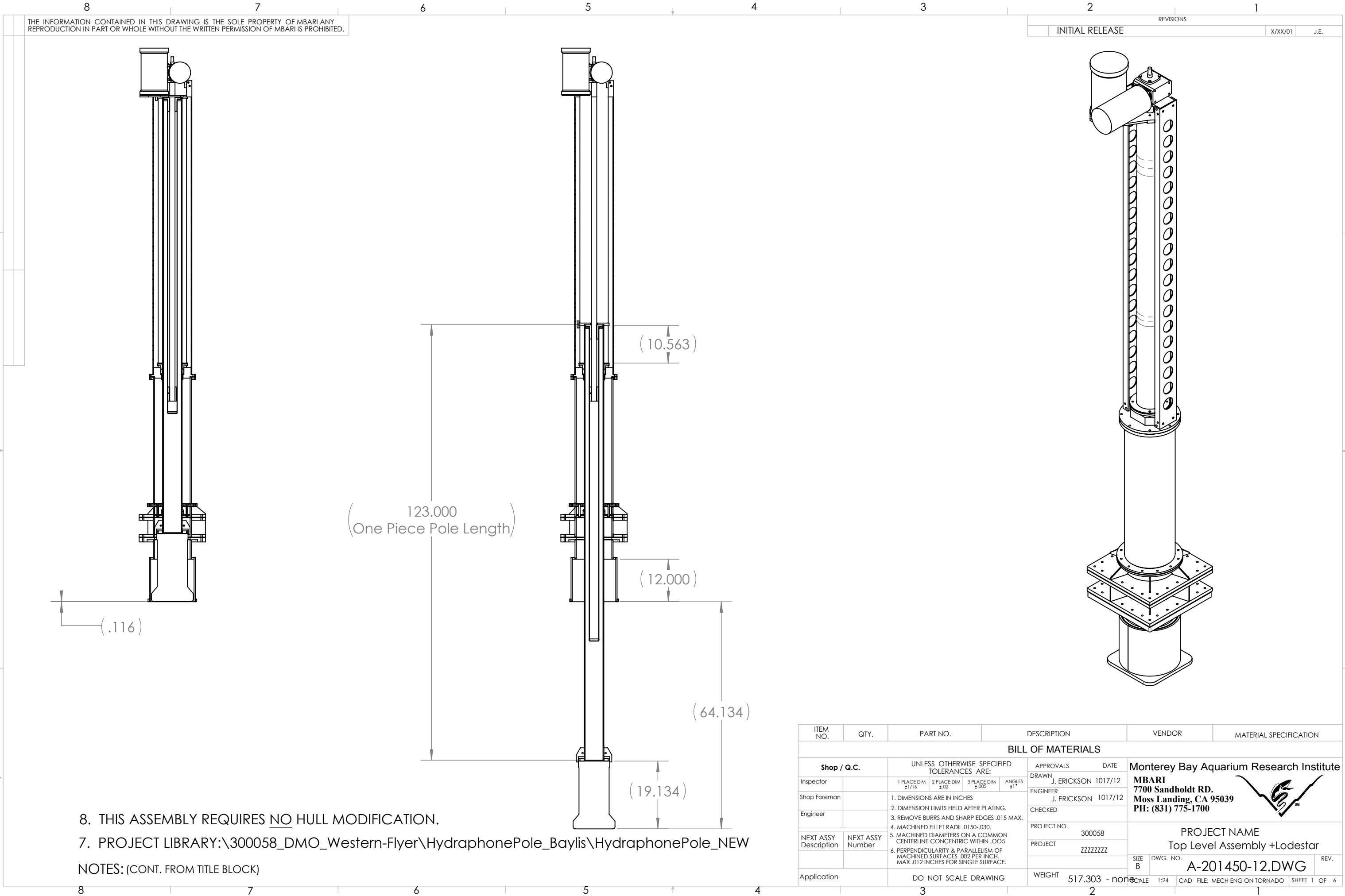


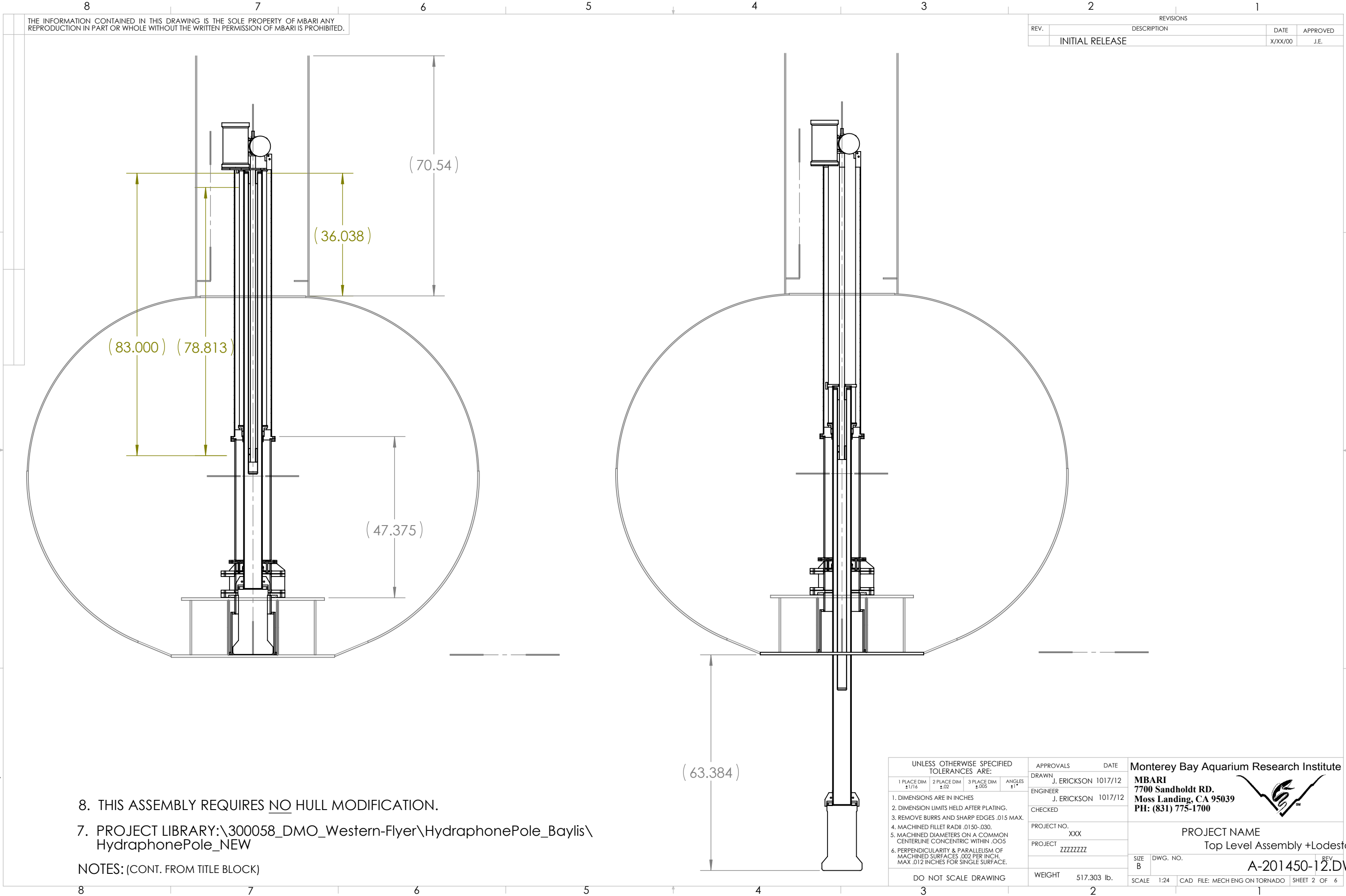


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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

