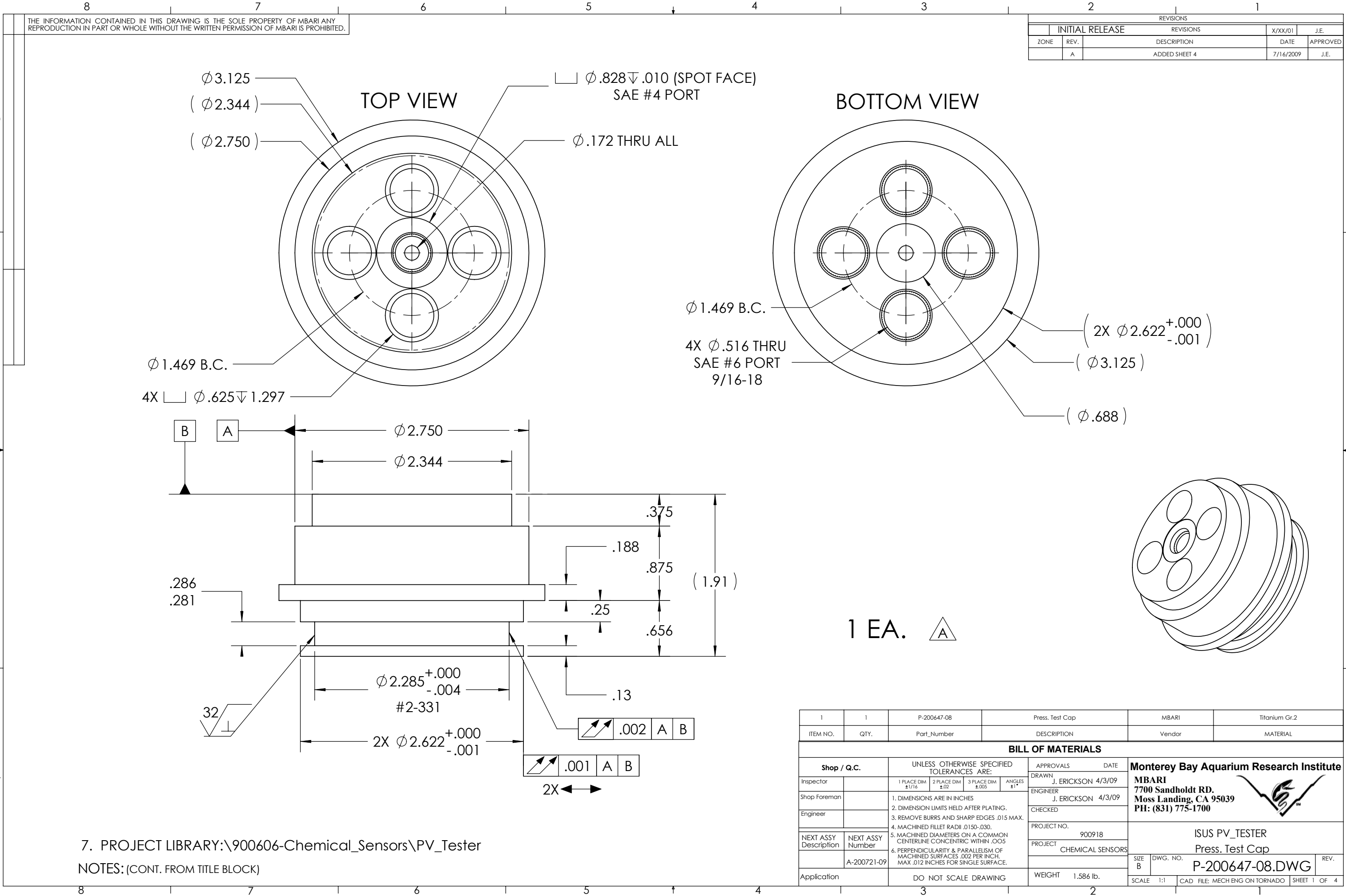




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS				
INITIAL RELEASE		REVISIONS		
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	ADDED SHEET 4	7/16/2009	J.E.

