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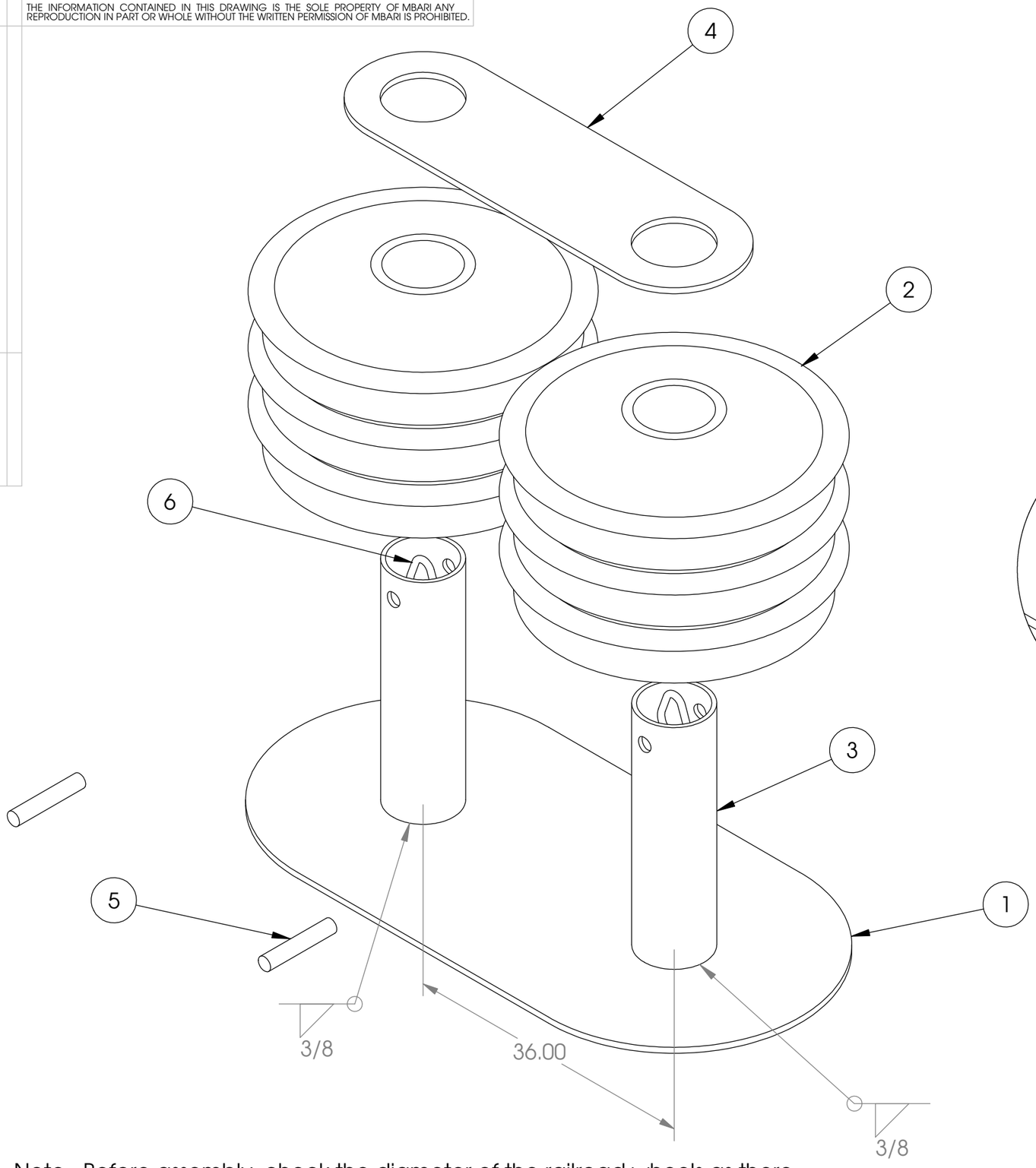
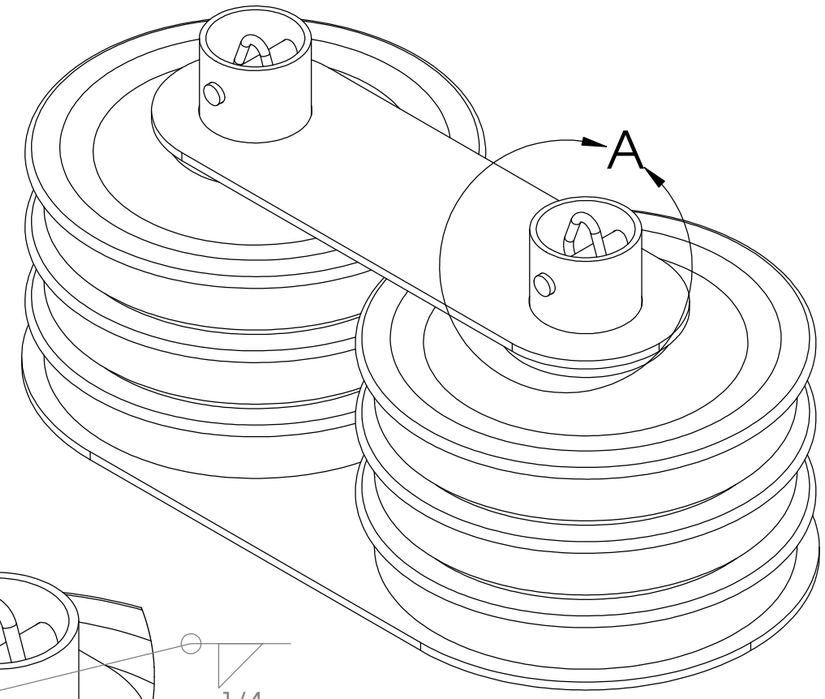
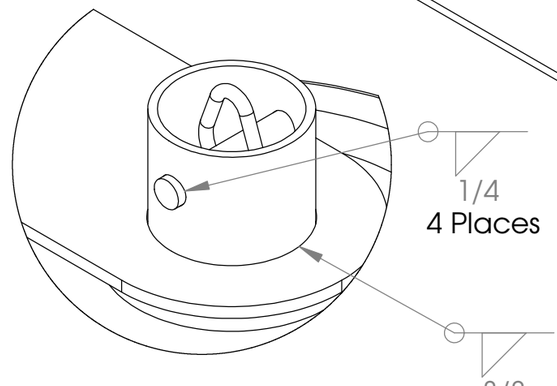
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		







