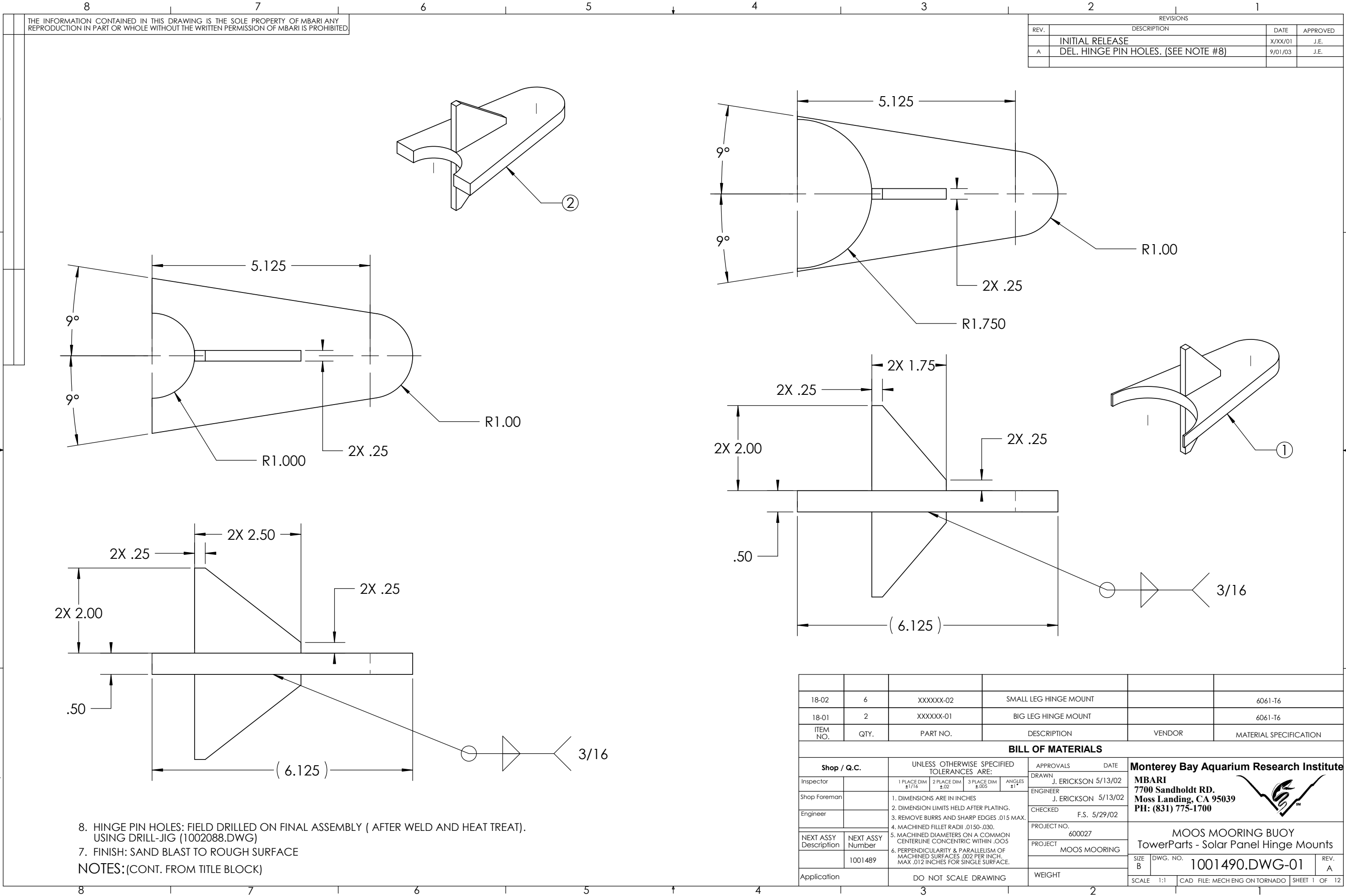
