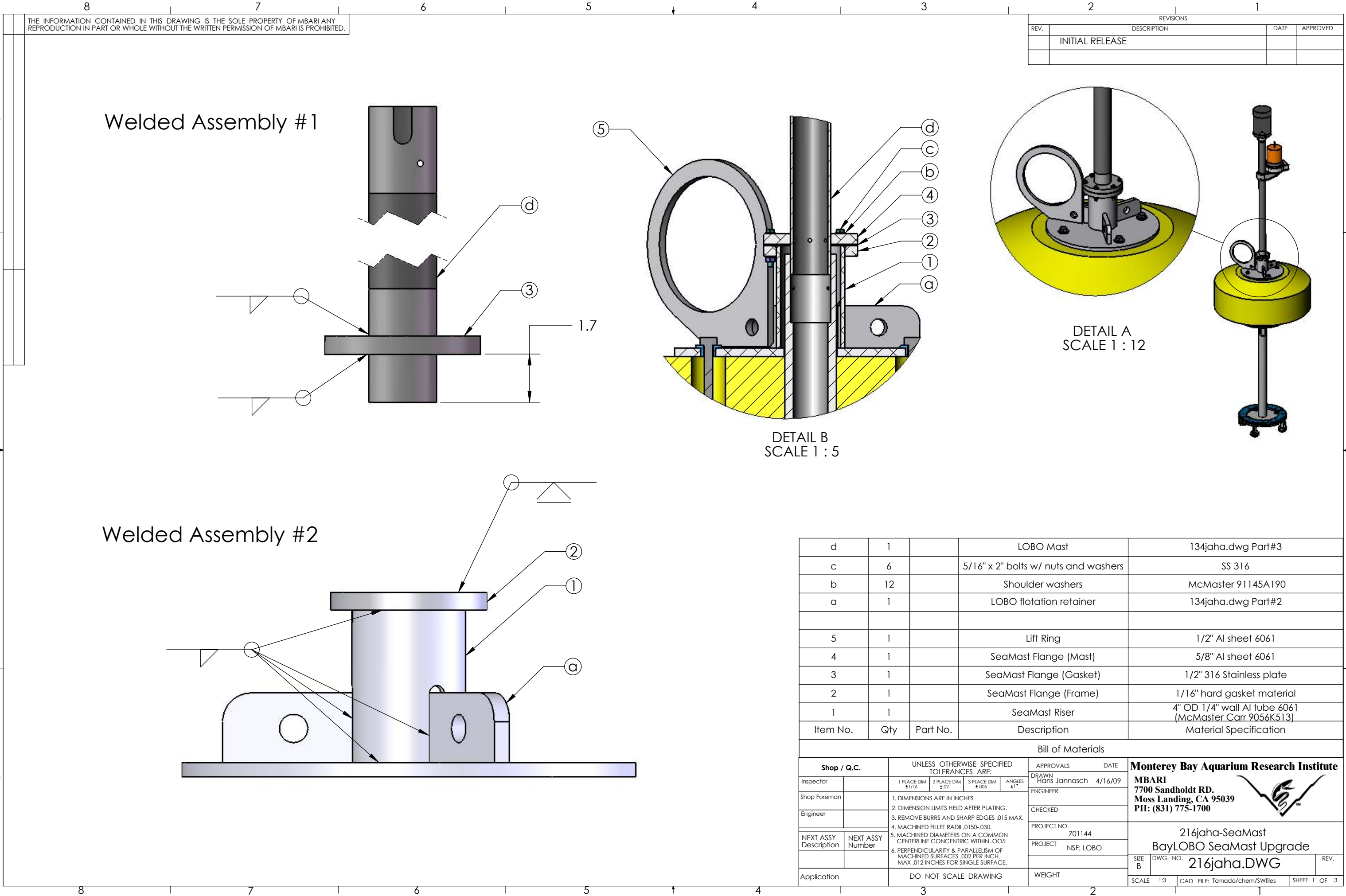




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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		