DETAIL A
SCALE 1 : 8

ITEM NO.	QTY.	DESCRIPTION	PART NUMBER	MATERIAL
1	1	Lower Plate		Mild Steel
2	2	Three Wheel Stack		WRAUGHT IRON
3	2	post		8" Sch 80 Galv. Steel Pipe
4	1	Upper Plate		Mild Steel
5	2	Pin		1.75" Galv. Steel Bar
6	2	__Pear_Ring__	Crosby G-341 0.75"	

BILL OF MATERIALS

Note: Before assembly, check the diameter of the railroad wheels as there tends to be variability in the stock obtained from the scrap-yard.

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°	DRAWN JAH	1/22/04
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER JAH	1/22/04
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO.	MOOS Mooring
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				PROJECT	600027
		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	

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

DoubleAnchor

SIZE	DWG. NO.	REV.
B	1002284	
SCALE 1:12	CAD FILE: 600027.MOOS On Proj. Lib.	SHEET 1 OF 4

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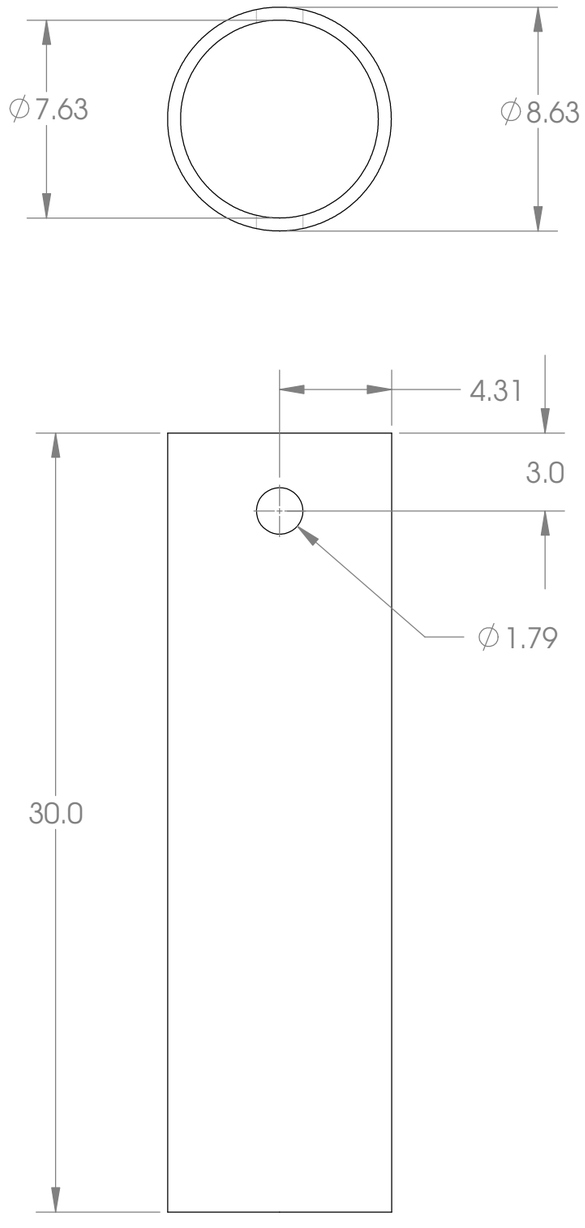
Post



8" Sch. 80 Galvanized Steel Pipe

Pin

1.75" Galvanized Steel Bar

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°	DRAWN JAH	1/22/04
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER JAH	1/22/04
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. 600027	
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				PROJECT MOOS Mooring	
		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	

