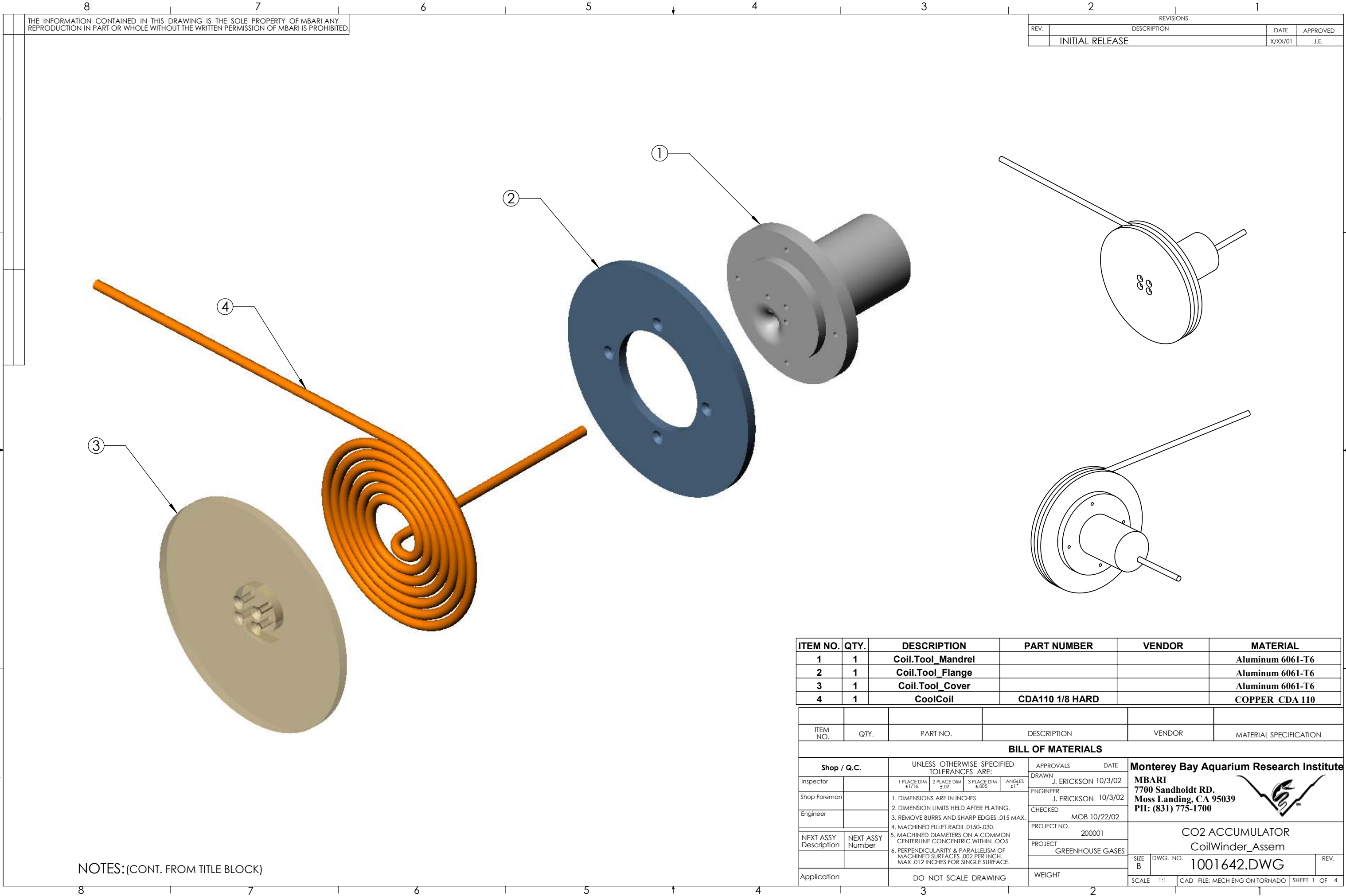




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/01	J.E.

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	VENDOR	MATERIAL
1	1	Coil.Tool_Mandrel			Aluminum 6061-T6
2	1	Coil.Tool_Flange			Aluminum 6061-T6
3	1	Coil.Tool_Cover			Aluminum 6061-T6
4	1	CoolCoil	CDA110 1/8 HARD		COPPER CDA 110

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	DRAWN	J. ERICKSON 10/3/02
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER	J. ERICKSON 10/3/02
Engineer		1. DIMENSIONS ARE IN INCHES		CHECKED	MOB 10/22/02
		2. DIMENSION LIMITS HELD AFTER PLATING.		PROJECT NO.	200001
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT	GREENHOUSE GASES
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		WEIGHT	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		SCALE	1:1
		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	1 OF 4

