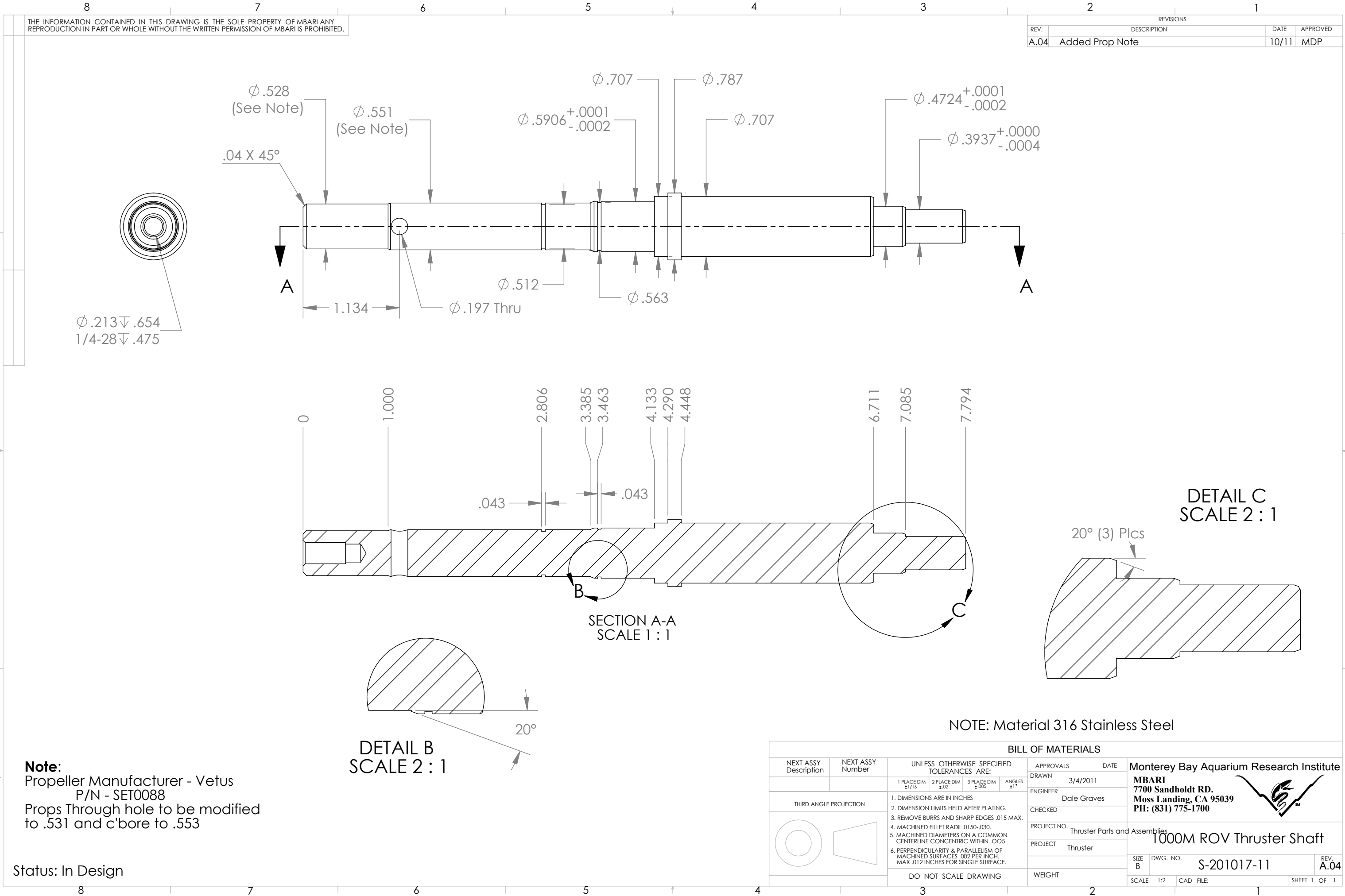




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A.04	Added Prop Note	10/11	MDP

