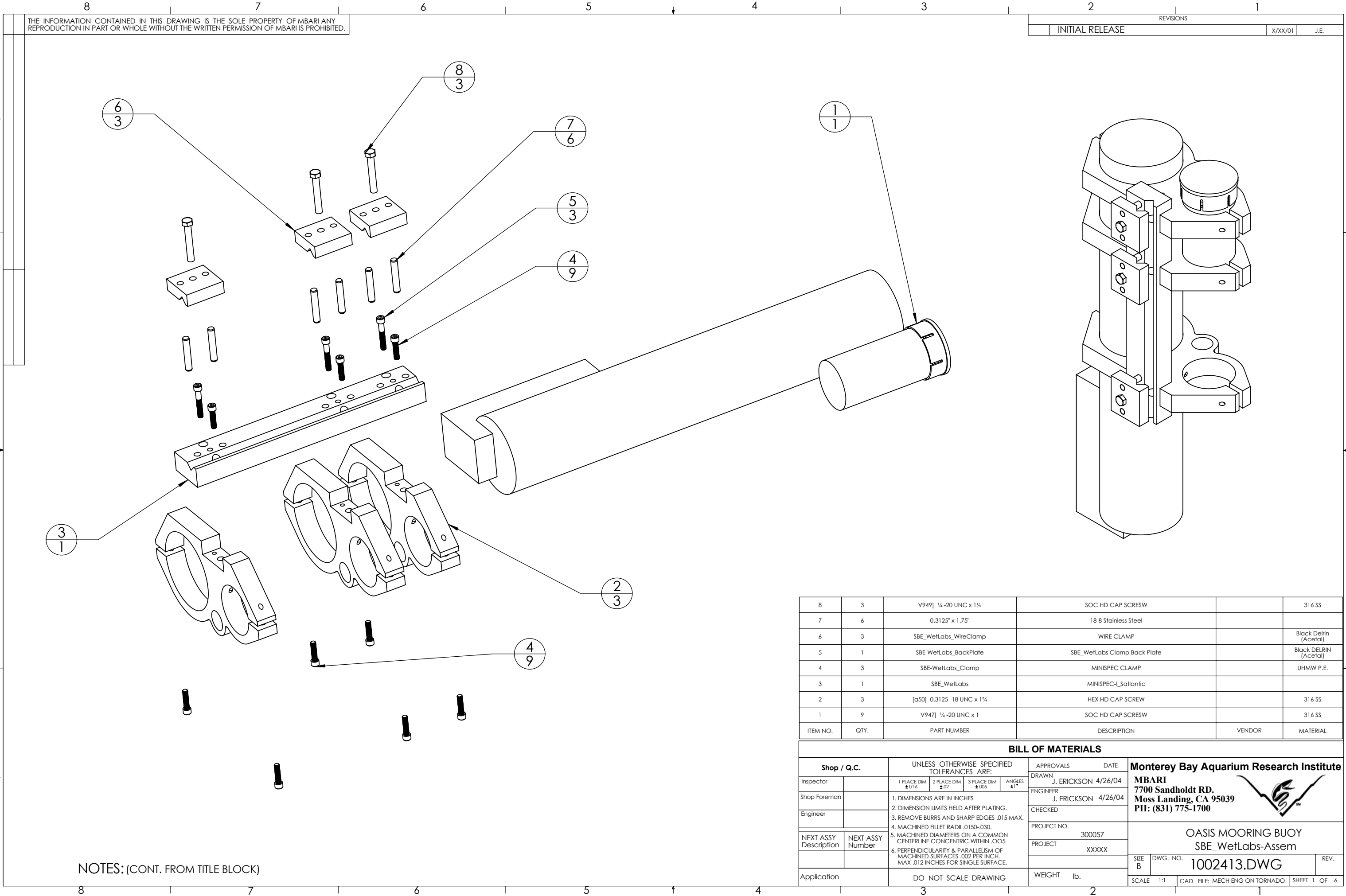




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REVISIONS		
INITIAL RELEASE	X/XX/01	J.E.

