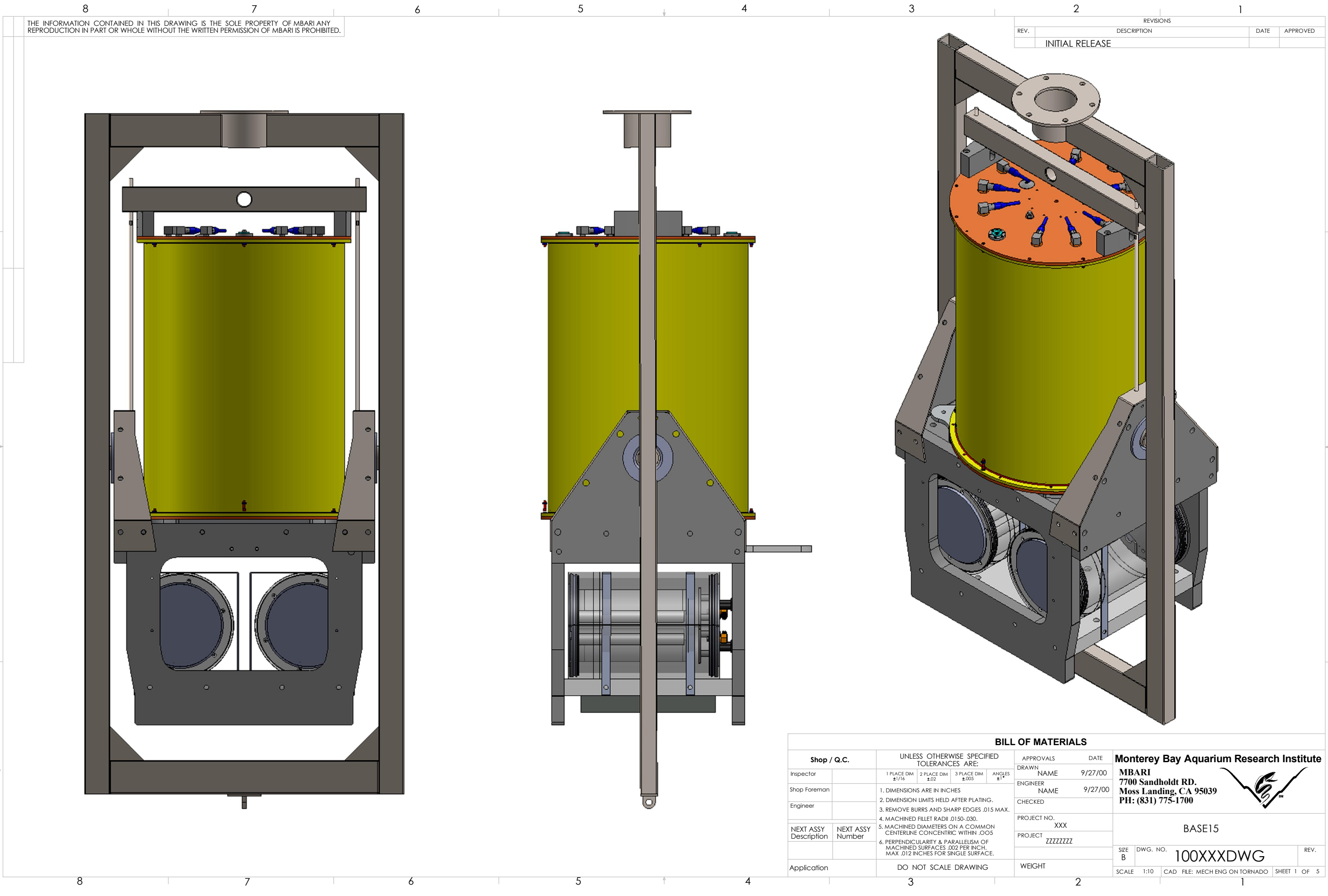




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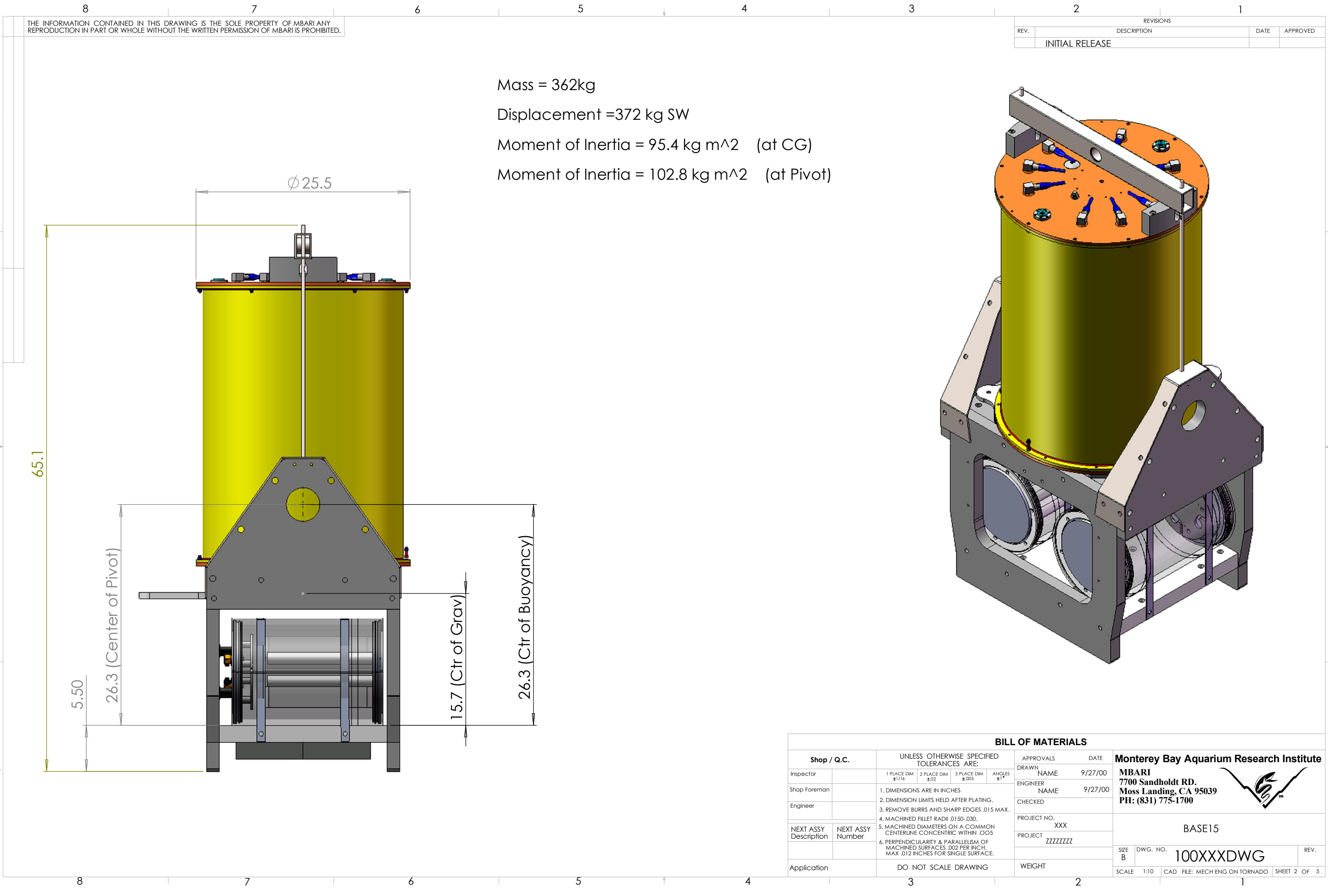
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

BILL OF MATERIALS			
Shop / Q.C.		APPROVALS	DATE
Inspector		DRAWN NAME	9/27/00
Shop Foreman		ENGINEER NAME	9/27/00
Engineer		CHECKED	
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. XXX	
		PROJECT ZZZZZZZZ	
Application	DO NOT SCALE DRAWING	WEIGHT	
		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.	
		APPROVALS	
		DATE	
		PROJECT	
		WEIGHT	
		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.	
		APPROVALS	
		DATE	
		PROJECT	
		WEIGHT	

