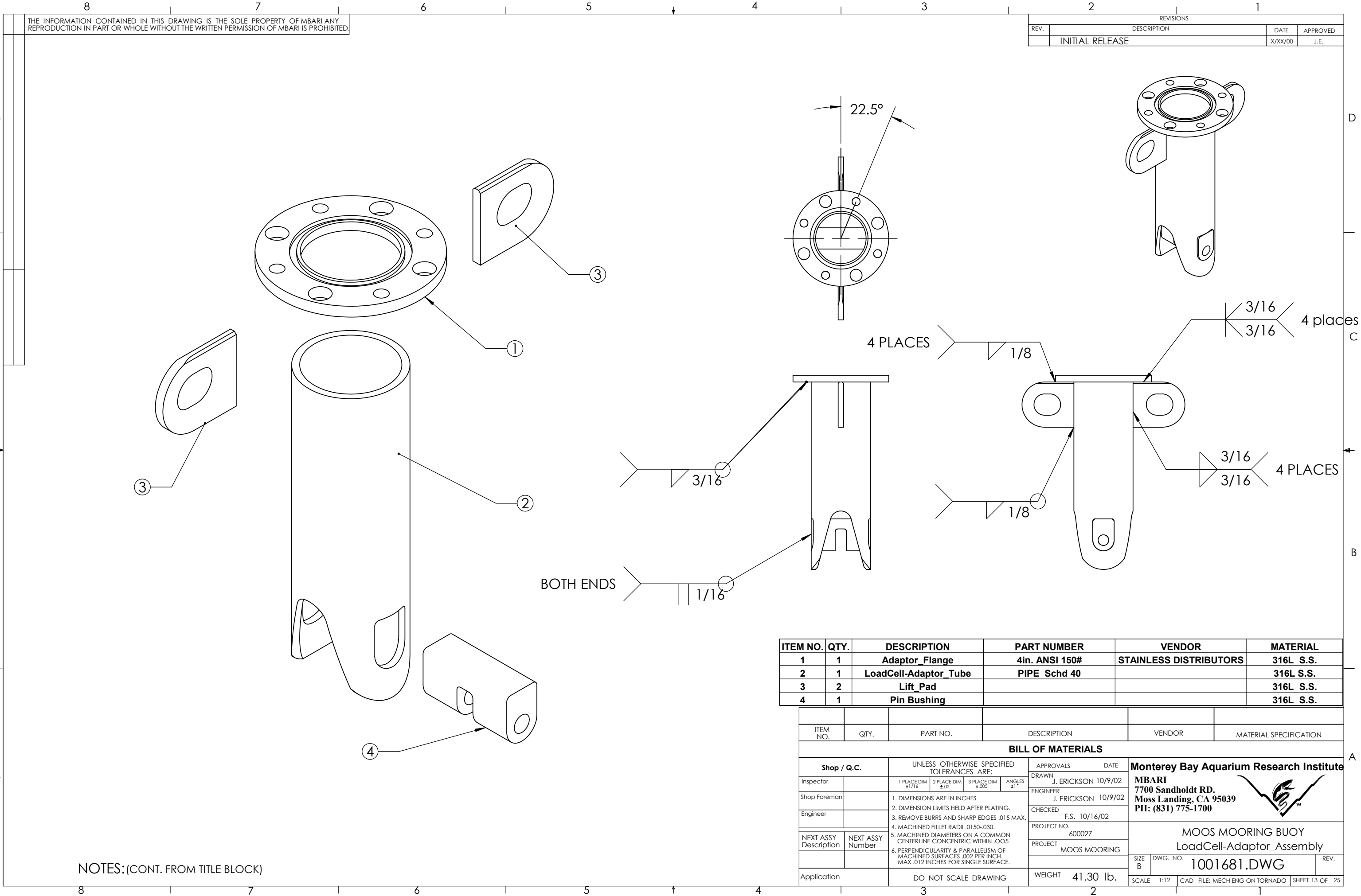




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

