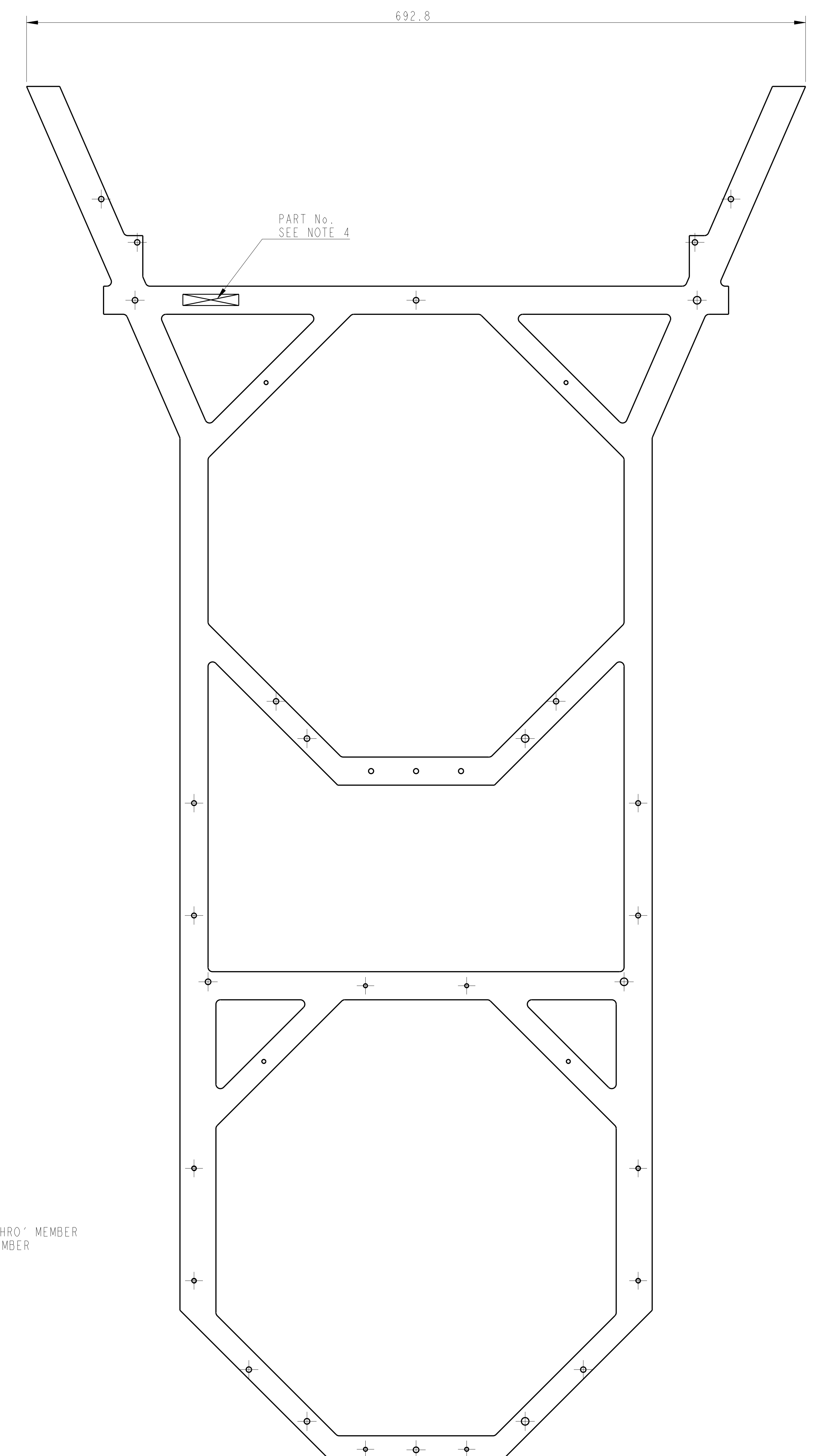
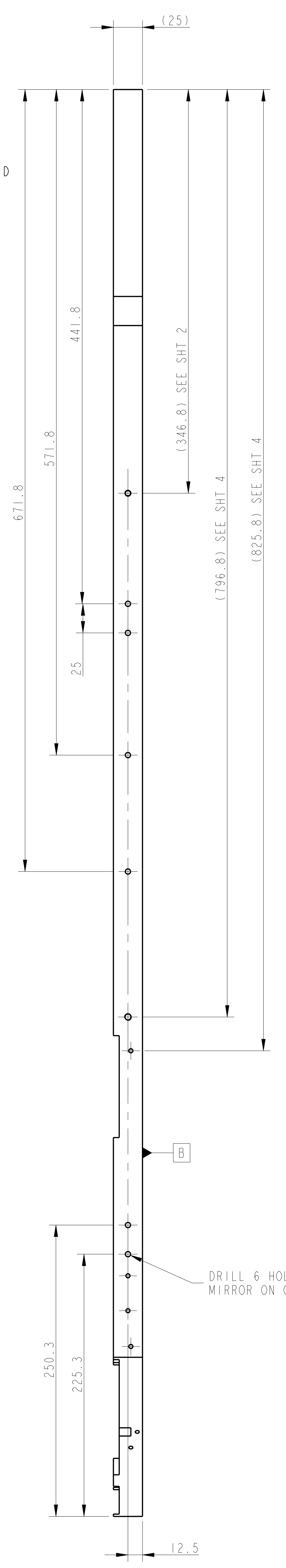
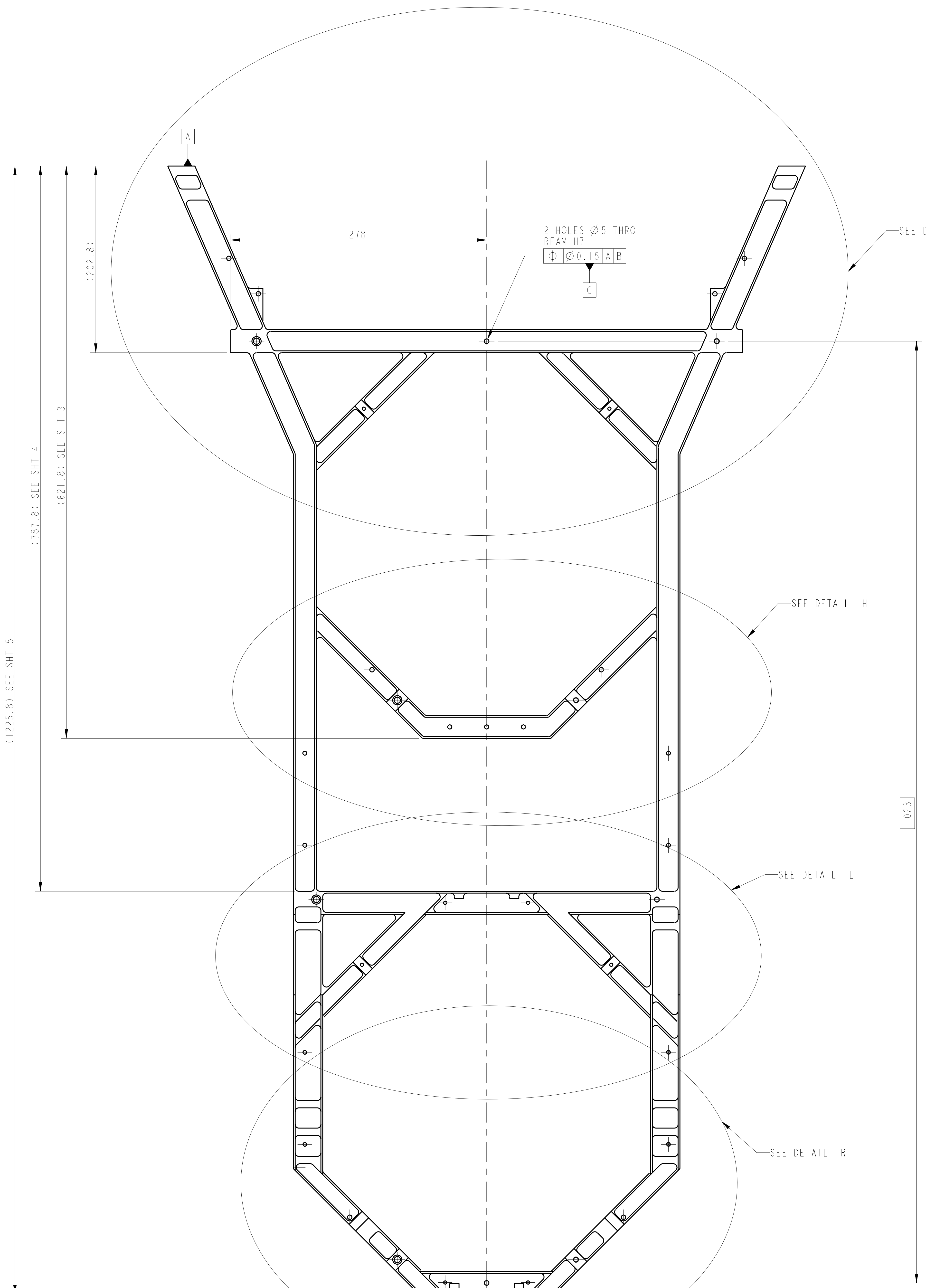


