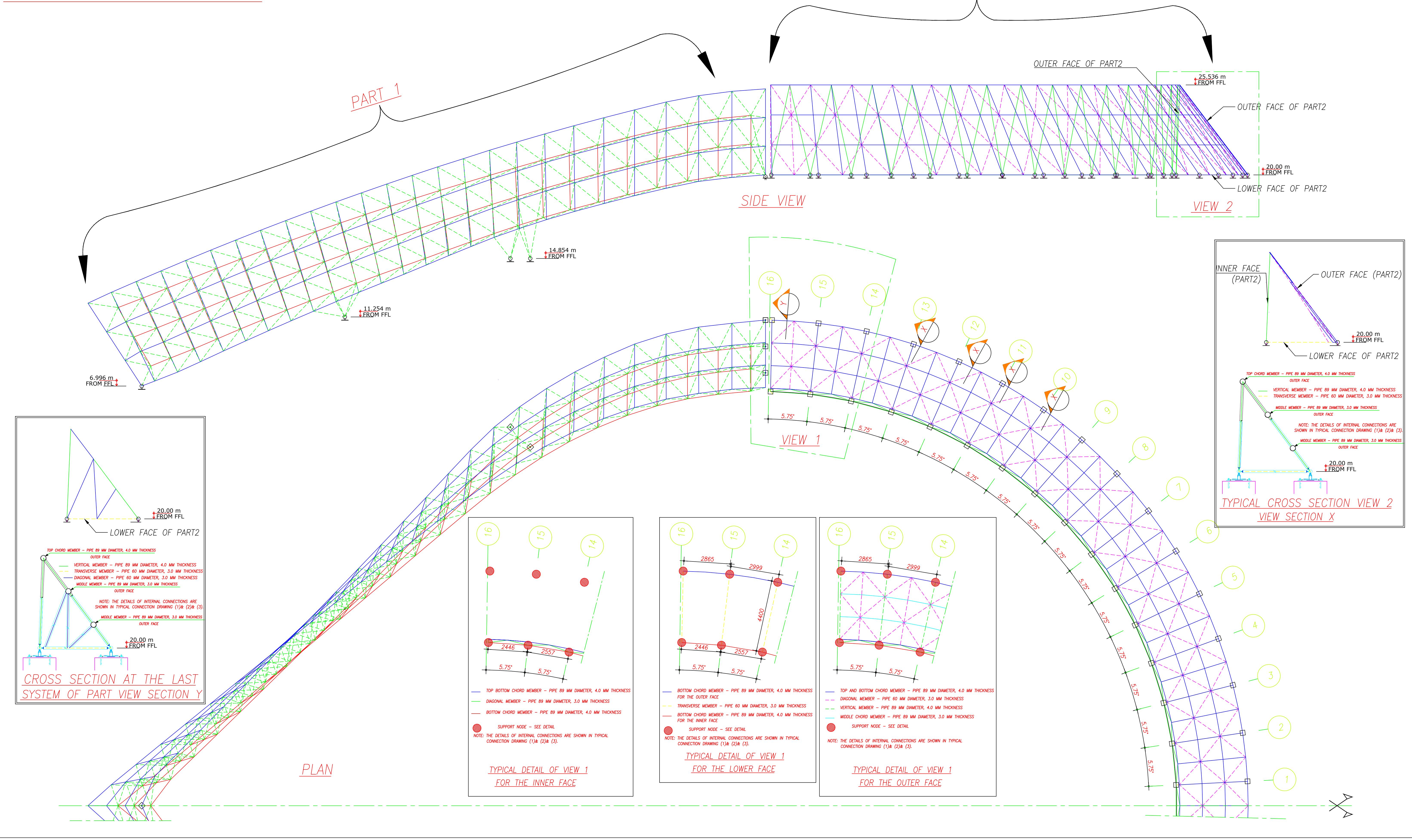
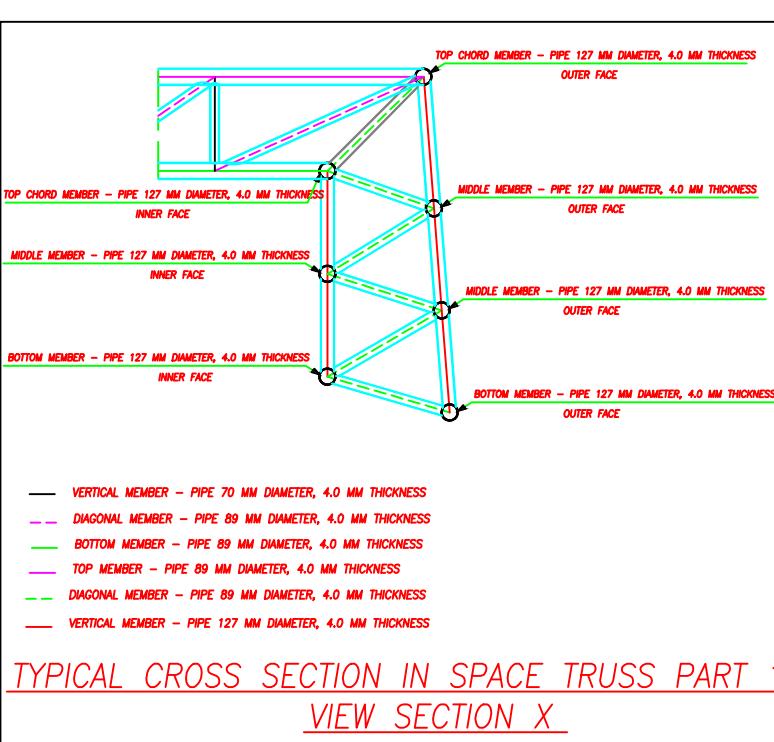
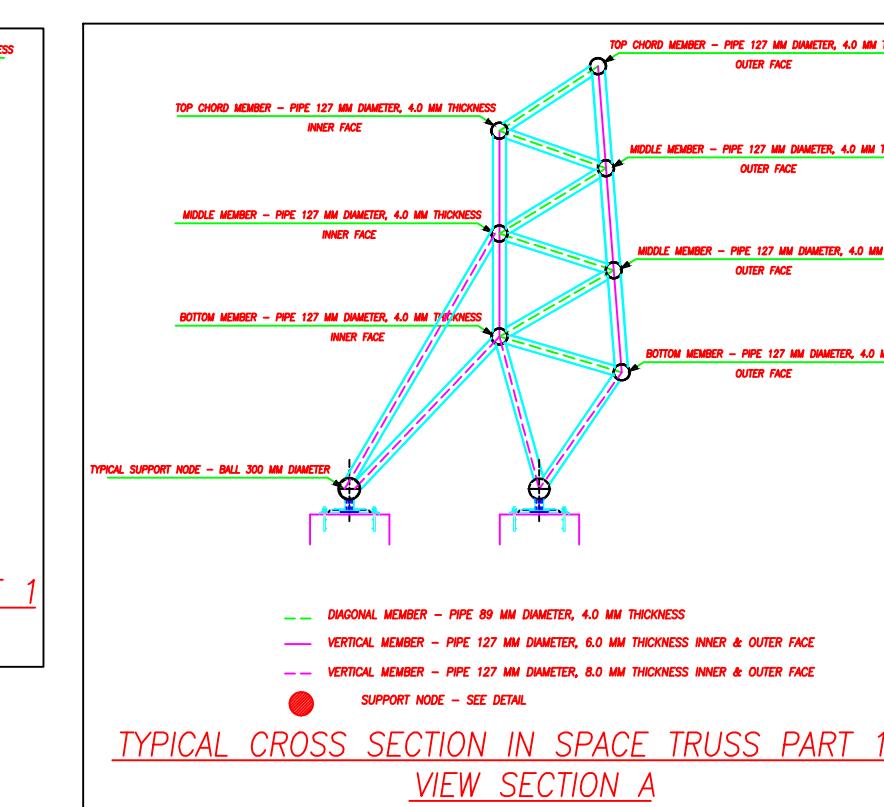
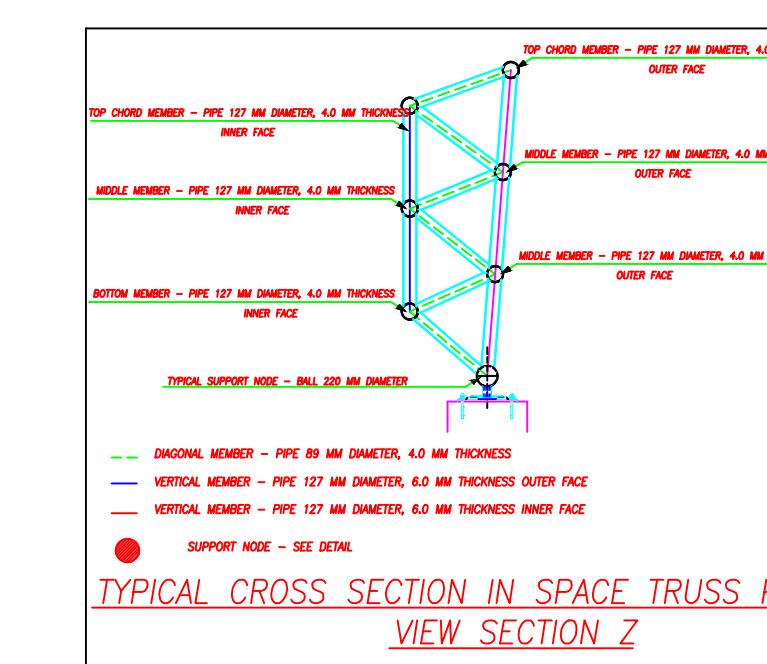
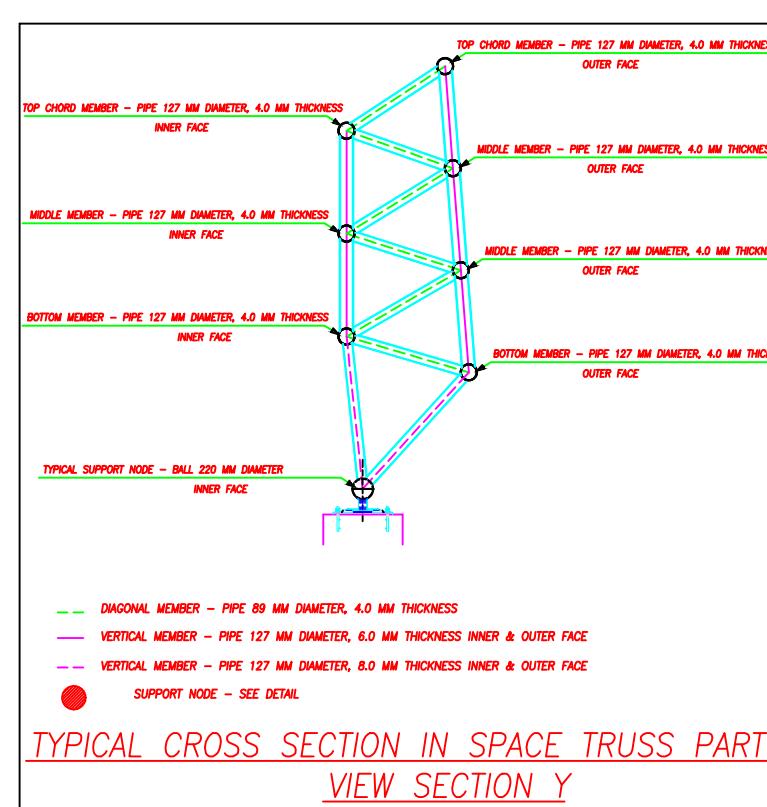
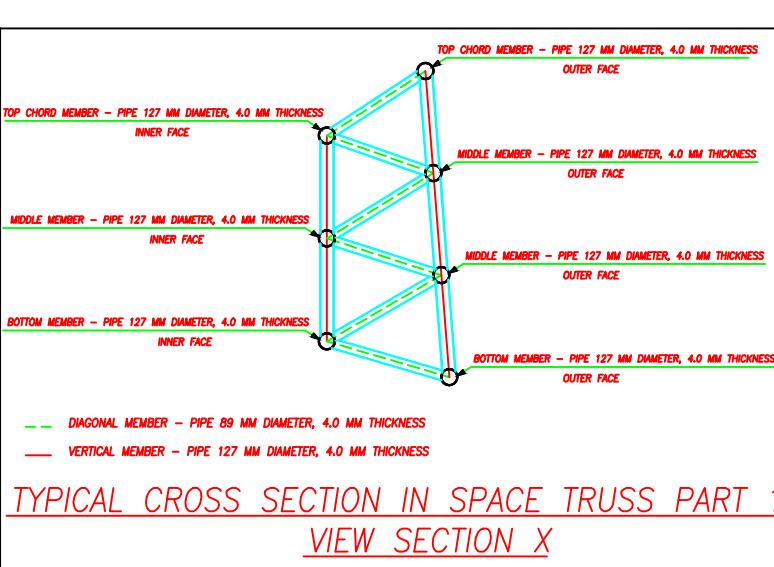
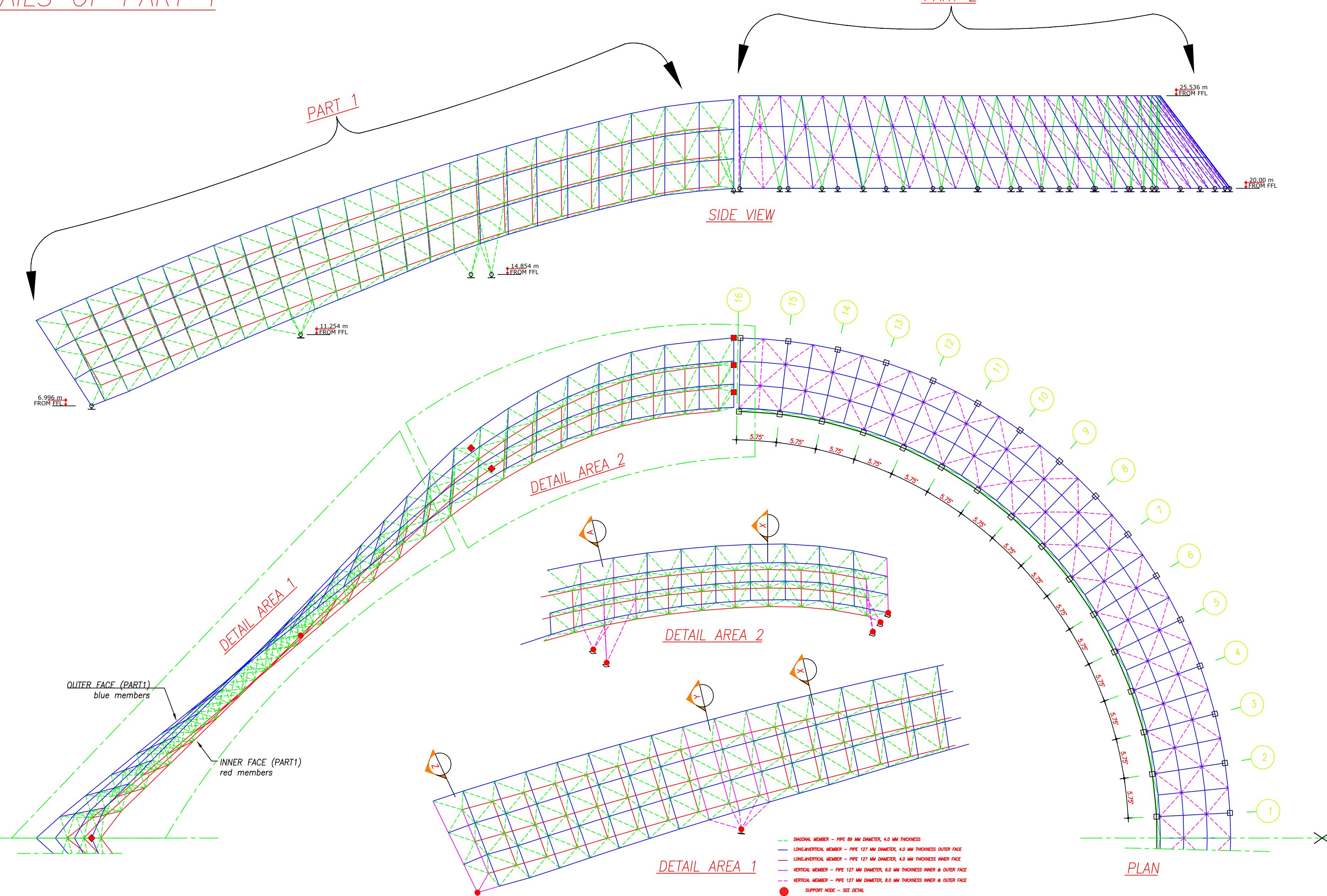