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Post and Pin

SIZE	DWG. NO.	REV.
B	1002287	

SCALE 1:6 | CAD FILE: 600027.MOOS On Proj. Lib. | SHEET 2 OF 4

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REVISIONS			
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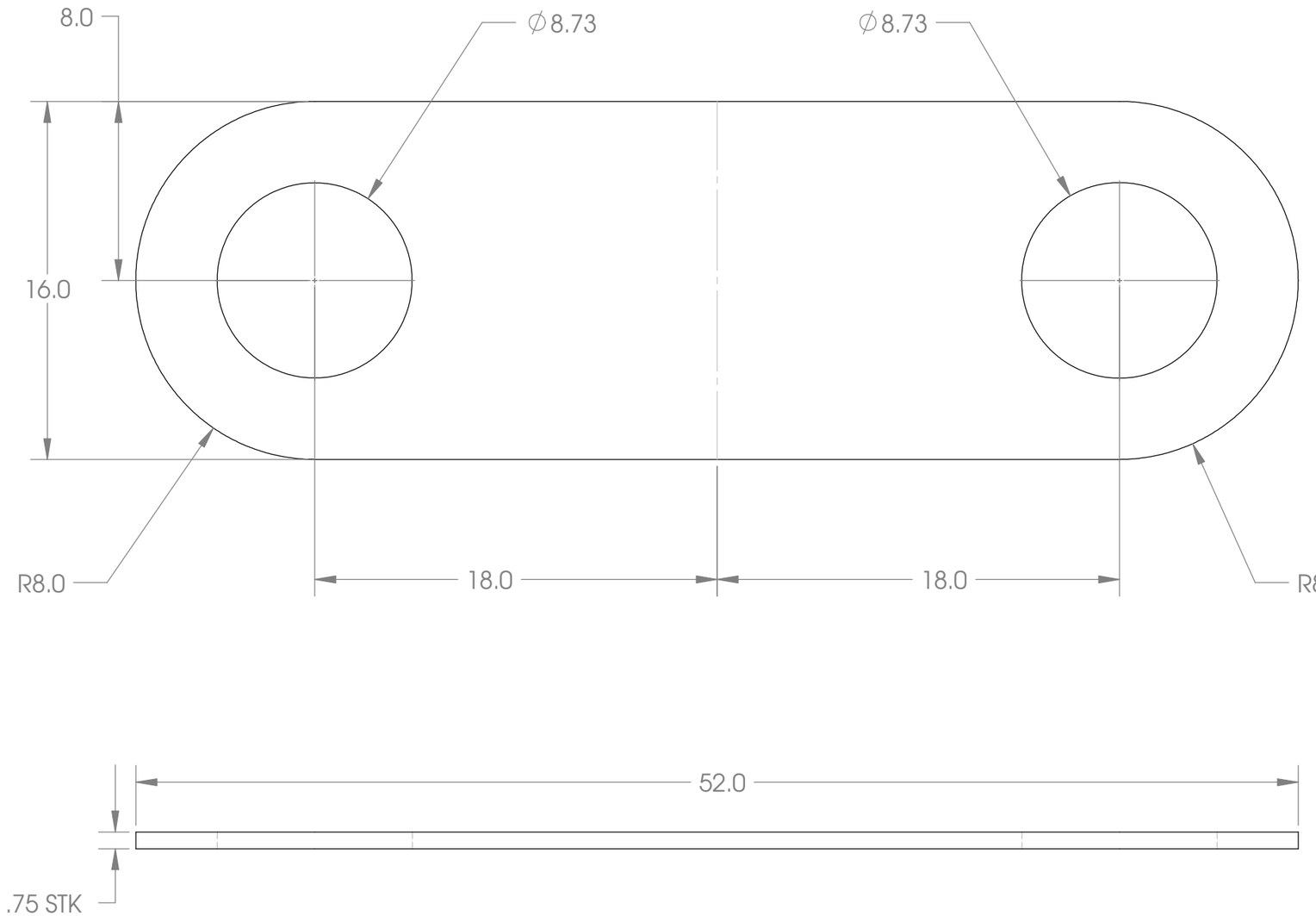
	INITIAL RELEASE		



BILL OF MATERIALS

Shop / Q.C.	
Inspector	
Shop Foreman	
Engineer	
NEXT ASSY Description	NEXT ASSY Number
Application	

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 .OO5
6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN JAH	1/22/04
ENGINEER JAH	1/22/04
CHECKED	
PROJECT NO. 600027	
PROJECT MOOS Mooring	
WEIGHT	

