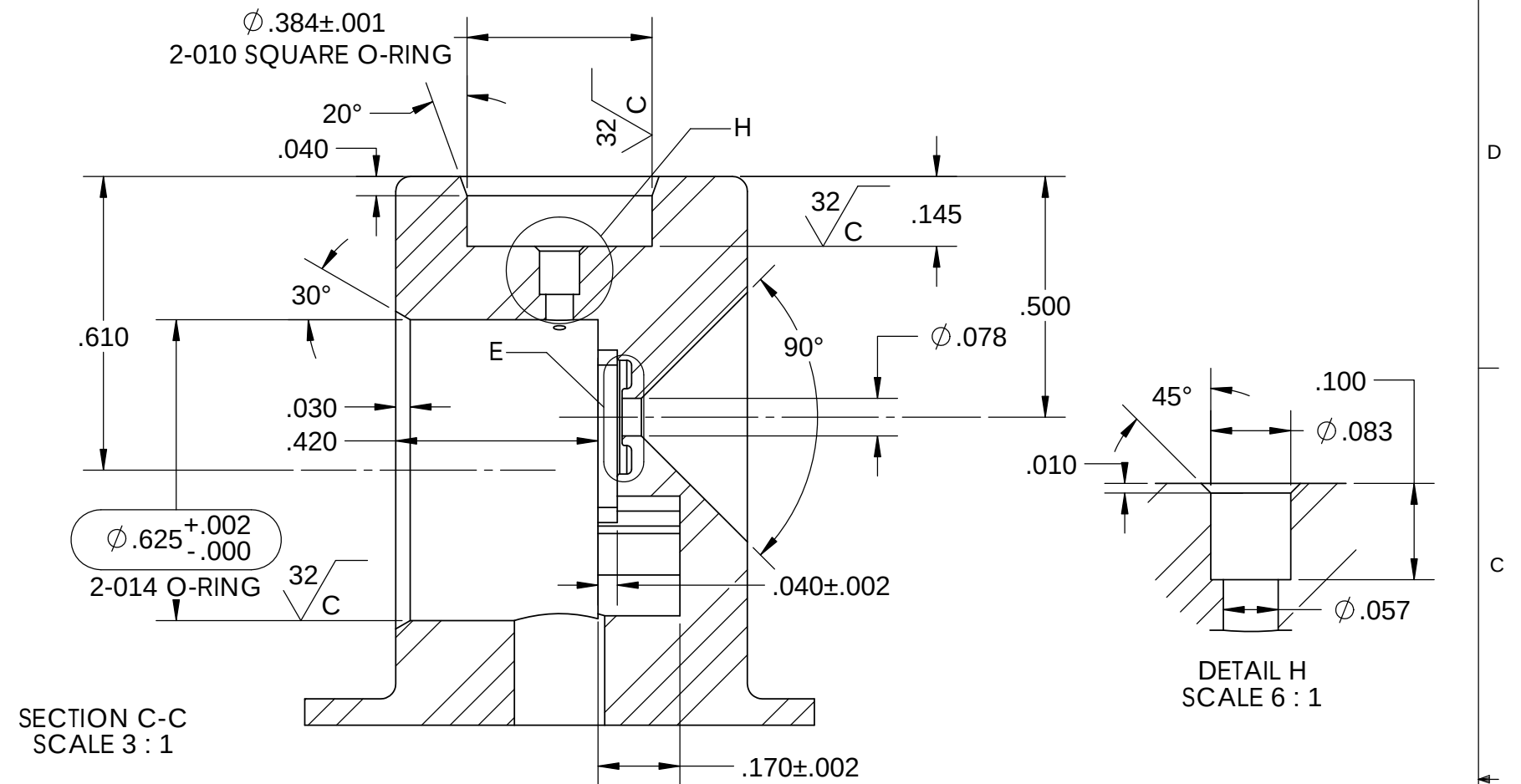
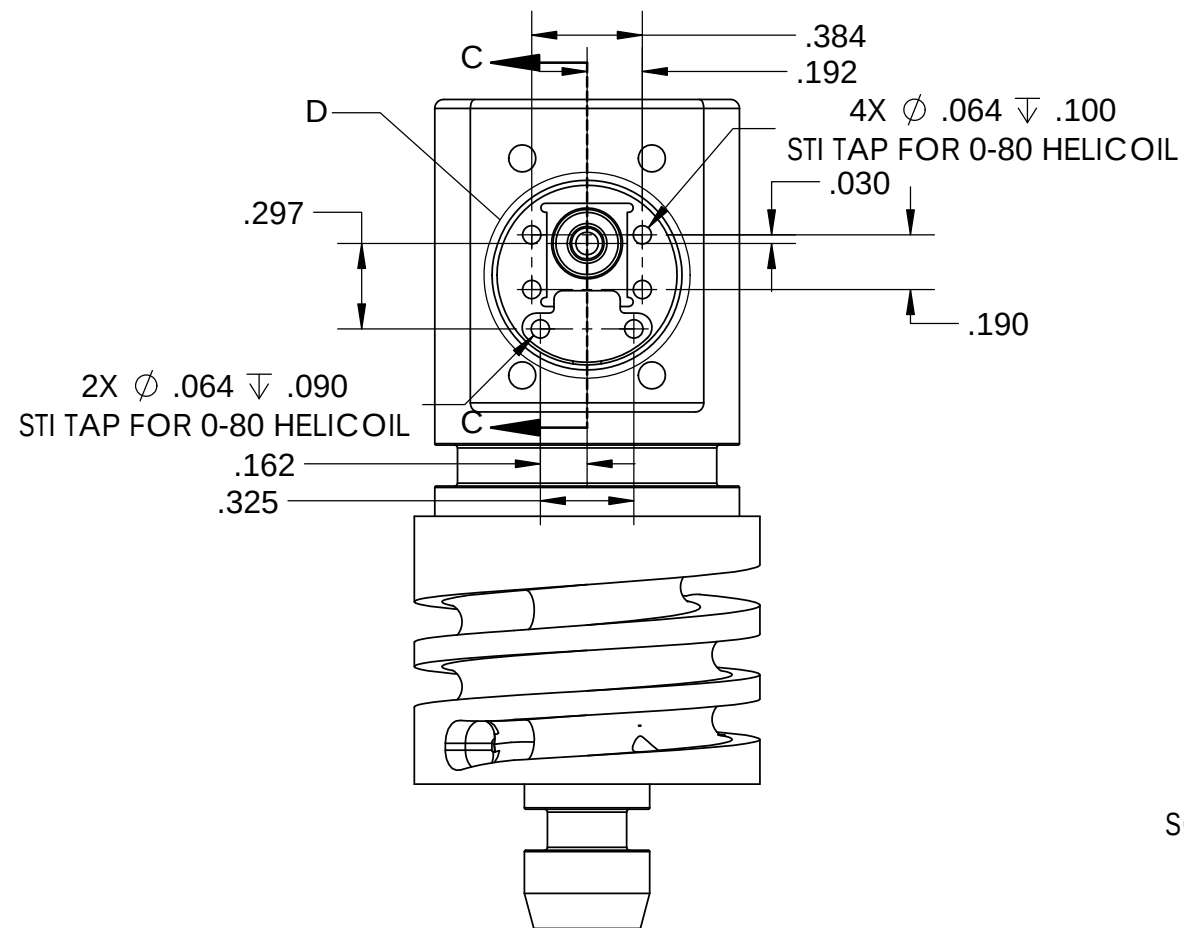
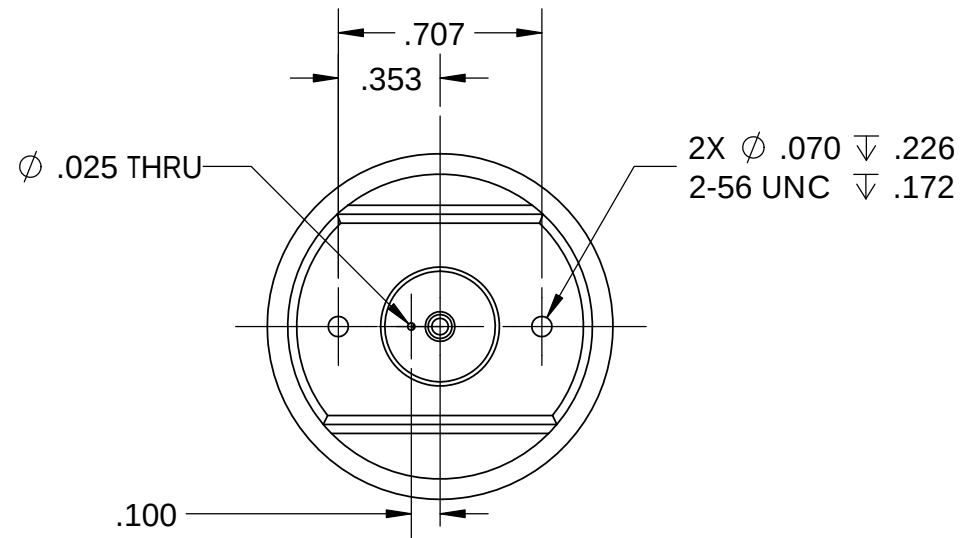
BILL OF MATERIALS											
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922  HOUSING, LIONIX V6.2	
		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE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



