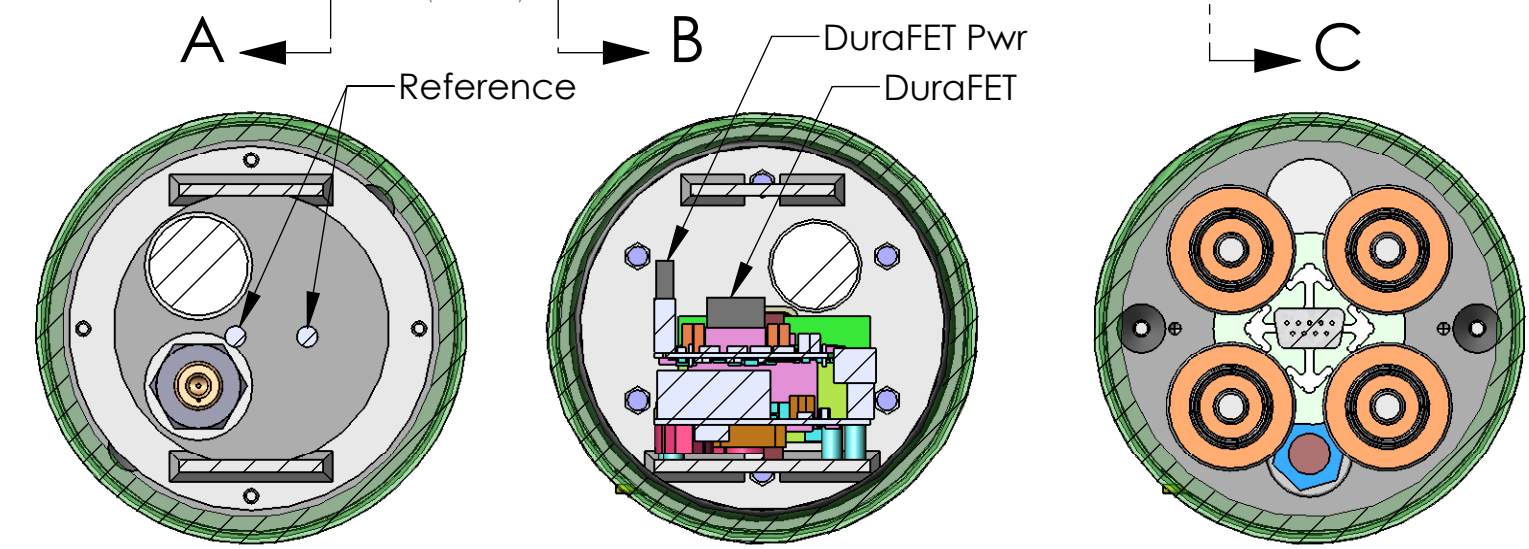
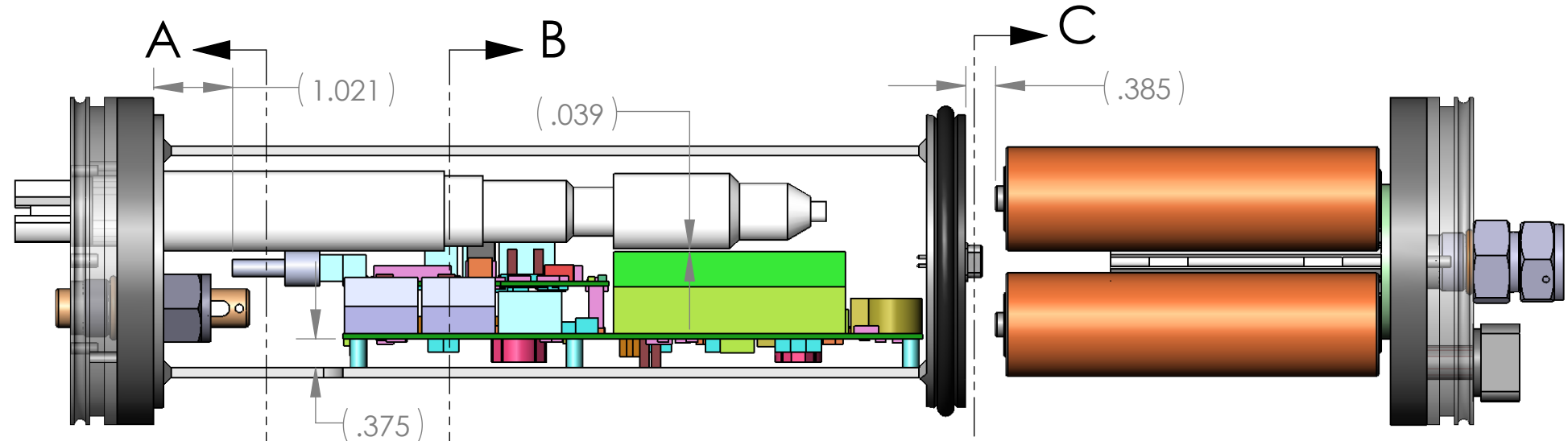
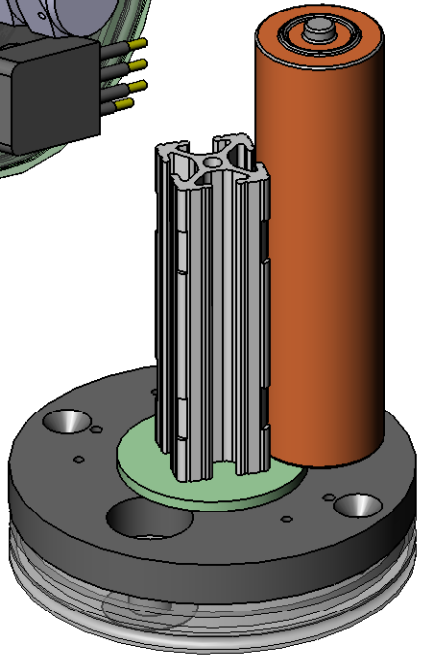
