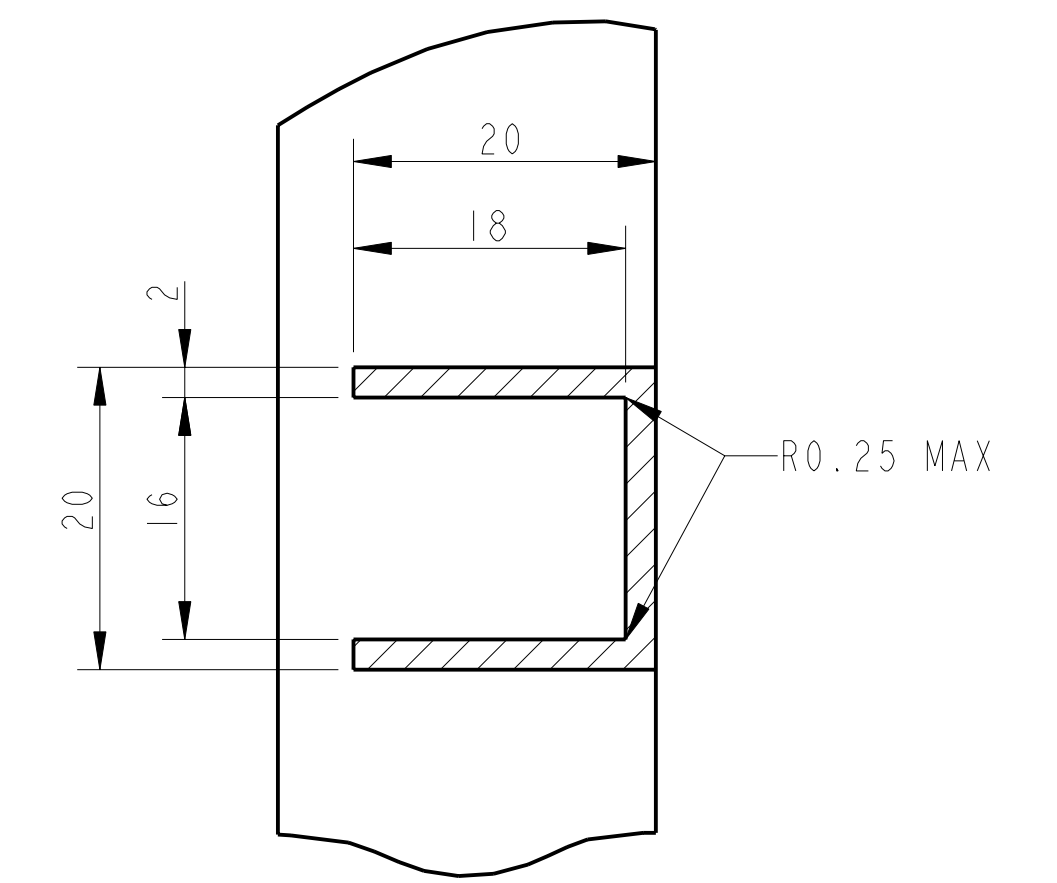
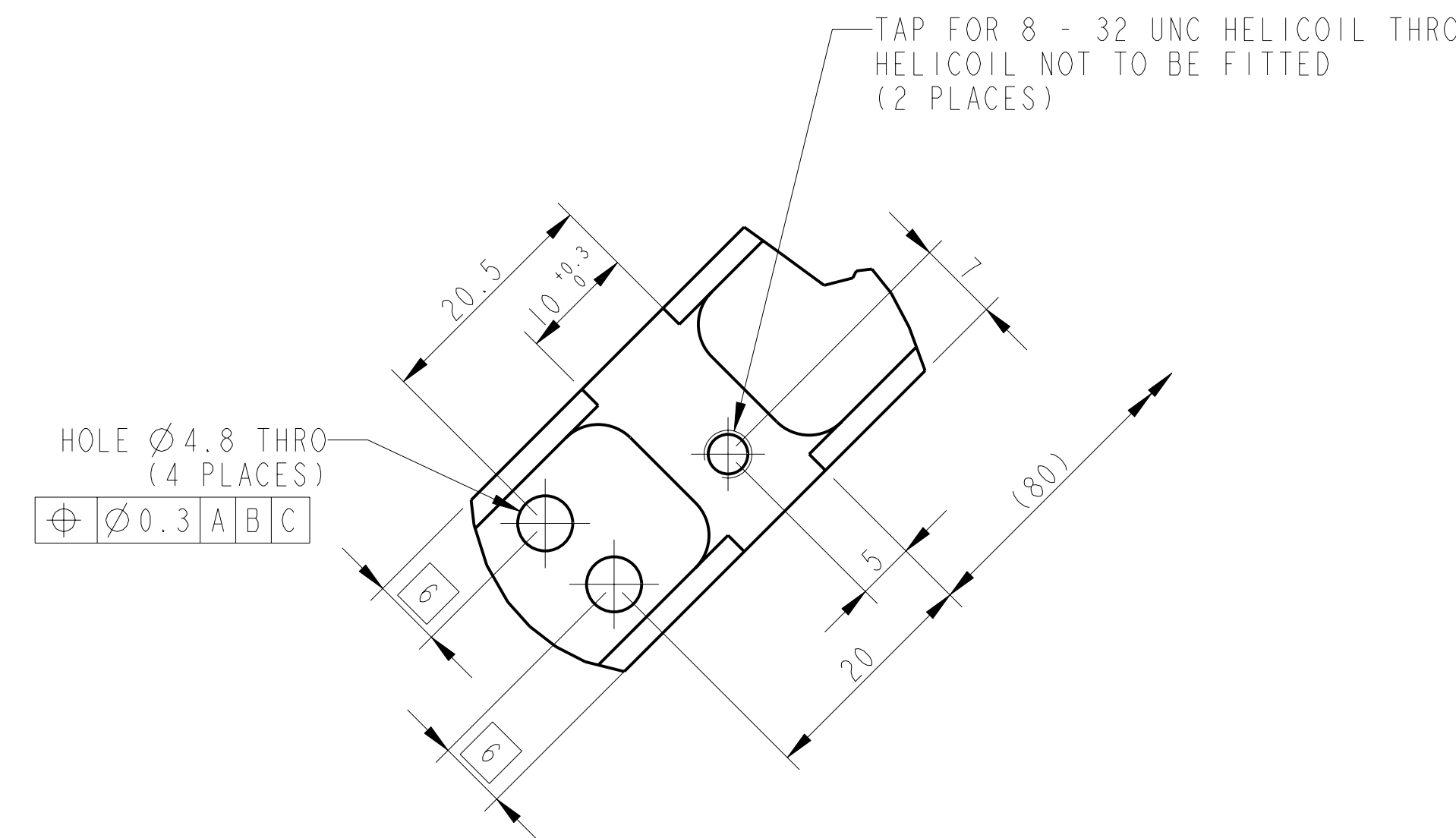


SECTION E-E
SHOWING DEPTH OF SECTION
SCALE 2:1



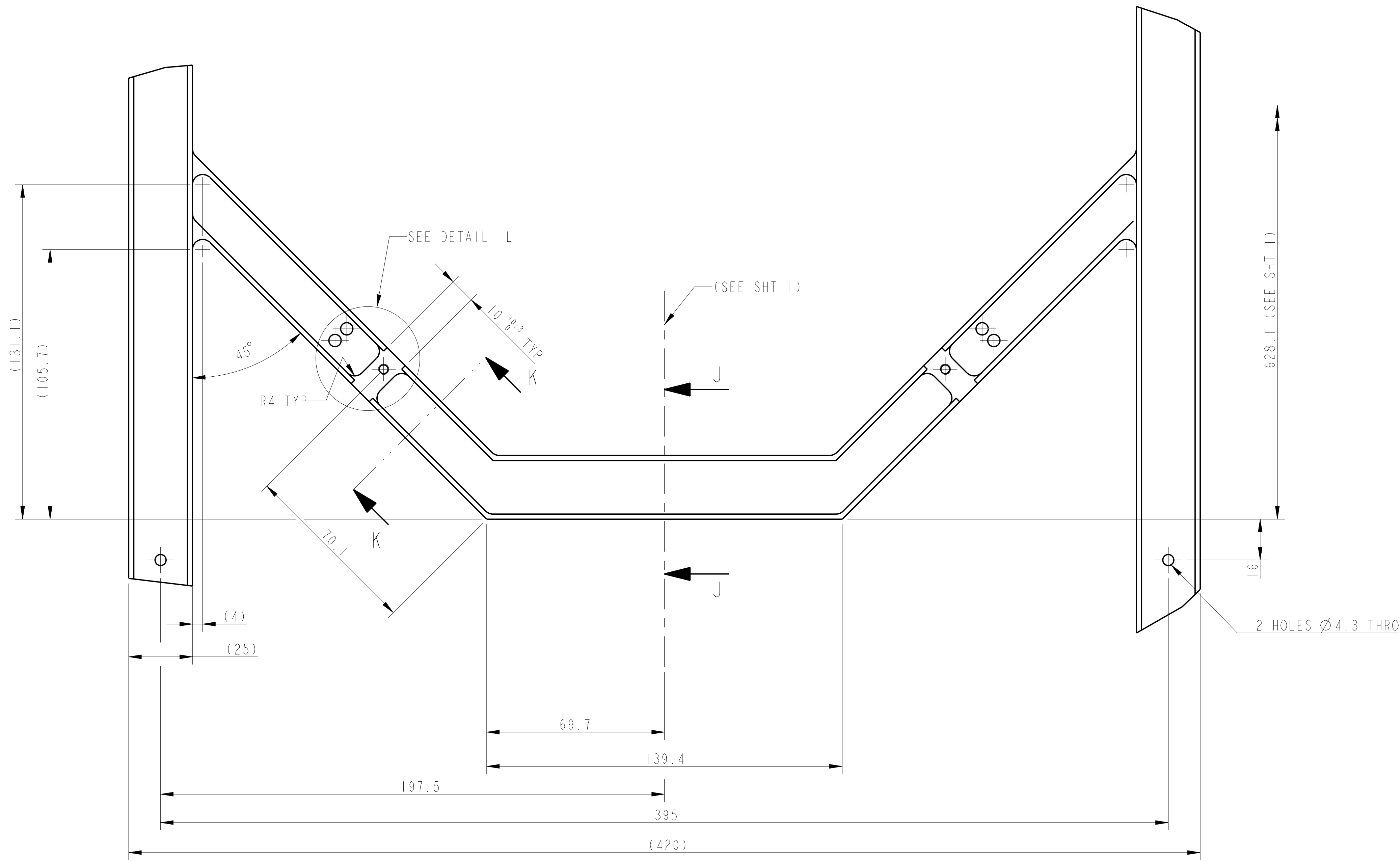
PARTIAL SECTION F-F
SHOWING DEPTH OF SECTION
SCALE 2:1