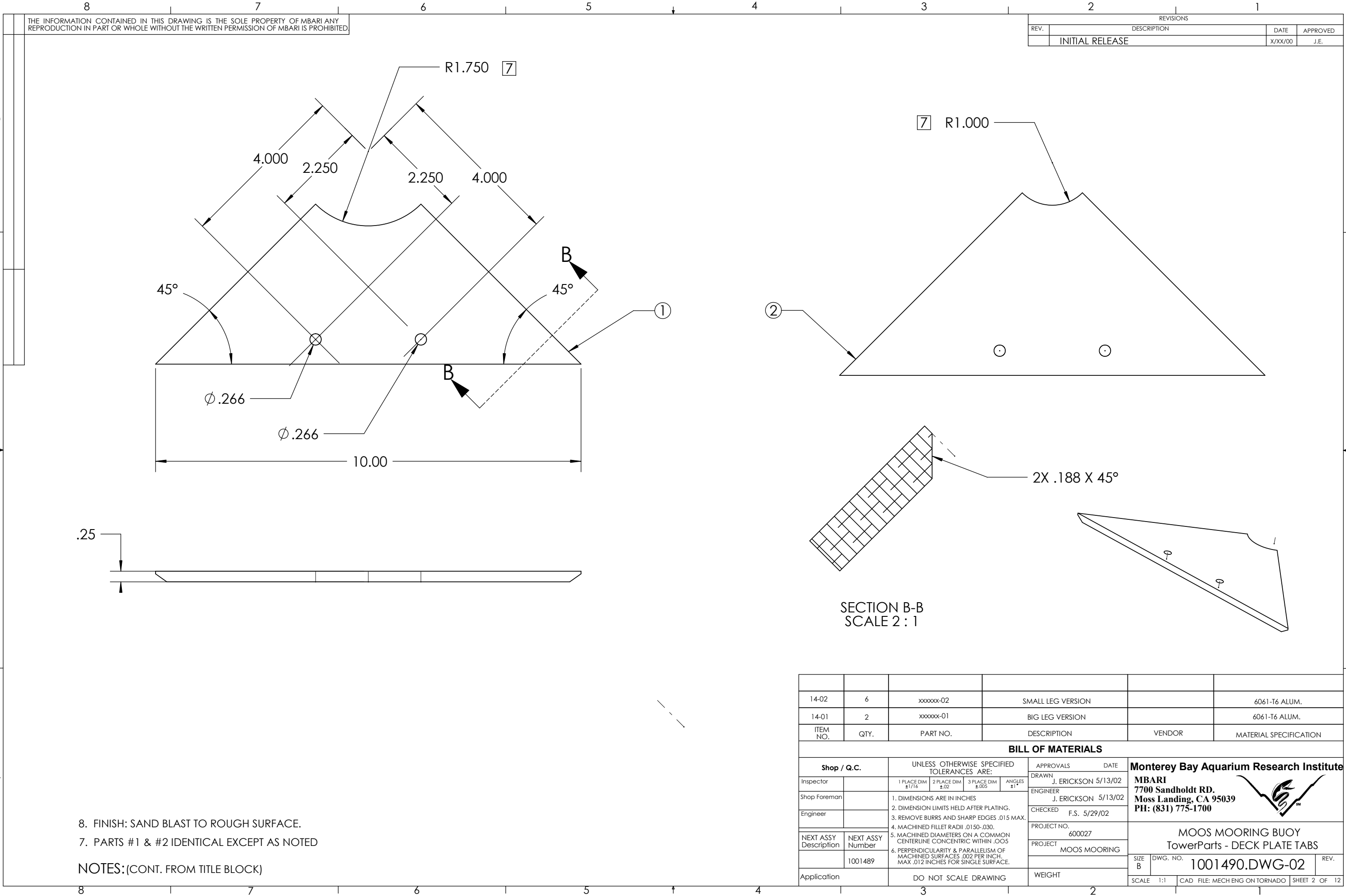
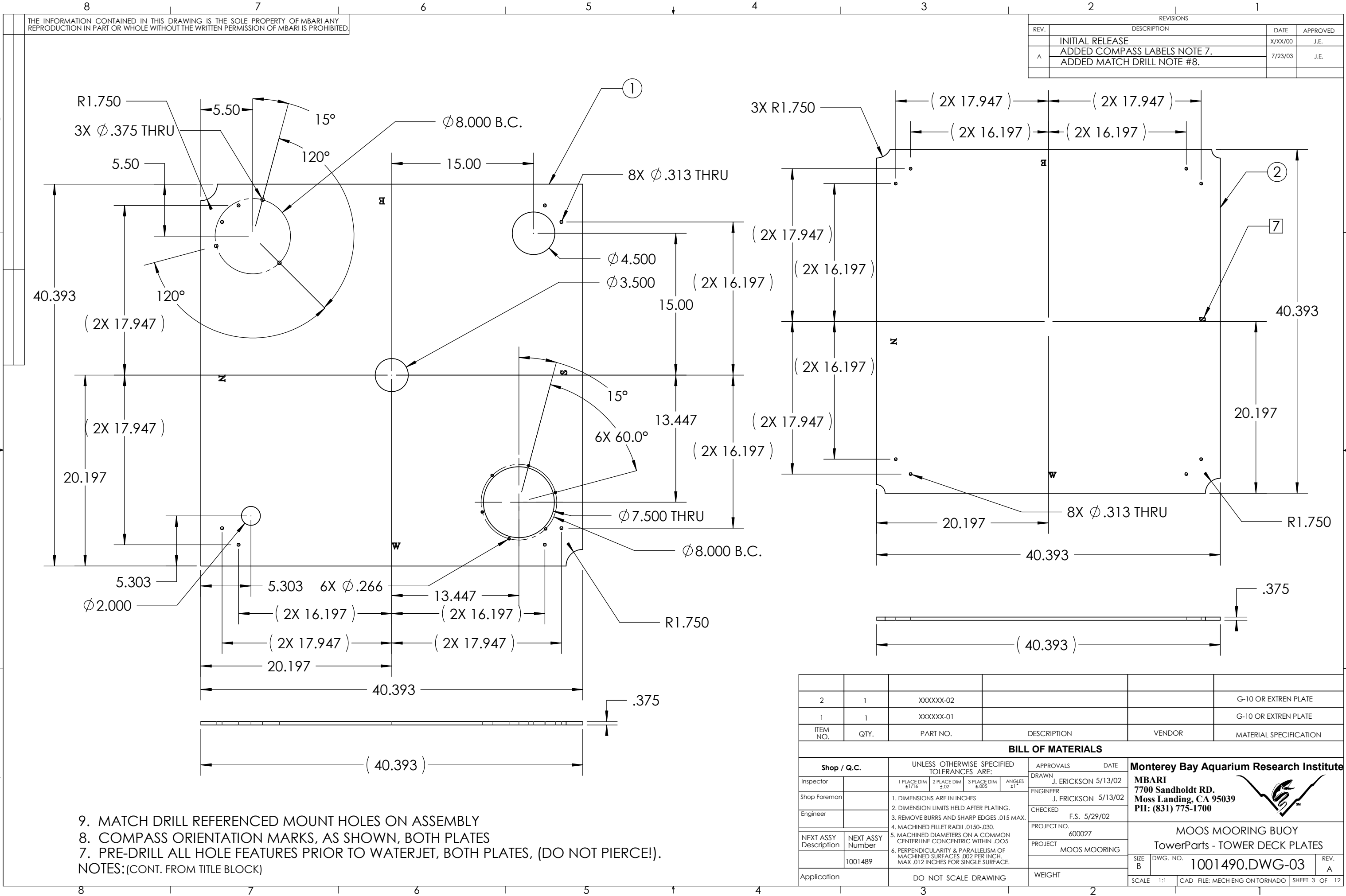