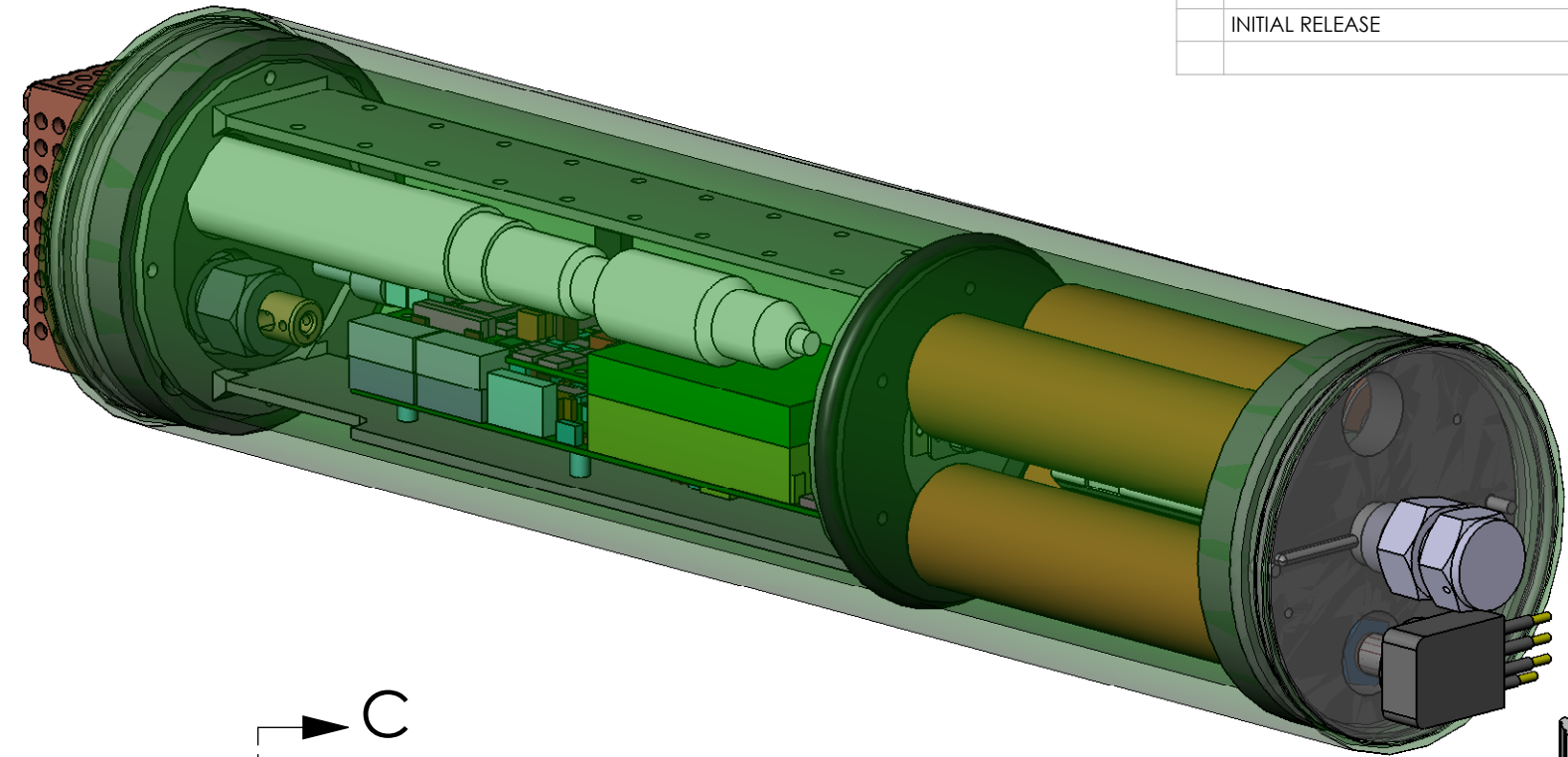
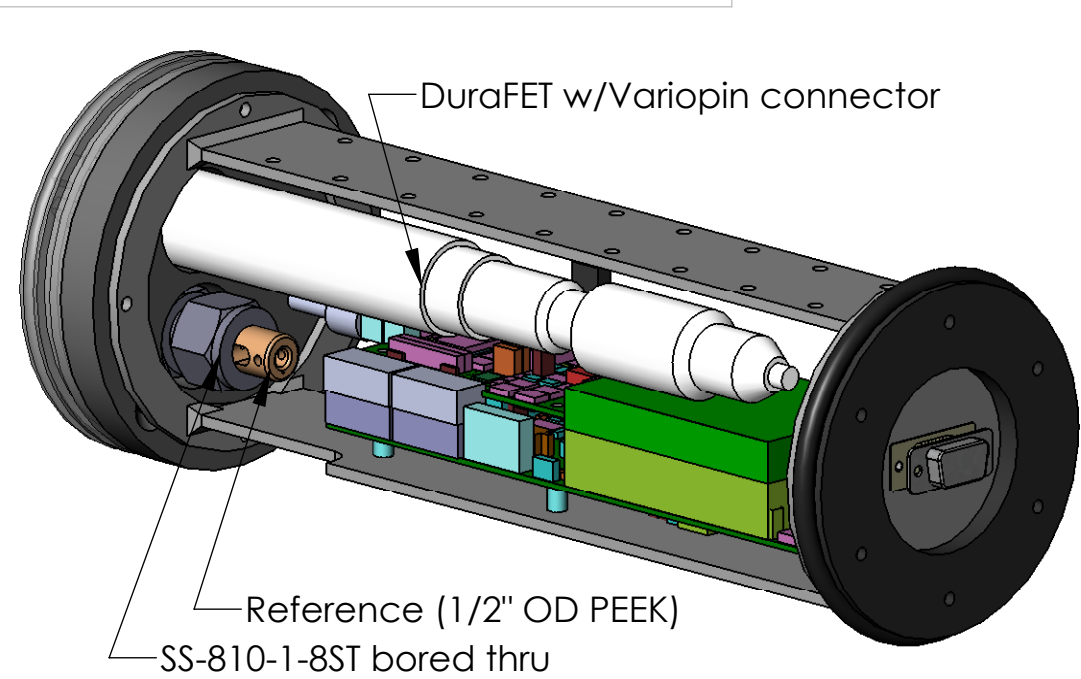