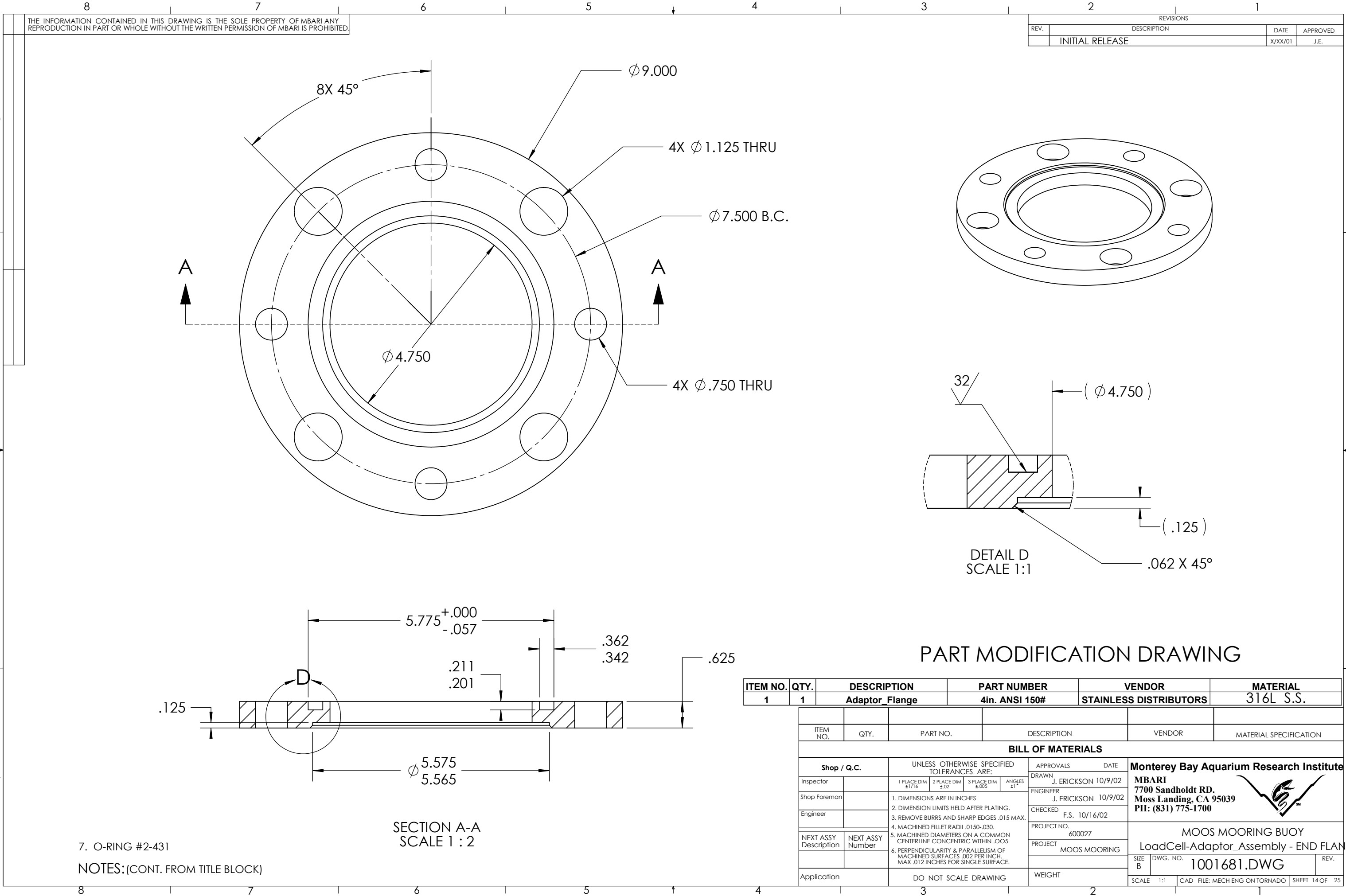
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MOOS MOORING BUOY
LoadCell-Adaptor_Assembly

