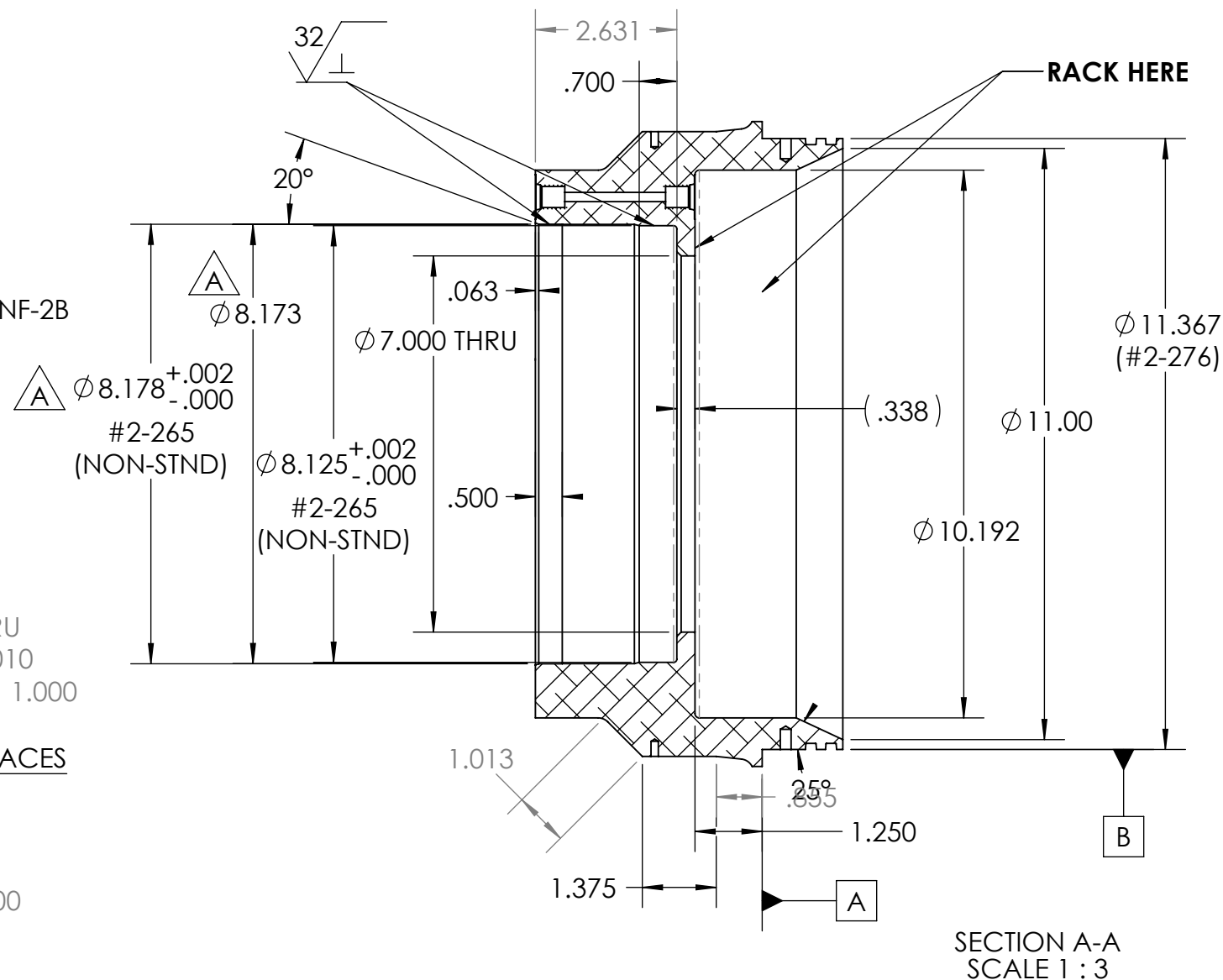
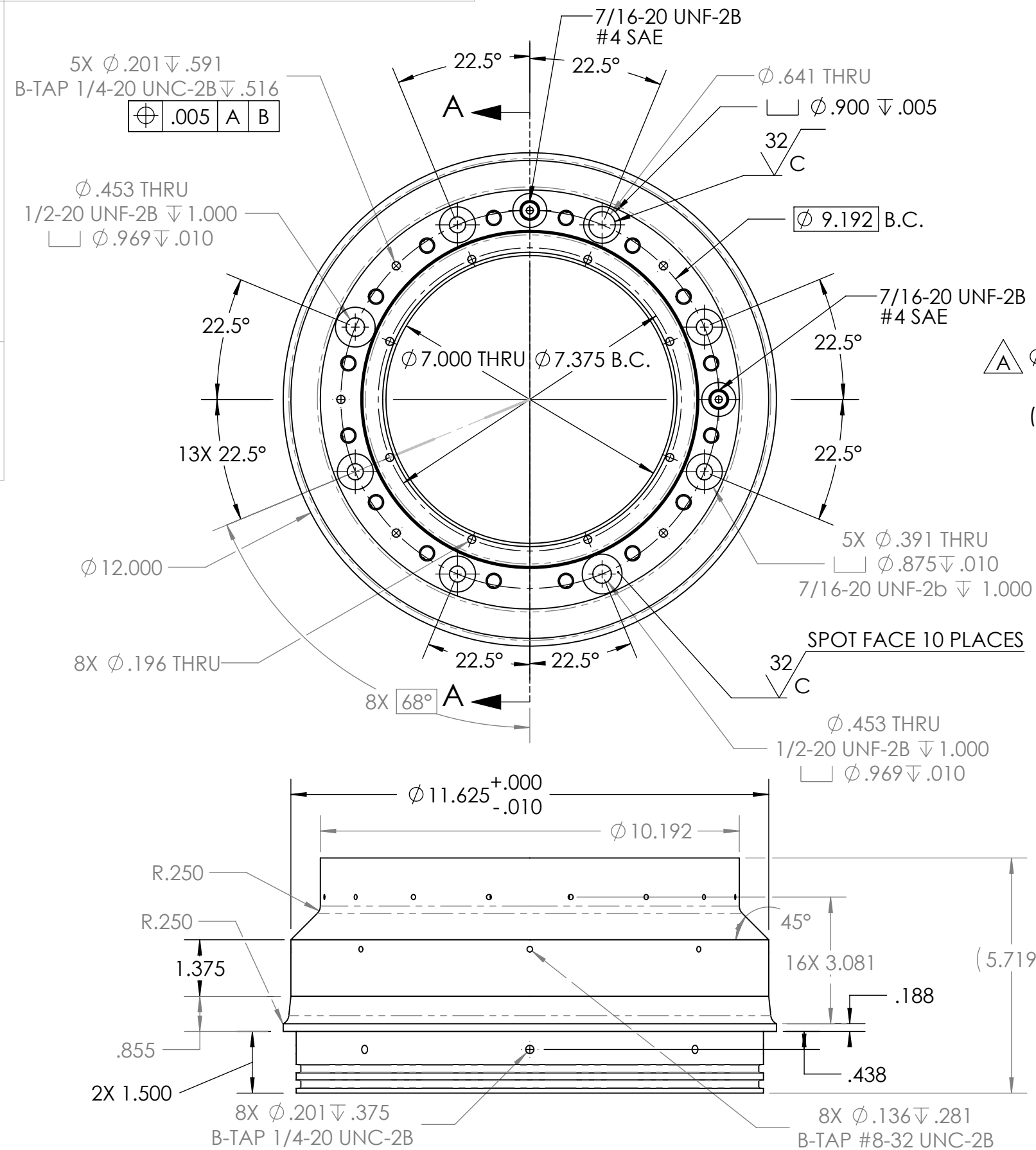


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REVISIONS					
	INITIAL RELEASE		REVISIONS	X/XX/01	J.E.
ZONE	REV.	DESCRIPTION		DATE	APPROVED
	A	ADDED O-RING SURFACE (SECTION A-A, DETAIL D)		7/23/2014	J.E.