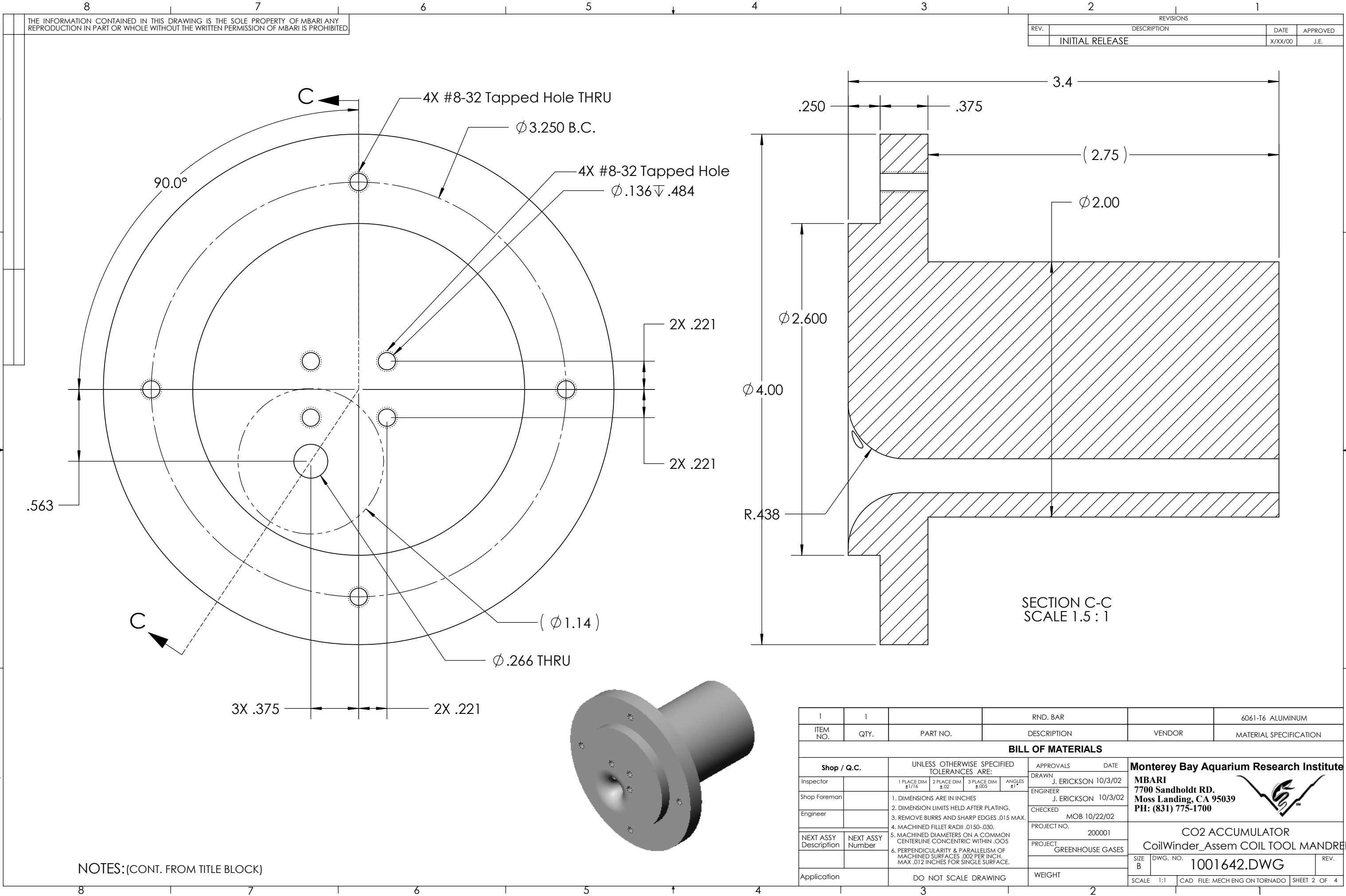
Monterey Bay Aquarium Research Institute
MBARI
7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



CO2 ACCUMULATOR
CoilWinder_Assem

DWG. NO. 1001642.DWG

NOTES:(CONT. FROM TITLE BLOCK)



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

NOTES:(CONT. FROM TITLE BLOCK)