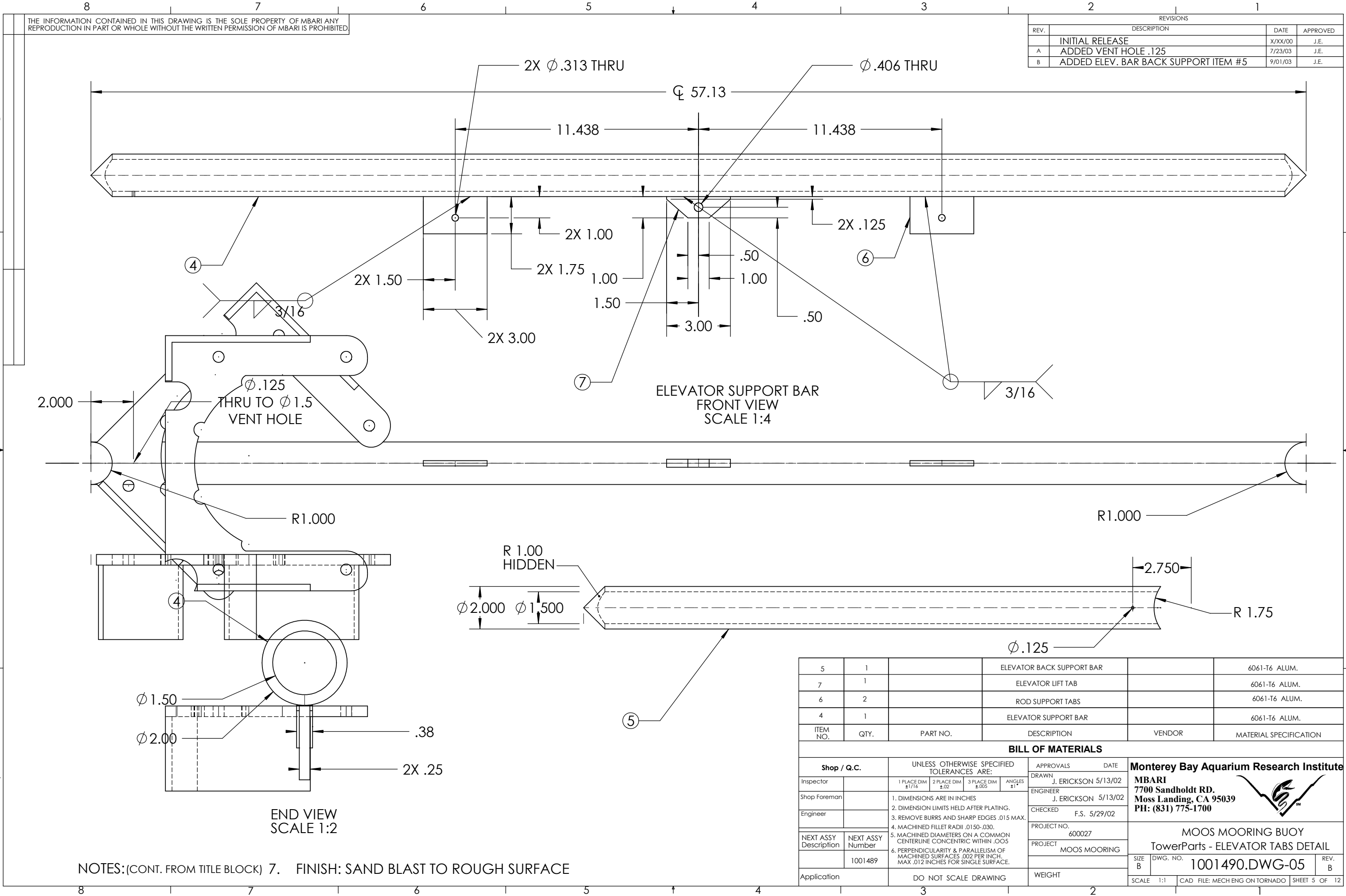