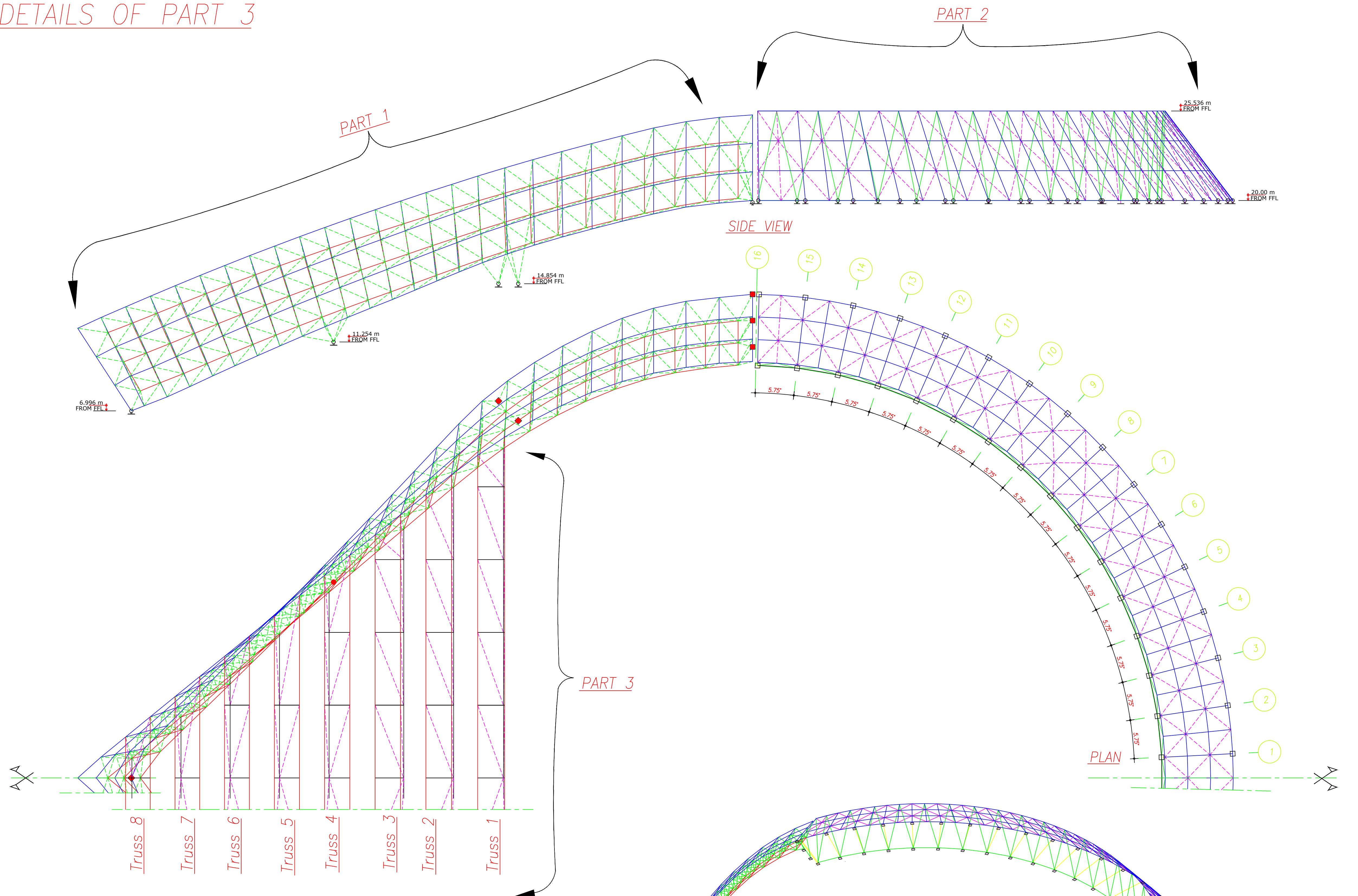
DETAILS OF PART 2



DETAILS OF PART 1

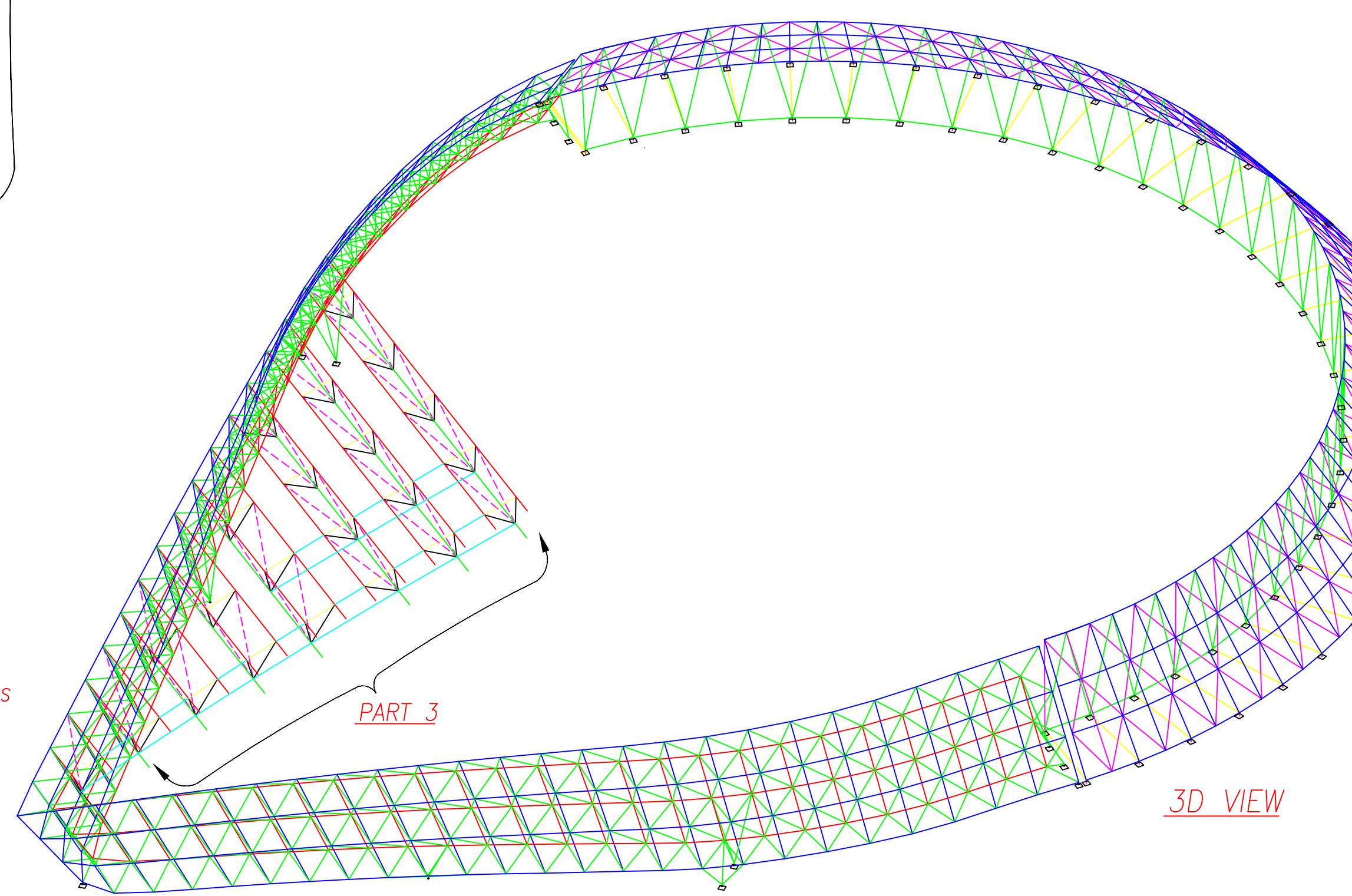


DETAILS OF PART 3



ELEMENTS OF PART 3

- DIAGONAL MEMBER - PIPE 89 MM DIAMETER, 4.0 MM THICKNESS
- VERTICAL MEMBER - PIPE 70 MM DIAMETER, 4.0 MM THICKNESS
- BOTTOM MEMBER - PIPE 89 MM DIAMETER, 4.0 MM THICKNESS
- TOP MEMBER - PIPE 89 MM DIAMETER, 4.0 MM THICKNESS