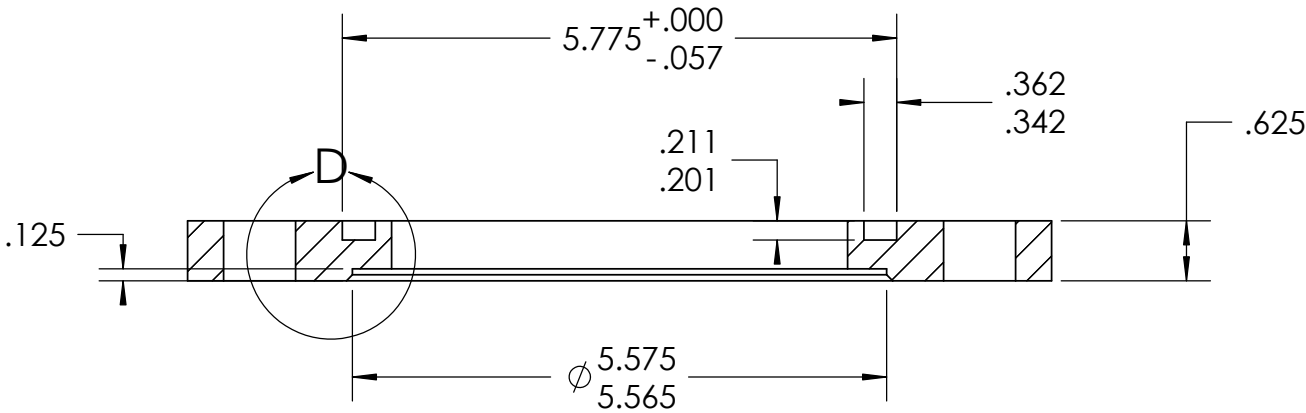
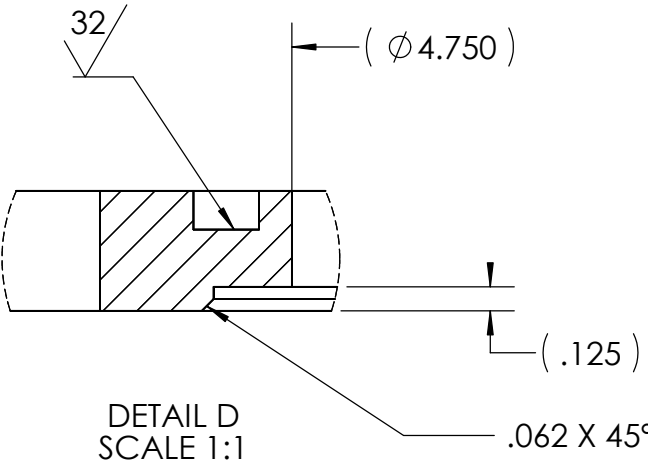
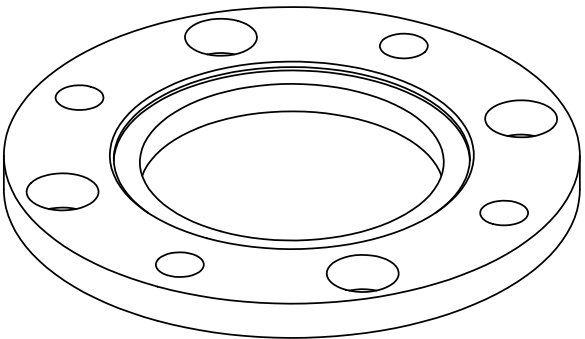
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SCALE 1:12 CAD FILE: MECH ENG ON TORNADO SHEET 13 OF 25



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PART MODIFICATION DRAWING

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	VENDOR	MATERIAL
1	1	Adaptor Flange	4in. ANSI 150#	STAINLESS DISTRIBUTORS	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 $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 10/9/02	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 10/9/02	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED F.S. 10/16/02	
		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.		WEIGHT	
Application		DO NOT SCALE DRAWING		SCALE 1:1	

