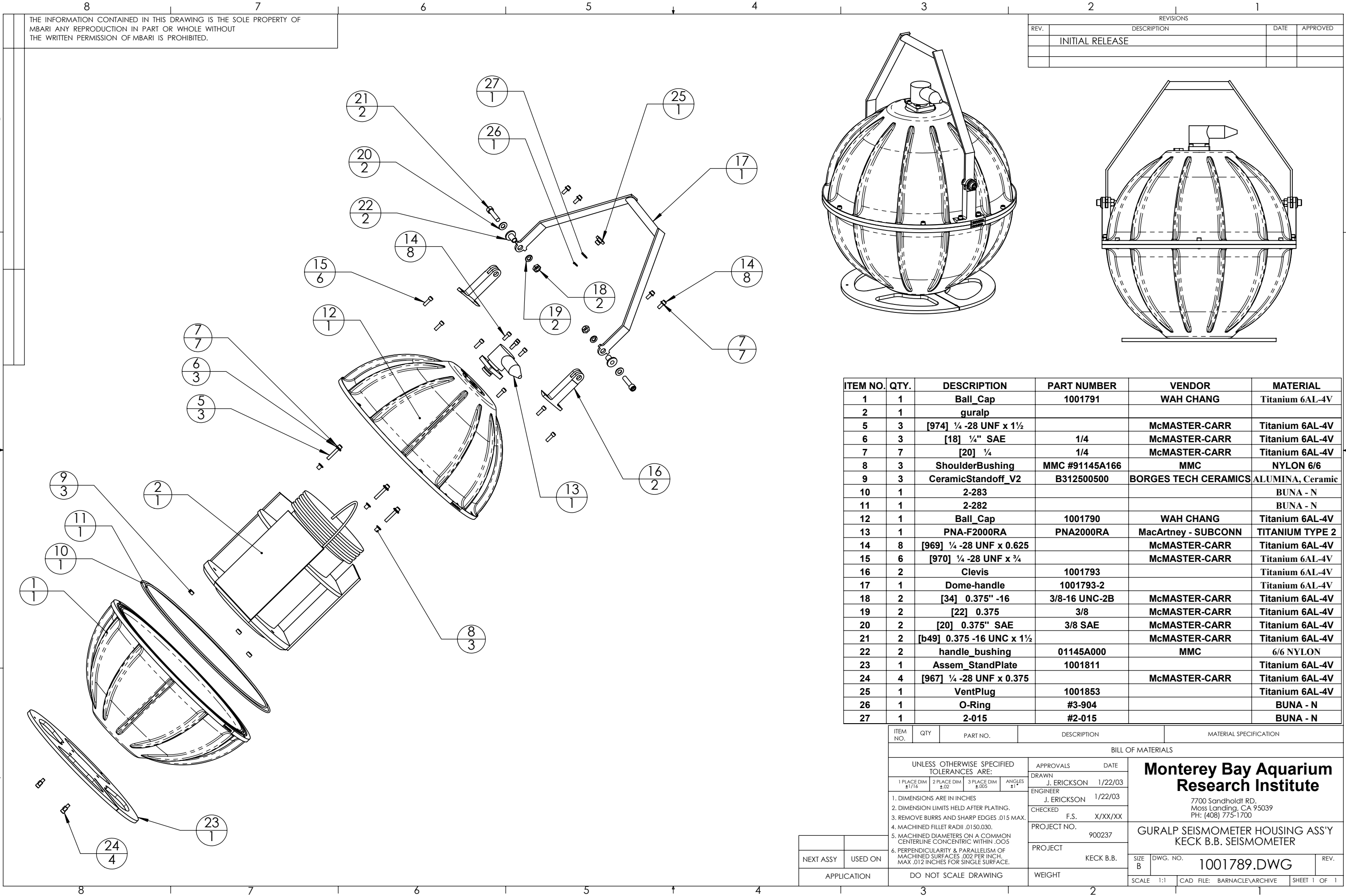
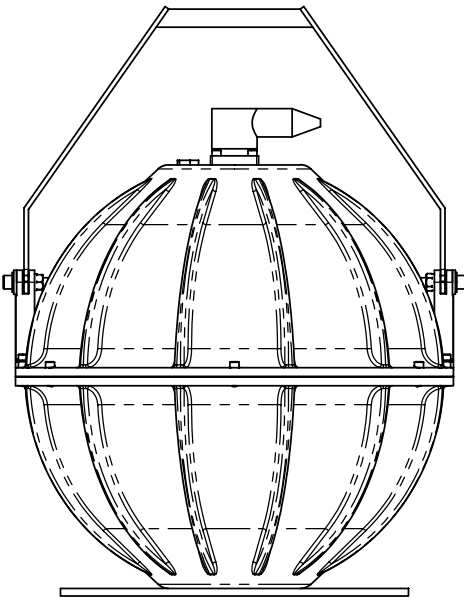
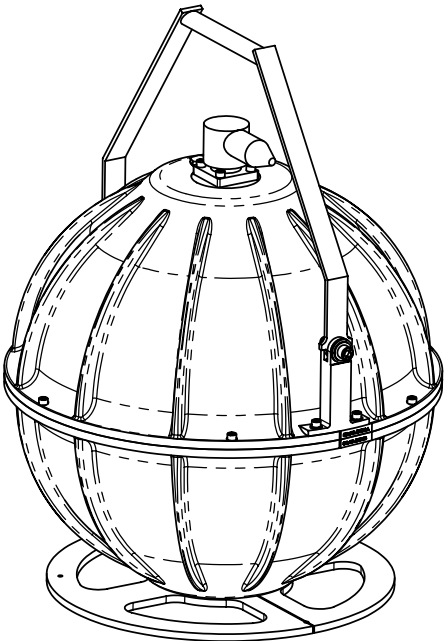