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

BASE15

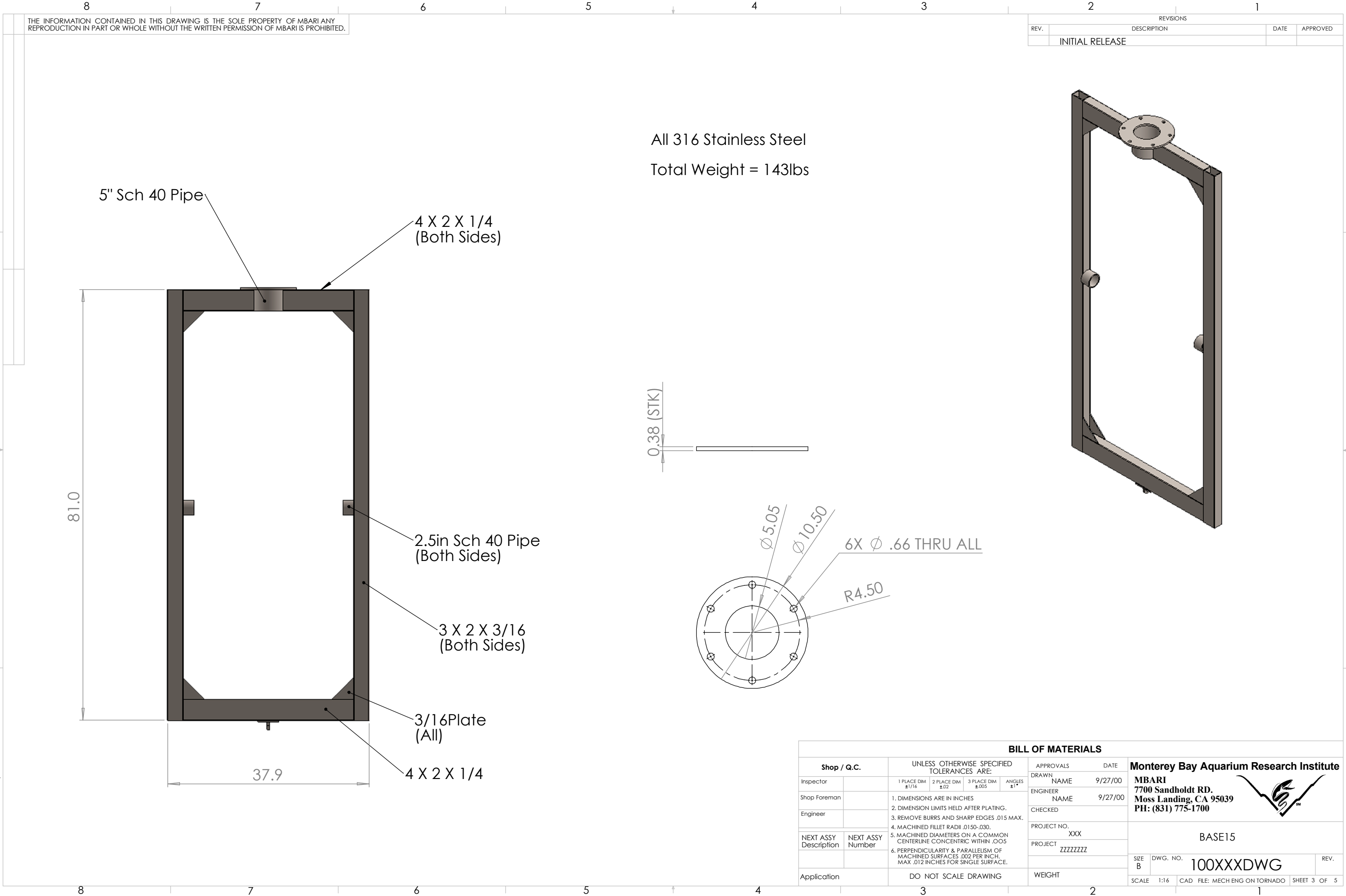
SIZE	DWG. NO.	REV.
B	100XXWDWG	
SCALE	1:10	CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 5