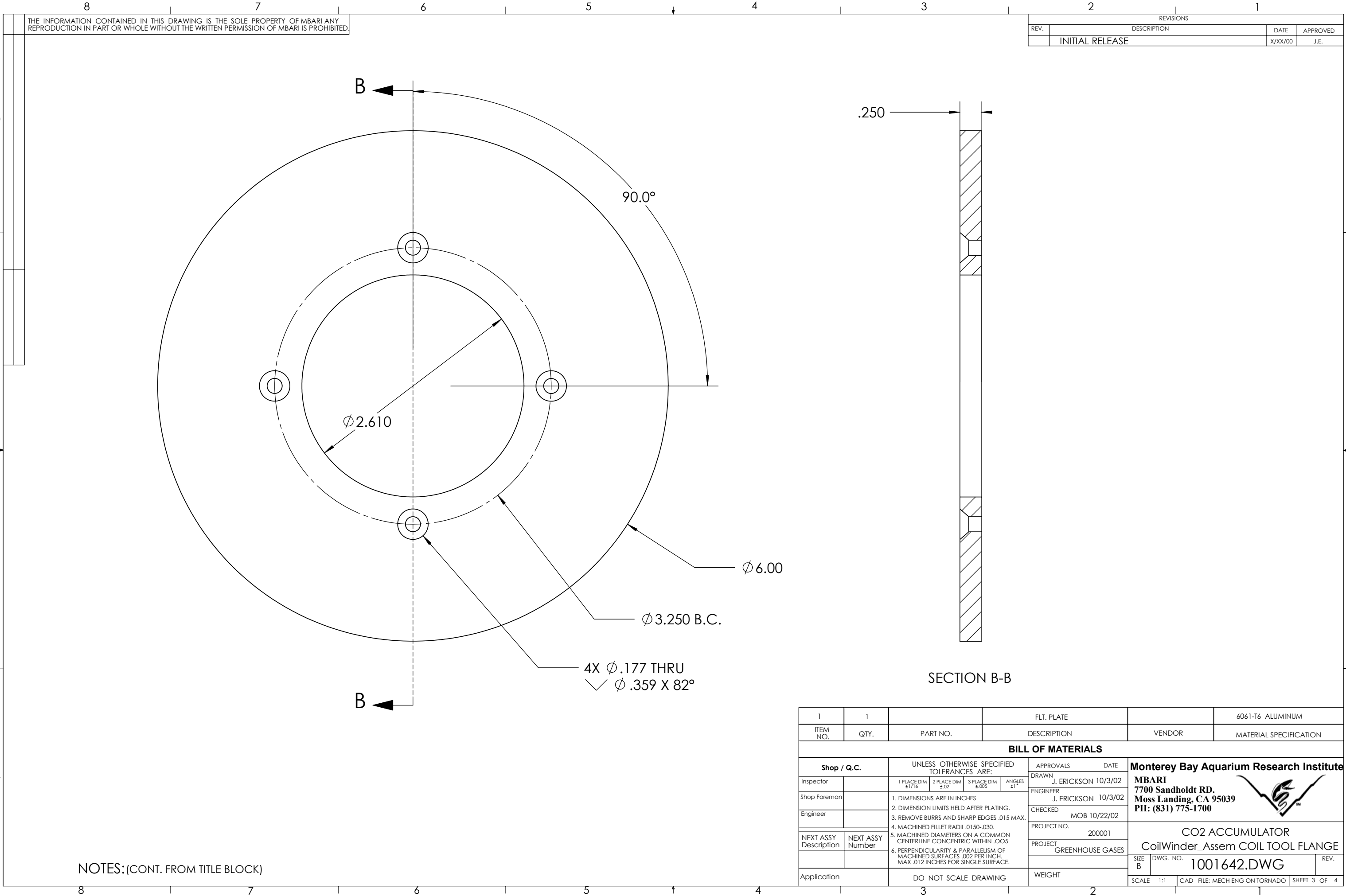
1	1		RND. BAR		6061-T6 ALUMINUM
ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		APPROVALS DATE	
Inspector		1 PLACE DIM ±.1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
Shop Foreman		1. DIMENSIONS ARE IN INCHES		DRAWN J. ERICKSON 10/3/02	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		ENGINEER J. ERICKSON 10/3/02	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		CHECKED MOB 10/22/02	
		4. MACHINED FILLET RADII .0150-.030.		PROJECT NO. 200001	
NEXT ASSY Description	NEXT ASSY Number	5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		PROJECT GREENHOUSE GASES	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		WEIGHT	
Application		DO NOT SCALE DRAWING		SCALE 1:1	
				CAD FILE: MECH ENG ON TORNADO	
				SHEET 2 OF 4	