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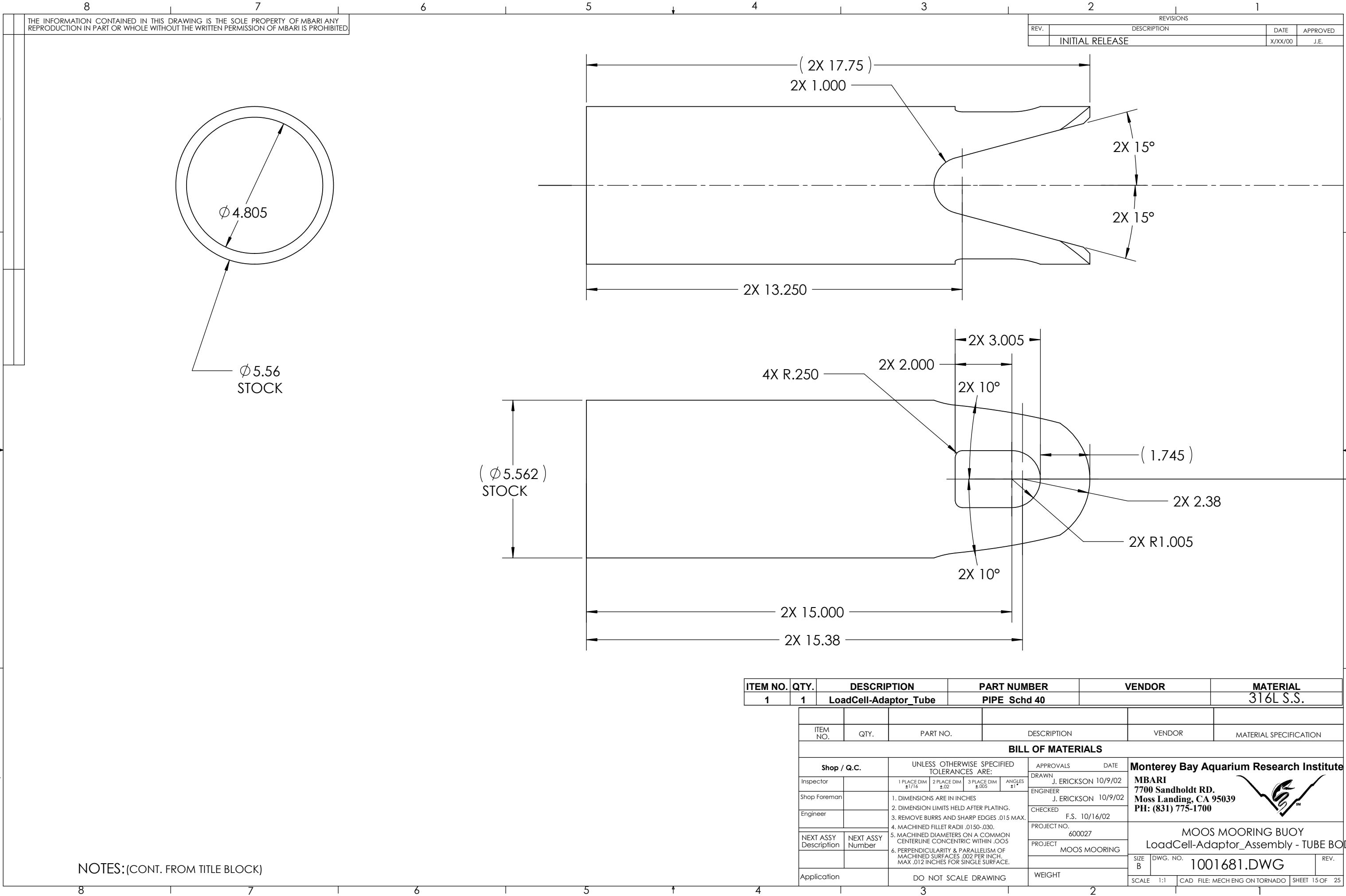
MOOS MOORING BUOY
LoadCell-Adaptor_Assembly - END FLANGE