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



SECTION A-A
SCALE 1 : 2

SECTION B-B
SCALE 1 : 2

SECTION C-C
SCALE 1 : 2

Item No.	Qty	Part No.	Description	Material Specification
8	1		Internal seal	HDPE
7	1		Battery support	1" 80-20 Aluminum strut
A6	1		pH bracket	Welded Aluminum Assy
5	1		Endcap 2-Outside	Delrin (black)
4	1		Endcap 1-Outside	Delrin (black)
3	1		Endcap 2-support	Config A: Ti 6AL4V Config B&C: Al-6061-T6 hard anodized
2	1		Endcap 1-support	Config A: Ti 6AL4V Config B&C: Al-6061-T6 hard anodized
1	1		Housing	Config A&B: Al-6061-T6 hard anodized Config C: Gray PVC

Bill of Materials			
Shop / Q.C.		APPROVALS	DATE
Inspector		DRAWN	4/25/11
Shop Foreman		ENGINEER	
Engineer		CHECKED	
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO.	900918
		PROJECT	Novel Sensors
		WEIGHT	
		SCALE	1:3
		CAD FILE	Tornado/chem/SWfiles
		SHEET	1 OF 7

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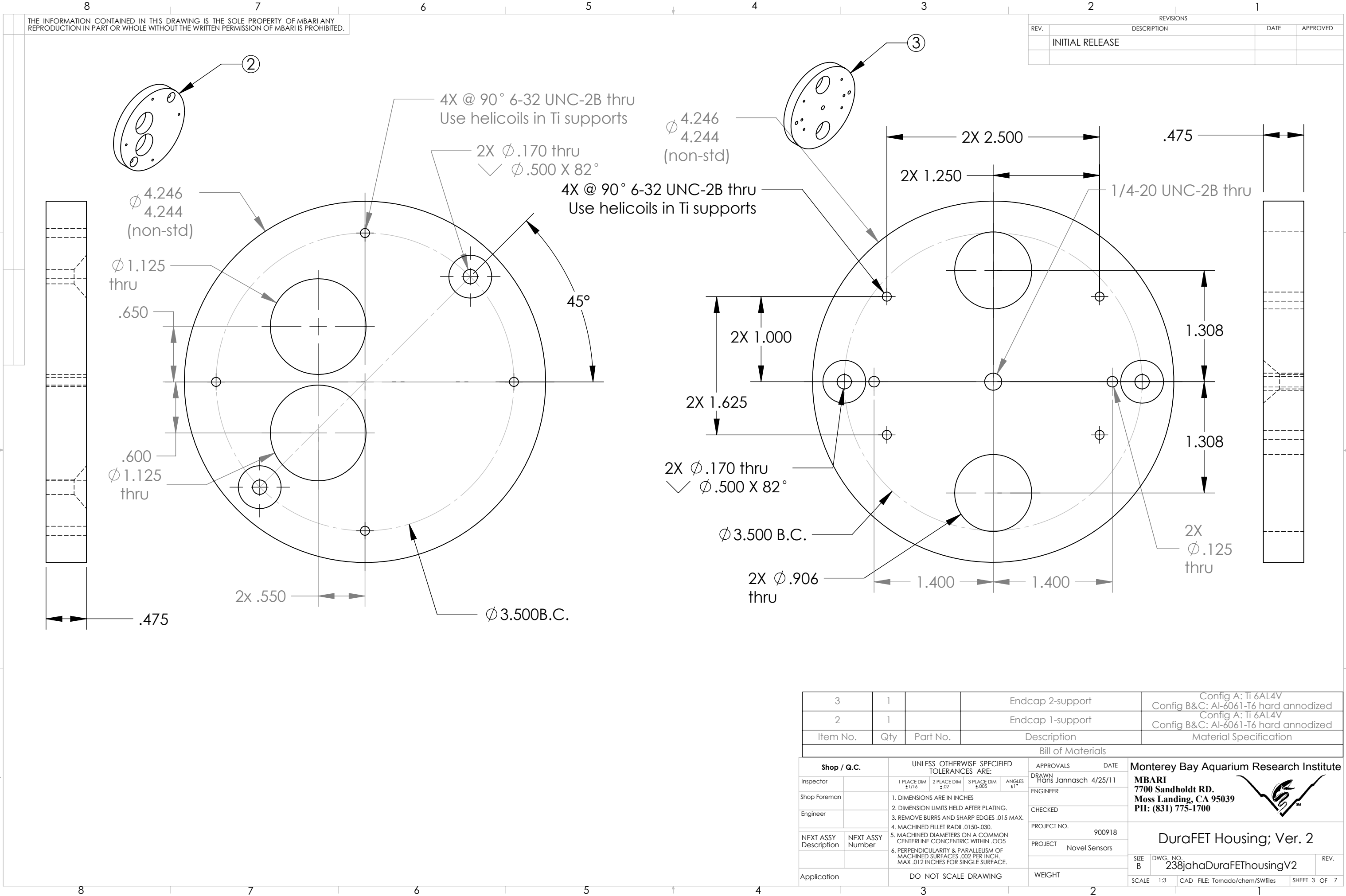
SIZE B DWG. NO. 238jahaDuraFETHousingV2 REV.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



