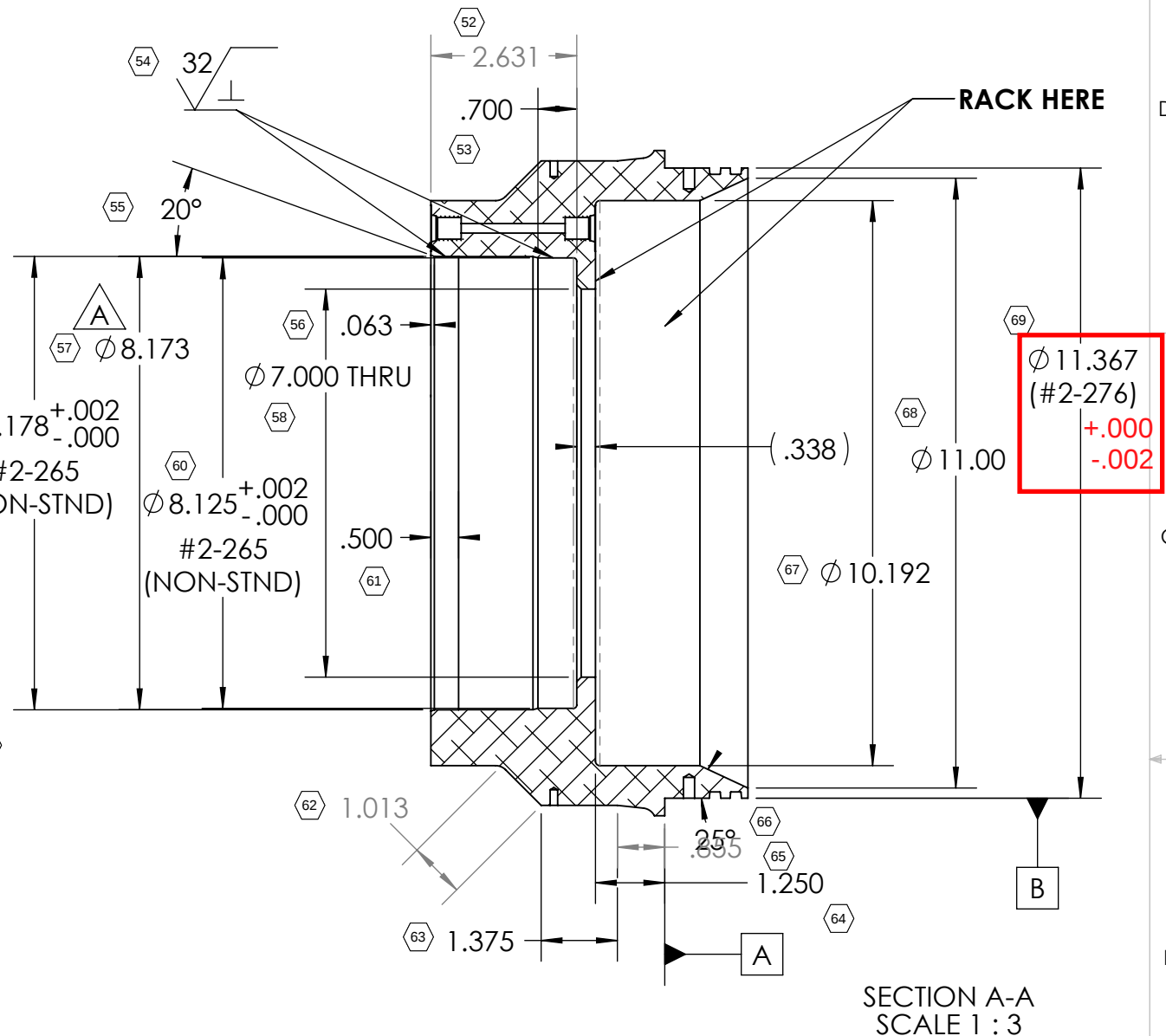
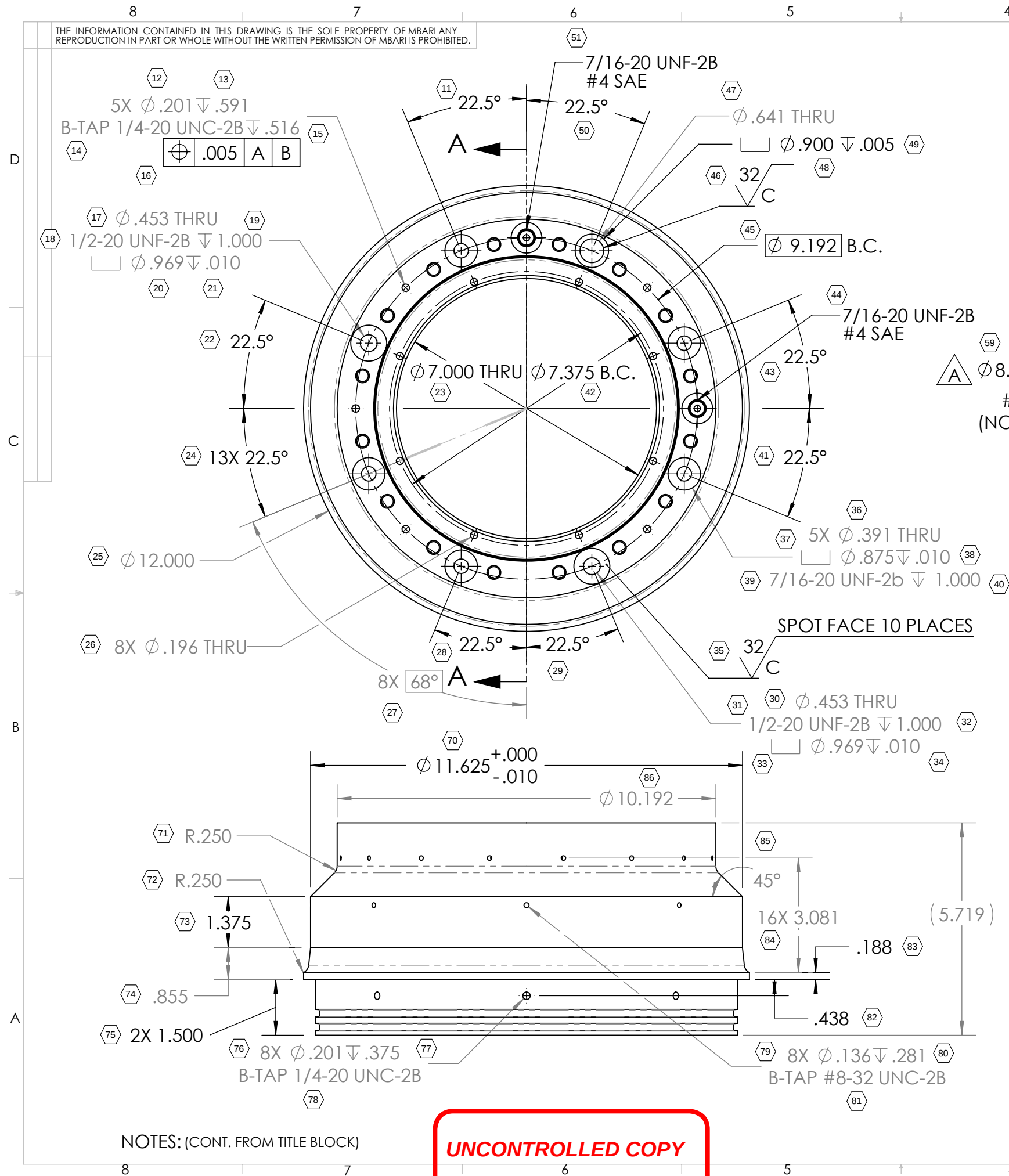


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REVISIONS					
	INITIAL RELEASE		REVISIONS	X/XX/01	J.E.
ZONE	REV.	DESCRIPTION		DATE	APPROVED
	A	ADDED O-RING SURFACE (SECTION A-A, DETAIL D)		7/23/2014	J.E.