8. THIS ASSEMBLY REQUIRES NO HULL MODIFICATION.
7. PROJECT LIBRARY:\300058_DMO_Western-Flyer\HydraphonePole_Baylis\HydraphonePole_NEW
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		DRAWN J. ERICKSON 1017/12	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 1017/12	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 300058	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 517.303 - none	
Application		DO NOT SCALE DRAWING		SCALE 1:24	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 1 OF 6	
				PROJECT NAME	
				Top Level Assembly +Lodestar	
				A-201450-12.DWG	
				REV.	
				Monterey Bay Aquarium Research Institute	
				MBARI	
				7700 Sandholdt RD.	
				Moss Landing, CA 95039	
				PH: (831) 775-1700	
					



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

8. THIS ASSEMBLY REQUIRES NO HULL MODIFICATION.

7. PROJECT LIBRARY:\300058_DMO_Western-Flyer\HydraphonePole_Baylis\HydraphonePole_NEW

NOTES: (CONT. FROM TITLE BLOCK)

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:

1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
----------------------	---------------------	----------------------	---------------

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.

DO NOT SCALE DRAWING

APPROVALS

DRAWN J. ERICKSON 1017/12

ENGINEER J. ERICKSON 1017/12

CHECKED

PROJECT NO. XXX

PROJECT ZZZZZZZZ

WEIGHT 517.303 lb.

