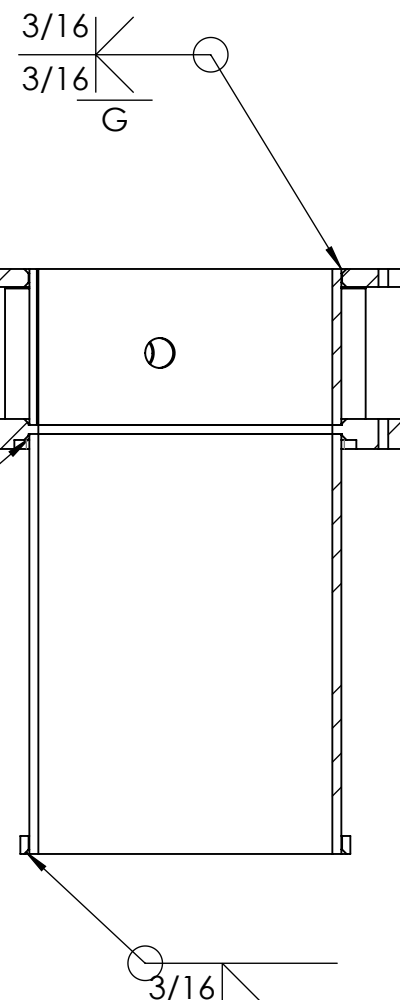
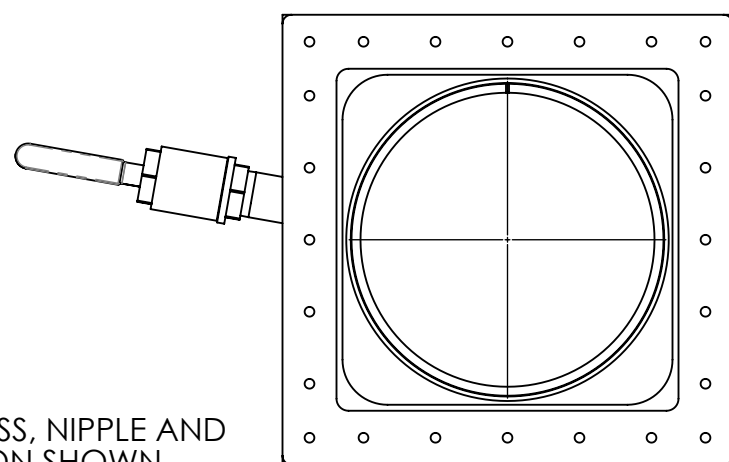
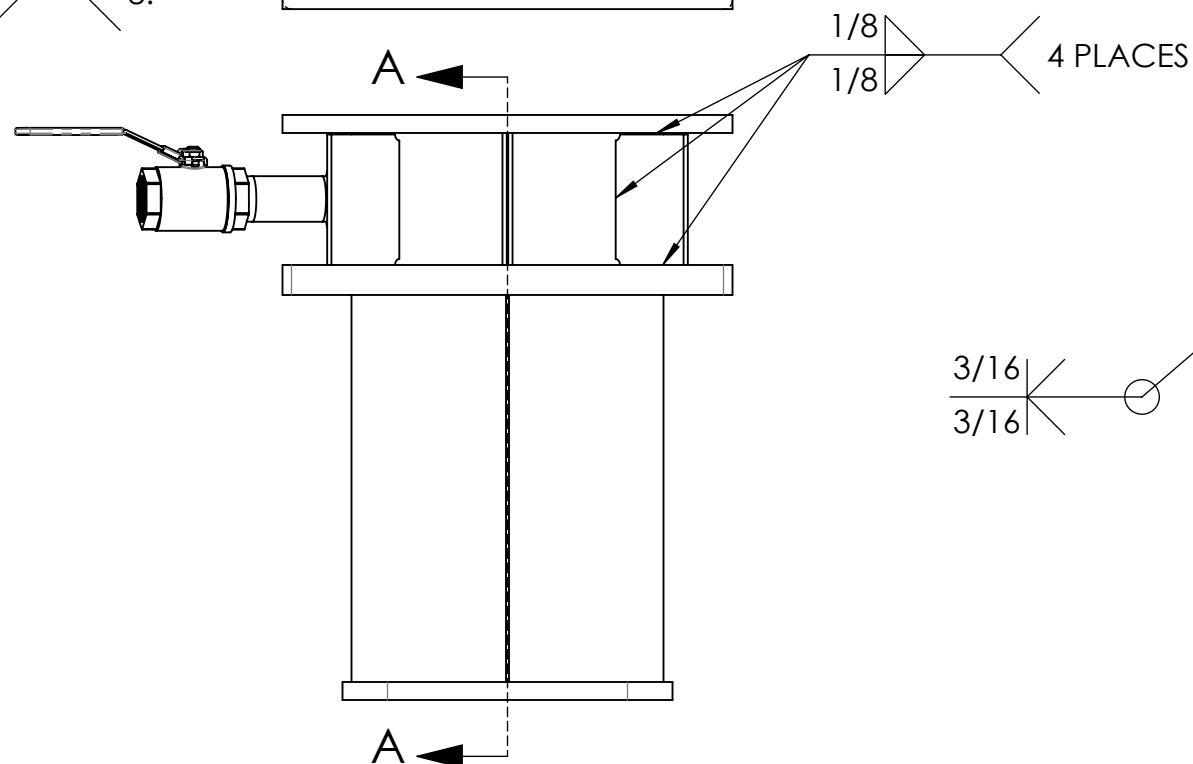
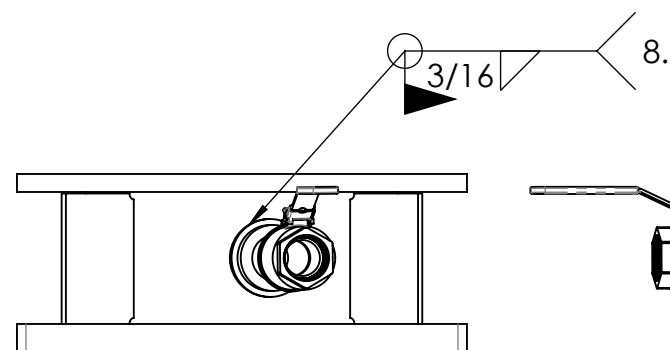
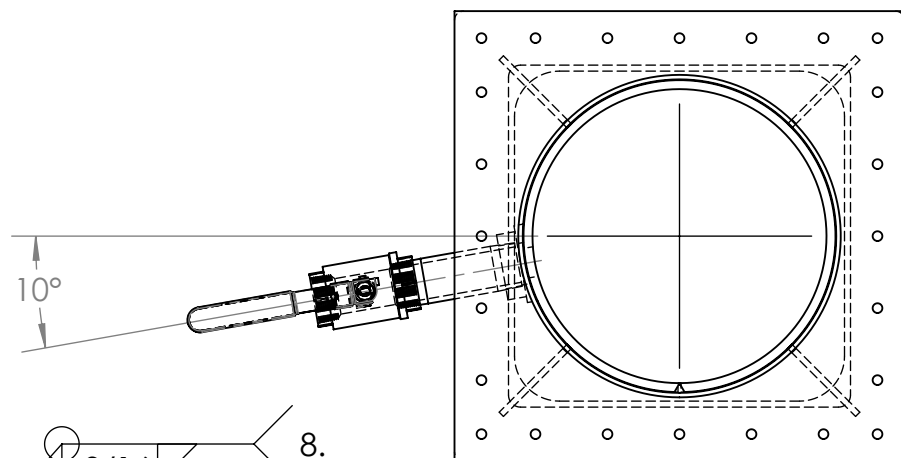


