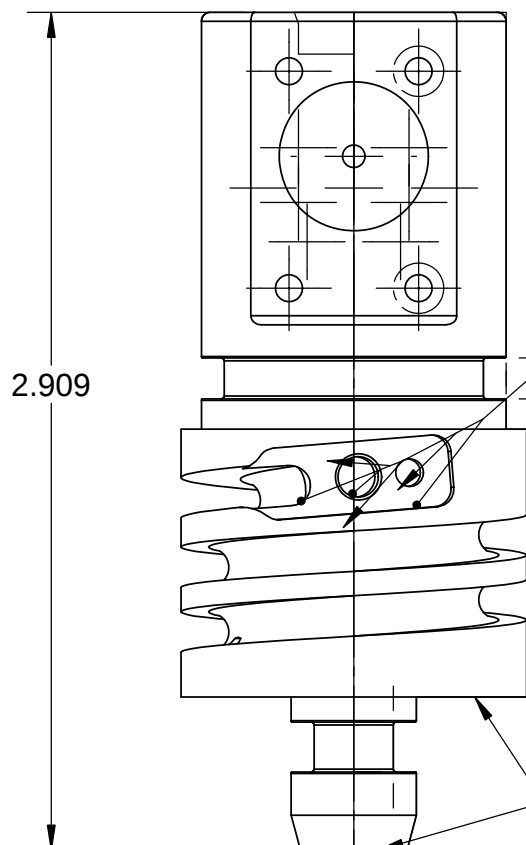
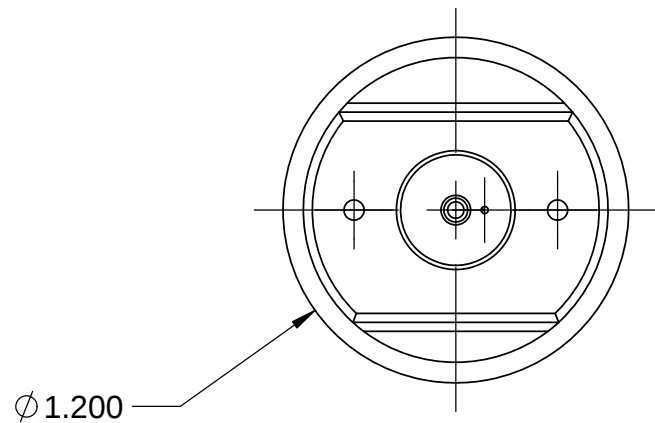
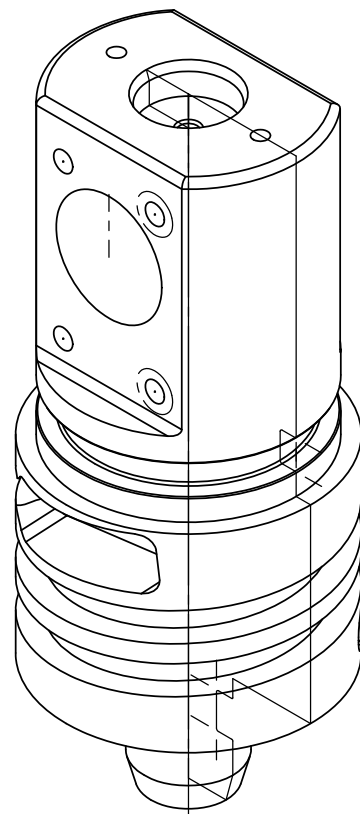
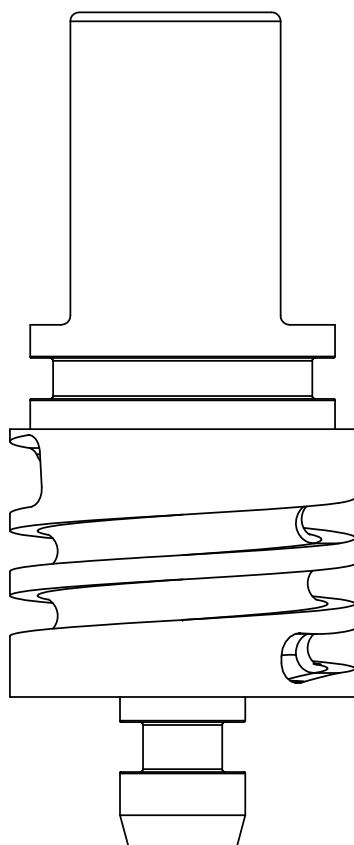


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NO SUPPORT MAT'L
ANYWHERE IN THIS
RECESS

