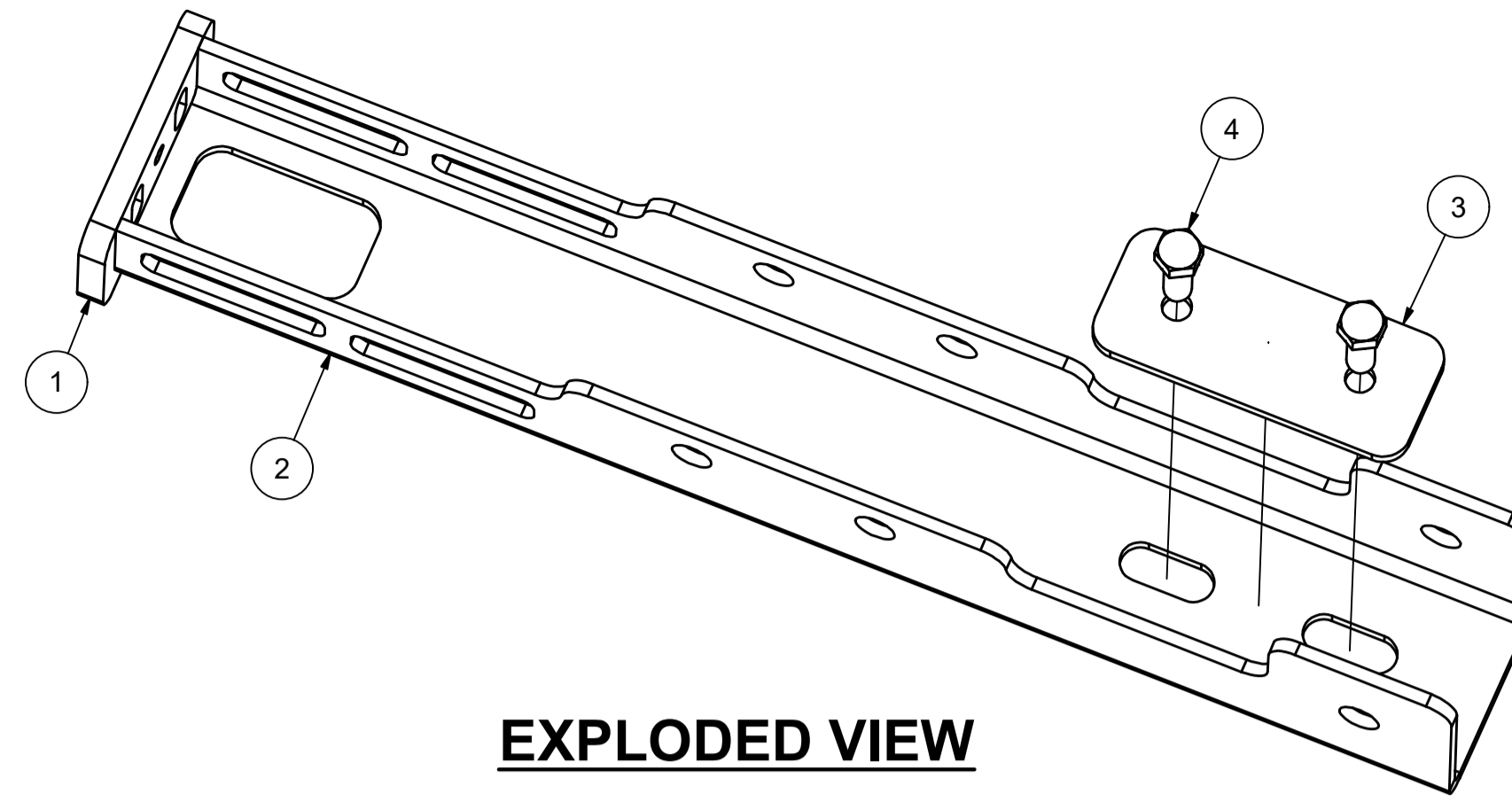
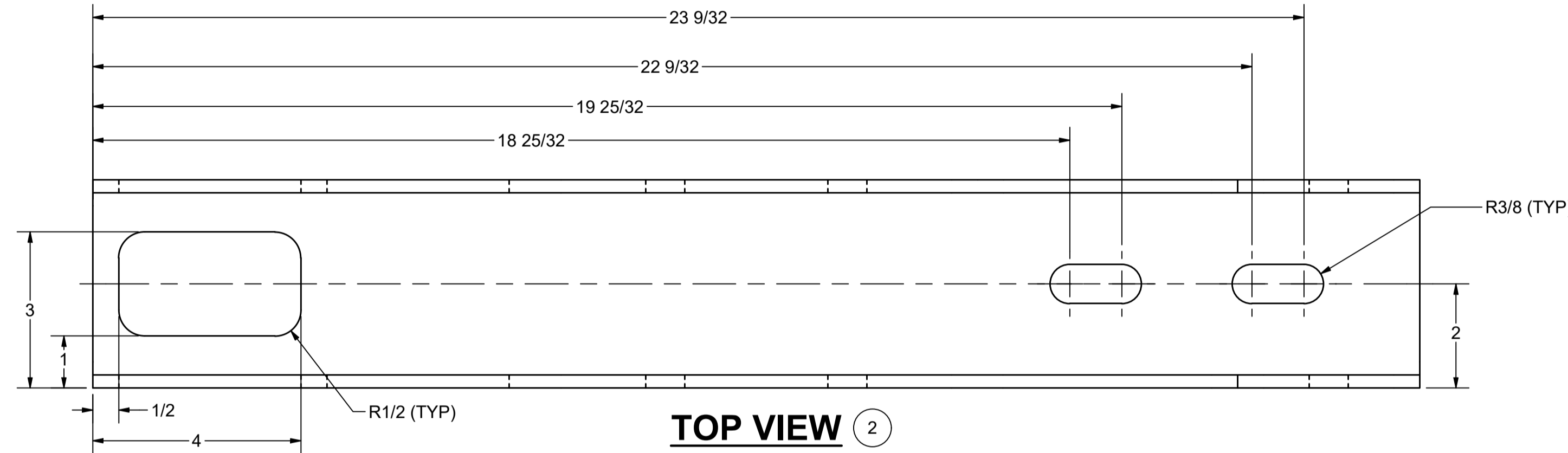


