

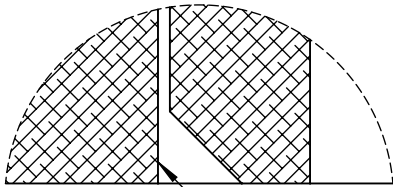
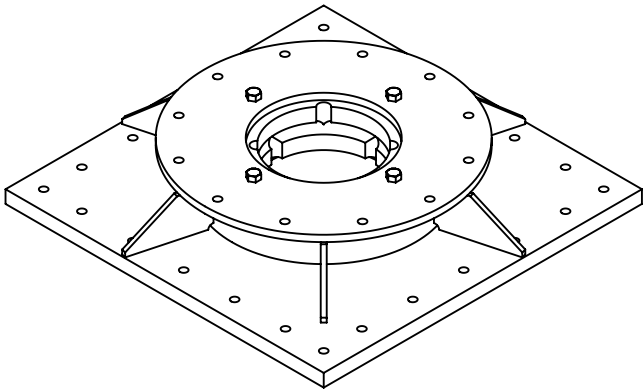
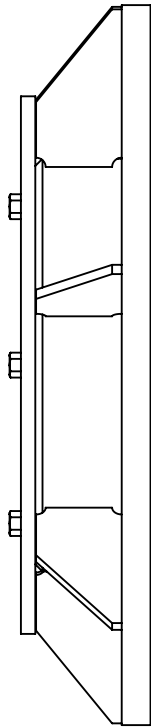
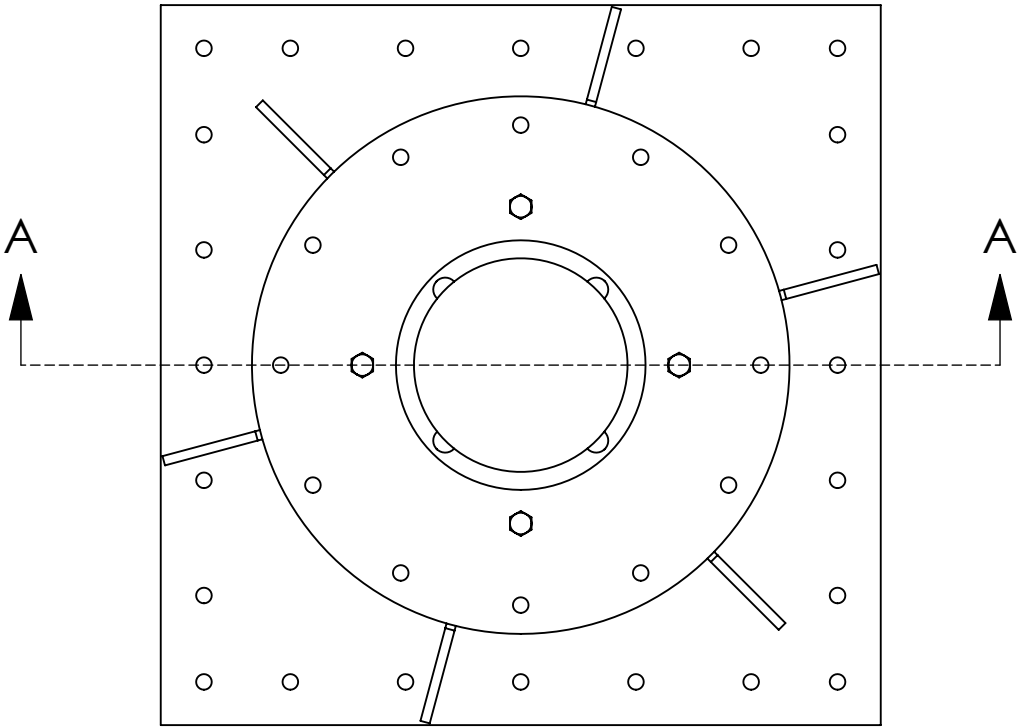
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REVISIONS