DETAIL D
(SEE SHT 1)
SCALE 1:1

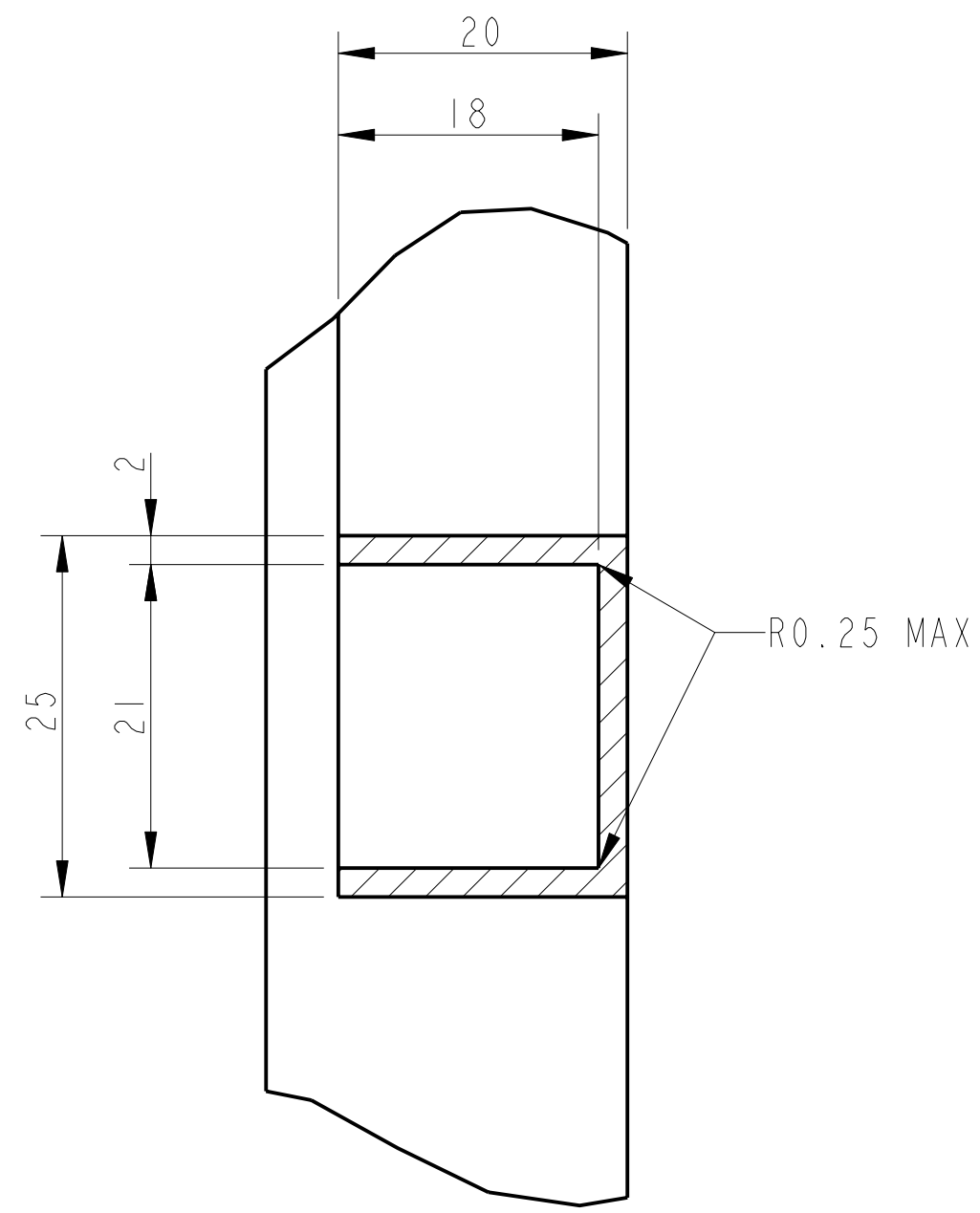


DETAIL G
SHOWING HOLE DETAILS
SCALE 2:1

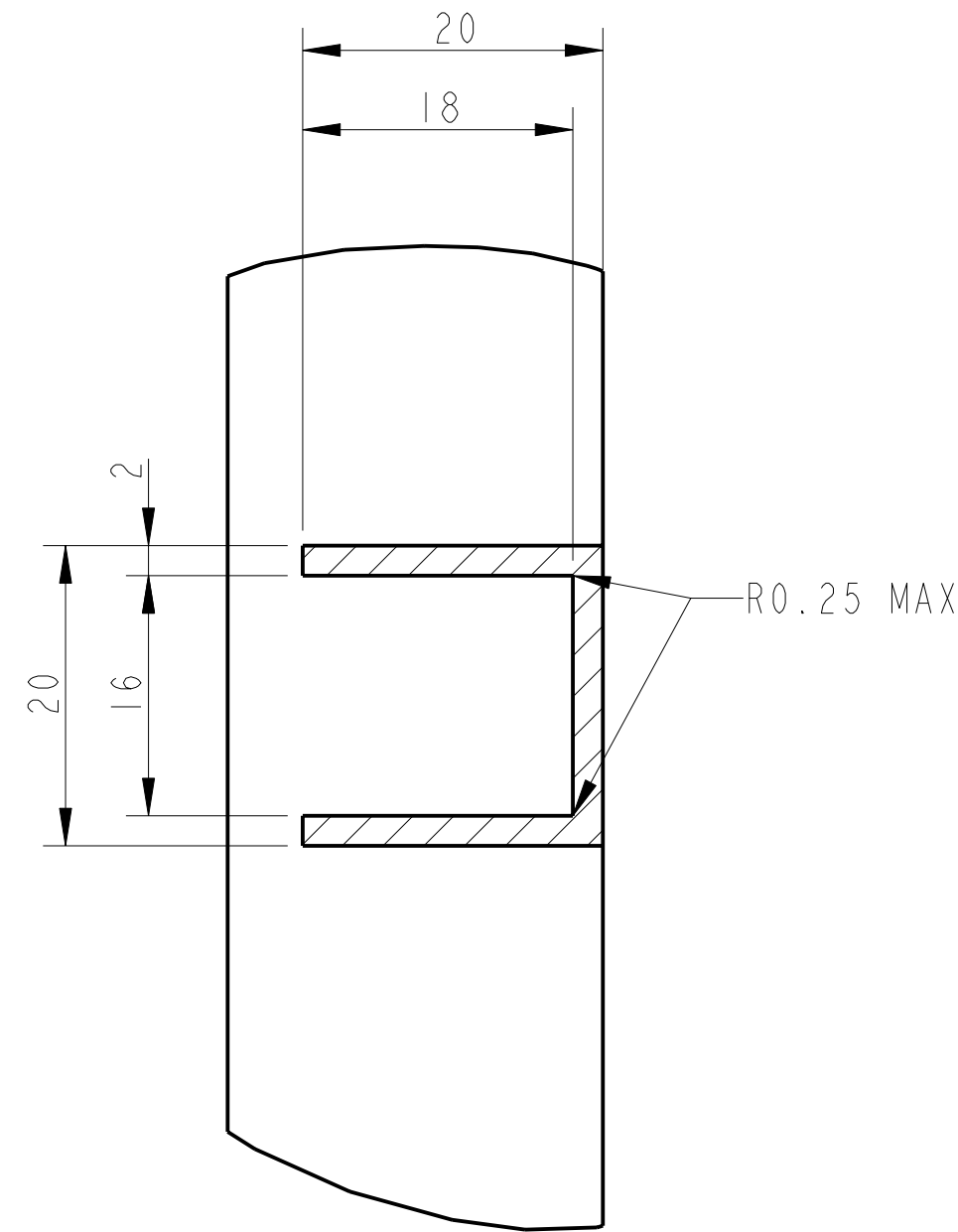
NOTES: UNLESS OTHERWISE SPECIFIED		CALIFORNIA INSTITUTE OF TECHNOLOGY	
1. REMOVE ALL SHARP EDGES.	2. DIMENSIONS ARE IN MILLIMETERS	3. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE AS MANUFACTURED.	4. MATERIAL: ALUMINUM ALLOY
5. DIMENSIONS ARE IN MILLIMETERS	6. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE AS MANUFACTURED.	7. DIMENSIONS ARE IN MILLIMETERS	8. MATERIAL: ALUMINUM ALLOY
9. DIMENSIONS ARE IN MILLIMETERS	10. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE AS MANUFACTURED.	11. DIMENSIONS ARE IN MILLIMETERS	12. MATERIAL: ALUMINUM ALLOY
13. DIMENSIONS ARE IN MILLIMETERS	14. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE AS MANUFACTURED.	15. DIMENSIONS ARE IN MILLIMETERS	16. MATERIAL: ALUMINUM ALLOY
17. DIMENSIONS ARE IN MILLIMETERS	18. SURFACE FINISH: UNLESS OTHERWISE SPECIFIED, ALL SURFACES SHALL BE AS MANUFACTURED.	19. DIMENSIONS ARE IN MILLIMETERS	20. MATERIAL: ALUMINUM ALLOY
PART NAME: OUTER FACE PLATE		SUB-SYSTEM: SUS	
DRAWN: S. BUTTERFIELD		CHECKED: J. S. BOUTERFIELD	
DATE: 02/15/2011		SCALE: 2:1	
PROJECT: 001 - 4 VIBRATION		DRAWING NO. 002-014	
SHEET NO. 2		TOTAL SHEETS 2	



