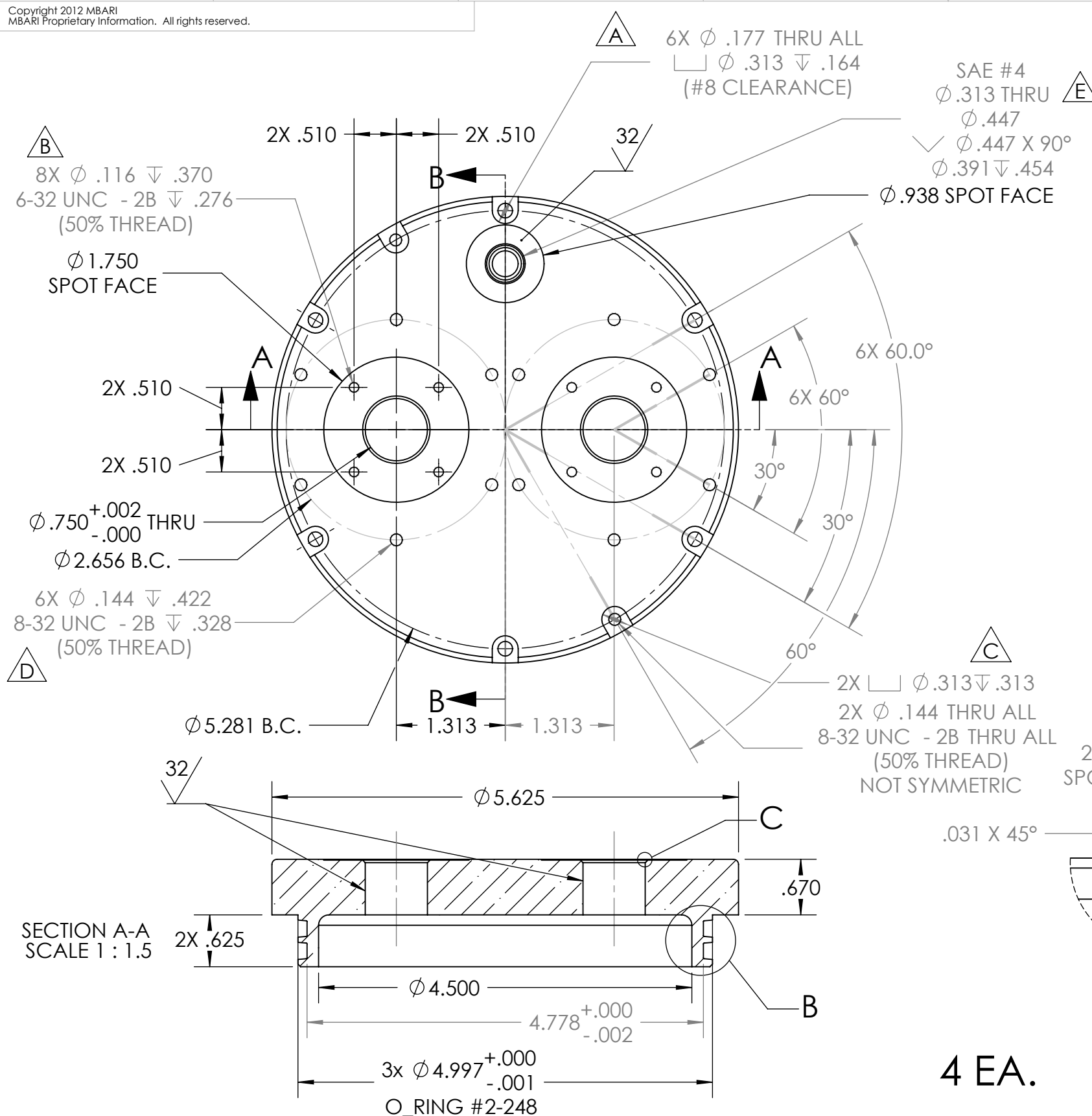
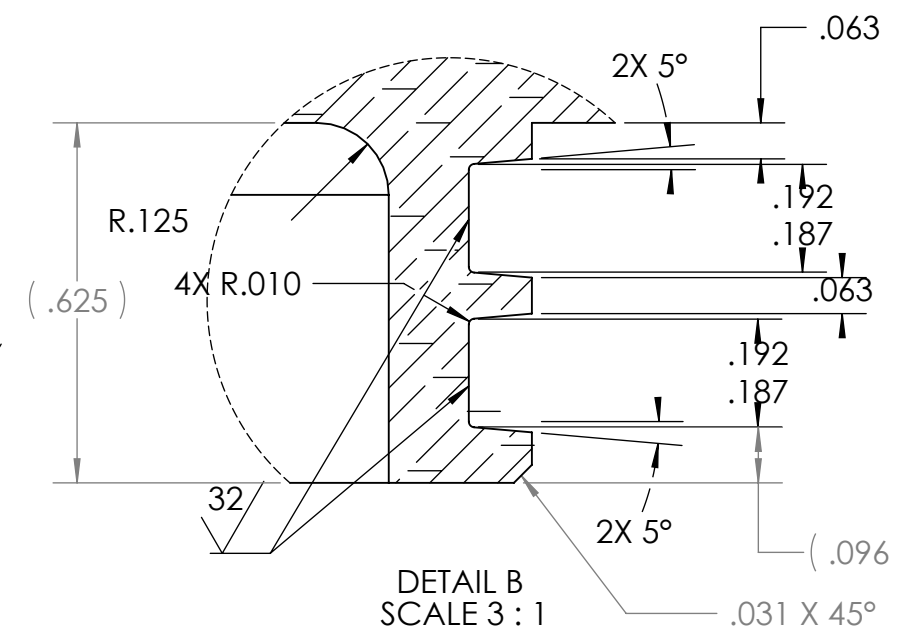
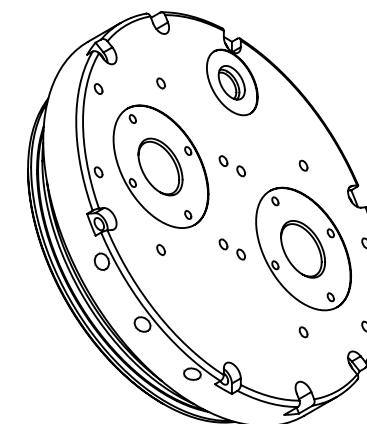
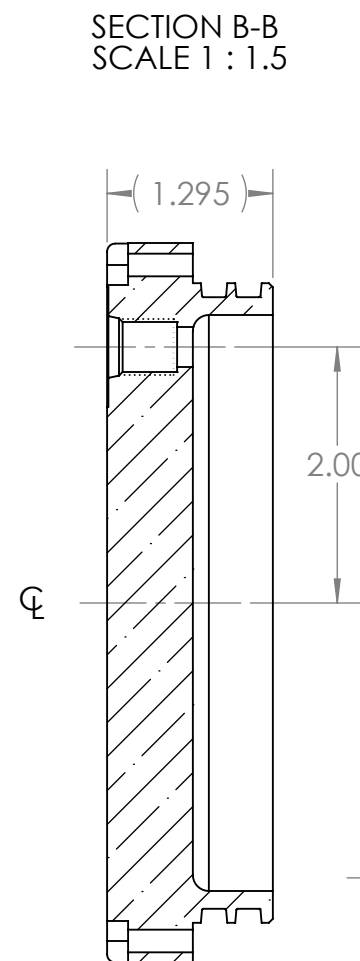


