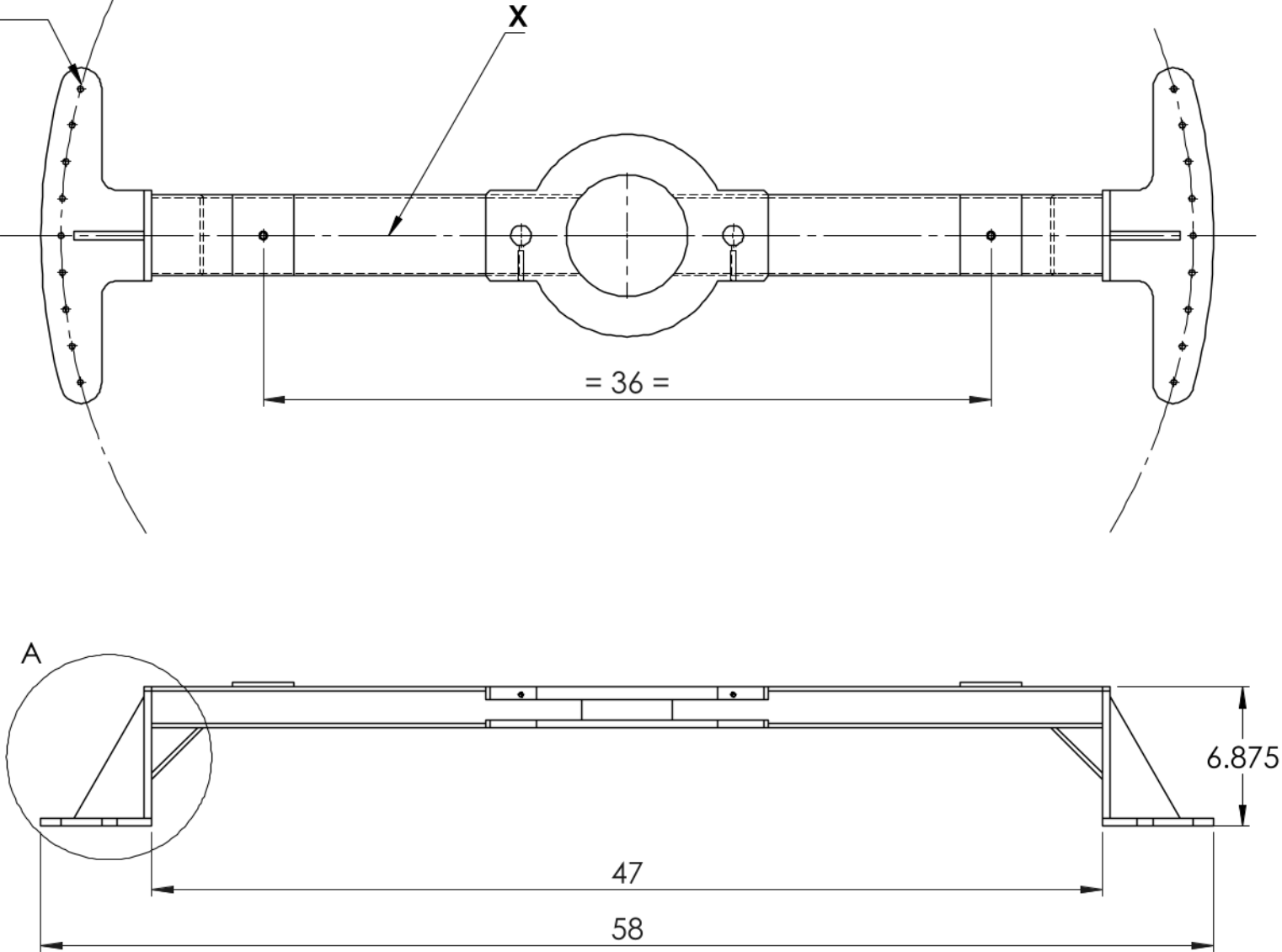
