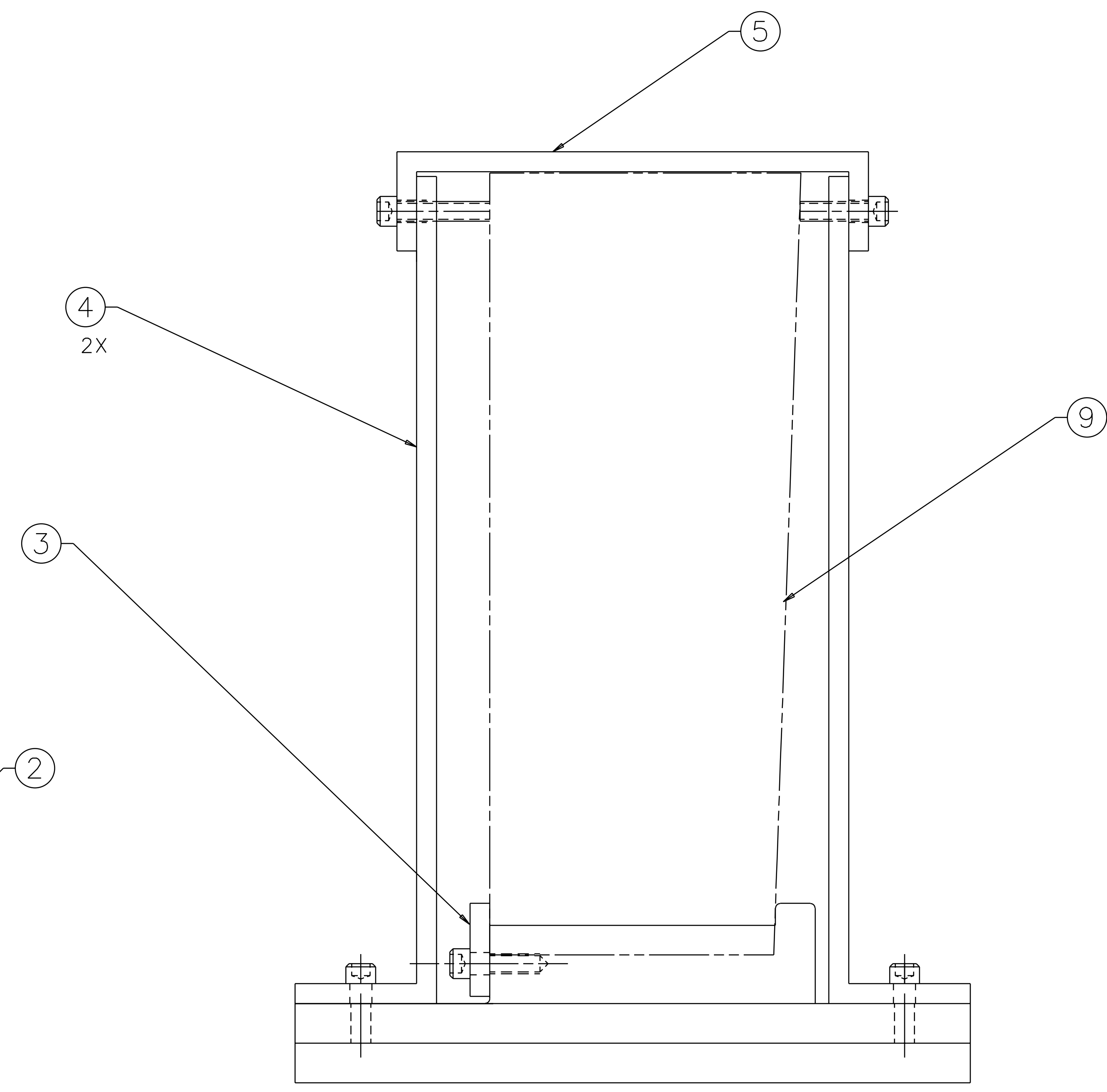
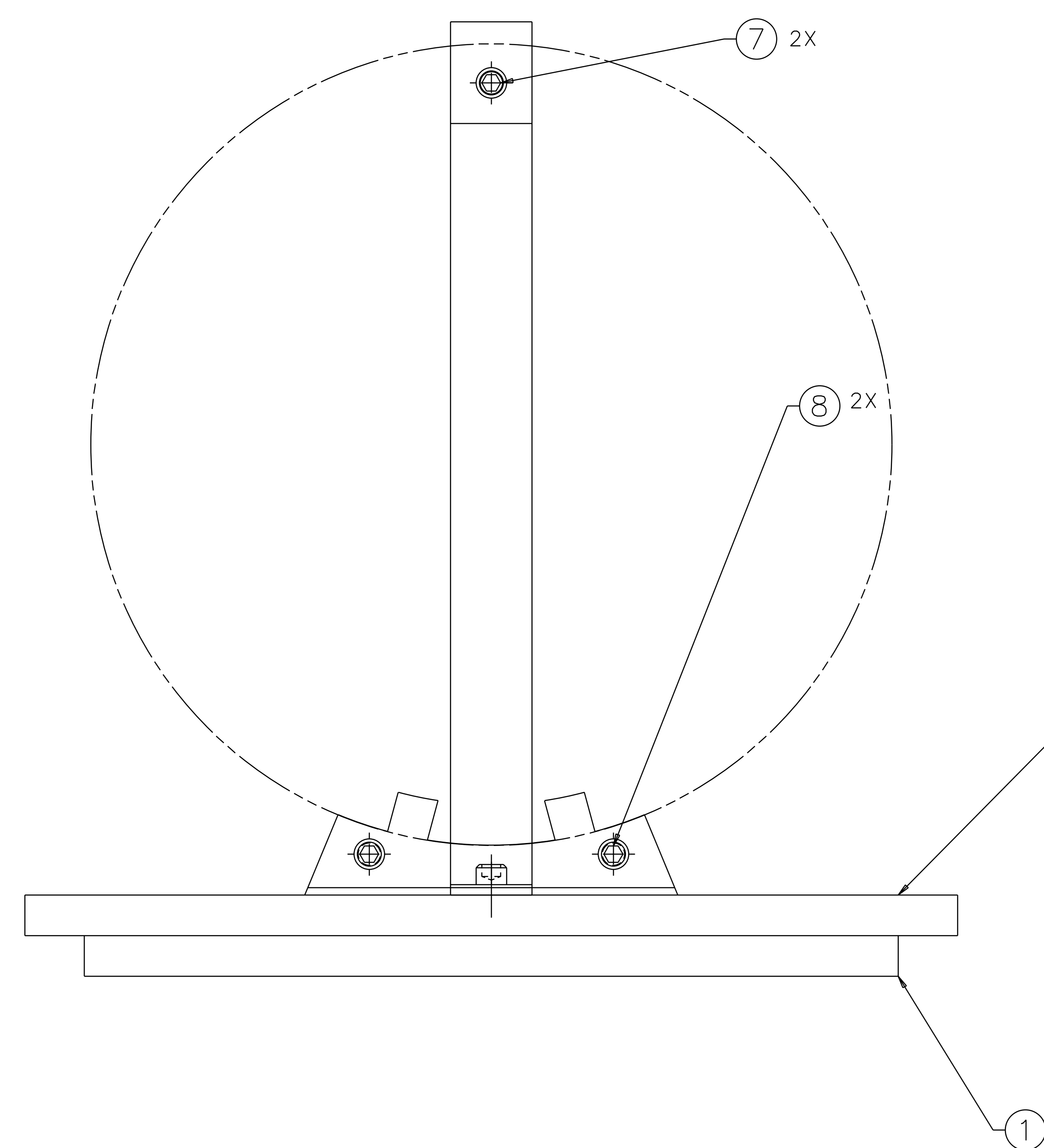
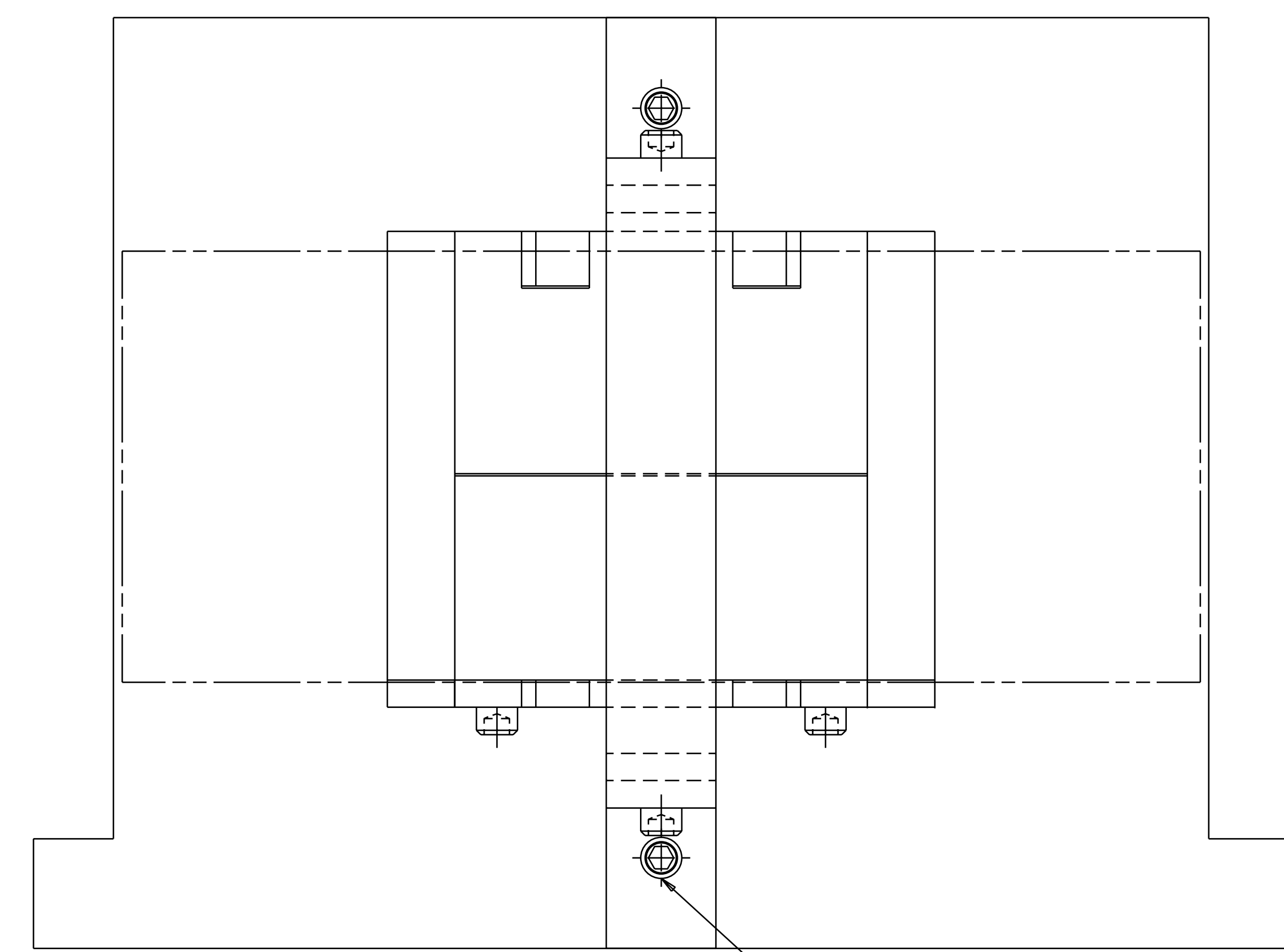


NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. THIS FIXTURE IS FOR A $\phi 9.843'' \times 3.937''$
 THICK OPTIC ($\phi 25\text{cm} \times 10\text{cm}$ THICK).