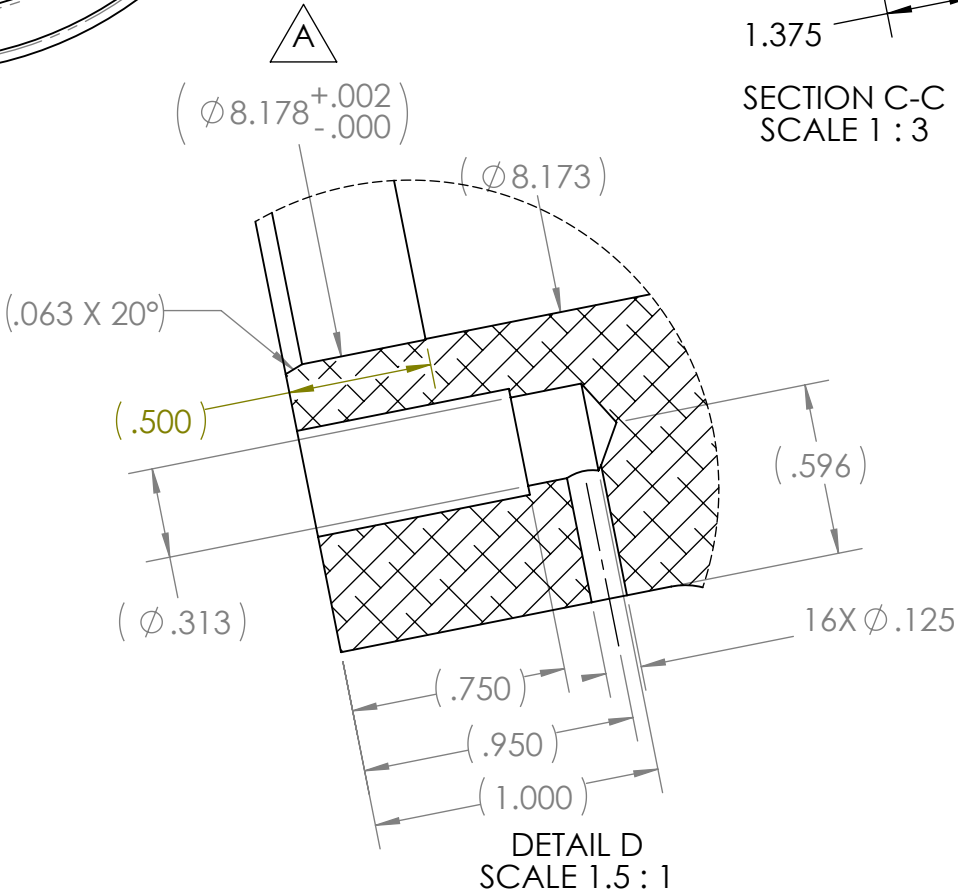
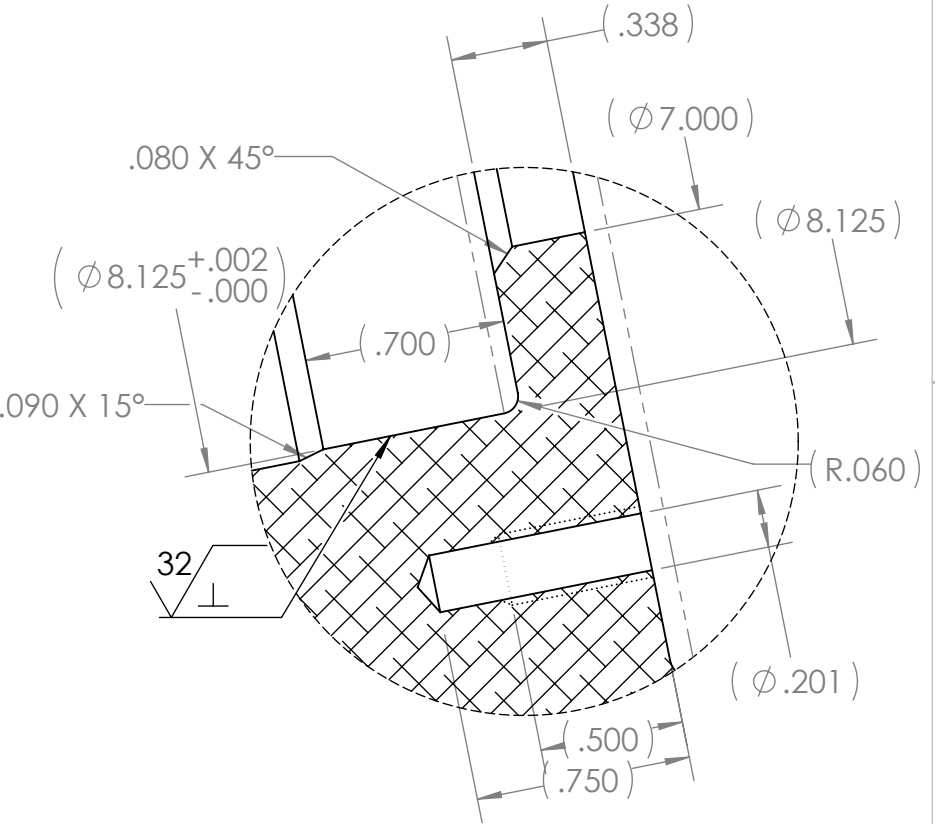
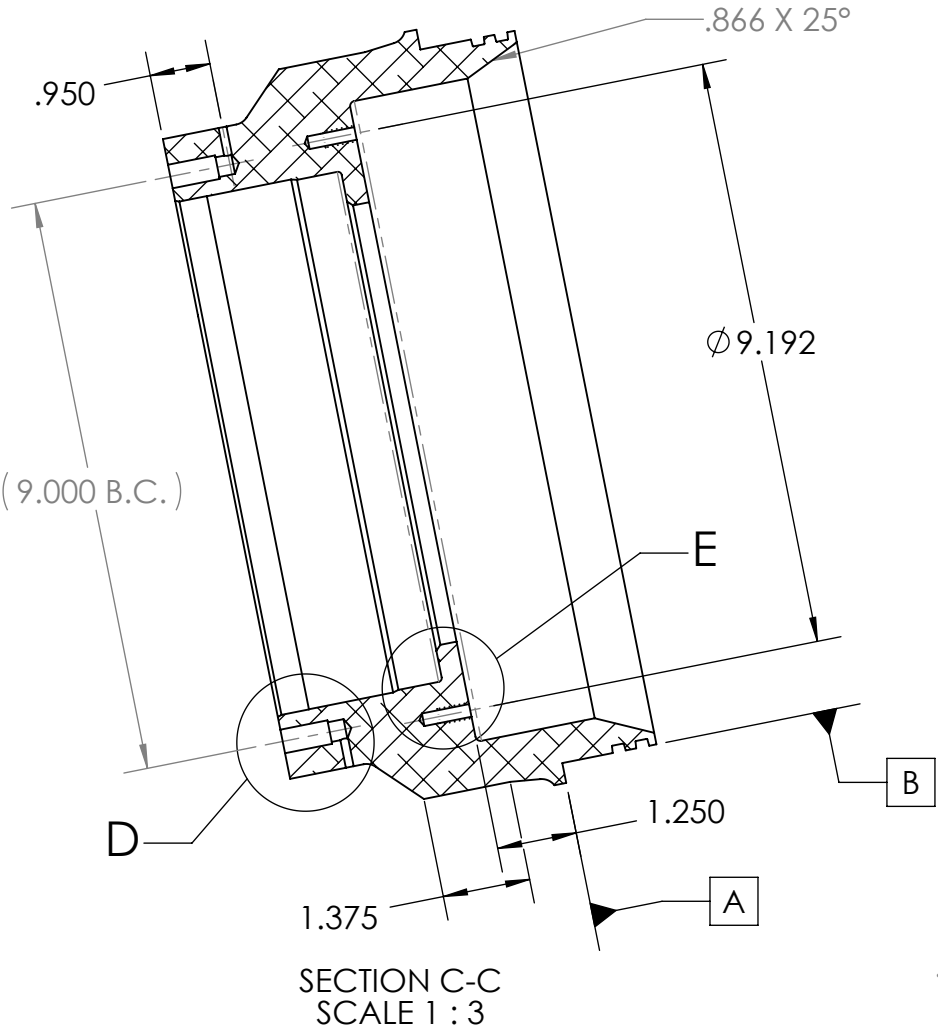