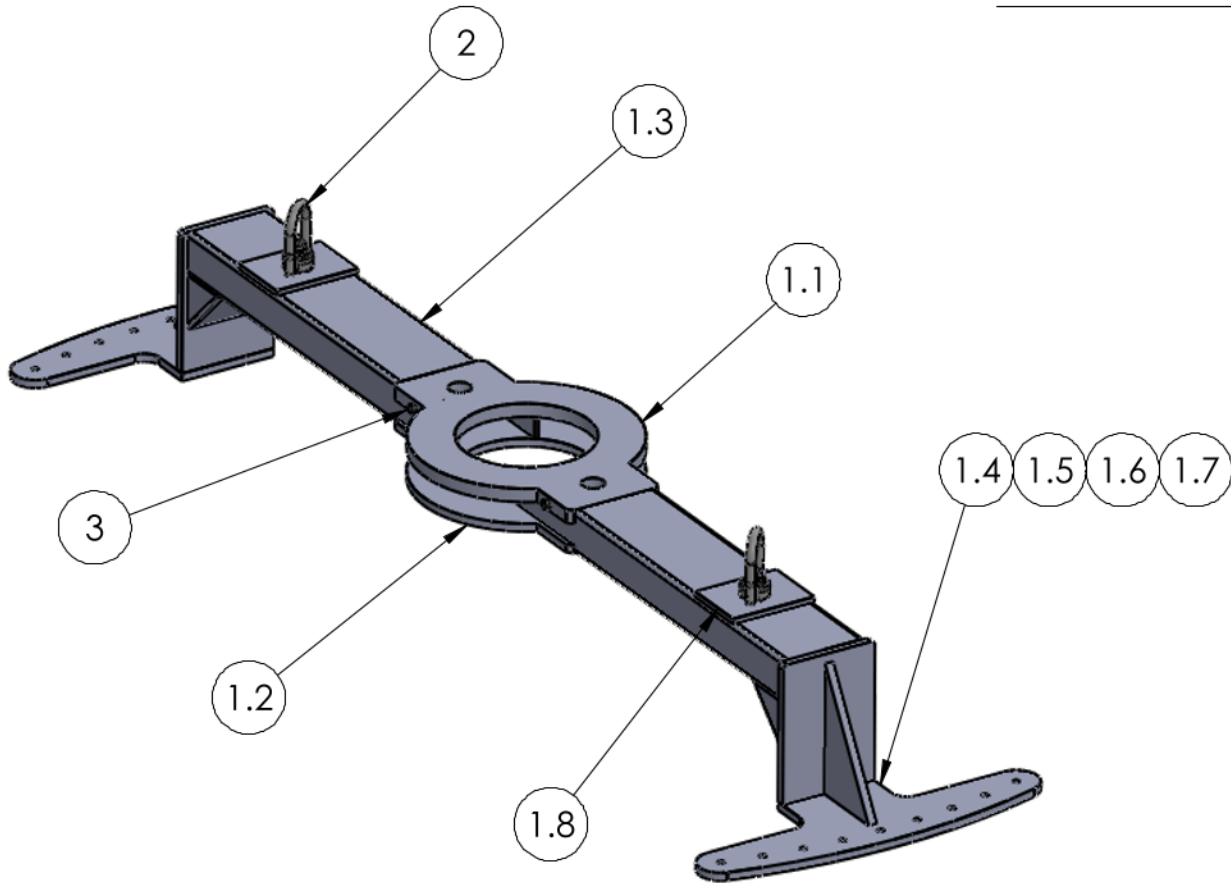