- TOP DIAGONAL MEMBER - PIPE 70 MM DIAMETER, 4.0 MM THICKNESS
- TYING MEMBER - PIPE 89 MM DIAMETER, 4.0 MM THICKNESS



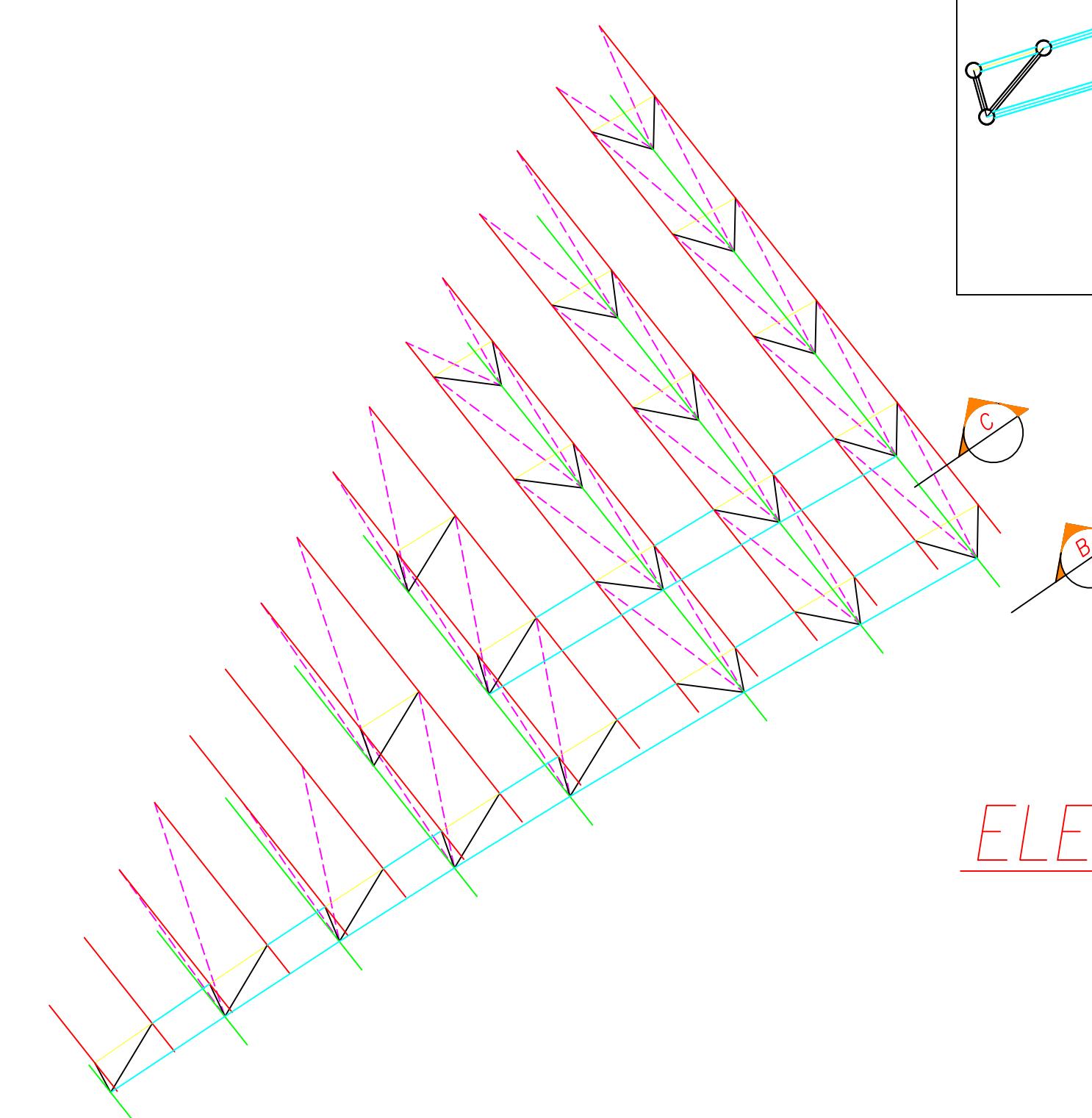
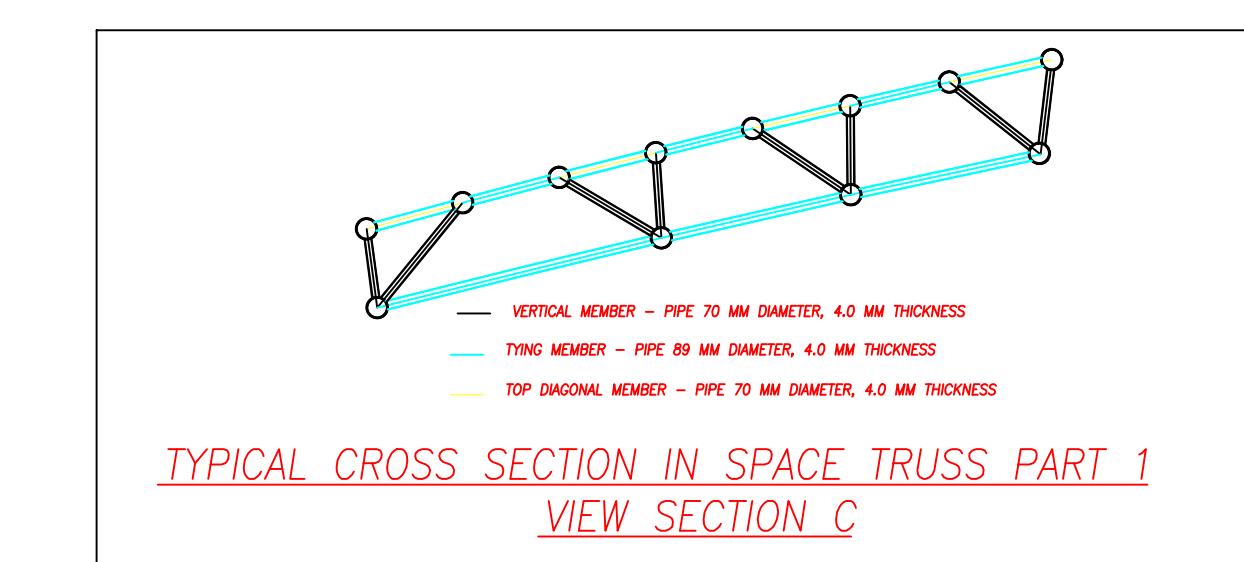
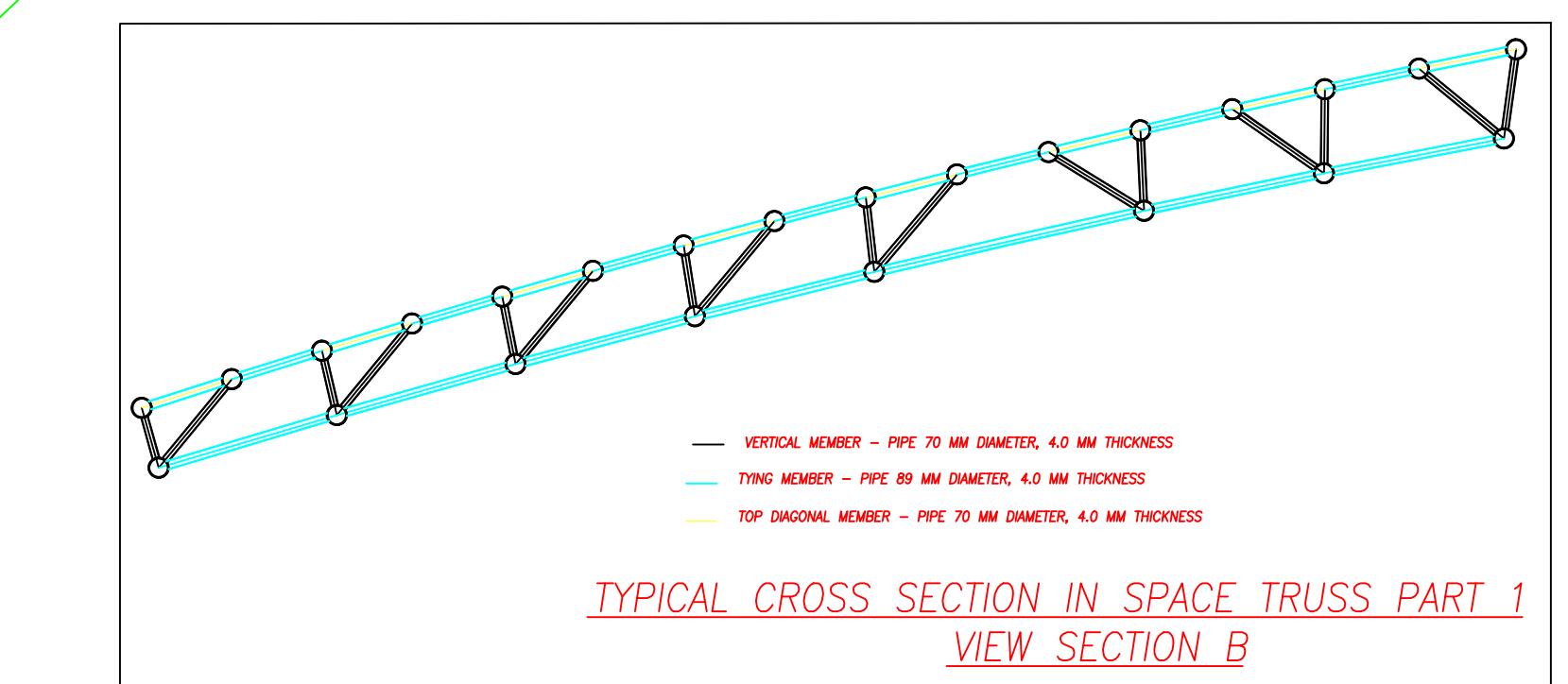
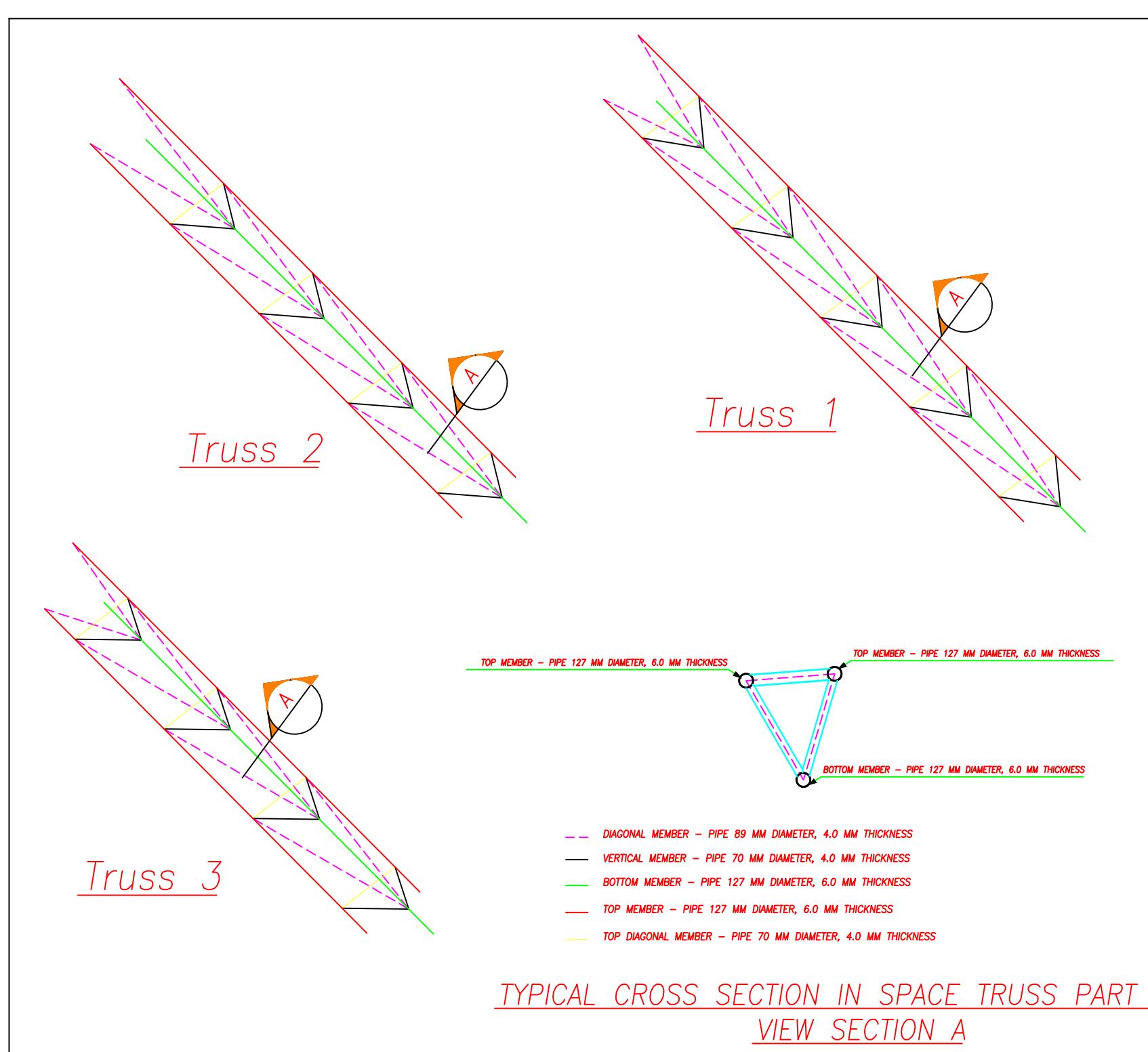
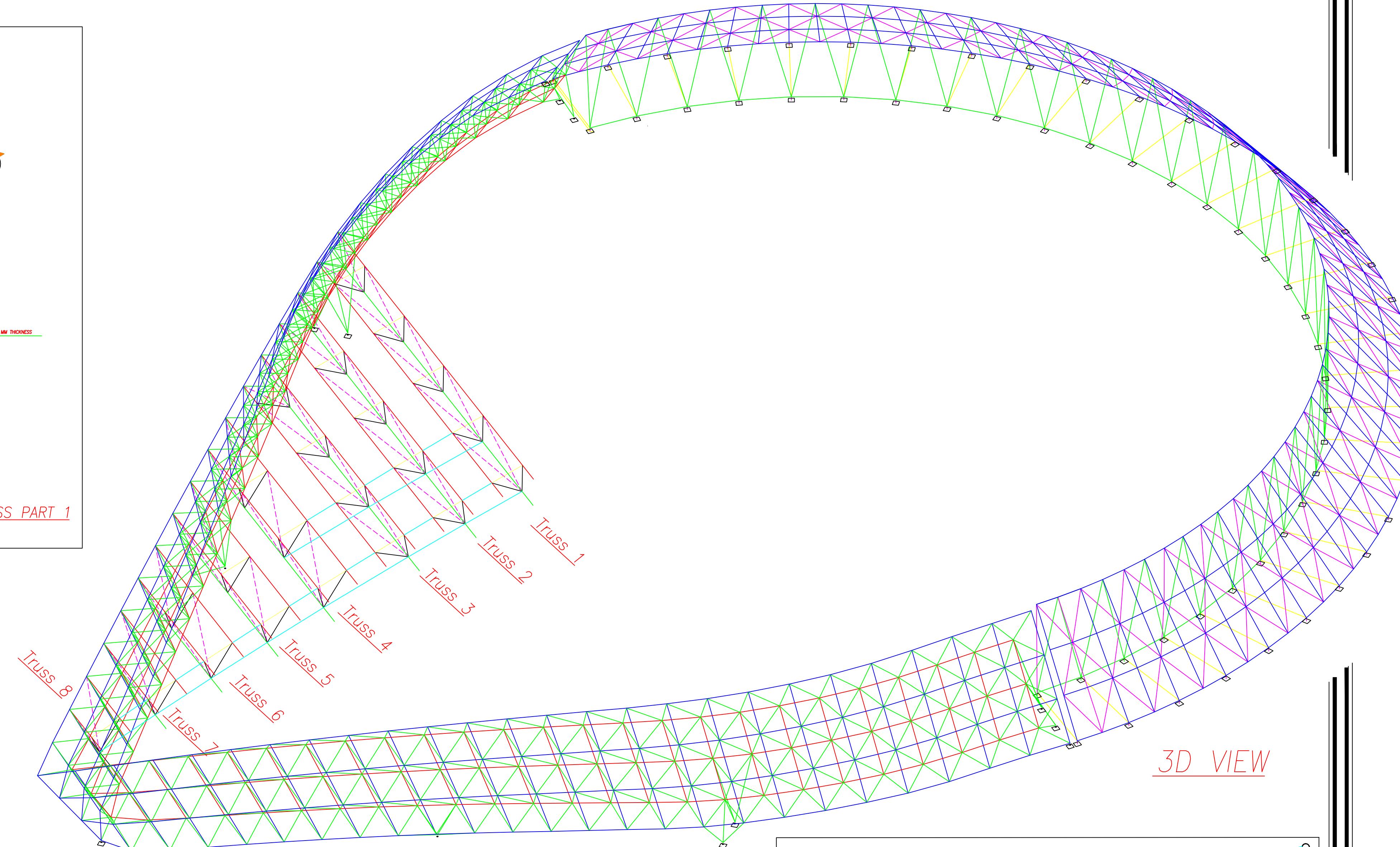
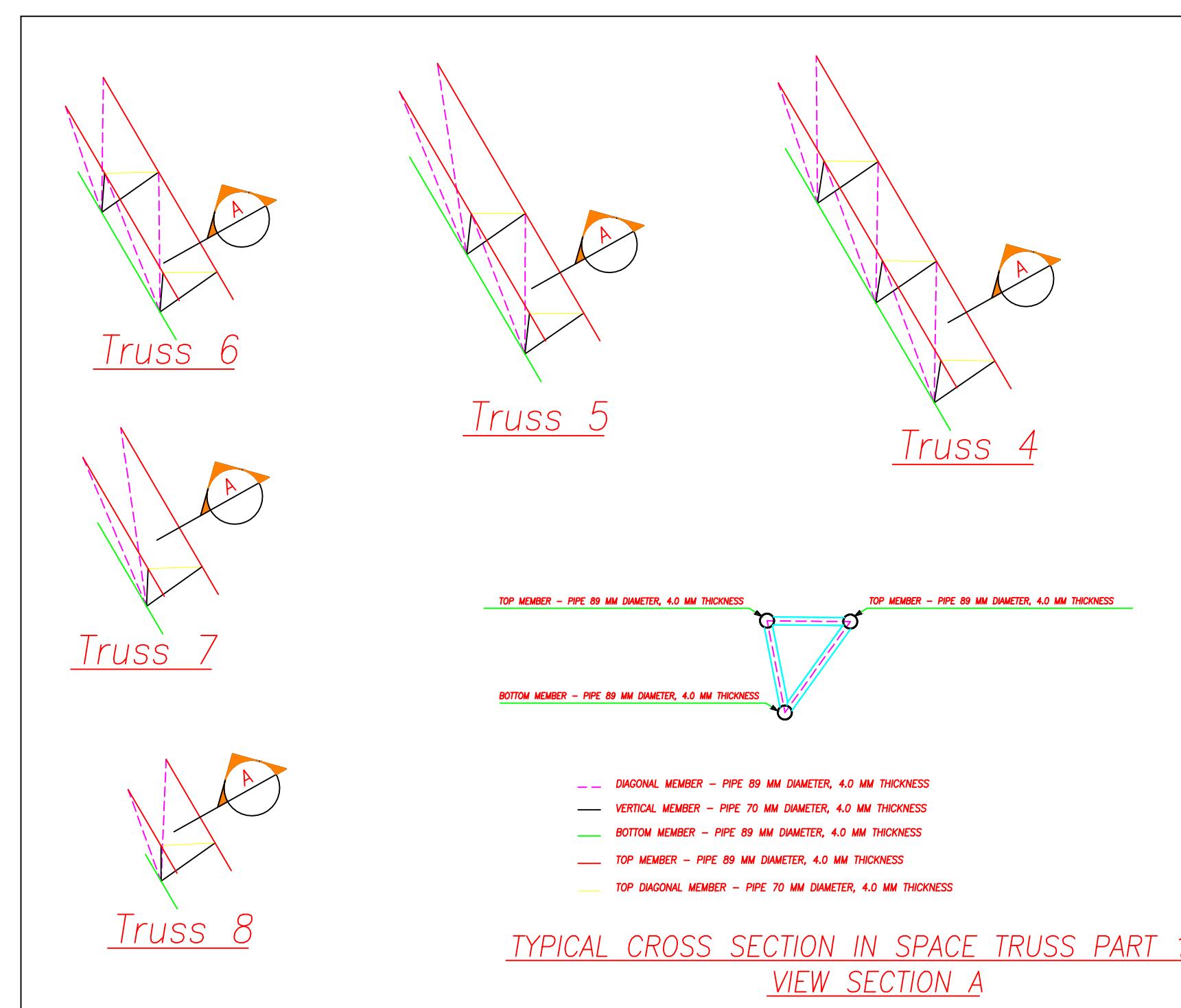
3D VIEW