8	3	V949] 1/4"-20 UNC x 1 1/2"	SOC HD CAP SCRESW		316 SS
7	6	0.3125" x 1.75"	18-8 Stainless Steel		
6	3	SBE_WetLabs_WireClamp	WIRE CLAMP		Black Delrin (Acetal)
5	1	SBE-WetLabs_BackPlate	SBE_WetLabs Clamp Back Plate		Black DELRIN (Acetal)
4	3	SBE-WetLabs_Clamp	MINISPEC CLAMP		UHMW P.E.
3	1	SBE_WetLabs	MINISPEC-L-SatIantic		
2	3	[a50] 0.3125 -18 UNC x 1 1/4"	HEX HD CAP SCREW		316 SS
1	9	V947] 1/4"-20 UNC x 1"	SOC HD CAP SCRESW		316 SS
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	VENDOR	MATERIAL

NOTES: (CONT. FROM TITLE BLOCK)

BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS	DATE
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	DRAWN	J. ERICKSON 4/26/04
Shop Foreman		1. DIMENSIONS ARE IN INCHES	3 PLACE DIM ±.005	ENGINEER	J. ERICKSON 4/26/04
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.	ANGLES ±1°	CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT NO.	300057
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		PROJECT	XXXXXX
		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	lb.

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Moss Landing, CA 95039

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OASIS MOORING BUOY

SBE_WetLabs-Assem

SIZE B

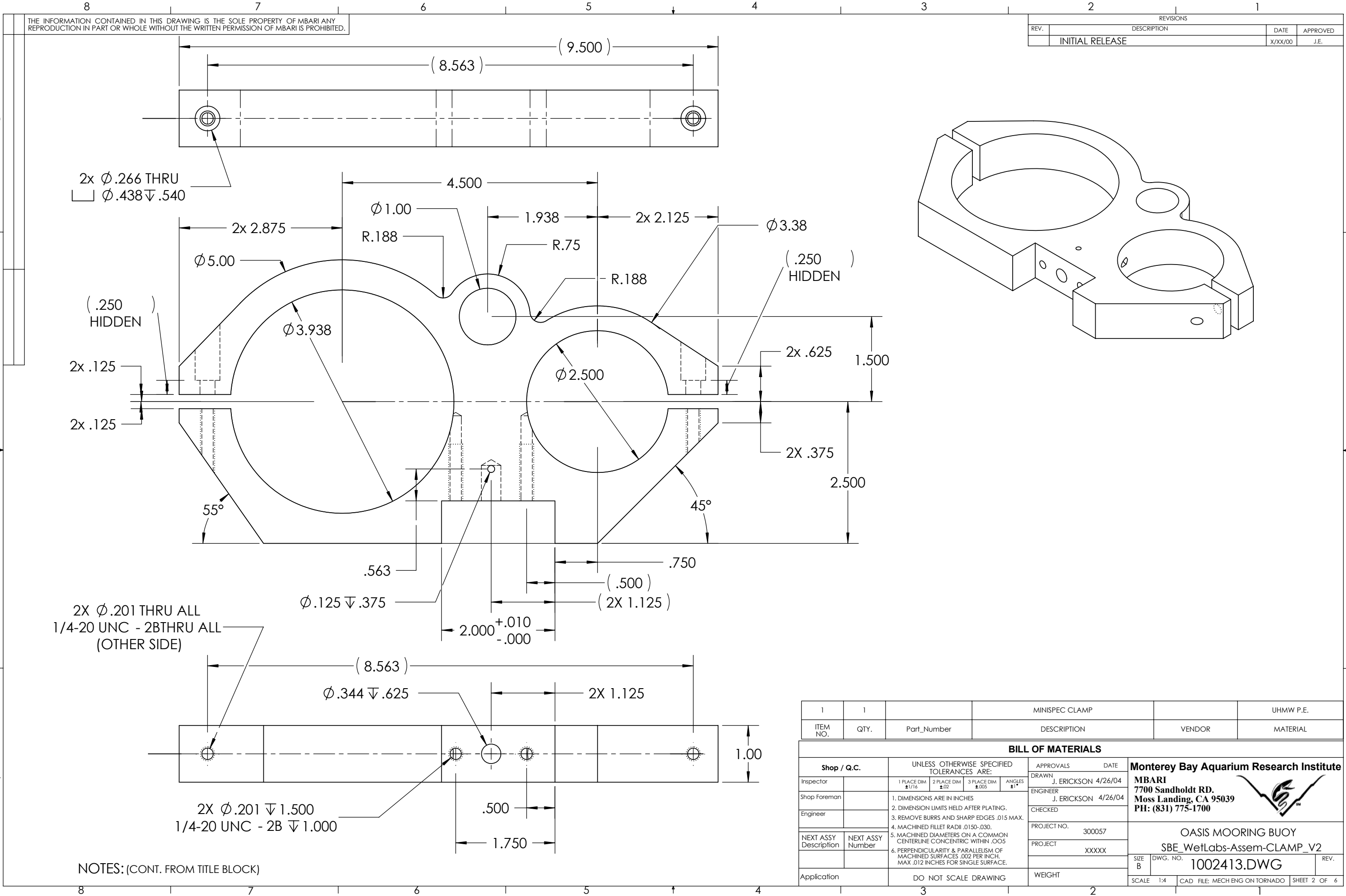
DWG. NO. 1002413.DWG

REV.

SCALE 1:1

CAD FILE: MECH ENG ON TORNADO

SHEET 1 OF 6



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

2x Ø.266 THRU
Ø.438▽.540

2X Ø.201 THRU ALL
1/4-20 UNC - 2BTHRU ALL
(OTHER SIDE)

2X Ø.201 ▽1.500
1/4-20 UNC - 2B ▽1.000

NOTES: (CONT. FROM TITLE BLOCK)

1	1		MINISPEC CLAMP		UHMW P.E.
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	DRAWN	J. ERICKSON 4/26/04
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER	J. ERICKSON 4/26/04
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.			
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. 300057			
		PROJECT XXXXX			
Application	DO NOT SCALE DRAWING	WEIGHT			
		SCALE 1:4	CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 6	