$\phi .213 \nabla .654$
 $1/4-28 \nabla .475$

$\phi .528$
(See Note)

$\phi .551$
(See Note)

$\phi .5906^{+.0001}_{-.0002}$

$\phi .707$

$\phi .787$

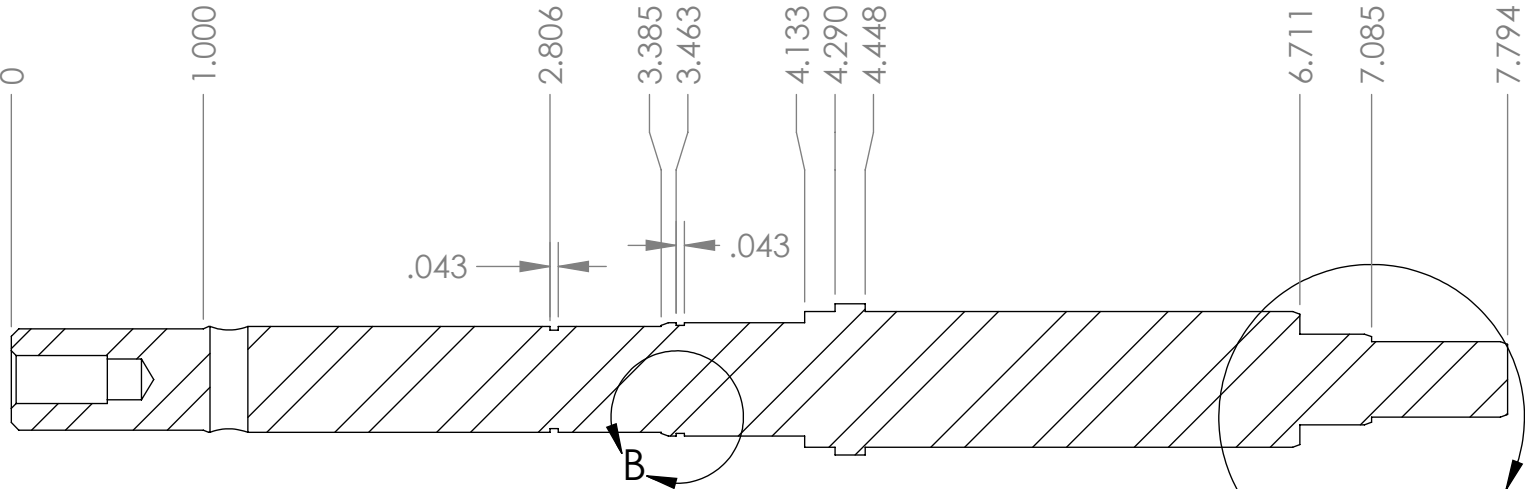
$\phi .707$

$\phi .4724^{+.0001}_{-.0002}$

$\phi .3937^{+.0000}_{-.0004}$

A

A



SECTION A-A
SCALE 1 : 1

DETAIL C
SCALE 2 : 1

20° (3) Plcs

DETAIL B
SCALE 2 : 1

20°

NOTE: Material 316 Stainless Steel

Note:
Propeller Manufacturer - Vetus
P/N - SET0088
Props Through hole to be modified
to .531 and c'bore to .553

Status: In Design

BILL OF MATERIALS									
NEXT ASSY Description	NEXT ASSY Number	UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700	
		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$	3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	DRAWN	3/4/2011		
						ENGINEER	Dale Graves		
						CHECKED			
THIRD ANGLE PROJECTION		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.				PROJECT NO.	Thruster Parts and Assemblies	1000M ROV Thruster Shaft	
						PROJECT	Thruster		
						WEIGHT			
		DO NOT SCALE DRAWING				SCALE	1:2	CAD FILE:	SHEET 1 OF 1