PART 3

PART 2

SIDE VIEW

3D VIEW

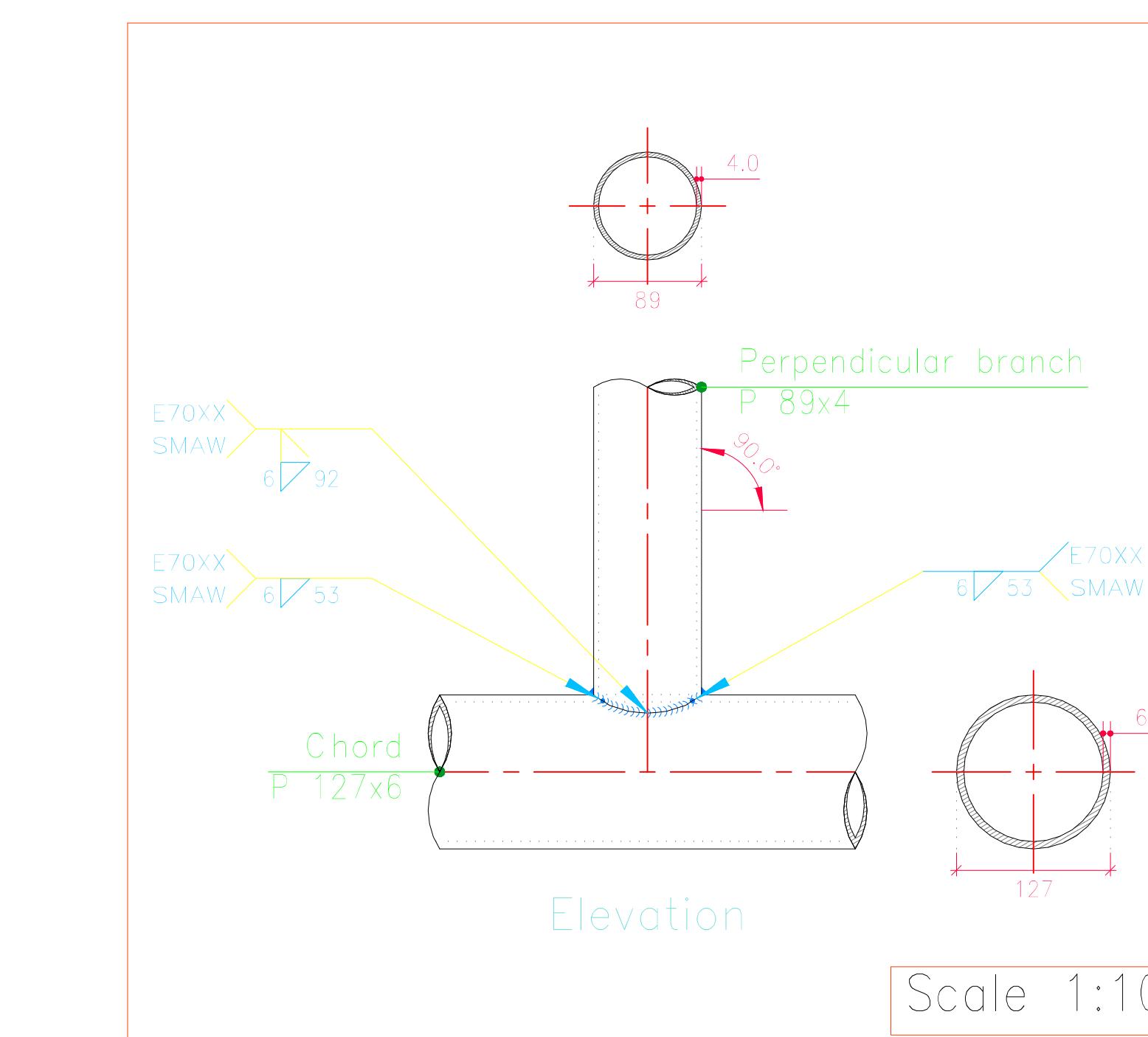
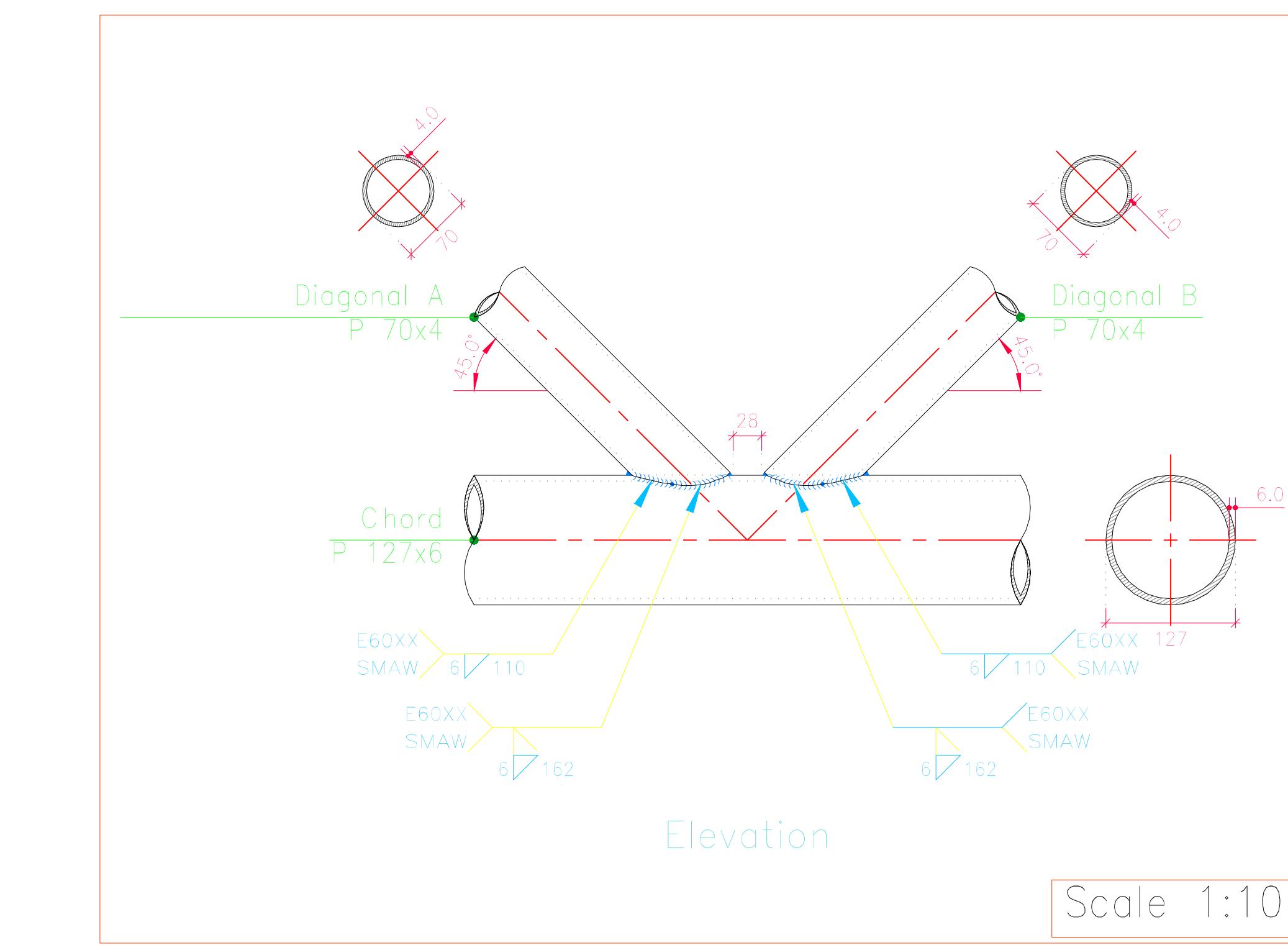
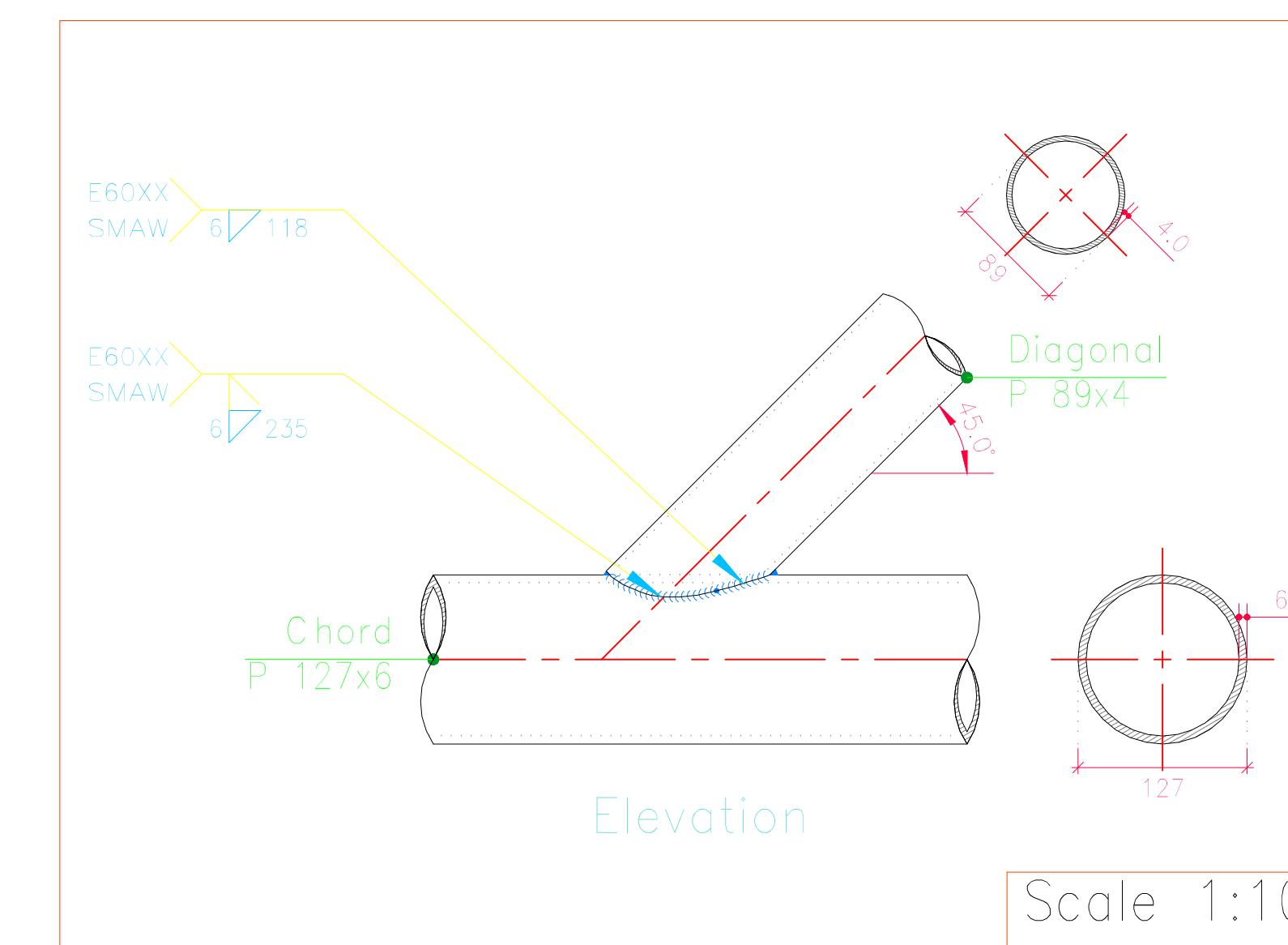
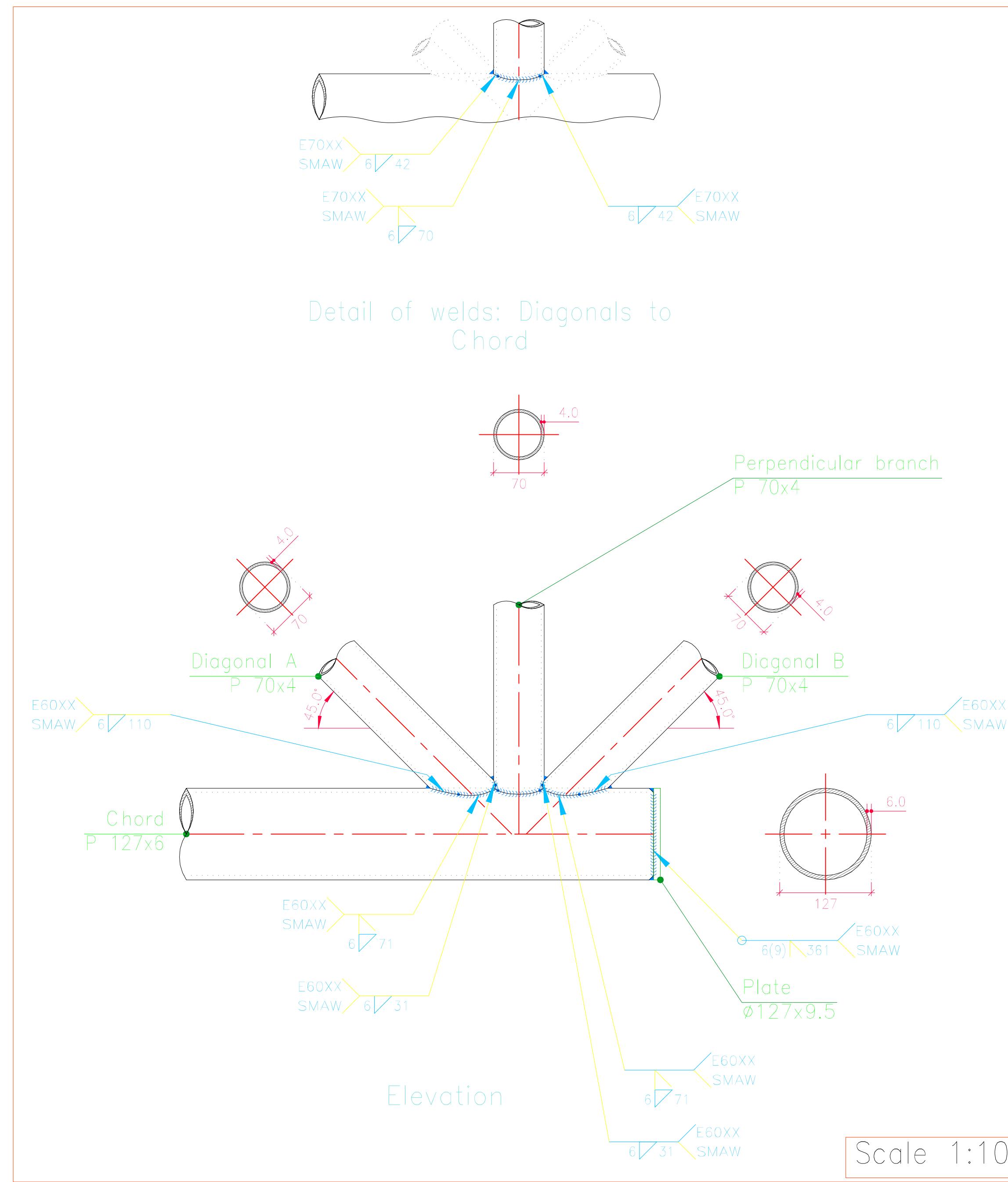
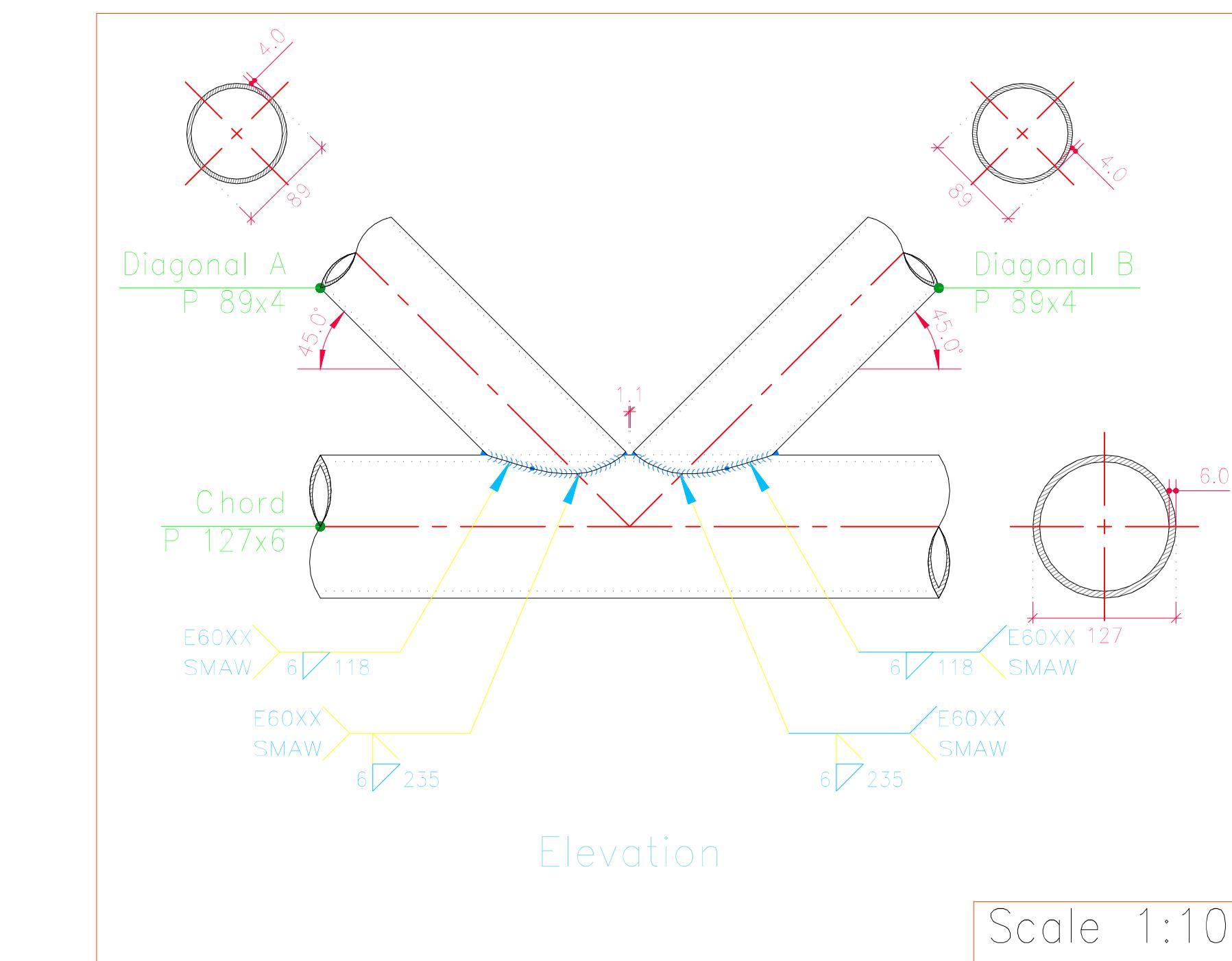
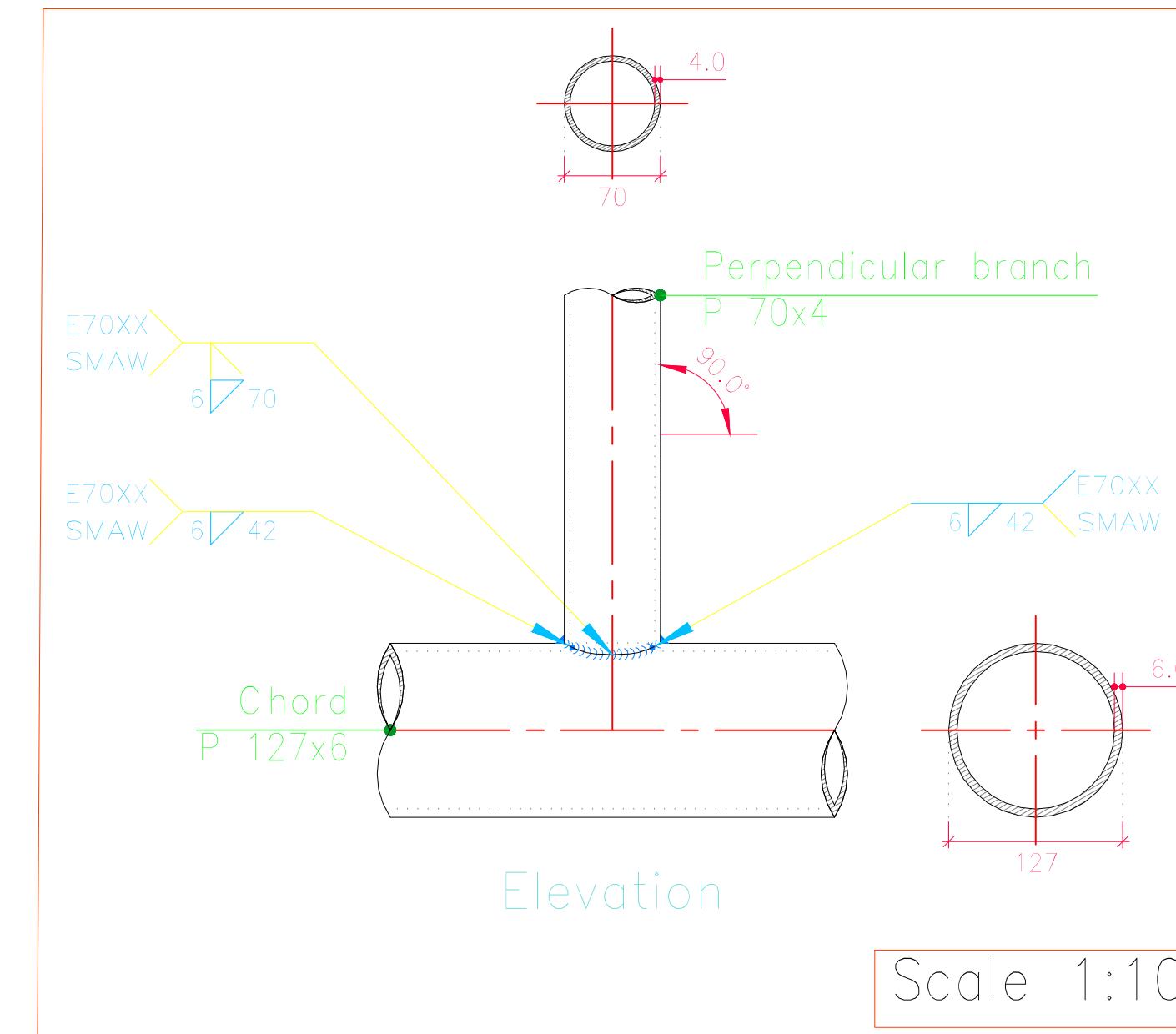
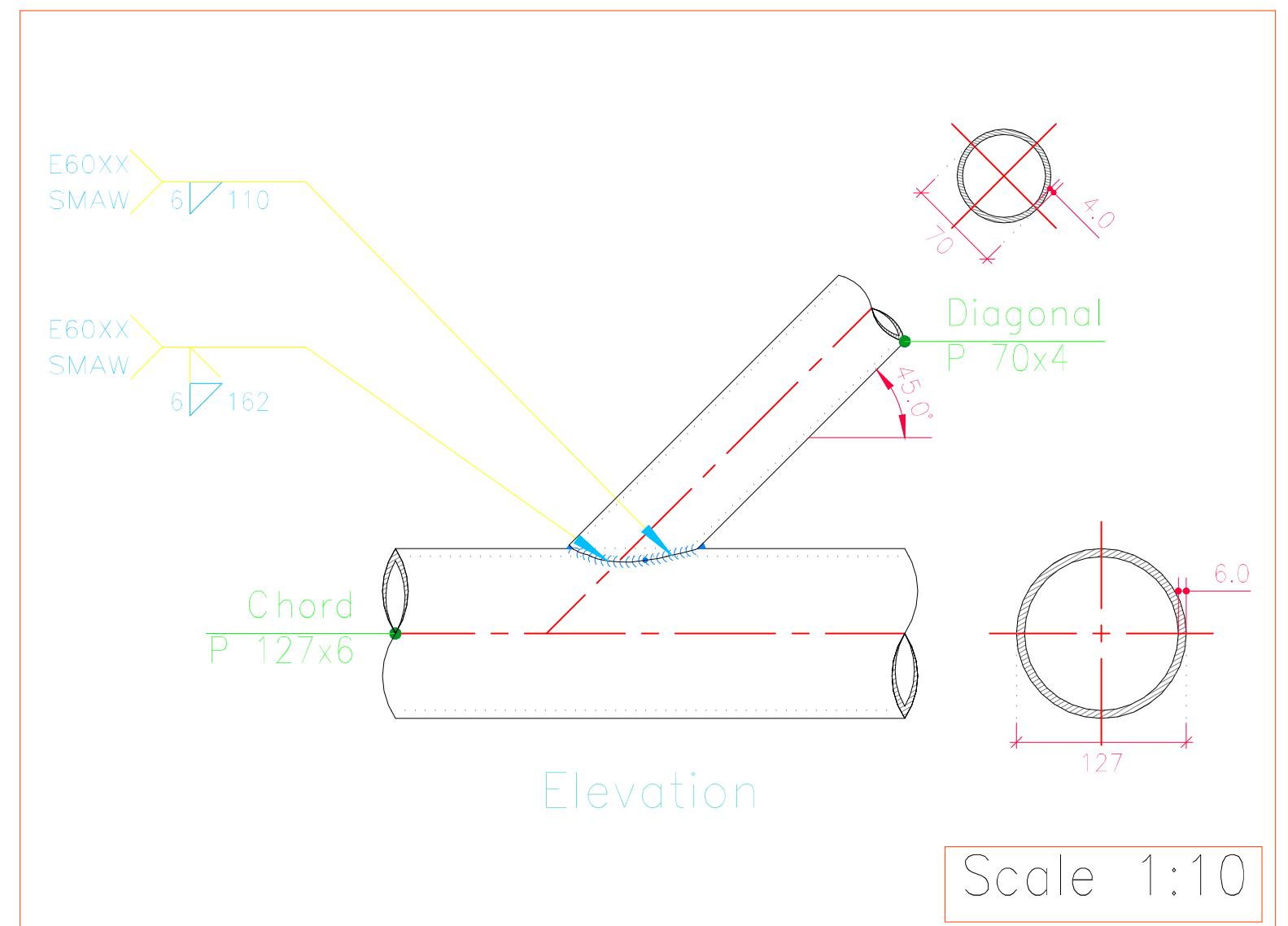


ELEMENTS OF PART 3

- Diagonal Member - Pipe 89 mm diameter, 4.0 mm thickness
- Vertical Member - Pipe 70 mm diameter, 4.0 mm thickness
- Bottom Member - Pipe 89 mm diameter, 4.0 mm thickness
- Top Member - Pipe 89 mm diameter, 4.0 mm thickness
- Top Diagonal Member - Pipe 70 mm diameter, 4.0 mm thickness
- Tying Member - Pipe 89 mm diameter, 4.0 mm thickness

R.S.	Date	Initl.

