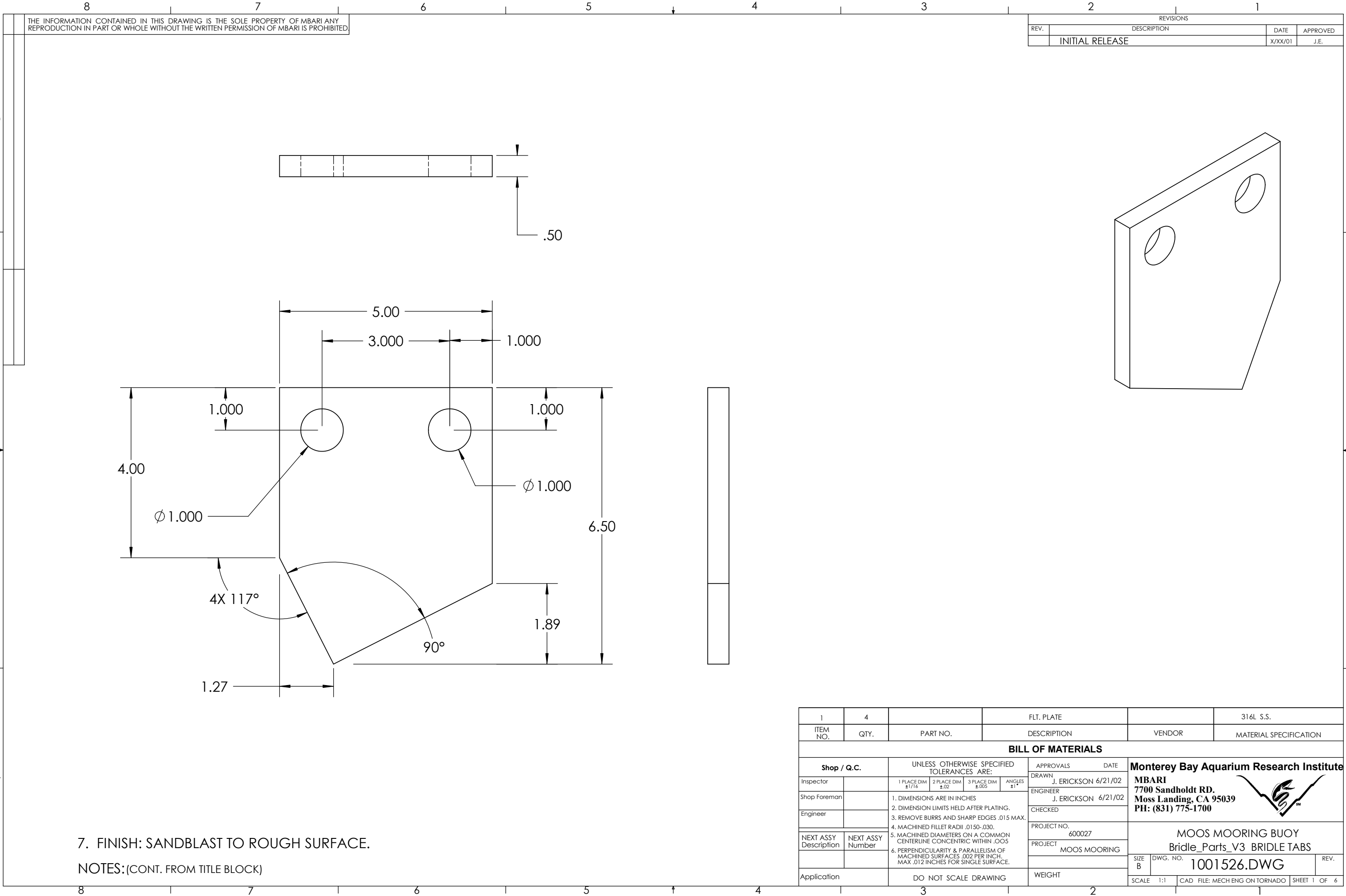
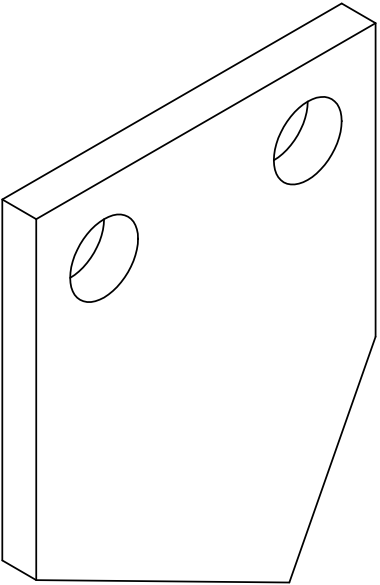
