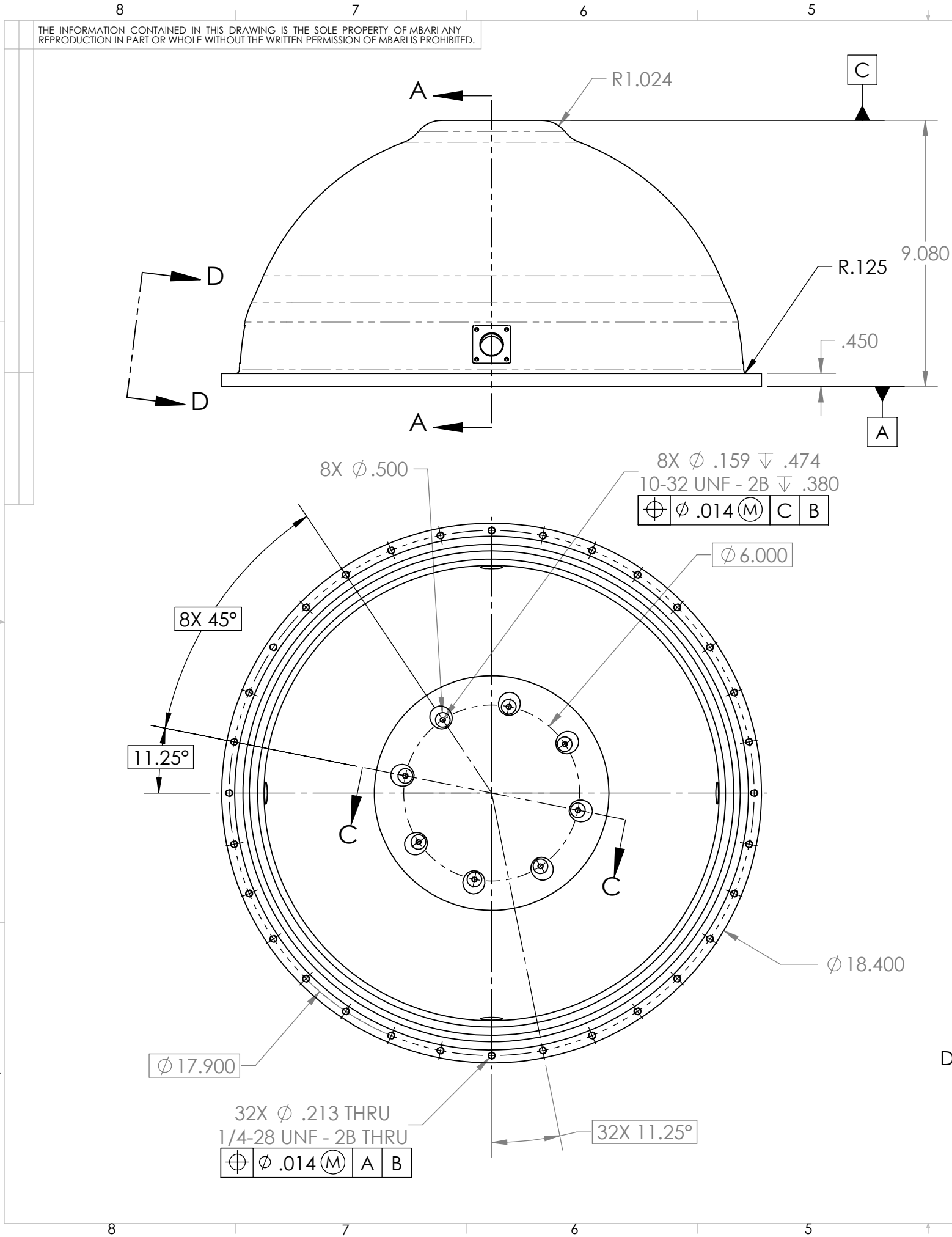
