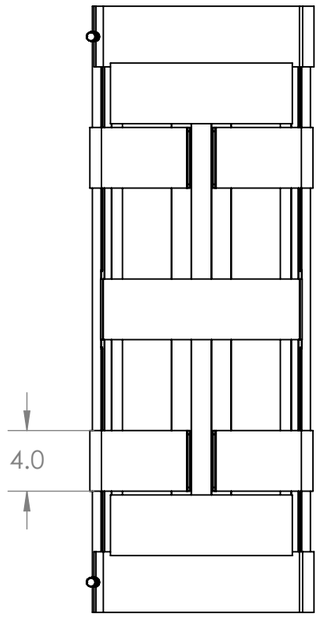
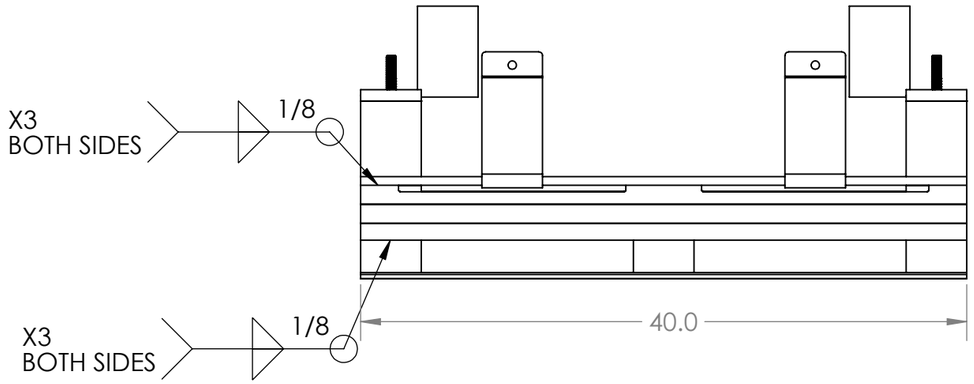
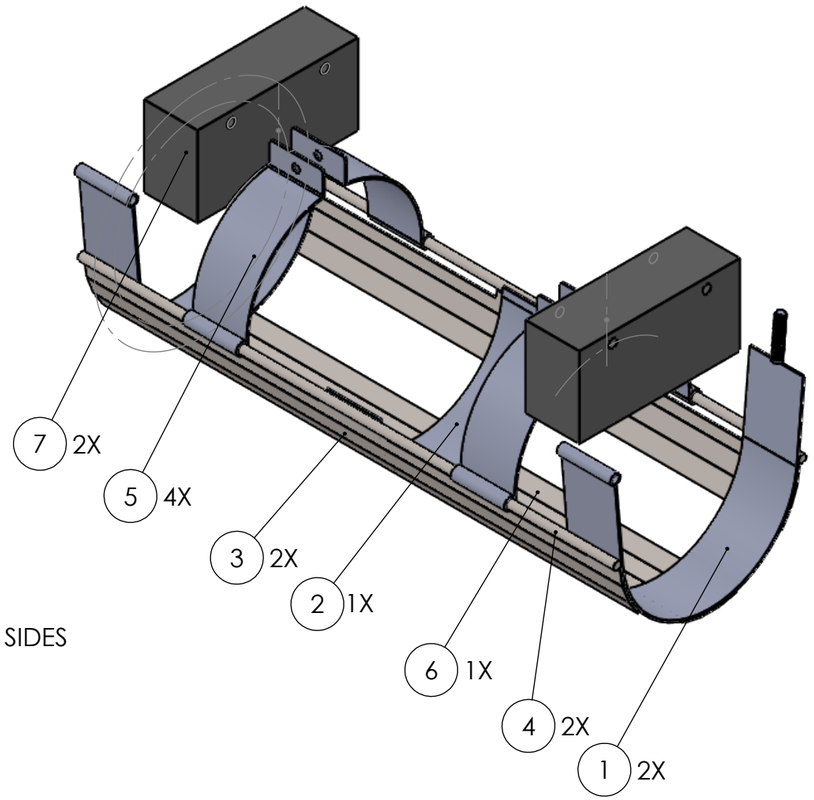
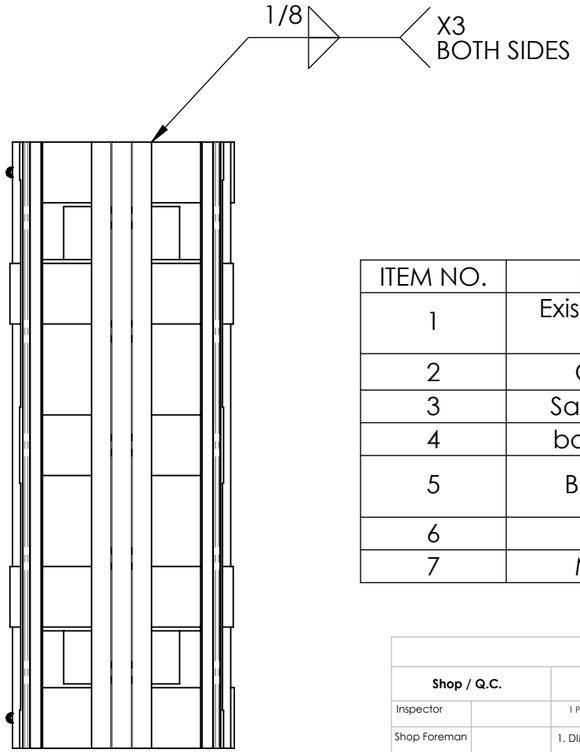
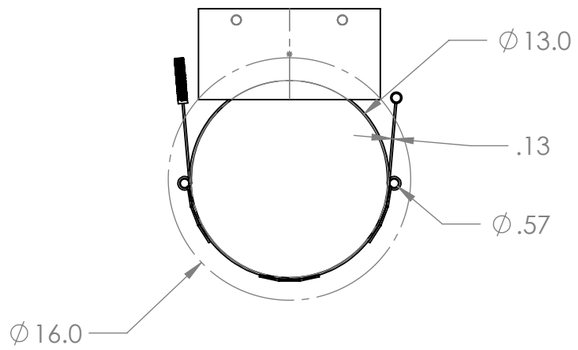
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	INITIAL RELEASE		











ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Existing SaddleMARS Node	AS Built 16" Dia. Saddles (Need to be modified to 13" Dia.)	2
2	CenterBand_Ti	.119" Grade 2 Sheet	1
3	SaddleLinks_sloted	.119" Grade 2 Sheet	2
4	bars4slide_mounts	.57" Grade 2 Bar Stock	2
5	BarClampE_can	.119" Grade 2 Sheet Formed and Weld .625" Tube	4
6	BaseLink	.119" Grade 2 Sheet	1
7	MARS_Saddles	Delrin(Don't Make Yet!)	2

Note:
1. Material: Titanium Grade2 (I have the material) Plastic saddles are delrin
2. Quantity:1
3. Old MARS Electronics housing was ∅16" and new housing is ∅13"
4. Water Jet parts, Form (via roller and press break), and weld
5. Grade 2 Filler Rod
6. Location: X:\MARSO&M\NewNodeFrame

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 Aaron Schnittger	8/27/23
Shop Foreman		1. DIMENSIONS ARE IN INCHES				ENGINEER Aaron Schnittger	9/27/23
Engineer		2. DIMENSION LIMITS HELD AFTER PLATING.				CHECKED	
		3. REMOVE BURRS AND SHARP EDGES .015 MAX.				PROJECT NO. 701147	
NEXT ASSY Description	NEXT ASSY Number	4. MACHINED FILLET RADII .0150-.030.				PROJECT MARS O&M	
		5. MACHINED DIAMETERS ON A COMMON CENTERLINE CONCENTRIC WITHIN .OO5					
		6. PERPENDICULARITY & PARALLELISM OF MACHINED SURFACES .002 PER INCH, MAX .012 INCHES FOR SINGLE SURFACE.					
Application		DO NOT SCALE DRAWING				WEIGHT	

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

ElecCanMARS_Node_Weld

SIZE	DWG. NO.	REV.
B	100XXXDWG	

SCALE	1:10	CAD FILE: MECH ENG ON TORNADO	SHEET 1 OF 1