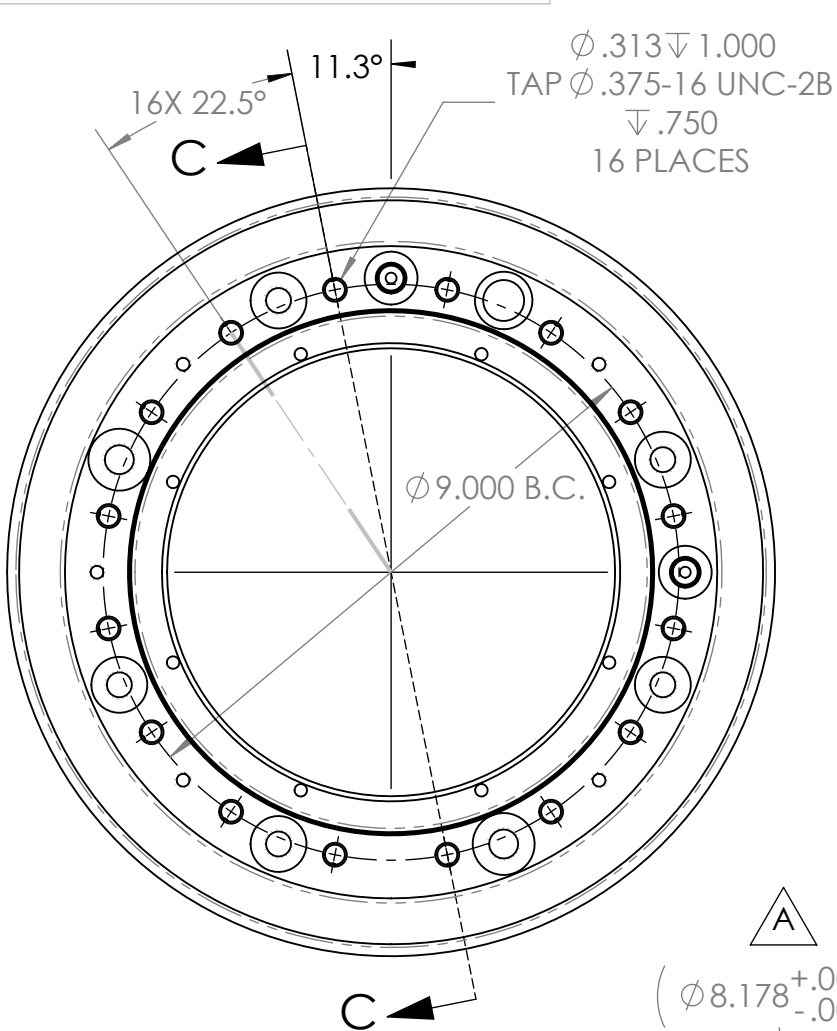
9. Q.C. (INSPECTION) REPORT REQUIRED FOR EACH PIECE.
8. Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F
Type III (.001 THICK) Nickel Acetate Seal Coat, TEFLON TOP COAT.