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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.
A	ADDED VENT HOLE .125	7/23/03	J.E.
B	ADDED ELEV. BAR BACK SUPPORT ITEM #5	9/01/03	J.E.

ELEVATOR SUPPORT BAR
FRONT VIEW
SCALE 1:4

END VIEW
SCALE 1:2

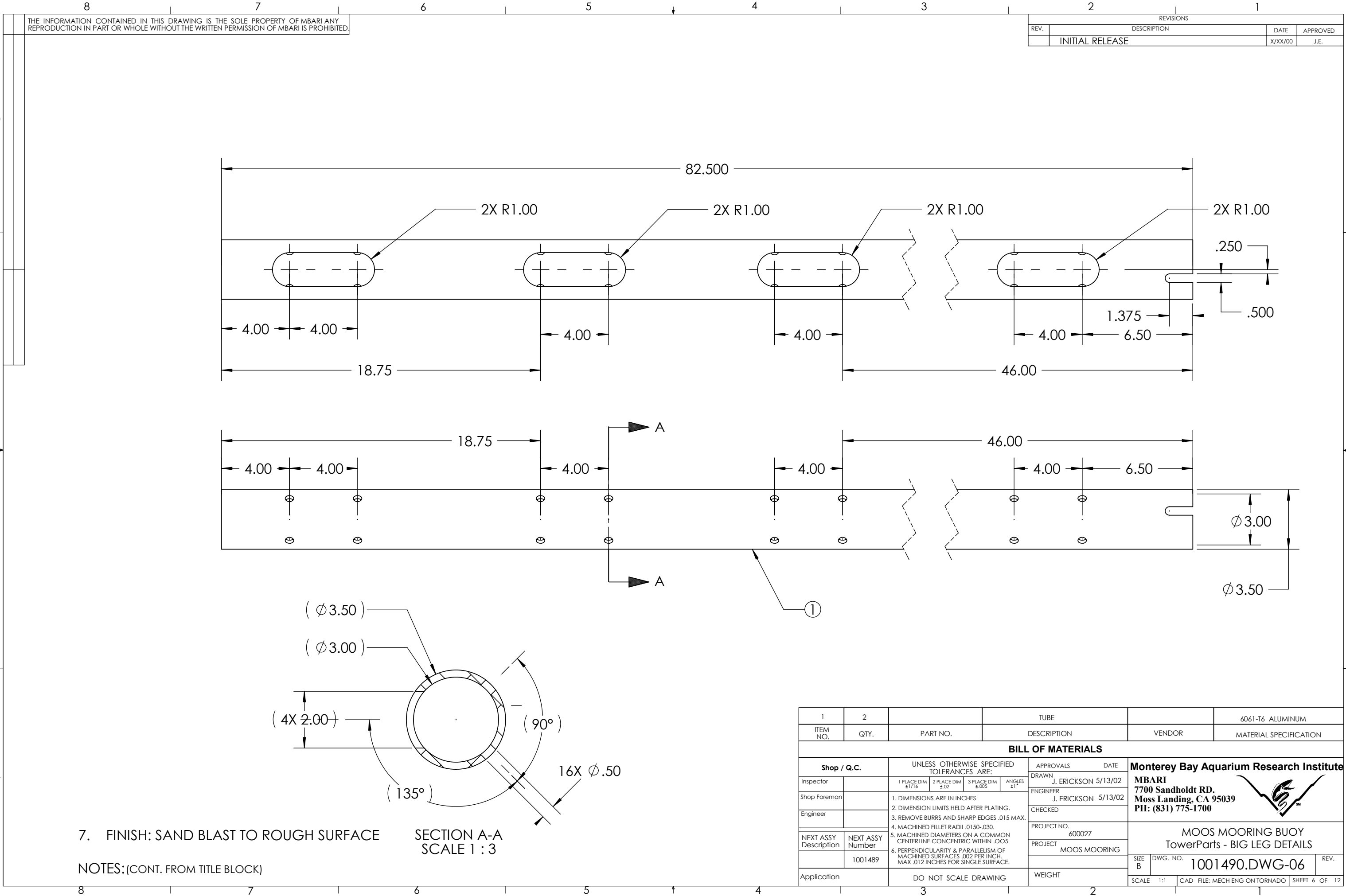
NOTES:(CONT. FROM TITLE BLOCK) 7. FINISH: SAND BLAST TO ROUGH SURFACE

5	1		ELEVATOR BACK SUPPORT BAR		6061-T6 ALUM.
7	1		ELEVATOR LIFT TAB		6061-T6 ALUM.
6	2		ROD SUPPORT TABS		6061-T6 ALUM.
4	1		ELEVATOR SUPPORT BAR		6061-T6 ALUM.
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 $\pm .02$	DRAWN	J. ERICKSON 5/13/02
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	ENGINEER	J. ERICKSON 5/13/02
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.		CHECKED	F.S. 5/29/02
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 600027		PROJECT	MOOS MOORING
	1001489	WEIGHT		SIZE B	DWG. NO. 1001490.DWG-05
Application	DO NOT SCALE DRAWING	SCALE 1:1		CAD FILE: MECH ENG ON TORNADO	SHEET 5 OF 12

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MOOS MOORING BUOY
TowerParts - ELEVATOR TABS DETAIL