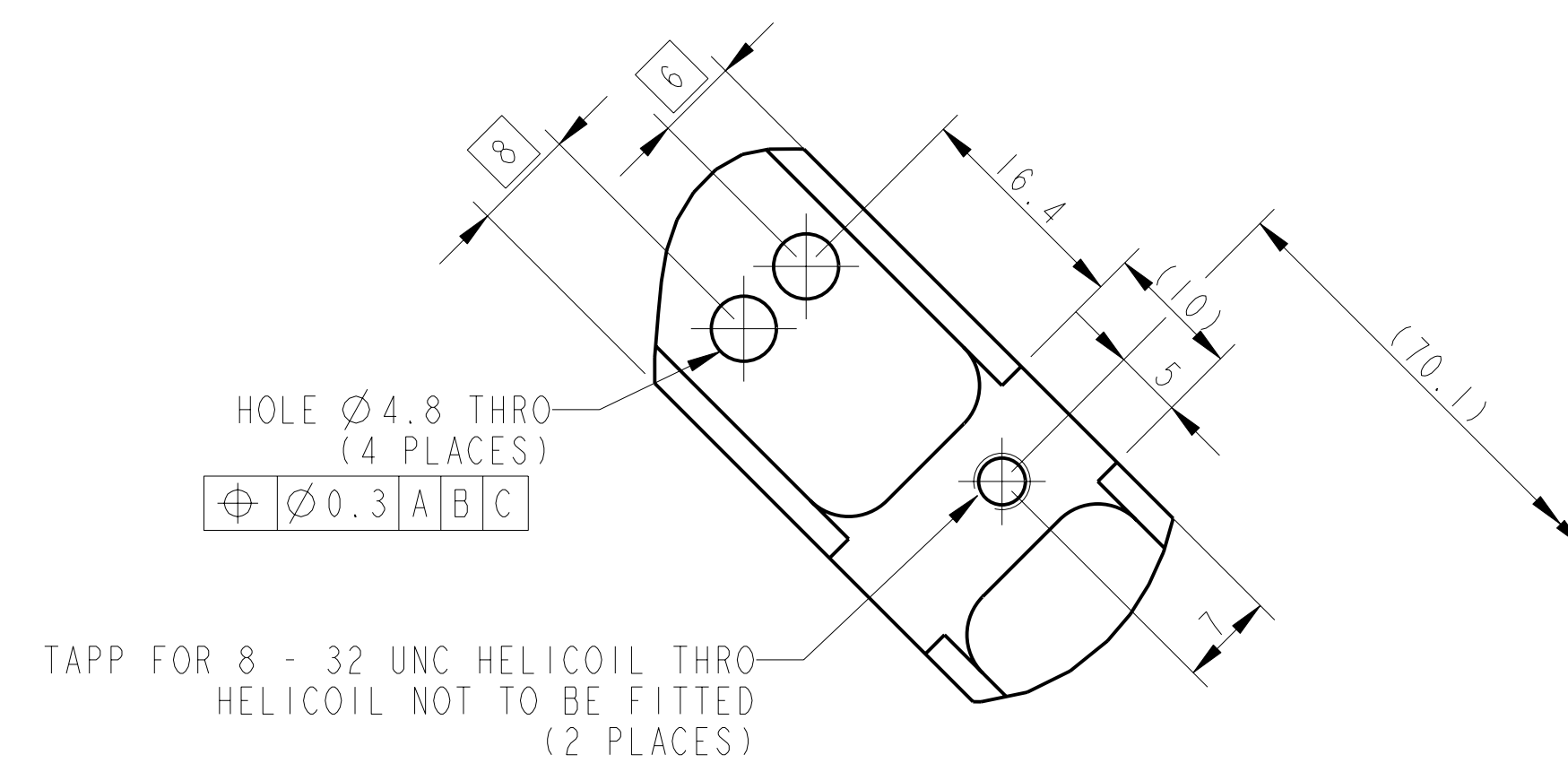
DETAIL H
(SEE SHT 1)
SCALE 1:1



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

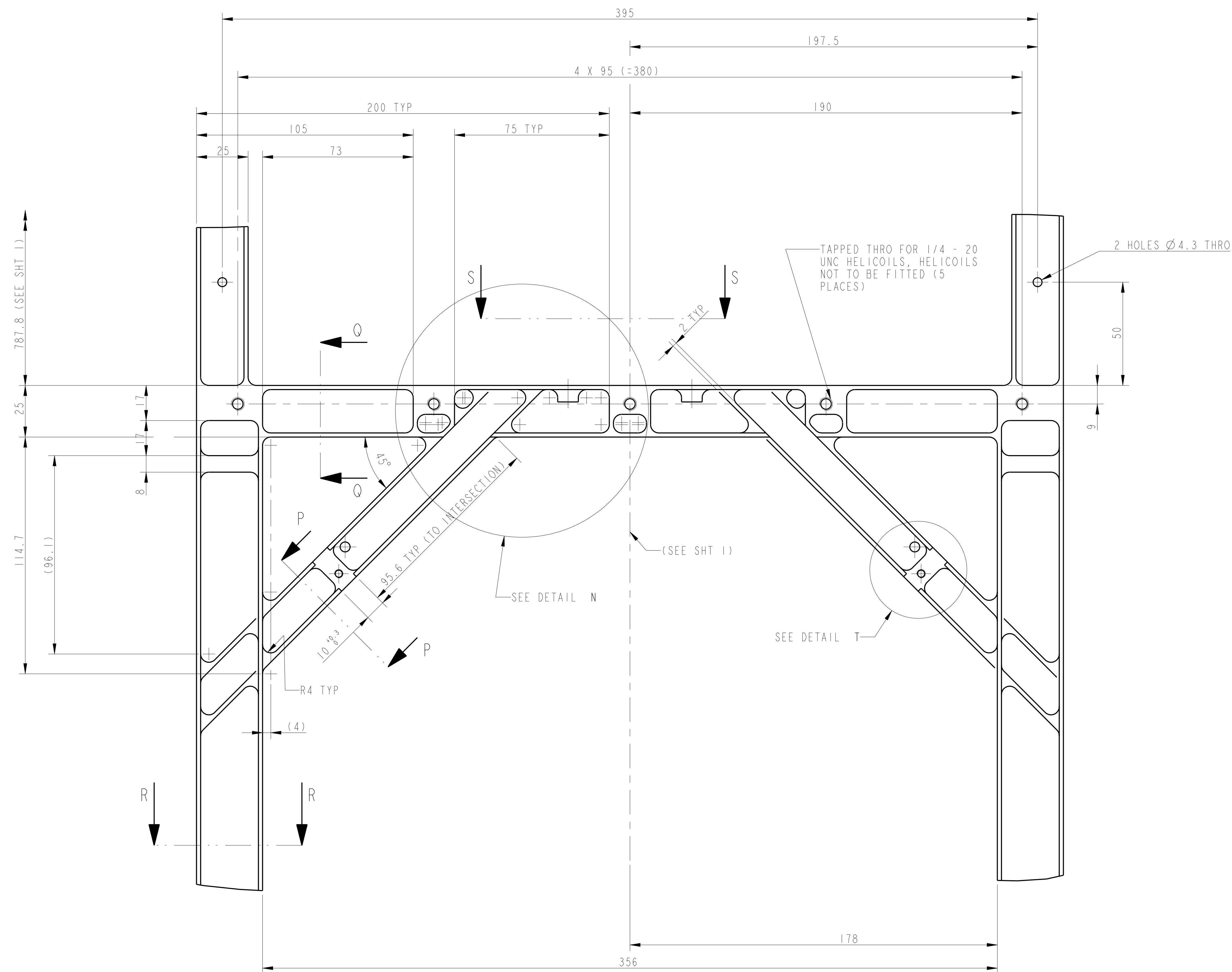


PARTIAL SECTION K-K
SHOWING DEPTH OF SECTION
SCALE 2:1

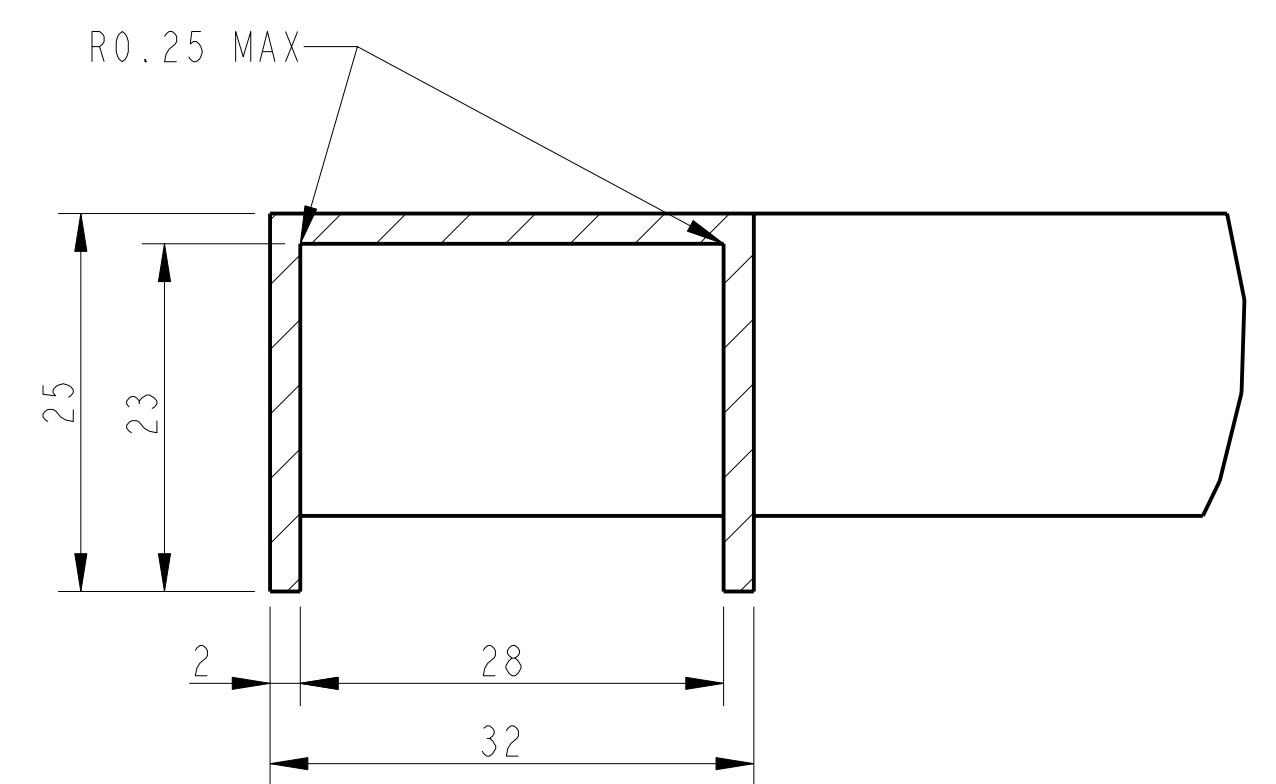


DETAIL L
SHOWING HOLE DETAILS
SCALE 2:1

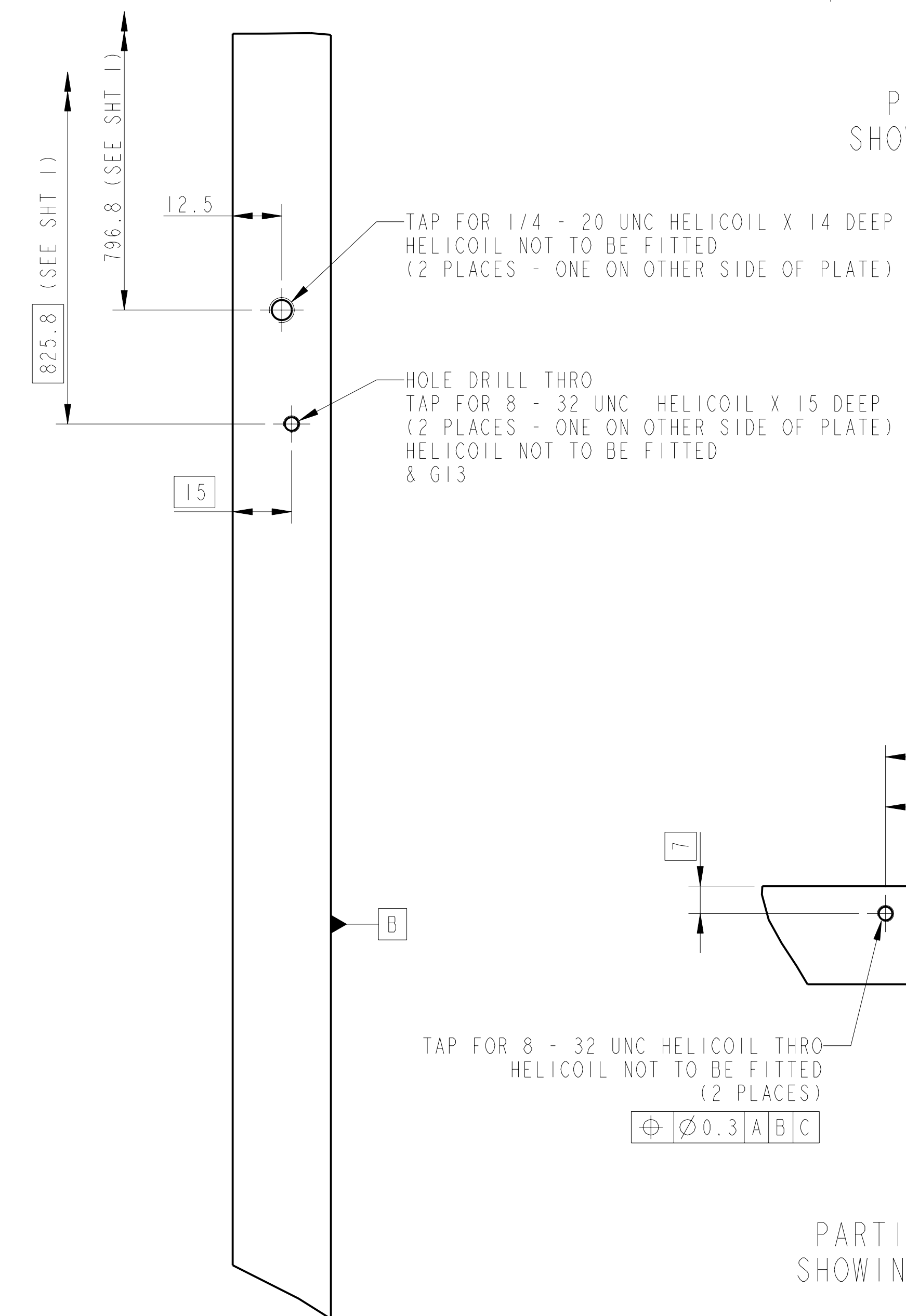
NOTES: UNLESS OTHERWISE SPECIFIED		CALIFORNIA INSTITUTE OF TECHNOLOGY	
1. REMOVE ALL SHARP EDGES.	DIMENSIONS ARE IN mm UNLESS INDICATED OTHERWISE.	UNIVERSITY OF CALIFORNIA	ADVANCED LIGO
2. DO NOT SCALE FROM DRAWING.		SYSTEM	ADVANCED LIGO
3. ALL WORKING DIMENSIONS SHALL BE GIVEN TO THE NEAREST 0.01 mm UNLESS OTHERWISE INDICATED.		SUB-SYSTEM	SUS
4. SURFACE FINISH SHALL BE AS SPECIFIED IN THE DRAWING OR AS SHOWN IN THE PHOTOGRAPH OF THE SURFACE OF THE PART AND A THREE DIGIT SERIAL NUMBER SHALL BE MARKED ON THE SURFACE OF THE PART.		MATERIAL	304 STAINLESS STEEL
5. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		FINISH	RA 0.8
6. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		PART NAME	QUAD INFLYER LOWER STRUCTURE
7. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		TITLE 1	
8. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		TITLE 2	
9. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		DATE	
10. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		APPROVED	
11. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		DESIGNED	
12. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		CHECKED	
13. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		DATE	
14. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		BY	
15. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.		DATE	