REV.	DATE	DCN #	DRAWING TITLE #
A	30-OCT-98	ES04260-05	
B	23-DEC-97	ES04260-06	
C	28-JULY-98	ES04260-07	
D	9-SEP-98	ES04260-08	

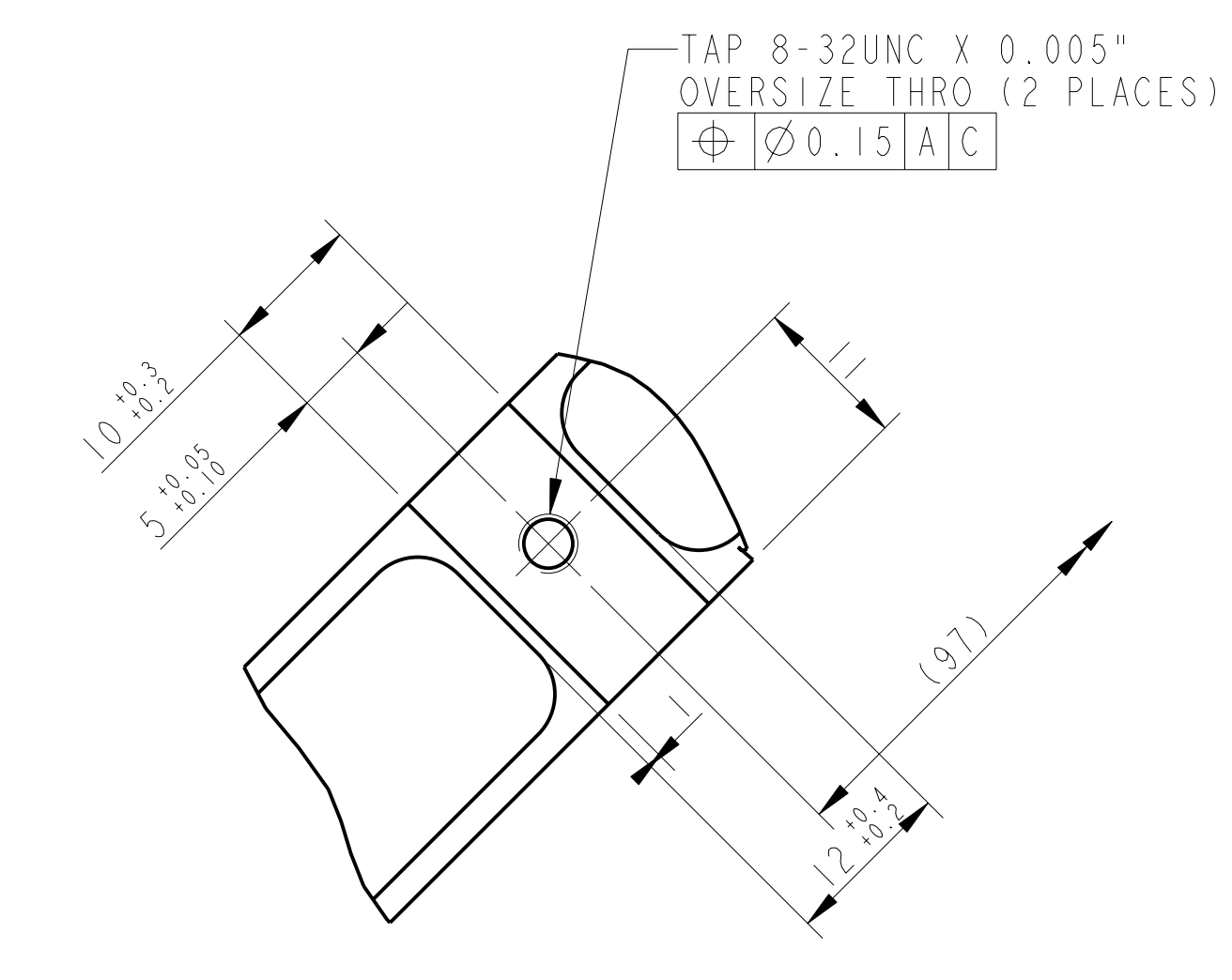
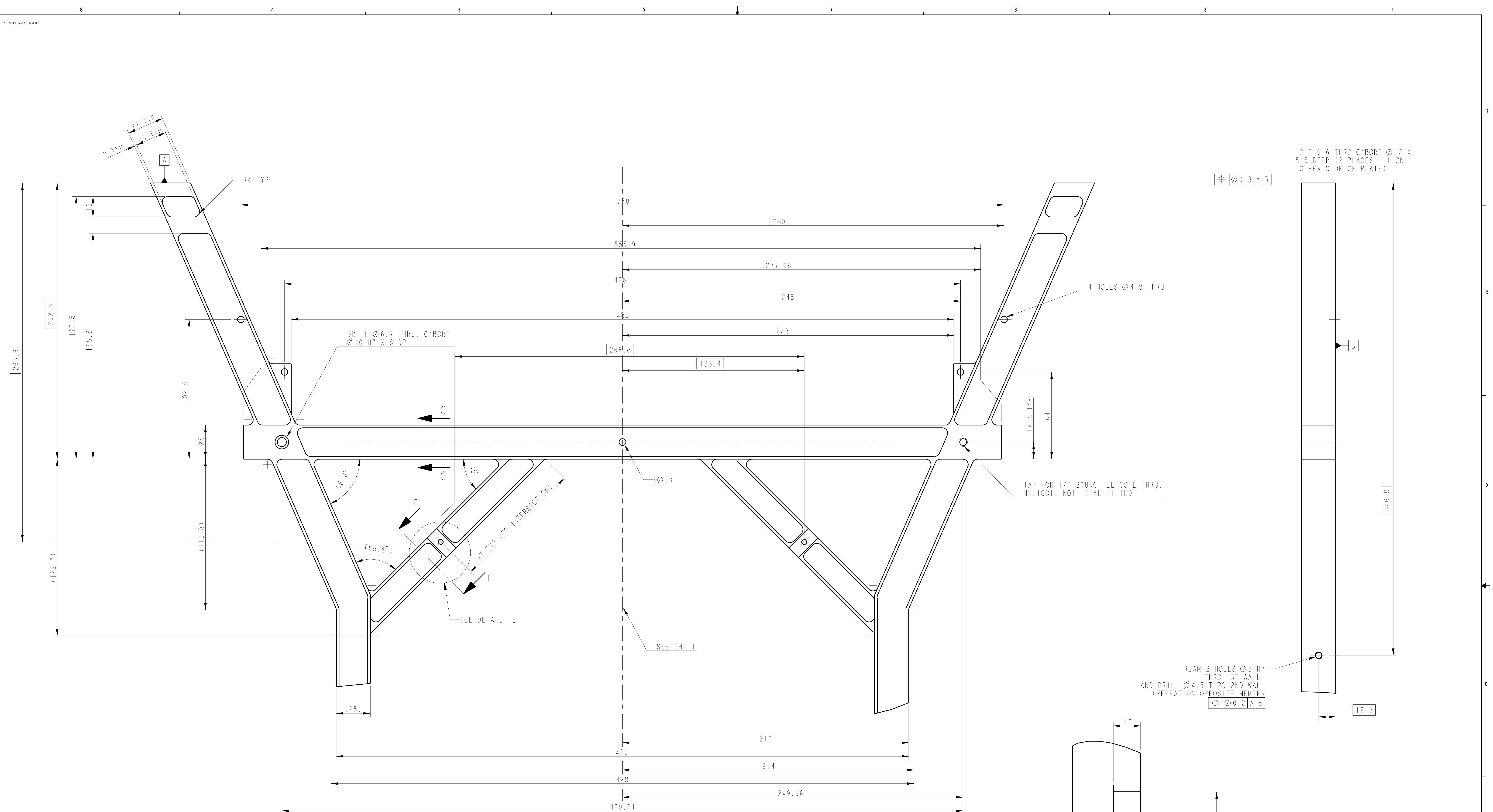