DATE 1017/12

PROJECT NAME
Top Level Assembly +Lodestar

SIZE B

DWG. NO. A-201450-12.DWG

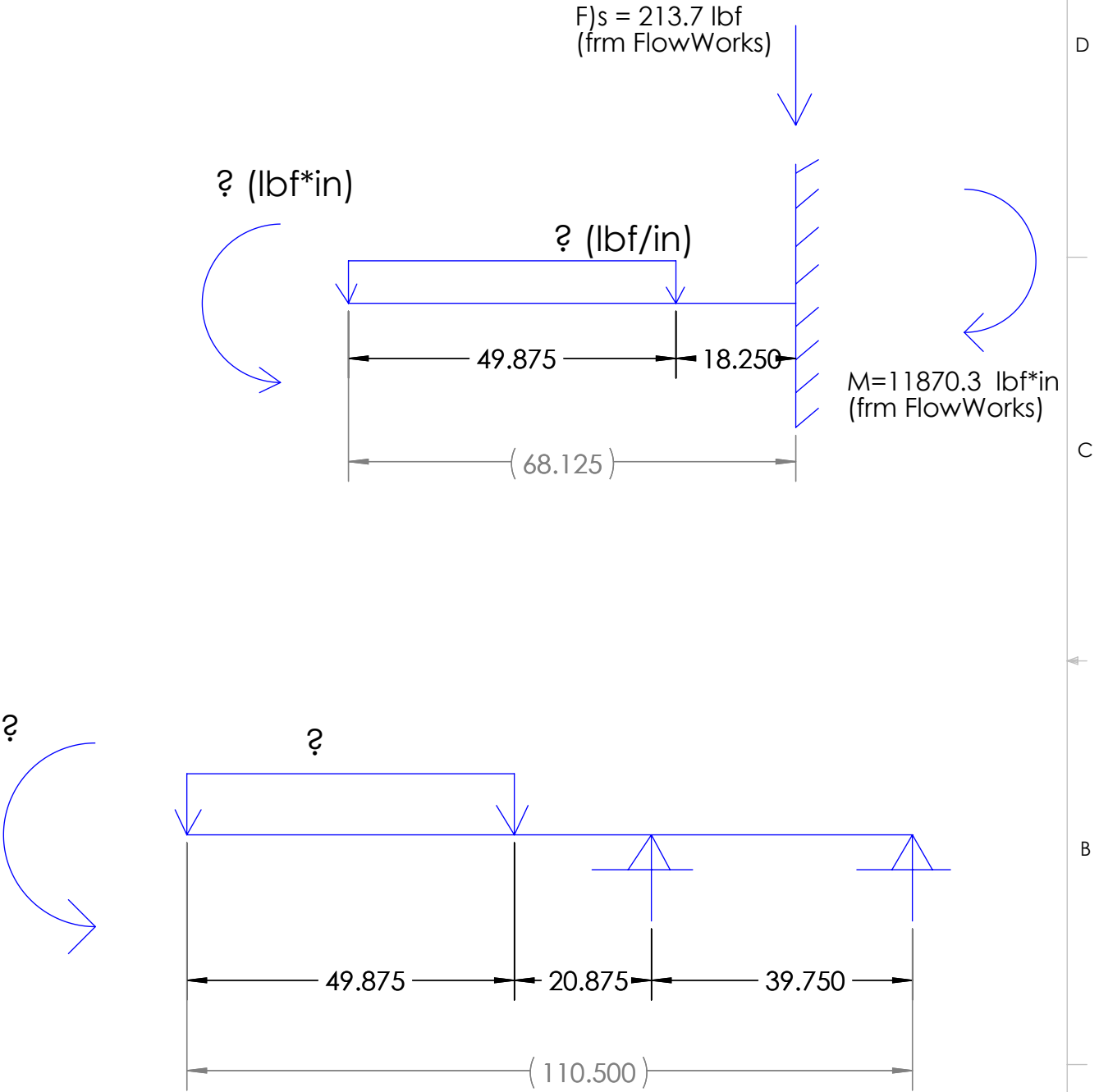
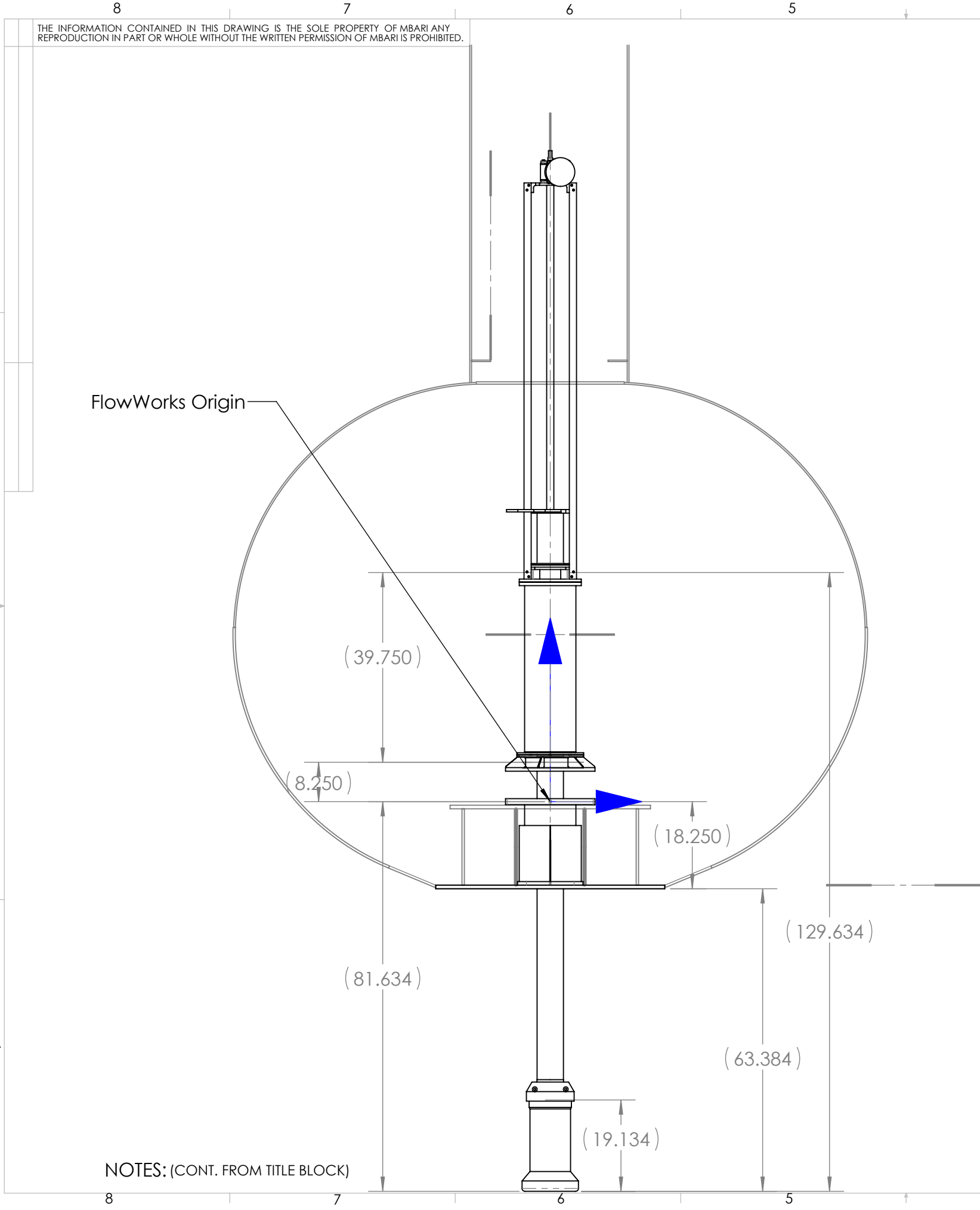
SCALE 1:24