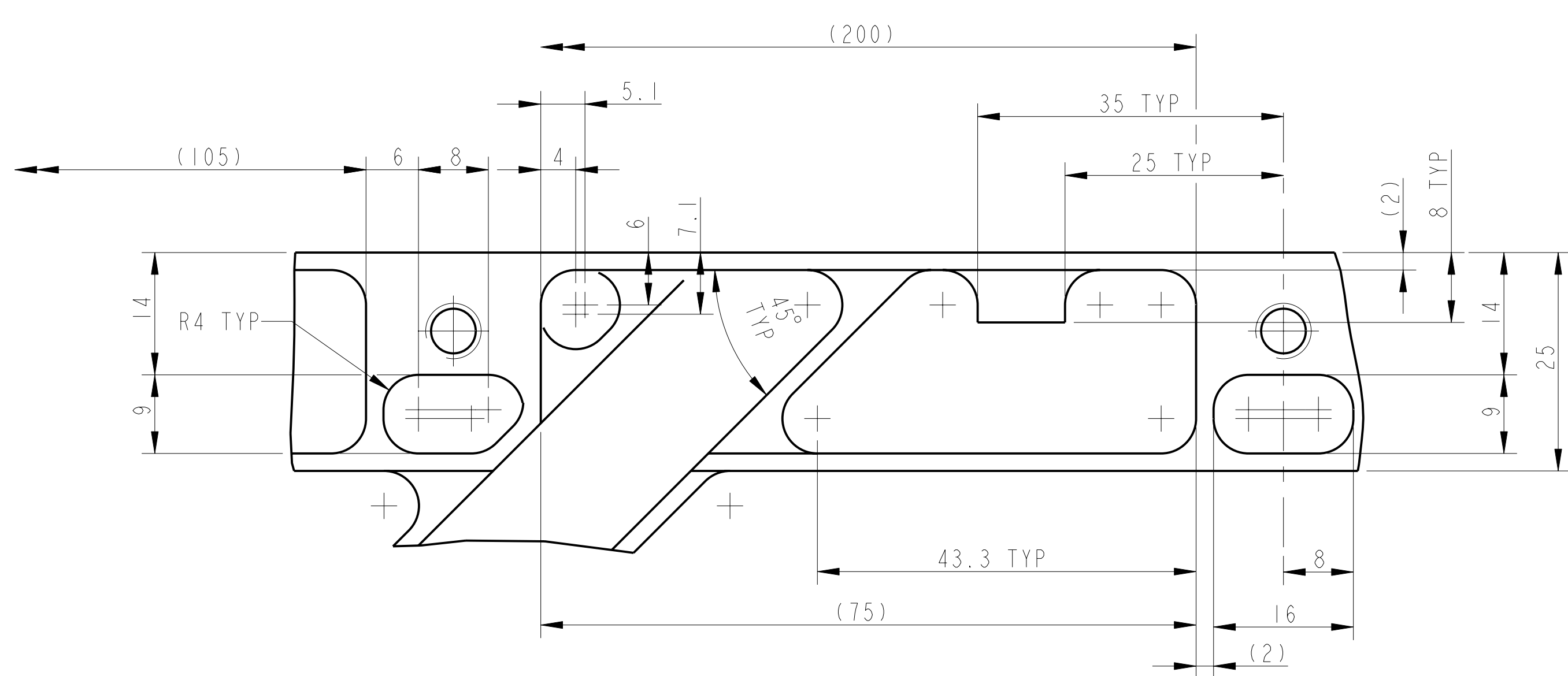
DETAIL M
(SEE SHT 1)
SCALE 1:1



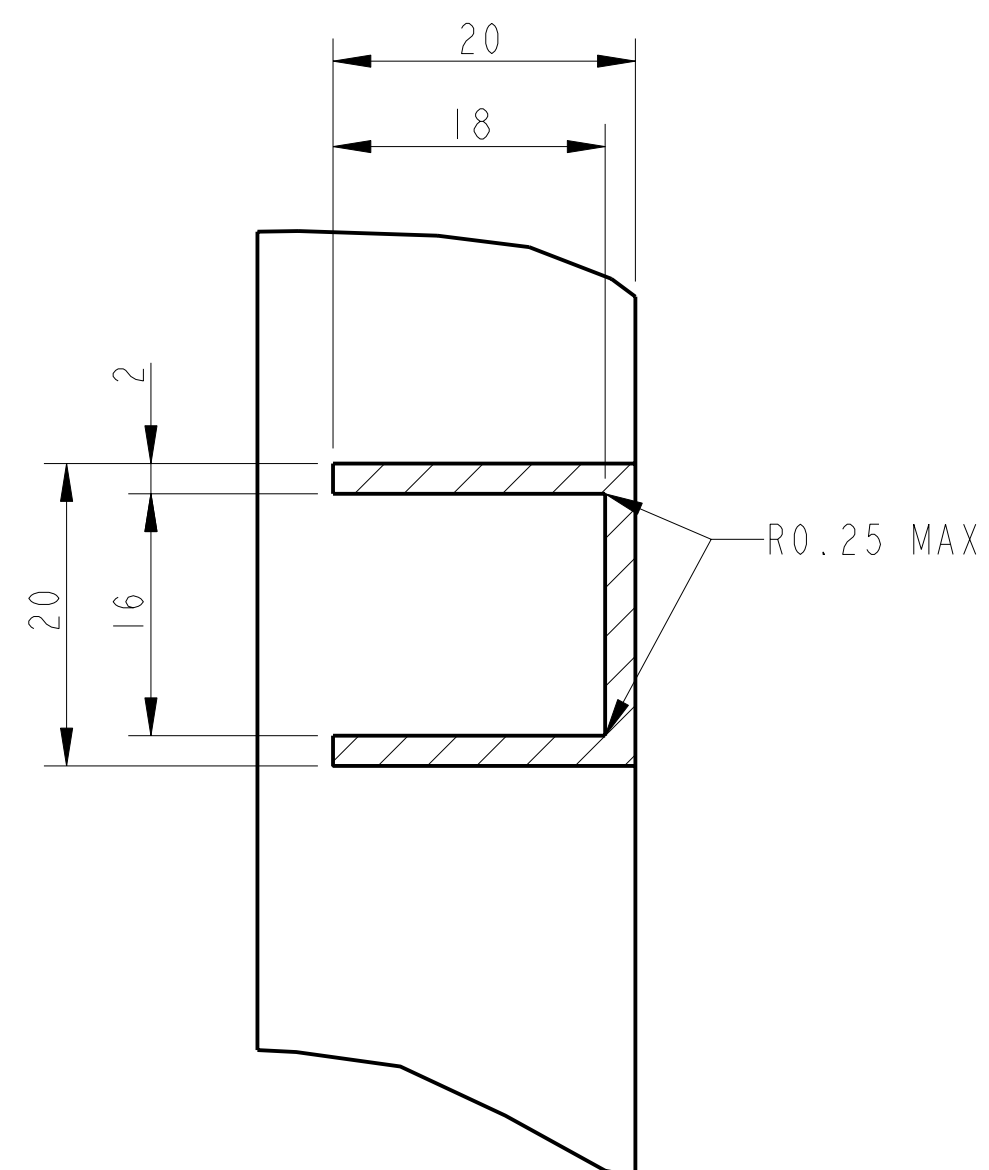
PARTIAL SECTION R-R
SHOWING DEPTH OF SECTION
SCALE 2:1



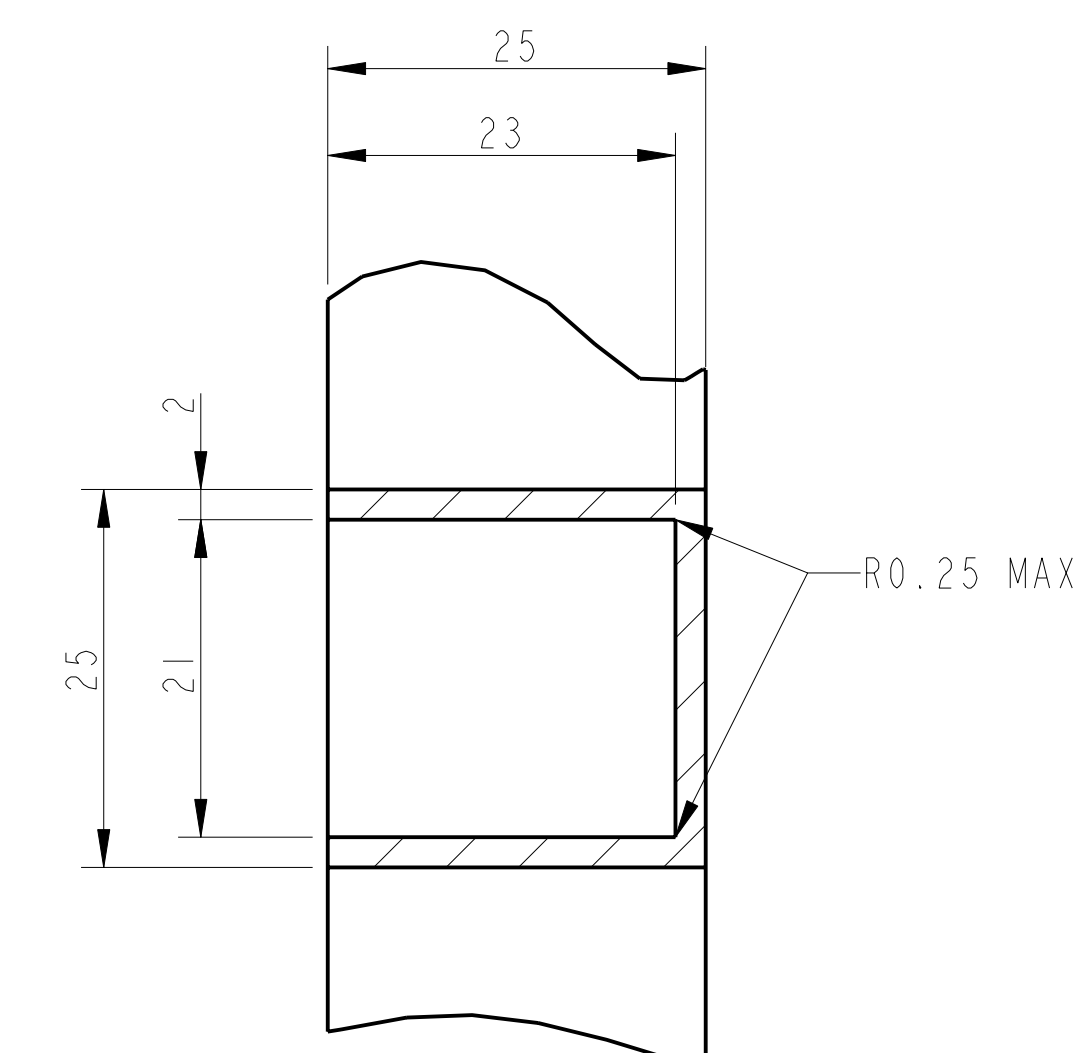
PARTIAL SECTION S-S
SHOWING HOLE POSITIONS
SCALE 1:1



