

SCALE 1:5

NOTES: (UNLESS OTHERWISE SPECIFIED)

- REMOVE ALL SHARP EDGES. R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE. SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL).
- SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER ON NOTED SURFACE OF PART AND A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE 07\* HIGH CHARACTERS. EXAMPLE: 000100-001 - A VIBRATORY TOOL MAY BE USED.

DIMENSIONS ARE IN mm (INCHES)

TOLERANCES:

X.XX ± 0.2

ANGULAR ±0.25°

MATERIAL: AL ALLOY

FINISH: CLEAN

Ra = 1.6

NAME DATE

DRAWN J.O'BELL 01/SEP/08

CHECKED AJB OCT 08

APPROVED JOD

CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
RUTHERFORD APPLTON LABORATORIES

SYSTEM ADVANCED LIGO

SUB-SYSTEM SUS

NEXT ASSY TD-113-600

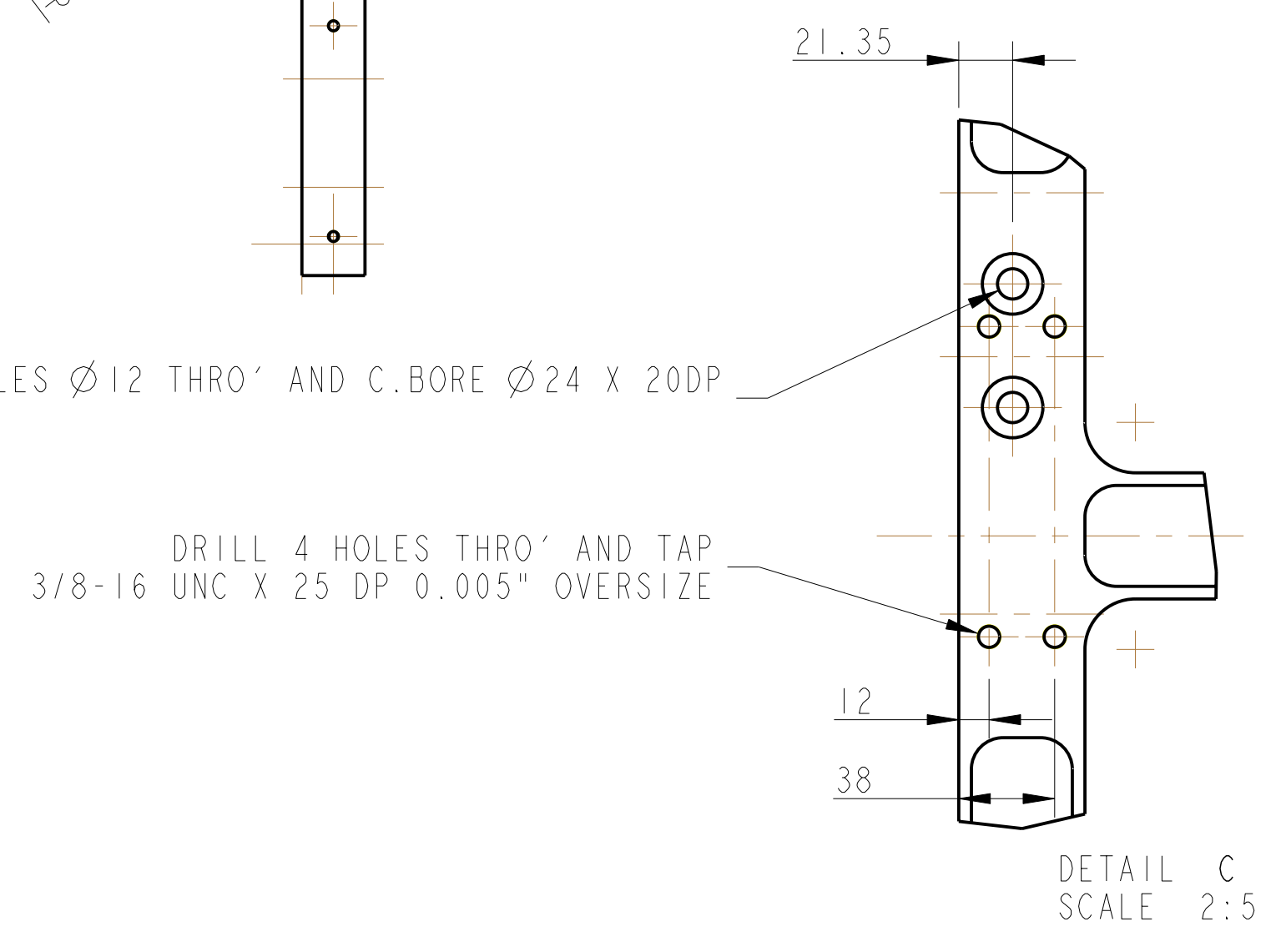
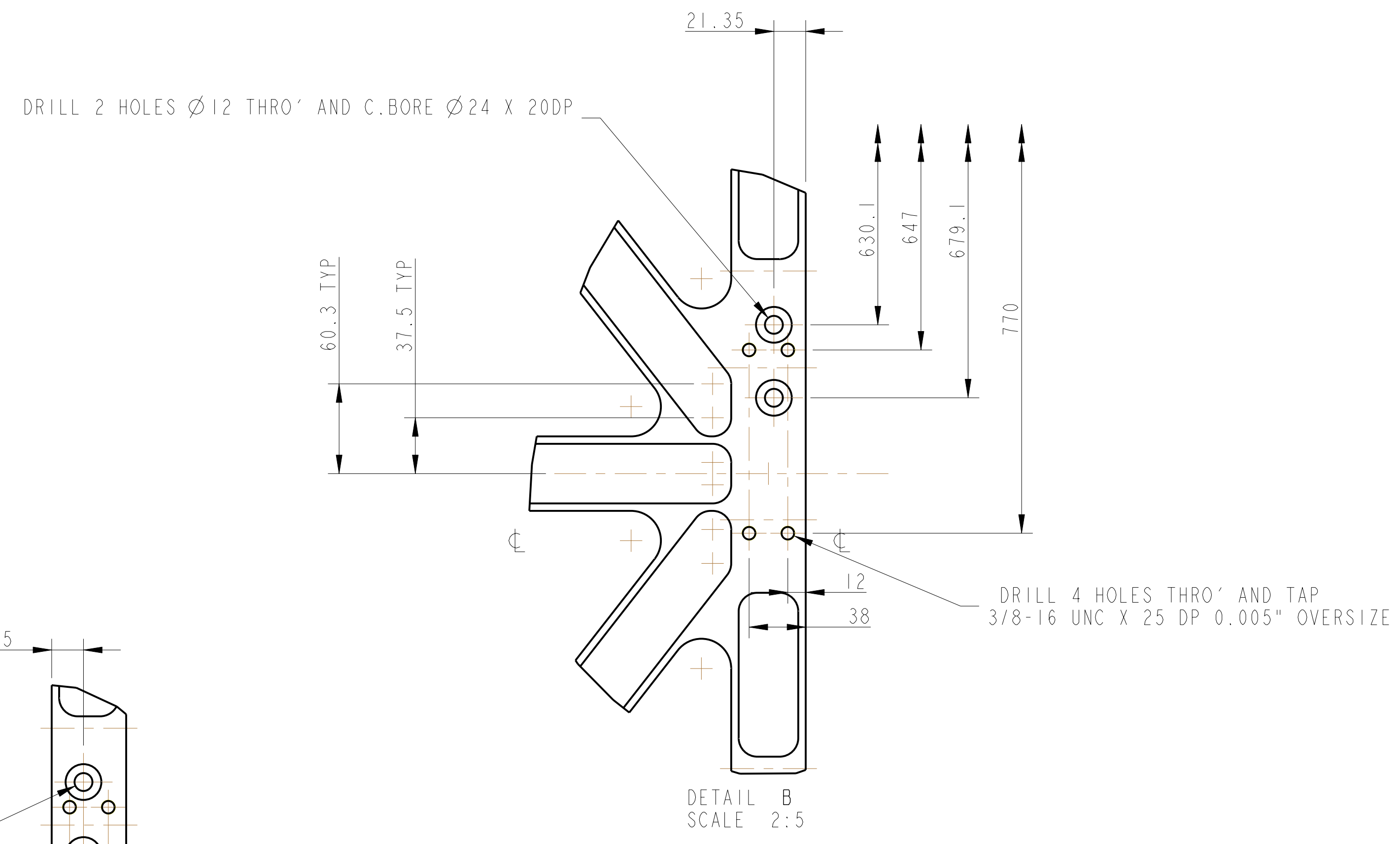
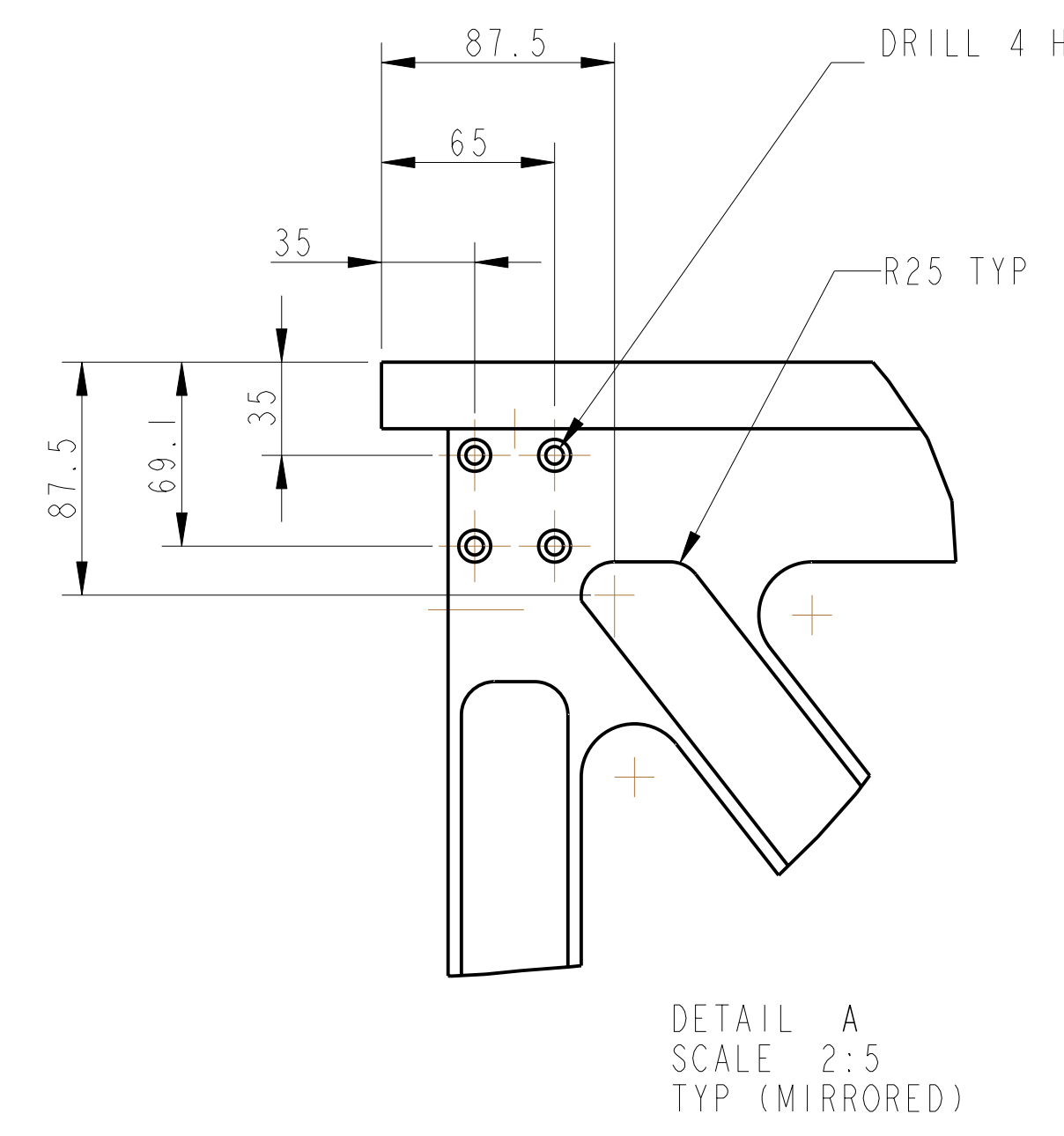
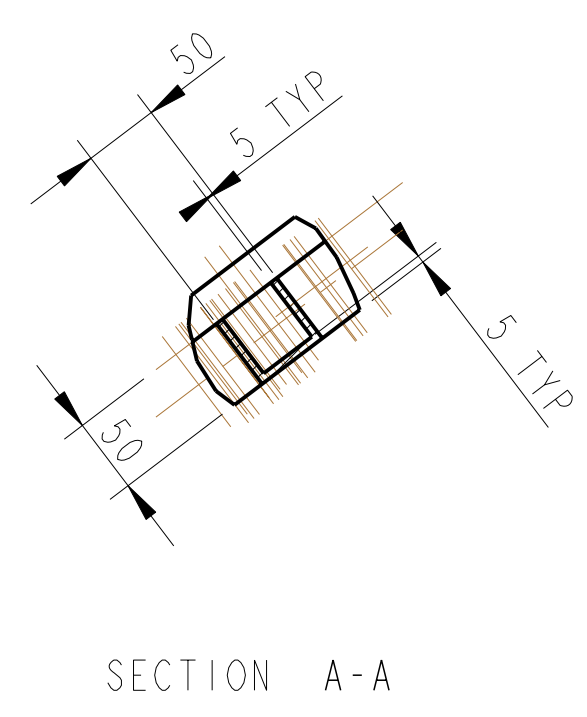
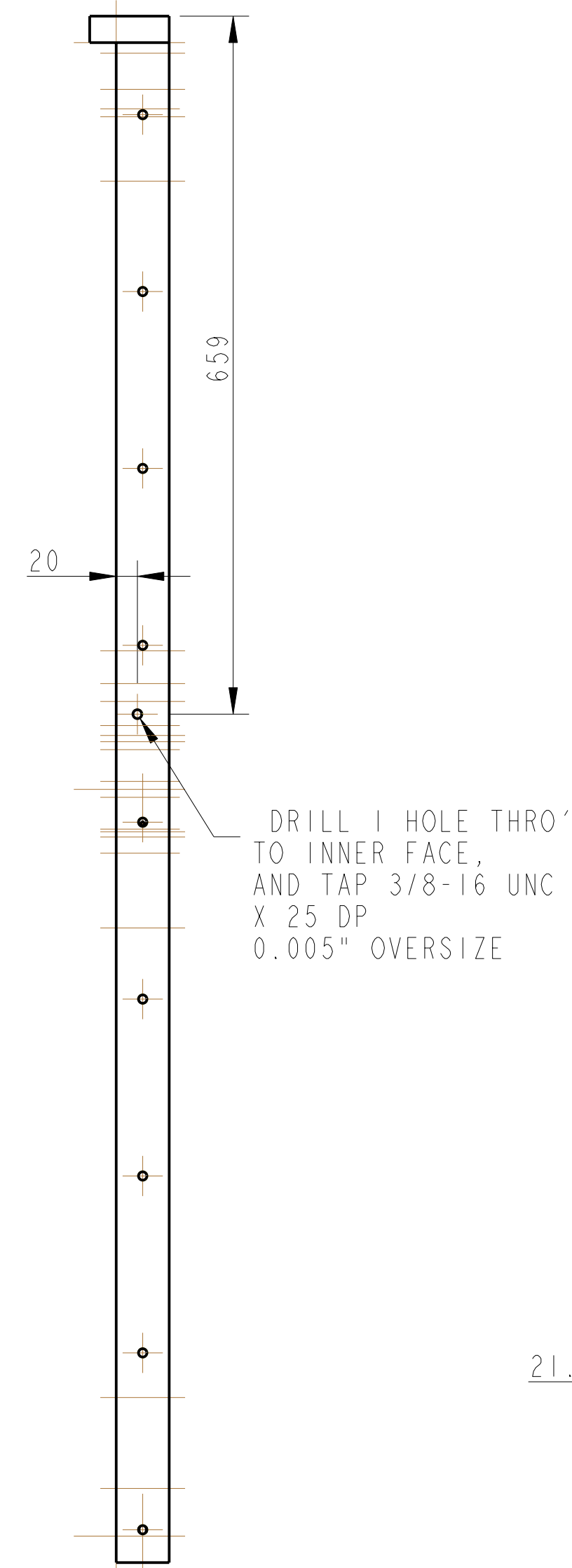
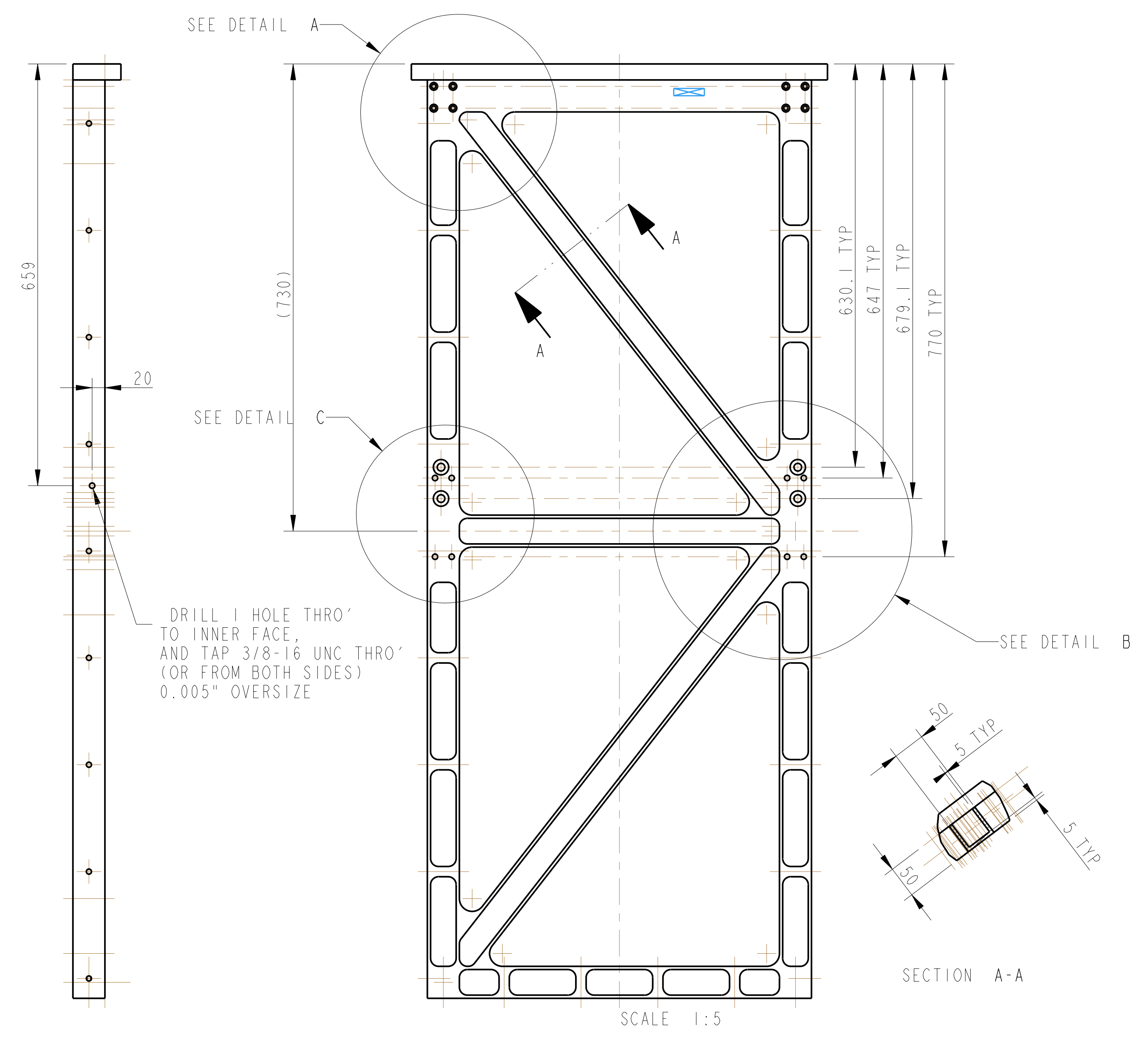
PART NAME BEAM SPLITTER UPPER STRUCTURE

FACE PLATE

DRG. NO. 0080502

SCALE 1:1 PROJECTION

SHEET 1 OF 2



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DIMENSIONS ARE IN mm (INCHES) TOLERANCES:

X.XX ± 0.2 ANGLULAR ±0.25 °

MATERIAL: AL ALLOY R02.16

FINISH: CLEAN Ra = 1.6

NAME	DATE	DATE
DRAWN	J. O'BELL	OCT 08
CHECKED	AJB	OCT 08
APPROVED	JOD	---

CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 RUTHERFORD APPLINGTON LABORATORIES

SYSTEM: **ADVANCED LIGO**

SUB-SYSTEM: **SUS**

NEXT ASSY: **TD-113-600**

PART NAME: **BEAM SPLITTER UPPER STRUCTURE**

FACE PLATE

DRG. NO.: **D080502**

SCALE: 1:1 PROJECTION: **4** SHEET: 2 OF 2