 ② THE LENGTH OF ITEM NO. 7 DEPENDS
 ON THE THICKNESS OF THE OPTIC.
 THE SCREW LENGTH MAY VARY FROM
 1.00 TO 1.50.

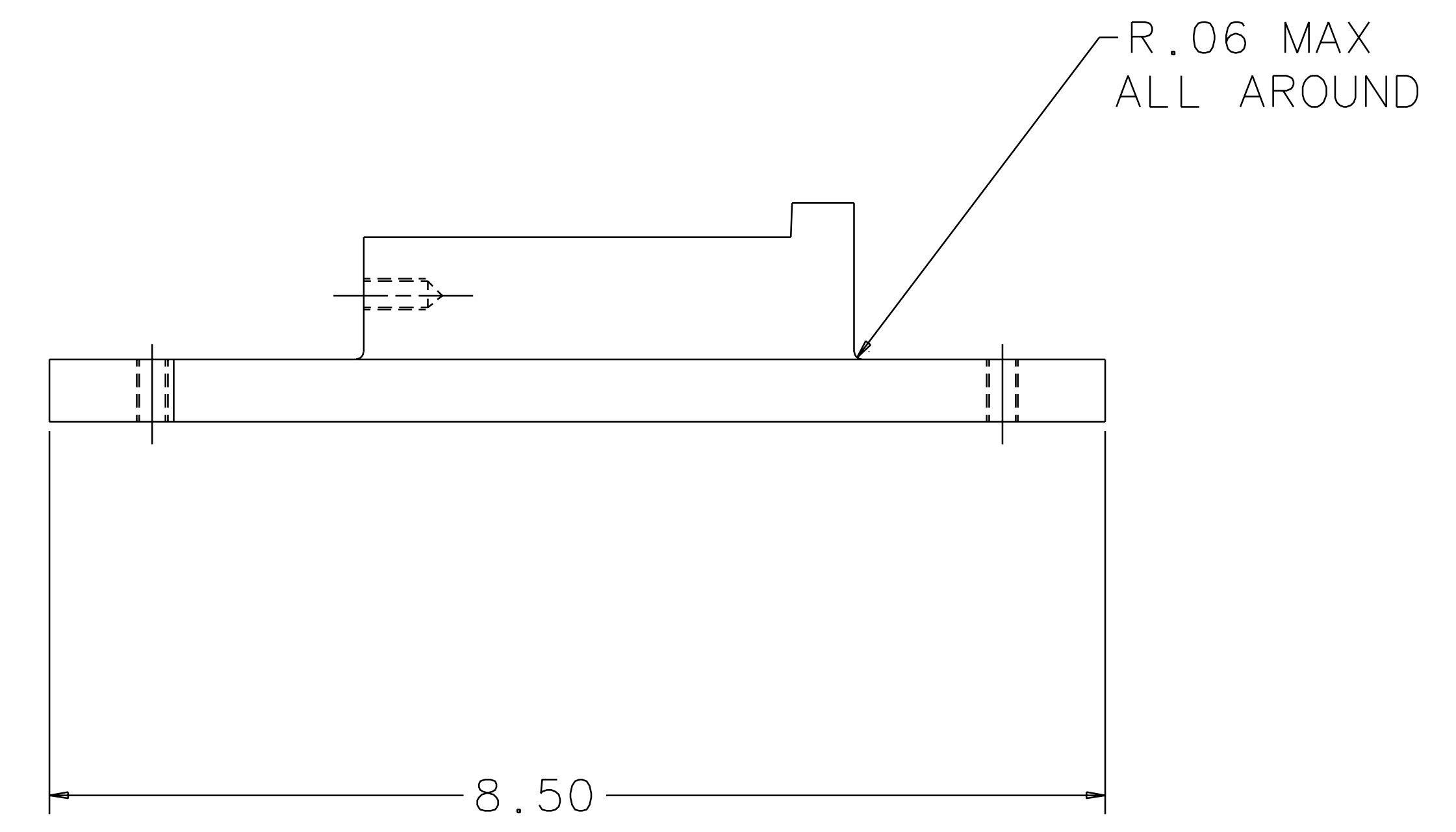
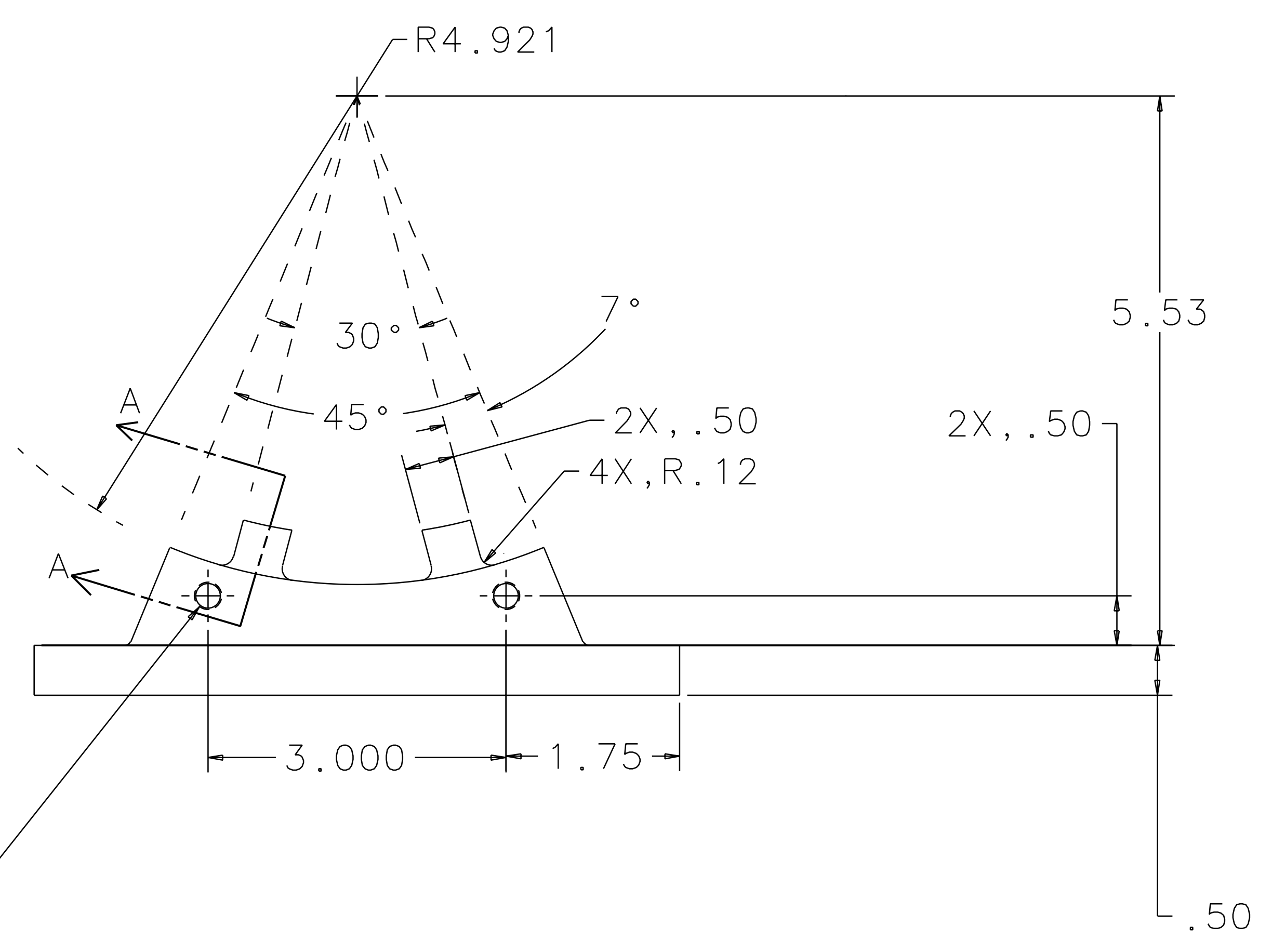
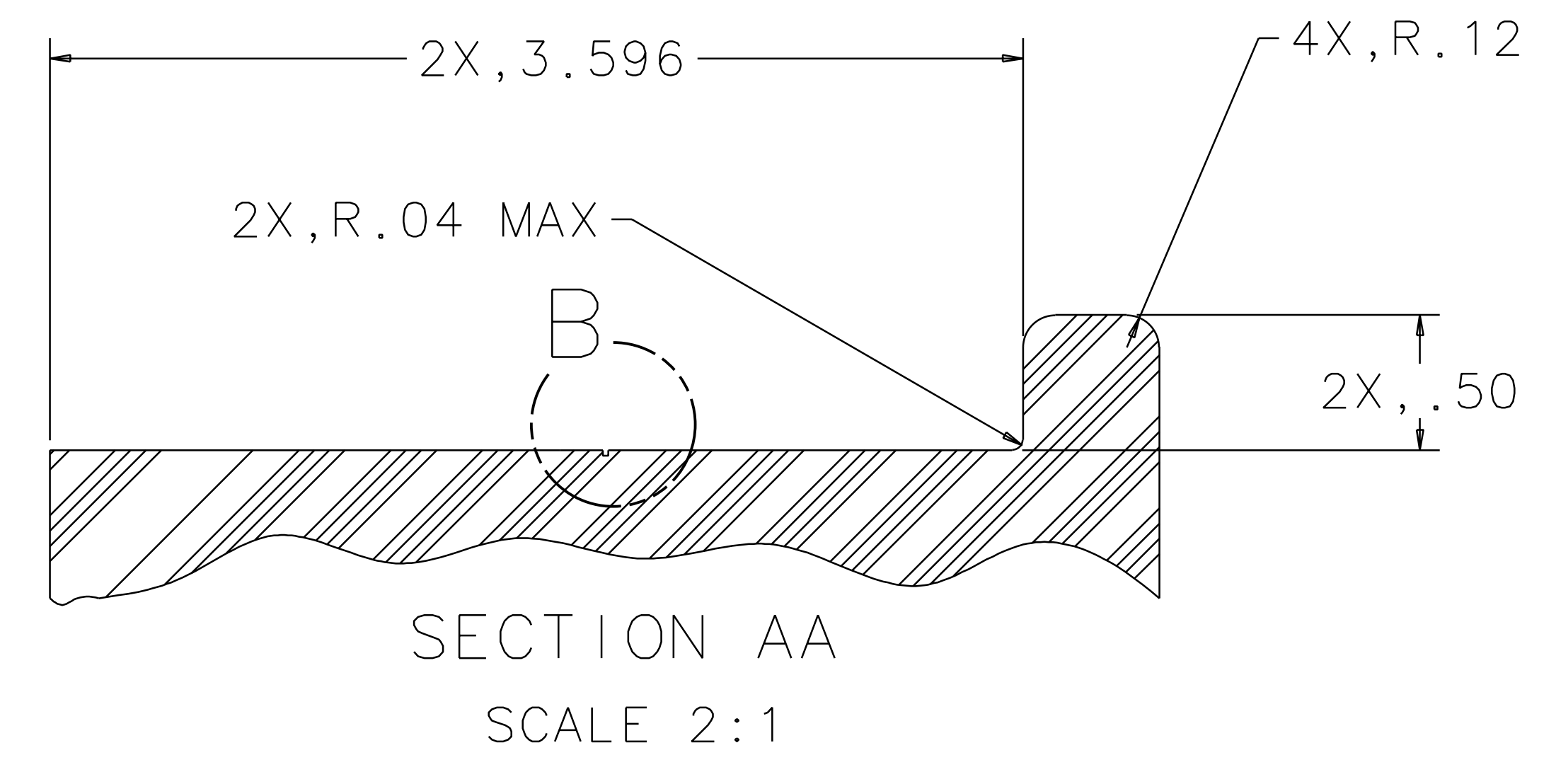
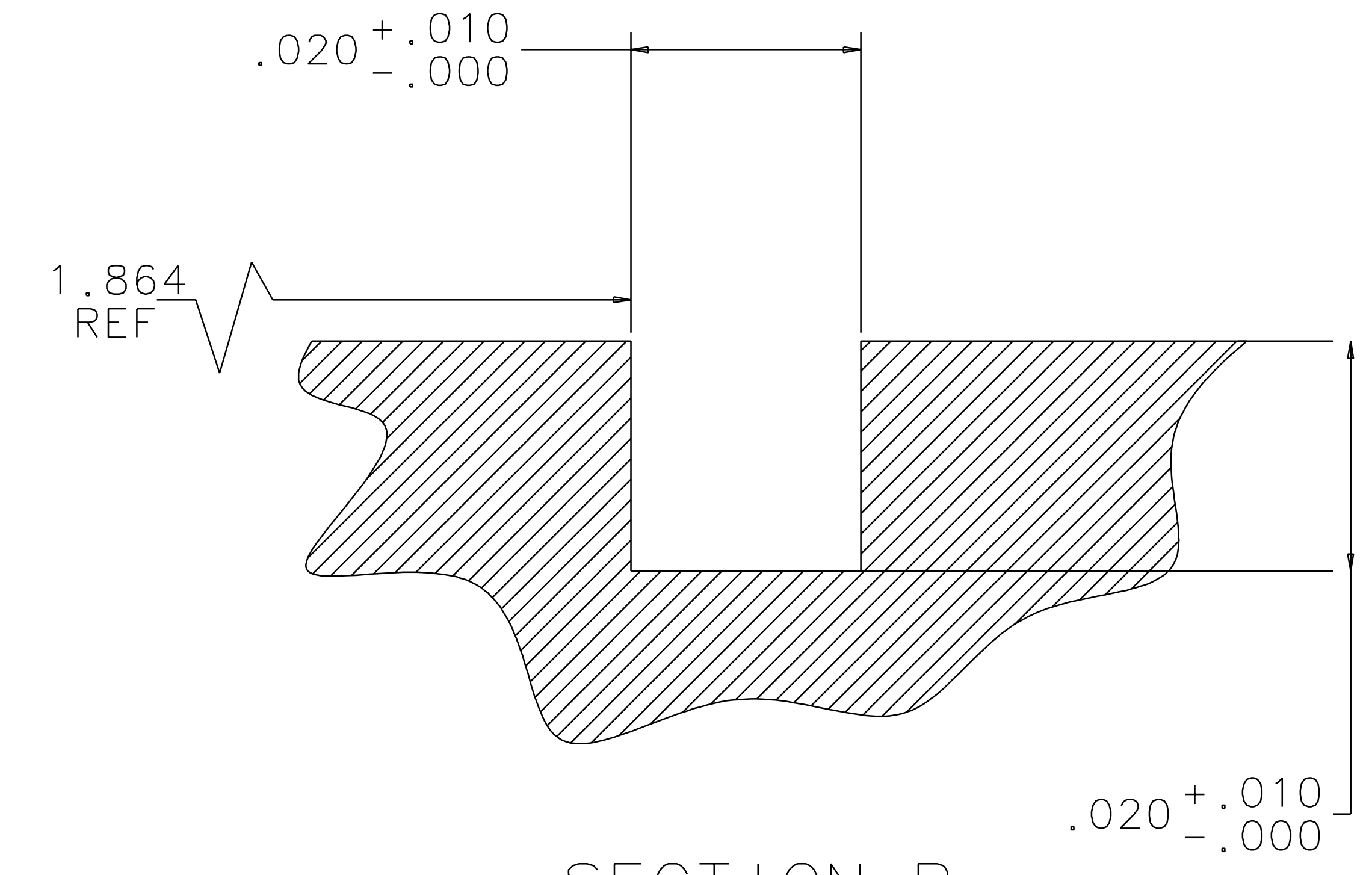