INITIAL RELEASE

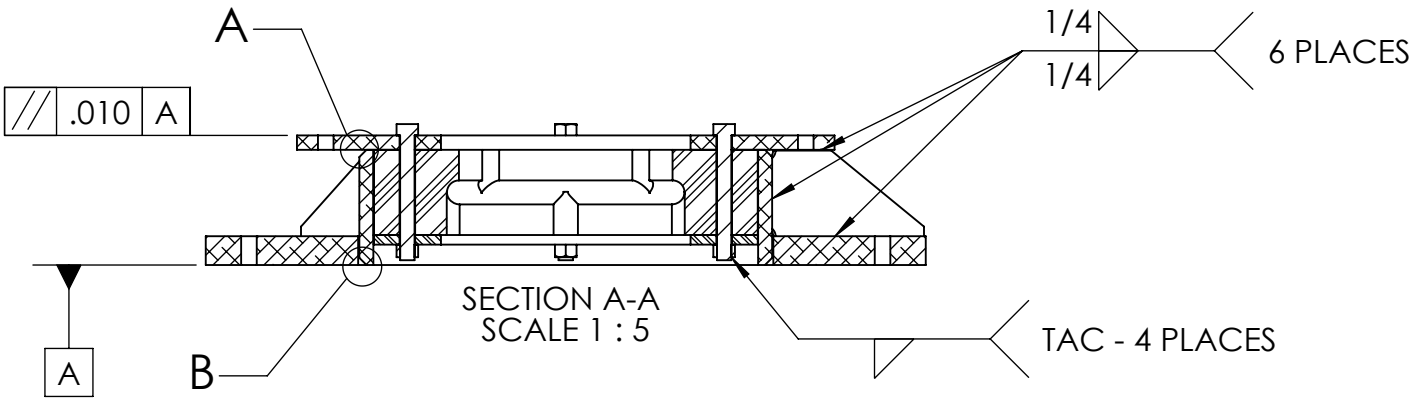
X/XX/01

J.E.

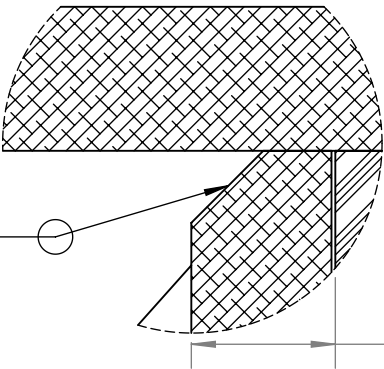


DETAIL B
SCALE 2 : 1

3/8
G



TAC - 4 PLACES



DETAIL A
SCALE 2 : 1

9. STAKE NUTS ON ASSMEBLY.

8. AFTER WELDING: Finish: HARD BLACK ANODIZE IN ACCORDANCE WITH MIL-A-8625F Type III (.001 THICK)

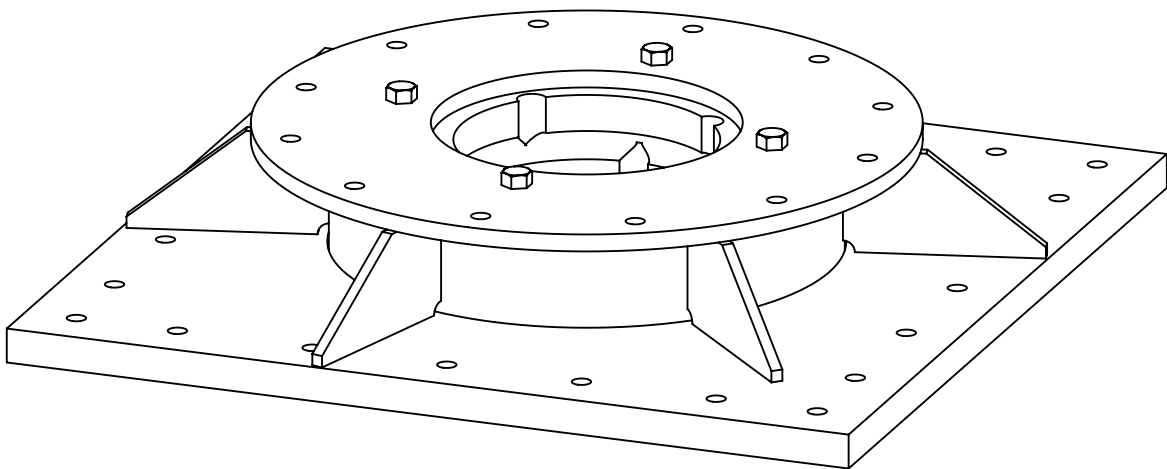
7. PROJECT LIBRARY:\300058_DMO_Western-Flyer\HydraphonePole\HydraphonePole_NEW\MidAssem