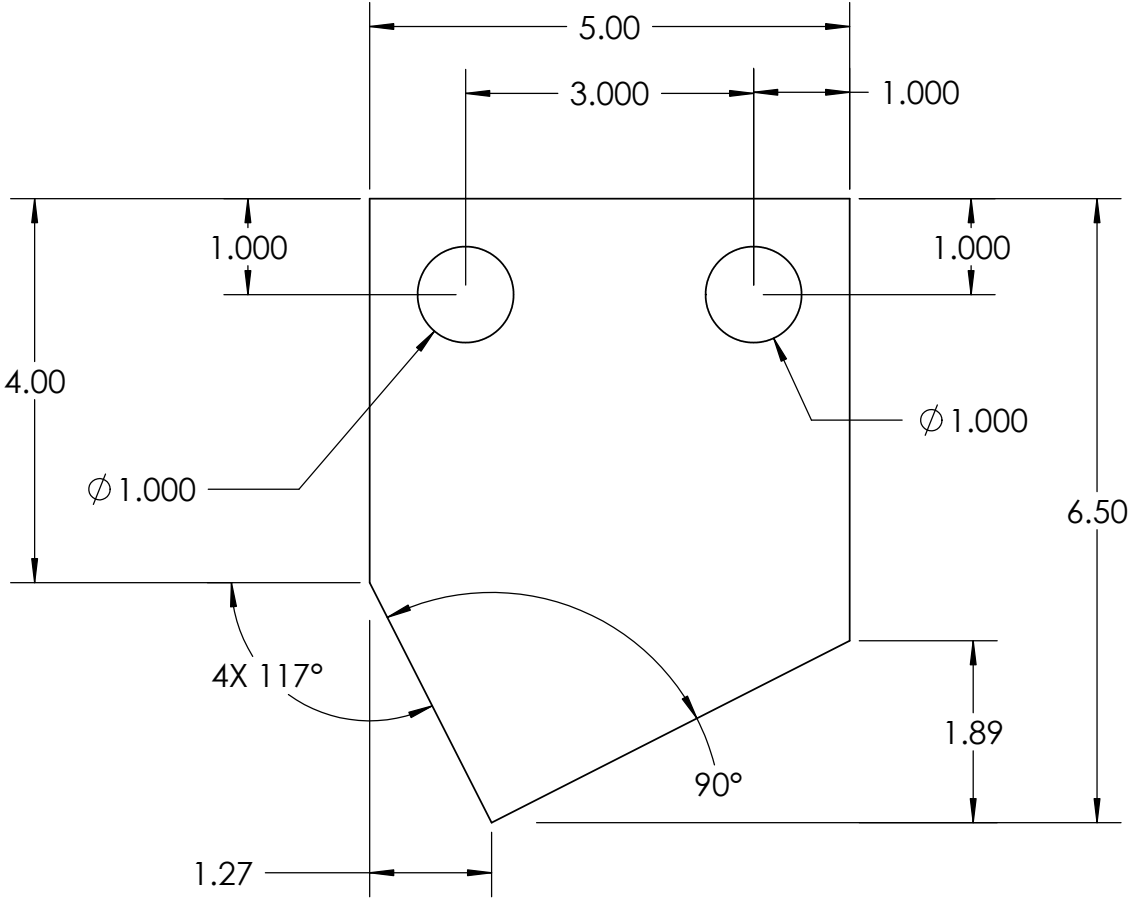