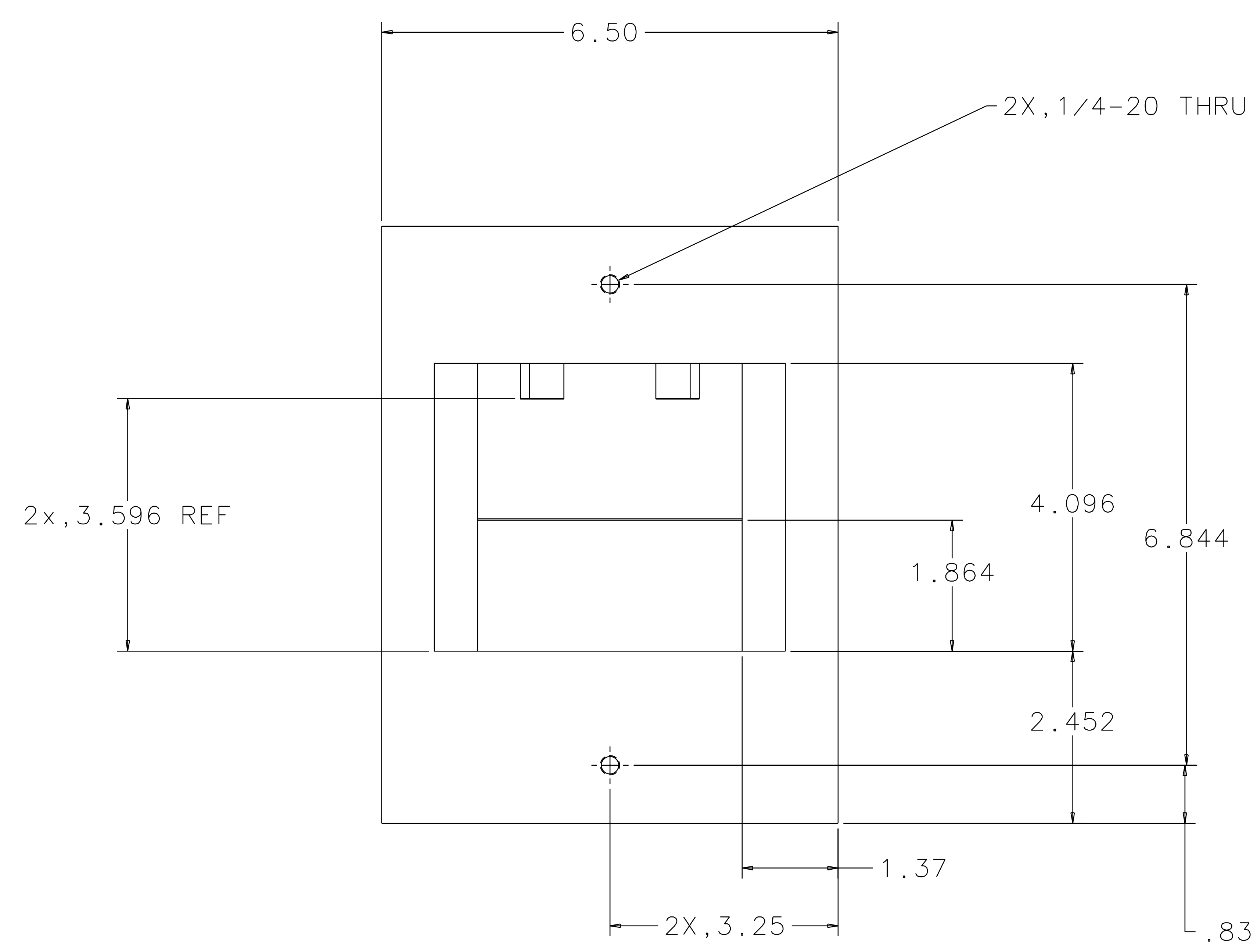
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A	2/13/98	J. Hazel			E980016/INITIAL RELEASE



REF	DESCRIPTION	MATERIAL	QTY
1	OPTIC, $\phi 9.84 \times 3.94$ THICK	STAINLESS	1
2	SCREW, SHCS, 1/4-20x.75	STAINLESS	8
2	SCREW, SHCS, 1/4-20x1.00(2)	TEFLON	7
2	SCREW, SHCS, 1/4-20x.63	STAINLESS	6