CAD FILE: MECH ENG ON TORNADO

SHEET 2 OF 6

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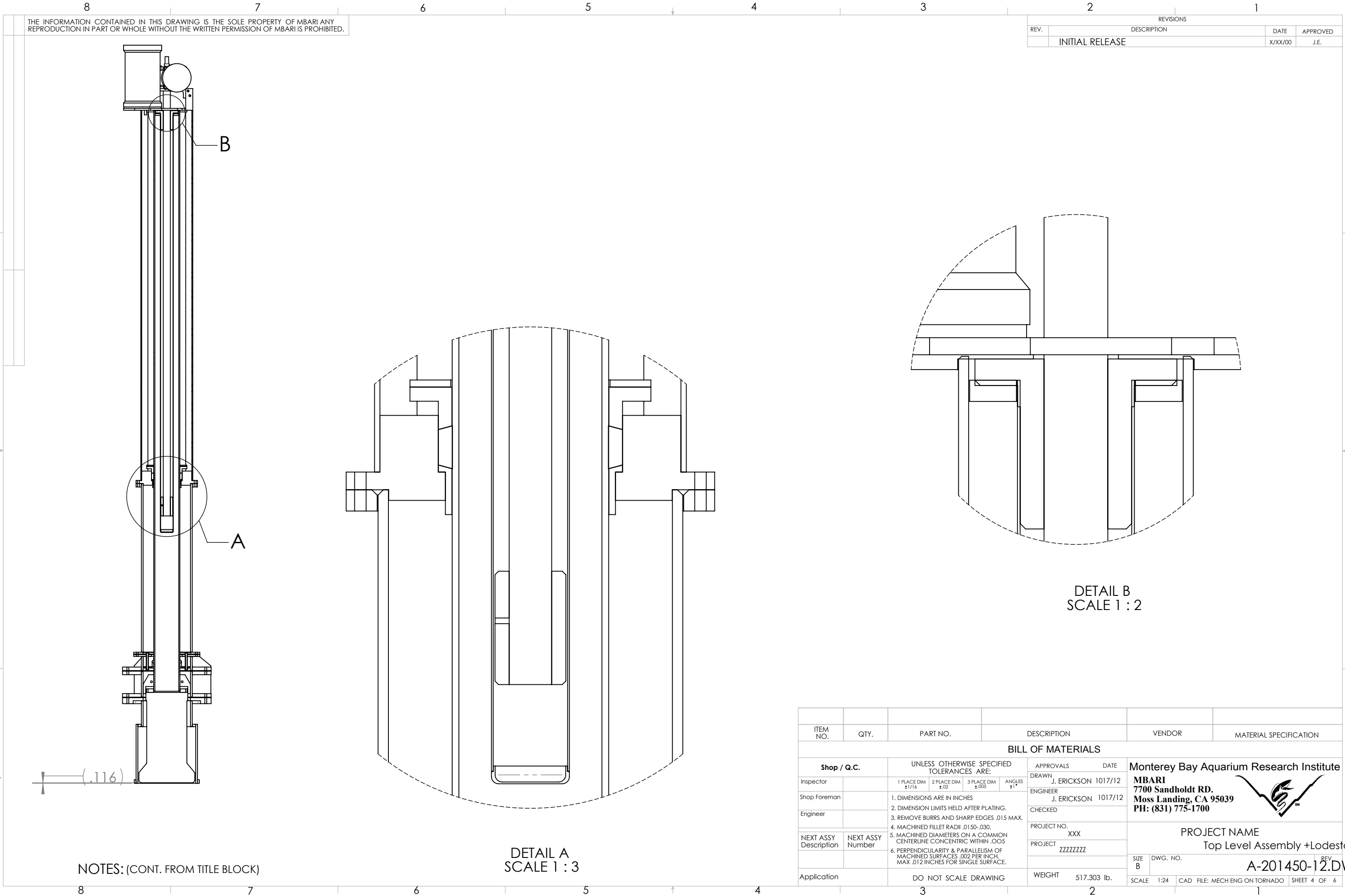


ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 1017/12	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 1017/12	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. XXX	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 517.303 lb.	
Application		DO NOT SCALE DRAWING		SIZE B DWG. NO. A-201450-12.DWG	
				SCALE 1:24	CAD FILE: MECH ENG ON TORNADO SHEET 3 OF 6

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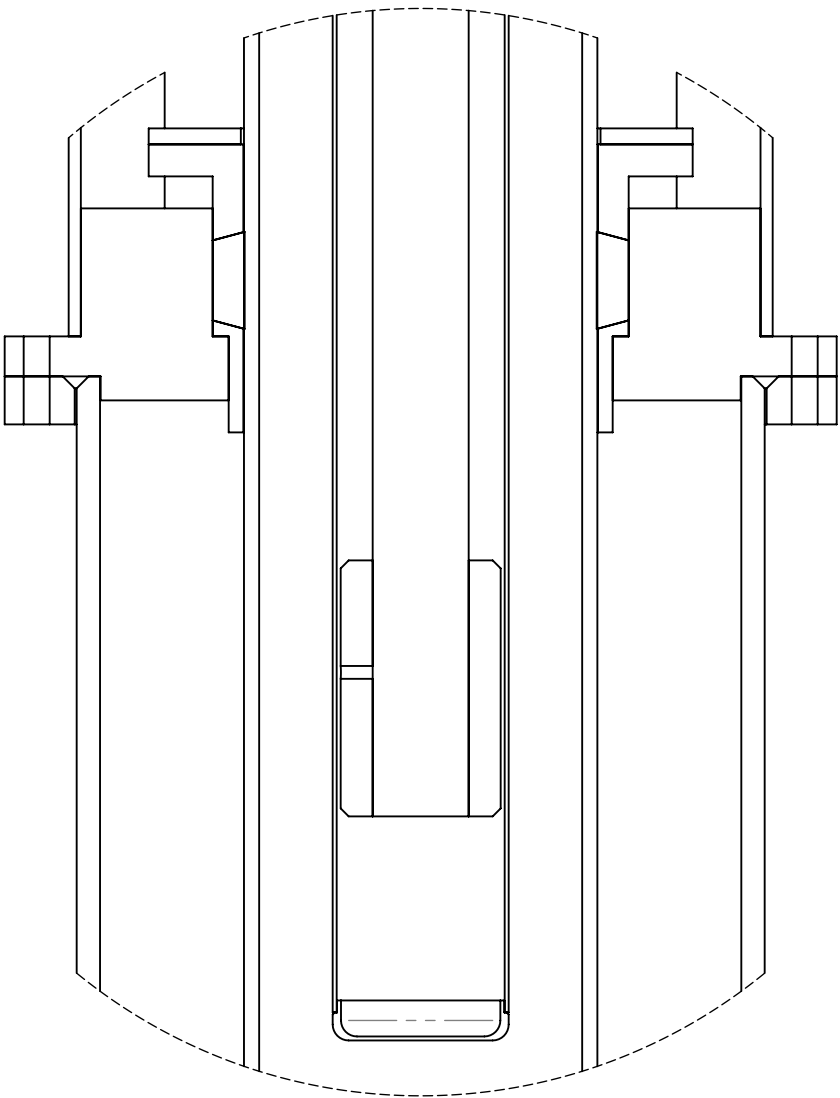