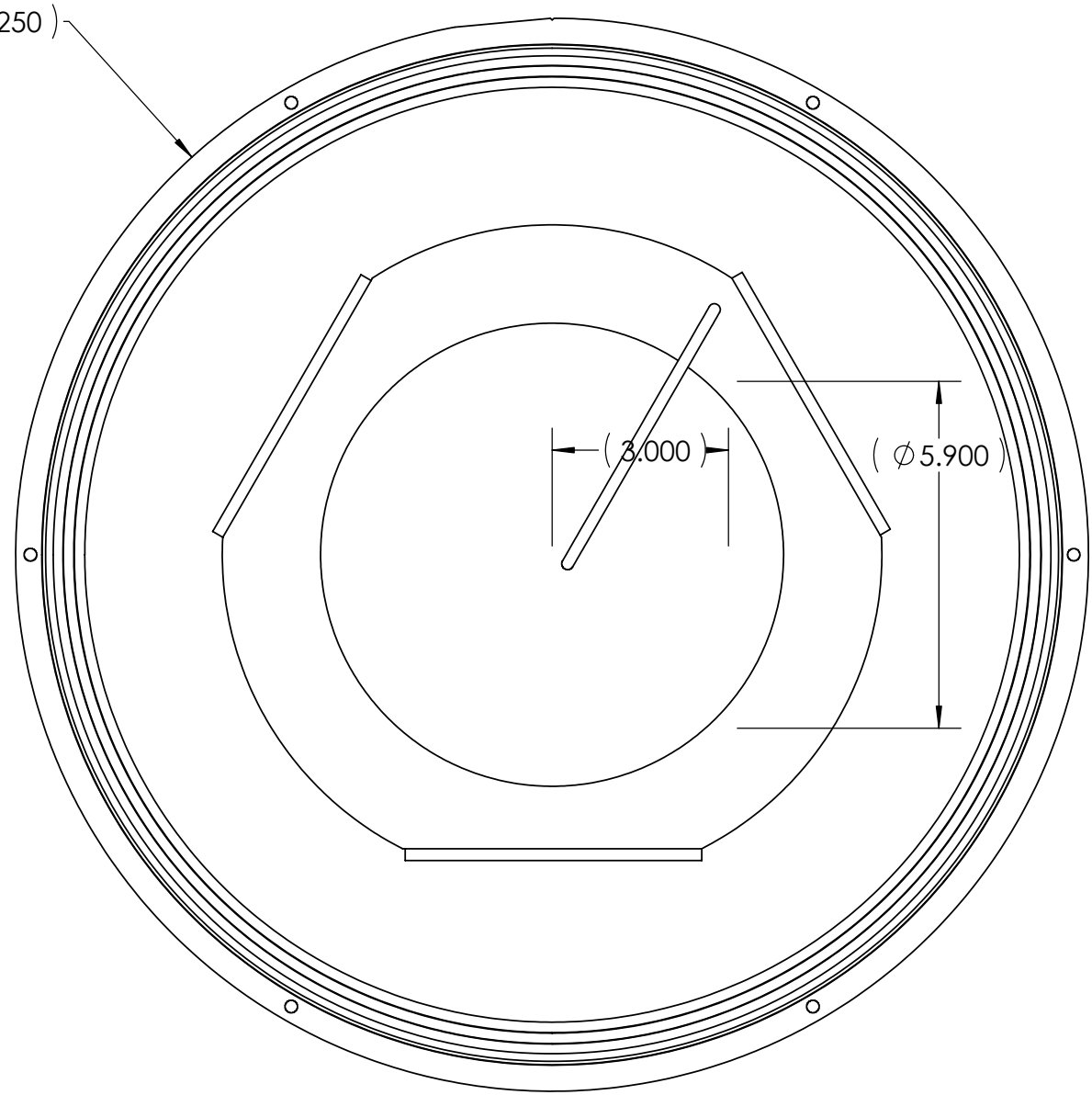
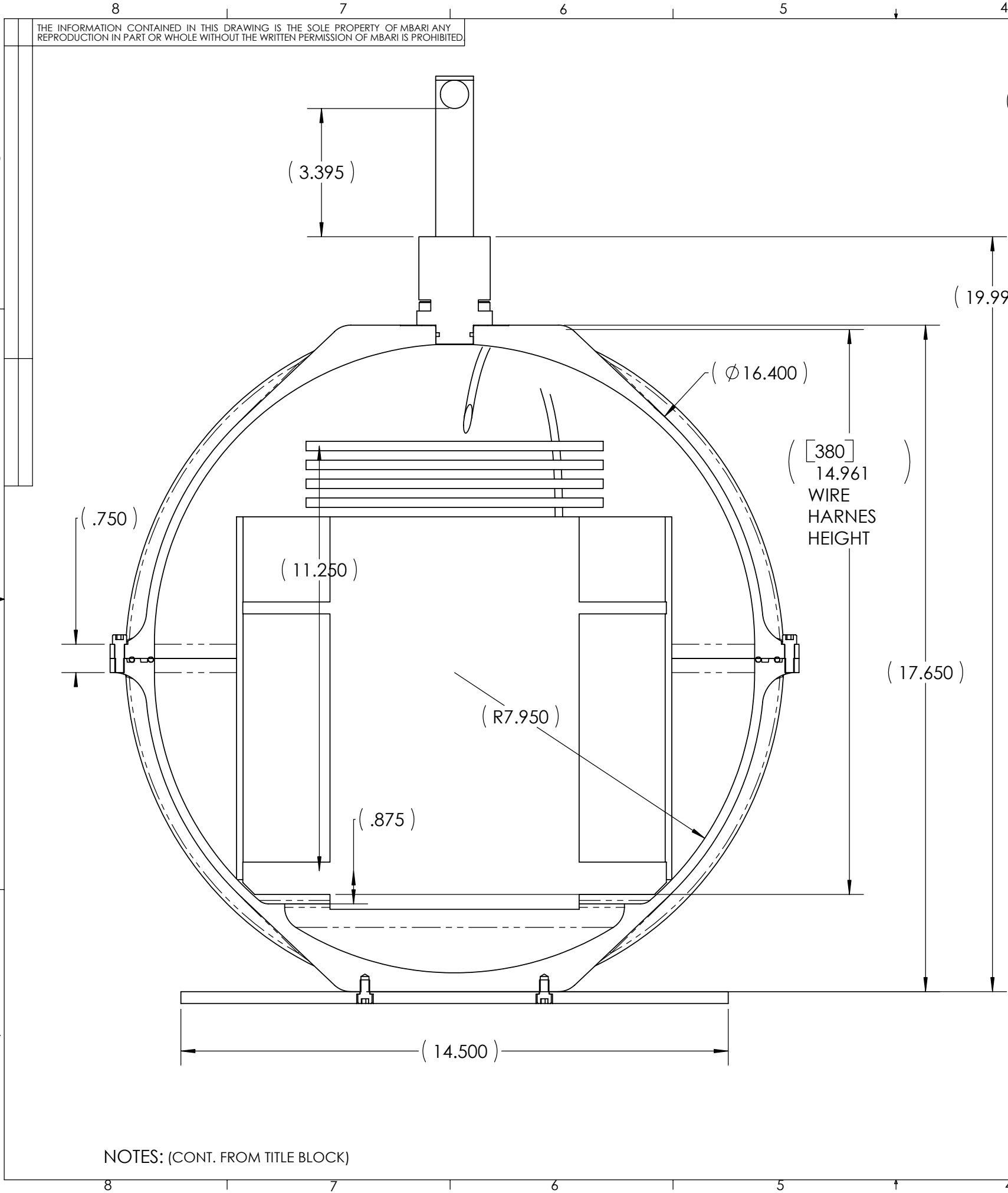
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	VENDOR	MATERIAL
1	1	Ball_Cap	1001791	WAH CHANG	Titanium 6AL-4V
2	1	guralp			
5	3	[974] ¼ -28 UNF x 1½		McMASTER-CARR	Titanium 6AL-4V
6	3	[18] ¼" SAE	1/4	McMASTER-CARR	Titanium 6AL-4V
7	7	[20] ¼	1/4	McMASTER-CARR	Titanium 6AL-4V
8	3	ShoulderBushing	MMC #91145A166	MMC	NYLON 6/6
9	3	CeramicStandoff_V2	B312500500	BORGES TECH CERAMICS	ALUMINA, Ceramic
10	1	2-283			BUNA - N
11	1	2-282			BUNA - N
12	1	Ball_Cap	1001790	WAH CHANG	Titanium 6AL-4V
13	1	PNA-F2000RA	PNA2000RA	MacArthey - SUBCONN	TITANIUM TYPE 2
14	8	[969] ¼ -28 UNF x 0.625		McMASTER-CARR	Titanium 6AL-4V
15	6	[970] ¼ -28 UNF x ¾		McMASTER-CARR	Titanium 6AL-4V
16	2	Clevis	1001793		Titanium 6AL-4V
17	1	Dome-handle	1001793-2		Titanium 6AL-4V
18	2	[34] 0.375" -16	3/8-16 UNC-2B	McMASTER-CARR	Titanium 6AL-4V
19	2	[22] 0.375	3/8	McMASTER-CARR	Titanium 6AL-4V
20	2	[20] 0.375" SAE	3/8 SAE	McMASTER-CARR	Titanium 6AL-4V
21	2	[b49] 0.375 -16 UNC x 1½		McMASTER-CARR	Titanium 6AL-4V
22	2	handle_bushing	01145A000	MMC	6/6 NYLON
23	1	Assem_StandPlate	1001811		Titanium 6AL-4V
24	4	[967] ¼ -28 UNF x 0.375		McMASTER-CARR	Titanium 6AL-4V
25	1	VentPlug	1001853		Titanium 6AL-4V
26	1	O-Ring	#3-904		BUNA - N
27	1	2-015	#2-015		BUNA - N