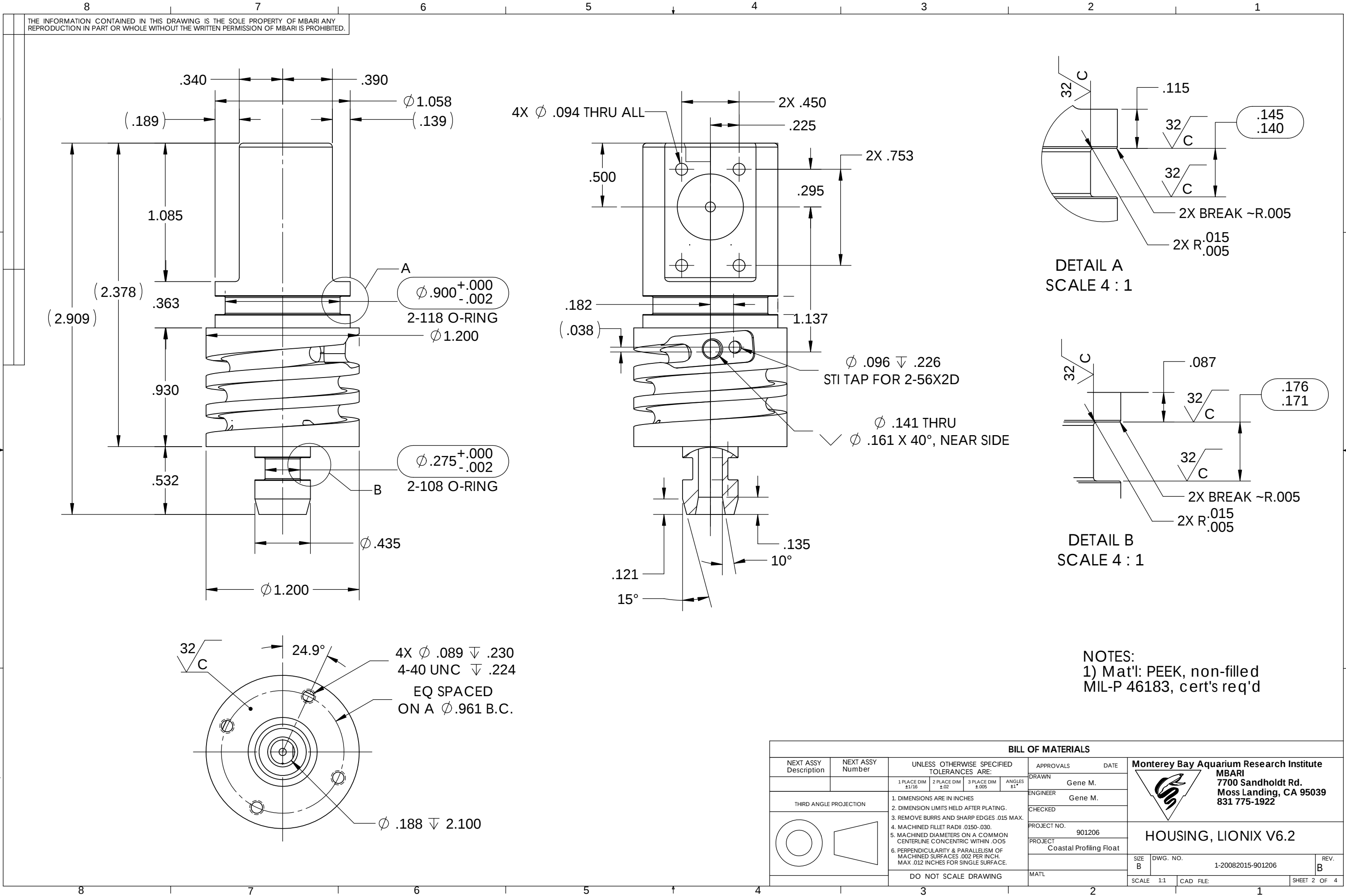
SUPPORT MAT'L
OK THESE FACES



NOTES:

- 1) Formlabs printed part
- 2) Mat'l: Clear
- 3) Print at best resolution

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.				
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.			CHECKED	HOUSING LIONIX V6.2			
					PROJECT NO. 901206				
					PROJECT Coastal Profiling Float				
						SIZE B	DWG. NO.	REV. B	
		DO NOT SCALE DRAWING			MAT'L	SCALE 1:1 CAD FILE: SHEET 1 OF 4			



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$\phi .900^{+.000}_{-.002}$
2-118 O-RING

$\phi .275^{+.000}_{-.002}$
2-108 O-RING

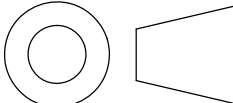
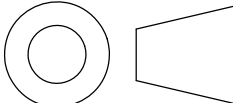
4X $\phi .089 \nabla .230$
4-40 UNC $\nabla .224$
EQ SPACED
ON A $\phi .961$ B.C.

