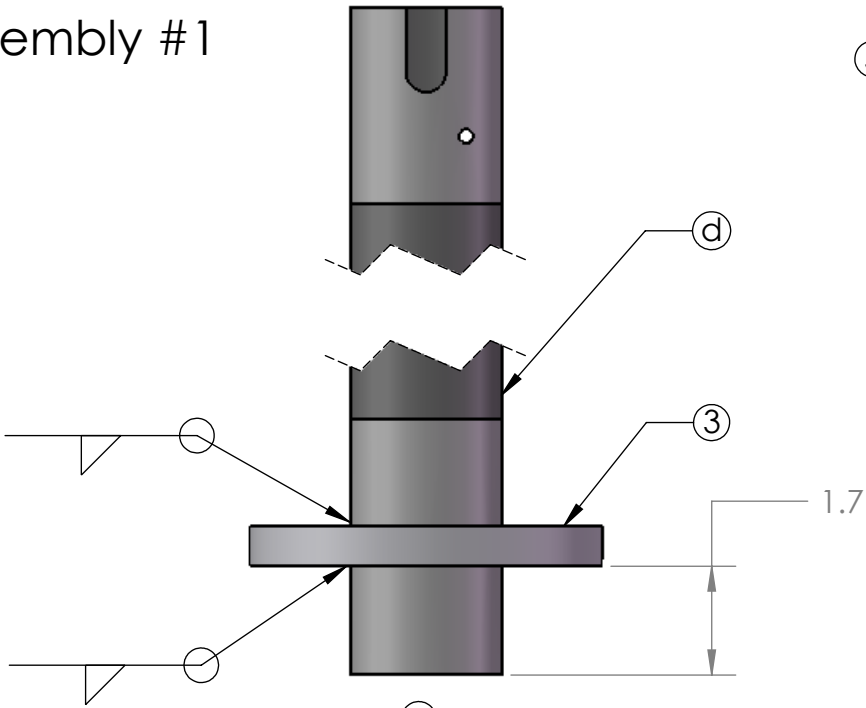


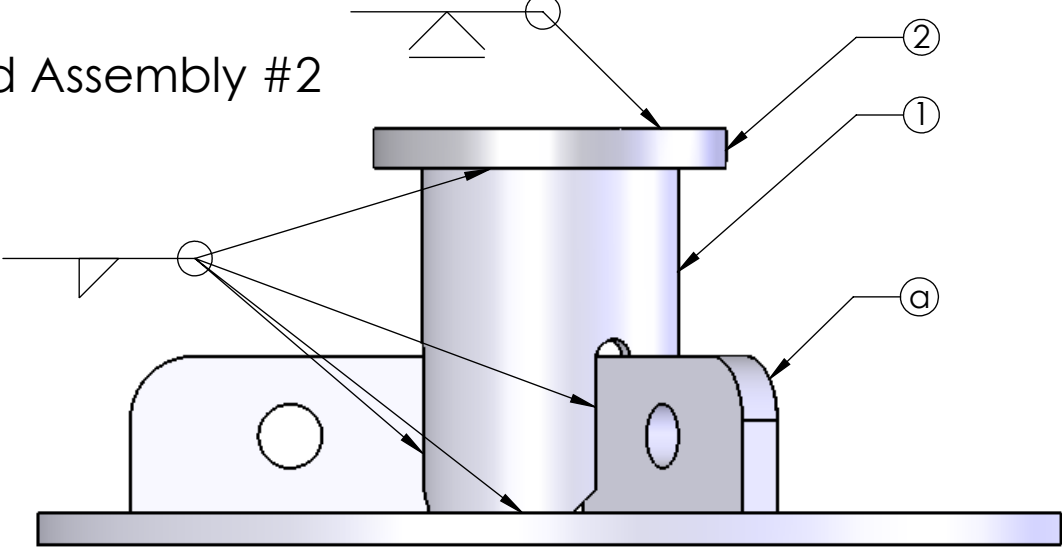
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		
A	Added chamfer and corrected material	3/31/10	HWJ