1	DETAIL, SHEET 3 TEFLON STRAP	TEFLON	5
2	DETAIL, SHEET 3 METAL BRACKET	ALUMINUM, 6061-T6	4
1	DETAIL, SHEET 3 TEFLON BRACKET	TEFLON	3
1	DETAIL, SHEET 2 BASE PLATE	TEFLON	2
1	BASE PLATE	6061-T6 ALUMINUM, 10.0 X 8.5 X .5	1

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NO.	DATE	TITLE
TOLERANCES ARE: FRACTIONS DECIMALS ANGLES 0.XX \pm 0.01 0.XXX \pm 0.005 ANGLES \pm 0.5°	J. Hazel	5/96	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
DO NOT SCALE DRAWING	DRAWN	CHECKED	ISSUED
	J. Hazel		
FILE LOCATION	SCALE	SIZE FSO NO.	REV
/home/dcc/docs/D960753.pdf	1/1	E D960753	A
			SHEET 1 OF 3

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	2/13/98	J. Hazel			E980016/INITIAL RELEASE

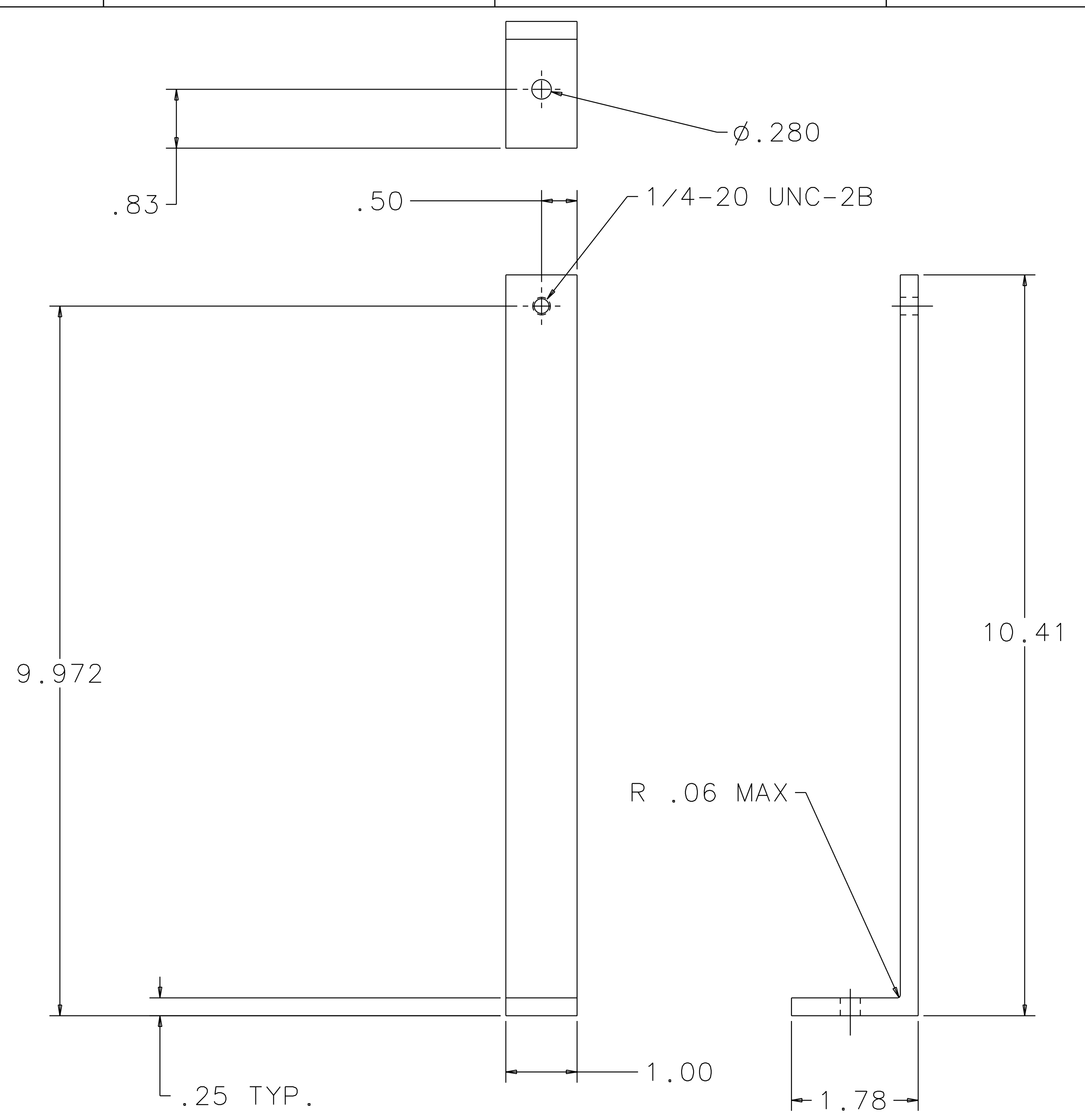


2X, 1/4-20 x .63 DP MIN

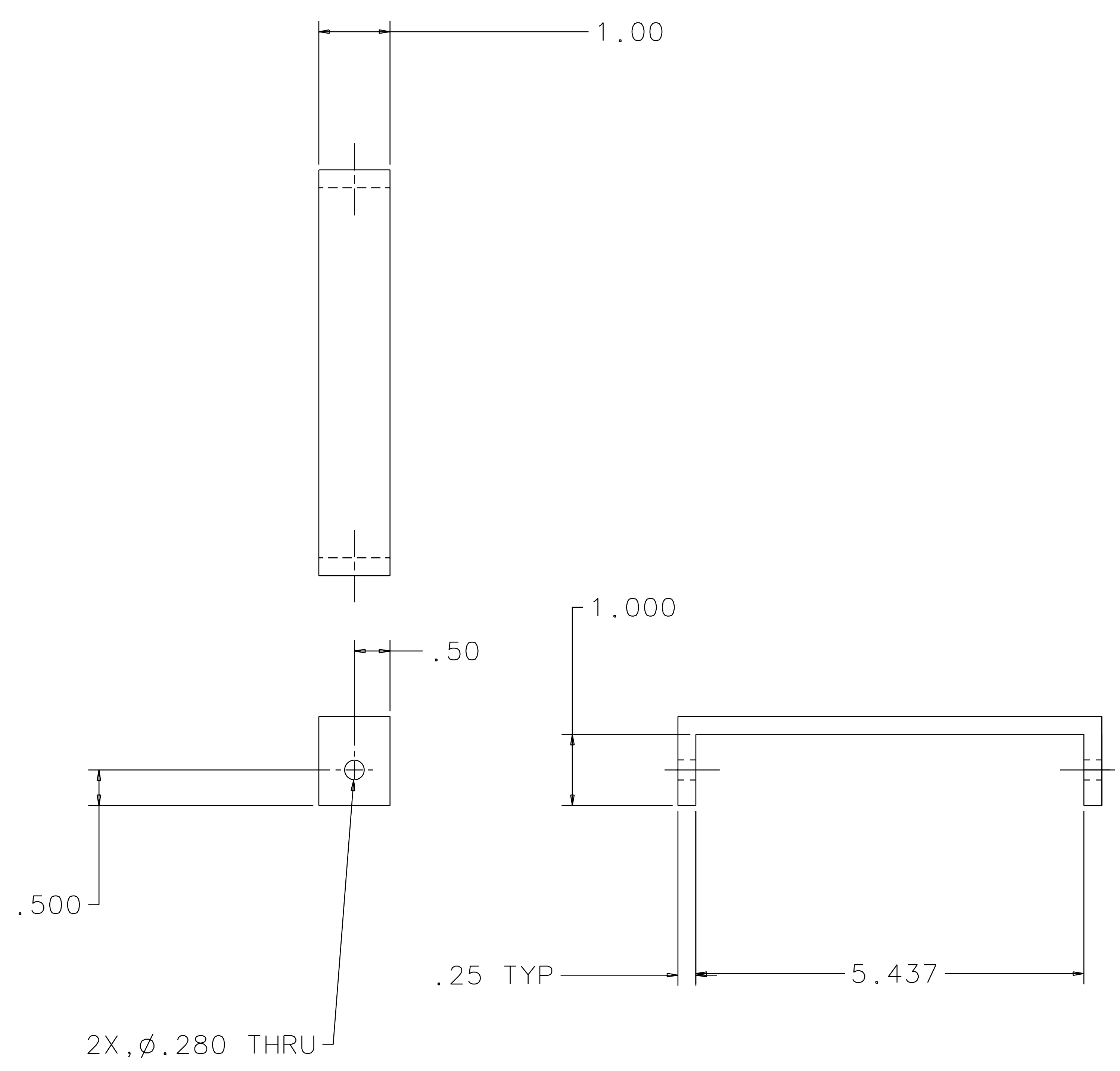
CRADLE DETAIL

QTY REQ	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO.