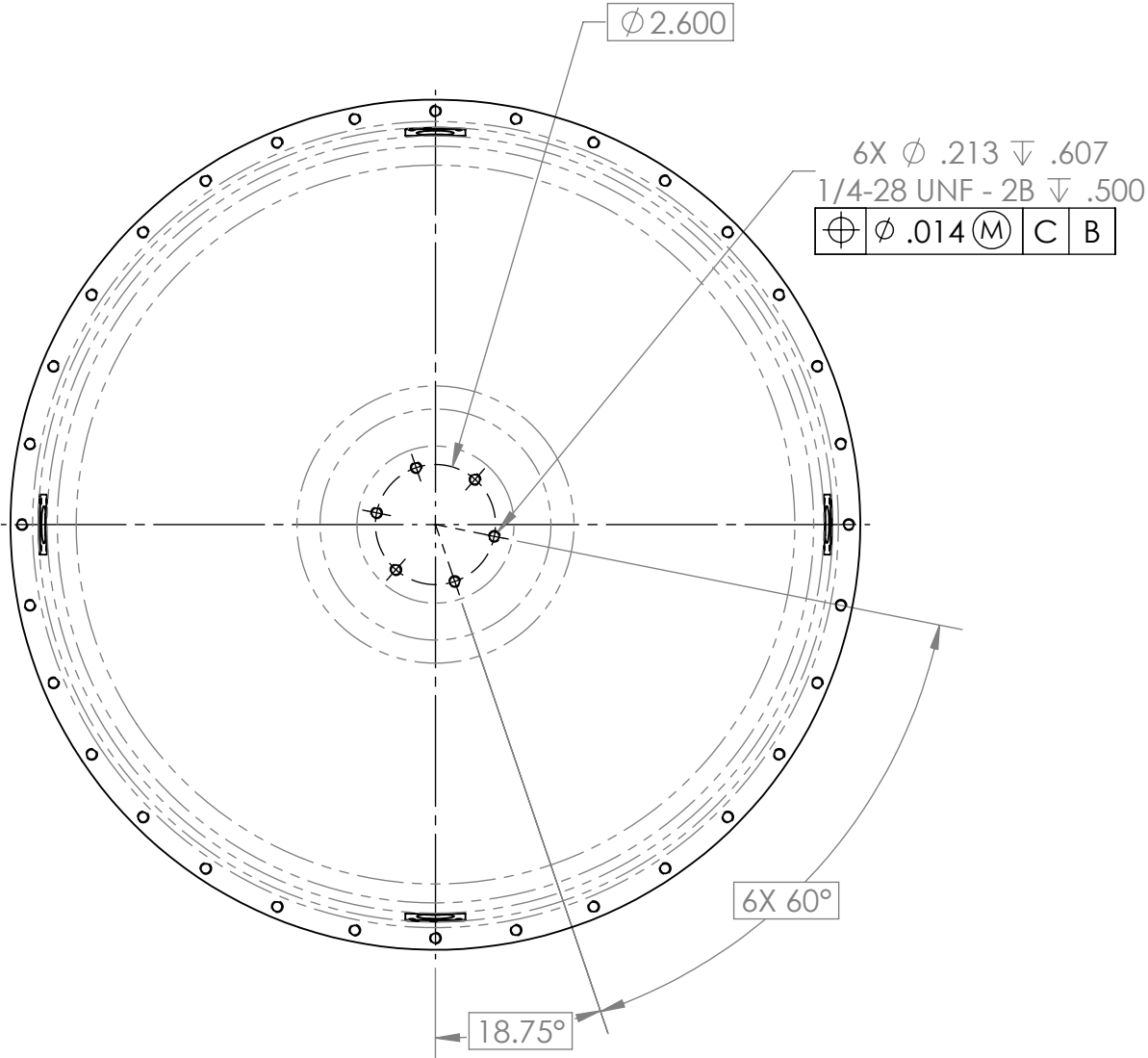