NOTES: UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL SHARP EDGES.
- DO NOT SCALE FROM DRAWING.
- ALL WORKING DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.1 mm (0.001 INCHES).
- SECURE, SLEIGHT AND TIGHTENING SHALL BE TO THE MANUFACTURER'S SPECIFICATION.
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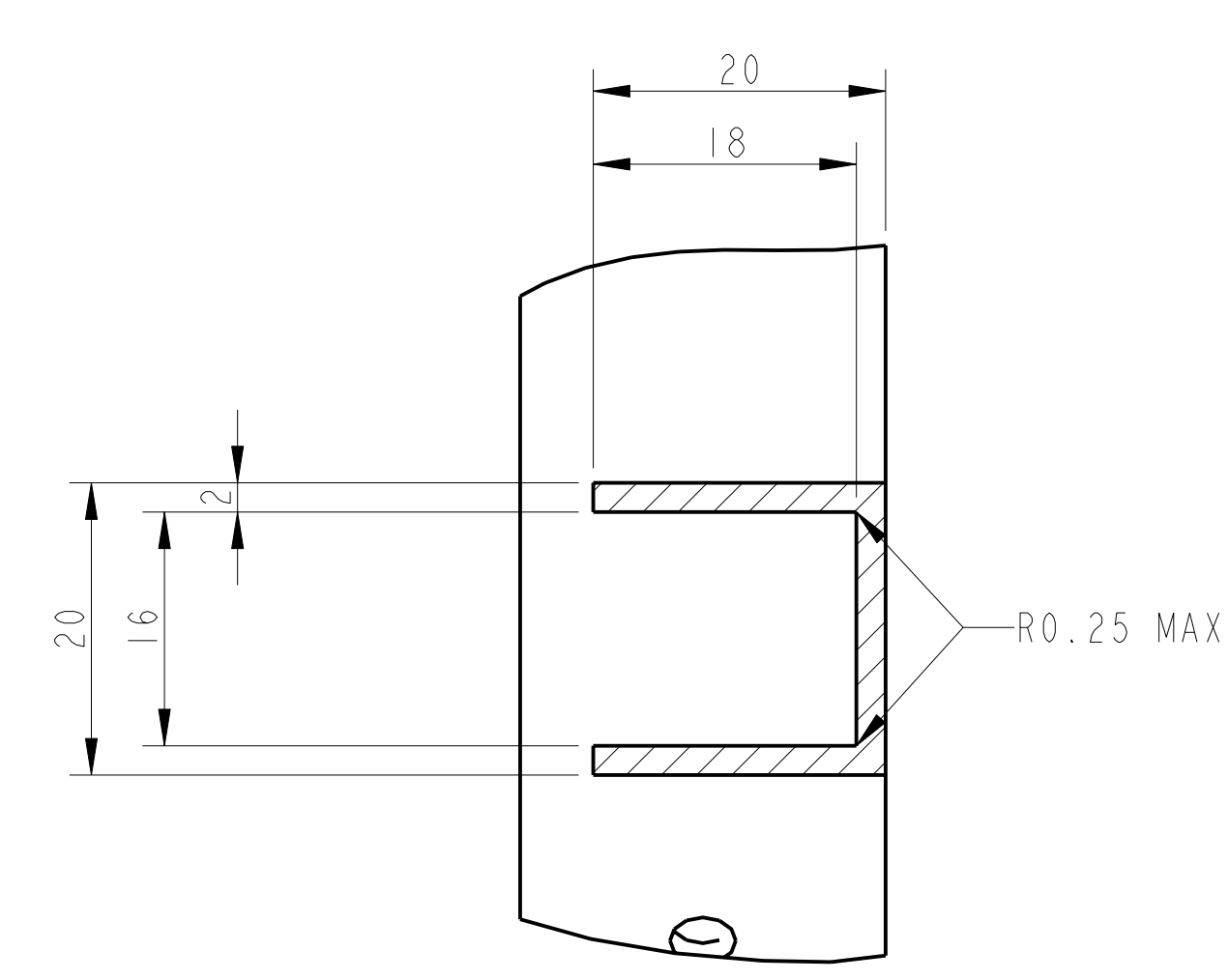
DATE	30-OCT-98	DESIGNED BY	ES04260-05
DATE	23-DEC-97	DESIGNED BY	ES04260-06
DATE	28-JULY-98	DESIGNED BY	ES04260-07
DATE	9-SEP-98	DESIGNED BY	ES04260-08

CALIFORNIA INSTITUTE OF TECHNOLOGY
 ADVANCED LIGO
 SUB-SYSTEM BUS
 PART ASSY QUAD INPTYPE LOWER STRUCTURE
 PART NAME LOWER STRUCTURE
 DRAWN BY [Signature]
 CHECKED BY [Signature]
 APPROVED BY [Signature]
 DATE 30-OCT-98