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

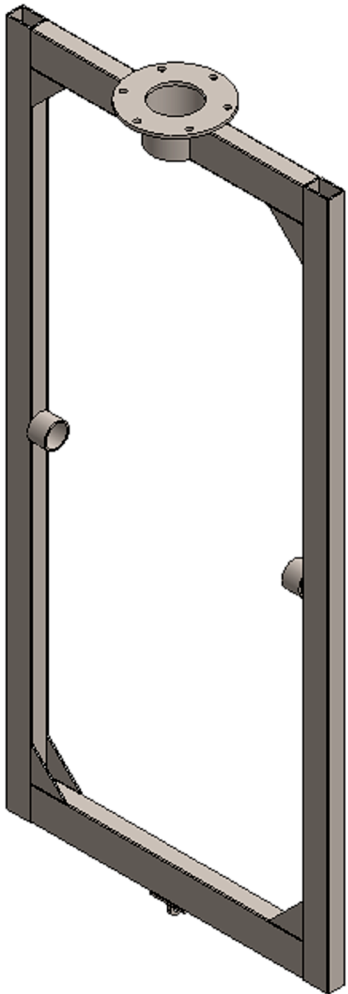
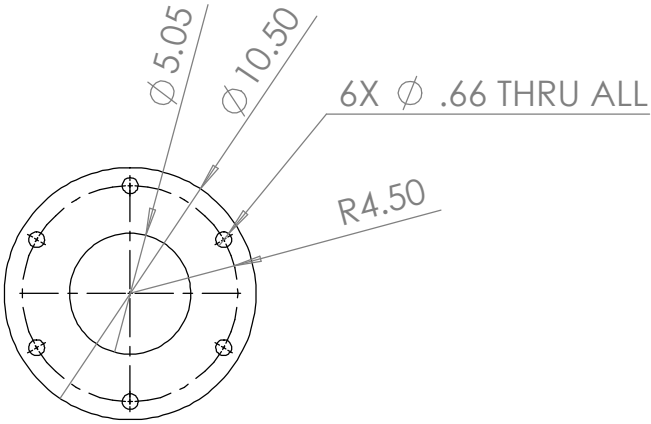
BILL OF MATERIALS			
Shop / Q.C.		APPROVALS	DATE
Inspector		DRAWN NAME	9/27/00
Shop Foreman		ENGINEER NAME	9/27/00
Engineer		CHECKED	
NEXT ASSY Description	NEXT ASSY Number	PROJECT NO. XXX	
		PROJECT ZZZZZZZZ	
Application	DO NOT SCALE DRAWING	WEIGHT	
		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:	
		1 PLACE DIM $\pm 1/16$	2 PLACE DIM $\pm .02$
		3 PLACE DIM $\pm .005$	ANGLES $\pm 1^\circ$
		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.	
		Monterey Bay Aquarium Research Institute	
		MBARI	
		7700 Sandholdt RD.	
		Moss Landing, CA 95039	
		PH: (831) 775-1700	
		BASE15	
		SIZE B	DWG. NO. 100XXXDWG
		SCALE 1:10	REV.
		CAD FILE: MECH ENG ON TORNADO	SHEET 2 OF 5