- 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.

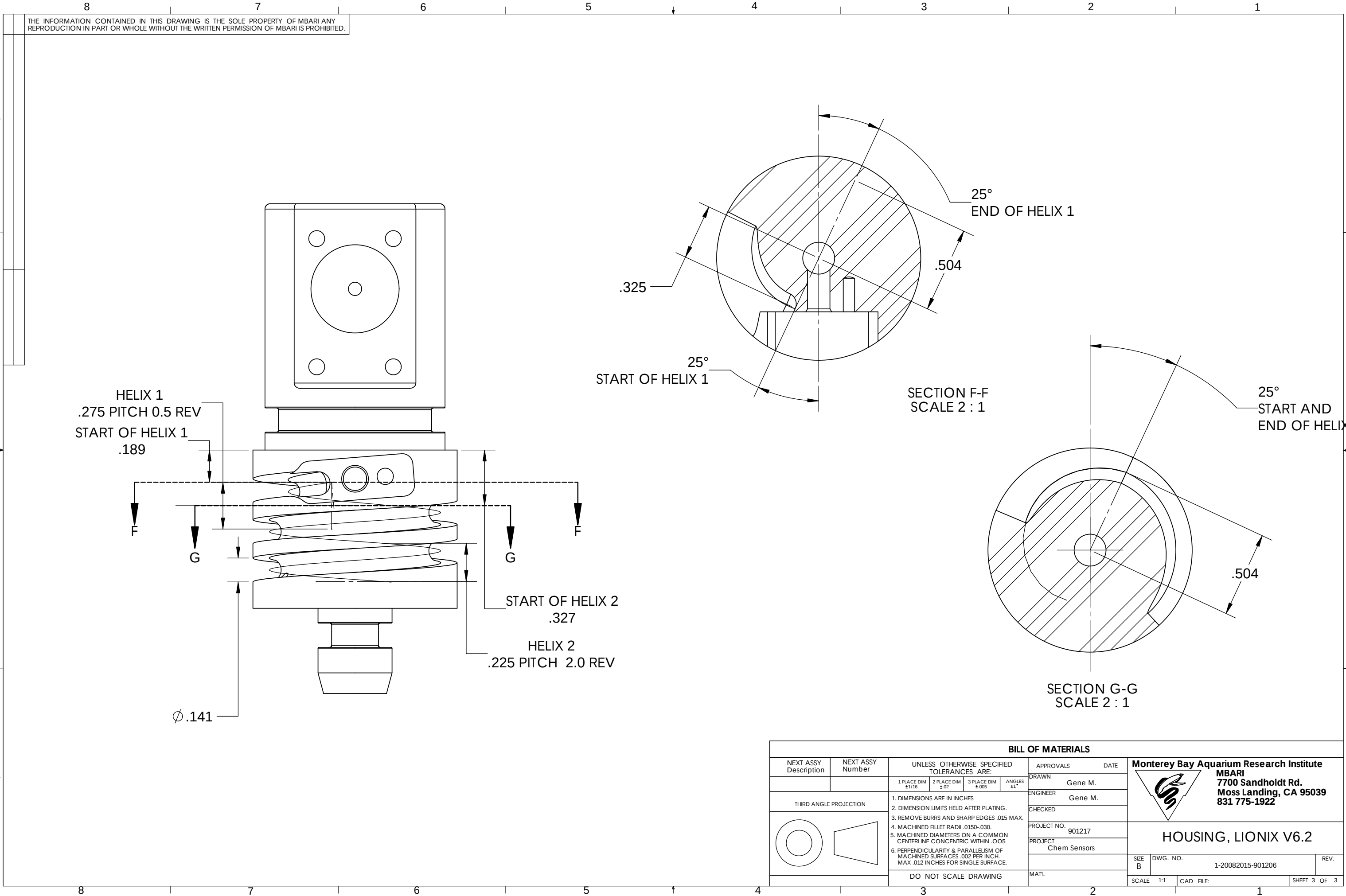
DO NOT SCALE DRAWING

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.



DETAIL D
SCALE 3 : 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.				
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. 901217			
					PROJECT Chem Sensors	HOUSING , LIONIX V6.2			
					SIZE B	DWG. NO. 1-20082015-901206			REV.
					SCALE 1:1	CAD FILE:			SHEET 2 OF 3
DO NOT SCALE DRAWING					MATL				



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.

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		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 831 775-1922 HOUSING, LIONIX V6.2 SIZE B DWG. NO. 1-20082015-901206 REV. SCALE 1:1 CAD FILE: SHEET 3 OF 3					
		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.	901217	
										PROJECT	Chem Sensors	
DO NOT SCALE DRAWING							MAT'L					