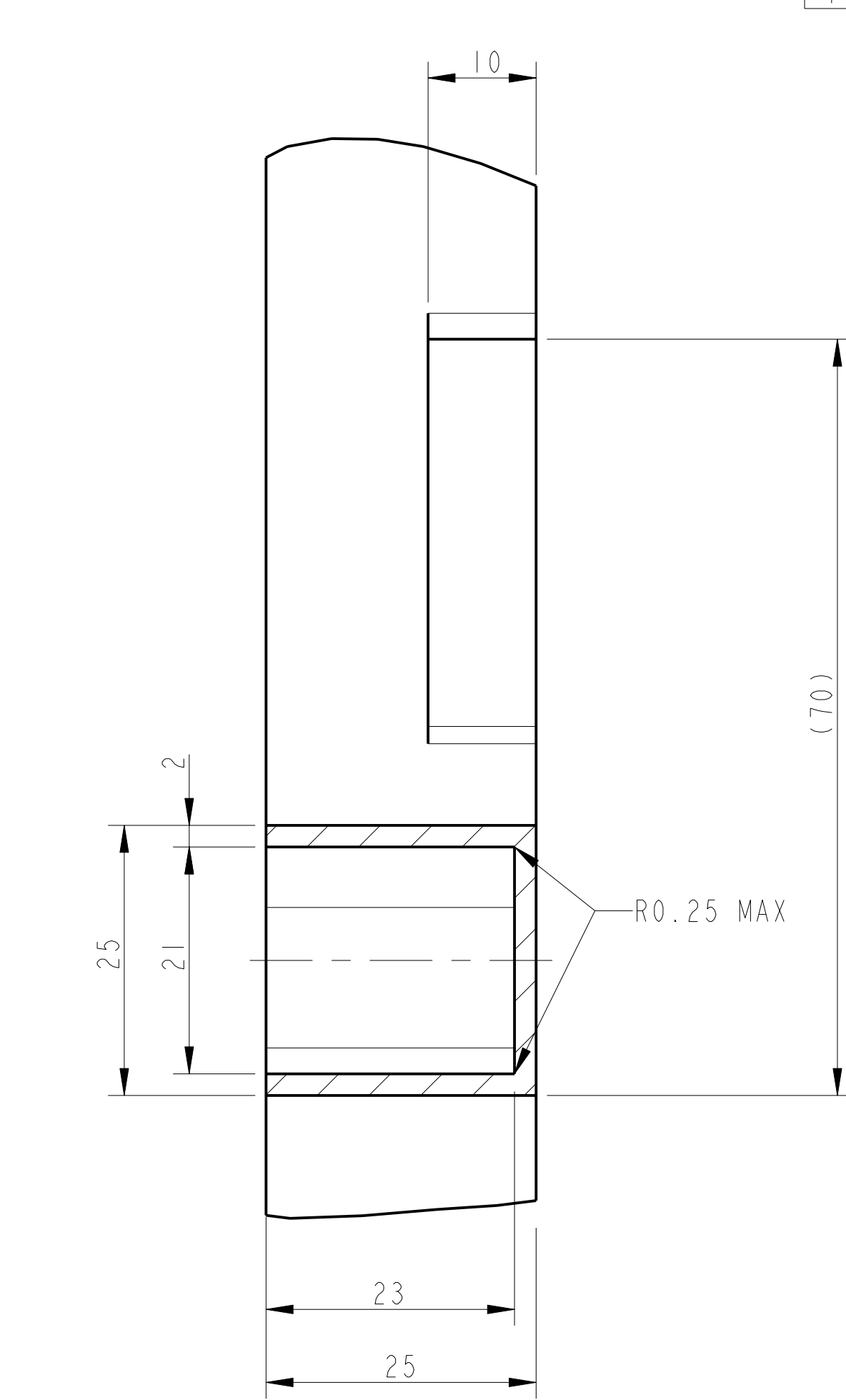


DETAIL E
SHOWING HOLE DETAILS
SCALE 2:1

DETAIL D
(SEE SHT 1)
SCALE 1:1



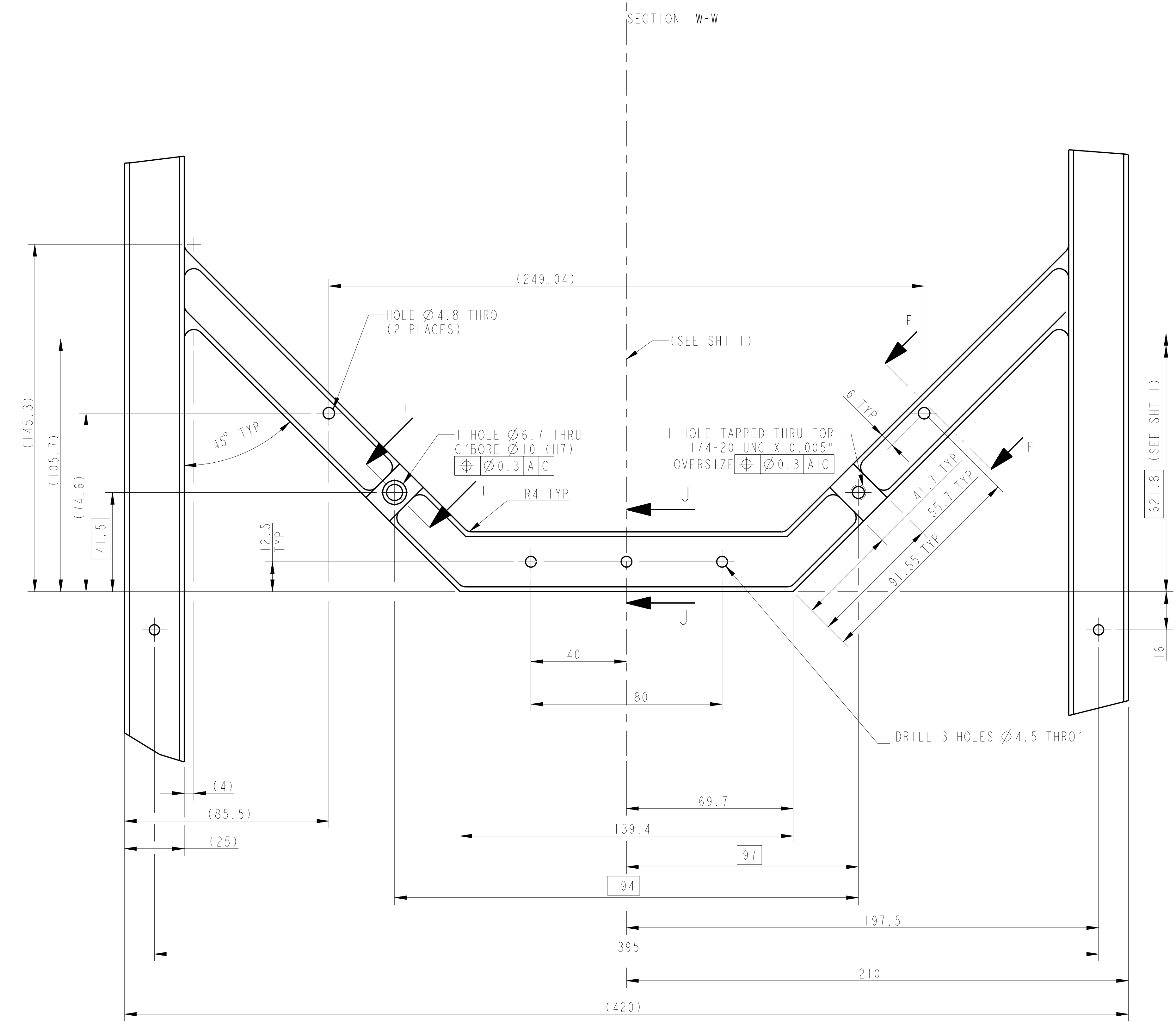
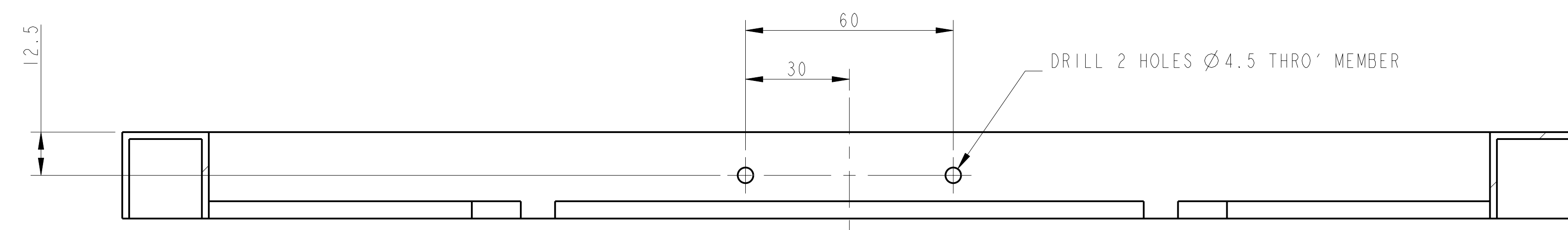
SECTION F-F
SCALE 2:1