Note 7: Use -242 Orings
Note 8: Use 1/8" Polypro cord

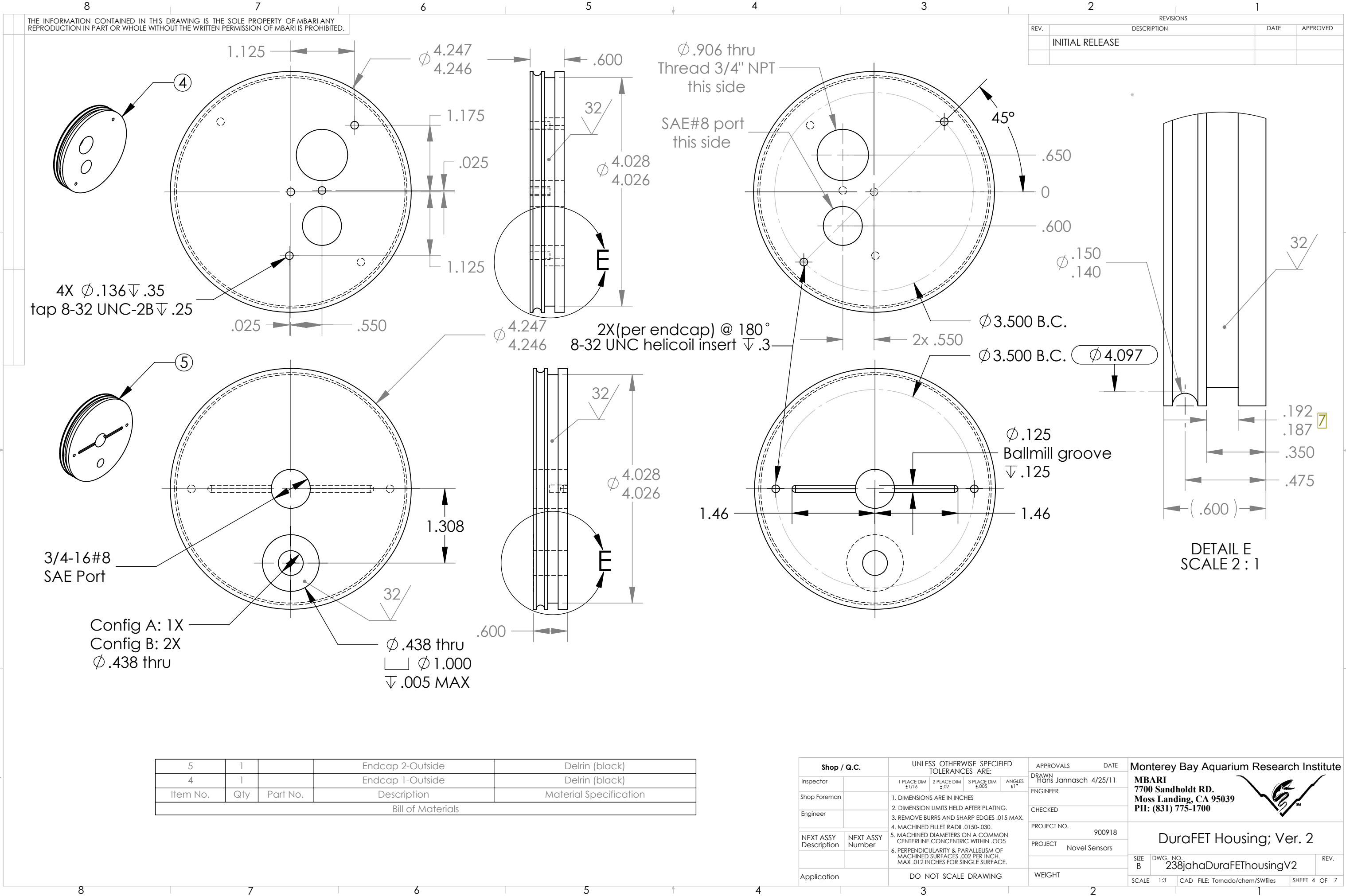
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt Rd. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch		4/25/11				
Shop Foreman		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. 238jahaDuraFETHousingV2 REV. SCALE 1:3 CAD FILE: Tornado/chem/SWfiles SHEET 2 OF 7		