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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		APPROVALS	DATE	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
TOLERANCES ARE:		TITLE		
FRACTIONS DECIMALS ANGLES		WIRE AND OPTICS FIXTURE ASSEMBLY		
0.XX=±0.01		SIZE		
0.XXX=±0.005		E D960753		
ANGLES=±0.5°		SCALE		
DO NOT SCALE DRAWING		1/1 SHEET 2 OF 3		
NEXT ASSEMBLY	MATERIAL	REV		
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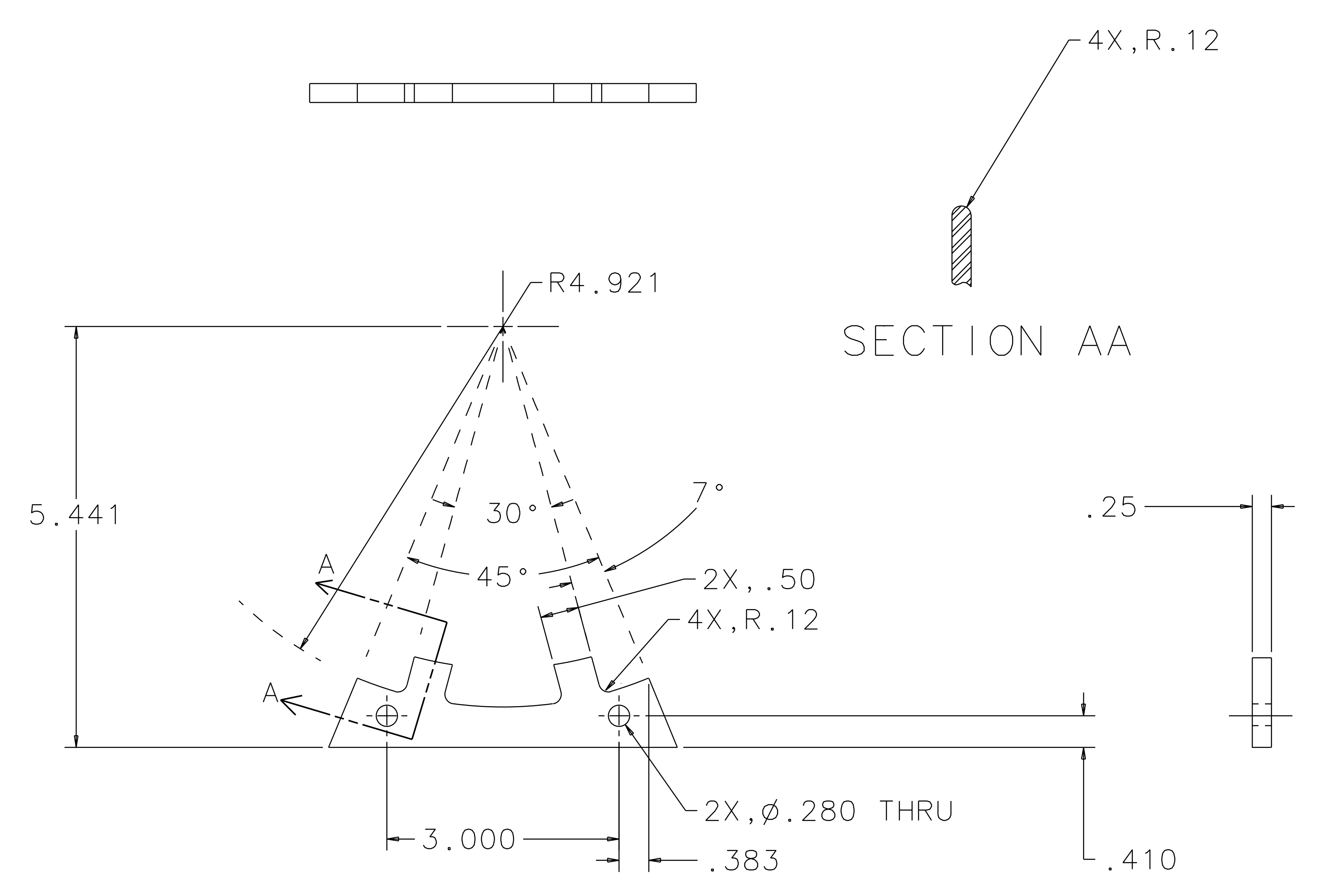
REV	DATE	DRAWN BY	CHECKED	DC	DCN/DESCRIPTION
A	2/13/98	J. Hozel			E980016/INITIAL RELEASE



METAL BRACKET DETAIL



TEFLON STRAP DETAIL



SECTION AA

TEFLON BRACKET DETAIL

QTY REQ	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
PARTS LIST				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES		APPROVALS	DATE	LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
0.XX=±0.01 0.XXX=±0.005 ANGLES=±0.5° DO NOT SCALE DRAWING		DRAWN		TITLE
NEXT ASSEMBLY		CHECKED		WIRE AND OPTICS FIXTURE ASSEMBLY
FILE LOCATION	MATERIAL			SIZE
/home/dcc/docs/D960753.pdf	FINISH			E D960753
				SCALE
				1/1 SHEET 3 OF 3