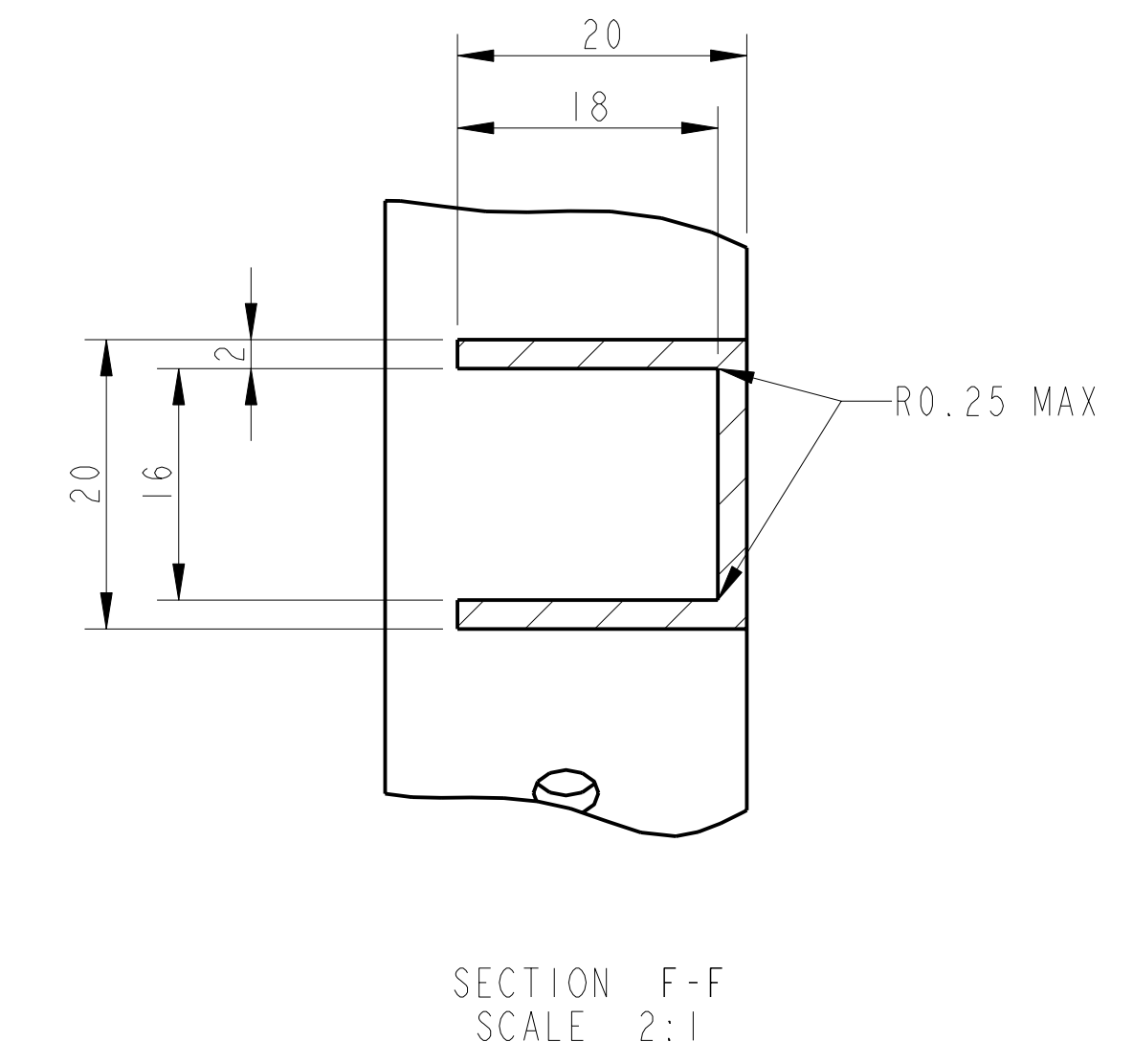
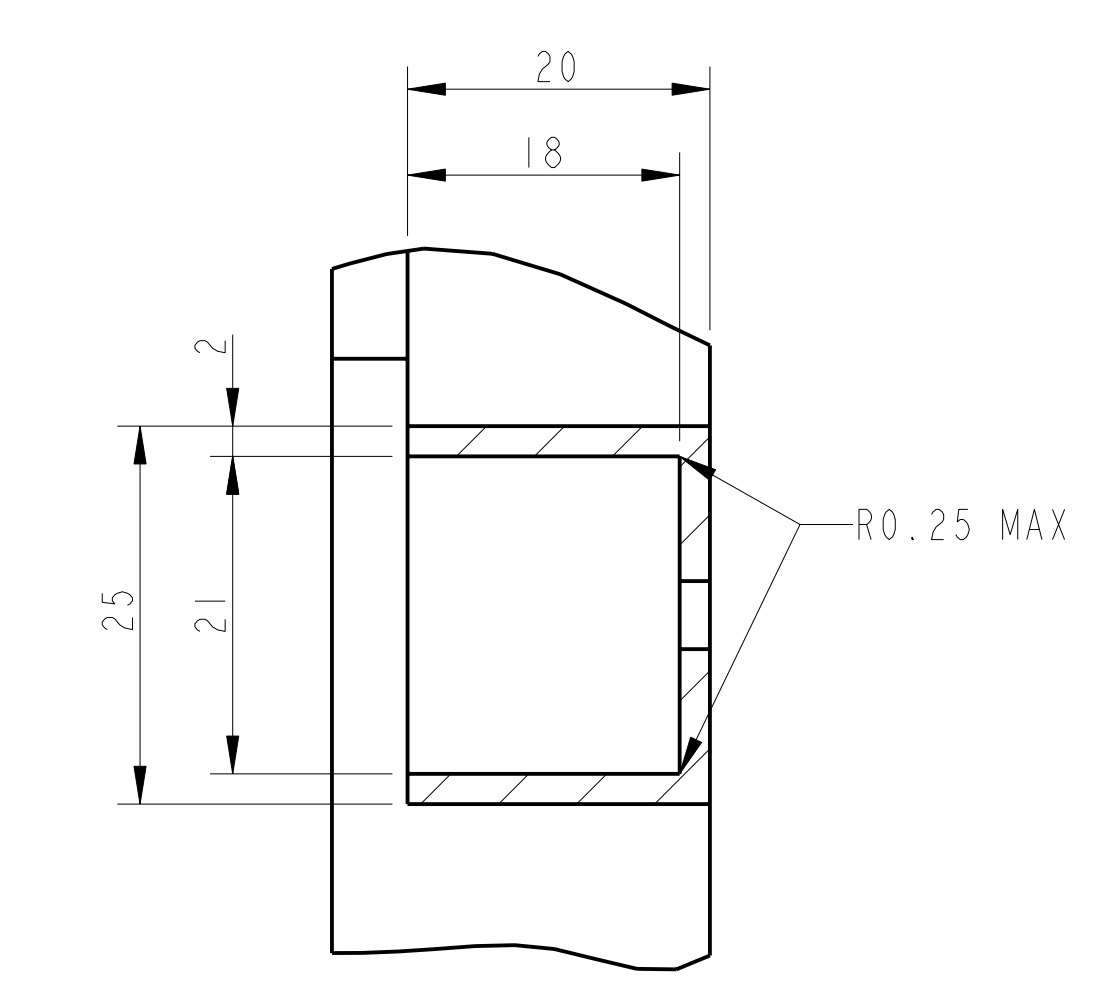
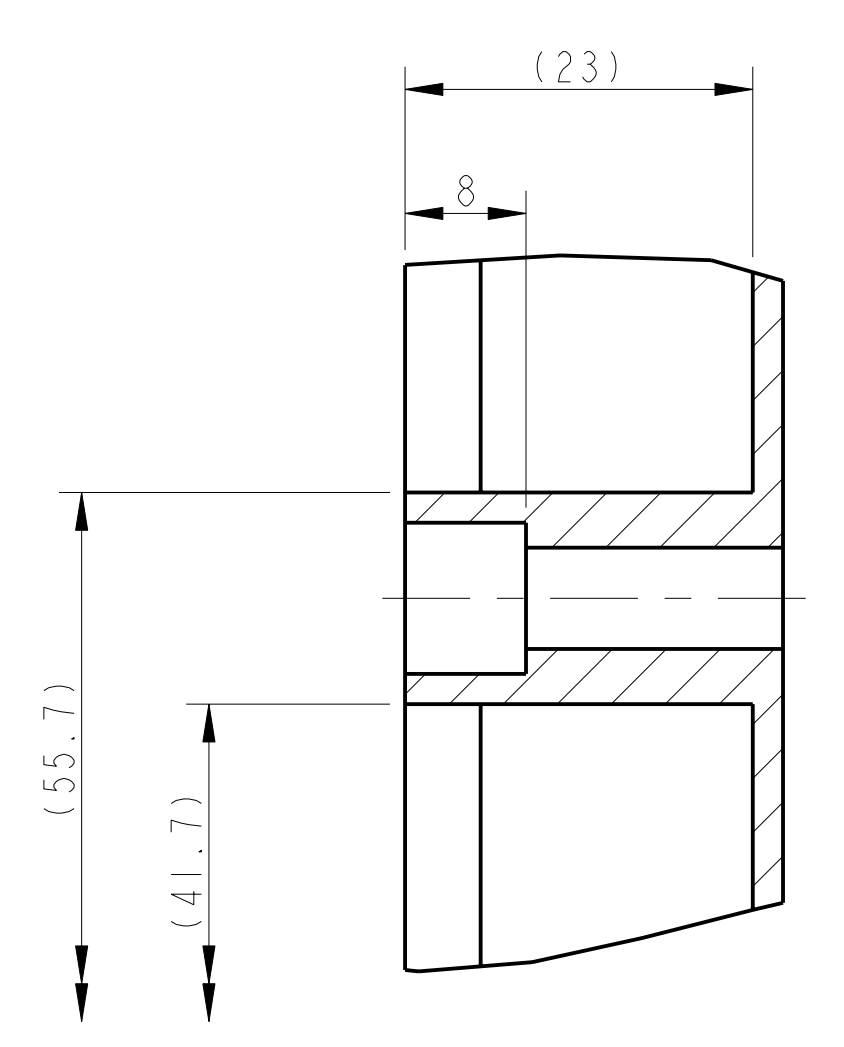
PARTIAL SECTION G-G
SHOWING DEPTH OF SECTION
SCALE 2:1