- NOTES:
1. MATERIAL IS GR 5 AS CAST TITANIUM, MIN YIELD 120 KSI
 2. APPLICABLE STANDARDS/SPECIFICATIONS: ANSI Y14.5M-1994, DIMENSIONS AND TOLERANCES MIL-STD-12, ABBREVIATIONS.
 3. GROOVE FOR O-RING 2-385
 4. GROOVE FOR O-RING 2-386
 5. BOSS AND PENETRATION FOR SEACON MINK-FCR RECEPTACLE
 6. PART IS SYMMETRIC ABOUT CENTERLINE
 7. DEPTH RATING OF ASSEMBLY: 6000M
 8. WEIGHT: 46.6 LBS DRY



TOP VIEW

DATE: 14OCT12

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	M. GREISE	11/30/11	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 AFTER MACHINING. 4. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005 UNLESS SPECIFIED OTHER. 5. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 IN. FOR SINGLE SURFACE UNLESS SPECIFIED OTHER				ENGINEER	M. GREISE	11/30/11	
Engineer						CHECKED			
						PROJECT NO.			
NEXT ASSY Description	NEXT ASSY Number					PROJECT	6K SPHERE		
Application		DO NOT SCALE DRAWING				WEIGHT			
		3				2		1	
						SIZE B		DWG. NO.	
								1001101DWG	
						SCALE 1:4		CAD FILE: MECH ENG ON TORNADO	
								SHEET 1 OF 2	

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
INITIAL RELEASE			

D

C

B

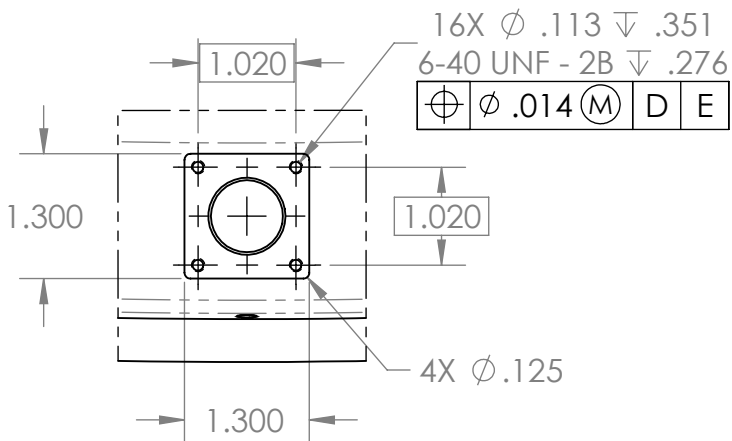
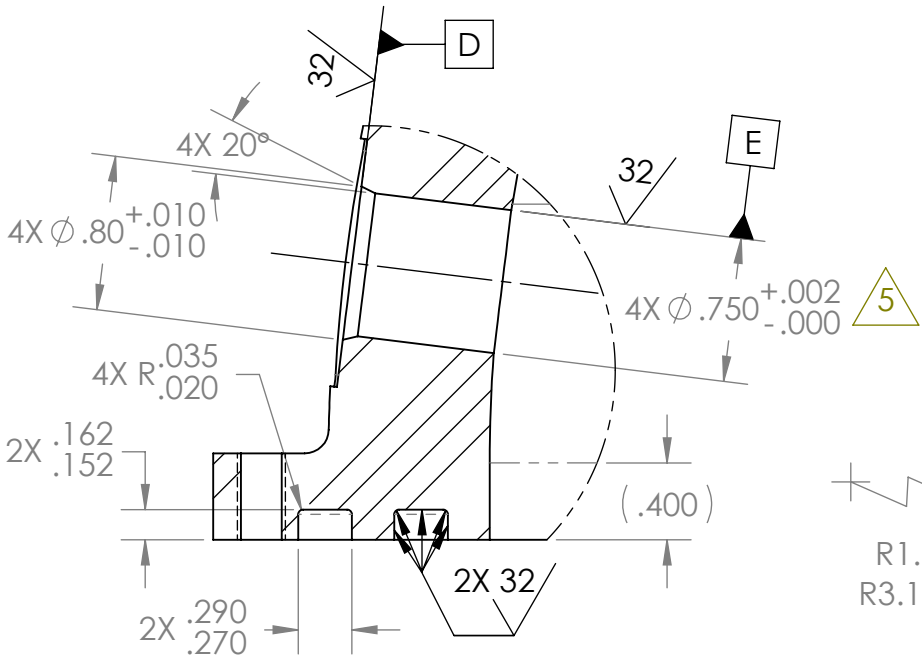
A