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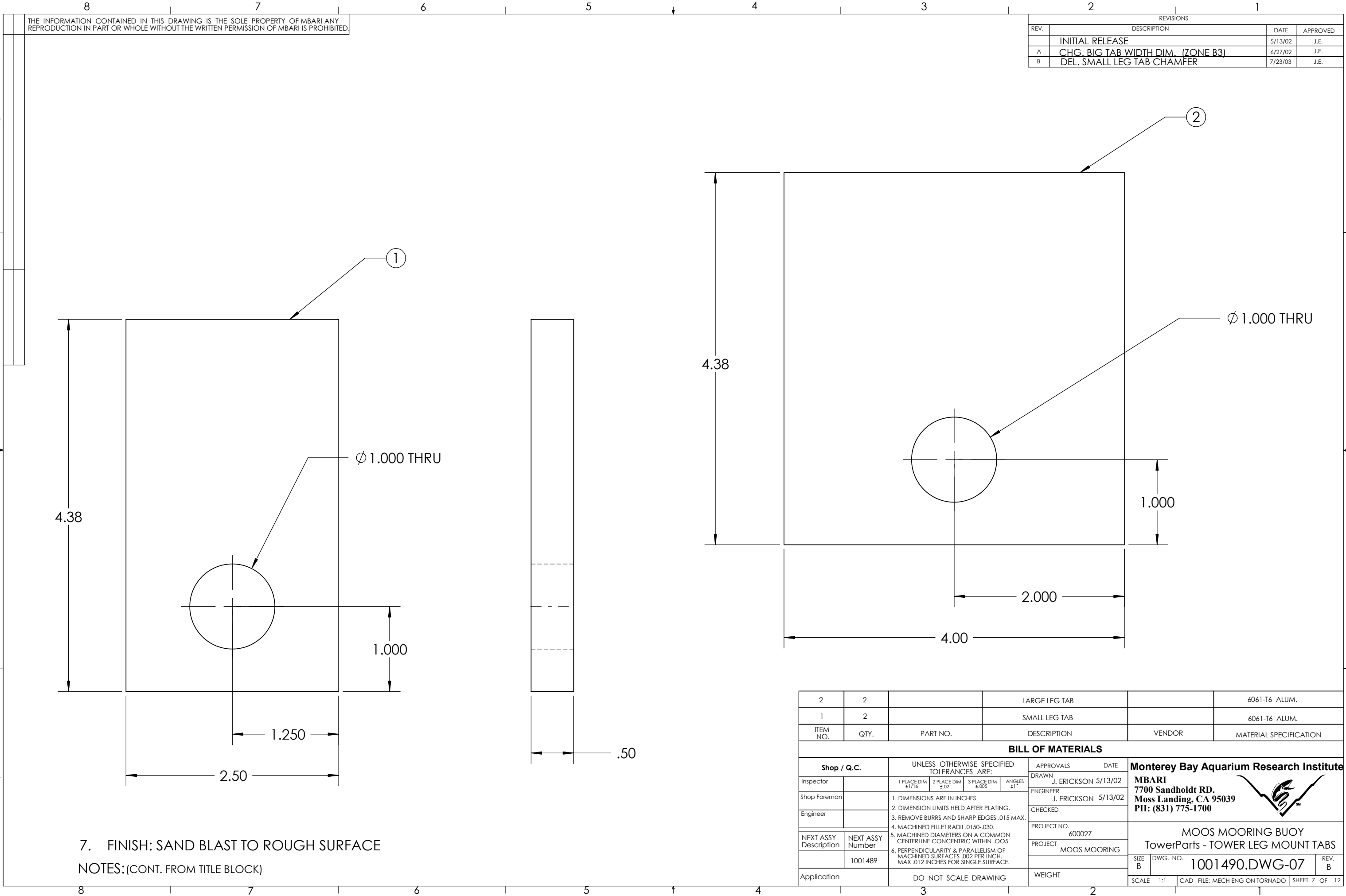
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

1	2	TUBE			6061-T6 ALUMINUM		
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 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							
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 600027				MOOS MOORING BUOY TowerParts - BIG LEG DETAILS	
	1001489	PROJECT MOOS MOORING					
Application		DO NOT SCALE DRAWING			WEIGHT		
					SIZE B	DWG. NO.	REV.
					SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 6 OF 12

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MOOS MOORING BUOY
TowerParts - BIG LEG DETAILS



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	5/13/02	J.E.
A	CHG. BIG TAB WIDTH DIM. (ZONE B3)	6/27/02	J.E.
B	DEL. SMALL LEG TAB CHAMFER	7/23/03	J.E.