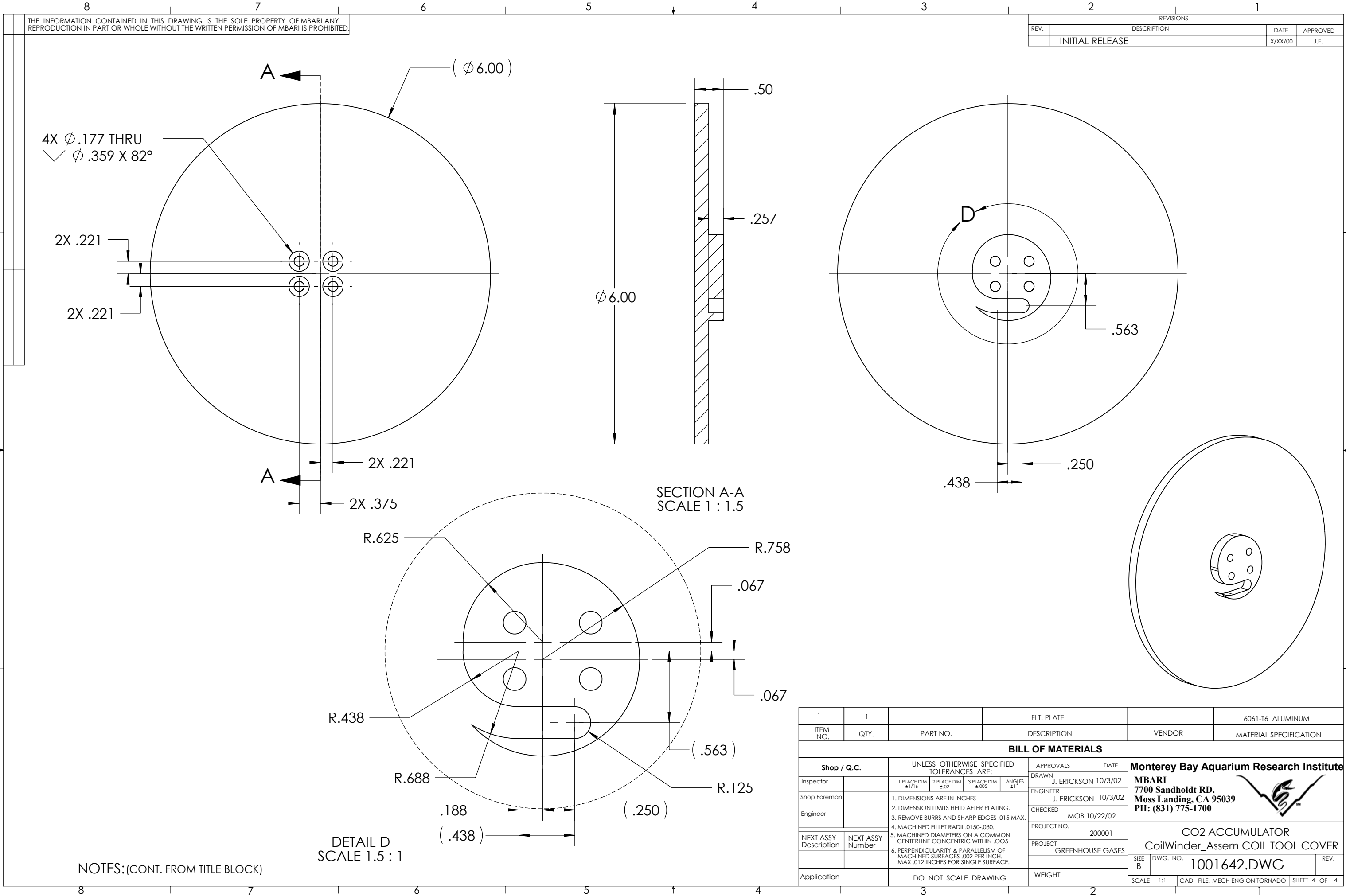
Monterey Bay Aquarium Research Institute
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7700 Sandholdt RD.
Moss Landing, CA 95039
PH: (831) 775-1700



CO2 ACCUMULATOR
CoilWinder_Assem COIL TOOL MANDREL

SIZE B DWG. NO. 1001642.DWG REV.





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	INITIAL RELEASE	X/XX/00	J.E.

SECTION A-A
SCALE 1:1.5

DETAIL D
SCALE 1.5:1

NOTES:(CONT. FROM TITLE BLOCK)

1	1		FLT. PLATE		6061-T6 ALUMINUM
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	DRAWN	J. ERICKSON 10/3/02
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER	J. ERICKSON 10/3/02
Engineer		1. DIMENSIONS ARE IN INCHES		CHECKED	MOB 10/22/02
		2. DIMENSION LIMITS HELD AFTER PLATING.		PROJECT NO.	200001
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		PROJECT	GREENHOUSE GASES
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.		WEIGHT	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005		SCALE	1:1
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE.		DWG. NO.	1001642.DWG
Application		DO NOT SCALE DRAWING		REV.	
				CAD FILE:	MECH ENG ON TORNADO
				SHEET	4 OF 4

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CO2 ACCUMULATOR
CoilWinder_Assem COIL TOOL COVER