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1		Sweeny Anti-torque Plate	1
2	MC-2994T63	Forged Steel Hoist Ring (1,000lb S.W.L.)	2
3	MC-90044A124	Black-Oxide Alloy Steel Socket Head Screw	2

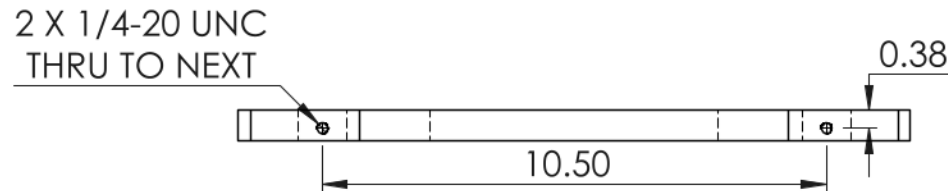
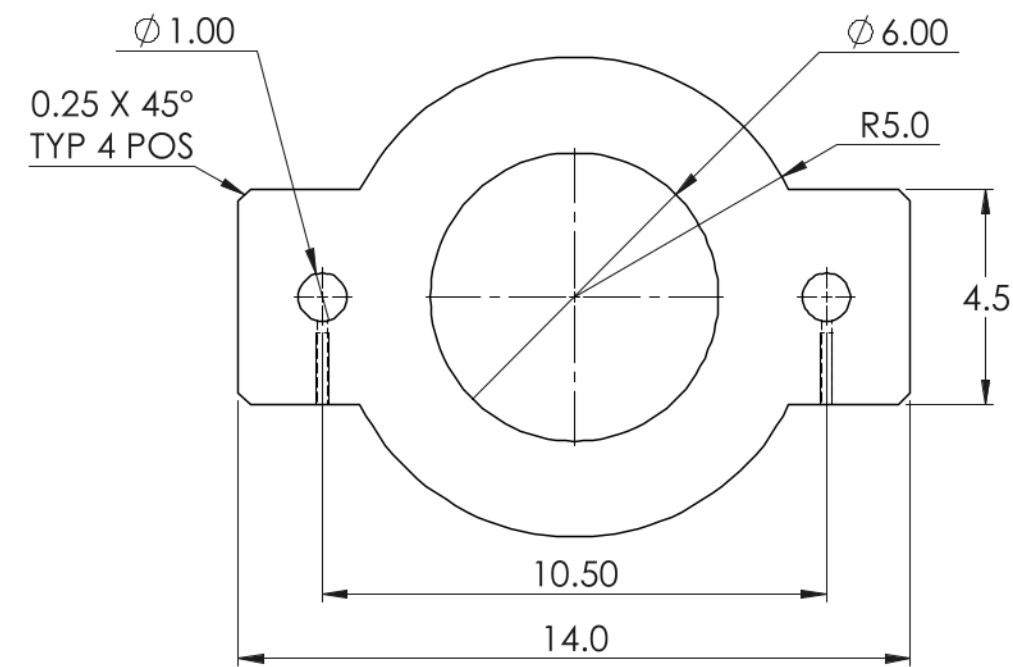
18 X Ø0.28 THRU
3.75° SEPERATION
ON 56.00 BCD
**TO BE COMPLETED AFTER
ASSEMBLY TO ENSURE
CONSISTNANT BCD
BETWEEN FLANGES**

REVISIONS			
REV	DESCRIPTION	APPROVED	DATE
B	NOTES CHANGED TO REFLECT WEIGHT AND TORQUE REQUIREMENTS SPECIFIED FOR ENGINEERING LOAD CERTIFICATION		
C	ITEM 1.8 ADDED, MATERIAL ADJUSTMENT ON ITEMS 1.3, 1.5, & 1.7, AND WELD SPECIFICATIONS HAVE BEEN REVISED, TO IMRPOVE MAX LOAD CHARACTERISTICS		