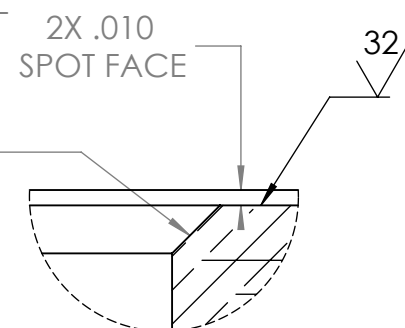
REVISIONS			
INITIAL RELEASE		X/XX/01	J.E.
REV.	DESCRIPTION	DATE	APPROVED
A	CHG CNTR BORE FRM #6 TO #8	11/14/2007	J.E.
B	CHG #6-40 TO #6-32 (TAP DRILL .1160 50% THREAD)	11/14/2007	J.E.
C	CHG #6 JACKING SCREW TO #8 ADD CNTR BORE	11/14/2007	J.E.
D	CHG #6-40 TO #8-32 (TAP DRILL .144 - 50% THREAD)	11/14/2007	J.E.
E	CHG SAE#4 THRU FRM .172 TO .312 CHG TOL ON TAPED END	2/17/2009	J.E.



4 EA.



DETAIL B
SCALE 3 : 1



DETAIL C
SCALE 8 : 1

1	1	P-200267-07	Cap for 1000m Ti Housing		6AL-4V Titanium
ITEM NO.	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	7/11/07			
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	7/11/07			
Engineer						CHECKED F.S.	10/15/07			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO. 900733		SIIM PRESSURE CASE P-200267-07 Cap for 1000m Ti Housing		
						PROJECT MARS EXTENSION CABLES				
Application		DO NOT SCALE DRAWING				WEIGHT	2.85 lb.			
						SIZE B	DWG. NO.	P-200267-07.DWG		
						SCALE	1:2	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 2	