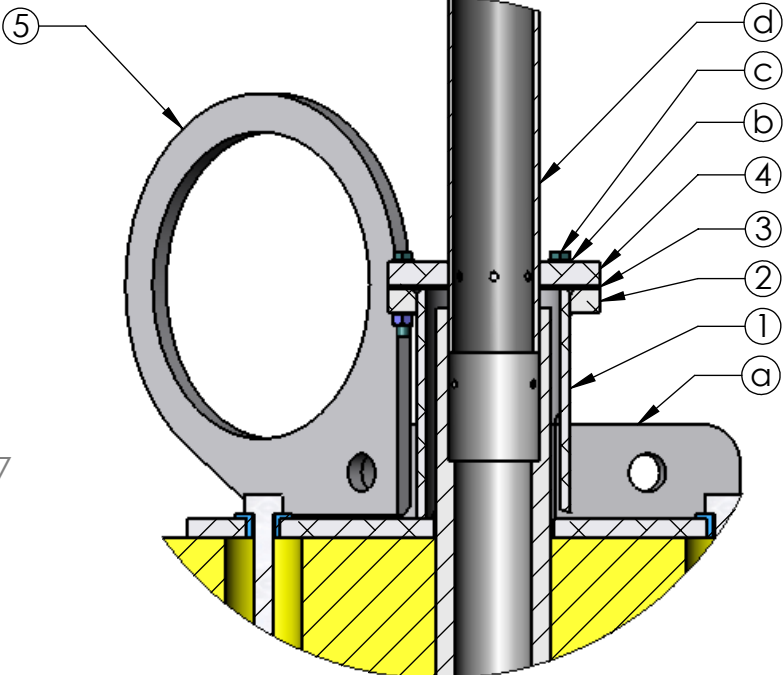
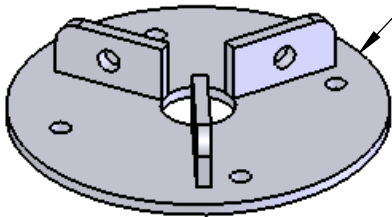
Welded Assembly #1



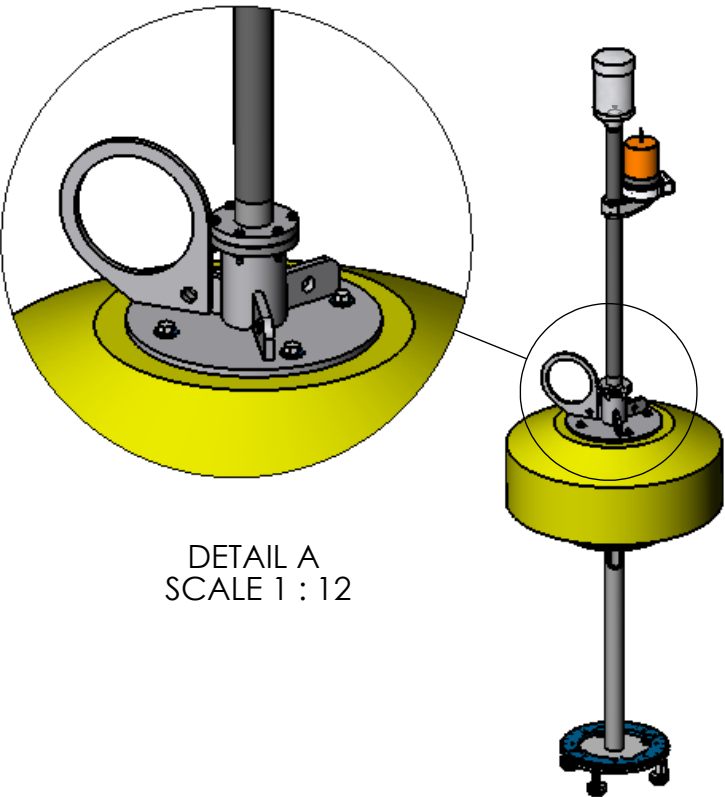
Welded Assembly #2



a: LOBO float retainer (per 124jaha.dwg)



DETAIL B
SCALE 1 : 5



DETAIL A
SCALE 1 : 12

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)	1/16" hard gasket material
2	1		SeaMast Flange (Frame)	5/8" Al sheet 6061
1	1		SeaMast Riser	4" OD 1/4" wall Al tube 6061 (e.g., McMaster Carr 9056K513)
Item No.	Qty	Part No.	Description	Material Specification

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 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				MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 		
Engineer						CHECKED						
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	701144					
						PROJECT	NSF: LOBO					