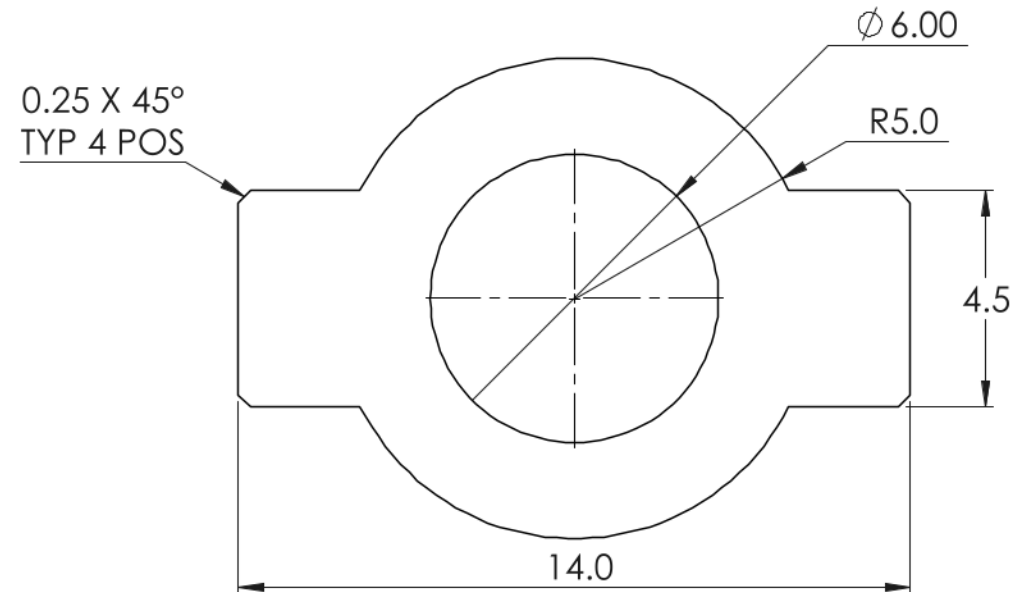


- NOTES:**
1. ASSY. DESIGNED FOR VERTICAL LIFT OF 1,200 LBS OR APPLIED TORQUE OF 400 FT-LB. LOAD RATINGS ARE TO BE CLEARLY MARKED ON THE UNIT (SEE NOTE 3)
 2. LIFTING TO BE DONE USING SPREADER BAR OR 2-PART SLING ARRANGEMENT CONNECTED TO SWIVEL LIFT RINGS. MIN. 60° SLING LEG ANGLE AS MEASURED FROM HORIZONTAL. LIFTED LOAD TO BE CONNECTED ONLY TO LOWER FLANGE PLATES. TORQUE ONLY TO BE APPLIED THRU HOLES AT SWEENY LOCATING PLATE FINISH: SAFETY YELLOW ENAMEL PAINT
 3. STENCIL IN RED "S.W.L. 1,200 LBS" & "MAX APPLIED TORQUE 400FT-LB" AT LOCATION INDICATED BY **X**
 4. FOLLOWING FABRICATION: ASSY. TO UNDERGO VISUAL AND MAGNETIC PARTICLE EXAMINATION, LOAD TESTED TO 150% OF CAPACITY FOR THE VERTICAL LIFT LOAD CASE, AND RE-EXAMINED
 5. MC-#: MCMaster CARR OR EQUIVALENT

	DRAWN BY C. MCNEILL	DATE 01/27/23	TITLE LM2500 SWEENEY ANTI-TORQUE PLATE
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:: DIMENSIONS X.X± 0.05 X.XX± 0.01 X.XXX± 0.005 ANGLES ±2		