ITEM NO.	QTY	PART NO.	DESCRIPTION	MATERIAL SPECIFICATION
BILL OF MATERIALS				
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS	DATE
1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN J. ERICKSON 1/22/03
1. DIMENSIONS ARE IN INCHES			ENGINEER J. ERICKSON	1/22/03
2. DIMENSION LIMITS HELD AFTER PLATING.			CHECKED F.S.	X/XX/XX
3. REMOVE BURRS AND SHARP EDGES .015 MAX.			PROJECT NO.	900237
4. MACHINED FILLET RADII .0150.030.			PROJECT	KECK B.B.
5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			WEIGHT	
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
Monterey Bay Aquarium Research Institute				
7700 Sandholdt RD. Moss Landing, CA 95039 PH: (408) 775-1700				
GURALP SEISMOMETER HOUSING ASS'Y KECK B.B. SEISMOMETER				
SIZE B	DWG. NO.	1001789.DWG		REV.
SCALE 1:1	CAD FILE: BARNACLE\ARCHIVE	SHEET 1 OF 1		



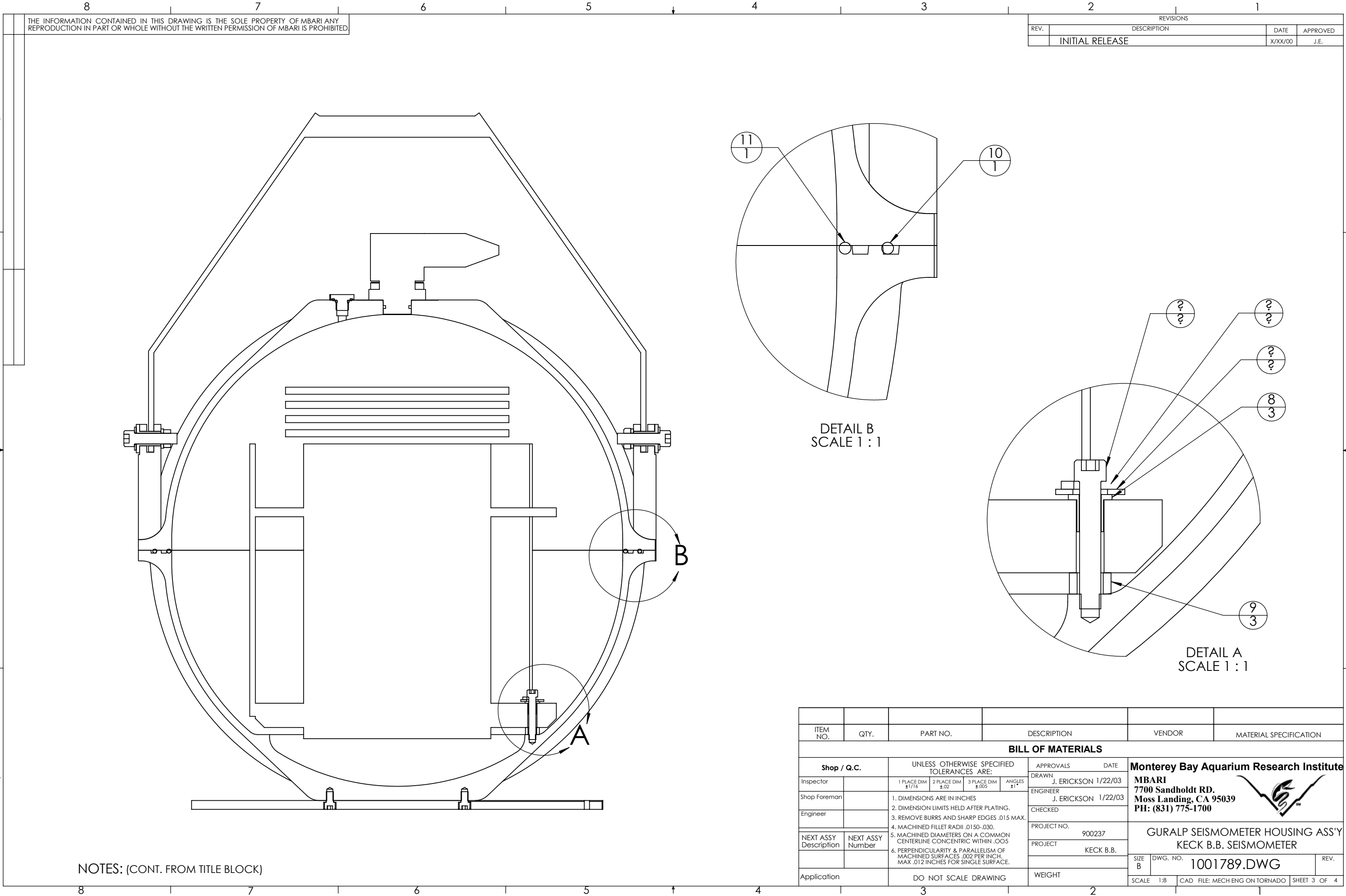
NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION		VENDOR	MATERIAL SPECIFICATION
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				
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				
		4. MACHINED FILLET RADII .0150-.030.				
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005				PROJECT NO. 900237
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.				
Application		DO NOT SCALE DRAWING			PROJECT KECK B.B.	
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Monterey Bay Aquarium Research Institute
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GURALP SEISMOMETER HOUSING ASS'Y
KECK B.B. SEISMOMETER