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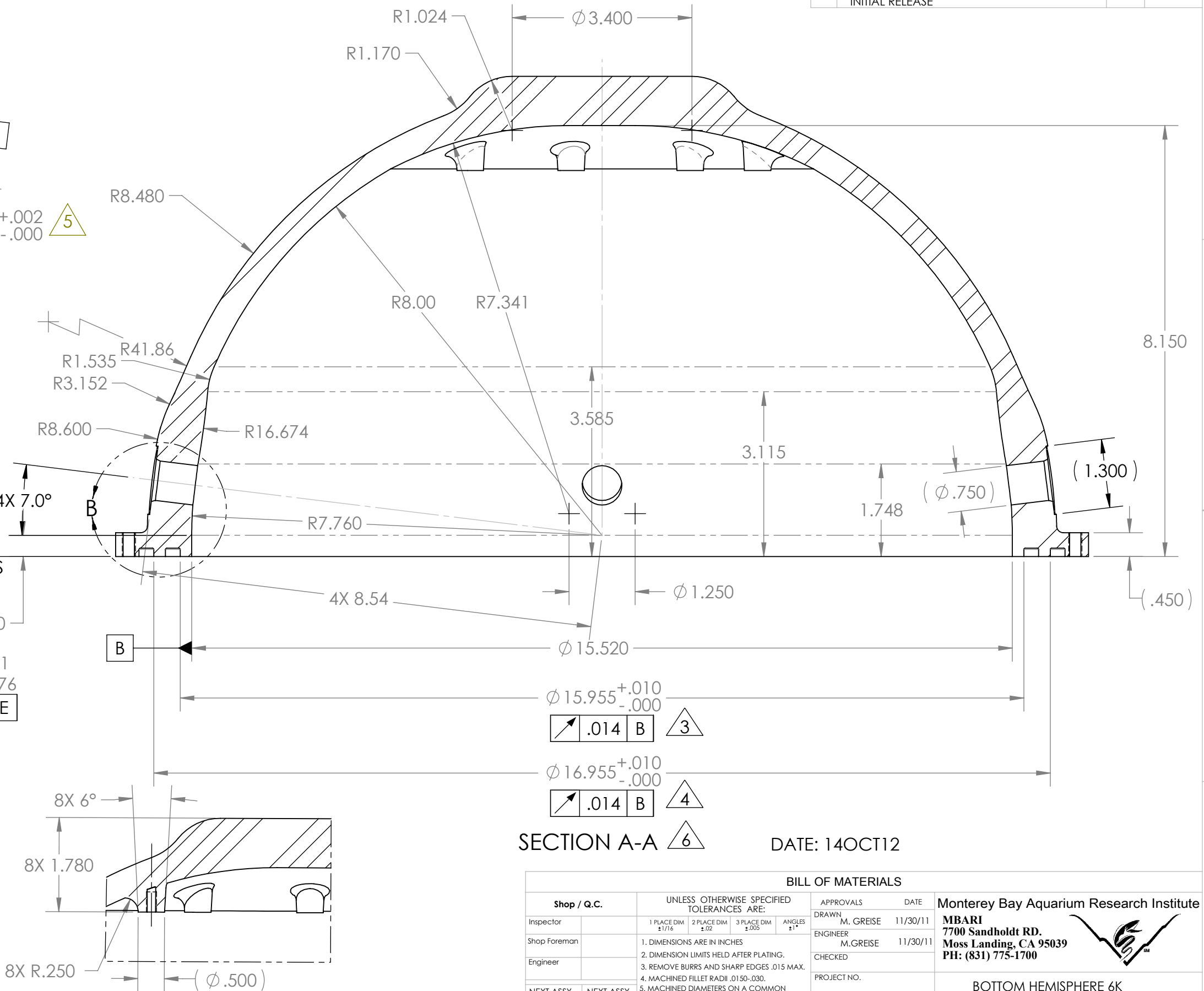
C

B

A



MINK-FCR BORE DETAIL
4X EVENLY SPACED



SECTION C-C
SCALE 1 : 2

SECTION A-A

DATE: 14OCT12

BILL OF MATERIALS			
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Engineer		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.	
NEXT ASSY Description	NEXT ASSY Number	APPROVALS	
		DATE	
		DRAWN M. GREISE 11/30/11	
		ENGINEER M. GREISE 11/30/11	
		CHECKED	
		PROJECT NO.	
		PROJECT 4K SPHERE	
		WEIGHT	
		DO NOT SCALE DRAWING	
		Monterey Bay Aquarium Research Institute	
		MBARI	
		7700 Sandholdt RD.	
		Moss Landing, CA 95039	
		PH: (831) 775-1700	
		BOTTOM HEMISPHERE 6K HOUSING	
		SIZE B DWG. NO. 1001101DWG	
		REV. A	
		SCALE 1:2 CAD FILE: MECH ENG ON TORNADO SHEET 2 OF 2	