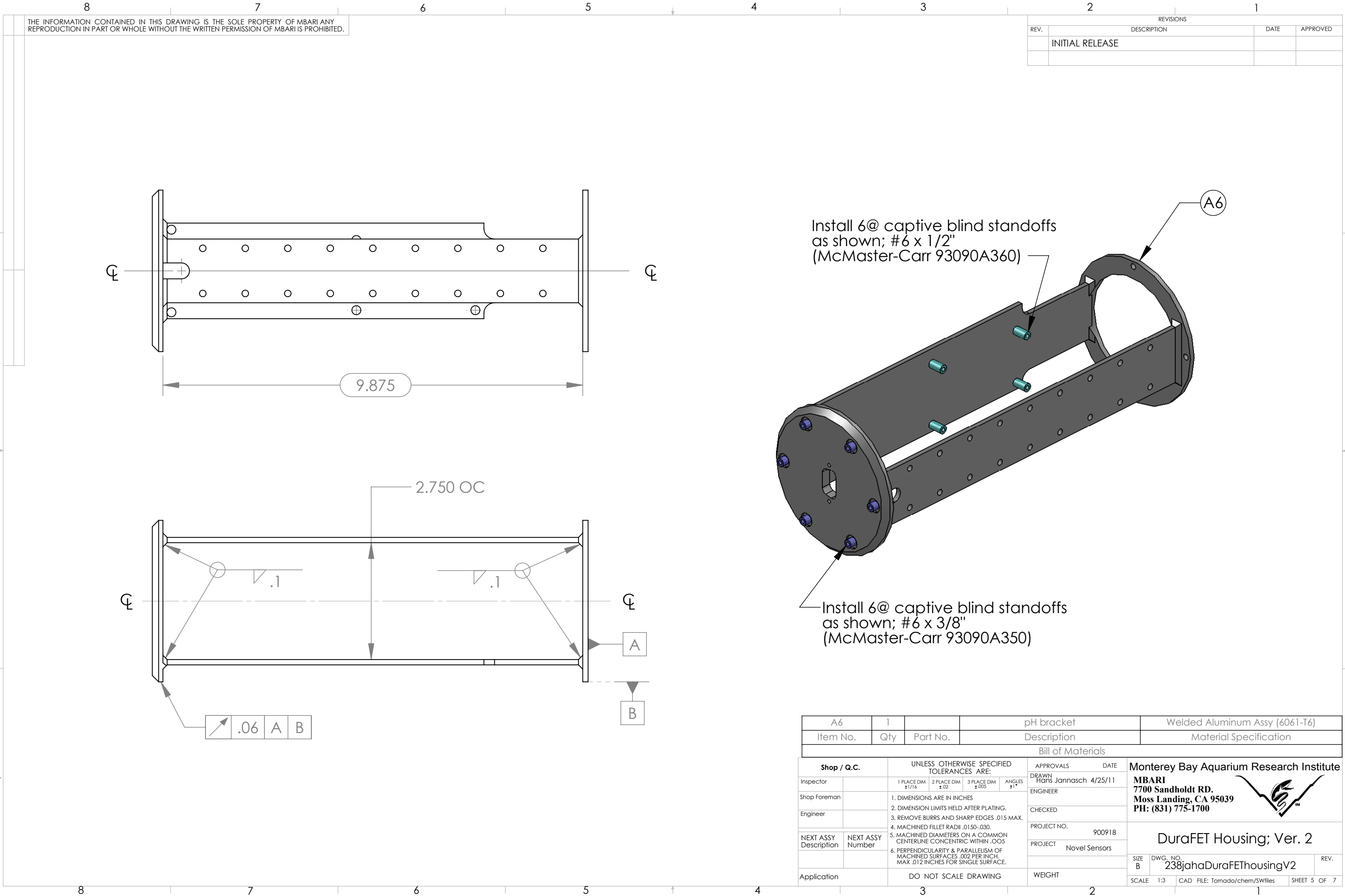


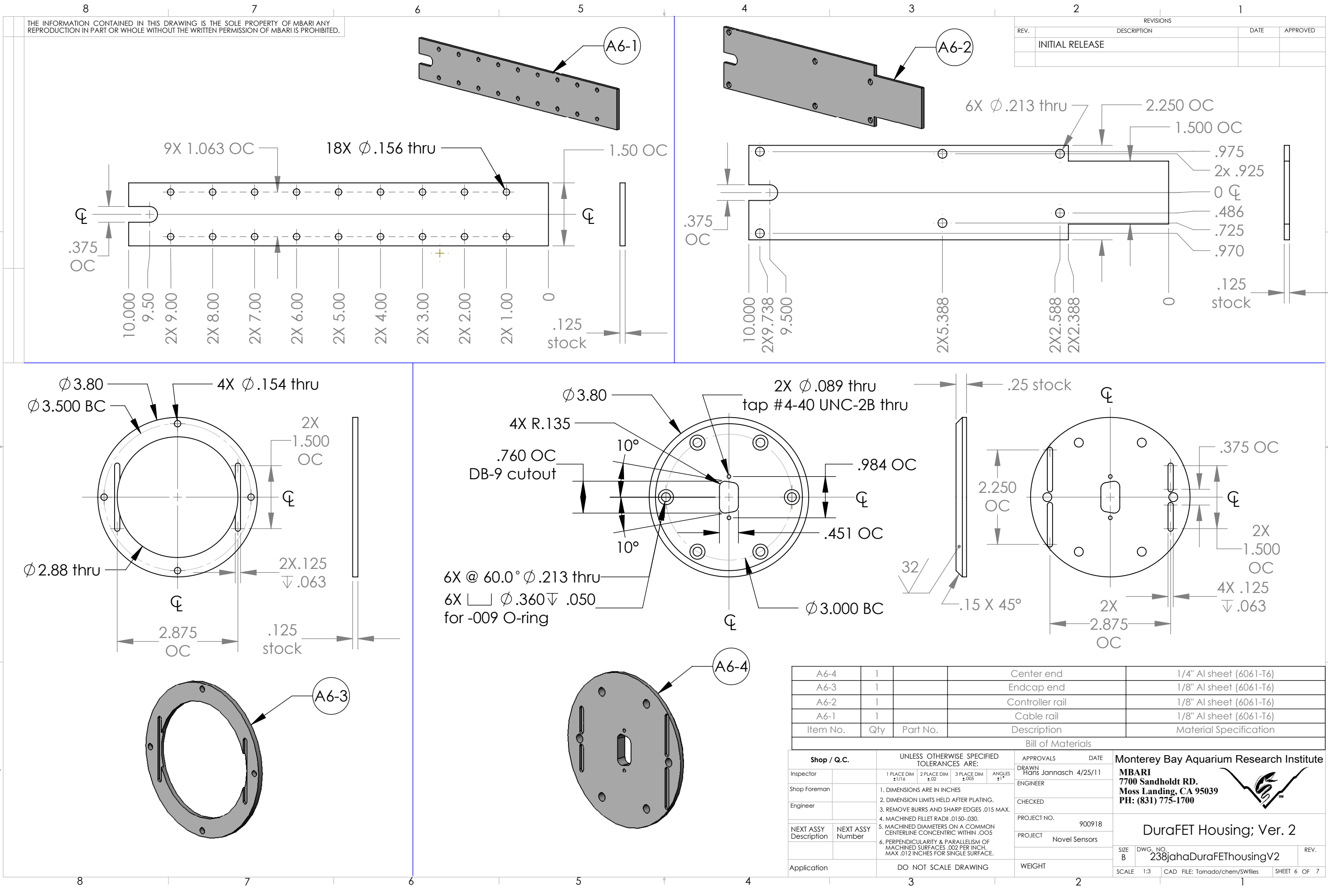
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