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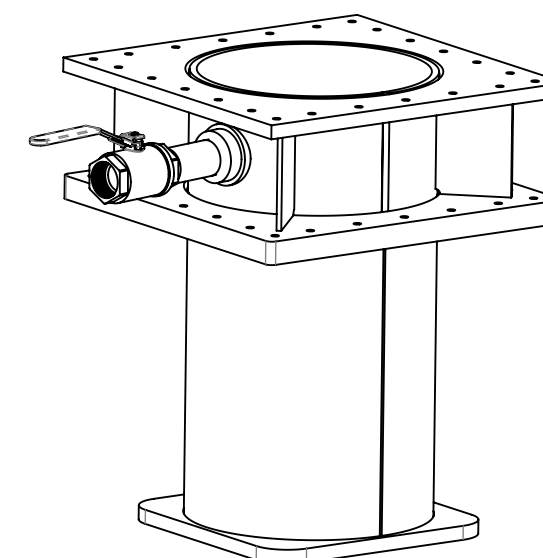
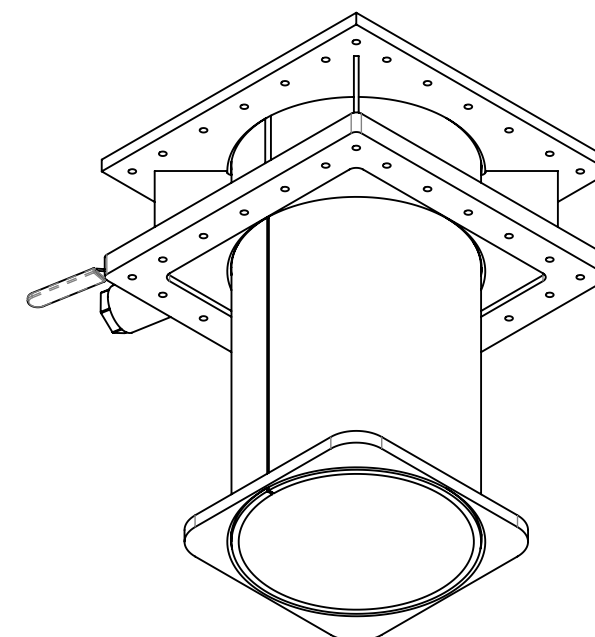
REVISIONS