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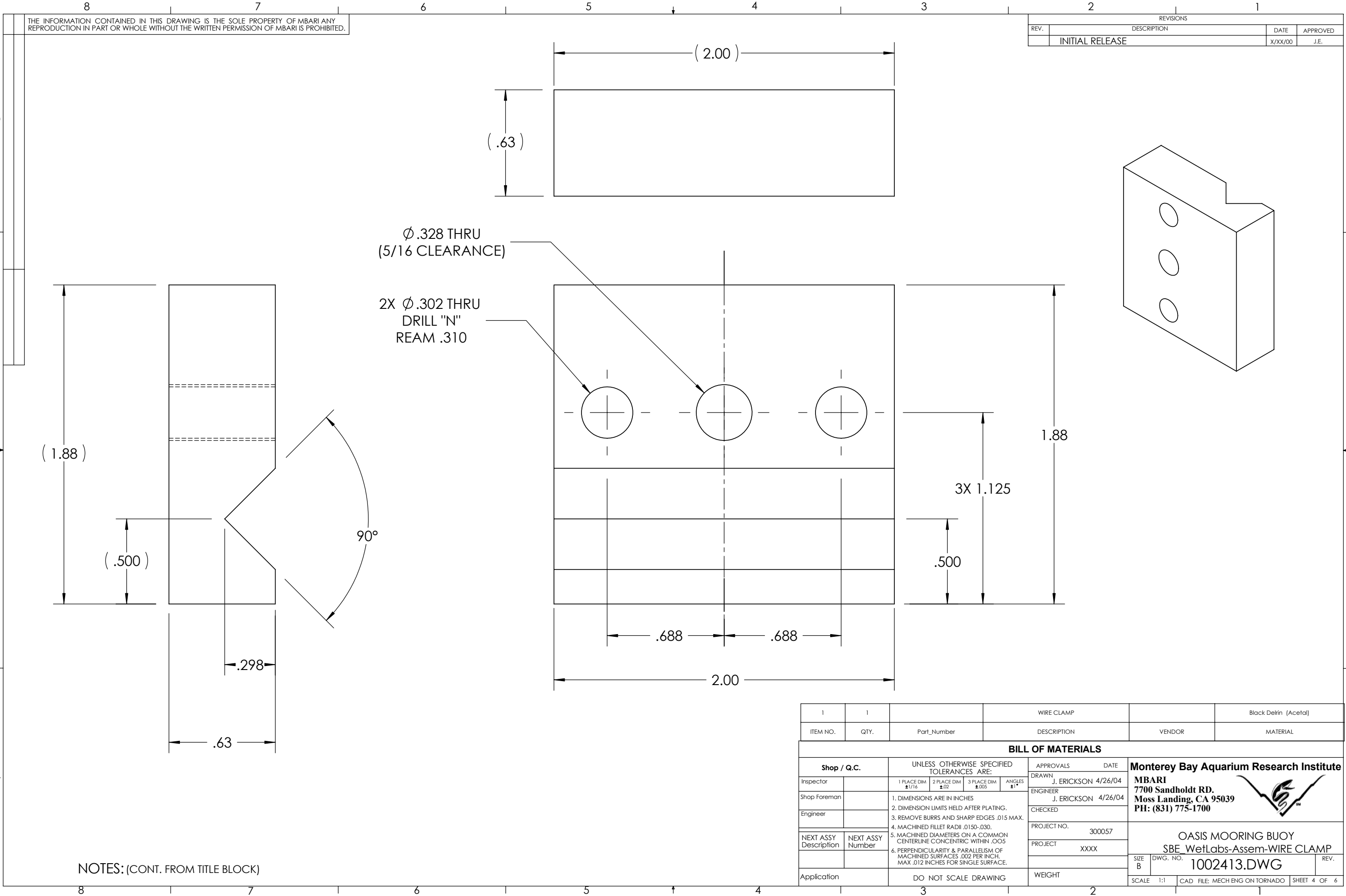


OASIS MOORING BUOY
SBE WetLabs-Assem-CLAMP_V2

SIZE B DWG. NO. 1002413.DWG REV.

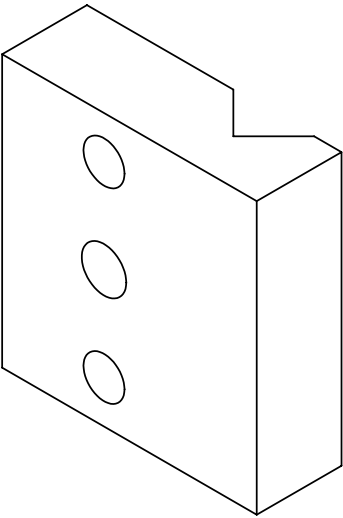


	1		SBE_WetLabs Clamp Back Plate			Black DELRIN (Acetal)	
ITEM NO.	QTY.	Part_Number		DESCRIPTION		VENDOR	MATERIAL
BILL OF MATERIALS							
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 
Inspector		1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DATE J. ERICKSON 4/26/04	
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 4/26/04		
Engineer					CHECKED		
NEXT ASSY Description	NEXT ASSY Number				PROJECT NO.	300057	
		PROJECT	XXXXX	OASIS MOORING BUOY			
Application		DO NOT SCALE DRAWING			SBE_WetLabs-Assem-CLAMP BACK PLATE		
					SIZE B	DWG. NO. 1002413.DWG	REV.
					SCALE 1:1	CAD FILE: MECH ENG ON TORNADO	SHEET 3 OF 6



