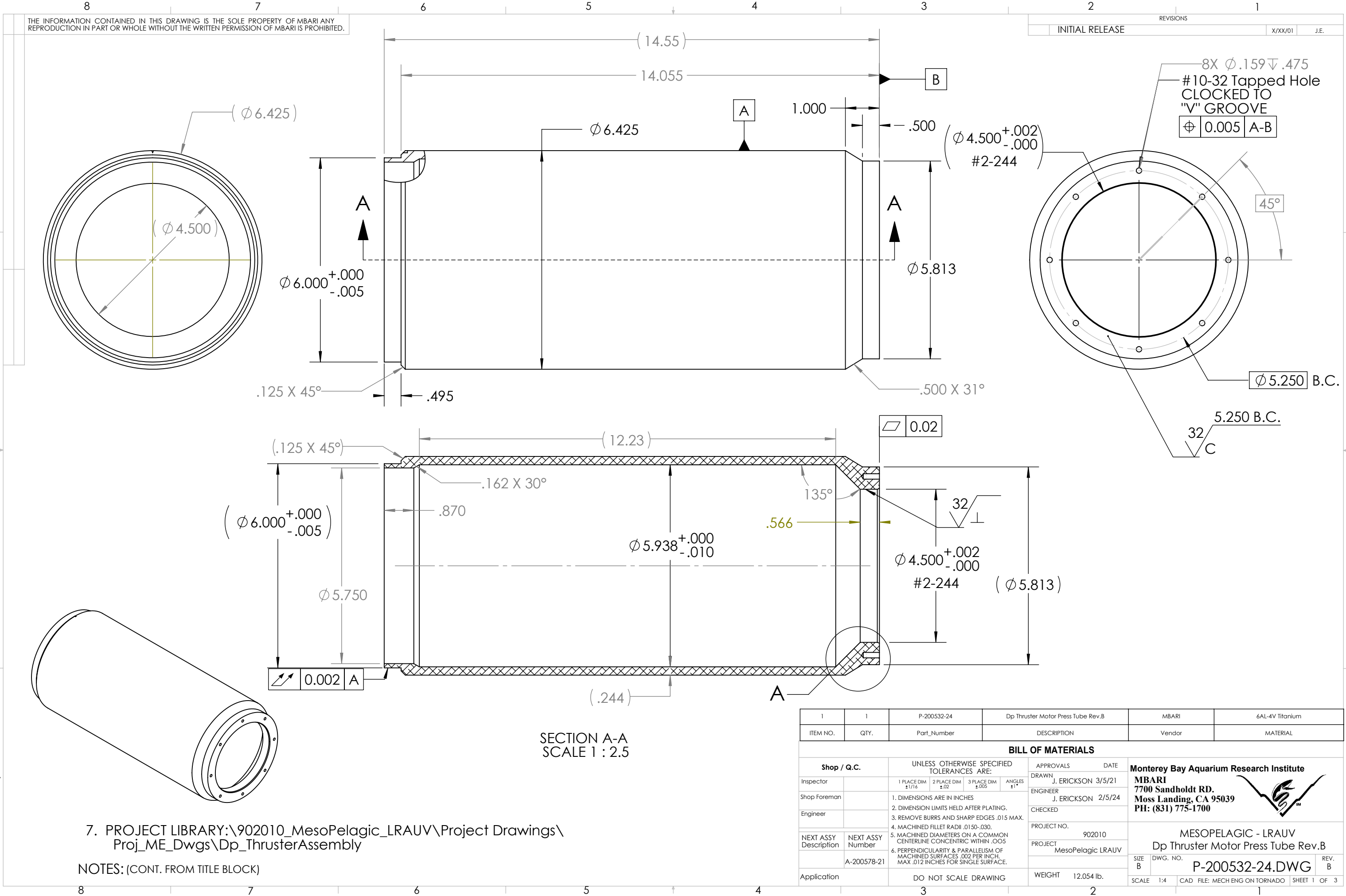




THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

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

SECTION A-A
SCALE 1 : 2.5

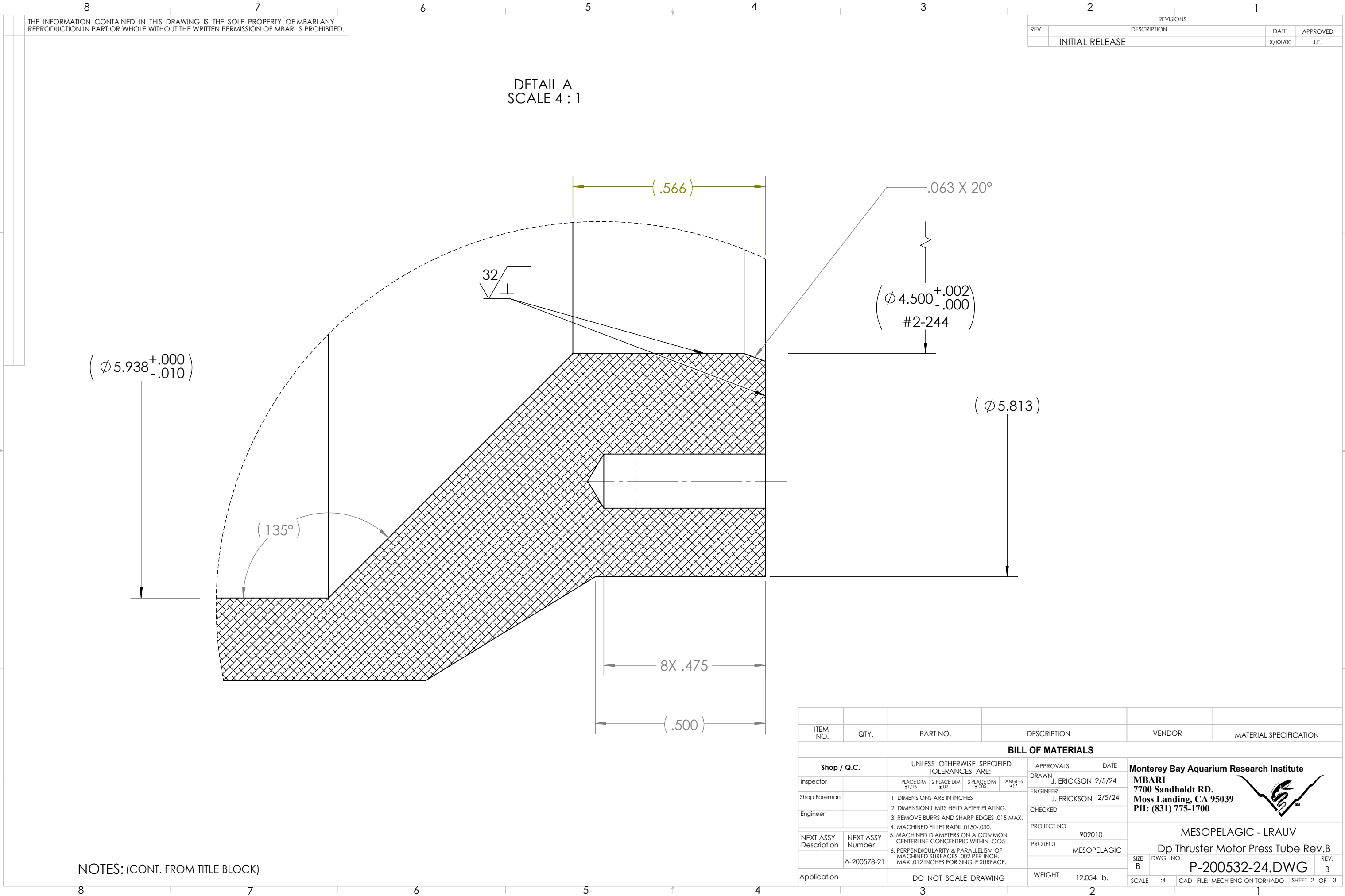
7. PROJECT LIBRARY:\902010_MesoPelagic_LRAUV\Project Drawings\
Proj_ME_Dwgs\Dp_ThrusterAssembly

NOTES: (CONT. FROM TITLE BLOCK)

1	1	P-200532-24	Dp Thruster Motor Press Tube Rev.B	MBARI	6AL-4V Titanium
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		DRAWN	J. ERICKSON 3/5/21
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER	J. ERICKSON 2/5/24
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO.	902010
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT	MesoPelagic LRAUV
	A-200578-21	6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.			
Application		DO NOT SCALE DRAWING		WEIGHT	12.054 lb.
				SIZE B	DWG. NO. P-200532-24.DWG
				SCALE 1:4	REV. B
				CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 3

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

MESOPELAGIC - LRAUV
Dp Thruster Motor Press Tube Rev.B
P-200532-24.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.

DETAIL A
SCALE 4 : 1

(ϕ 5.938 $^{+.000}_{-.010}$)

(135°)

32

(.566)

.063 X 20°

(ϕ 4.500 $^{+.002}_{-.000}$)
#2-244

(ϕ 5.813)

8X .475

(.500)

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 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 2/5/24
Engineer				ENGINEER	J. ERICKSON 2/5/24
				CHECKED	
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO.	902010
	A-200578-21			PROJECT	MESOPELAGIC
Application		DO NOT SCALE DRAWING		WEIGHT	12.054 lb.
				SIZE B	DWG. NO.
				P-200532-24.DWG	
				SCALE 1:4	CAD FILE: MECH ENG ON TORNADO
				SHEET 2	OF 3

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



MESOPELAGIC - LRAUV
Dp Thruster Motor Press Tube Rev.B
P-200532-24.DWG