Monterey Bay Aquarium Research Institute

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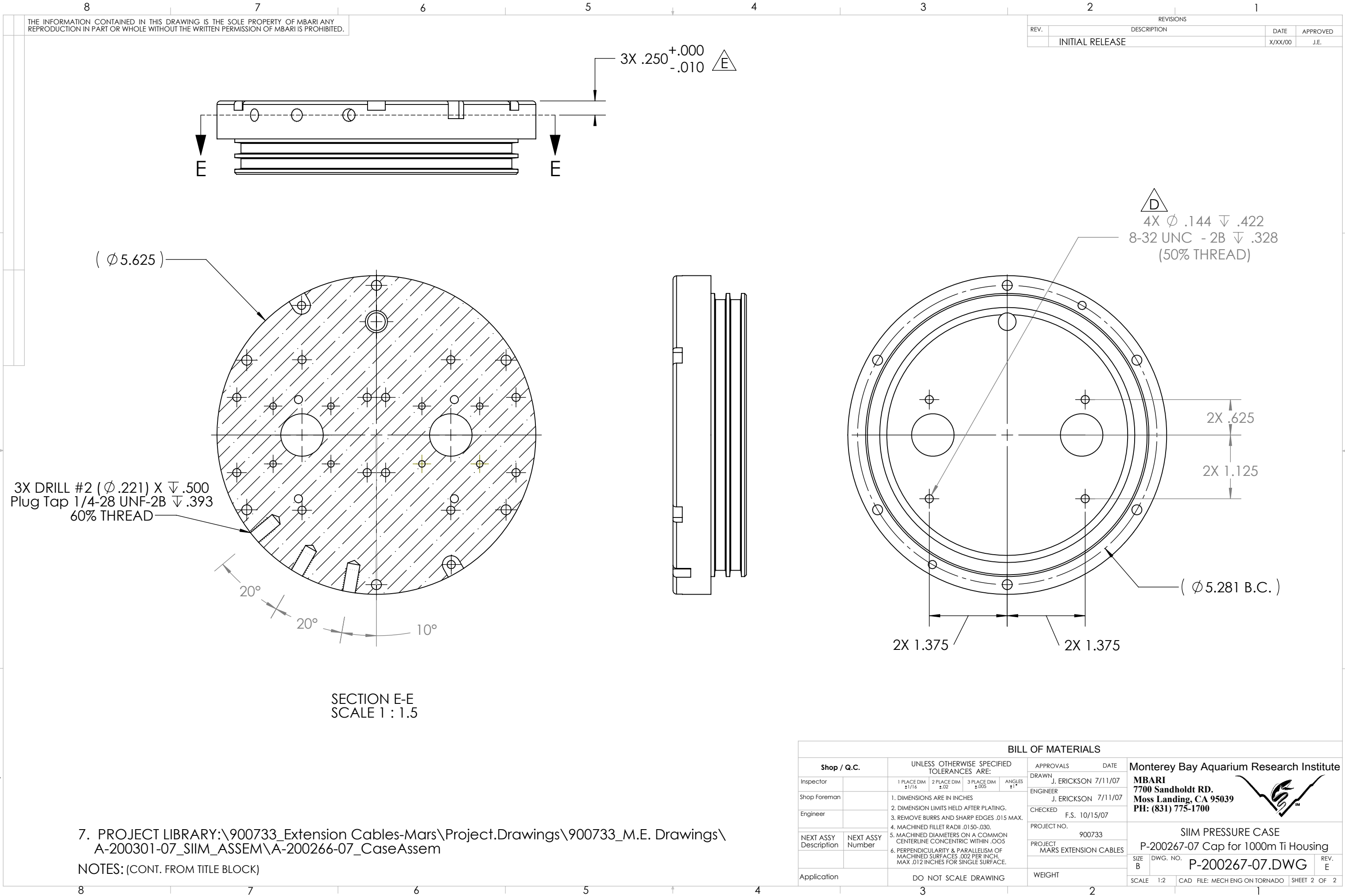
7700 Sandholdt RD.

Moss Landing, CA 95039

PH: (831) 775-1700

9. SAFE WORKING DEPTH 1200 meters.
8. All dimensions are symetric about Section B, unless specified otherwise.
7. PROJECT LIBRARY:\900733_Extension Cables-Mars\Project.Drawings\900733_M.E. Drawings\A-200301-07 SIIM ASSEM\A-200266-07 CaseAssem

NOTES: (CONT. FROM TITLE BLOCK)



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

3X DRILL #2 (Ø .221) X ∇ .500
Plug Tap 1/4-28 UNF-2B ∇ .393
60% THREAD

$\triangle$ D
4X Ø .144 ∇ .422
8-32 UNC - 2B ∇ .328
(50% THREAD)

SECTION E-E
SCALE 1 : 1.5

7. PROJECT LIBRARY:\900733_Extension Cables-Mars\Project.Drawings\900733_M.E. Drawings\
A-200301-07_SIIM_ASSEM\A-200266-07_CaseAssem

NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS									
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 $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN	J. ERICKSON 7/11/07		
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 7/11/07		
Engineer						CHECKED	F.S. 10/15/07		
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	900733	SIIM PRESSURE CASE P-200267-07 Cap for 1000m Ti Housing	
						PROJECT	MARS EXTENSION CABLES		
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	REV. E
								SCALE 1:2	
								CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 2