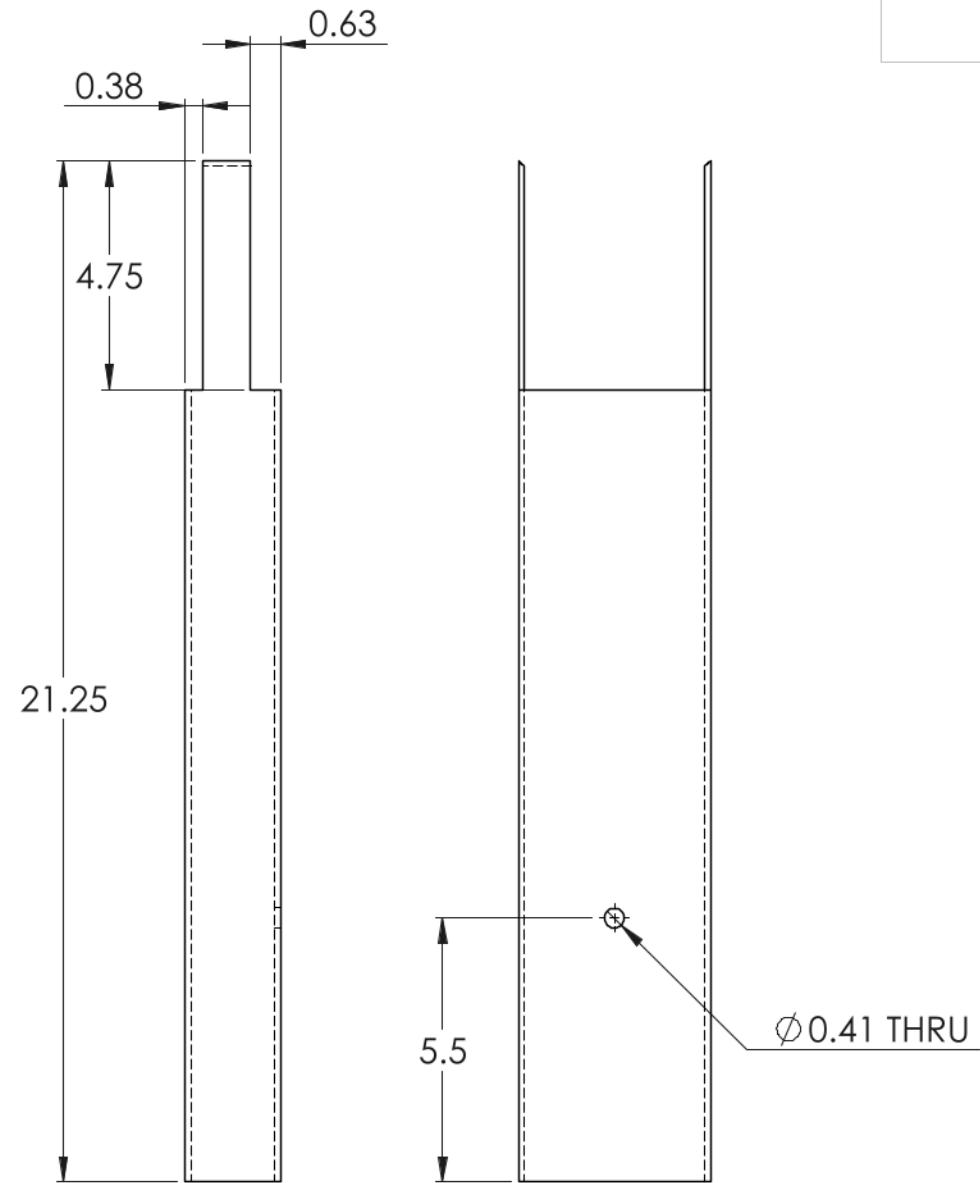


ITEM 1: SWEENY LOCATING PLATE



ITEM 2: SPLINE LOCATING PLATE

- NOTES:**
- REMOVE ALL BURRS AND SHARP EDGES (MAX 0.05 X 45°)
 - ALL PLATE TO BE CSA G40.21 GRADE 44W & ALL HOLLOW STRUCTURAL SECTION (HSS) IS TO BE GRADE 50W



ITEM 3: SUPPORT BEAM

REVISIONS			
REV	DESCRIPTION	APPROVED	DATE

ITEM NO.	DESC.	MATERIAL	QTY.
1.1	Sweeny Locating Plate	0.625" 44W Mild Steel Plate	1
1.2	Spline Locating Plate	0.375" 44W Mild Steel Plate	1
1.3	Support Beam	50W Mild Steel 2" x 4" Rectangular Tube, 0.125" Wall	2
1.4	Mounting Flange	0.375" 44W Mild Steel Plate	2
1.5	Flange Support	0.375" 44W Mild Steel Plate	2
1.6	Support Brace #1	0.375" 44W Mild Steel Plate	2
1.7	Support Brace # 2	50W Mild Steel 2" x 4" Rectangular Tube, 0.125" Wall	2
1.8	Hoist Ring Reinforcement Plate	0.25" 44W Mild Steel Plate	2

