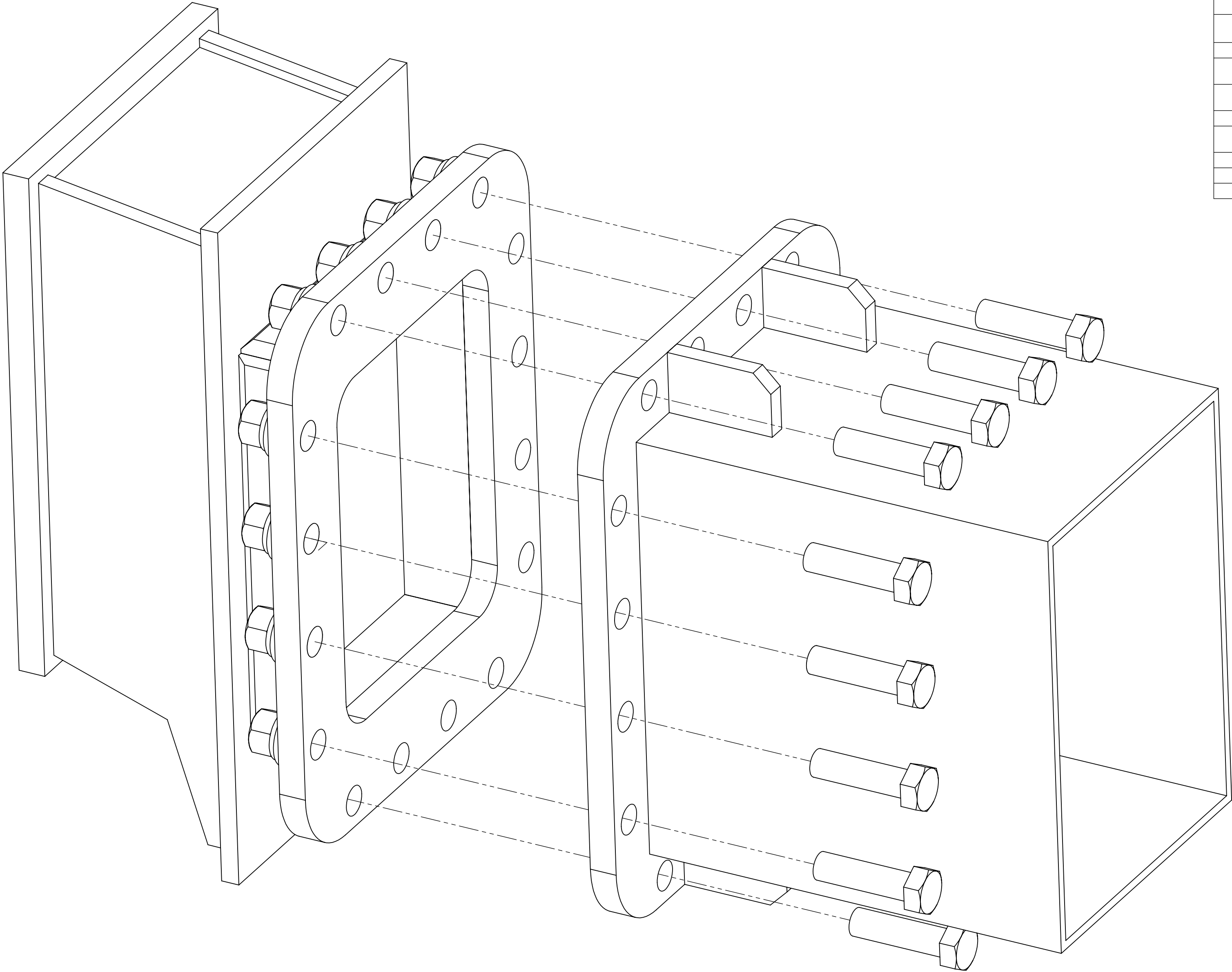


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REV.		DESCRIPTION	REVISIONS		DATE	APPROVED