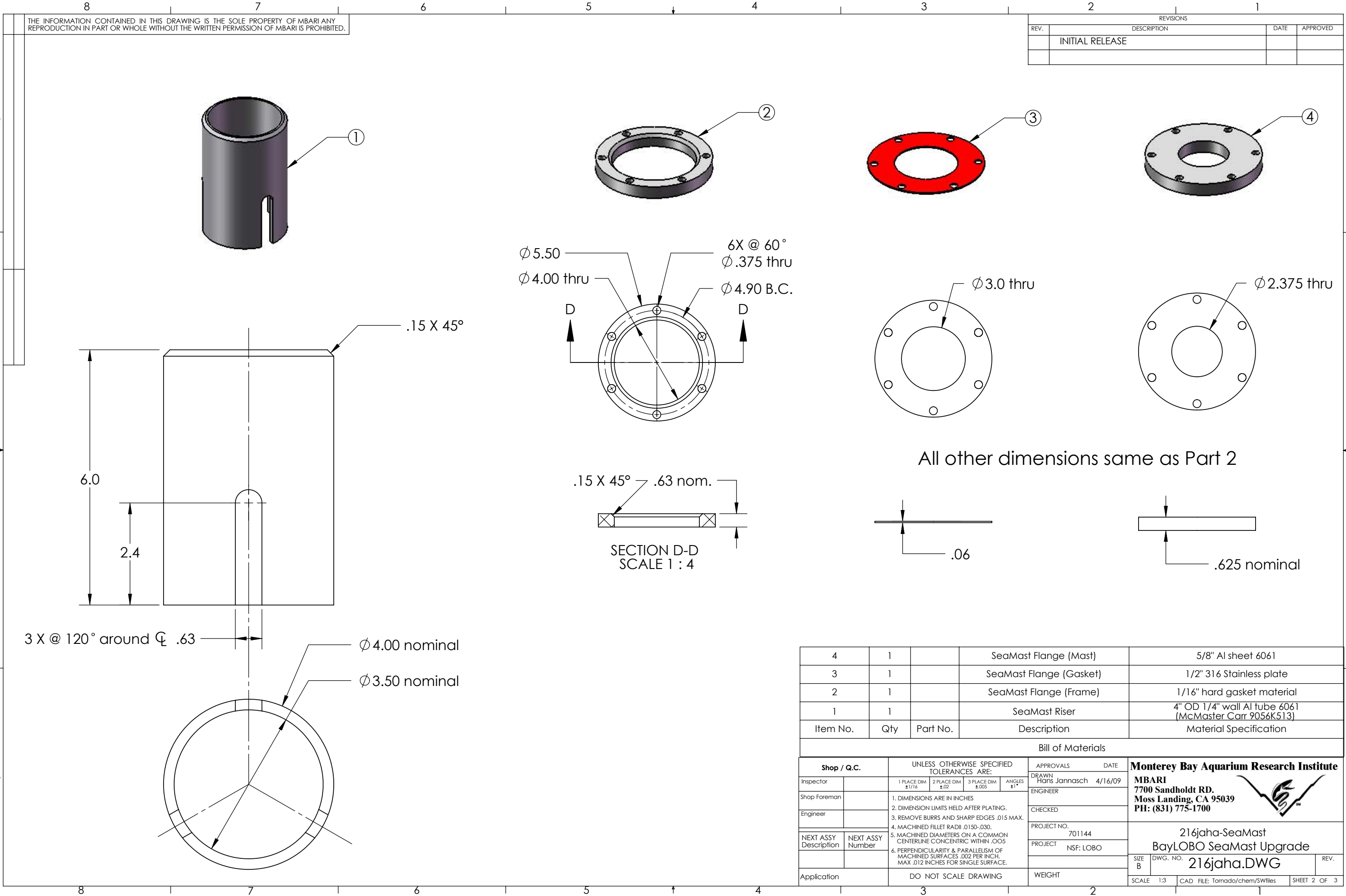
d	1		LOBO Mast	134jaha.dwg Part#3
c	6		5/16" x 2" bolts w/ nuts and washers	SS 316
b	12		Shoulder washers	McMaster 91145A190
a	1		LOBO flotation retainer	134jaha.dwg Part#2
5	1		Lift Ring	1/2" Al sheet 6061
4	1		SeaMast Flange (Mast)	5/8" Al sheet 6061
3	1		SeaMast Flange (Gasket)	1/2" 316 Stainless plate
2	1		SeaMast Flange (Frame)	1/16" hard gasket material
1	1		SeaMast Riser	4" OD 1/4" wall Al tube 6061 (McMaster Carr 9056K513)
Item No.	Qty	Part No.	Description	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°	DRAWN Hans Jannasch	4/16/09		
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			
Engineer						CHECKED			
						PROJECT NO. 701144			
						PROJECT NSF: LOBO			
NEXT ASSY Description	NEXT ASSY Number					216jaha-SeaMast BayLOBO SeaMast Upgrade			
						SIZE B	DWG. NO.	216jaha.DWG	
								REV.	
Application		DO NOT SCALE DRAWING				WEIGHT			
						SCALE	1:3	CAD FILE: Tornado/chem/SWfiles	SHEET 1 OF 3

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

216jaha-SeaMast
BayLOBO SeaMast Upgrade
216jaha.DWG

SIZE B DWG. NO. 216jaha.DWG



4	1		SeaMast Flange (Mast)	5/8" Al sheet 6061
3	1		SeaMast Flange (Gasket)	1/2" 316 Stainless plate
2	1		SeaMast Flange (Frame)	1/16" hard gasket material
1	1		SeaMast Riser	4" OD 1/4" wall Al tube 6061 (McMaster Carr 9056K513)
Item No.	Qty	Part No.	Description	Material Specification

Bill of Materials				
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005
Shop Foreman		1. DIMENSIONS ARE IN INCHES	ANGLES ±1°	
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.		
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.		
		4. MACHINED FILLET RADII .0150-.030.		
NEXT ASSY Description	NEXT ASSY Number	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		