DRAWING TITLE
STRUCTURAL
COPPER PIPES

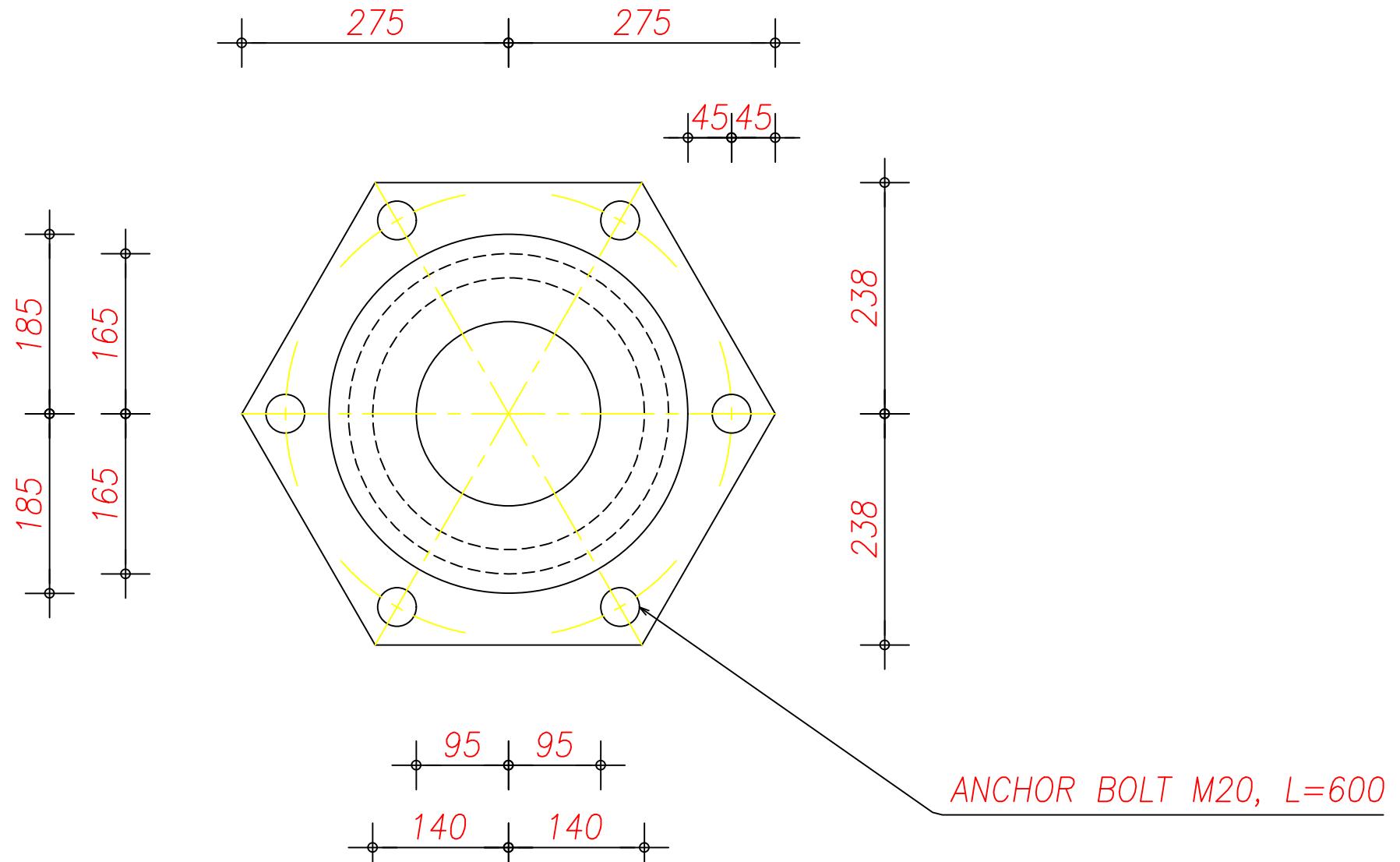
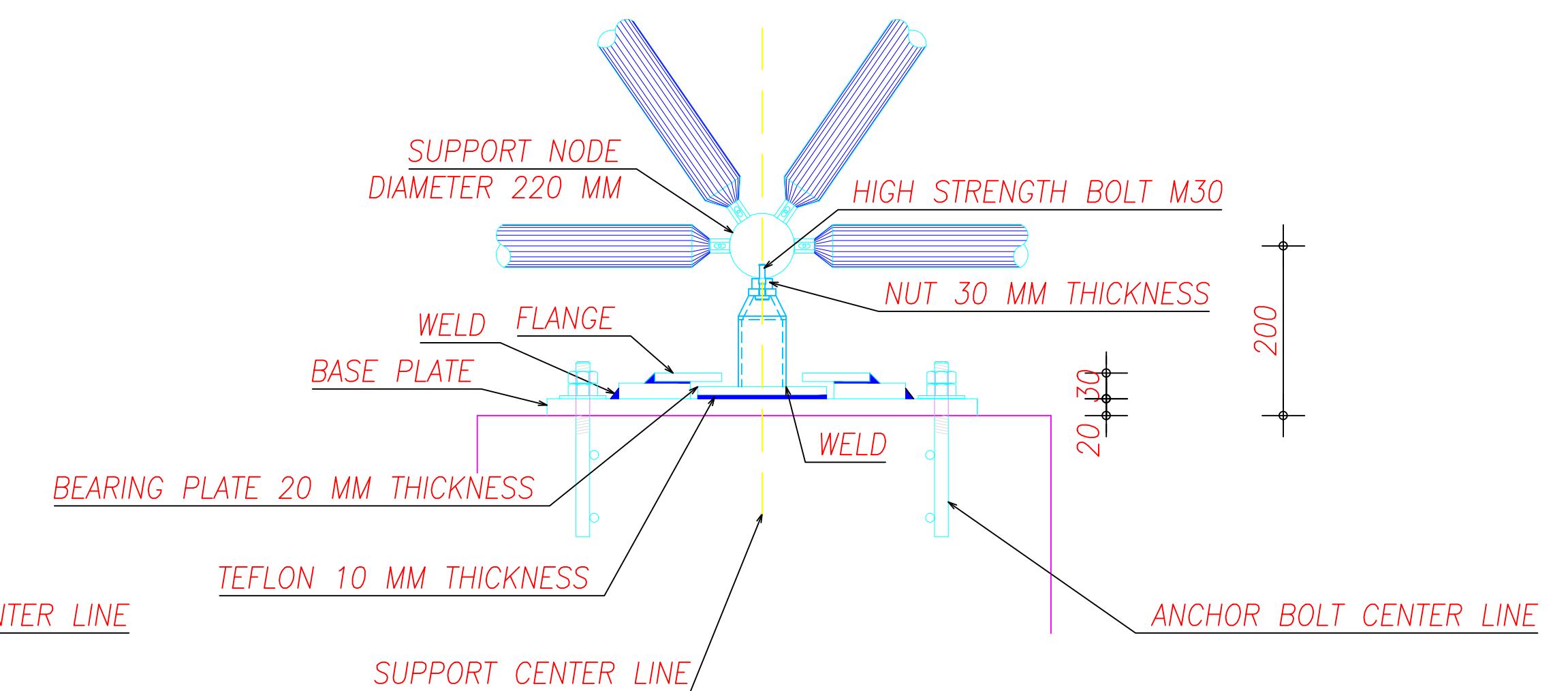
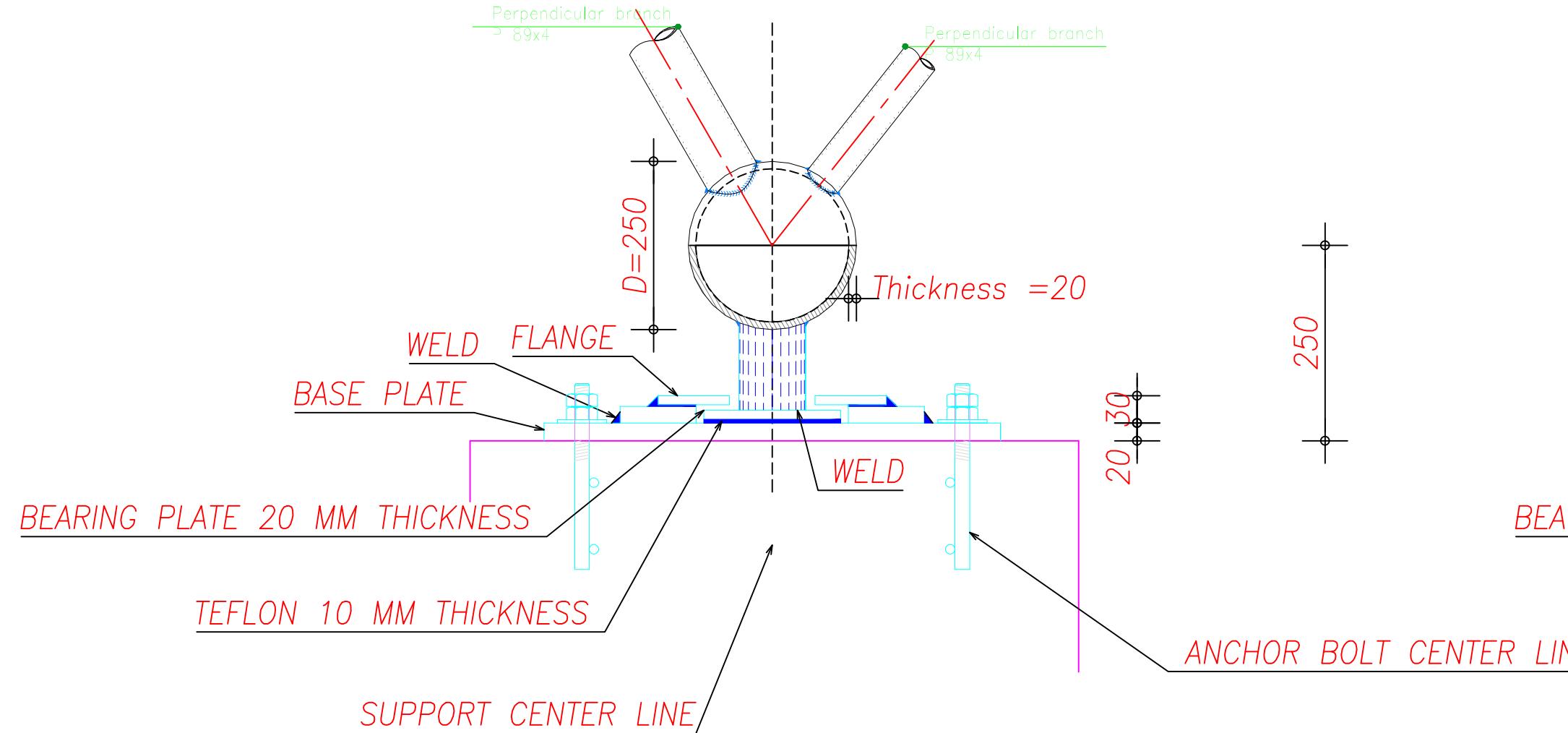
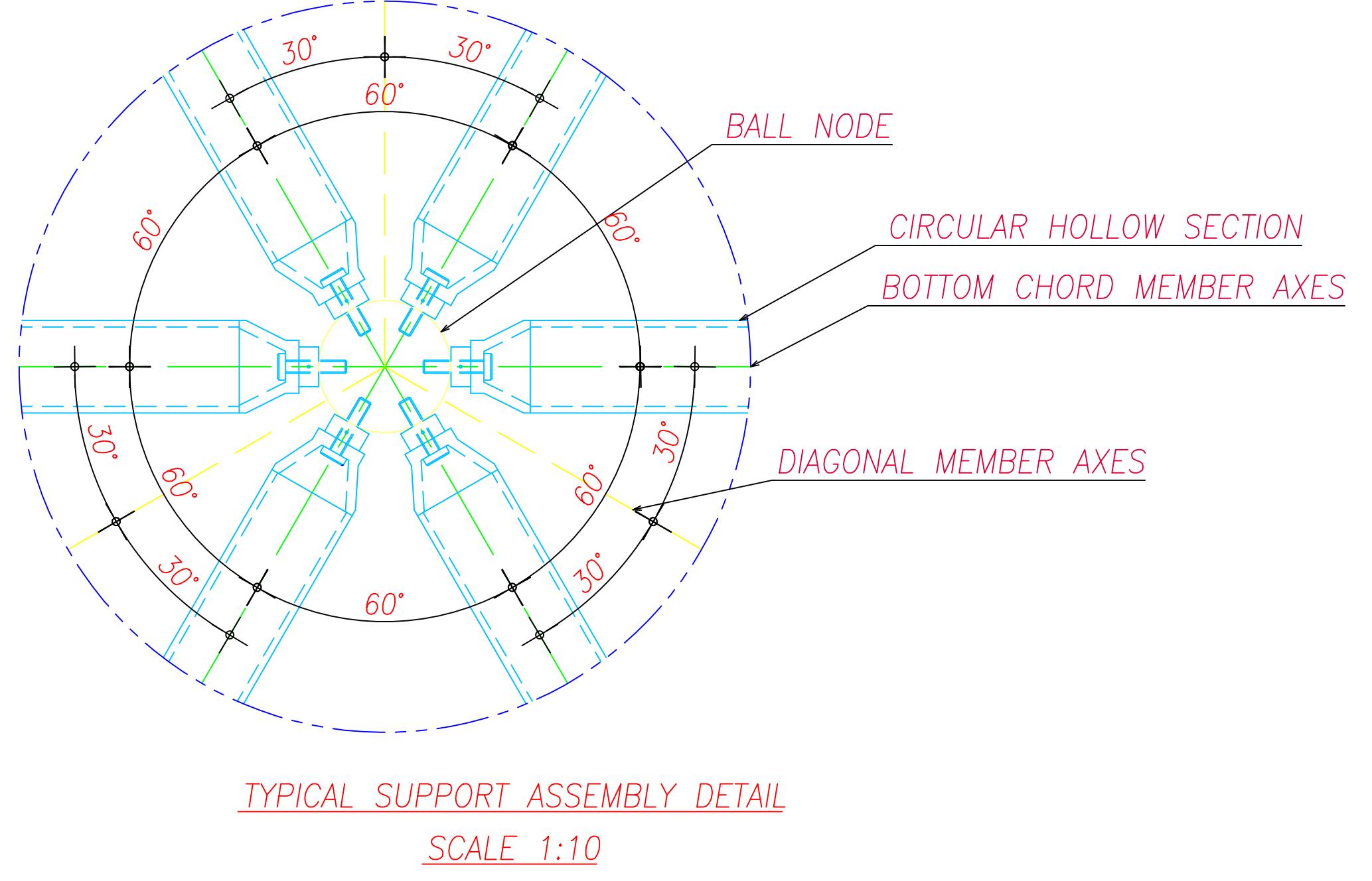


NOTE: The longitudinal element (in the direction of span) is chosen to be continuous while the verticals are not

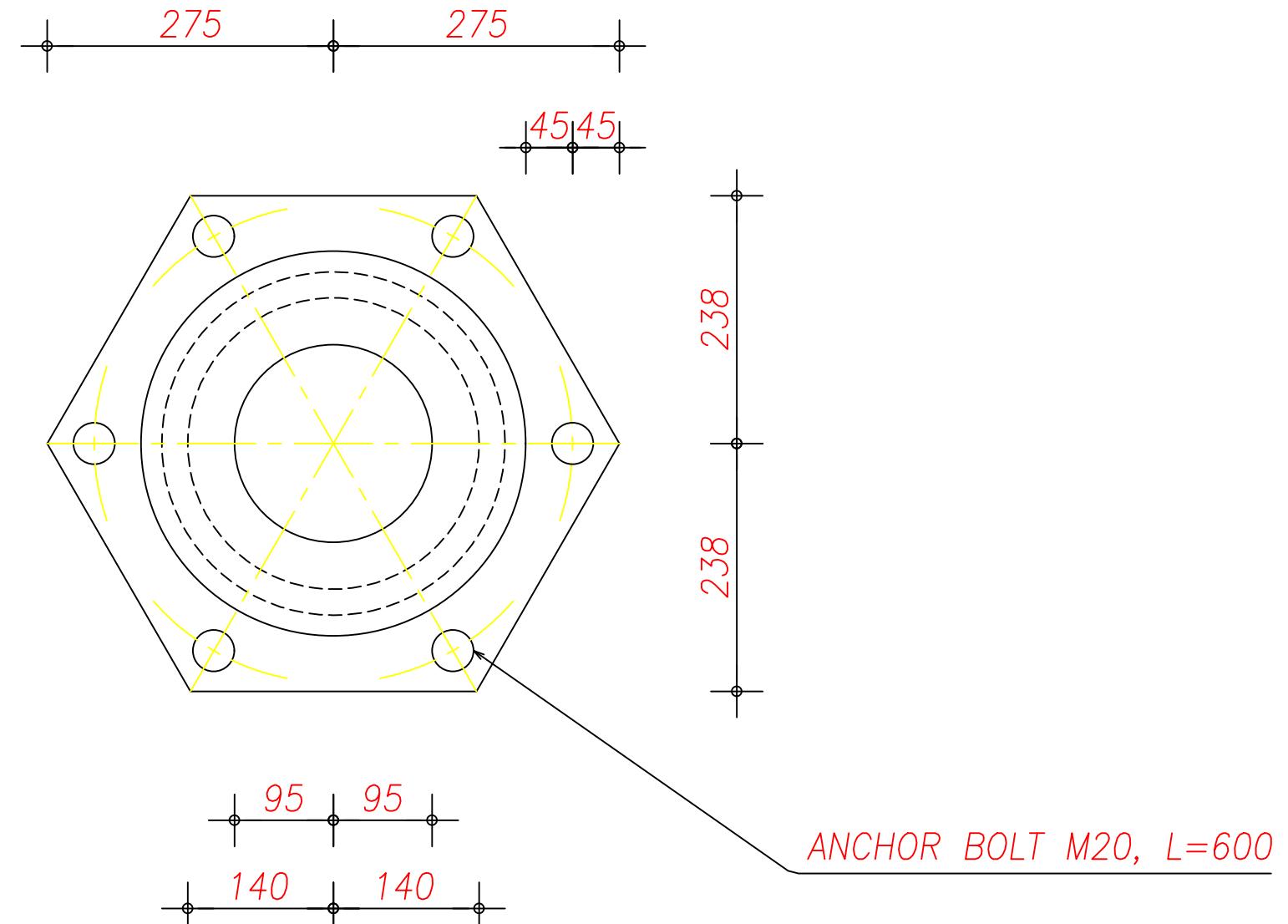
This connection can be replaced with **Welded hollow spherical joints** of DIAMETER 250 MM DIAMETER and thickness 20MM SEE TYPICAL CONNECTION DRAWING (3) FOR DETAILING

NOTE: ANCHOR BOLT SPECIFICATION (ASTM A36)				
QTY.	DIA. OF BOLT	DIA. OF HOLE	THREAD LENGTH	ANC. ROD LENGTH
--	M20	20	150	600

