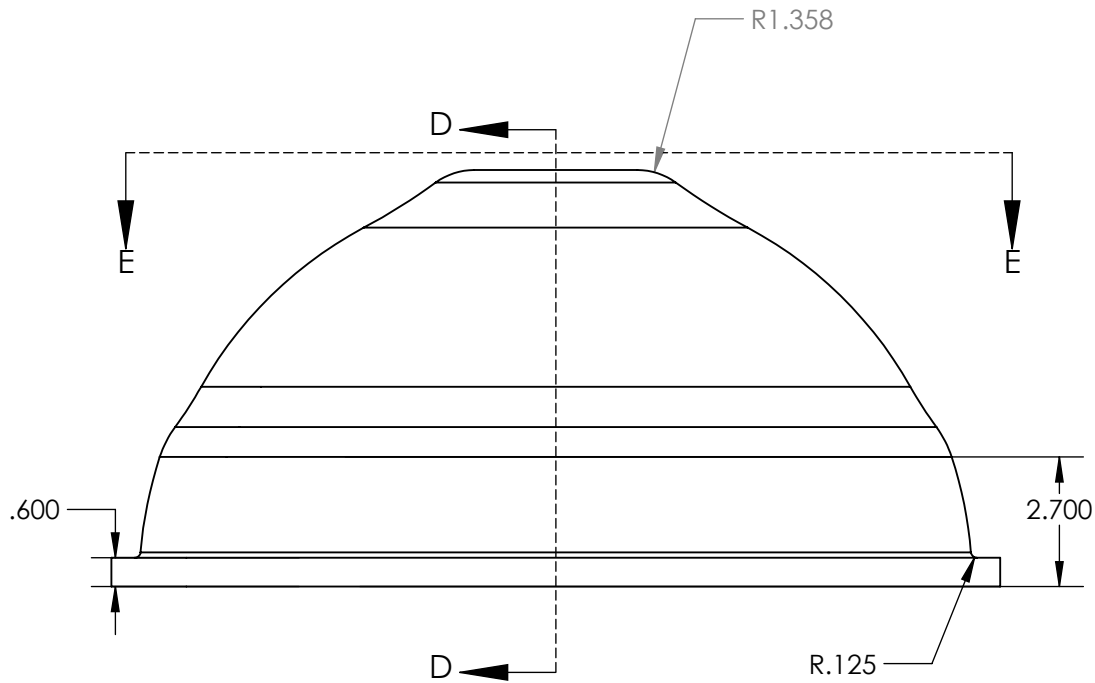
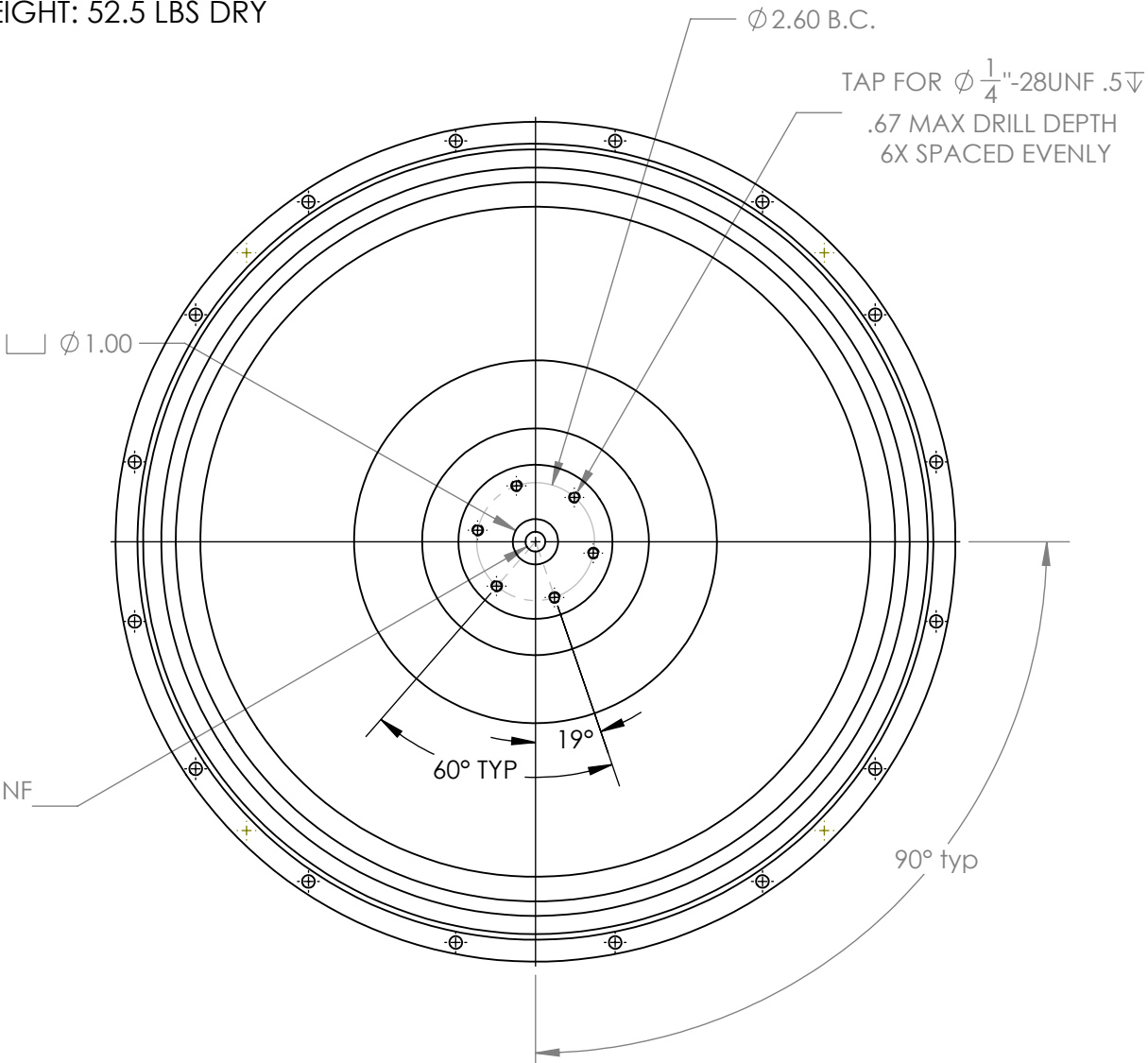