$\phi .096 \nabla .226$
STI TAP FOR 2-56X2D
 $\phi .141$ THRU
 $\phi .161 \times 40^\circ$, NEAR SIDE

DETAIL A
SCALE 4 : 1

DETAIL B
SCALE 4 : 1

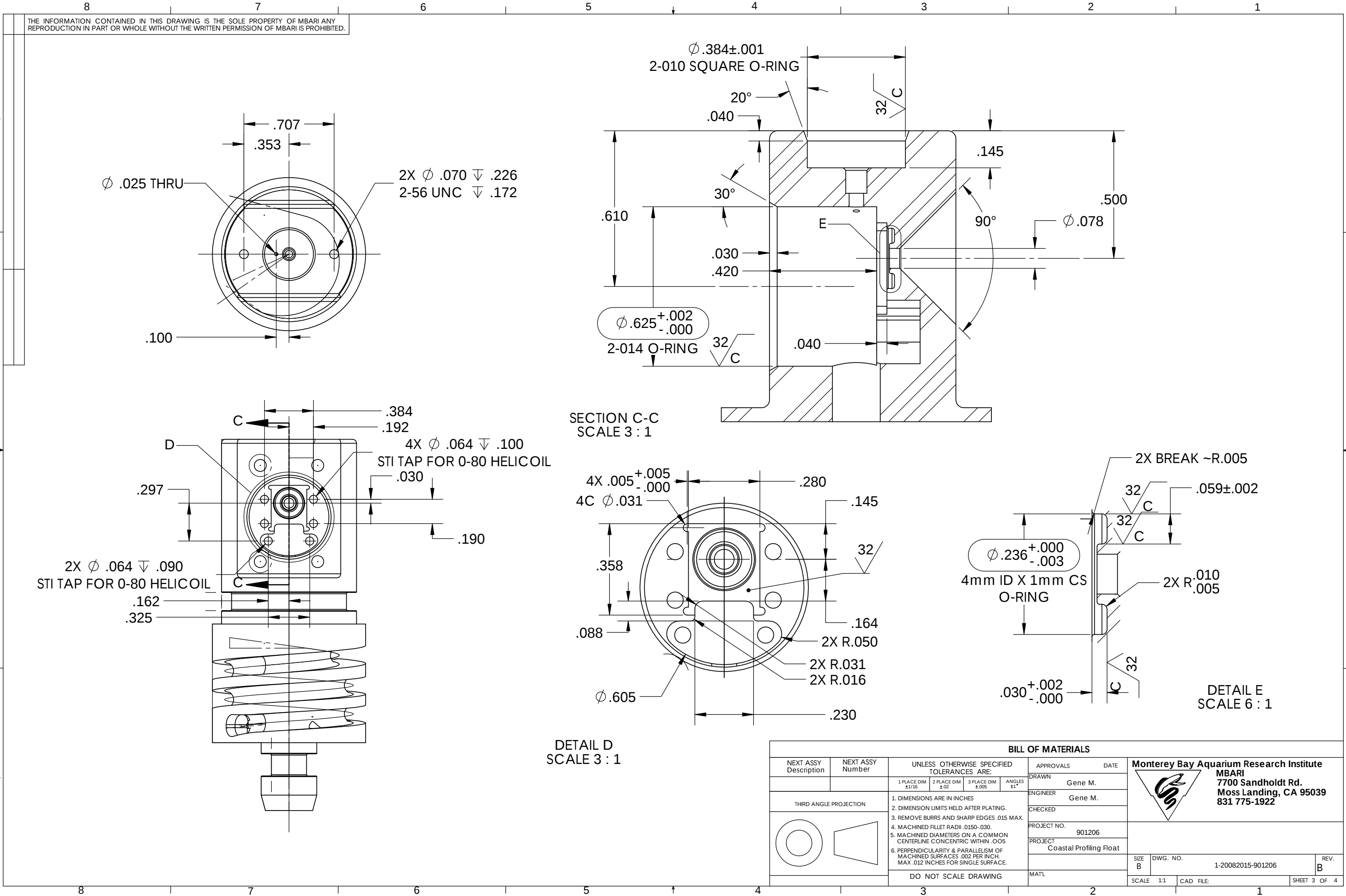
NOTES:
1) Mat'l: PEEK, non-filled
MIL-P 46183, cert's req'd

BILL OF MATERIALS										
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		
		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	
						ENGINEER	Gene M.			
						CHECKED				
						PROJECT NO.	901206			
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	Coastal Profiling Float		 HOUSING, LIONIX V6.2	
										