INITIAL RELEASE

X/XX/01	J.E.
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SECTION A-A



8. FIELD WELD PRE-ASSEMBLED BOSS, NIPPLE AND VALVE ASSEMBLY IN ORIENTATION SHOWN.

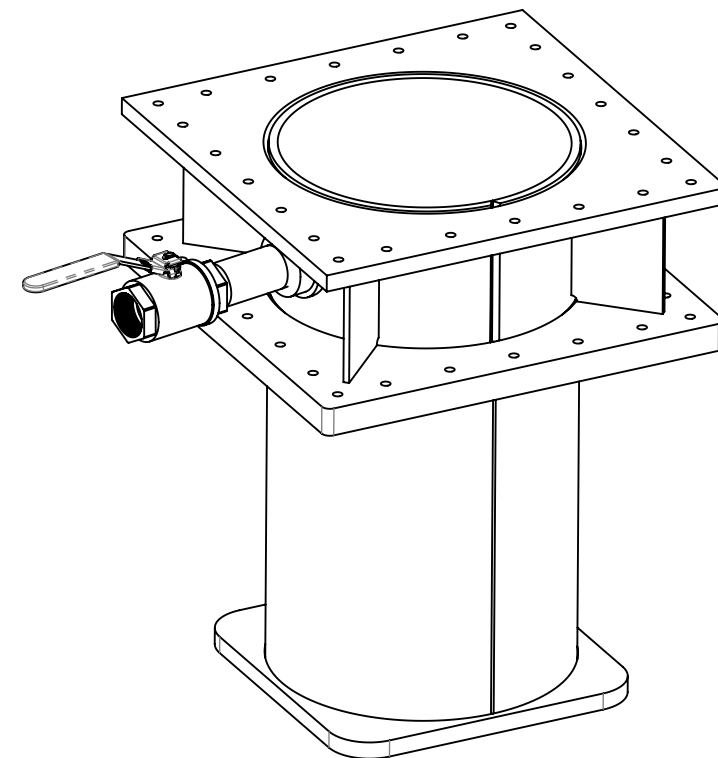
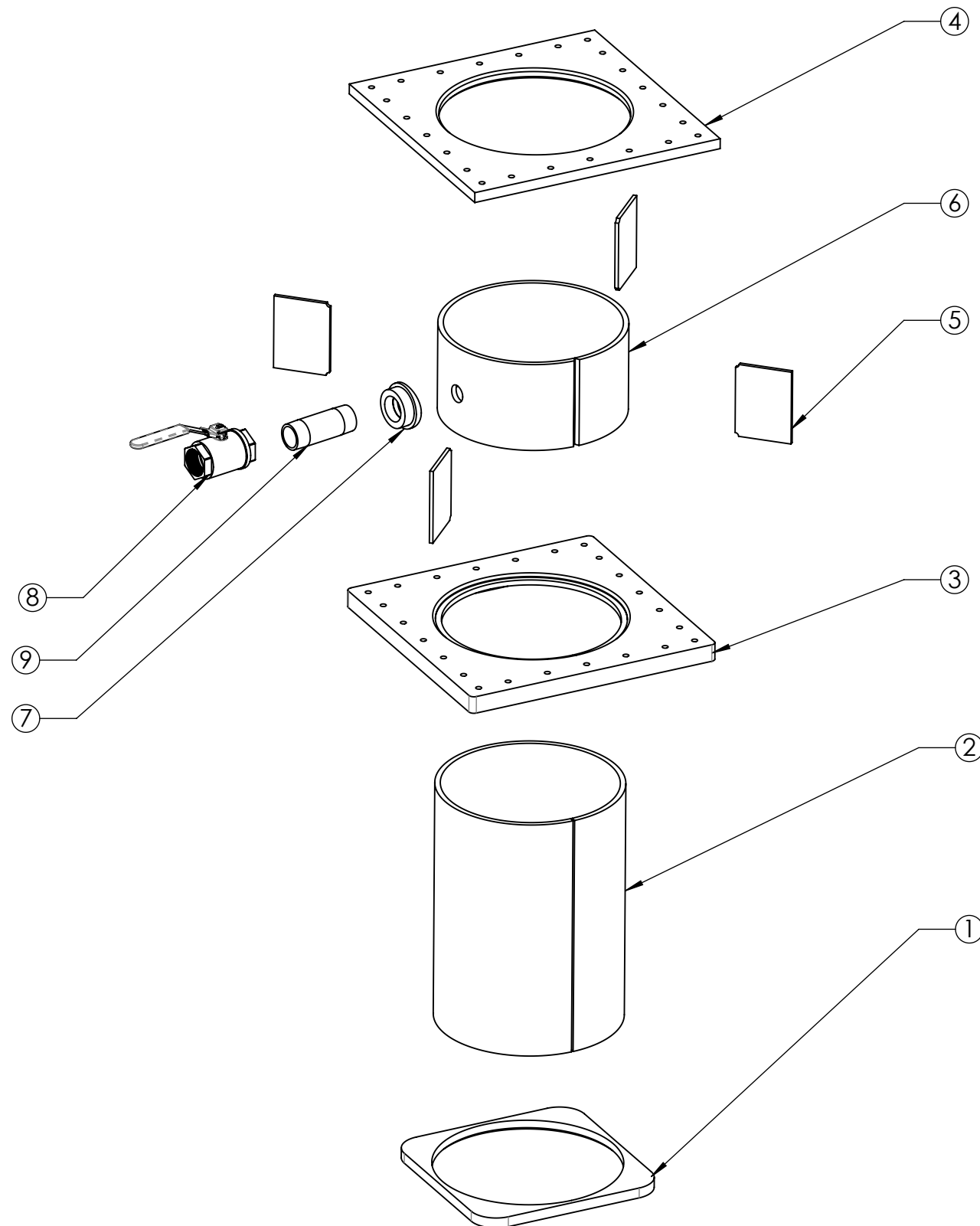
7. PROJECT LIBRARY:\300058_DMO_Western-Flyer\
HydraphonePole\HydraphonePole_NEW\LowerAssem