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/01	J.E.



7. FINISH: SANDBLAST TO ROUGH SURFACE.

NOTES:(CONT. FROM TITLE BLOCK)

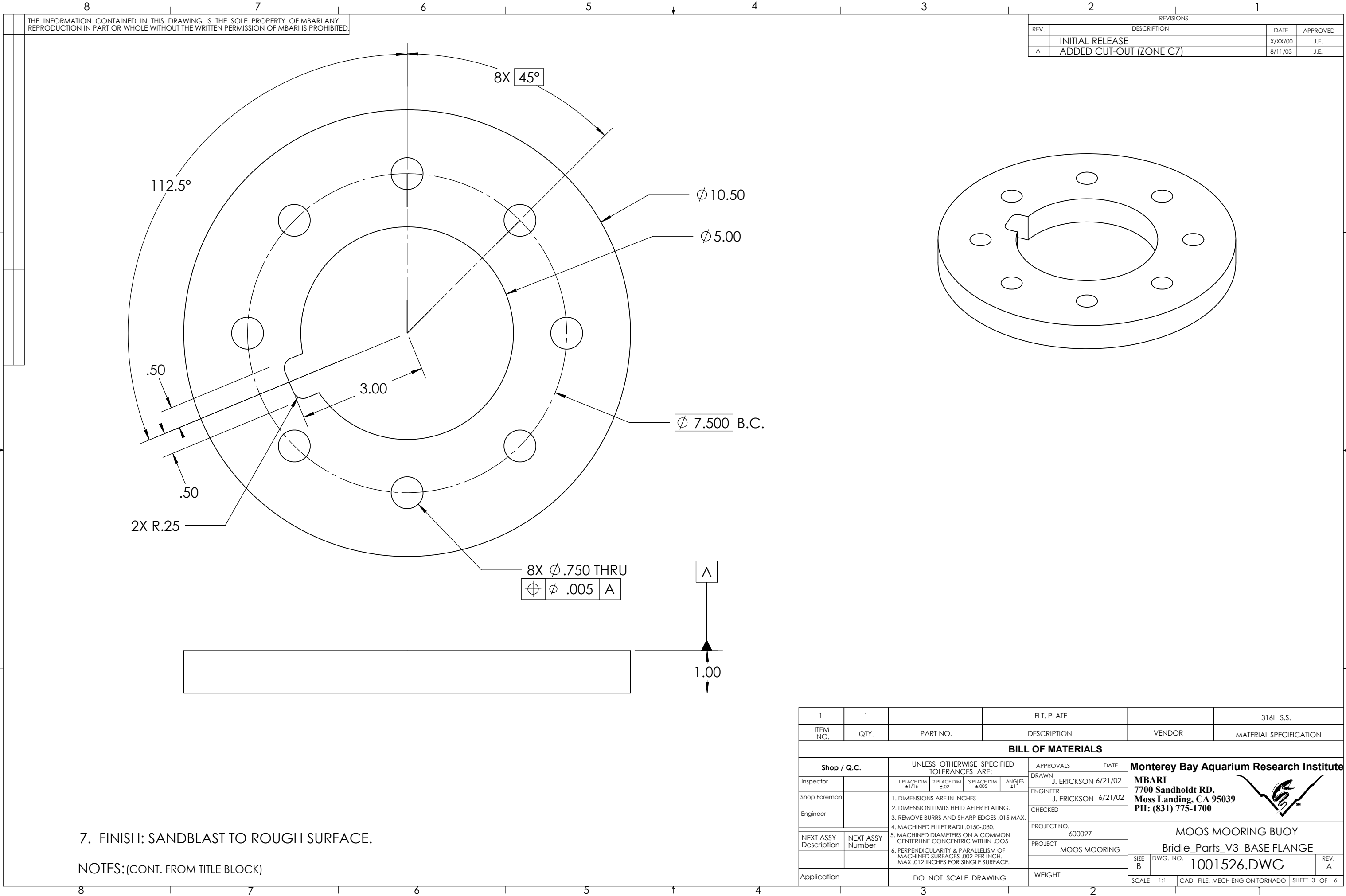
1	4		FLT. PLATE		316L S.S.
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES 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 6/21/02
Engineer				ENGINEER	J. ERICKSON 6/21/02
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	600027
				PROJECT	MOOS MOORING
Application		DO NOT SCALE DRAWING		WEIGHT	
				SIZE B	DWG. NO. 1001526.DWG
				SCALE 1:1	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 6