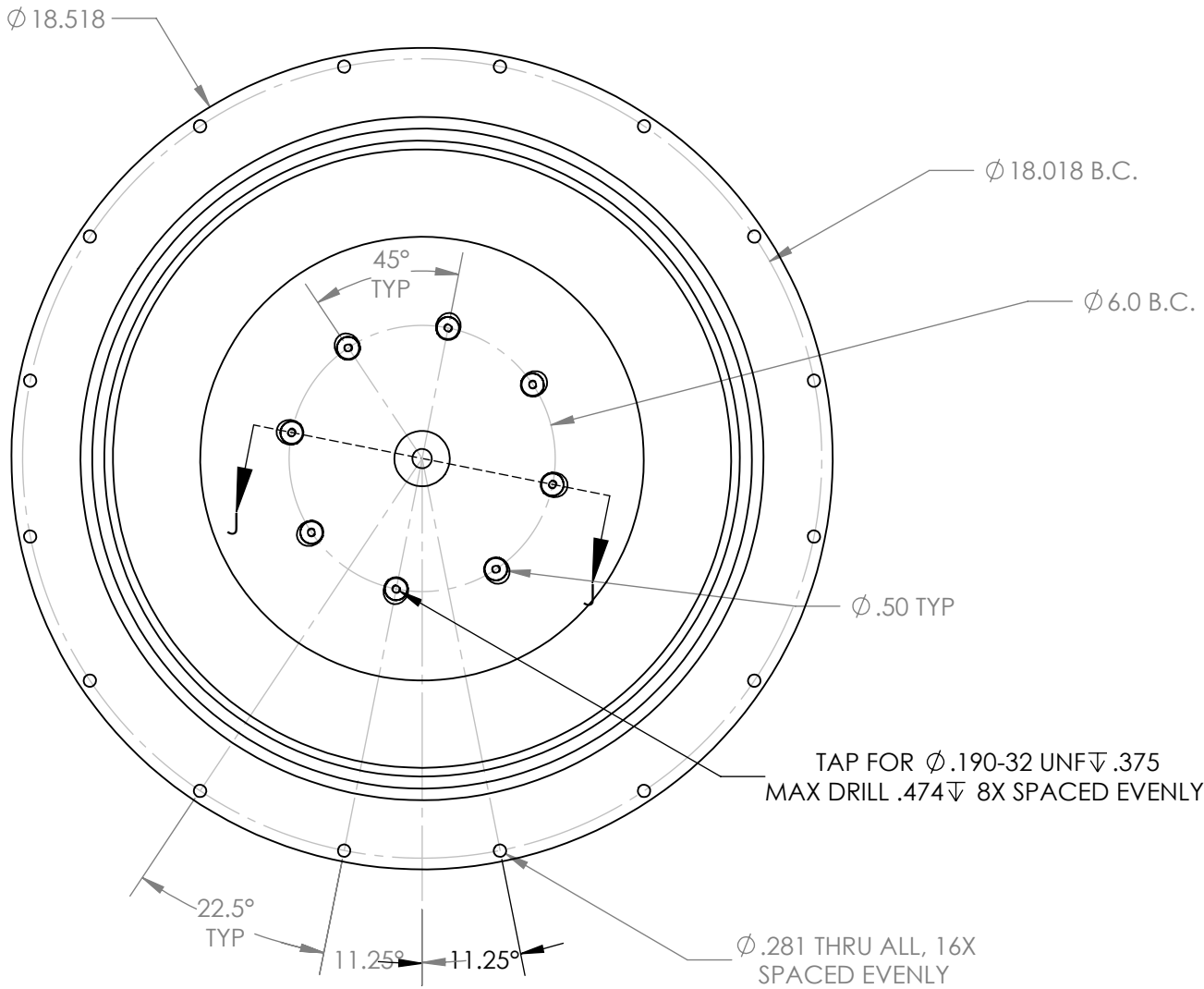