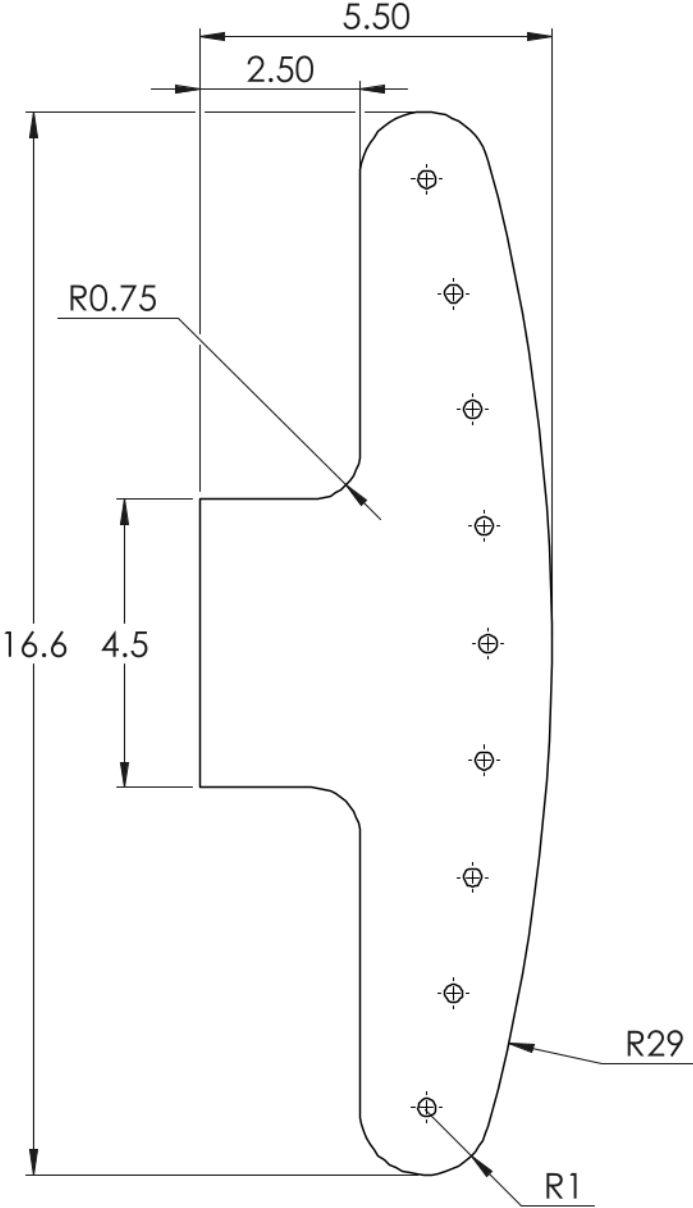
DRAWN BY
C. MCNEILL

DATE
01/27/23

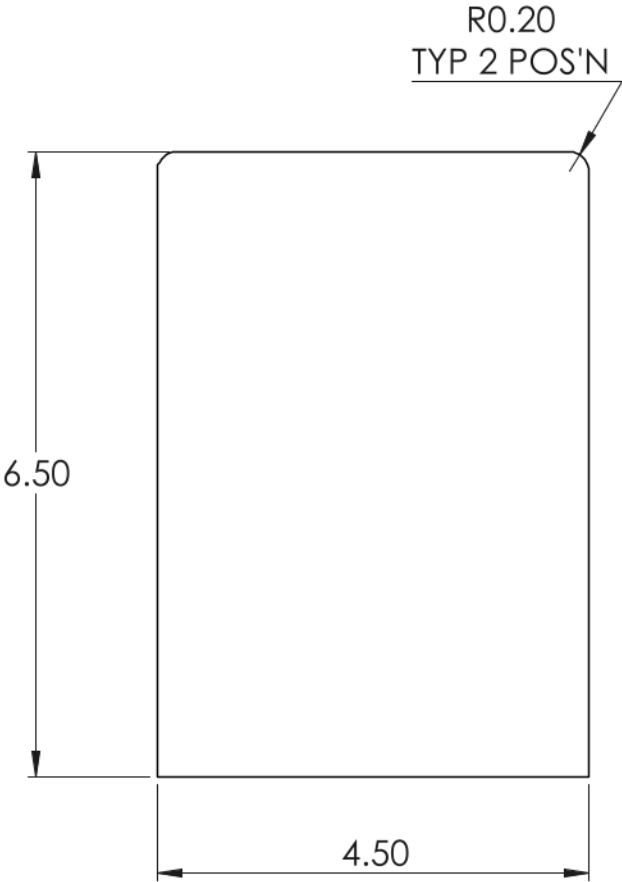
TITLE
LM2500 SWEENEY
ANTI-TORQUE PLATE

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES AND
TOLERANCES ARE:
DIMENSIONS X.X± 0.05
X.XX± 0.01
X.XXX± 0.005
ANGLES ±2