HOLE 6, 6 THRU C'BORE $\varnothing 12$ X
 5.5 DEEP (2 PLACES - 1 ON
 OTHER SIDE OF PLATE)

NOTES: UNLESS OTHERWISE SPECIFIED:		CALIFORNIA INSTITUTE OF TECHNOLOGY	
1. REMOVE ALL SHARP EDGES.	2. DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.	ADVANCED LIGO	
3. DO NOT SCALE FROM DRAWING.	4. ALL WORKING DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	SYSTEM: ADVANCED LIGO	
5. ALL WORKING DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	6. ALL DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	SUB-SYSTEM: BUS	
7. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	8. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	PART NAME: LOWER FACE PLATE	
9. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	10. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	PART NO: 000402	
11. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	12. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	DATE: 11/11/2011	
13. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	14. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	DRAWN BY: [Signature]	
15. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	16. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	CHECKED BY: [Signature]	
17. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	18. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	APPROVED BY: [Signature]	
19. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	20. DIMENSIONS SHALL BE GIVEN UNLESS OTHERWISE SPECIFIED.	SCALE: 1:1	



DETAIL H
(SEE SHT 1)
SCALE 1:1

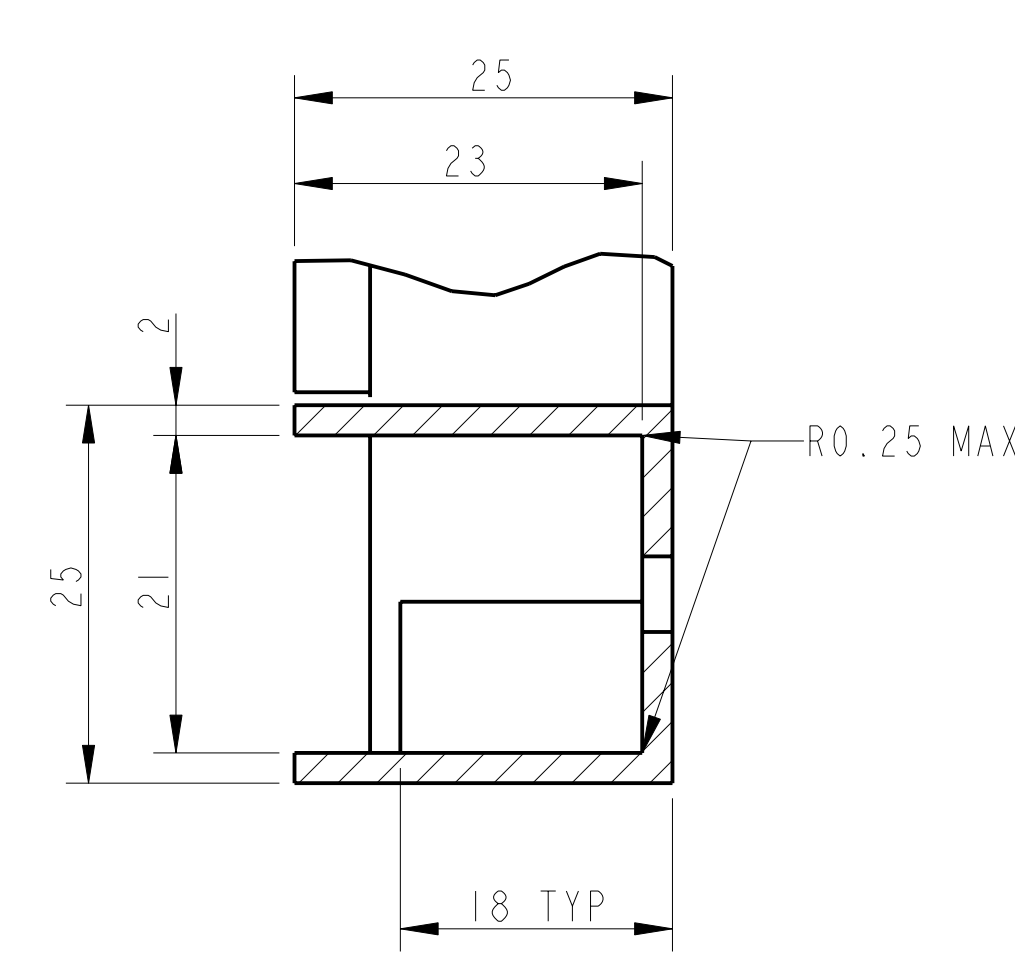
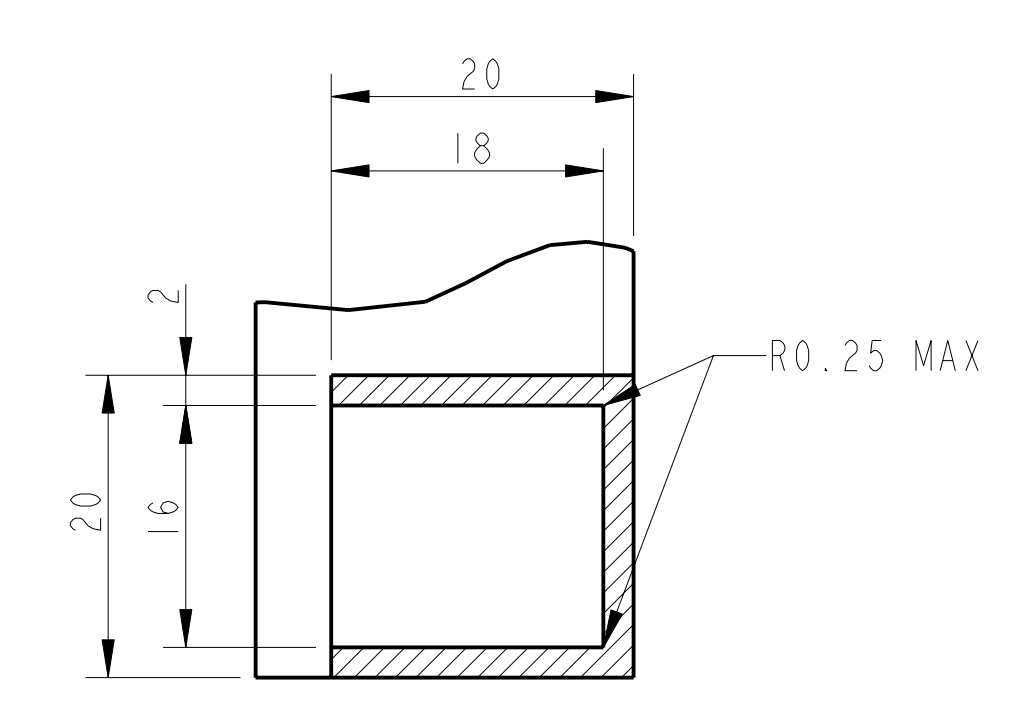
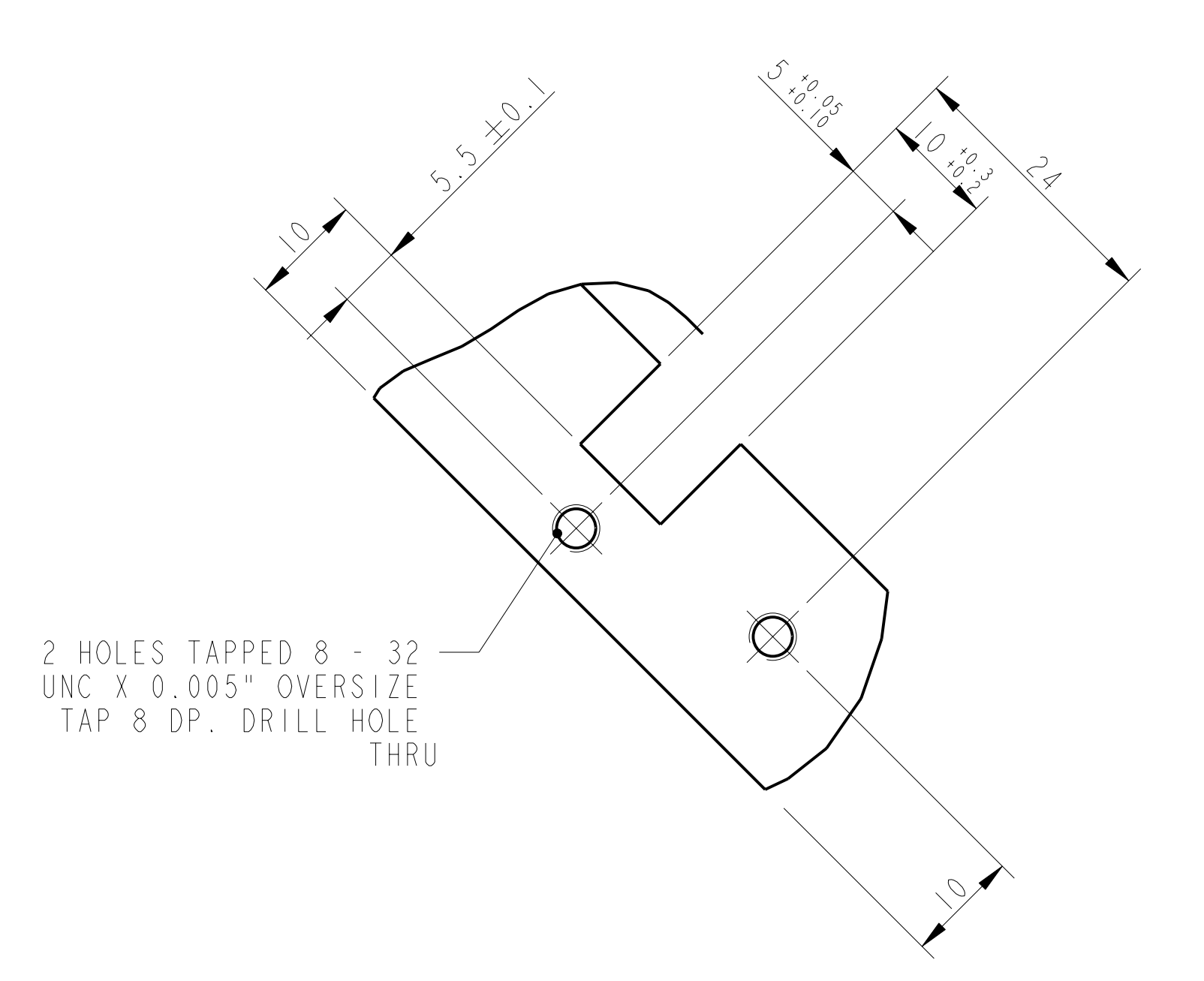
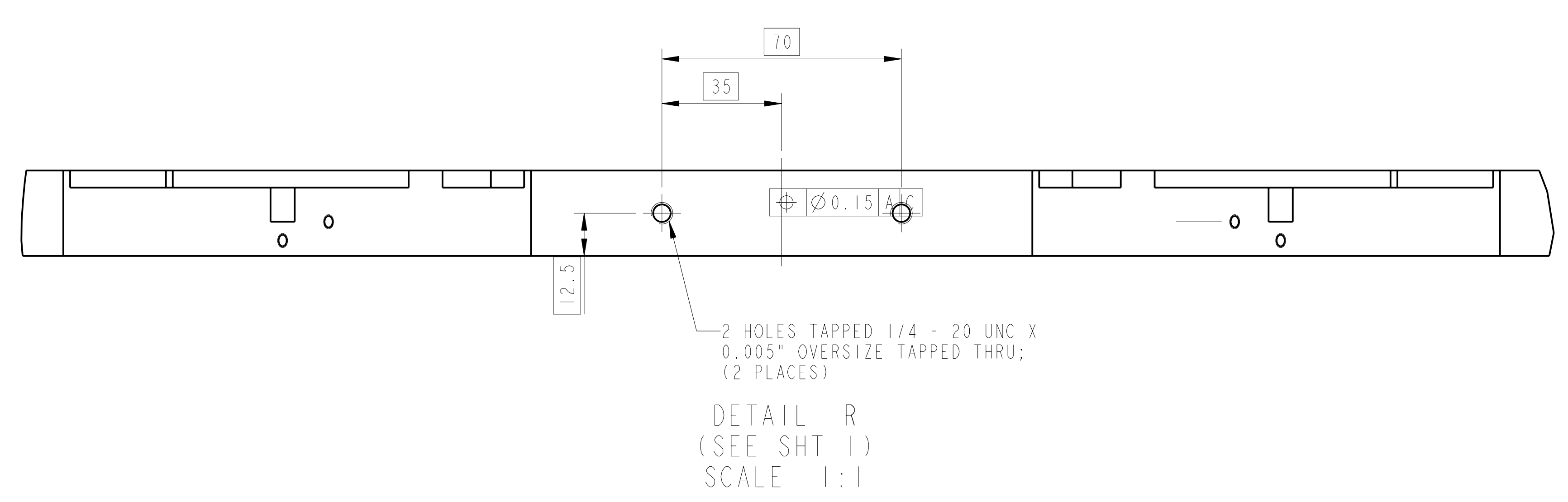
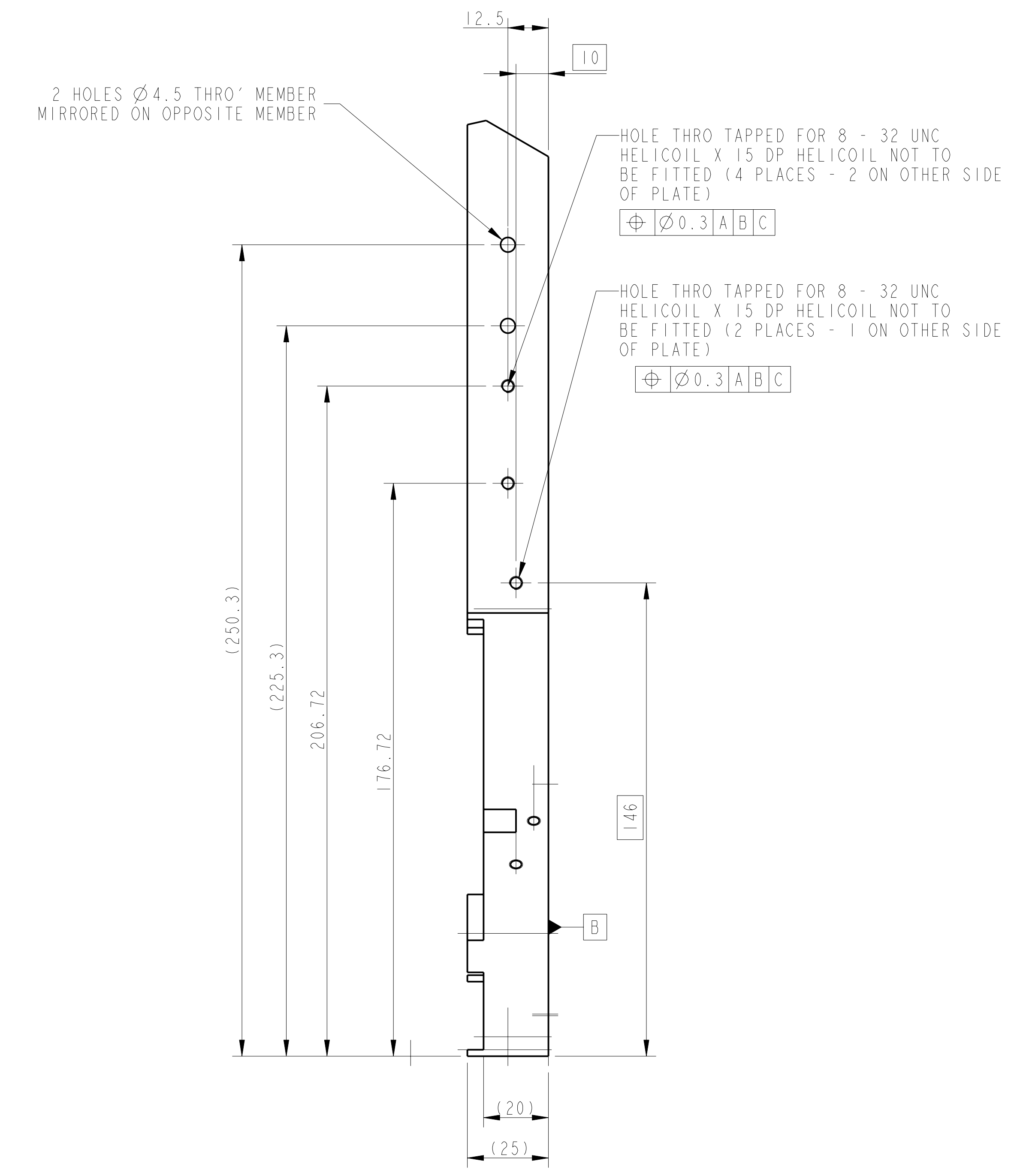
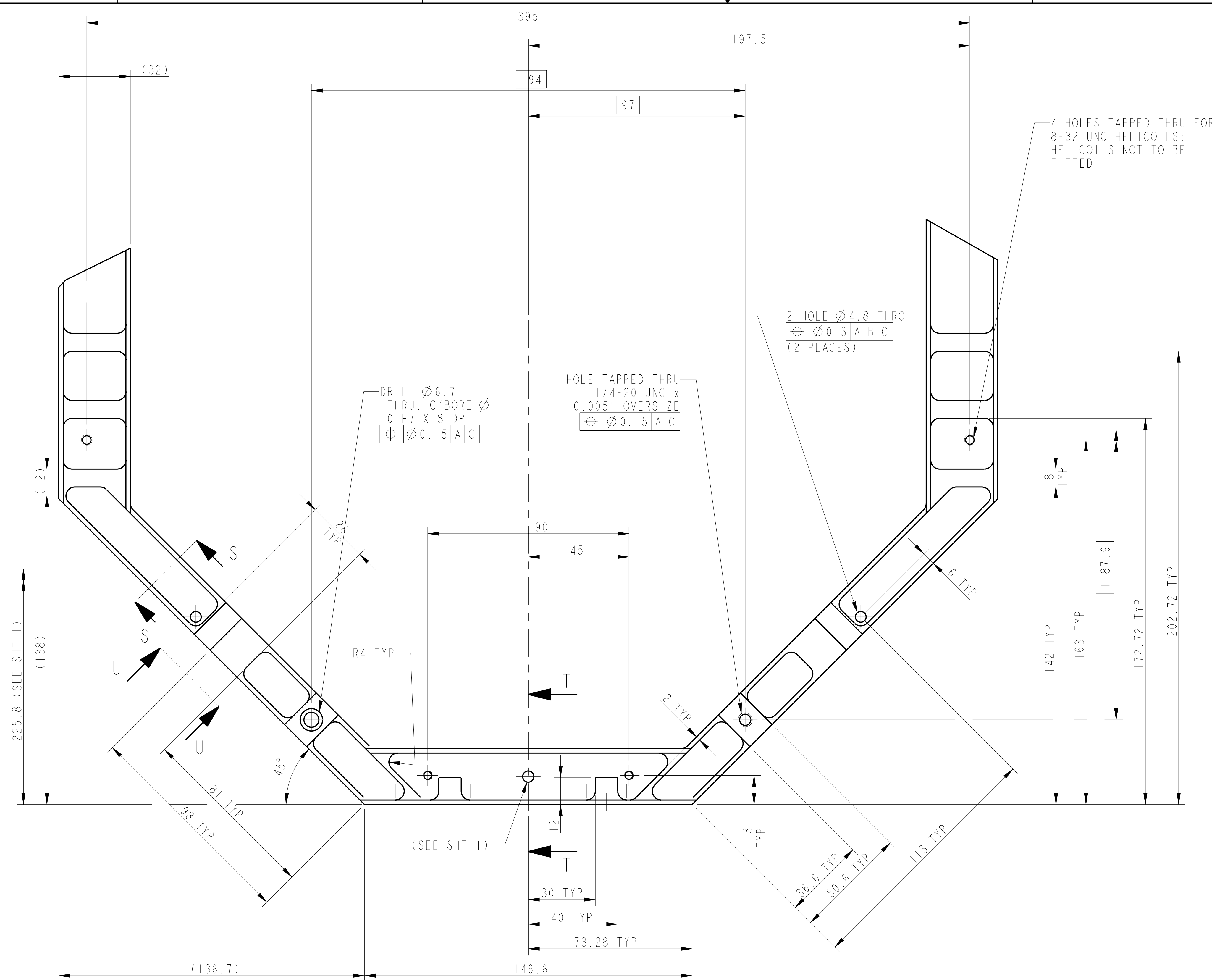