PROJECT NAME
Top Level Assembly +Lodestar

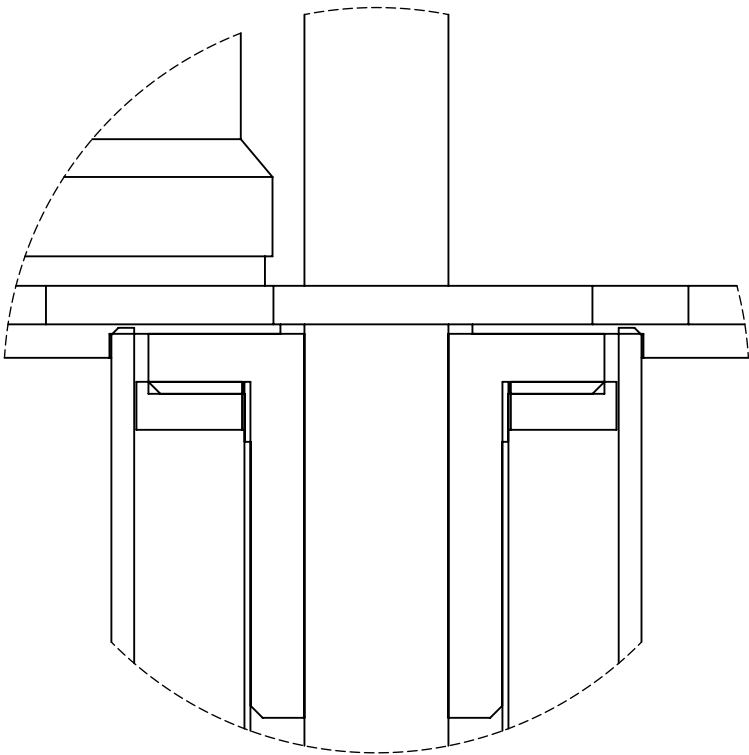


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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