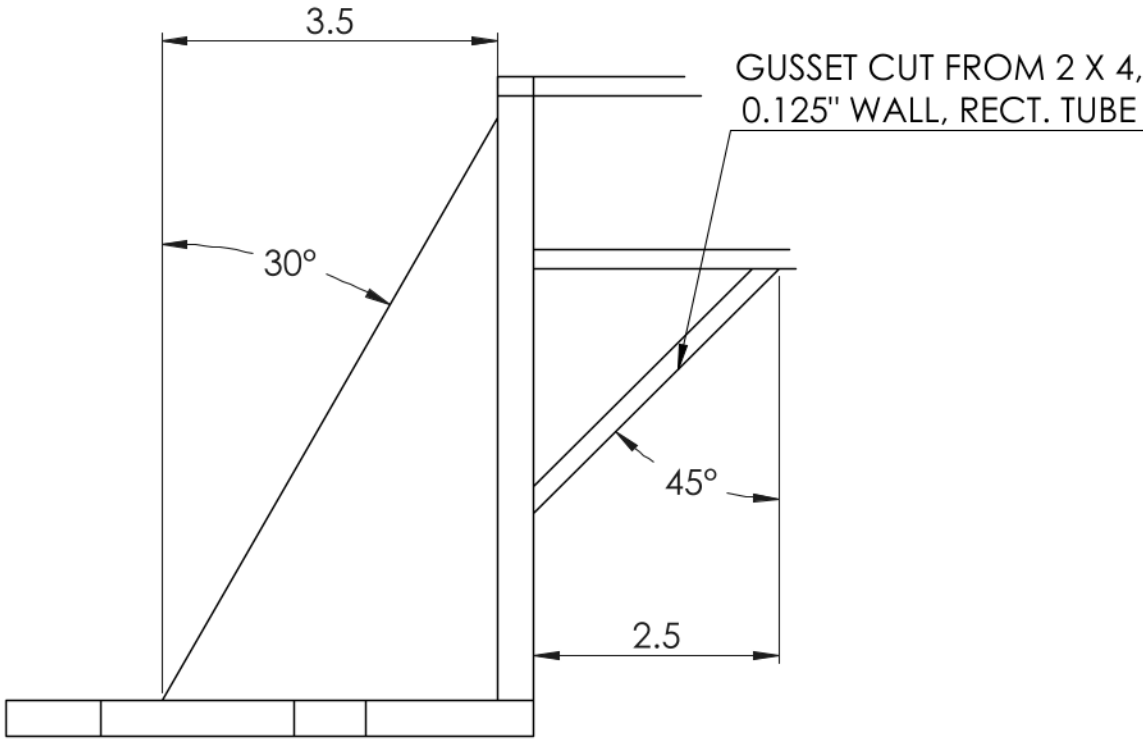
REVISIONS			
REV	DESCRIPTION	APPROVED	DATE