TOP VIEW

$\phi 3.125$
($\phi 2.344$)
($\phi 2.750$)

$\phi .828 \nabla .010$ (SPOT FACE)
SAE #4 PORT

$\phi .172$ THRU ALL

$\phi 1.469$ B.C.

4X $\phi .625 \nabla 1.297$

BOTTOM VIEW

$\phi 1.469$ B.C.

4X $\phi .516$ THRU
SAE #6 PORT
9/16-18

($\phi 2.622^{+.000}_{-.001}$)
($\phi 3.125$)
($\phi .688$)

B A

$\phi 2.750$
 $\phi 2.344$

.375
.875
.25
.656
(1.91)

.286
.281

$\phi 2.285^{+.000}_{-.004}$
#2-331

2X $\phi 2.622^{+.000}_{-.001}$

.13

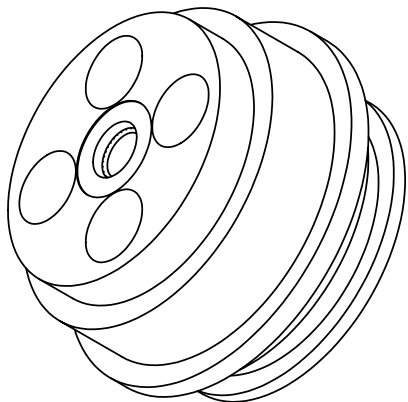
.002 A B

.001 A B

2X

32

1 EA. A



7. PROJECT LIBRARY:\900606-Chemical_Sensors\PV_Tester

NOTES: (CONT. FROM TITLE BLOCK)

I	I	P-200647-08	Press. Test Cap	MBARI	Titanium Gr.2
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°
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 4/3/09	
Engineer				ENGINEER J. ERICKSON 4/3/09	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 900918	
	A-200721-09			PROJECT CHEMICAL SENSORS	
Application		DO NOT SCALE DRAWING		WEIGHT 1.586 lb.	
				SIZE B	
				DWG. NO. P-200647-08.DWG	
				REV.	
				SCALE 1:1	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 1 OF 4	

Monterey Bay Aquarium Research Institute

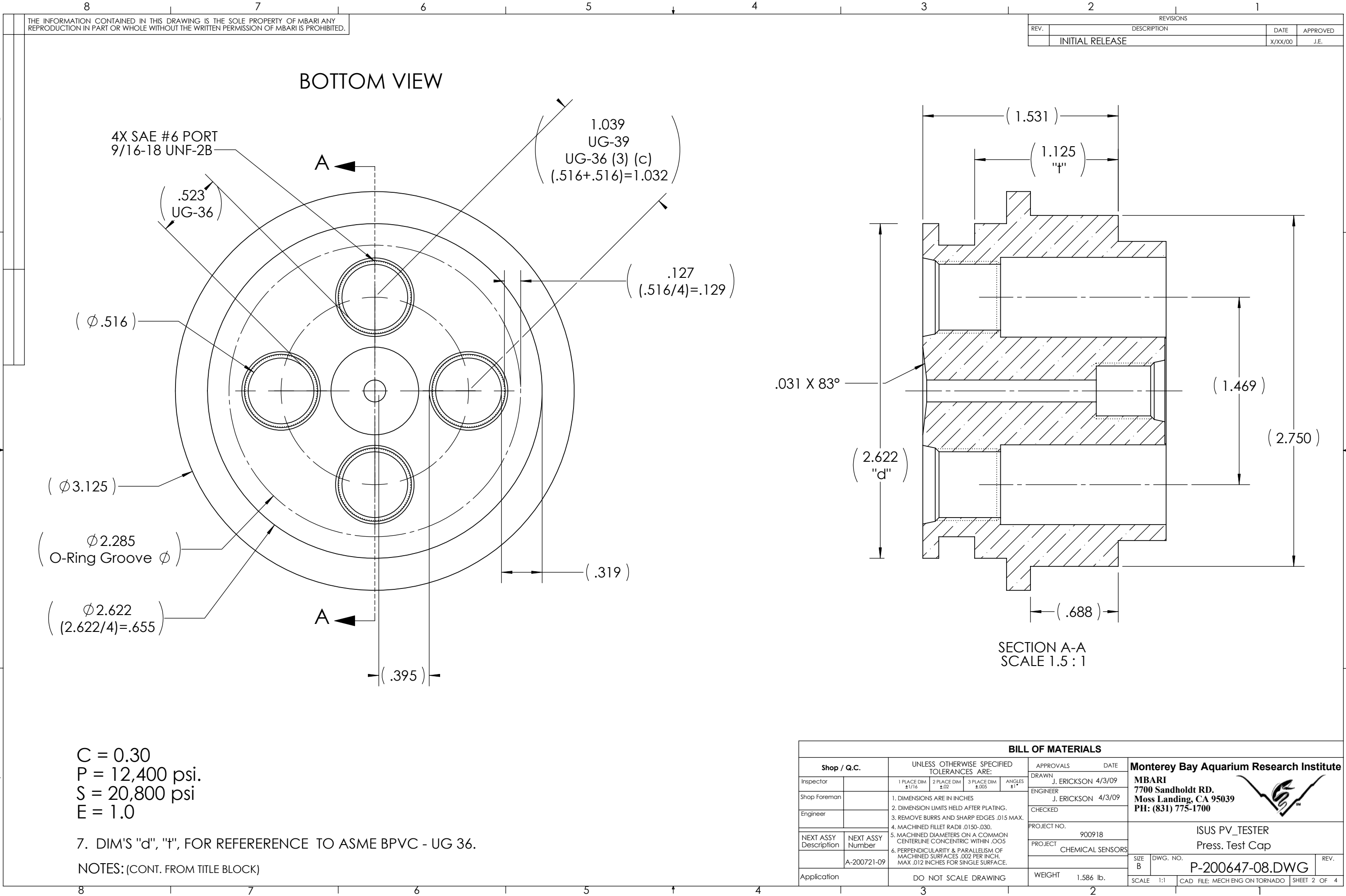
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700