DETAIL A
SCALE 1 : 3



DETAIL B
SCALE 1 : 2

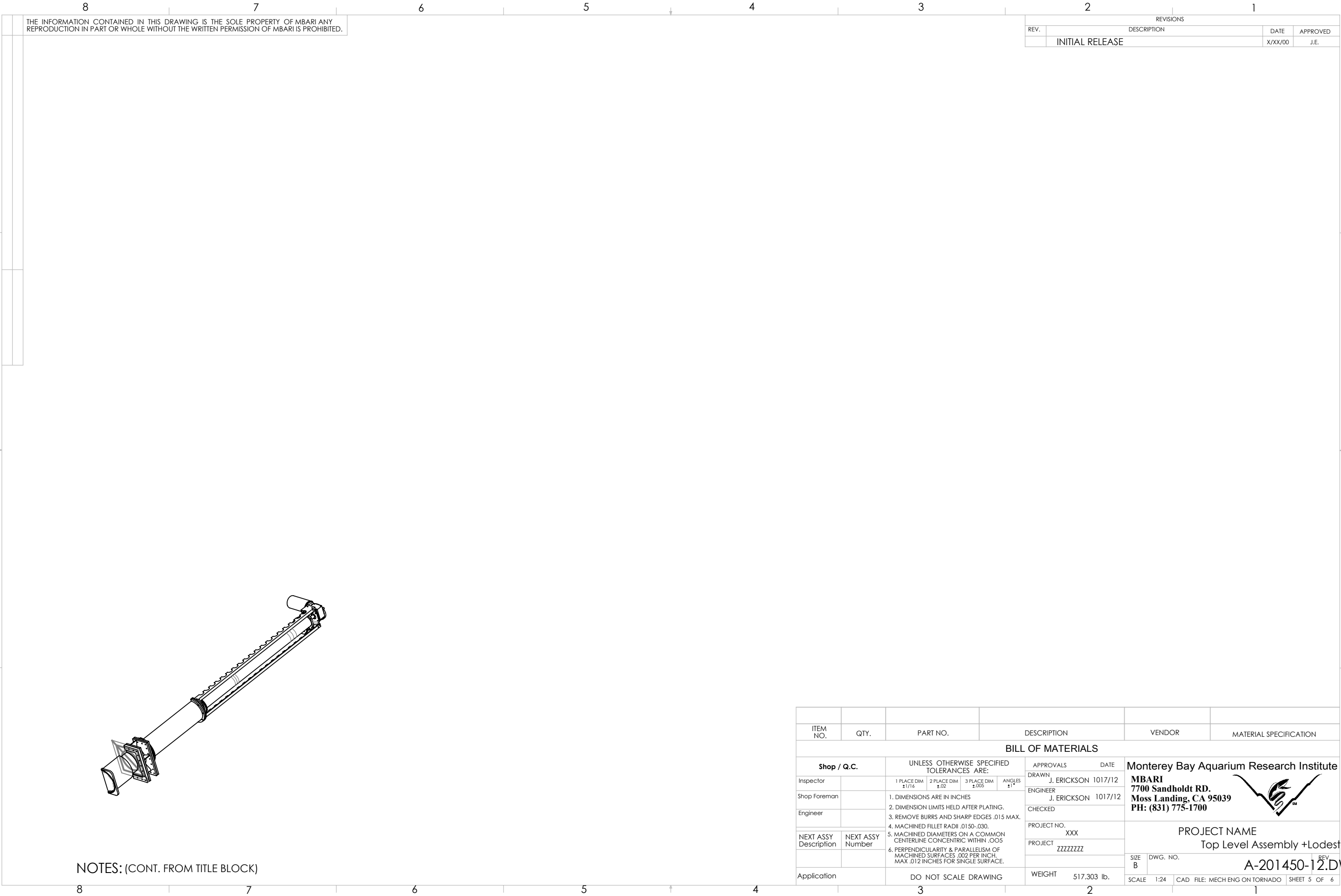
NOTES: (CONT. FROM TITLE BLOCK)

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		DRAWN J. ERICKSON 1017/12	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 1017/12	
NEXT ASSY Description		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
NEXT ASSY Number		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. XXX	
Application		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT ZZZZZZZZ	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT 517.303 lb.	
		DO NOT SCALE DRAWING		SIZE B DWG. NO. A-201450-12.DWG	
				SCALE 1:24 CAD FILE: MECH ENG ON TORNADO SHEET 4 OF 6	

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PROJECT NAME
Top Level Assembly +Lodestar



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

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			
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			
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	517.303 lb.
				APPROVALS	DATE
				DRAWN	J. ERICKSON 1017/12
				ENGINEER	J. ERICKSON 1017/12
				CHECKED	
				PROJECT NO.	XXX
				PROJECT	ZZZZZZZZ
				PROJECT NAME	Top Level Assembly +Lodestar
				SIZE B	DWG. NO. A-201450-12.DWG
				SCALE 1:24	CAD FILE: MECH ENG ON TORNADO SHEET 5 OF 6

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PROJECT NAME
Top Level Assembly +Lodestar