ITEM 4: MOUNTING FLANGE



SCALE 1 : 2
ITEM 5: FLANGE SUPPORT



DETAIL A
SCALE 1 : 2
ITEM 6 & 7: SUPPORT BRACES

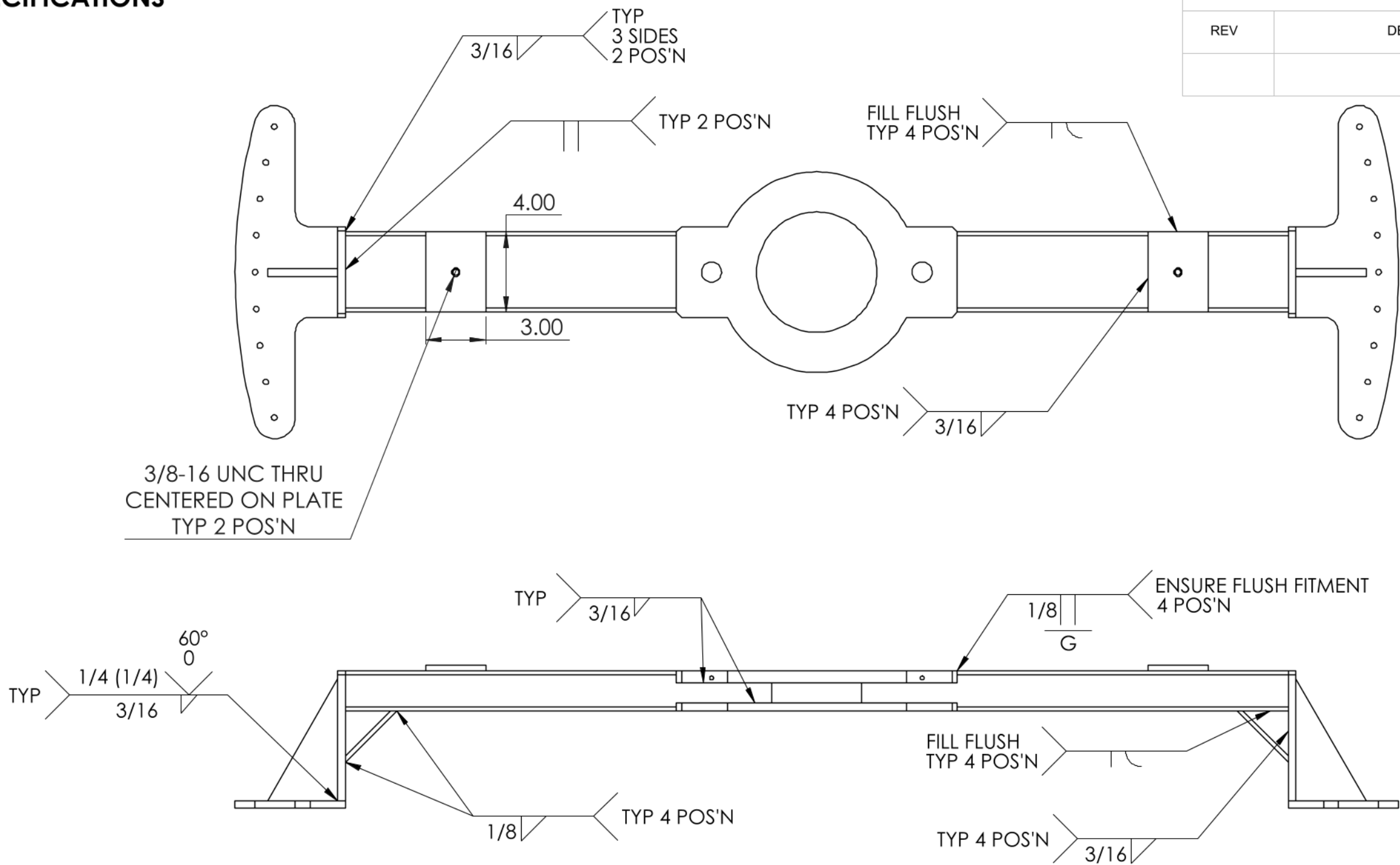
- NOTES:**
- REMOVE ALL BURRS AND SHARP EDGES (MAX 0.05 X 45°)
 - ALL PLATE TO BE CSA G40.21 GRADE 44W & ALL HOLLOW STRUCTURAL SECTION (HSS) IS TO BE GRADE 50W

DRAWN BY C. MCNEILL	DATE 01/27/23	TITLE LM2500 SWEENEY ANTI-TORQUE PLATE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:: DIMENSIONS X.X ± 0.05 X.XX ± 0.01 X.XXX ± 0.005 ANGLES ±2		

WELD SPECIFICATIONS

REVISIONS

REV	DESCRIPTION	APPROVED	DATE



- NOTES:**
- REMOVE ALL BURRS AND SHARP EDGES (MAX 0.05 X 45°)
 - ALL WELDS TO BE CARRIED OUT BY A SHOP CERTIFIED BY THE CANADIAN WELDING BUREAU AND MUST CONFORM TO CSA W59 PROCEDURES AND DATASHEETS FOR THE JOINTS AND MATERIALS

DRAWN BY C. MCNEILL	DATE 01/27/23	TITLE LM2500 SWEENEY ANTI-TORQUE PLATE
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:: DIMENSIONS X.X± 0.05 X.XX± 0.01 X.XXX± 0.005 ANGLES ±2		