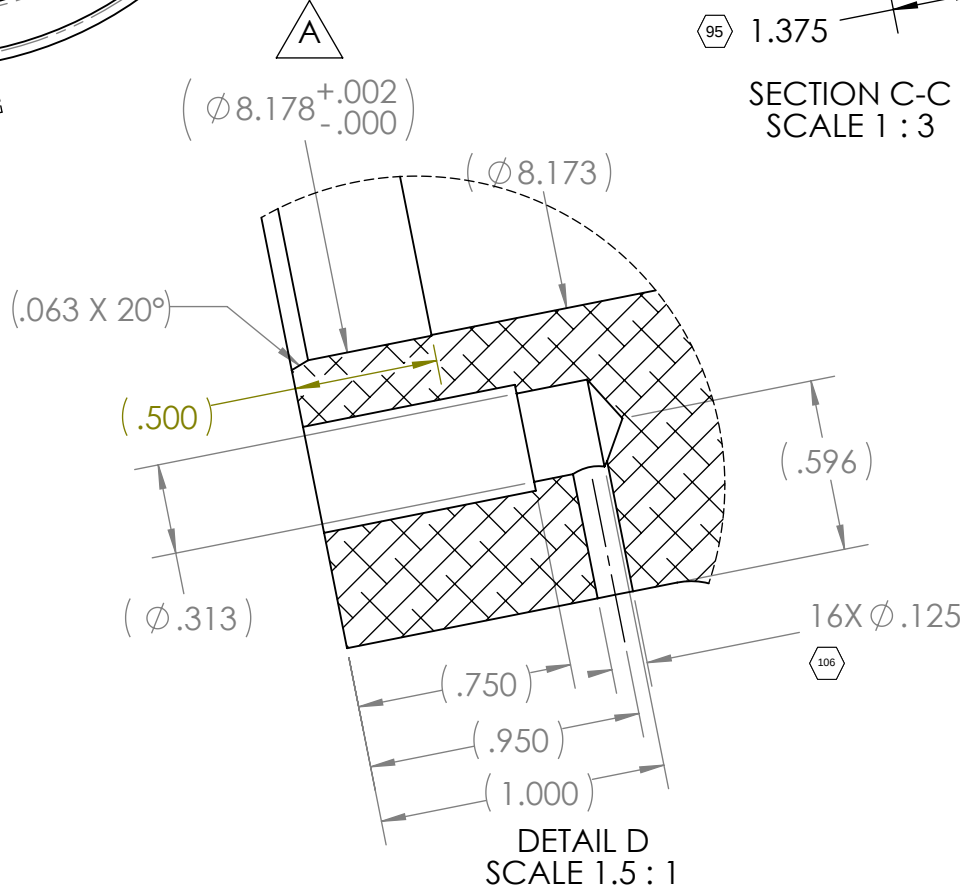
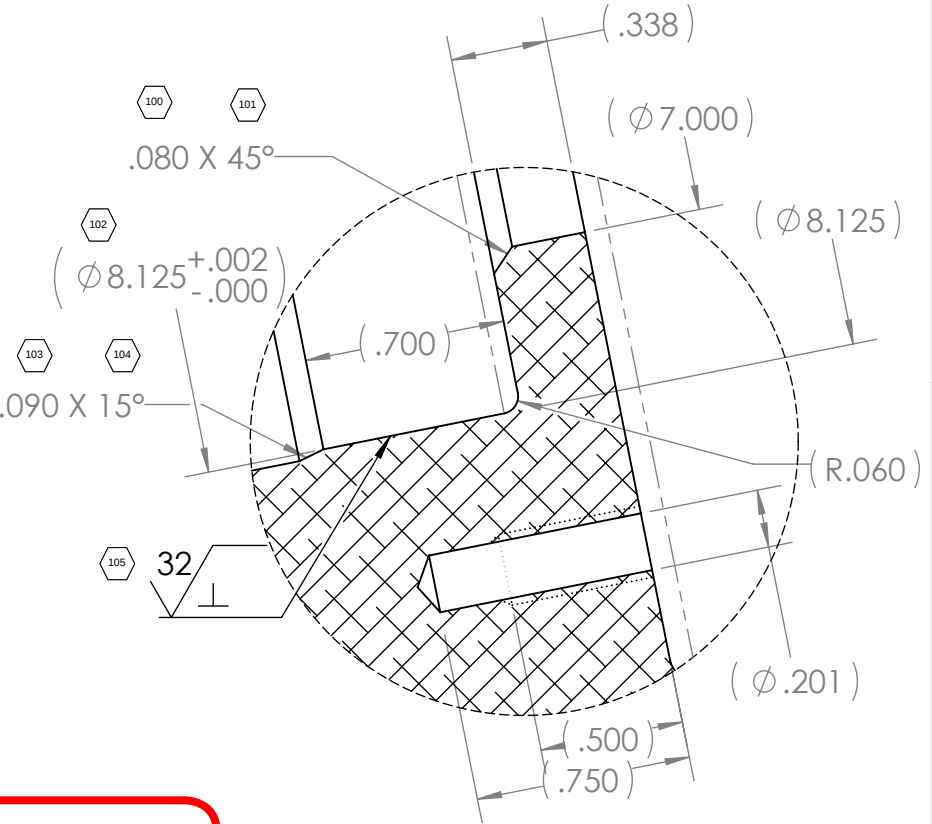
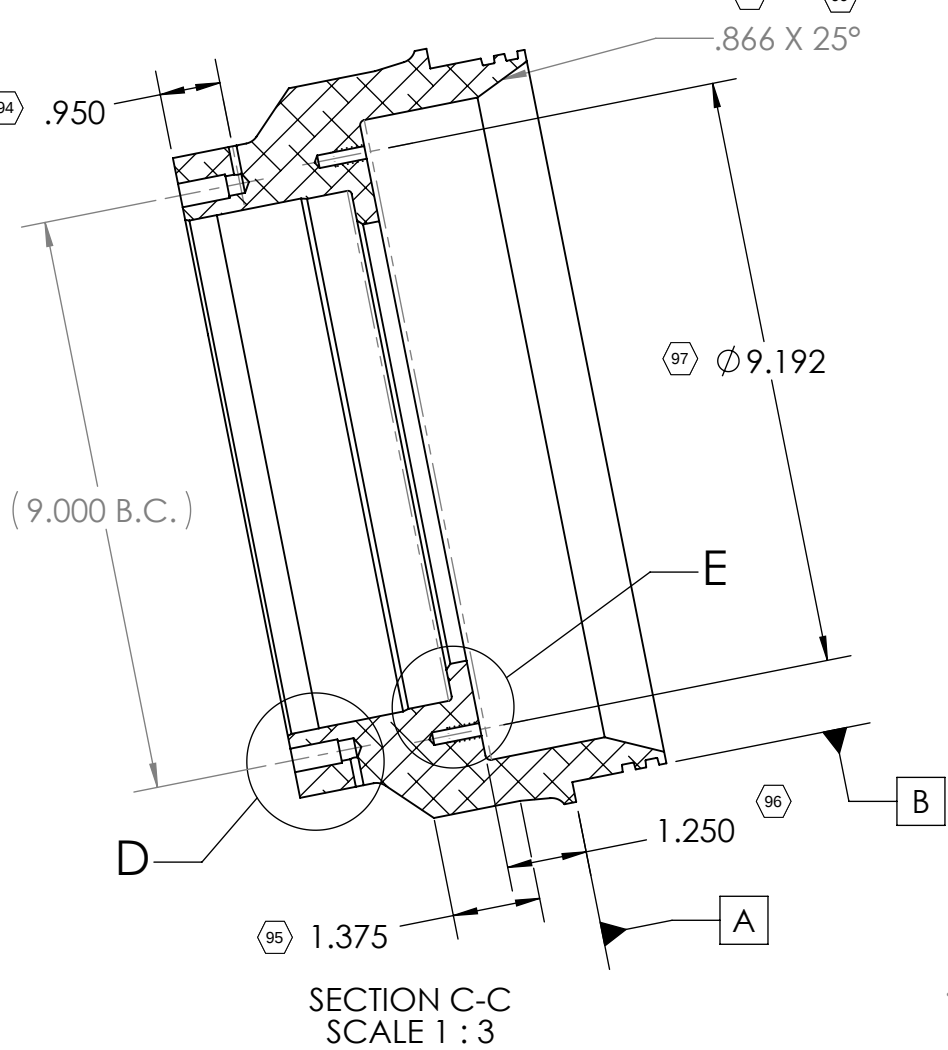
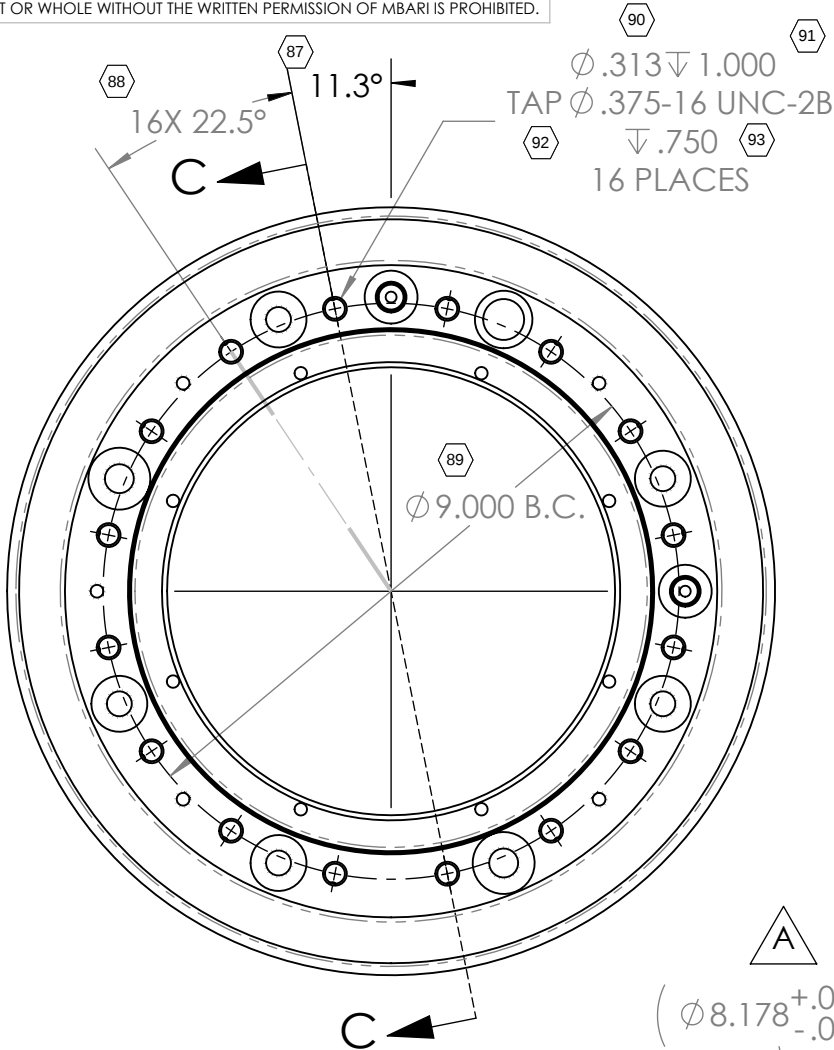
- ⑨ 9. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.
- ⑧ 8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F
Type III (.001 THICK) Nickel Acetate Seal Coat, TEFLON TOP COAT.
RACK AS SHOWN, (DIMENSION LIMITS HELD AFTER PLATING, see note #2)
- ⑦ 7. PROJECT LIBRARY:\ESP\G3-ESP\Solidworks files\Turbine\NewFMIdrive