		DO NOT SCALE DRAWING				MAT'L		SIZE B	DWG. NO. 1-20082015-901206	REV. B
								SCALE 1:1	CAD FILE:	SHEET 2 OF 4

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

HOUSING, LIONIX V6.2

REV.
B

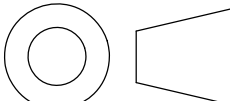


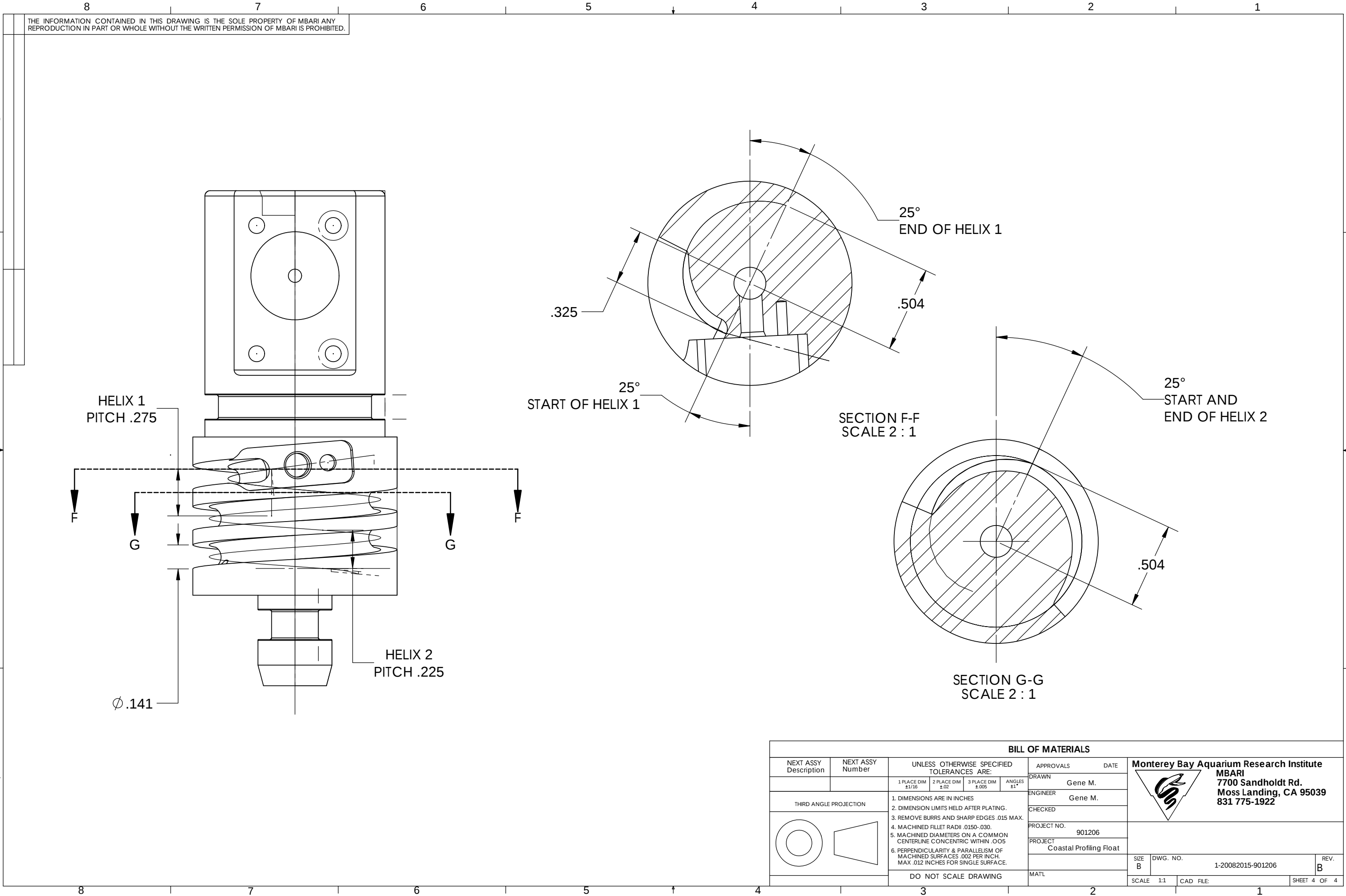
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SECTION C-C
SCALE 3 : 1

DETAIL D
SCALE 3 : 1

DETAIL E
SCALE 6 : 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.	901206			
						PROJECT	Coastal Profiling Float			
						MAT'L				
		DO NOT SCALE DRAWING								
						SCALE	1:1	CAD FILE:		SHEET 3 OF 4
						SIZE	B	DWG. NO.		1-20082015-901206
								REV.		B



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HELIX 1
PITCH .275

HELIX 2
PITCH .225

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.					
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						CHECKED						
						PROJECT NO.	901206					
						PROJECT	Coastal Profiling Float					
		DO NOT SCALE DRAWING				MAT'L		SIZE B	DWG. NO. 1-20082015-901206	REV. B		
						SCALE 1:1	CAD FILE:		SHEET 4 OF 4			