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



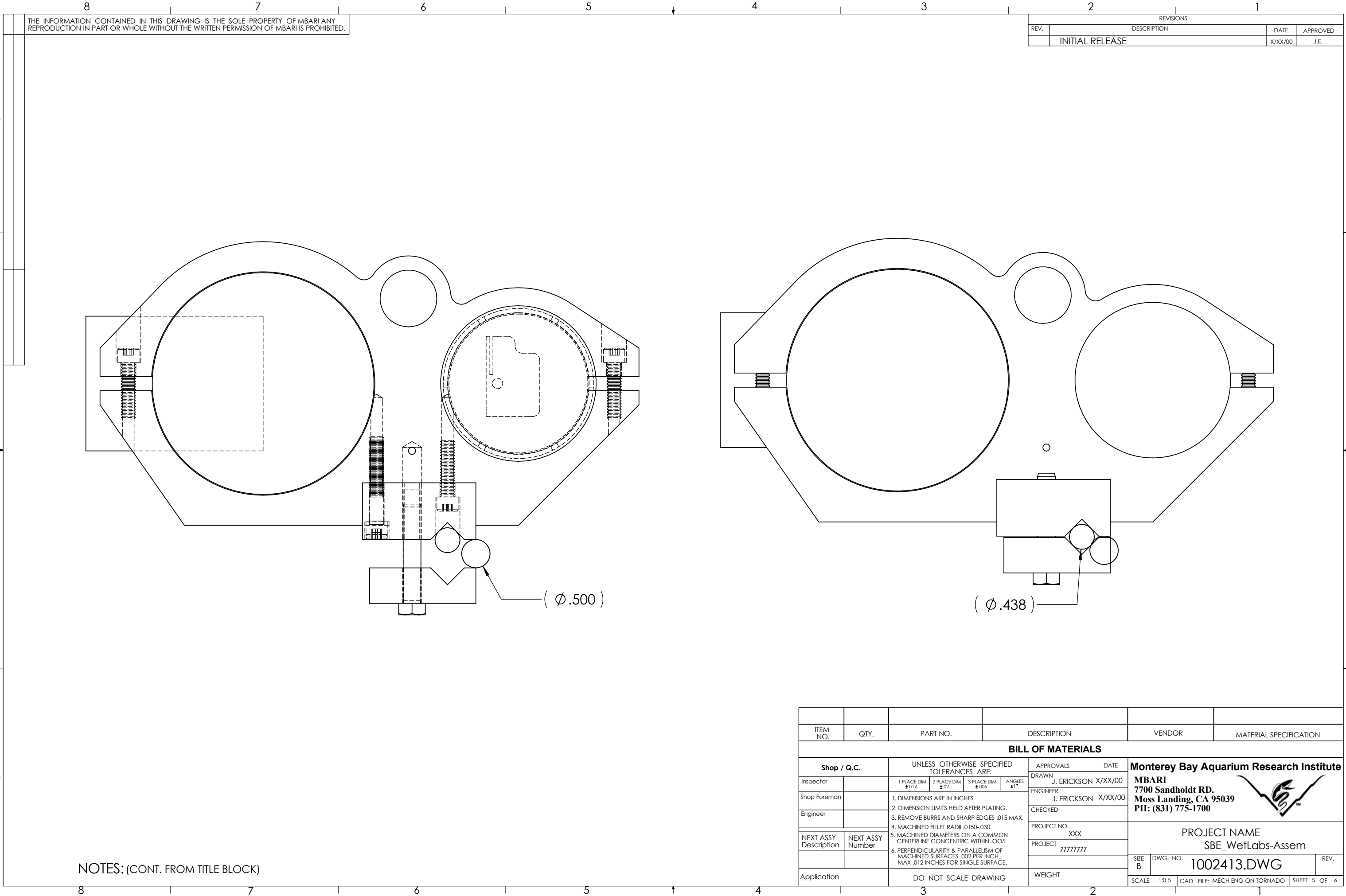
NOTES: (CONT. FROM TITLE BLOCK)