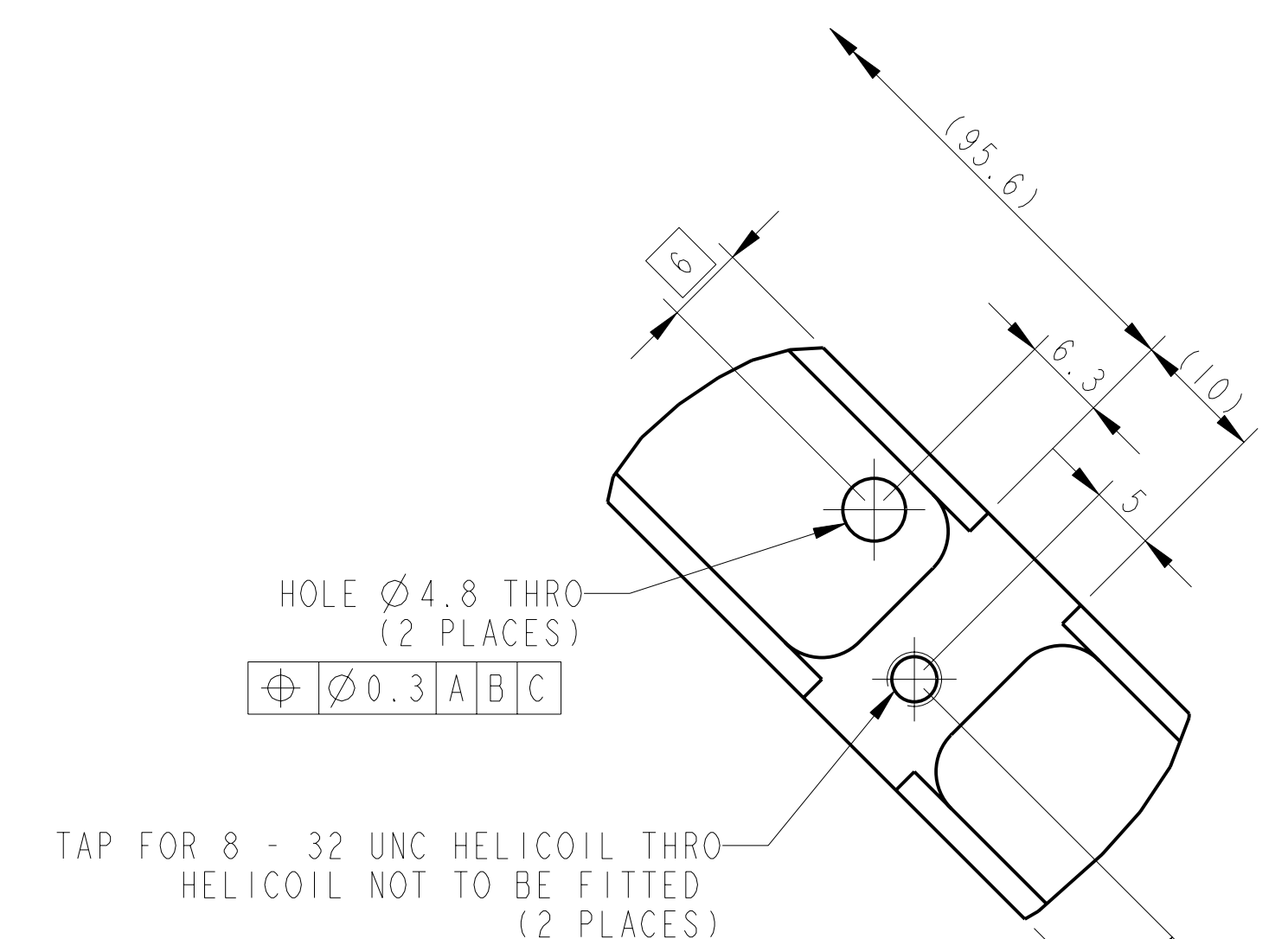
DETAIL N
SCALE 2:1



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



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



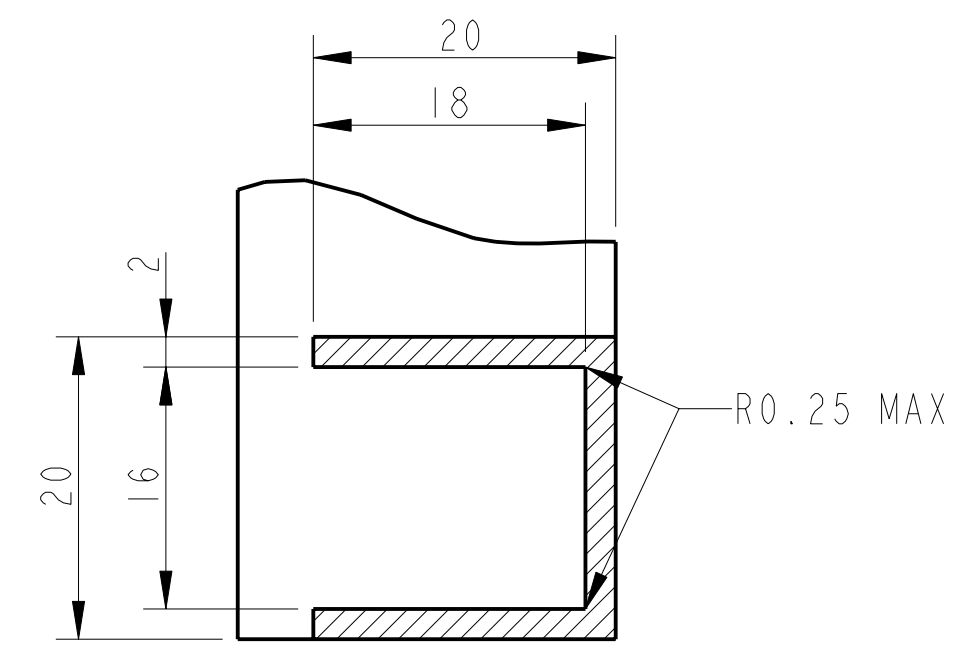