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

DETAIL B
SCALE 1 : 1

DETAIL A
SCALE 1 : 1

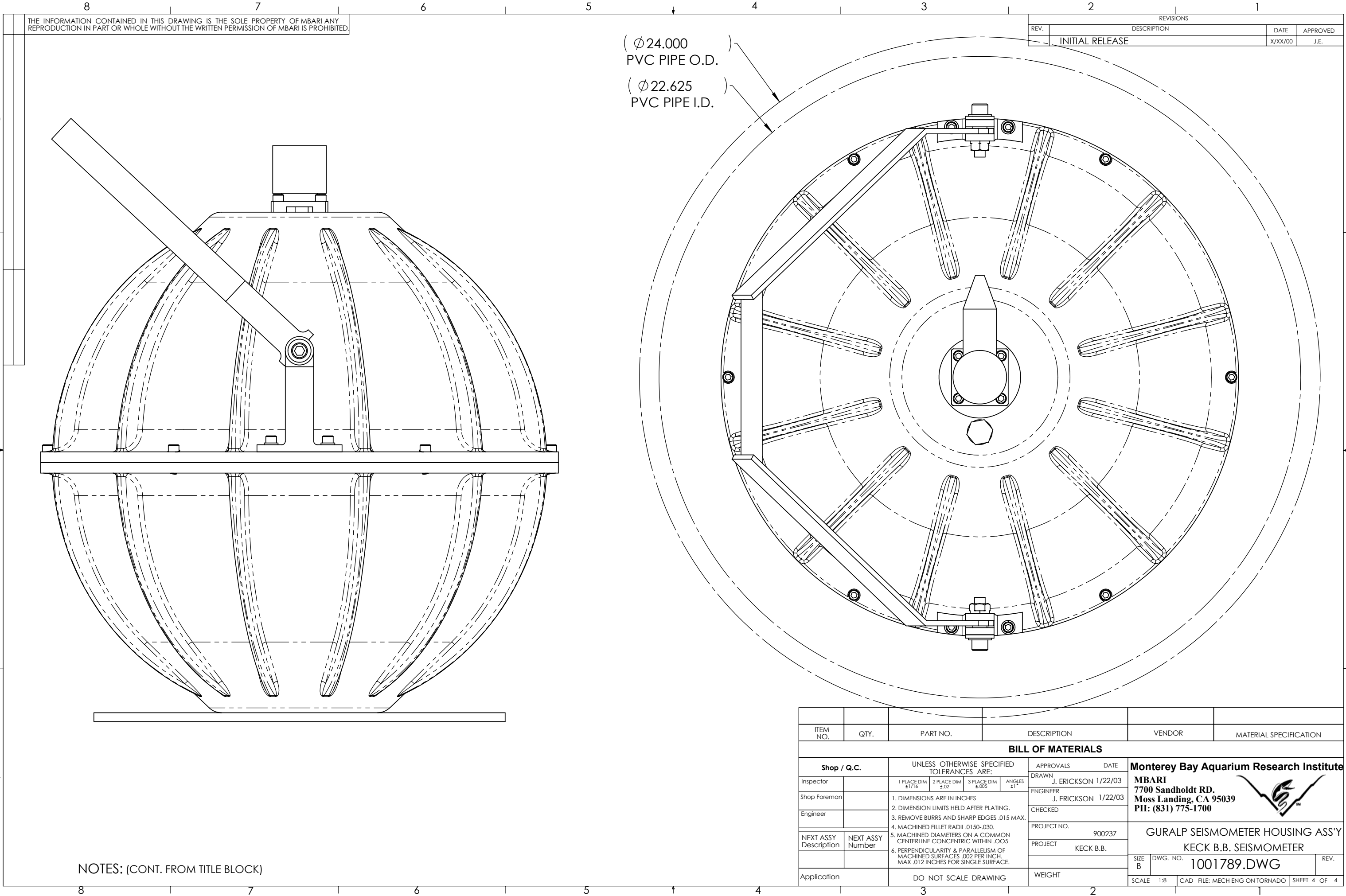
NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
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 1/22/03	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 1/22/03	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 900237	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT KECK B.B.	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		SIZE B DWG. NO. 1001789.DWG	
Application		DO NOT SCALE DRAWING		WEIGHT	
				SCALE 1:8 CAD FILE: MECH ENG ON TORNADO SHEET 3 OF 4	

Monterey Bay Aquarium Research Institute
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Moss Landing, CA 95039
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GURALP SEISMOMETER HOUSING ASS'Y
KECK B.B. SEISMOMETER



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

(Ø 24.000
PVC PIPE O.D.)

(Ø 22.625
PVC PIPE I.D.)

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
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°
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.		DRAWN J. ERICKSON 1/22/03	
Engineer				ENGINEER J. ERICKSON 1/22/03	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 900237	
				PROJECT KECK B.B.	
				GURALP SEISMOMETER HOUSING ASS'Y	
				KECK B.B. SEISMOMETER	
				SIZE B	DWG. NO. 1001789.DWG
				SCALE 1:8	REV.
Application		DO NOT SCALE DRAWING		WEIGHT	
				SCALE 1:8	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 4 OF 4	