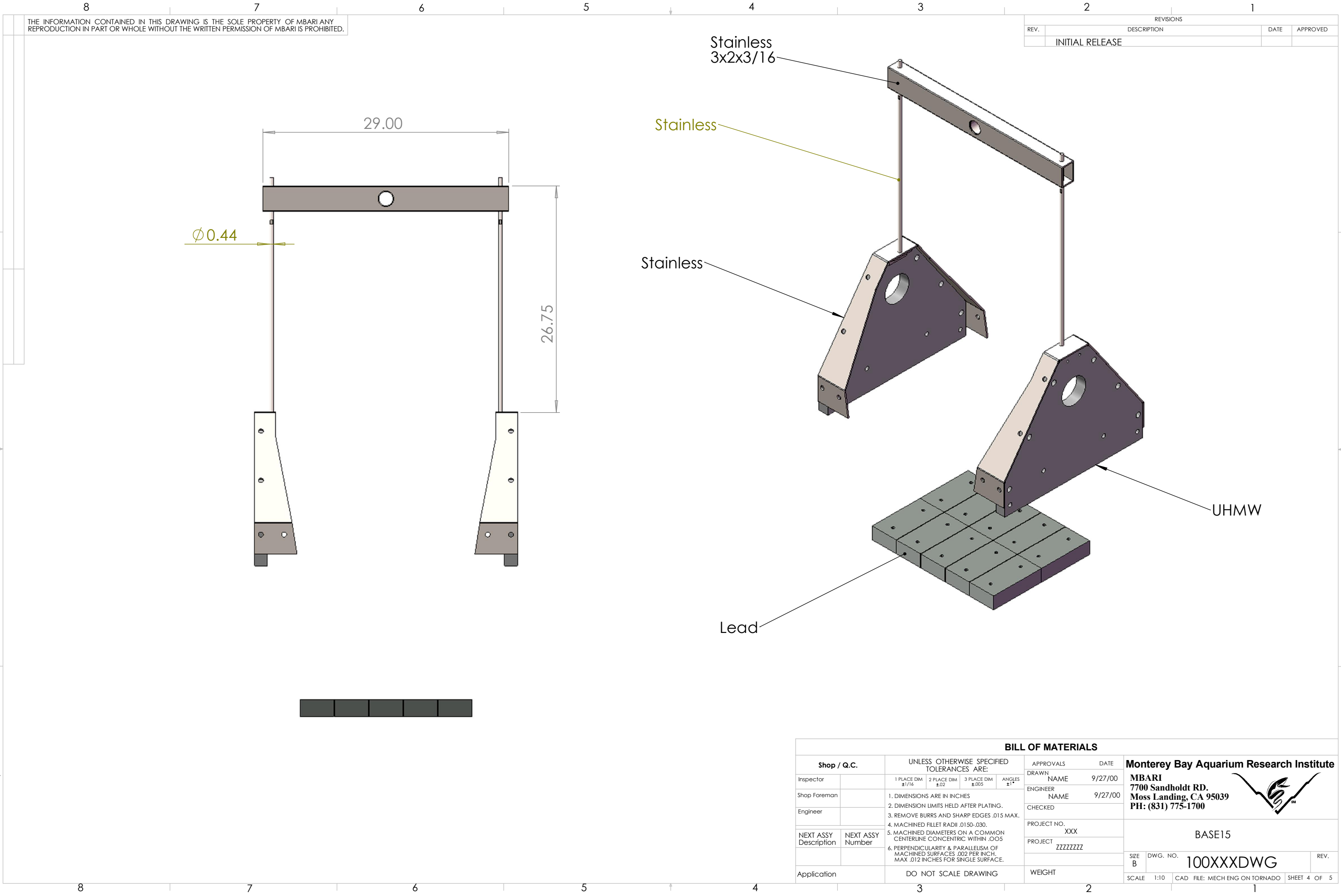
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