1	1		WIRE CLAMP		Black Delrin (Acetal)
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 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 4/26/04	
Engineer				ENGINEER J. ERICKSON 4/26/04	
NEXT ASSY Description	NEXT ASSY Number			CHECKED	
				PROJECT NO. 300057	
Application		DO NOT SCALE DRAWING		PROJECT XXXX	
				WEIGHT	
				SCALE 1:1	CAD FILE: MECH ENG ON TORNADO SHEET 4 OF 6

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OASIS MOORING BUOY
SBE WetLabs-Assem-WIRE CLAMP
DWG. NO. 1002413.DWG
REV.



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

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 $\pm 1/16$	2 PLACE DIM $\pm .02$	DRAWN	J. ERICKSON X/XX/00
Shop Foreman		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$	ENGINEER	J. ERICKSON X/XX/00
Engineer		1. DIMENSIONS ARE IN INCHES		CHECKED	
		2. DIMENSION LIMITS HELD AFTER PLATING.		PROJECT NO.	XXX
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT	ZZZZZZZZ
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		WEIGHT	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		SCALE	1:0.5
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		CAD FILE:	MECH ENG ON TORNADO
Application		DO NOT SCALE DRAWING		SHEET	5 OF 6

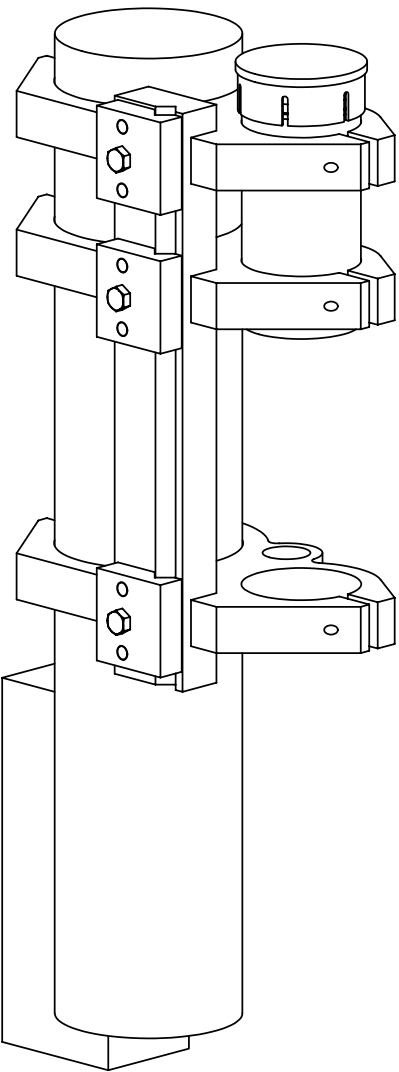
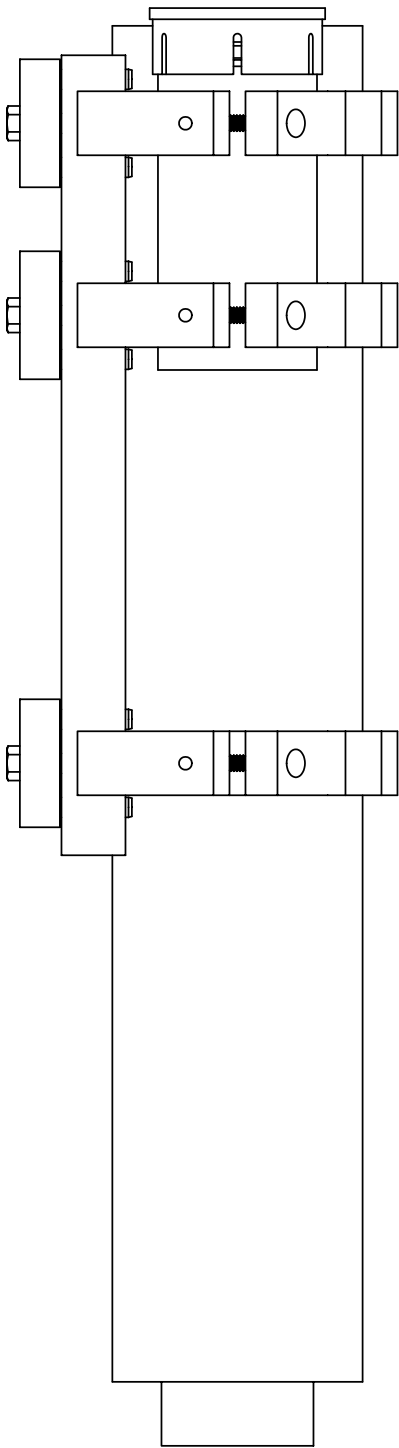
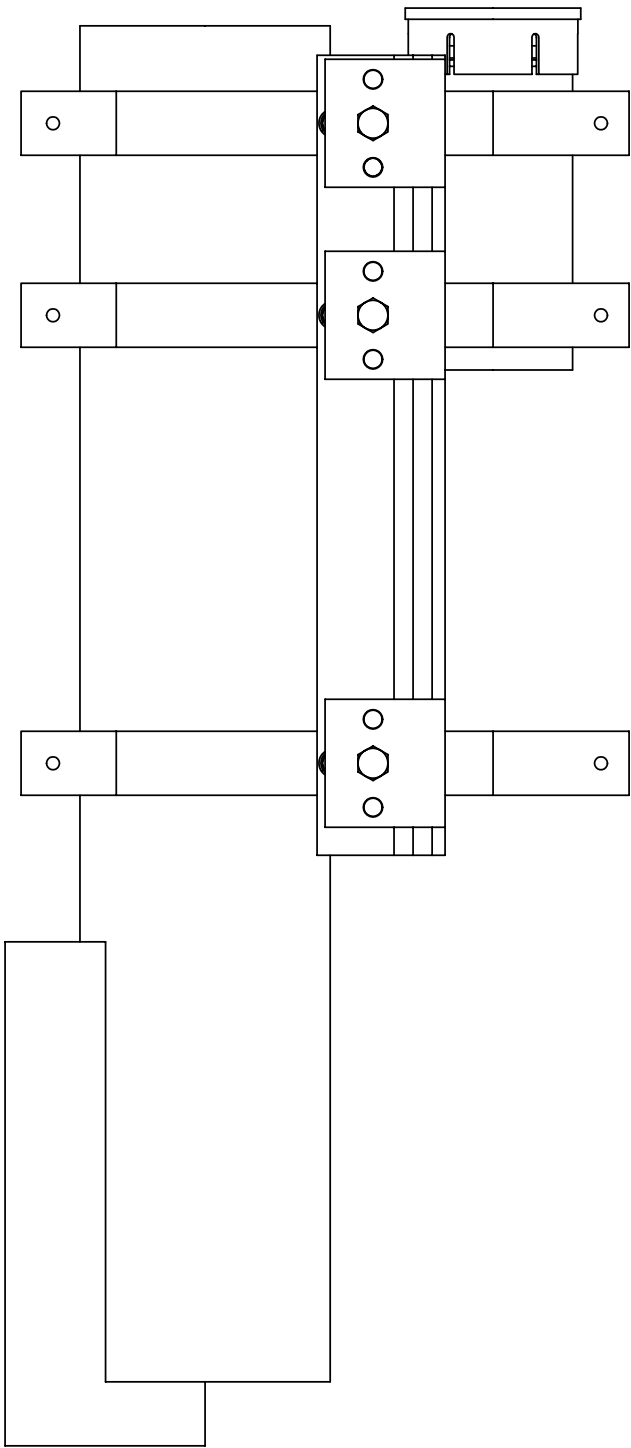
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PROJECT NAME
SBE_WetLabs-Assem

SIZE B DWG. NO. 1002413.DWG REV.

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



NOTES: (CONT. FROM TITLE BLOCK)

[illegible]