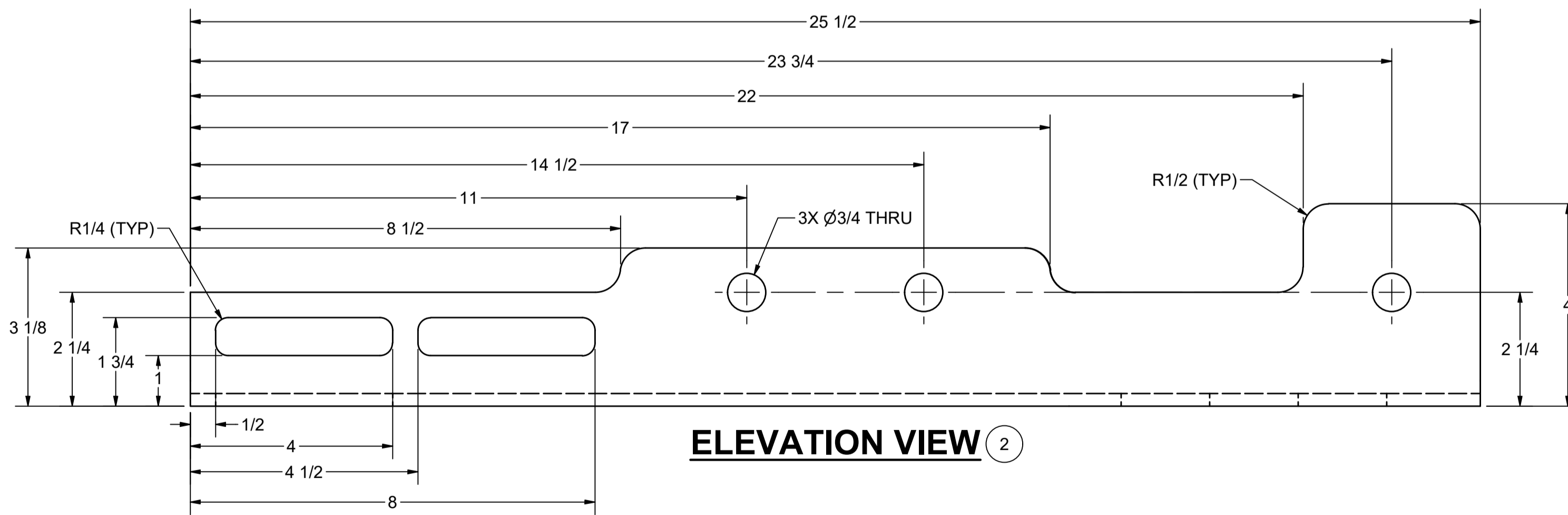
END VIEW



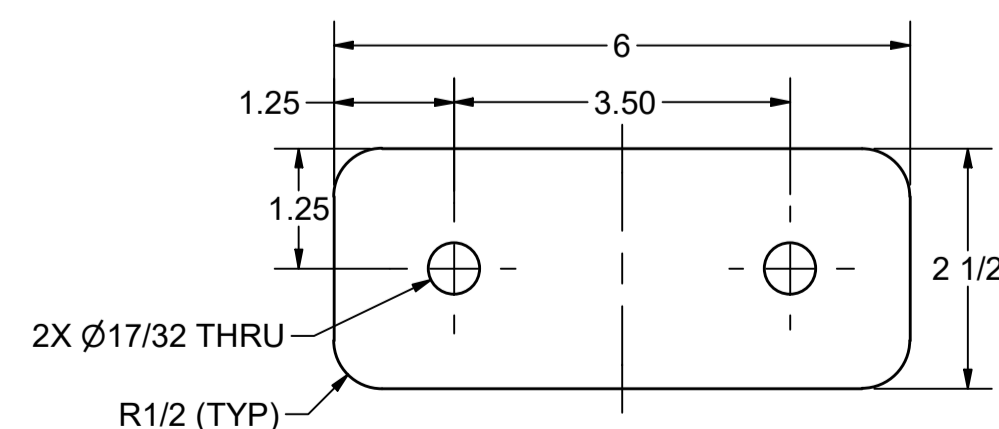
EXPLODED VIEW