NOTES: (CONT. FROM TITLE BLOCK)

8	4		3/8-16 UNC-2B NUT		McMASTER-CARR	316 S.S.
7	4	3/8-16 UNC-2A x 3-1/4	HEX HD CAP SCREW		McMASTER-CARR	316 S.S.
6	6	P-201447-12	Mid Gusset Plate		MBARI	Aluminum 6061-T6
5	1	P-201448-12	Bushing Retaining Plate (#14)		MBARI	304 SS
4	1	P-201444-12	Bushing Guide NEW		MBARI	DELFIN
3	1	P-201446-12	Mid Assem Top Mount Flange		MBARI	Aluminum 6061-T6
2	1	P-201445-12	Mid Assem. - Mounting Flange		MBARI	Aluminum 6061-T6
1	1	P-201429-12	Mid Assem Guide Tube		MBARI	Aluminum 6061-T6
ITEM NO.	Higher assembly/QTY.	Part Number	DESCRIPTION	Revision	Vendor	MATERIAL

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	J. ERICKSON	10/16/12		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	J. ERICKSON	10/16/12					
Engineer						CHECKED							
NEXT ASSY Description	NEXT ASSY Number					PROJECT NO.	300058			PROJECT NAME Mid Bushing Assembly / Weldment			
						PROJECT	DMO W.F.						
Application		DO NOT SCALE DRAWING				WEIGHT	36.720 - none	SCALE	1:8	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 2		



- | | | | | | | |
|----------|----------------------|-----------------------|-------------------------------|----------|---------------|------------------|
| 8 | 4 | | 3/8-16 UNC-2B NUT | | McMASTER-CARR | 316 S.S. |
| 7 | 4 | 3/8-16 UNC-2A x 3-1/4 | HEX HD CAP SCREW | | McMASTER-CARR | 316 S.S. |
| 6 | 6 | P-201447-12 | Mid Gusset Plate | | MBARI | Aluminum 6061-T6 |
| 5 | 1 | P-201448-12 | Bushing Retaining Plate (#14) | | MBARI | 304 SS |
| 4 | 1 | P-201444-12 | Bushing Guide NEW | | MBARI | DELFIN |
| 3 | 1 | P-201446-12 | Mid Assem Top Mount Flange | | MBARI | Aluminum 6061-T6 |
| 2 | 1 | P-201445-12 | Mid Assem. - Mounting Flange | | MBARI | Aluminum 6061-T6 |
| 1 | 1 | P-201429-12 | Mid Assem Guide Tube | | MBARI | Aluminum 6061-T6 |
| ITEM NO. | Higher assembly/QTY. | Part Number | DESCRIPTION | Revision | Vendor | MATERIAL |

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

PROJECT NAME			
Mid Bushing Assembly / Weldment			
SIZE B	DWG. NO. A-201449-12.DWG		REV.
SCALE 1:8	CAD FILE: MECH ENG ON TORNADO		SHEET 2 OF 2