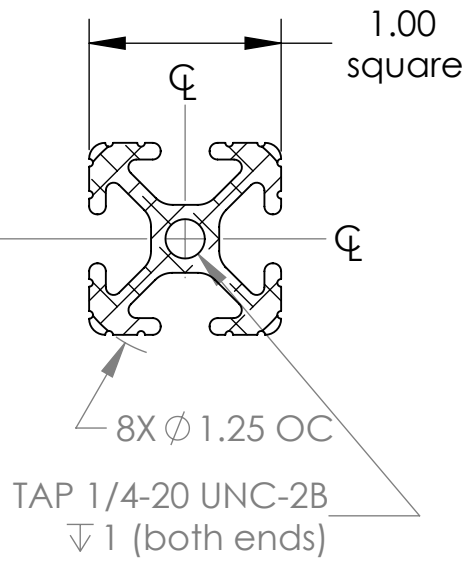
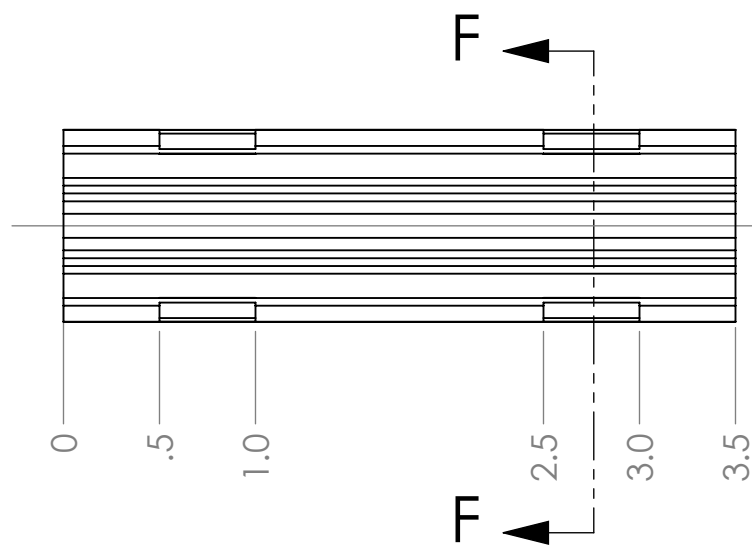
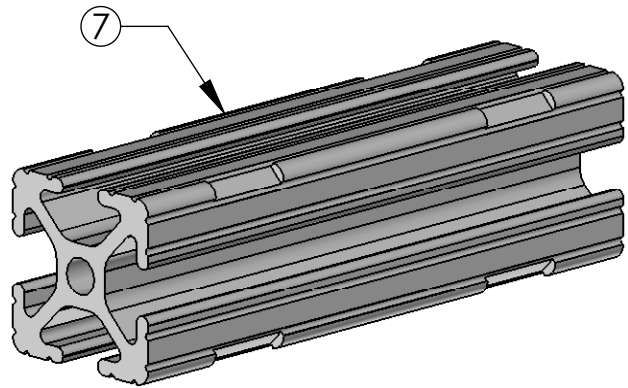
3	1		Endcap 2-support	Config A: Ti 6AL4V Config B&C: Al-6061-T6 hard anodized				
2	1		Endcap 1-support	Config A: Ti 6AL4V Config B&C: Al-6061-T6 hard anodized				
Item No.	Qty	Part No.	Description	Material Specification				
Bill of Materials								
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE				
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN Hans Jannasch 4/25/11		
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER		
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED		
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.						
		4. MACHINED FILLET RADII .0150-.030.						
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT NO. 900918		
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				PROJECT Novel Sensors		
Application		DO NOT SCALE DRAWING		WEIGHT		SIZE B	DWG. NO. 238jahaDuraFETHousingV2	REV.
		3		2		SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 3 OF 7