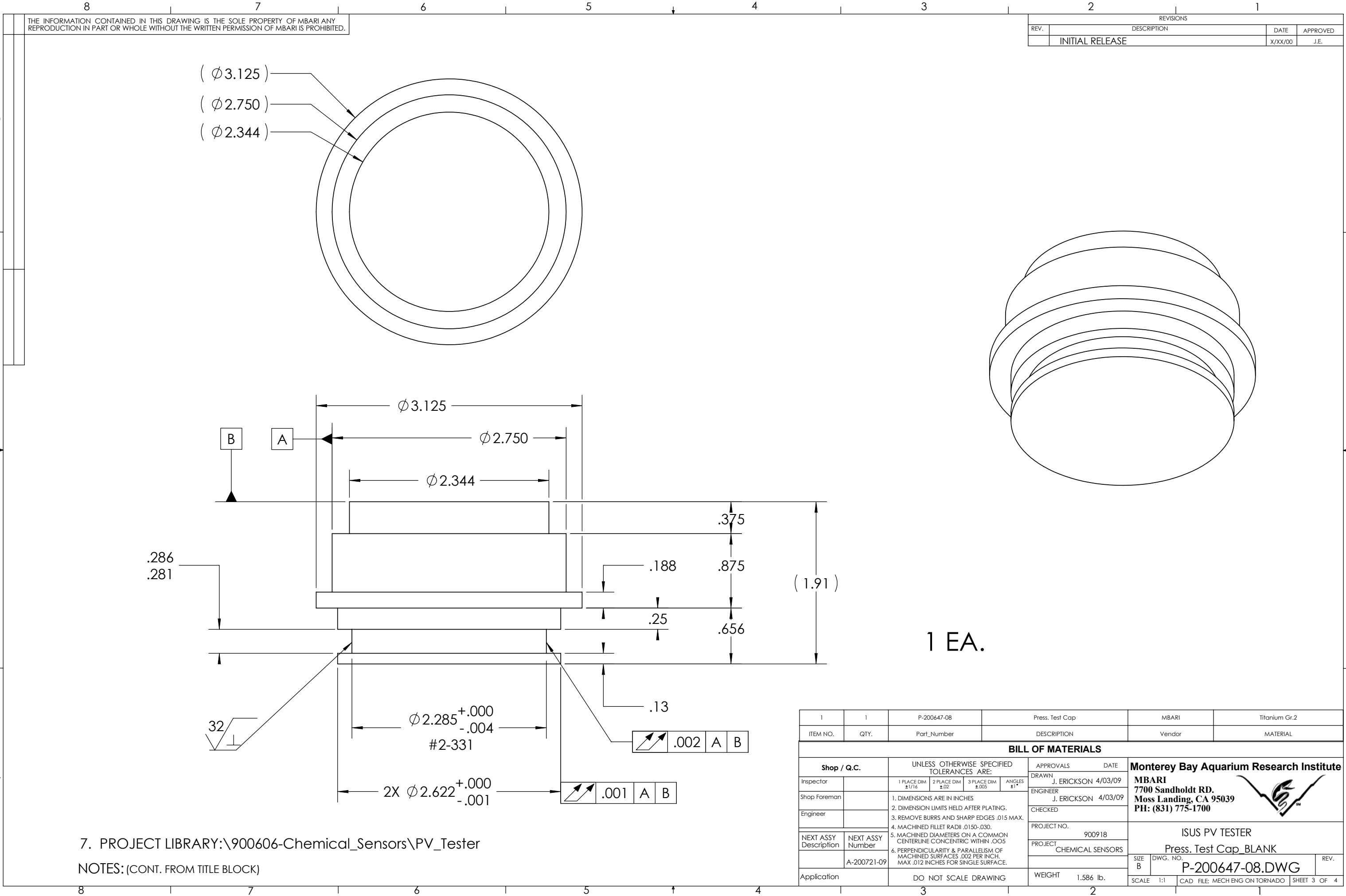


ISUS PV_TESTER

Press. Test Cap

P-200647-08.DWG





THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