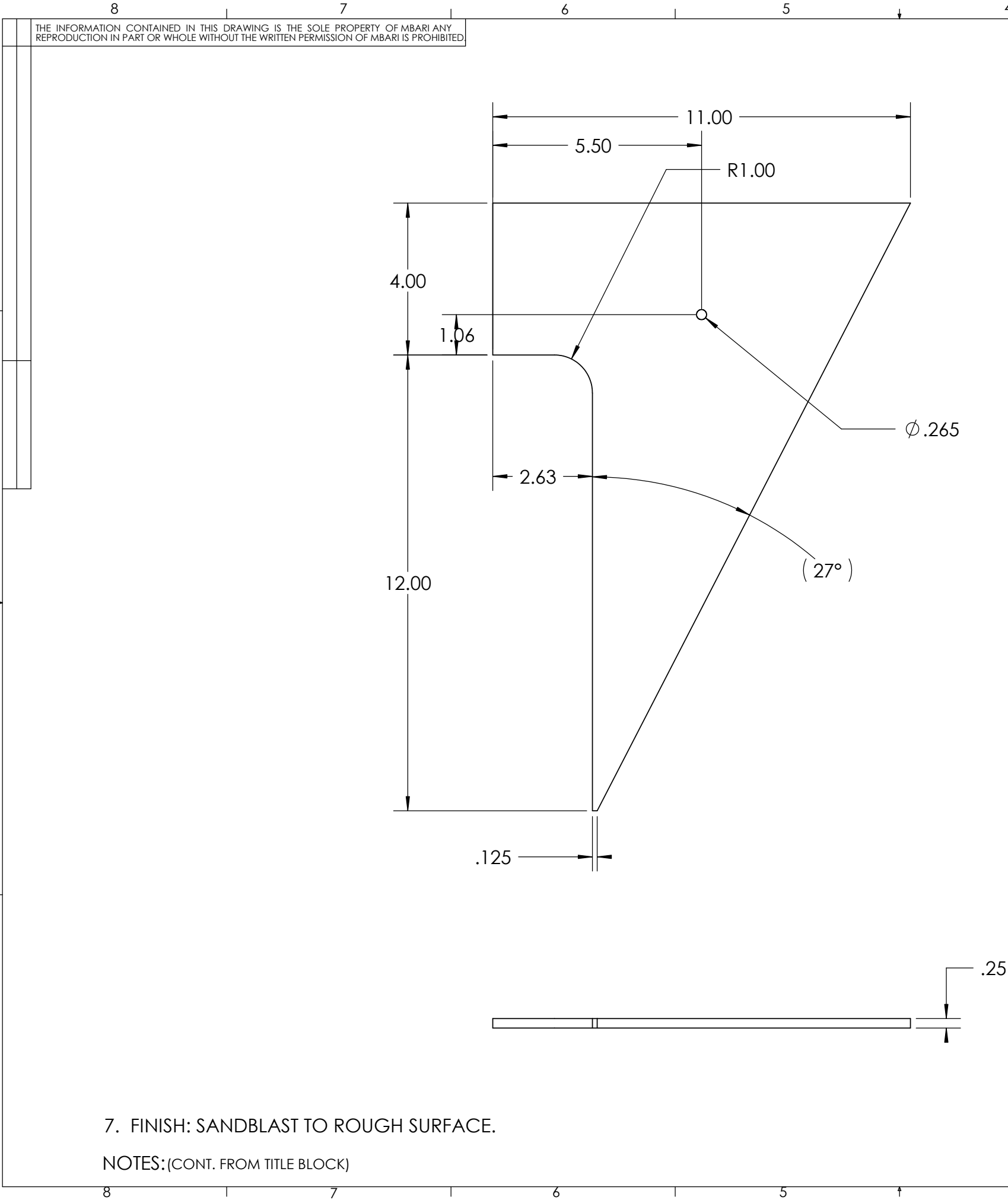
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