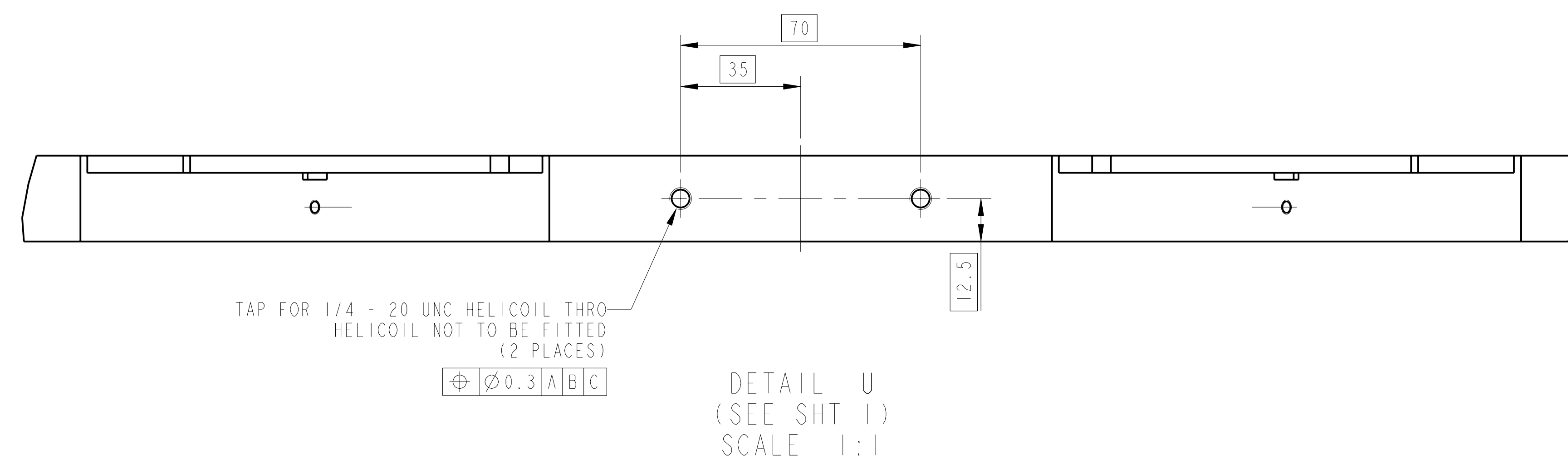
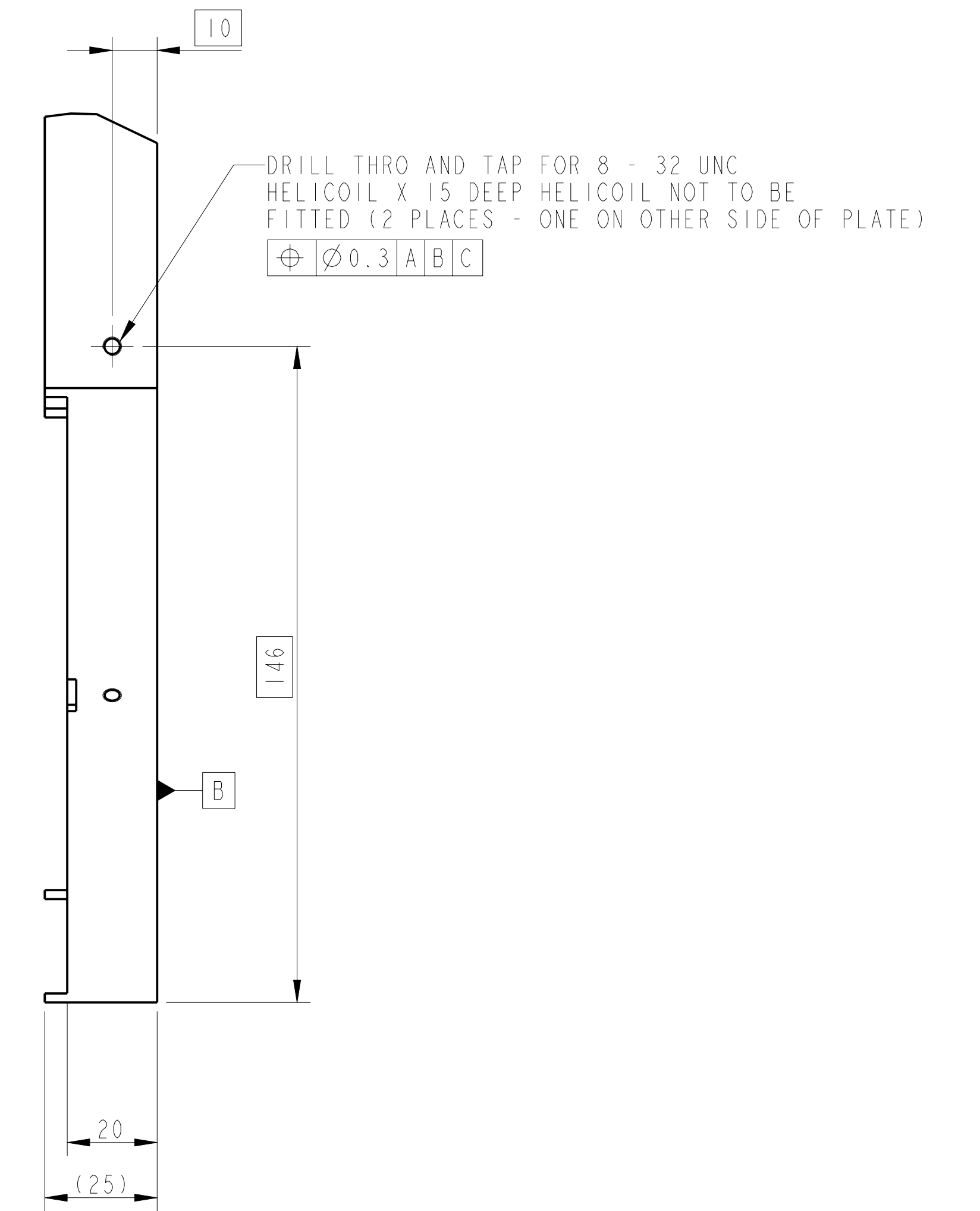
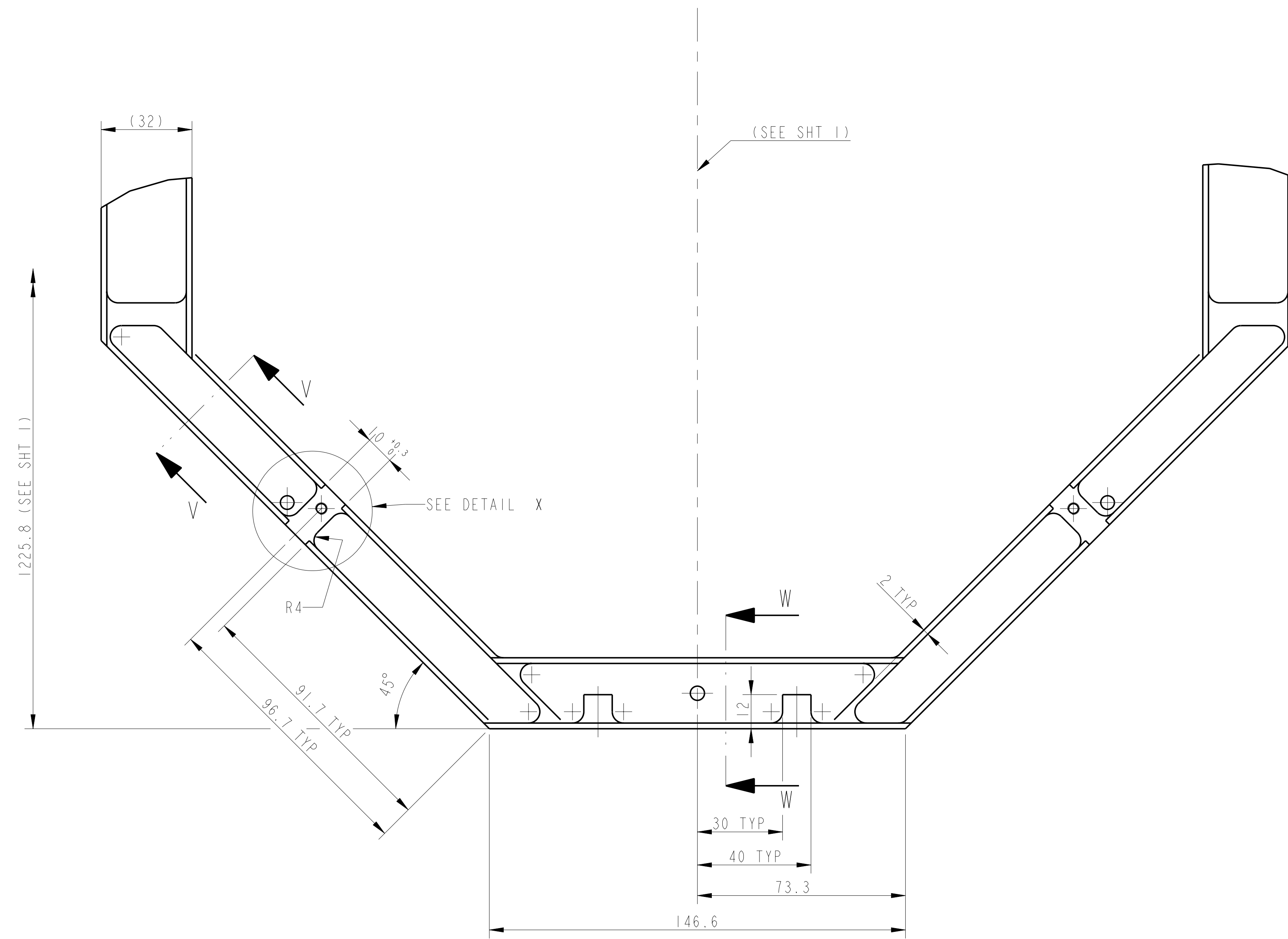
DETAIL T
SHOWING HOLE POSITIONS
SCALE 2:1

NOTES: UNLESS OTHERWISE SPECIFIED:

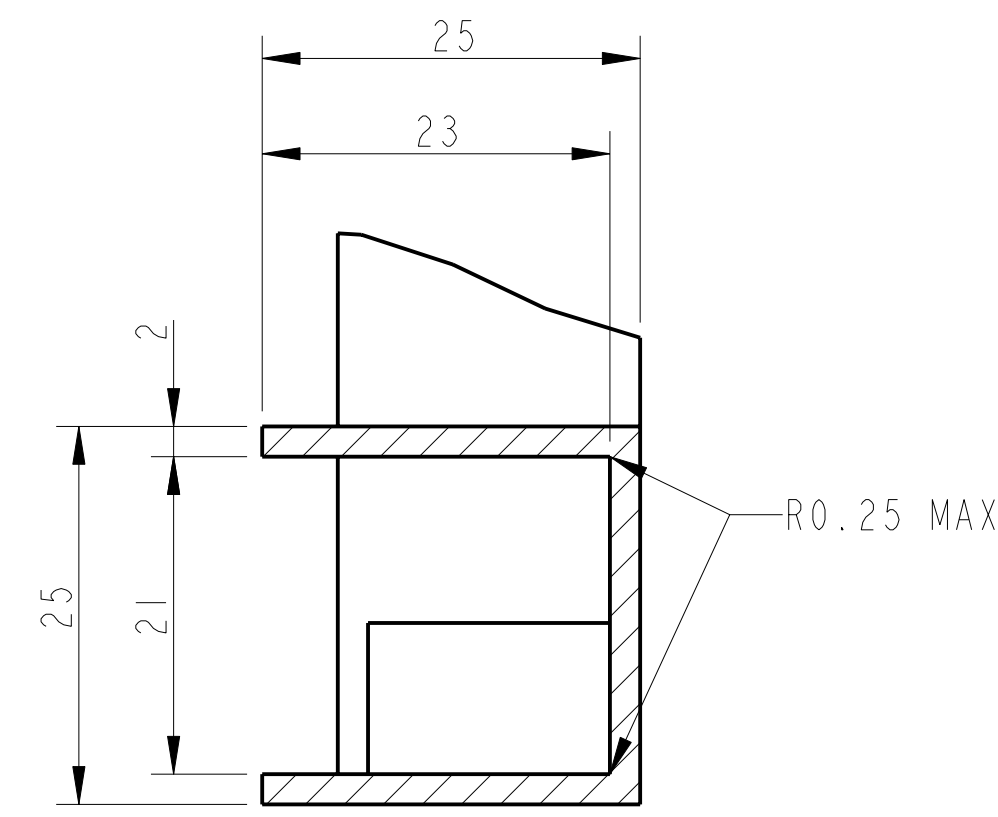
1. FINISH ALL SHARP EDGES.
2. ALL DIMENSIONS ARE IN INCHES.
3. DO NOT SCALE FROM DRAWING.
4. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
5. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
6. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
7. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
8. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
9. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.
10. ALL DIMENSIONS ARE TO BE TAKEN FROM THE CENTER OF THE HOLE UNLESS OTHERWISE SPECIFIED.

DATE	DESIGNED BY	CHECKED BY	APPROVED BY
10/1/00	J. J. J.	J. J. J.	J. J. J.

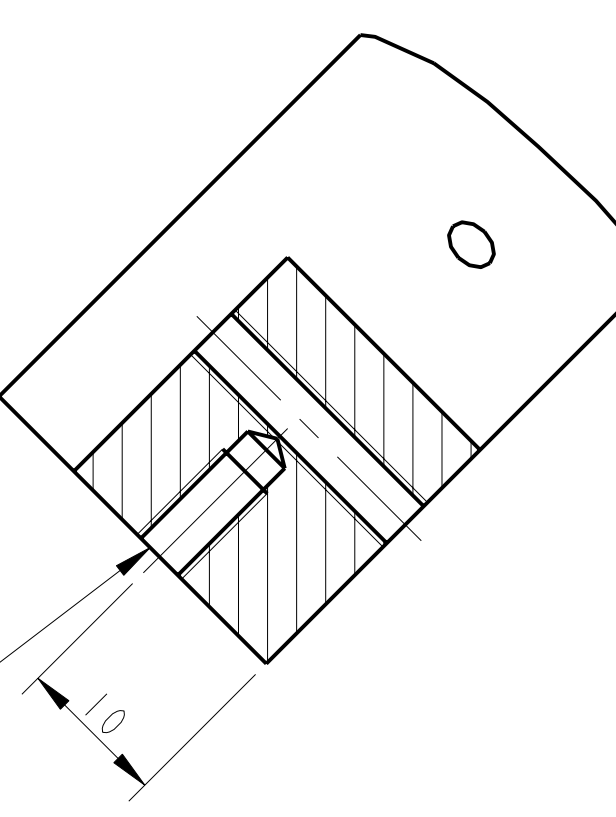
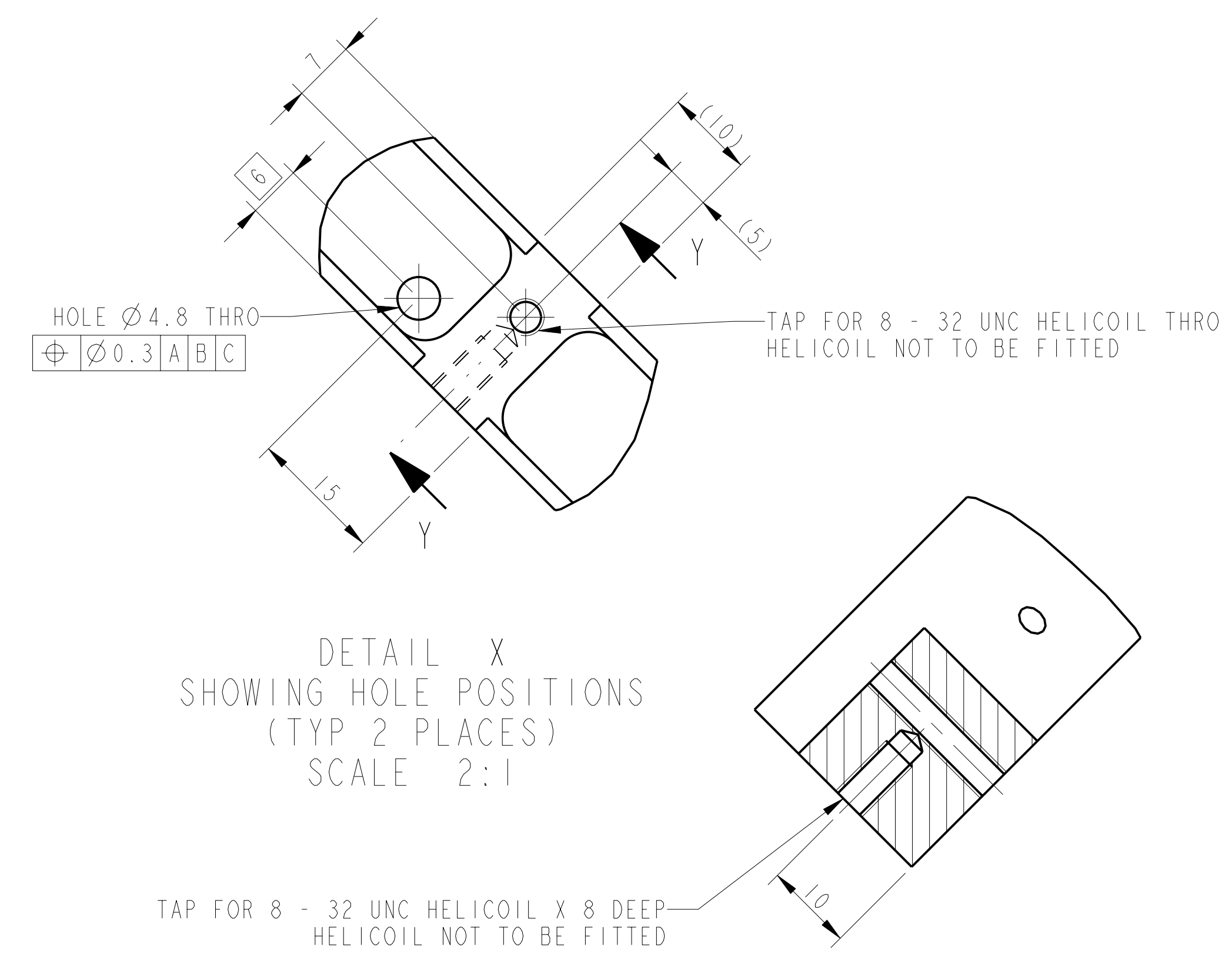
CALIFORNIA INSTITUTE OF TECHNOLOGY
ADVANCED LIGO
SUB-SYSTEM SUS
PART NAME: QUAD INPTYPE LOWER STRUCTURE
TITLE 2
REV. NO. 1



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



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



NOTES: UNLESS OTHERWISE SPECIFIED:

1. REMOVE ALL SHARP EDGES.
2. DO NOT SCALE FROM DRAWING.
3. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN MILLIMETERS.
4. SURFACE FINISH SHALL BE AS SPECIFIED IN THE DRAWING.
5. ALL DIMENSIONS SHALL BE TO UNLESS OTHERWISE SPECIFIED.
6. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
7. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
8. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
9. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
10. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
11. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
12. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
13. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
14. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
15. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
16. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
17. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
18. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.
19. DIMENSIONS TO SURFACE UNLESS OTHERWISE SPECIFIED.
20. DIMENSIONS TO CENTER UNLESS OTHERWISE SPECIFIED.

DATE: 10/15/2014	DESIGNER: J. B. BROWN	CHECKED: J. B. BROWN	APPROVED: J. B. BROWN
PROJECT: 001 - 4 VIBRATION	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: BUS	PART NAME: QUAD INPTYPE LOWER STRUCTURE
REV: 1	REV: 1	REV: 1	REV: 1
DATE: 10/15/2014	DESIGNER: J. B. BROWN	CHECKED: J. B. BROWN	APPROVED: J. B. BROWN
PROJECT: 001 - 4 VIBRATION	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: BUS	PART NAME: QUAD INPTYPE LOWER STRUCTURE
REV: 1	REV: 1	REV: 1	REV: 1
DATE: 10/15/2014	DESIGNER: J. B. BROWN	CHECKED: J. B. BROWN	APPROVED: J. B. BROWN
PROJECT: 001 - 4 VIBRATION	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: BUS	PART NAME: QUAD INPTYPE LOWER STRUCTURE
REV: 1	REV: 1	REV: 1	REV: 1