All 316 Stainless Steel
Total Weight = 143lbs



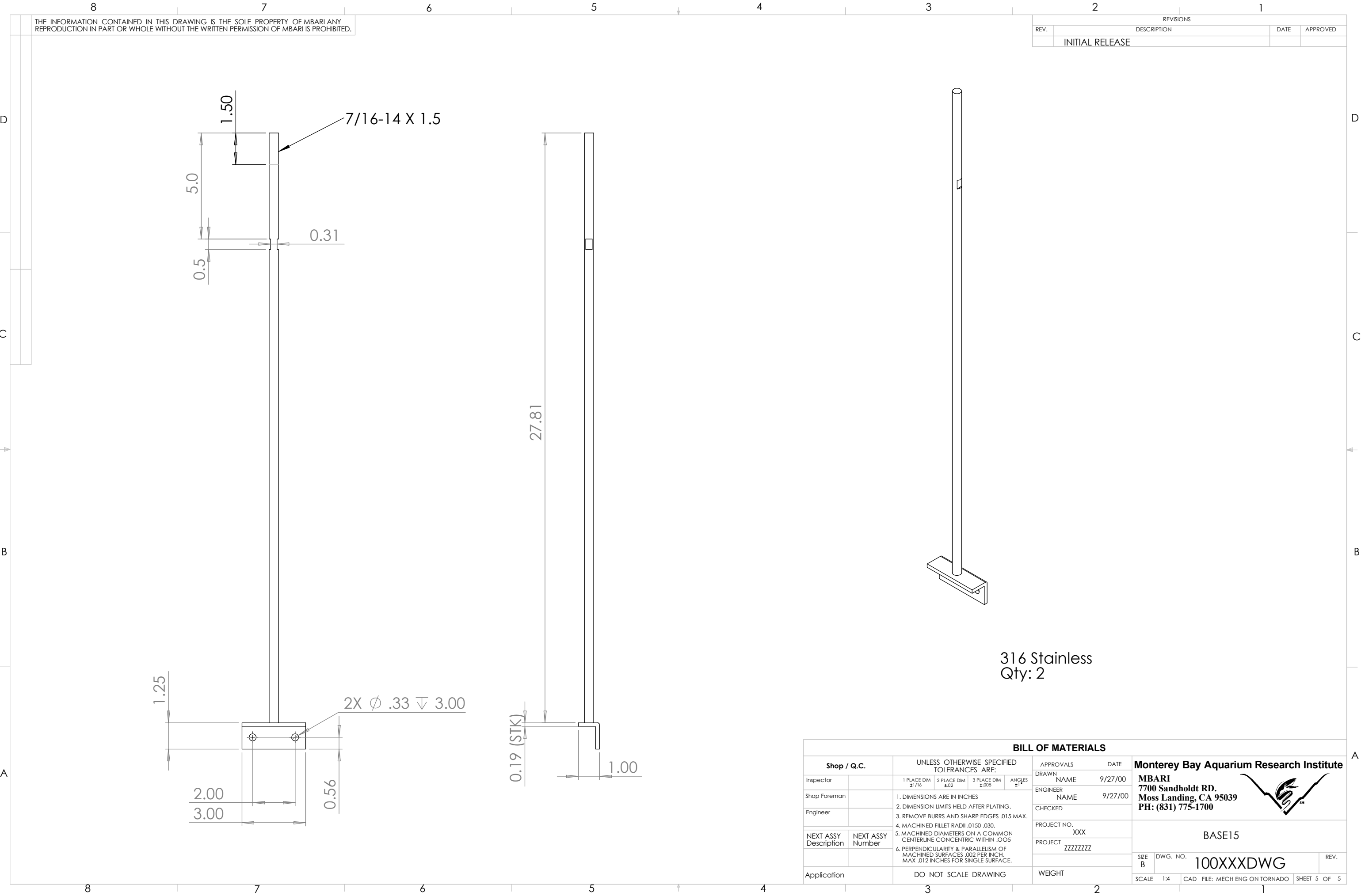
BILL OF MATERIALS												
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	NAME	9/27/00				
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	NAME	9/27/00				
Engineer						CHECKED						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	XXX	BASE15				
						PROJECT	ZZZZZZZZ					
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO.	100XXXDWG	REV.
								SCALE 1:16		CAD FILE: MECH ENG ON TORNADO	SHEET 3	OF 5



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REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

BILL OF MATERIALS												
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS		DATE		Monterey Bay Aquarium Research Institute		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°	DRAWN	NAME	9/27/00		MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
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	NAME	9/27/00				
Engineer						CHECKED						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	XXX					
		PROJECT	ZZZZZZZZ						BASE15			
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B		DWG. NO. 100XXXDWG		REV.
								SCALE 1:10		CAD FILE: MECH ENG ON TORNADO		SHEET 4 OF 5



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

316 Stainless
Qty: 2

BILL OF MATERIALS									
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:				APPROVALS	DATE	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°	DRAWN	NAME 9/27/00		
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	NAME 9/27/00		
Engineer						CHECKED			
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	XXX	BASE15	
						PROJECT	ZZZZZZZZ		
Application		DO NOT SCALE DRAWING				WEIGHT		SIZE B	DWG. NO. 100XXWDWG
								SCALE 1:4	CAD FILE: MECH ENG ON TORNADO
								SHEET 5 OF 5	