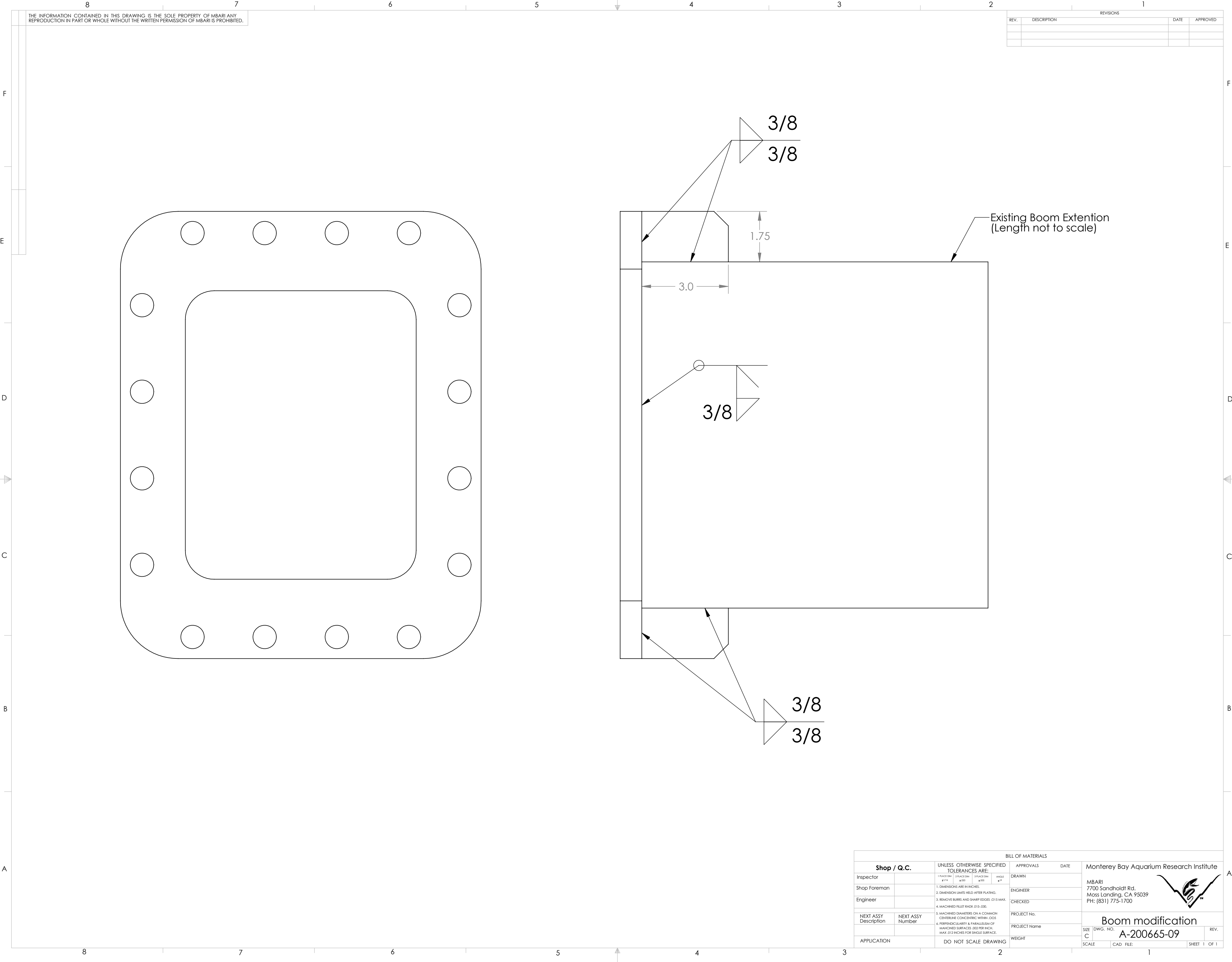
ITEM NO.	PART NUMBER	QTY.
1	Boom assembly	1
	Rect_Tube 12x9	1
	Flange	1
	Gusset	4
2	Docking Head Assembly	1
	Dockgin head base	1
	Docking Head modification	1
	ASTM A514: Plate Flange	1
	ASTM A514: 8 in Boss plate	2
	ASTM A514: 11 in Boss plate	2
3	Bolt assembly	16
	Bolt Gr-8; ¾ -10 UNC x 2.75Lg	1
	Flat Washer Gr-8 ¾"	1
	Lock washer Gr-8; ¾"	1
	NUT Gr-8 ¾" -10 UNC	1



Status:

NEXT ASSY		UNLESS OTHERWISE SPECIFIED		APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Description	Number	TOLERANCES ARE:		DRAWN		2/6/2009		MBARI	
THIRD ANGLE PROJECTION		1. PLACE DIM. ±.125	2. PLACE DIM. ±.005	3. PLACE DIM. ±.005	4. PLACE DIM. ±.005	ENGINEER		7700 Sandholdt Rd.	
		1. DIMENSIONS ARE IN INCHES.		CHECKED		PROJECT NO.		PH: (831) 775-1700	
		2. DIMENSION LINES HELD AFTER PLATING.		PROJECT Name		SIZE		Boom to Docking head assembly	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		WEIGHT		DWG. NO.		200665	
		4. MACHINED FILLET RADIUS .015-.030.				SCALE			
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005.				CAD FILE:		SHEET 1 OF 1	
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH; MAX .012 INCHES FOR SINGLE SURFACE.							
APPLICATION		DO NOT SCALE DRAWING							





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REV.		DESCRIPTION	REVISIONS		DATE	APPROVED

BILL OF MATERIALS											
Shop / Q.C.			UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:			APPROVALS		DATE		Monterey Bay Aquarium Research Institute	
Inspector			1. PLACE DIM. ±.175	2. SPACE DIM. ±.005	3. PLACE DIM. ±.005	ANGLE ±.1°	DRAWN				
Shop Foreman			1. DIMENSIONS ARE IN INCHES.				ENGINEER	MBARI 7700 Sandhold Rd. Moss Landing, CA 95039 PH: (831) 775-1700			
Engineer			2. DIMENSION LINES HELD AFTER PLATING .015 MAX.				CHECKED				
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.									
		4. MACHINED FILLET RADIUS .015 .030.									
NEXT ASSY Description		NEXT ASSY Number		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .005			PROJECT No.	Boom modification			
				6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH; MAX .012 INCHES FOR SINGLE SURFACE.			PROJECT Name	SIZE C DWG. NO. A-200665-09		REV.	
APPLICATION			DO NOT SCALE DRAWING			WEIGHT		SCALE		CAD FILE:	
								SHEET 1		OF 1	

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



Boom modification
A-200665-09