7. FINISH: SAND BLAST TO ROUGH SURFACE

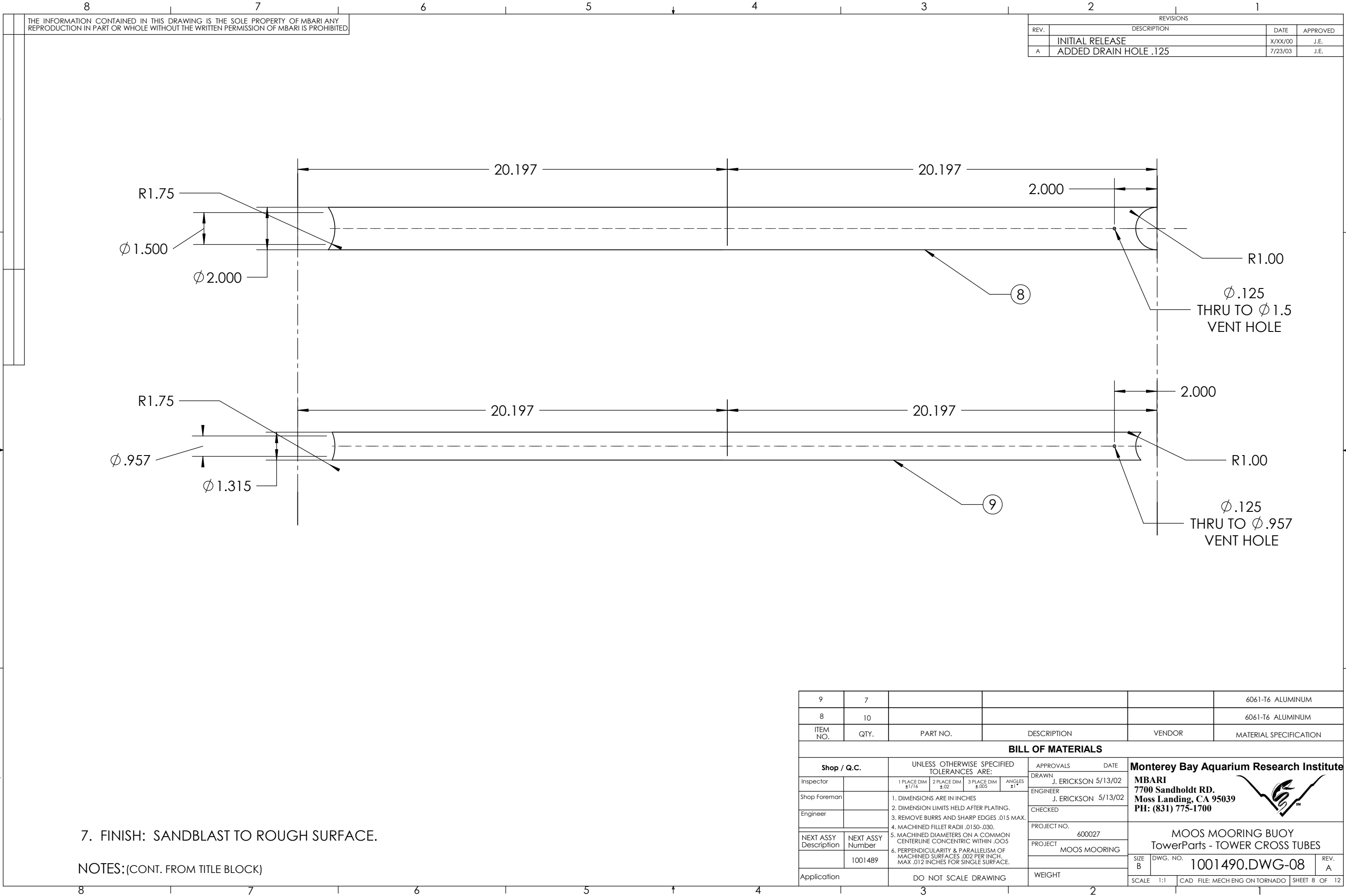
NOTES:(CONT. FROM TITLE BLOCK)

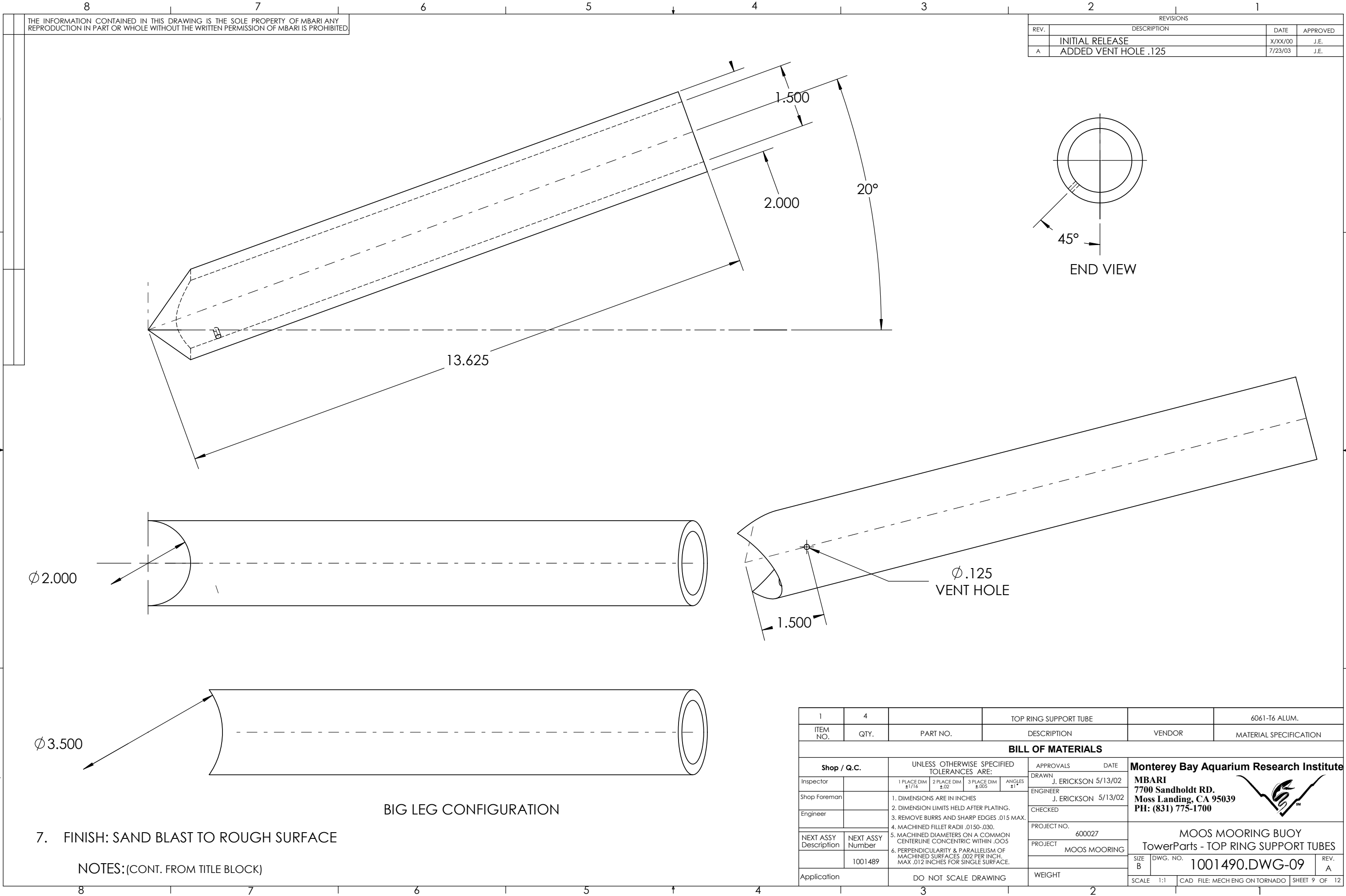
2	2		LARGE LEG TAB		6061-T6 ALUM.
1	2		SMALL LEG TAB		6061-T6 ALUM.
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
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 5/13/02	
Engineer				ENGINEER J. ERICKSON 5/13/02	
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 600027	
	1001489			PROJECT MOOS MOORING	
Application		DO NOT SCALE DRAWING		WEIGHT	
				SIZE B	
				DWG. NO. 1001490.DWG-07	
				REV. B	
				SCALE 1:1	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 7 OF 12	