RACK AS SHOWN, (DIMENSION LIMITS HELD AFTER PLATING, see note #2)
7. PROJECT LIBRARY:\ESP\G3-ESP\Solidworks files\Turbine\NewFMIdrive

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°	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		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 			
Application		DO NOT SCALE DRAWING		WEIGHT 16.904					
		SIZE B		DWG. NO.		P-201531-13.DWG MAKAI - LRAUV ESP Press Hull-DOME-A1			
		SCALE 1:4		CAD FILE: MECH ENG ON TORNADO		SHEET 1		OF 3	

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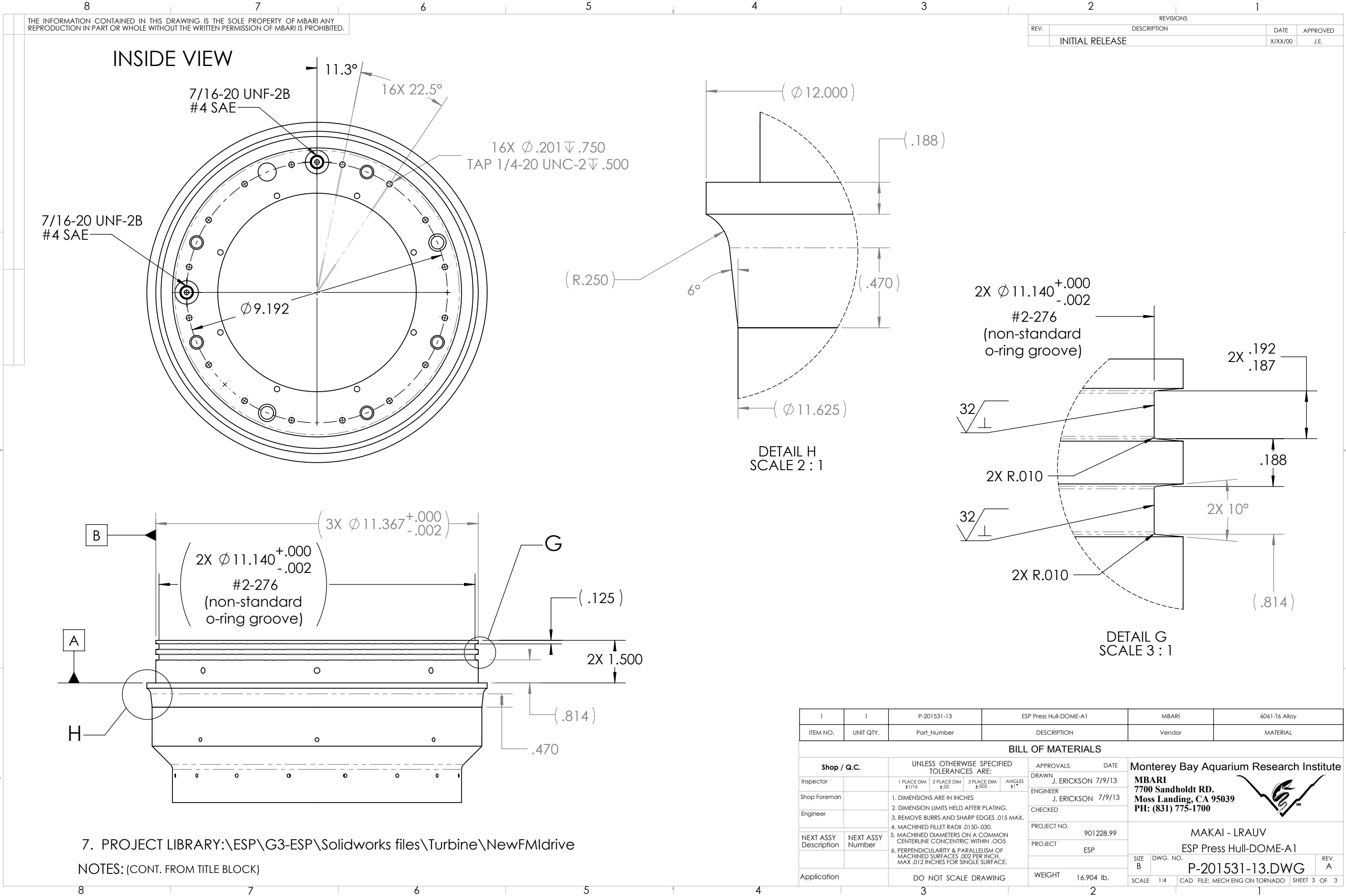
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



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.			DRAWN J. ERICKSON 7/9/13		
Engineer					ENGINEER J. ERICKSON 7/9/13		
					CHECKED		
NEXT ASSY Description	NEXT ASSY Number	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 NO. 901228.99	MAKAI - LRAUV ESP Press Hull-DOME-A1	
					PROJECT ESP		
Application		DO NOT SCALE DRAWING			WEIGHT 16.904 lb.		SIZE B
					SCALE 1:4	DWG. NO. P-201531-13.DWG	REV. A
					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.

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 $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 7/9/13	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 7/9/13	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 901228.99	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ESP	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 16.904 lb.	
Application		DO NOT SCALE DRAWING		SIZE B DWG. NO. 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
REV. A