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- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE SPECIFIED.

DATE:	1/20/2020	DESIGNED BY:	ADVANCED LIGO
DRAWN BY:	ADVANCED LIGO	CHECKED BY:	ADVANCED LIGO
APPROVED BY:	ADVANCED LIGO	SCALE:	AS SHOWN
PROJECT:	ADVANCED LIGO	SHEET NO.:	1 OF 1
ISSUE:	1.0	DATE:	1/20/2020

CALIFORNIA INSTITUTE OF TECHNOLOGY
 ADVANCED LIGO
 SYSTEM: ADVANCED LIGO
 SUB-SYSTEM: SUS
 PART ASSY: QUAD INPTYPE LOWER STRUCTURE
 PART NAME: LOWER STRUCTURE
 DRAWN BY: ADVANCED LIGO
 CHECKED BY: ADVANCED LIGO
 APPROVED BY: ADVANCED LIGO
 DATE: 1/20/2020
 SCALE: AS SHOWN
 SHEET NO. 1 OF 1



PARTIAL SECTION S-S
SHOWING DEPTH OF SECTION
SCALE 2:1

PARTIAL SECTION T-T
SHOWING DEPTH OF SECTION
SCALE 2:1

PARTIAL SECTION U-U
SHOWING HOLE POSITION
(TYP 2 PLACES)

NOTES: UNLESS OTHERWISE SPECIFIED:

- REMOVE ALL SHARP EDGES.
- ALL DIMENSIONS ARE IN INCHES.
- DO NOT SCALE FROM DRAWING.
- ALL WORKING DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.001 INCH UNLESS OTHERWISE SPECIFIED.
- ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.
- SECTION: CLEAN AND DEBURR.
- FINISH: AS SHOWN.
- PROCESSED CONDUCTIVELY.
- ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.
- EXAMPLE: SPECIFIED 001 - 4 VIBRATION.

DATE: 12/17/2013	SCALE: 1:1	DESIGNER: J. L. BROWN	APPROVED: J. L. BROWN
MATERIAL: ALUMINUM ALLOY		PART NAME: QUAD INPTYPE LOWER STRUCTURE	
PART NAME: INNER FACE PLATE		SUB-SYSTEM: SUS	
PART NO. 000402		REV. NO. 1	