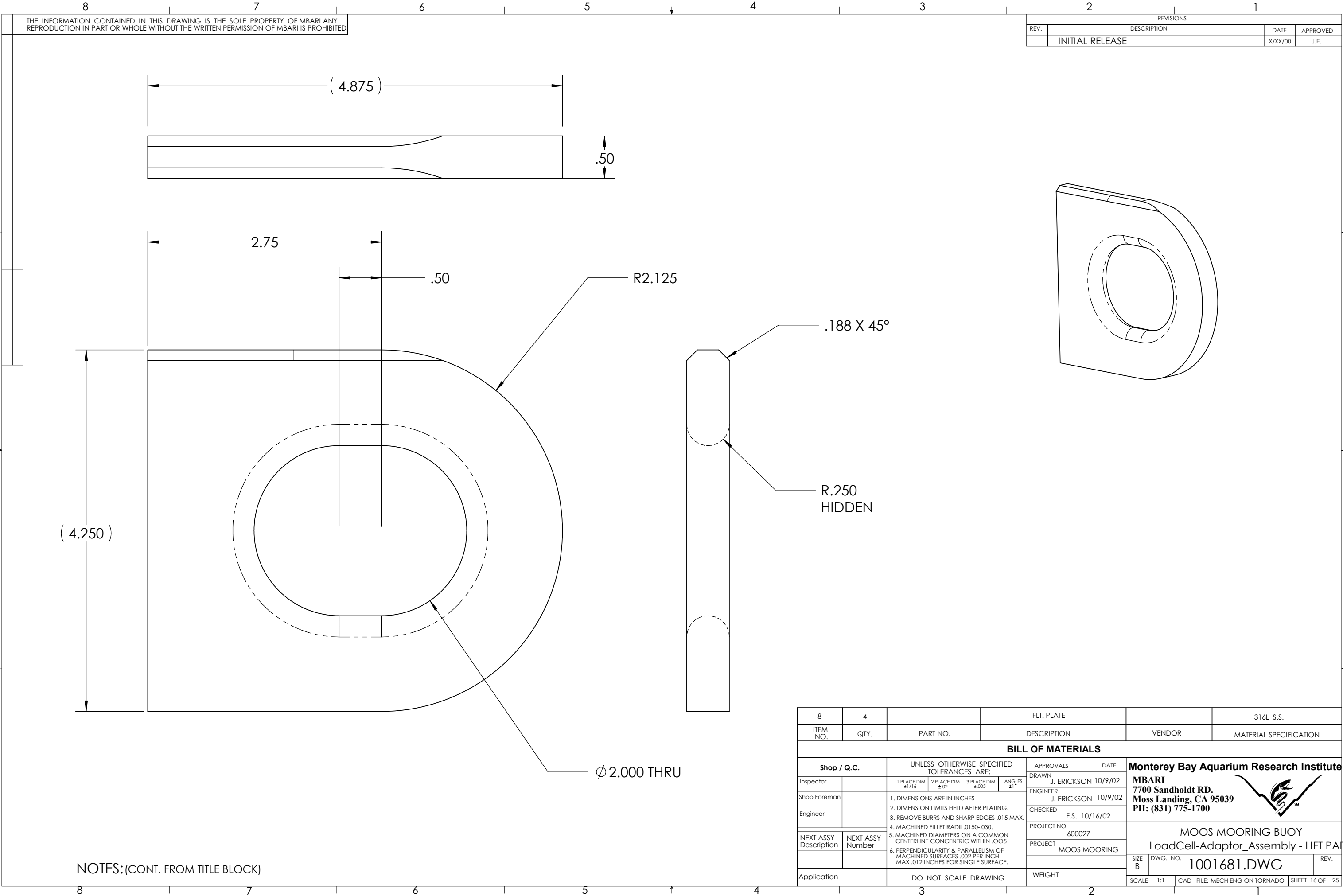
SIZE B DWG. NO. 1001681.DWG REV.