NOTES: (CONT. FROM TITLE BLOCK)

ITEM NO.	QTY.	PART NO.	DESCRIPTION	VENDOR	MATERIAL SPECIFICATION
BILL OF MATERIALS					
Shop / Q.C.		UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:		Monterey Bay Aquarium Research Institute 	
Inspector		1 PLACE DIM ±1/16	2 PLACE DIM ±.02	3 PLACE DIM ±.005	ANGLES ±1°
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.			
Engineer		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.			
NEXT ASSY Description	NEXT ASSY Number				
Application		DO NOT SCALE DRAWING		APPROVALS DATE DRAWN J. ERICKSON 10/16/12 ENGINEER J. ERICKSON 10/16/12 CHECKED PROJECT NO. 300058 PROJECT DMO W.F. WEIGHT 85.246	MBARI 7700 Sandholdt RD. Moss Landing, CA 95039 PH: (831) 775-1700 W.F. Hydrophone Pole Lower Guide Tube Weldment Assembly V SCALE 1:8 CAD FILE: MECH ENG ON TORNADO SHEET 1 OF 2 SIZE B DWG. NO. A-201752-15.DWG REV.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF MBARI ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF MBARI IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE	X/XX/00	J.E.



9	1	xxxxx	1-1/2 Schd 80 Pipe			AISI 316
8	1	96495K25	316 S.S. Ball Valve 1-1/2" Pipe Size		McMaster-Carr	AISI 316
7	1	P-201757-15	Valve Weldment Boss	A	MBARI	5083-(H116)
6	1	P-201758-15	Mid Rolled Plate Valve Ring_V7	A	MBARI	5083-(H116)
5	4	P-201756-15	Gusset Plate	A	MBARI	5083-(H116)
4	1	P-201754-15	Lower Assem. - Mounting Flange_V7	A	MBARI	5083-(H116)
3	1	P-201755-15	Hull Main Mounting Flange Plate	A	MBARI	5083-(H116)
2	1	P-201753-15	Bott. Rolled Plate Ring - MnGuideTube_V7	A	MBARI	5083-(H116)
1	1	P-201438-12	Hull Matching Bottom Ring - MnGuideTube	A	MBARI	5083-(H116)
ITEM NO.	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.	30058		W.F. Hydrophone Pole					
						PROJECT	DMO W.F.		Lower Guide Tube Weldment Assembly					
Application		DO NOT SCALE DRAWING				WEIGHT	85.246 lb.		SIZE B	DWG. NO.	A-201752-15.DWG			REV.
								SCALE	1:8	CAD FILE: MECH ENG ON TORNADO	SHEET	2 OF 2		

7. PROJECT LIBRARY:\300058_DMO_Western-Flyer\HydraphonePole\HydraphonePole_NEW\LowerAssem
NOTES: (CONT. FROM TITLE BLOCK)