1	1	P-201531-13	ESP Press Hull-DOME-A1	MBARI	6061-T6 Alloy	10
ITEM NO.	UNIT QTY.	Part_Number	DESCRIPTION	Vendor	MATERIAL	

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	J. ERICKSON 7/9/13				
Shop Foreman		1 2 3 4 5 6 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	J. ERICKSON 7/9/13				
Engineer						CHECKED					
NEXT ASSY Description	NEXT A Number					PROJECT NO.	901228.99				
						PROJECT	ESP				
Application		DO NOT SCALE DRAWING				WEIGHT	16.904				
 Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700						MAKAI - LRAUV ESP Press Hull-DOME-A1					
						SIZE B	DWG. NO.		P-201531-13.DWG		REV. A
						SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 1	OF 3		

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



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DETAIL E
SCALE 1.5 : 1

7. PROJECT LIBRARY:\ESP\G3-ESP\Solidworks files\Turbine\NewFMldrive

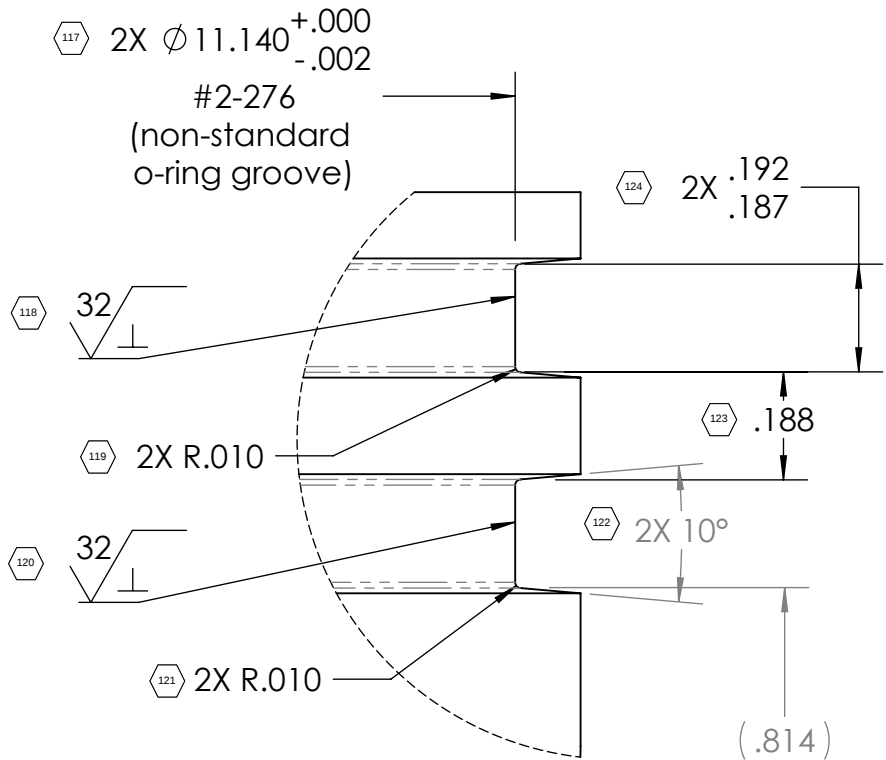
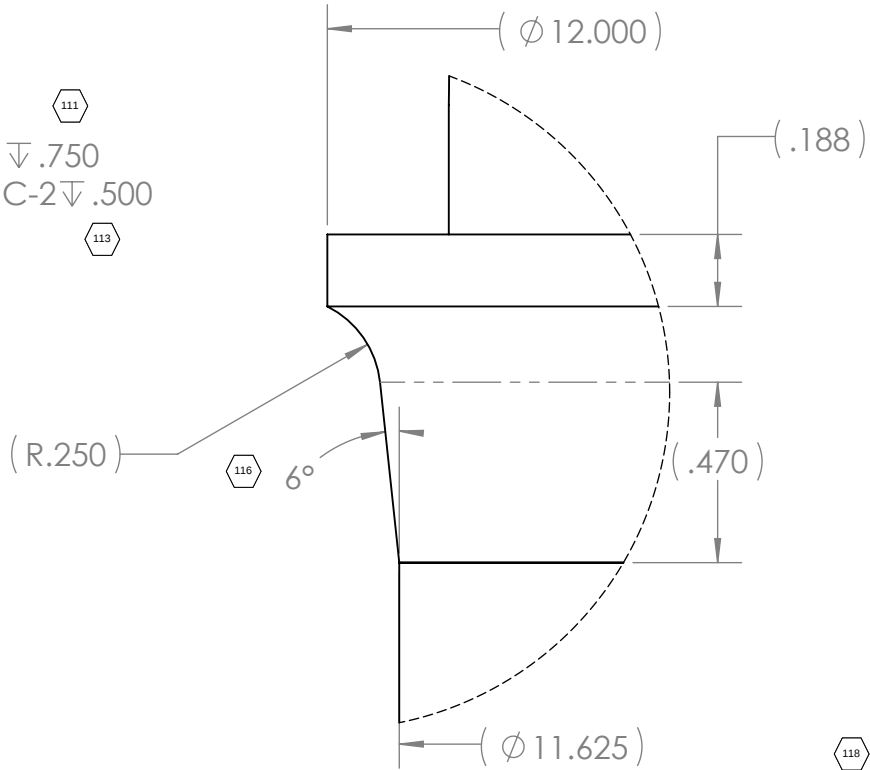
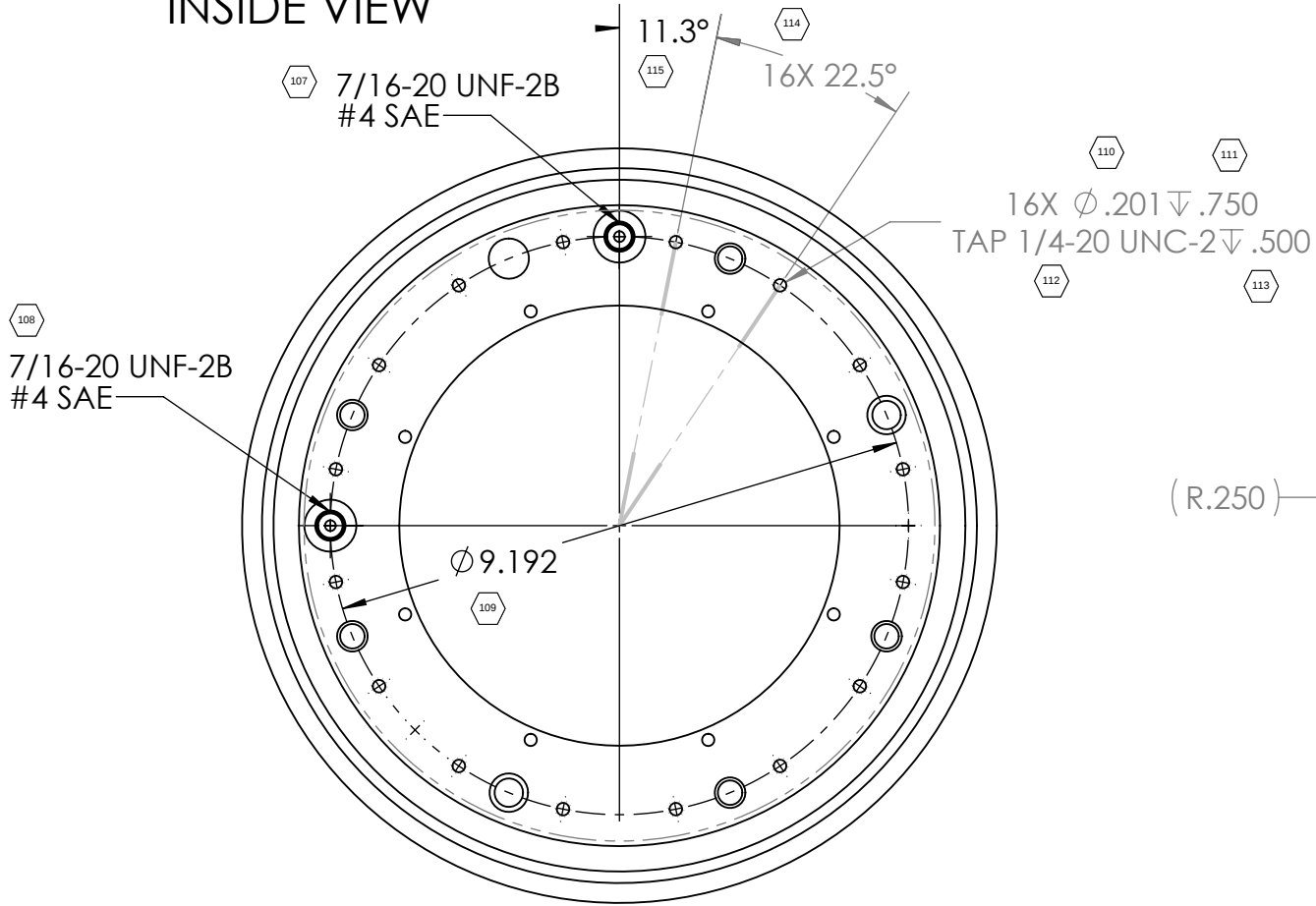
NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-201531-13	ESP Press Hull-DOME-A1		MBARI	6061-T6 Alloy		
ITEM NO.	UNIT QTY.	Part_Number	DESCRIPTION		Vendor	MATERIAL		
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°	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
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								
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 901228.99						MAKAI - LRAUV
		PROJECT ESP				ESP Press Hull-DOME-A1		
Application		DO NOT SCALE DRAWING			WEIGHT 16.904 lb.	SIZE B	DWG. NO. P-201531-13.DWG	REV. AR
						SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 3

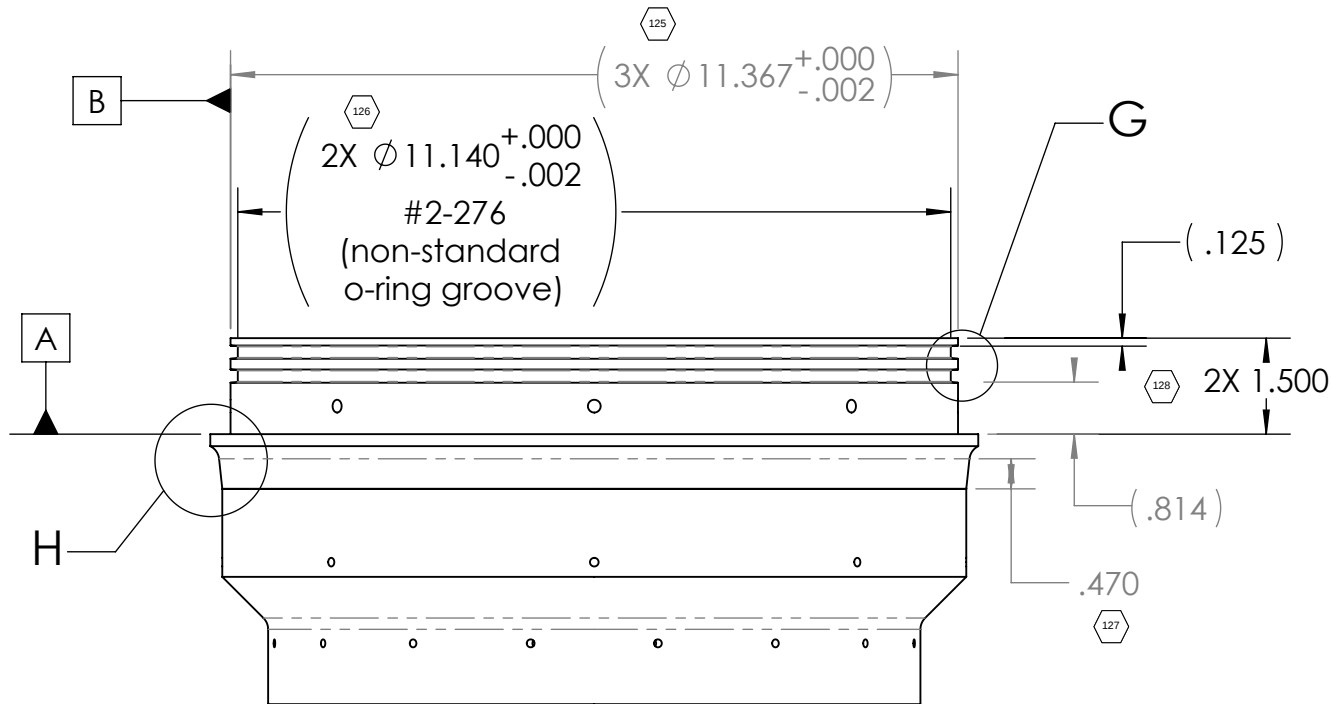
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

INSIDE VIEW



DETAIL G
SCALE 3 : 1



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NOTES: (CONT. FROM TITLE BLOCK)

	1	P-201531-13	ESP Press Hull-DOME-A1		MBARI	6061-T6 Alloy		
ITEM NO.	UNIT QTY.	Part_Number	DESCRIPTION		Vendor	MATERIAL		
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 J. ERICKSON 7/9/13		
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 J. ERICKSON 7/9/13		
Engineer						CHECKED		
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 901228.99		
						PROJECT ESP		
Application		DO NOT SCALE DRAWING			WEIGHT 16.904 lb.			
						SIZE B	DWG. NO.	REV. A
						P-201531-13.DWG		
						SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 3
Monterey Bay Aquarium Research Institute								
MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700								
MAKAI - LRAUV ESP Press Hull-DOME-A1								
								