CAD FILE: MECH ENG ON TORNADO SHEET 14 OF 25

7. O-RING #2-431

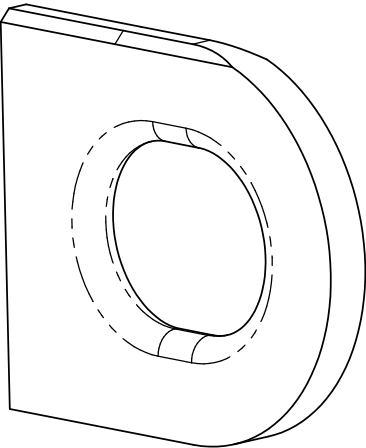
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.

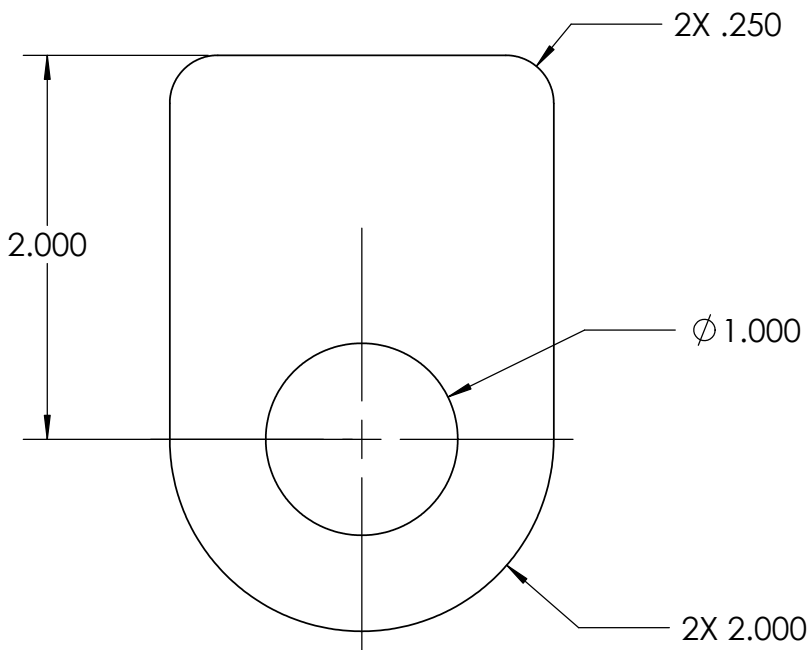
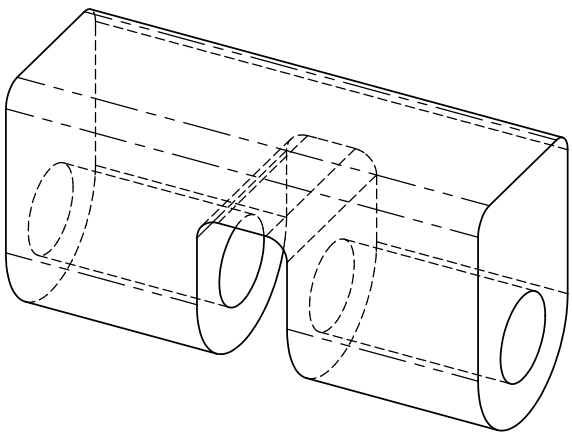


8	4		FLT. PLATE		316L S.S.
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 10/9/02	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 10/9/02	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED F.S. 10/16/02	
		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.			
Application		DO NOT SCALE DRAWING		WEIGHT	
				SIZE B	DWG. NO. 1001681.DWG
				SCALE 1:1	REV.
				CAD FILE: MECH ENG ON TORNADO	SHEET 16 OF 25

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MOOS MOORING BUOY
LoadCell-Adaptor_Assembly - LIFT PAD



ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION

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 ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	J. ERICKSON 10/21/02		
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 10/21/02		
Engineer						CHECKED	F.S. 10/24/02		
						PROJECT NO.	600027		
NEXT ASSY Description	NEXT ASSY Number					PROJECT	MOOS MOORING	MOOS MOORING BUOY LoadCell-Adaptor_Assembly- LOAD PIN	
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B DWG. NO. 1001681.DWG SCALE 1:1	REV. CAD FILE: MECH ENG ON TORNADO SHEET 17 OF 25

NOTES: (CONT. FROM TITLE BLOCK)