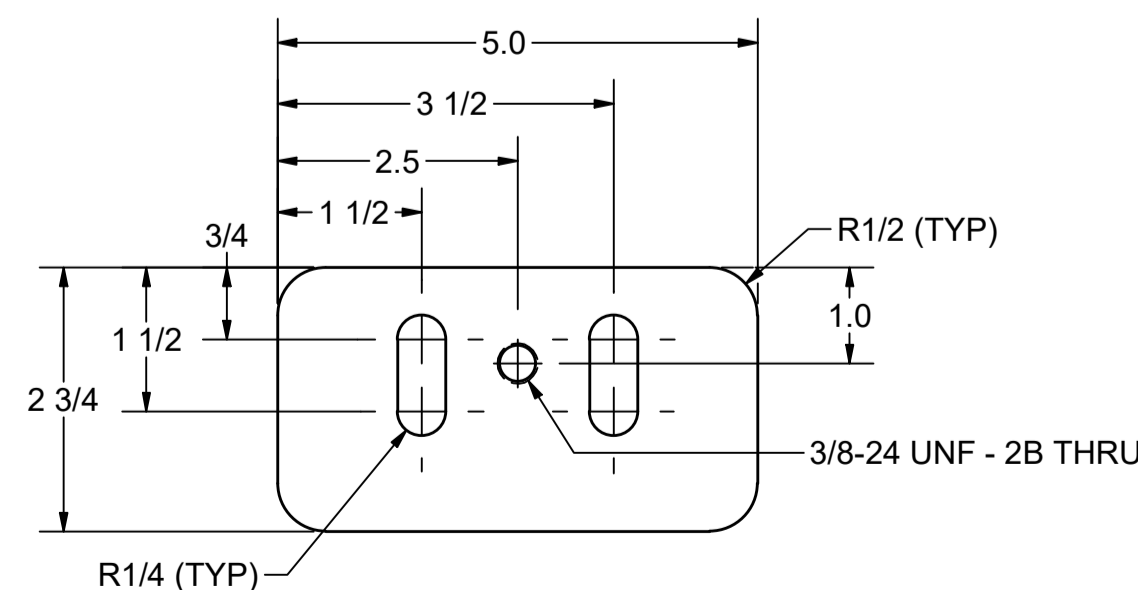
TOP VIEW (2)



ELEVATION VIEW (2)



TOP VIEW (3)