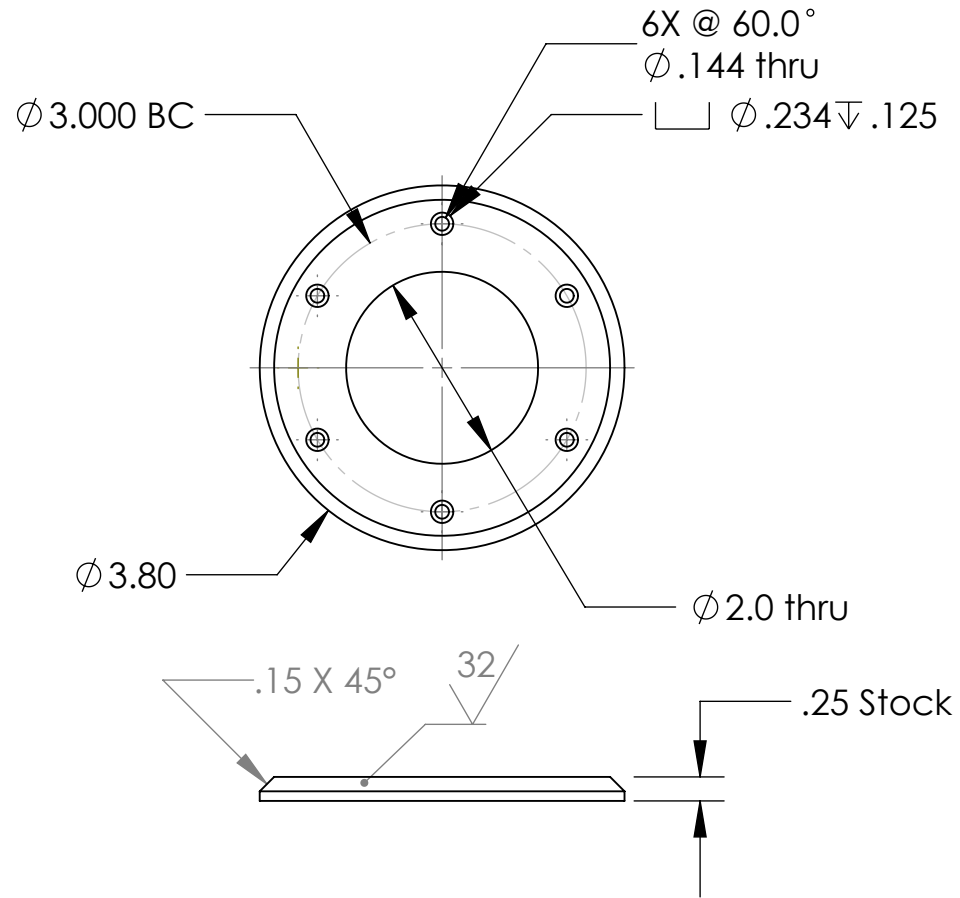
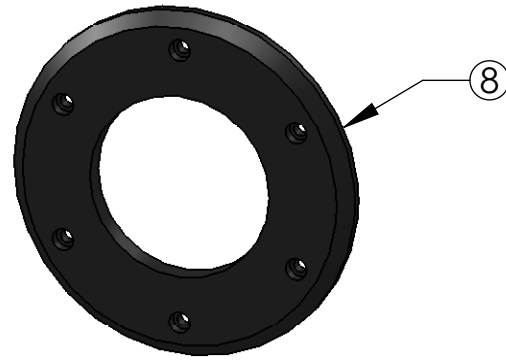




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SECTION F-F



8	1		Internal seal	HDPE
7	1		Battery support	1" 80-20 Aluminum strut
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°
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.			DRAWN Hans Jannasch 4/25/11
Engineer					ENGINEER
					CHECKED
					PROJECT NO. 900918
NEXT ASSY Description	NEXT ASSY Number				PROJECT Novel Sensors
Application		DO NOT SCALE DRAWING			WEIGHT

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SIZE B	DWG. NO. 238jahaDuraFETHousingV2	REV.	
SCALE 1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 7 OF 7	

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