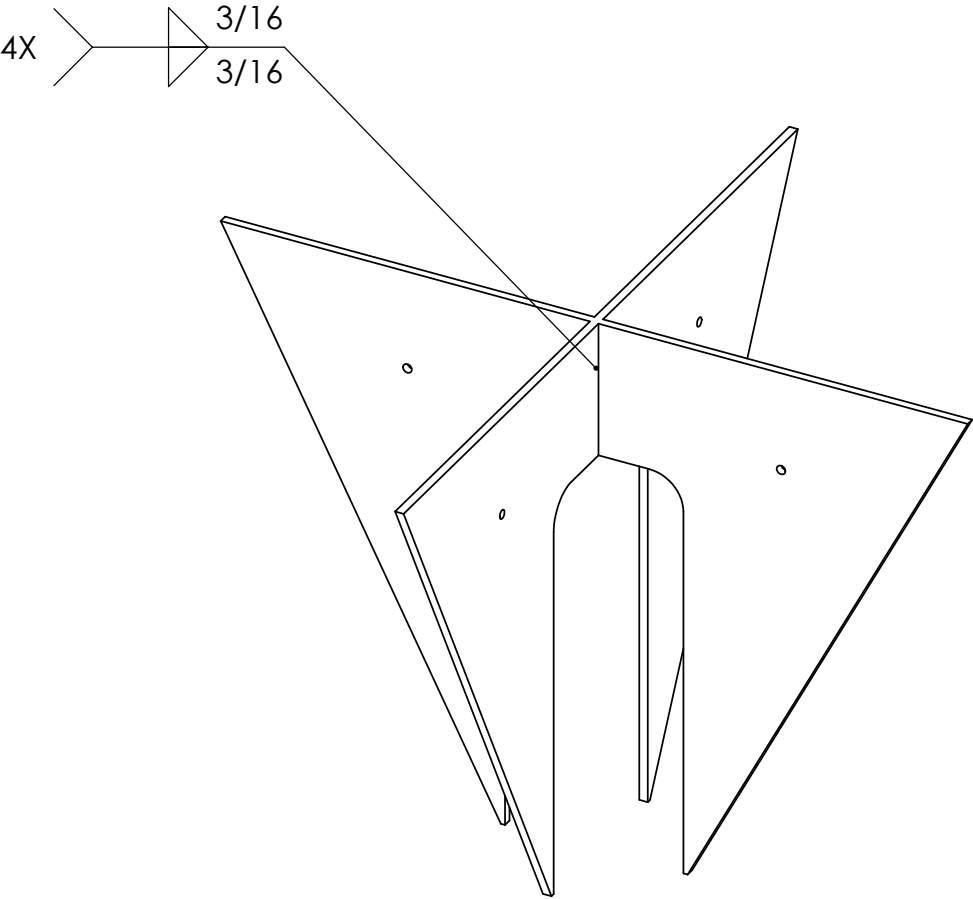
MOOS MOORING BUOY
Bridle_Parts_V3 BRIDLE TABS