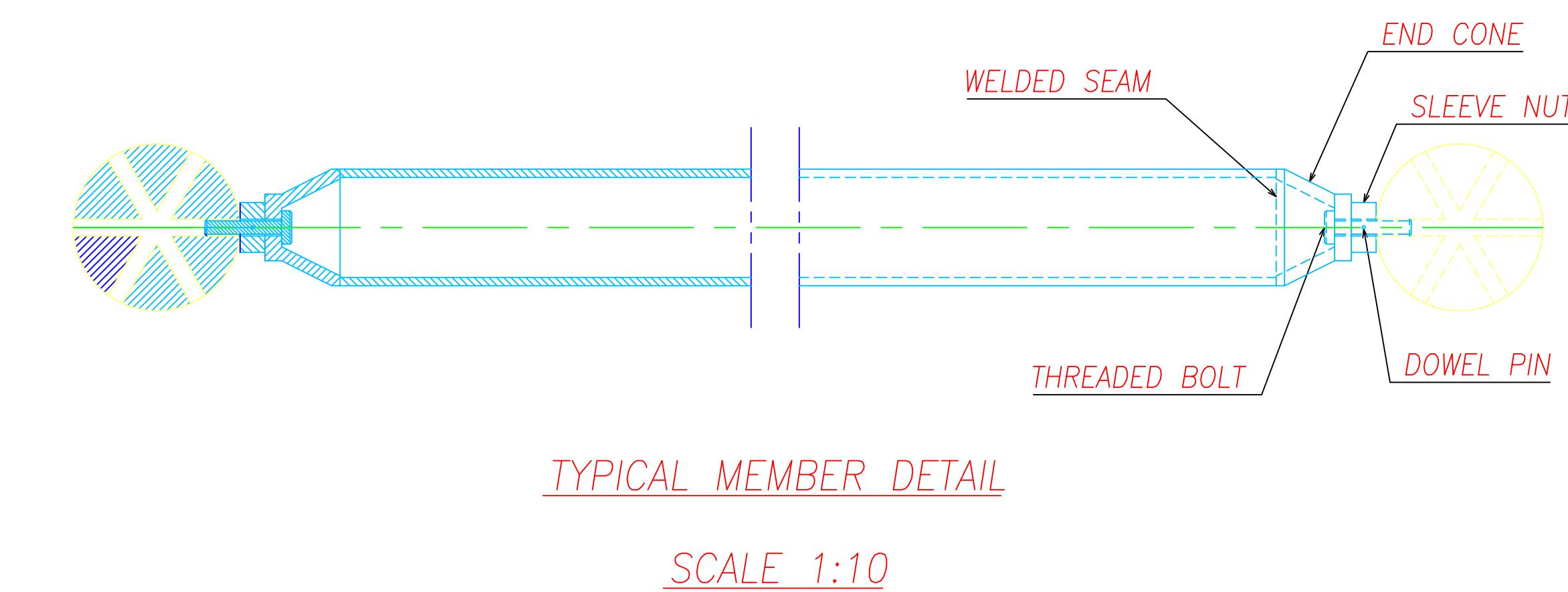
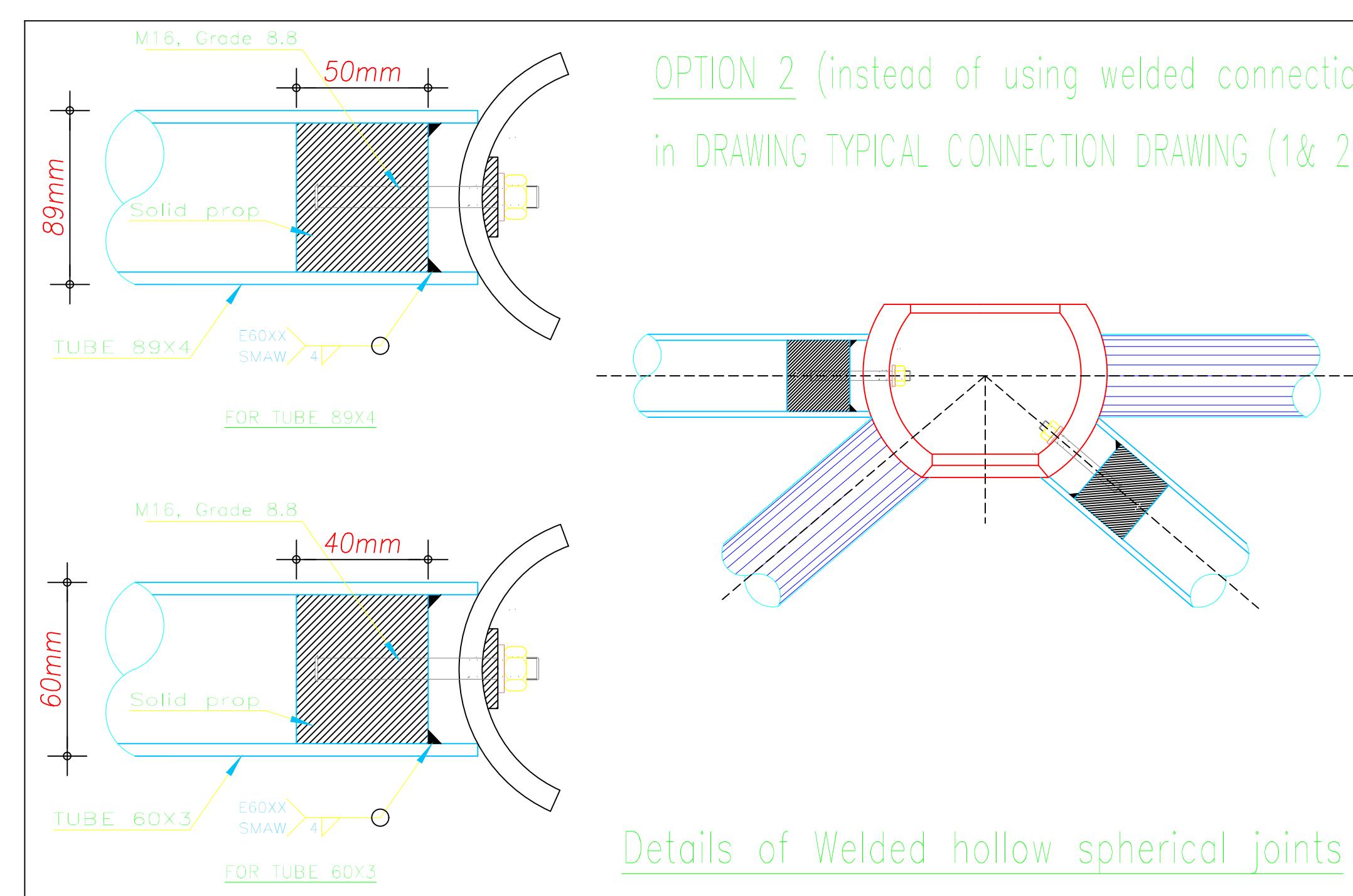
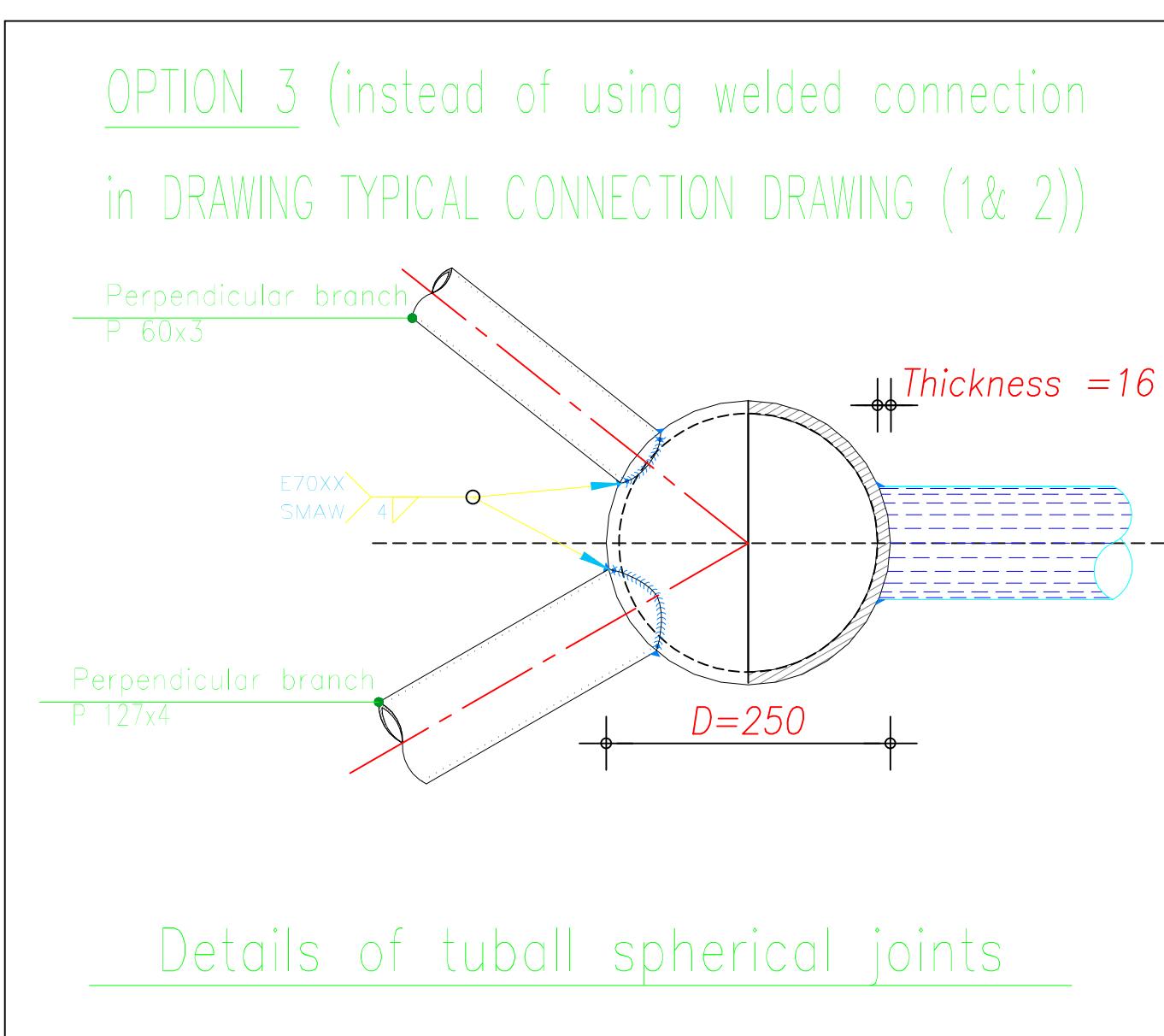
ANCHOR BOLT DETAIL