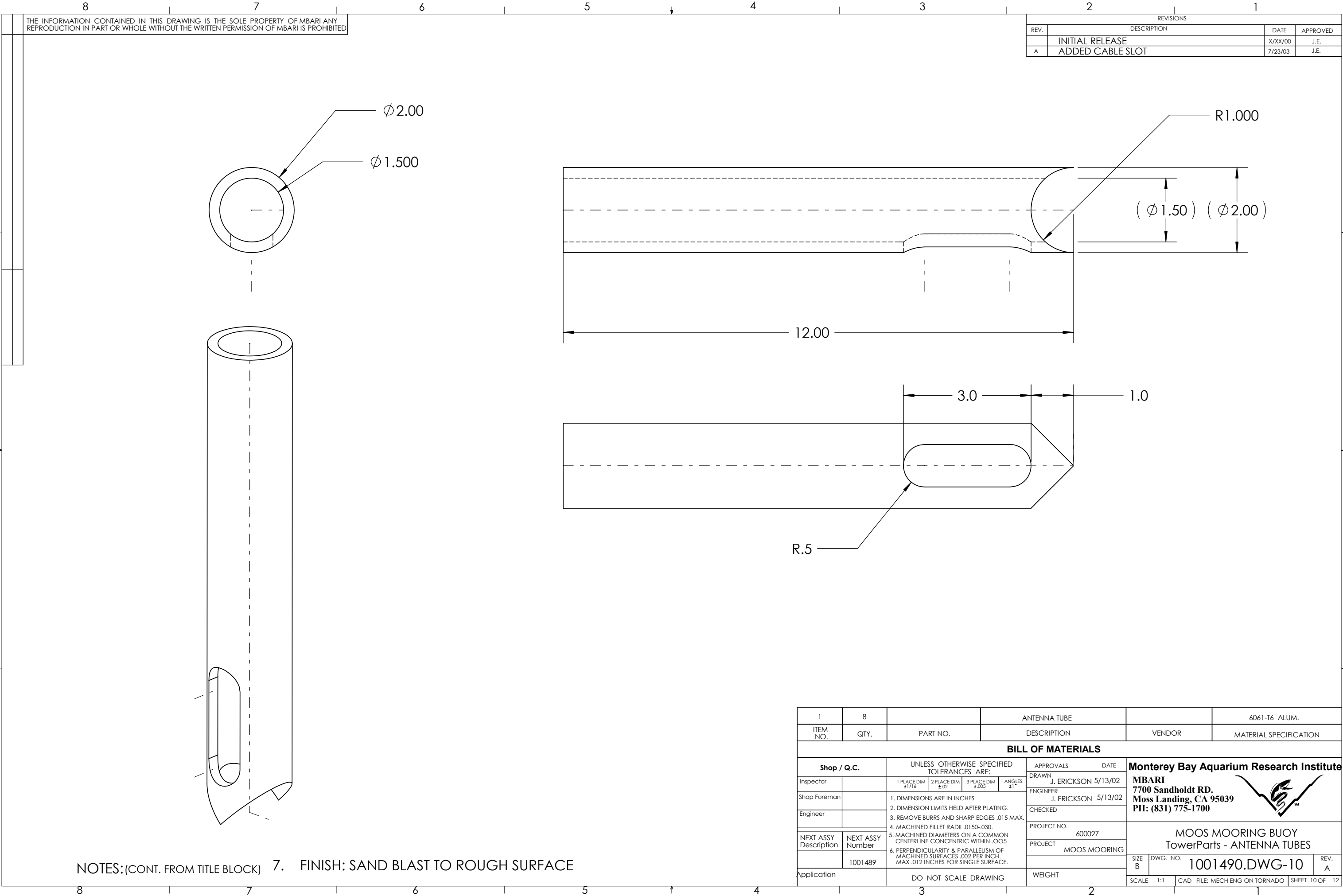
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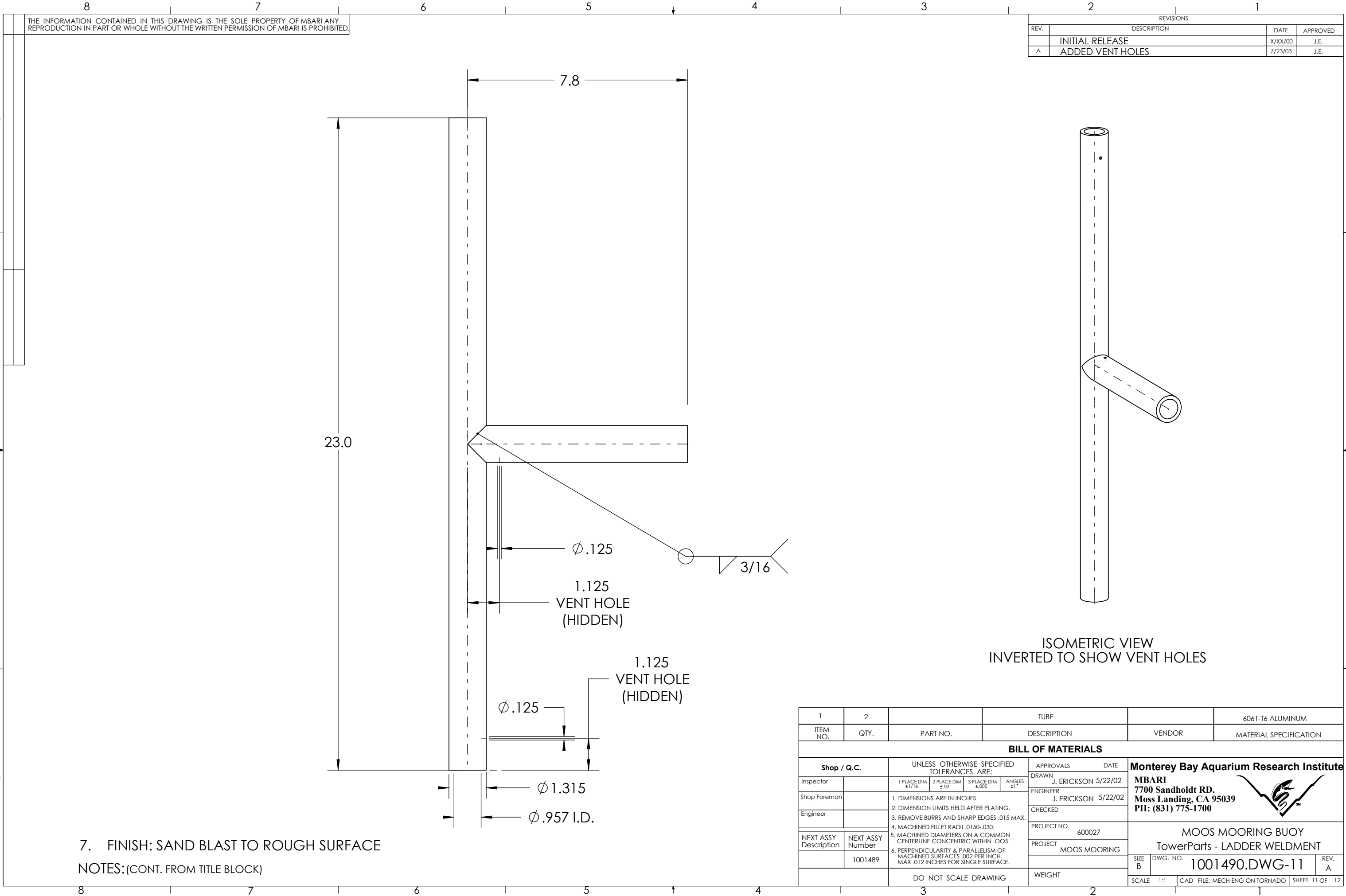


MOOS MOORING BUOY
TowerParts - TOWER LEG MOUNT TABS









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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.
A	ADDED VENT HOLES	7/23/03	J.E.

ISOMETRIC VIEW
INVERTED TO SHOW VENT HOLES

1	2		TUBE		6061-T6 ALUMINUM
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 5/22/02	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 5/22/02	
		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	
	1001489	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
		DO NOT SCALE DRAWING		WEIGHT	
				SCALE 1:1	CAD FILE: MECH ENG ON TORNADO
				SHEET 11 OF 12	

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MOOS MOORING BUOY
TowerParts - LADDER WELDMENT

SIZE B DWG. NO. 1001490.DWG-11 REV. A