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

1 EA.

7. PROJECT LIBRARY:\900606-Chemical_Sensors\PV_Tester

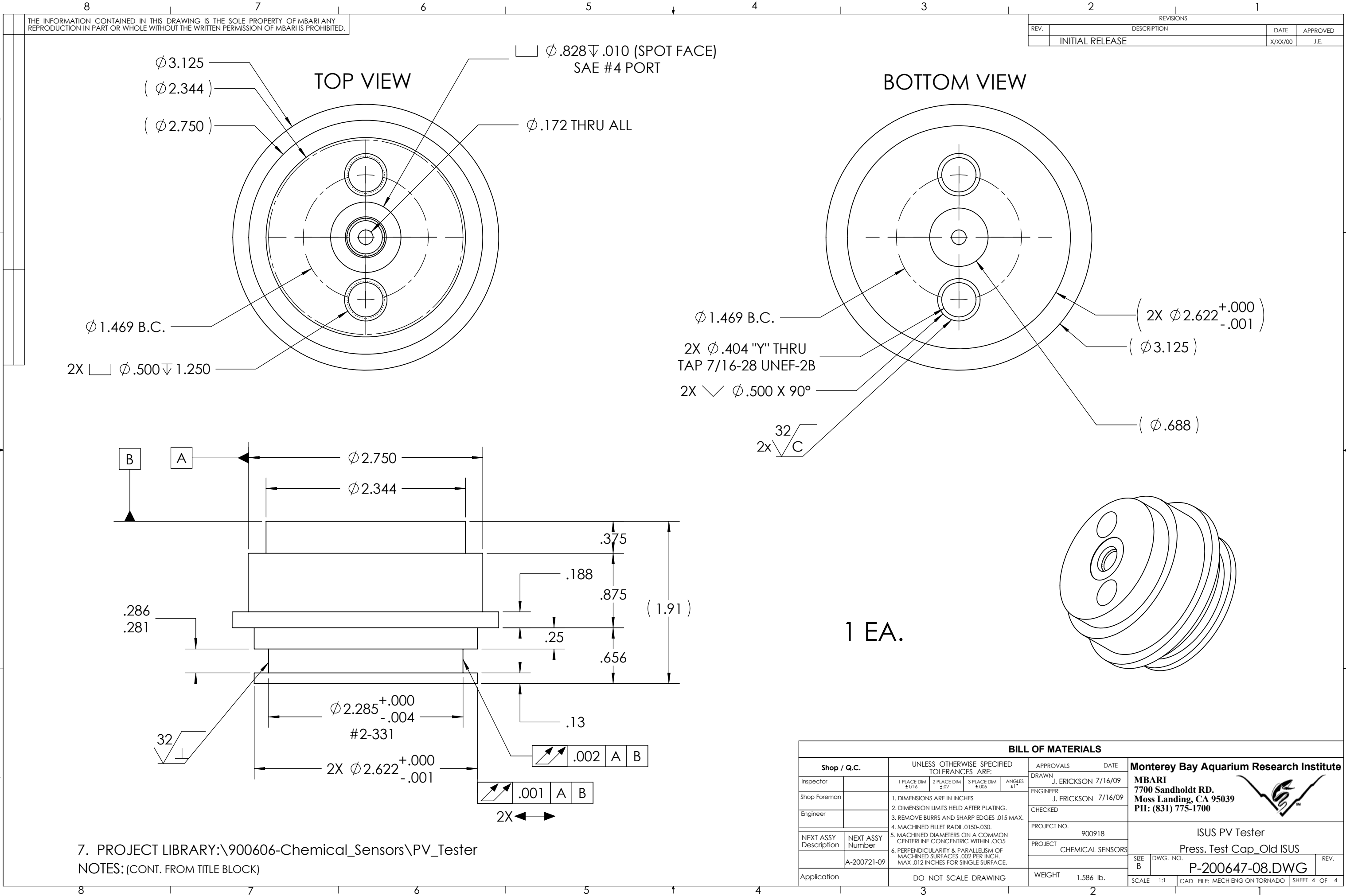
NOTES: (CONT. FROM TITLE BLOCK)