TYPICAL SUPPORT DETAIL FOR PART 1 SPACE TRUSS
SCALE 1:10

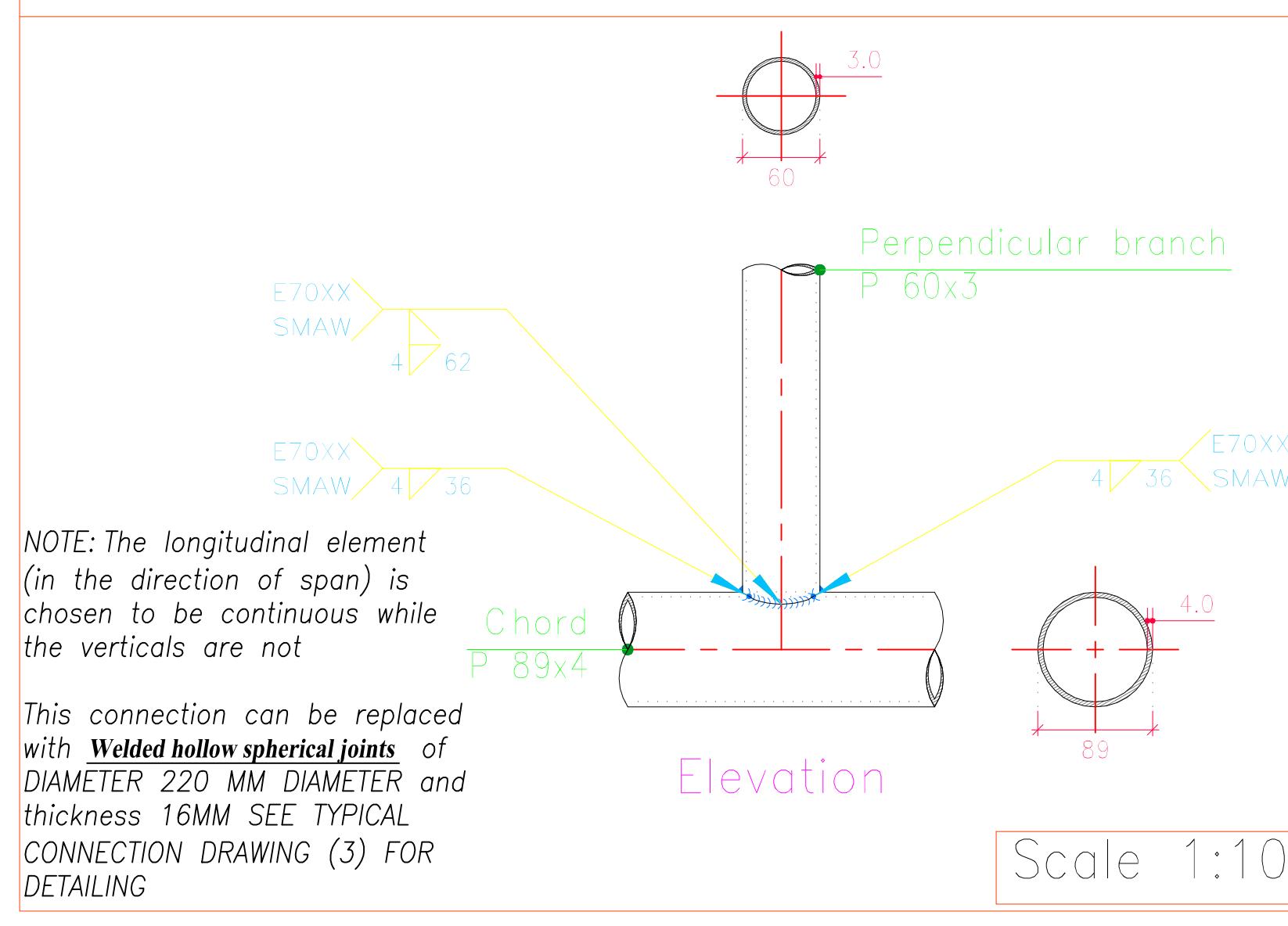


TYPICAL SUPPORT DETAIL FOR PART 2 SPACE TRUSS
SCALE 1:10

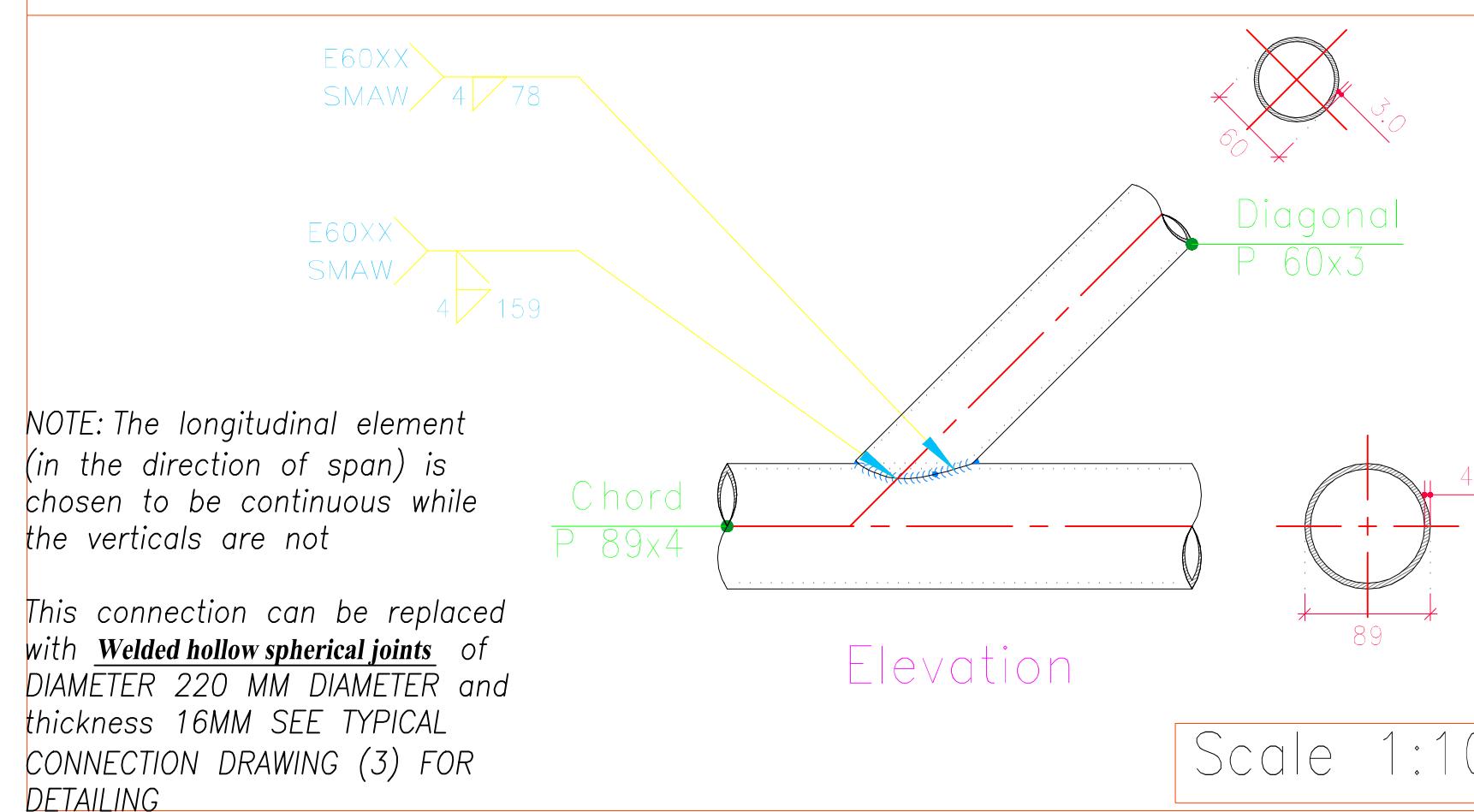


TYPICAL MEMBER DETAIL
SCALE 1:10

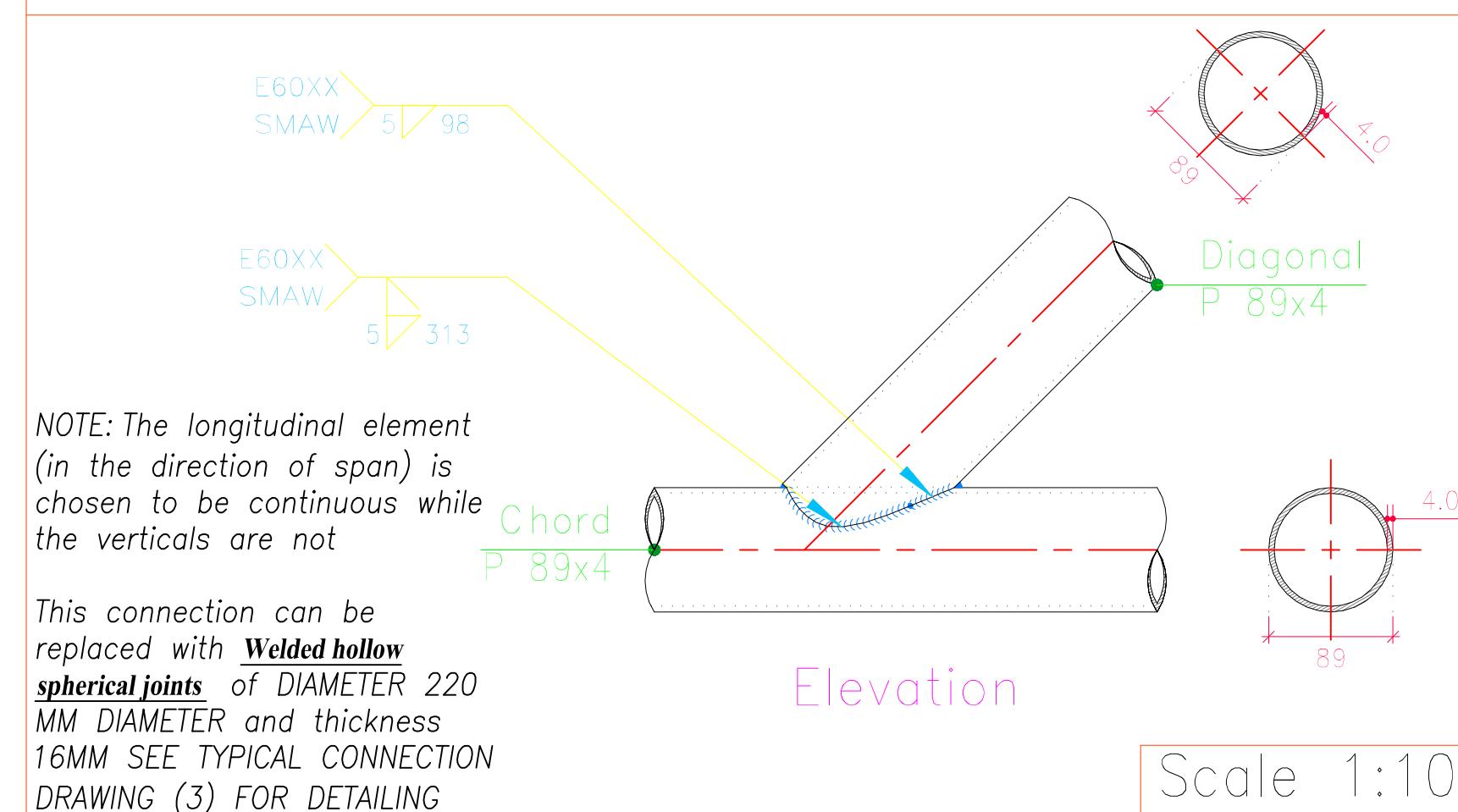
(1) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



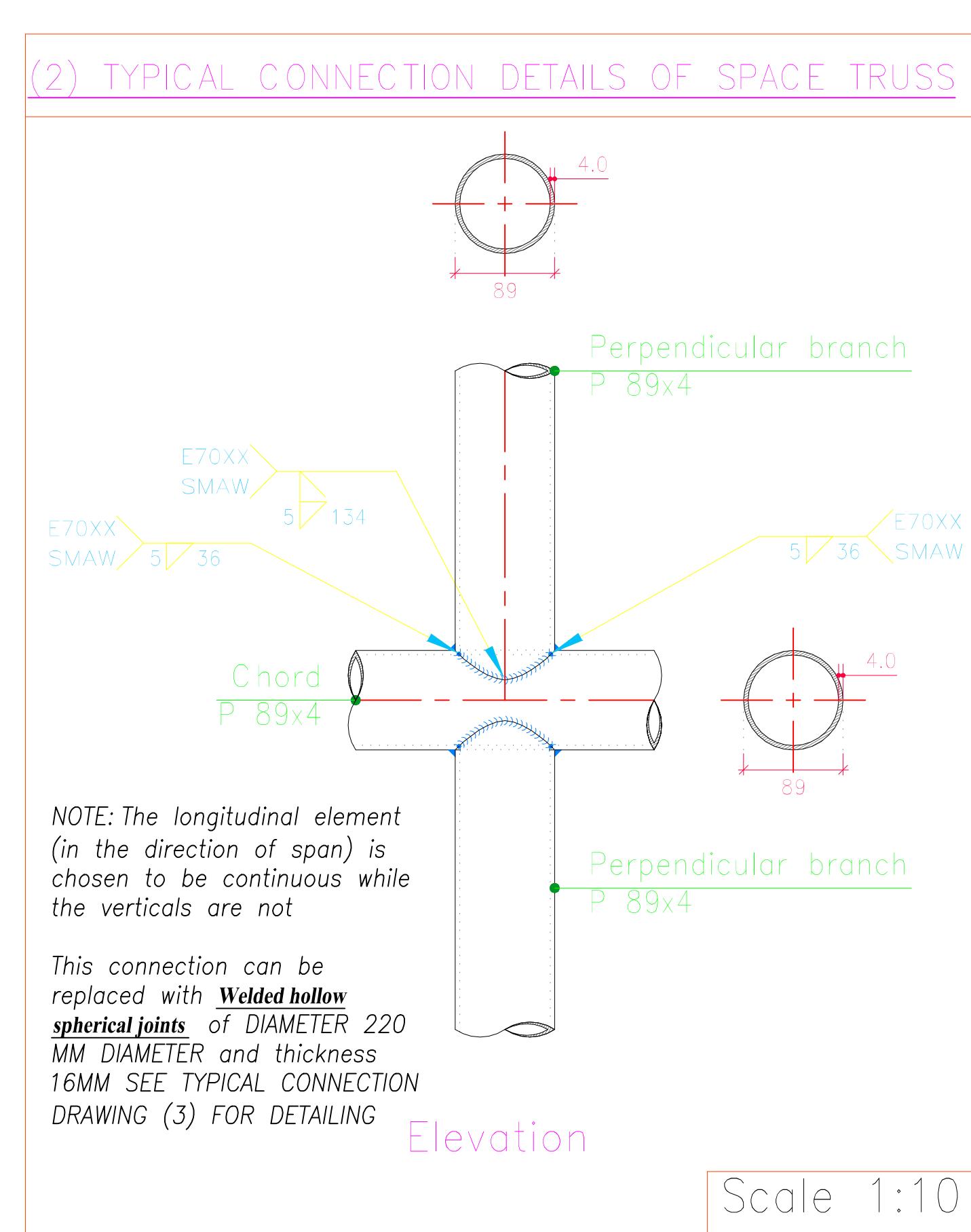
(3) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



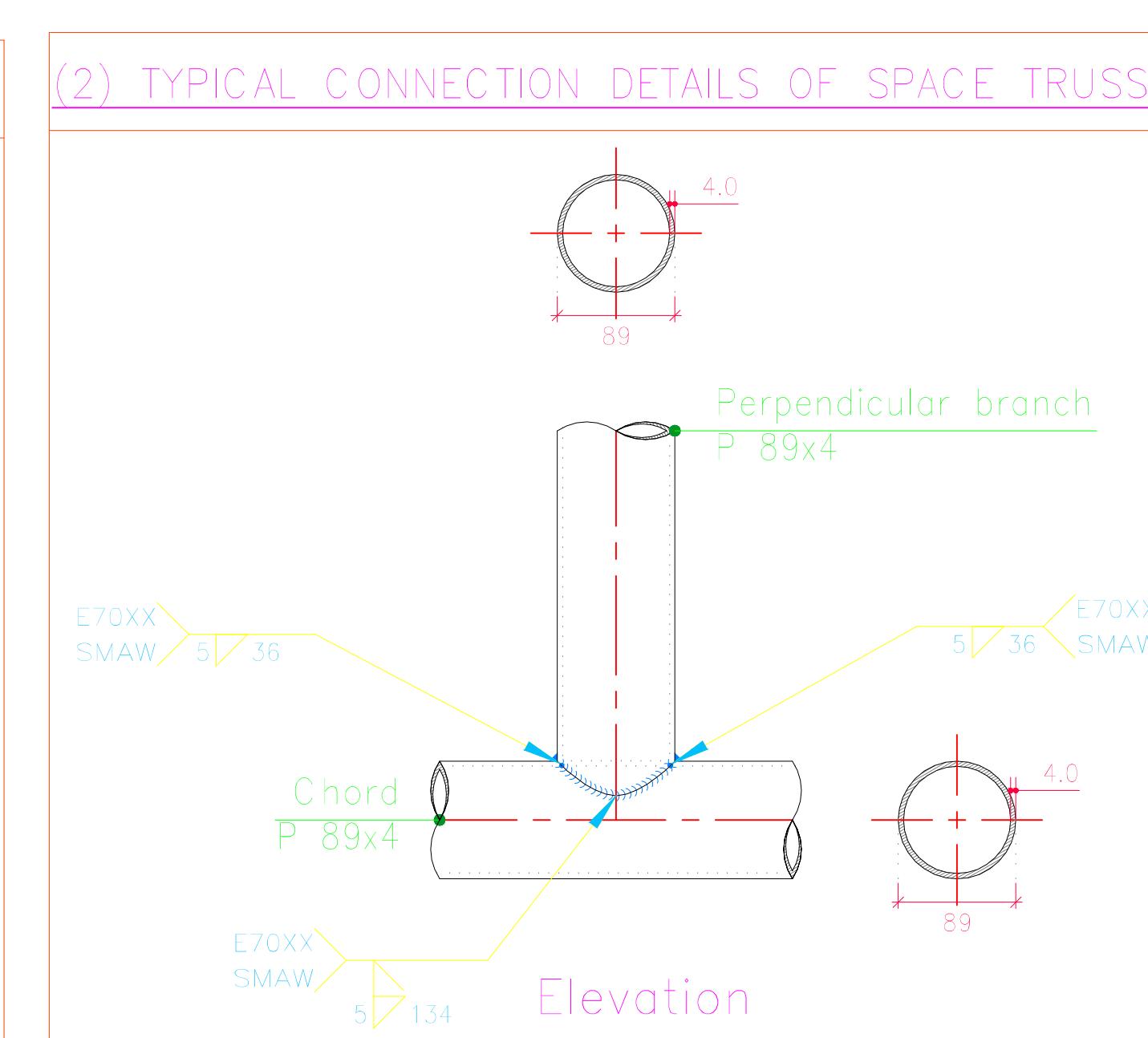
(4) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



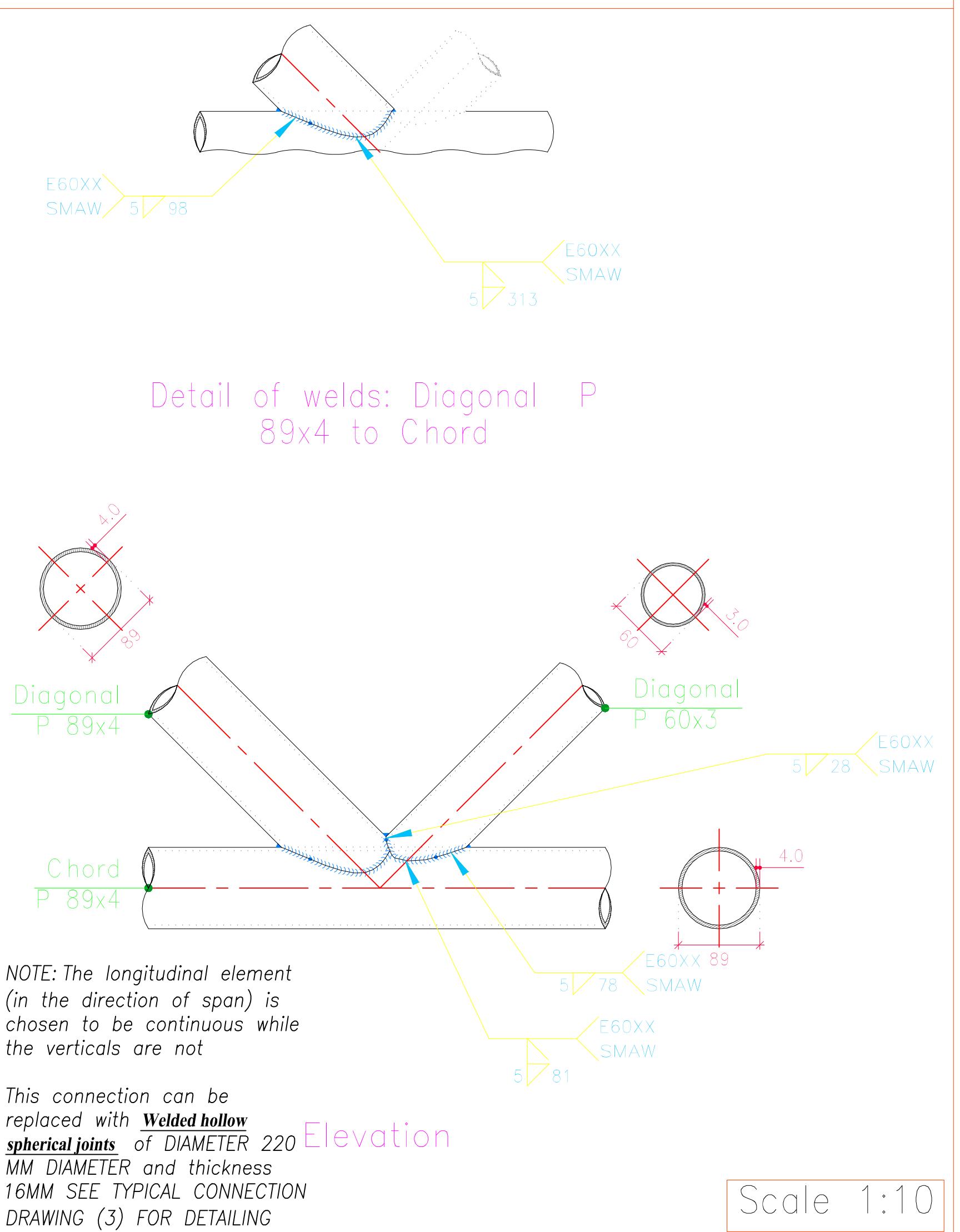
(2) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



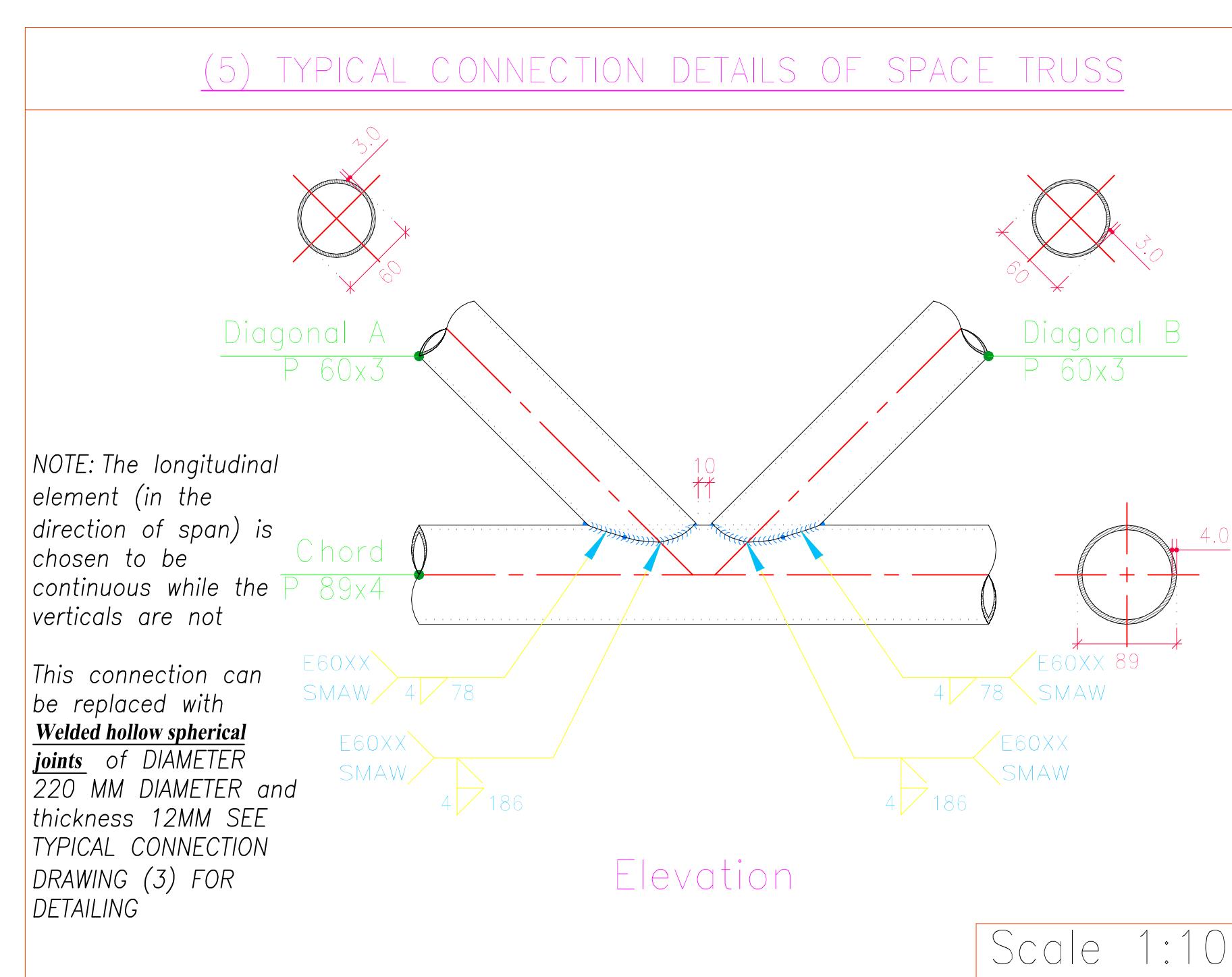
(2) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