APPROVALS DATE
DRAWN
Hans Jannasch 4/16/09
ENGINEER
CHECKED
PROJECT NO.
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PROJECT
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SIZE
B

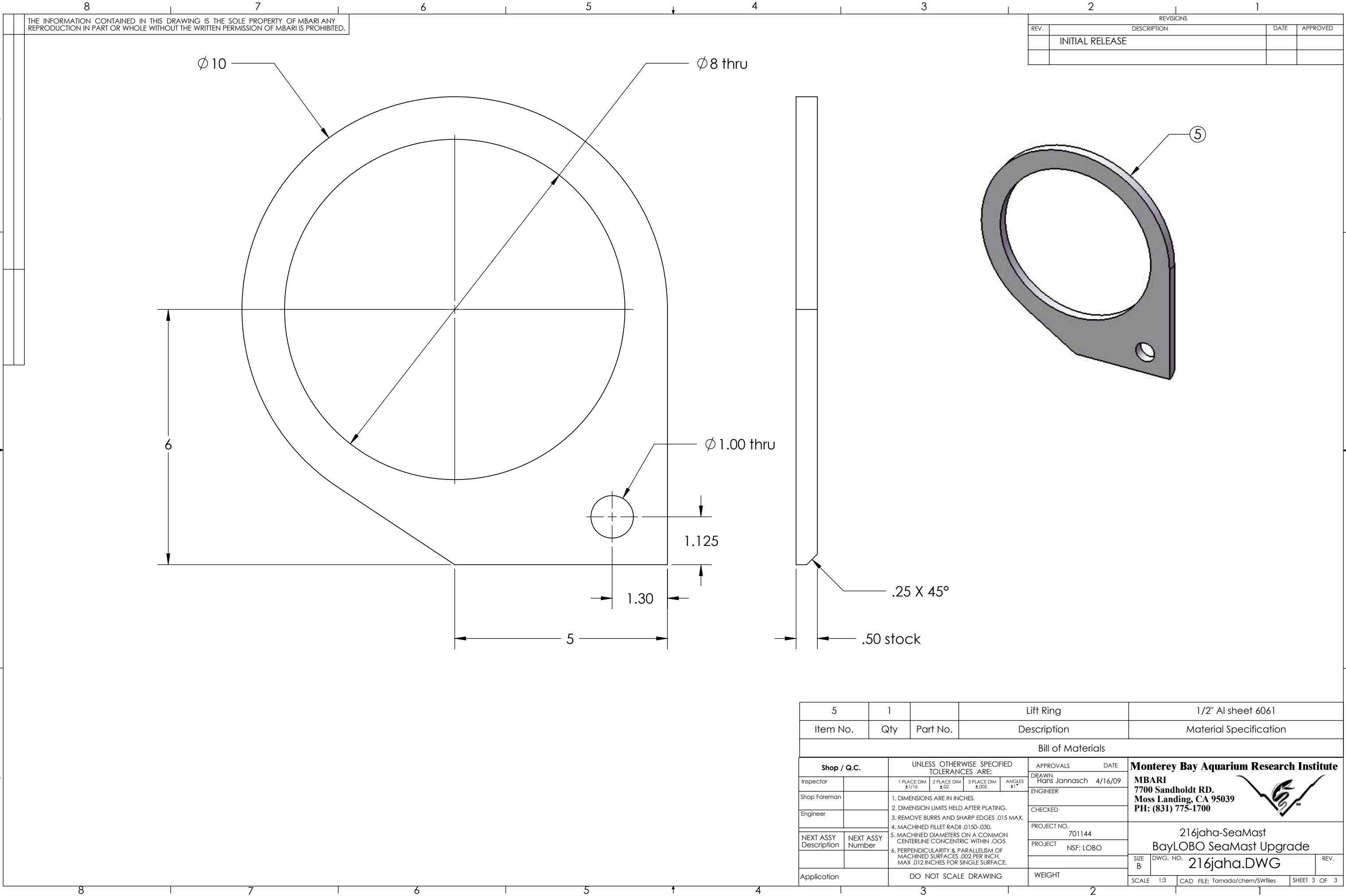
DWG. NO.
216jaha.DWG

REV.

SCALE 1:3

CAD FILE: Tornado/chem/SWfiles

SHEET 2 OF 3



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5	1		Lift Ring	1/2" Al sheet 6061
Item No.	Qty	Part No.	Description	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 Hans Jannasch 4/16/09
Shop Foreman		3 PLACE DIM ±.005	ANGLES ±1°	ENGINEER
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.		CHECKED
NEXT ASSY Description	NEXT ASSY Number			PROJECT NO. 701144
				PROJECT NSF: LOBO
Application		DO NOT SCALE DRAWING		WEIGHT
				SCALE 1:3
				CAD FILE: Tornado/chem/SWfiles
				SHEET 3 OF 3

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