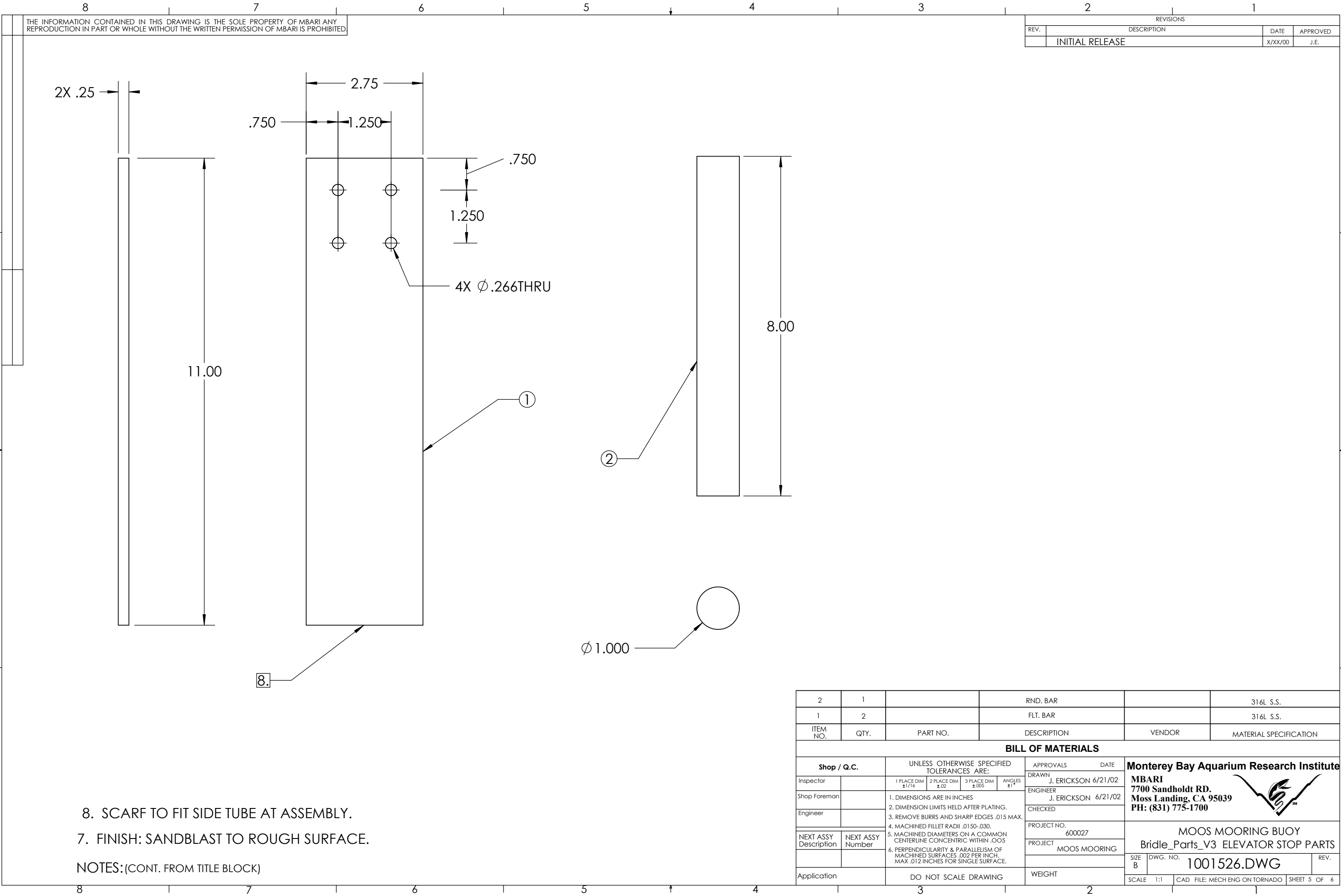
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.
A	ADDED .265 HOLE (ZINC ANODE MOUNT)	8/11/03	J.E.



1	4		FLT. PLATE		316L S.S.
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		DRAWN J. ERICKSON 6/21/02	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 6/21/02	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 600027	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT MOOS MOORING	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		SIZE B DWG. NO. 1001526.DWG	
Application		DO NOT SCALE DRAWING		WEIGHT	
				SCALE 1:1 CAD FILE: MECH ENG ON TORNADO SHEET 4 OF 6	

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

MOOS MOORING BUOY
Bridle_Parts_V3 BASE GUSSET



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.