END VIEW (1)

BILL OF MATERIALS				
ITEM	QTY	DESCRIPTION	MATERIAL	SPECIFICATION
1	1	PLATE, 1/2 THICK	STEEL	ASTM A36
2	1	4X4 HSS, 1/4 THICK	STEEL	ASTM A36
3	1	PLATE, 1/4 THICK	STEEL	ASTM A36
4	2	HEX BOLT, 1/2 - 13 UNC X 1 1/2 LONG	STEEL	ASME B18.2.1 GRADE 5

NOTES:

- DIMENSIONS SHOWN THUS "()" ARE FOR REFERENCE ONLY.
- ENVIRONMENTAL IMPACTS HAVE BEEN CONSIDERED FOR DESIGN ONLY AND NO ASPECTS NEEDS TO BE ADDRESSED.
- QUANTITIES SHOWN ARE FOR ONE BRACKET ASSEMBLY.
- APPROX. WEIGHT: 17 LBS

SCOPE OF WORK:

- FABRICATE ITEMS 1 TO 3.
- SUPPLY ITEM 4.
- WELD ITEMS 1 AND 2, AS PER SPECIFICATION BELOW.

WELDING:

- ALL WELDING SHALL BE IN ACCORDANCE WITH CSA W59 AND ONLY PERFORMED BY SHOPS APPROVED BY THE CANADIAN WELDING BUREAU IN ACCORDANCE WITH CSA W47.1 DIV. 1 OR 2.
- ALL WELDS SHALL BE 100% VISUALLY INSPECTED FOR FLAWS. FLAWS SHALL BE REPAIRED BY GRINDING AND WELDING, FOLLOWED BY RE-INSPECTION.

PAINTING:

- HAND/POWER TOOL CLEANING TO SPPC SP-2/SP-3 FOLLOWED BY SOLVENT CLEANING TO SSPC SP-1.
- COAT WITH A MINIMUM OF TWO COATS, MINIMUM TOTAL THICKNESS OF 10 MILS. COLOUR SHALL BE GREY RAL 7042. CLEAN ANY OVERSPRAY AND RE-CHASE THREADED HOLES AS REQUIRED.

ACCEPTABLE PRIMERS:
 MINIMUM OF ONE COAT
 - TREMCLAD RUST PRIMER
 - RUST-OLEUM PRIMER
 - PPG MULTIPRIME 4360 PRIMER

ACCEPTABLE COATINGS SYSTEMS:
 - TREMCLAD RUST PAINT
 - RUST-OLEUM PAINTER'S TOUCH 2X
 - PPG HPC INDUSTRIAL ALKYD 4308H

REFERENCE DRAWINGS:

1-00194-DE-60060-0001 0001 PROXIMITY PROBE BRACKET INSTALLATION

THIS DRAWING CREATED USING AUTODESK INVENTOR

DRAWINGS ARE NOT TO BE SCALED FOR DIMENSIONS AND/OR SIZES. CONTRACTORS ARE RESPONSIBLE TO CONTACT DESIGNER IF THERE IS UNCERTAINTY REGARDING CRITICAL DIMENSIONS.

UNLESS OTHERWISE SPECIFIED		
DIMENSIONS ARE IN INCHES		
TOLERANCES ON:		
X DEC ± 0.030	XX DEC ± 0.015	XXX DEC ANGLES / DEG ± 0.005 ± 2
FRACTIONS ± 1/16	SURFACE FINISH 125 ✓	ALL Ø ON SAME AXIS TO BE CONCENTRIC WITHIN 0.003
THIRD ANGLE PROJECTION		BREAK ALL SHARP EDGES & CORNERS 0.030 MAX. REMOVE ALL BURRS.

00	2025-07-17	ISSUED FOR FABRICATION	PG	LHS	
REV.	DATE	DESCRIPTION	BY	CKD.	APP.
DRAWN: P. GILL		DRAWING CHECK: L. STEVENS	MANAGER:		
DESIGNED: P. GILL		DESIGN CHECK: P. SLAWINSKI	DATE: 2024-08-30		
LONG SPRUCE GENERATING STATION					
GENERATOR GUIDE BEARING PROXIMITY PROBE BRACKET FABRICATION					
DRAWING NUMBER				SHEET	REVISION
1-00194-DD-60060-0004				0001	00

SIZE: A1