	1	P-200647-08	Press. Test Cap		MBARI	Titanium Gr.2	
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 4/03/09	
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.			ENGINEER J. ERICKSON 4/03/09		
Engineer					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. 900918		
	A-200721-09				PROJECT CHEMICAL SENSORS		
Application		DO NOT SCALE DRAWING			WEIGHT 1.586 lb.		
					SIZE B	DWG. NO. P-200647-08.DWG	REV.
					SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 4

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



ISUS PV TESTER
Press. Test Cap_BLANK



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

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

Ø3.125

(Ø2.344)

(Ø2.750)

TOP VIEW

Ø.828▽.010 (SPOT FACE)
SAE #4 PORT

Ø.172 THRU ALL

Ø1.469 B.C.

2X ▮ Ø.500▽1.250

BOTTOM VIEW

Ø1.469 B.C.

2X Ø.404 "Y" THRU
TAP 7/16-28 UNEF-2B

2X √ Ø.500 X 90°

(2X Ø2.622^{+.000}_{-.001})

(Ø3.125)

(Ø.688)

B

A

Ø2.750

Ø2.344

.375

.875

(1.91)

.286
.281

.188

.25

.656

Ø2.285^{+.000}_{-.004}
#2-331

.13

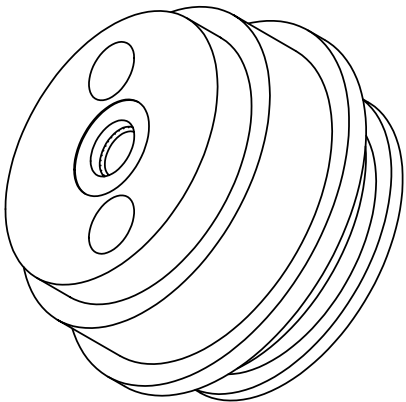
2X Ø2.622^{+.000}_{-.001}

▮ .002 A B

▮ .001 A B

2X ↔

1 EA.



BILL OF MATERIALS

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	J. ERICKSON		7/16/09		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	J. ERICKSON		7/16/09				
Engineer						CHECKED							
NEXT ASSY Description		NEXT ASSY Number				PROJECT NO.		900918		ISUS PV Tester Press. Test Cap_Old ISUS			
						PROJECT		CHEMICAL SENSORS					
		A-200721-09											
Application		DO NOT SCALE DRAWING				WEIGHT		1.586 lb.					

7. PROJECT LIBRARY:\900606-Chemical_Sensors\PV_Tester

NOTES: (CONT. FROM TITLE BLOCK)