8. SCARF TO FIT SIDE TUBE AT ASSEMBLY.
7. FINISH: SANDBLAST TO ROUGH SURFACE.

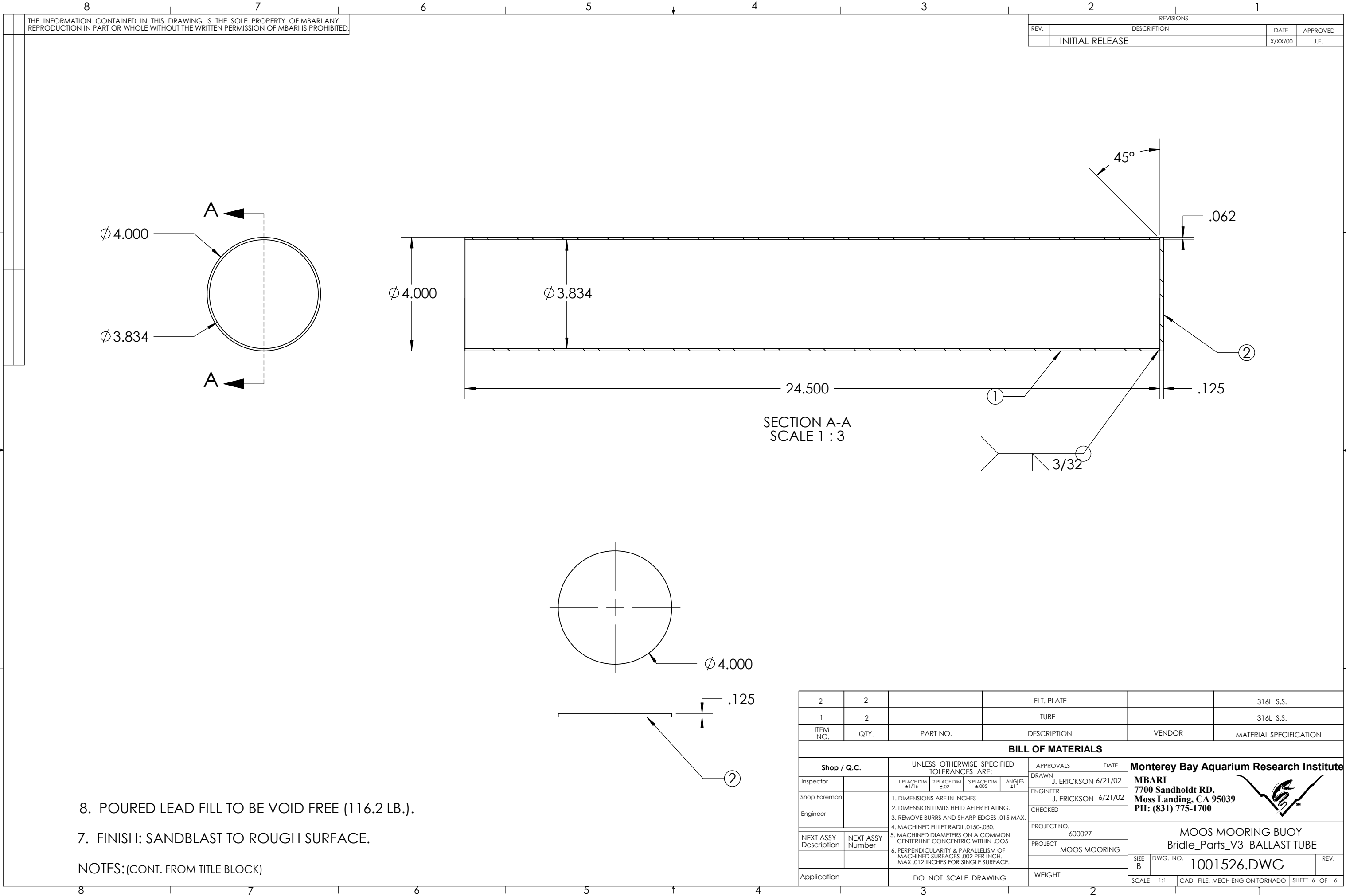
NOTES:(CONT. FROM TITLE BLOCK)

2	1		RND. BAR		316L S.S.
1	2		FLT. BAR		316L S.S.
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 6/21/02
Engineer				ENGINEER	J. ERICKSON 6/21/02
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	600027
				PROJECT	MOOS MOORING
Application		DO NOT SCALE DRAWING		WEIGHT	
				SIZE B	DWG. NO. 1001526.DWG
				SCALE 1:1	CAD FILE: MECH ENG ON TORNADO SHEET 5 OF 6

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



MOOS MOORING BUOY
Bridle_Parts_V3 ELEVATOR STOP PARTS



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.

SECTION A-A
SCALE 1 : 3

8. POURED LEAD FILL TO BE VOID FREE (116.2 LB.).

7. FINISH: SANDBLAST TO ROUGH SURFACE.

NOTES:(CONT. FROM TITLE BLOCK)

2	2		FLT. PLATE		316L S.S.
1	2		TUBE		316L S.S.
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 6/21/02	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 
Engineer				ENGINEER J. ERICKSON 6/21/02	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 600027	MOOS MOORING BUOY Bridle_Parts_V3 BALLAST TUBE
				PROJECT MOOS MOORING	
Application		DO NOT SCALE DRAWING		WEIGHT	SIZE B
				SCALE 1:1	DWG. NO. 1001526.DWG
				CAD FILE: MECH ENG ON TORNADO	REV.
				SHEET 6 OF 6	

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



MOOS MOORING BUOY
Bridle_Parts_V3 BALLAST TUBE