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Top Plate

SIZE	DWG. NO.	REV.
B	1002285	

SCALE 1:6 | CAD FILE: 600027.MOOS On Proj. Lib. | SHEET 3 OF 4

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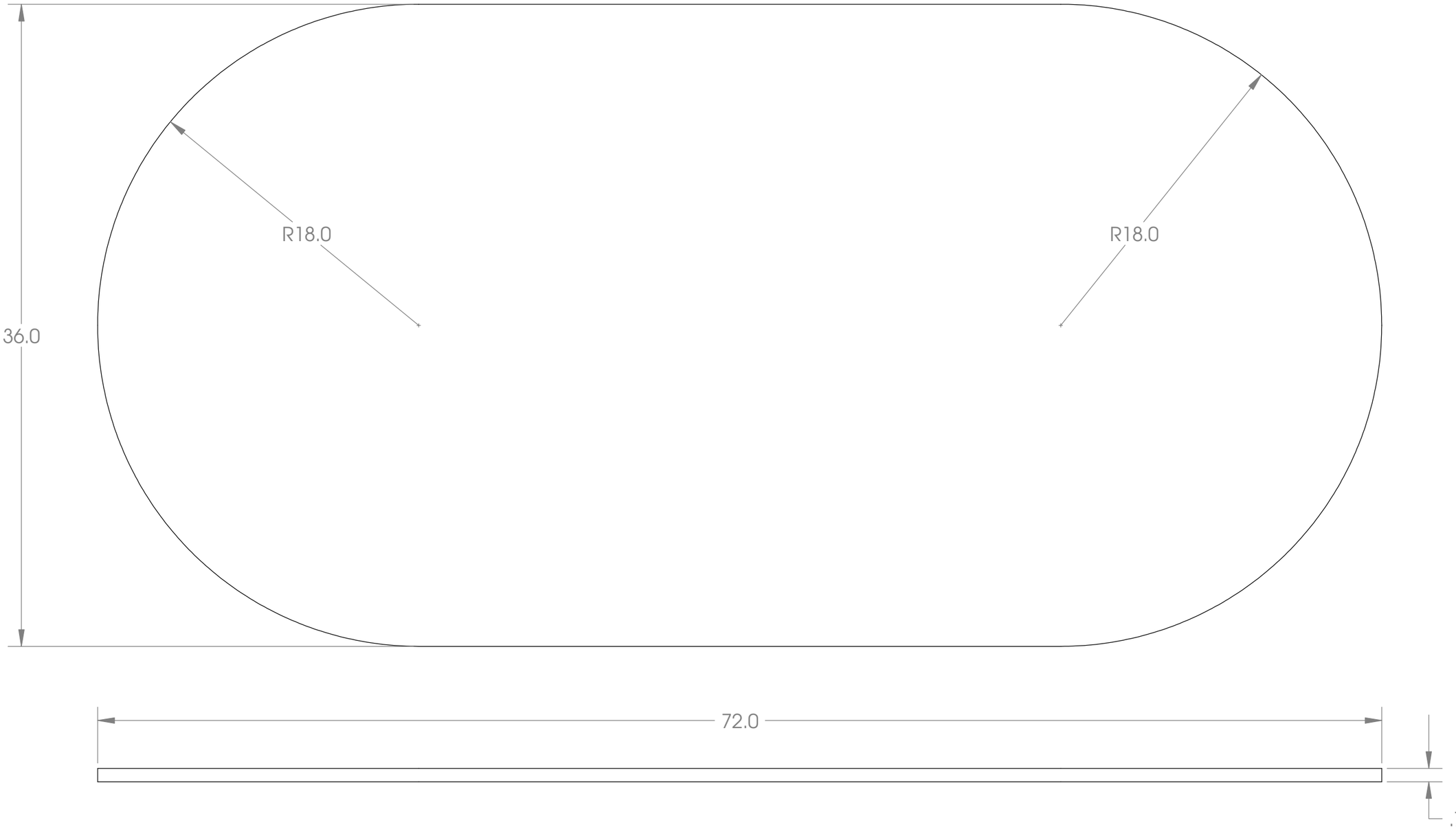
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		



BILL OF MATERIALS

Shop / Q.C.	
Inspector	
Shop Foreman	
Engineer	
NEXT ASSY Description	NEXT ASSY Number
Application	

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	DATE
DRAWN JAH	1/22/04
ENGINEER JAH	1/22/04
CHECKED	
PROJECT NO. 600027	
PROJECT MOOS Mooring	
WEIGHT	

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MBARI
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Moss Landing, CA 95039
PH: (831) 775-1700

Lower Plate

SIZE	DWG. NO.	REV.
B	1002286	

SCALE 1:6	CAD FILE: 600027.MOOS On Proj. Lib.	SHEET 4 OF 4