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

- NOTES:
1. MATERIAL IS GR 5 AS CAST TITANIUM, MIN YIELD 120 KSI
 2. BREAK ALL SHARP EDGES
 3. APPLICABLE STANDARDS/SPECIFICATIONS:
ANSI Y14.5M-1982, DIMENSIONS AND TOLERANCES
MIL-STD-12, ABBREVIATIONS.
 4. GROOVE FOR O-RING 2-385
 5. GROOVE FOR O-RING 2-386
 6. BOSS AND PENETRATION FOR SEACON MINK-FCR RECEPTACLE
 7. PART IS SYMMETRIC ABOUT CENTERLINE
 8. DEPTH RATING OF ASSEMBLY: 6000M
 9. WEIGHT: 52.5 LBS DRY



DATE: 9DEC11

SECTION E-E
SCALE 1 : 4

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	
		SCALE 1:5	
		CAD FILE: MECH ENG ON TORNADO	
		SHEET 1 OF 2	

Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



TOP HEMISPHERE,
6K SPHERICAL HOUSING

SIZE B DWG. NO. 1001102DWG REV.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



Shop / Q.C.						UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute							
Inspector				1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°		DRAWN M. GREISE		11/30/11		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 M.GREISE		11/30/11							
Engineer												CHECKED									
NEXT ASSY Description		NEXT ASSY Number										PROJECT NO.									
												PROJECT 4K SPHERE				TOP HEMISPHERE 6K HOUSING					
												SIZE B		DWG. NO. 1001102DWG				REV.			
Application				DO NOT SCALE DRAWING								WEIGHT				SCALE 1:5		CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 2	