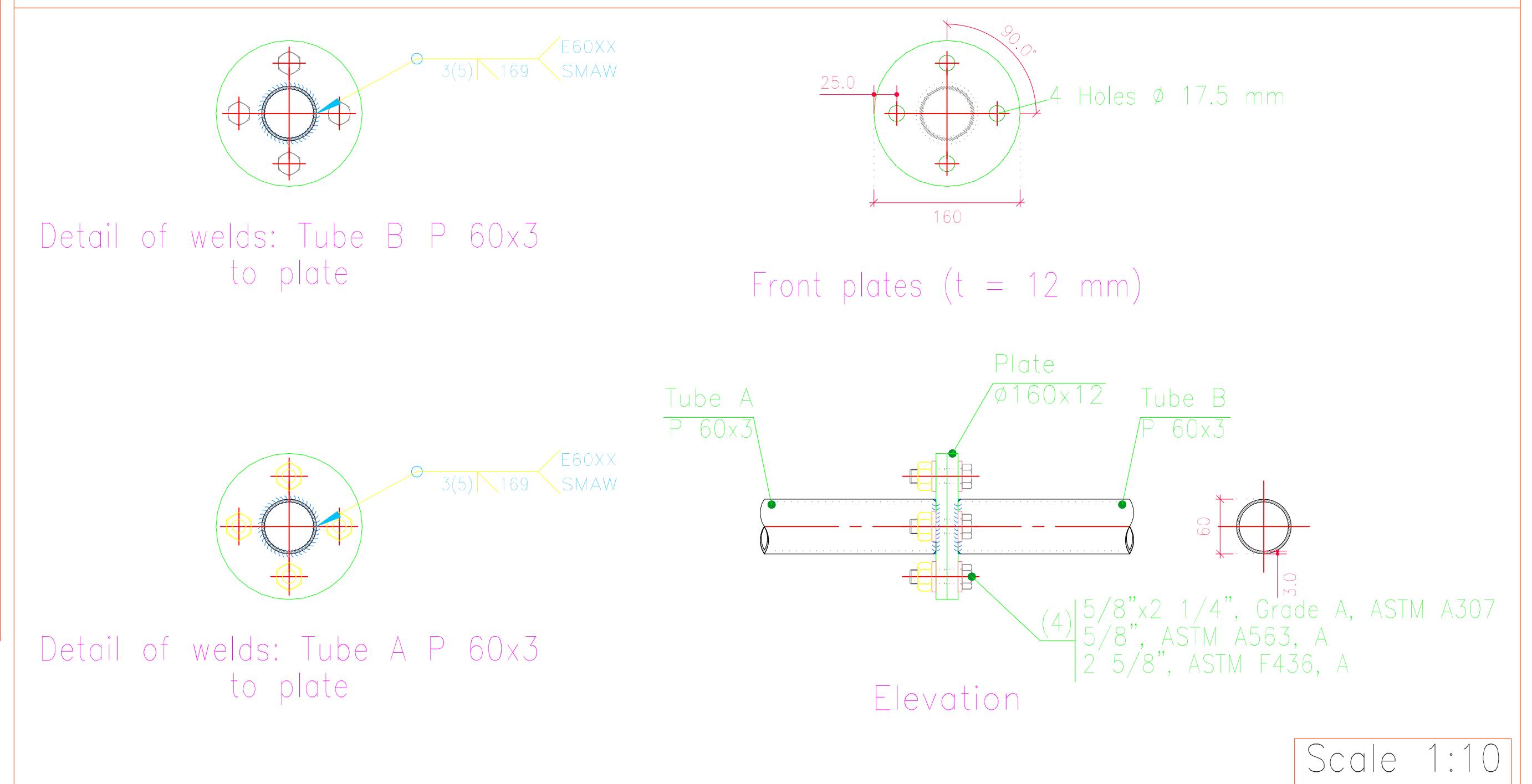
(6) TYPICAL CONNECTION DETAILS OF SPACE TRUSS

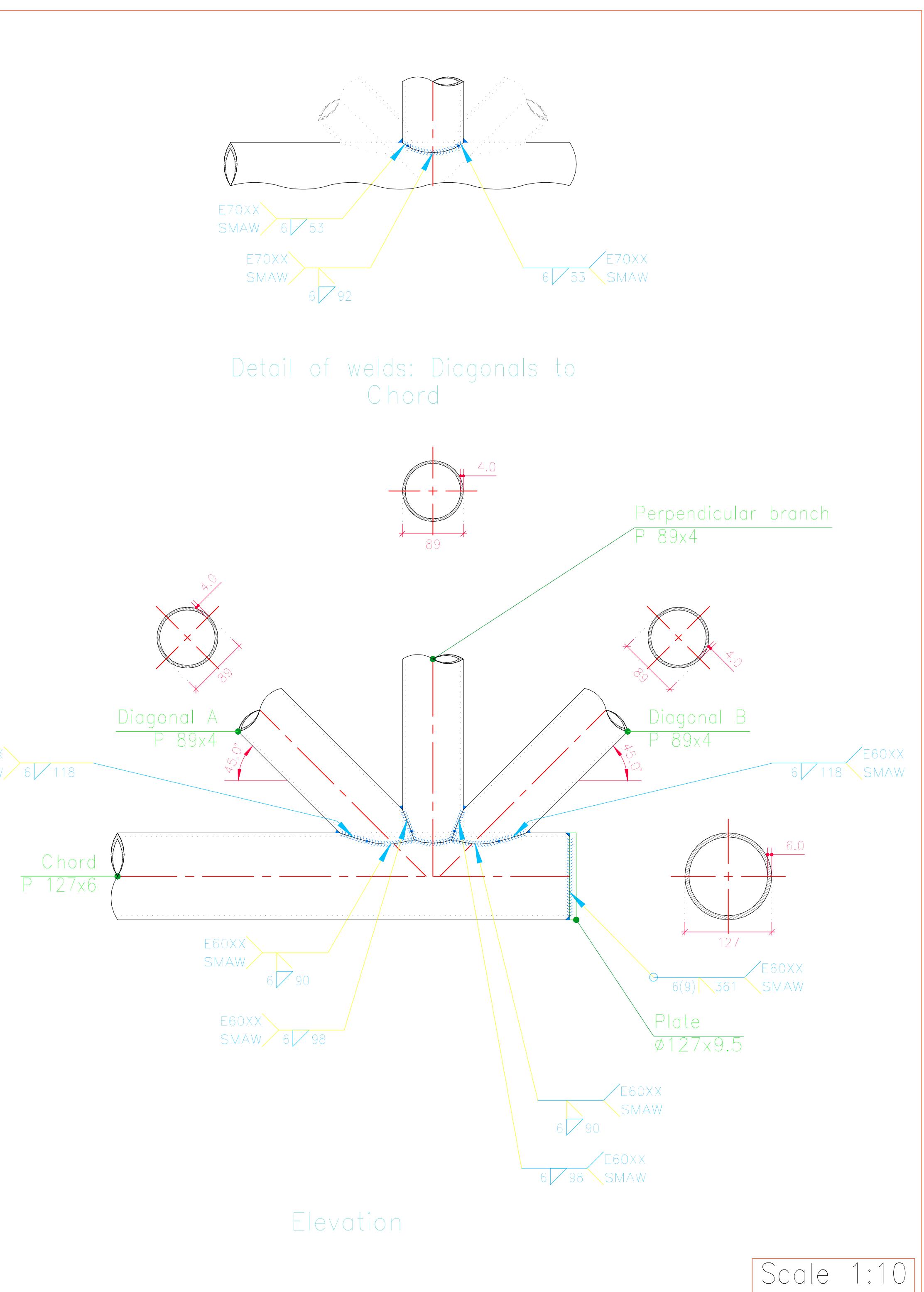


(5) TYPICAL CONNECTION DETAILS OF SPACE TRUSS



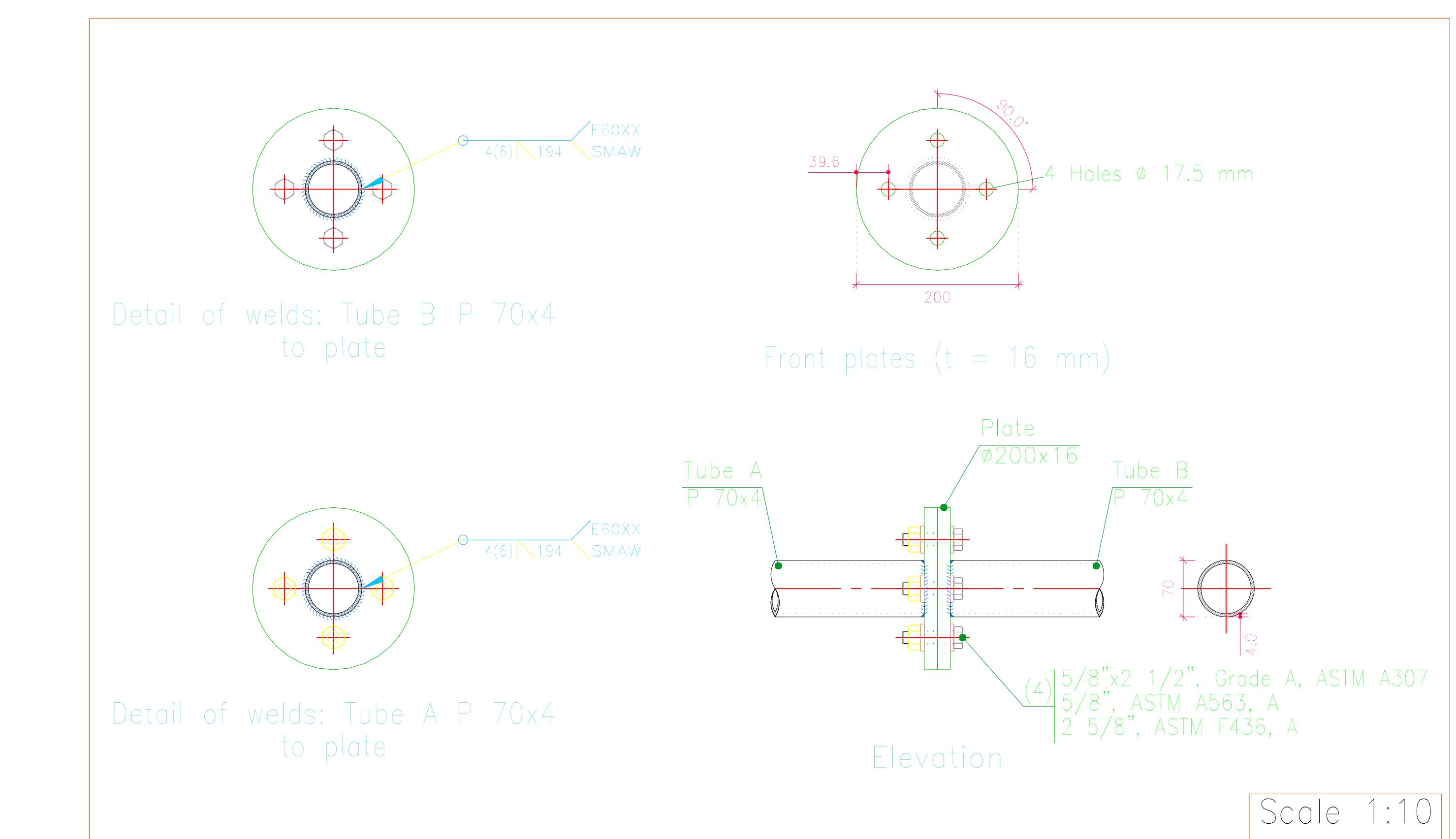
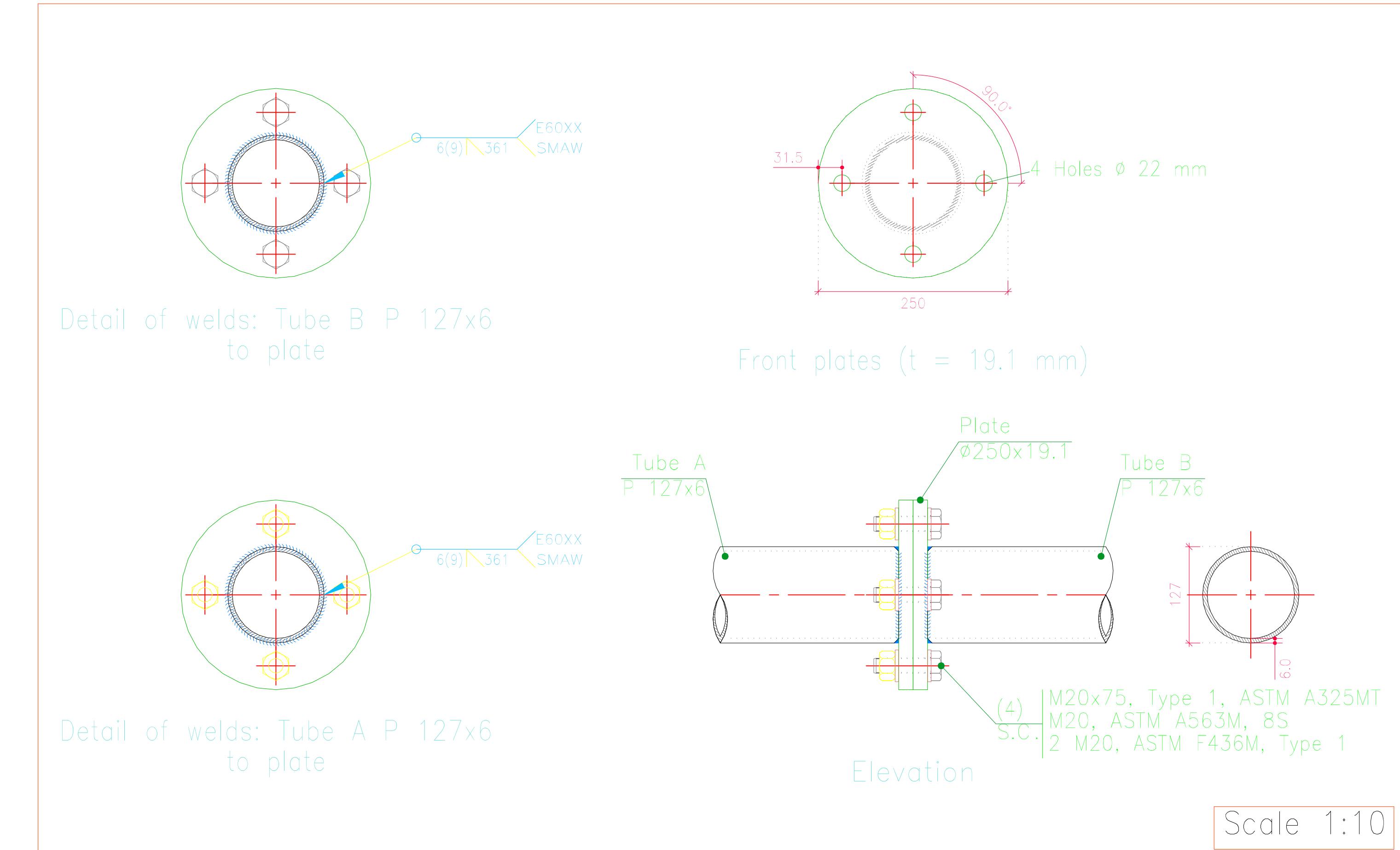
(1) TYPICAL SPLICE FOR TUBULAR MEMBERS 60X3

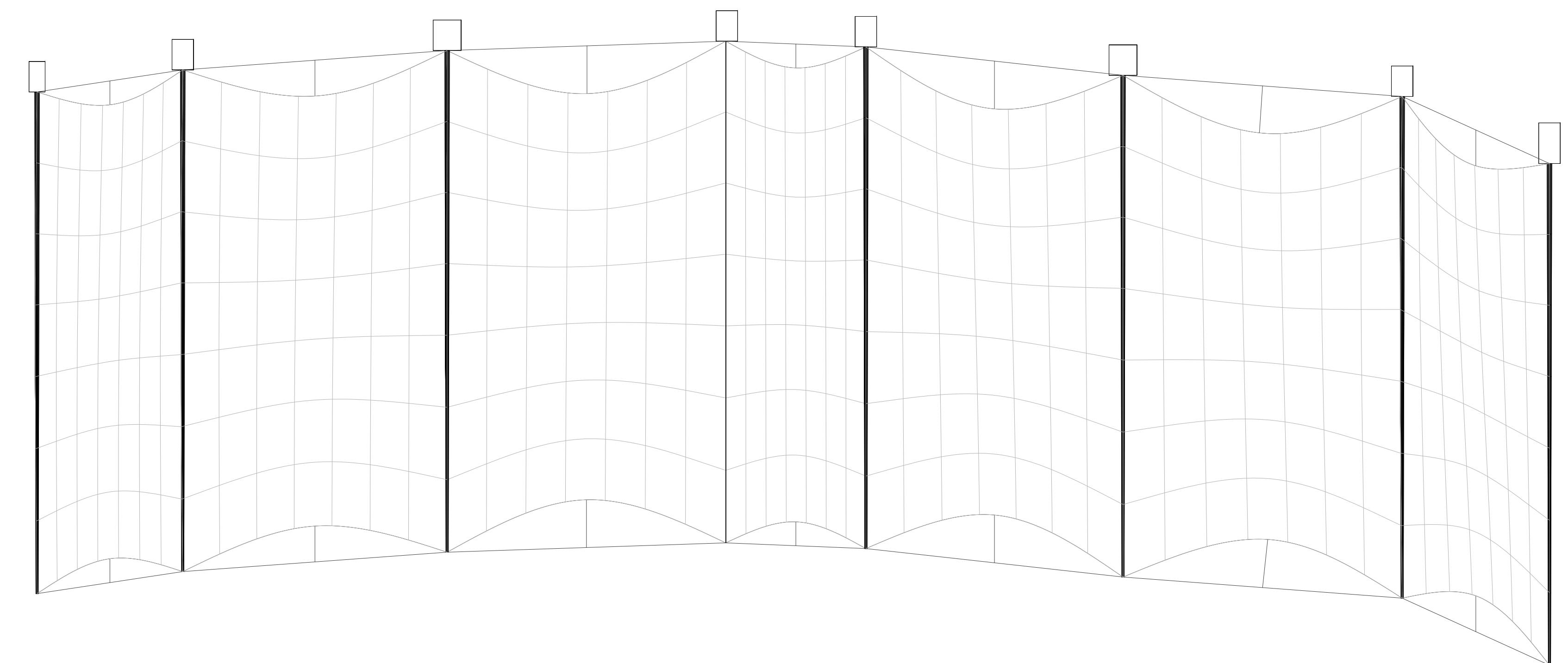
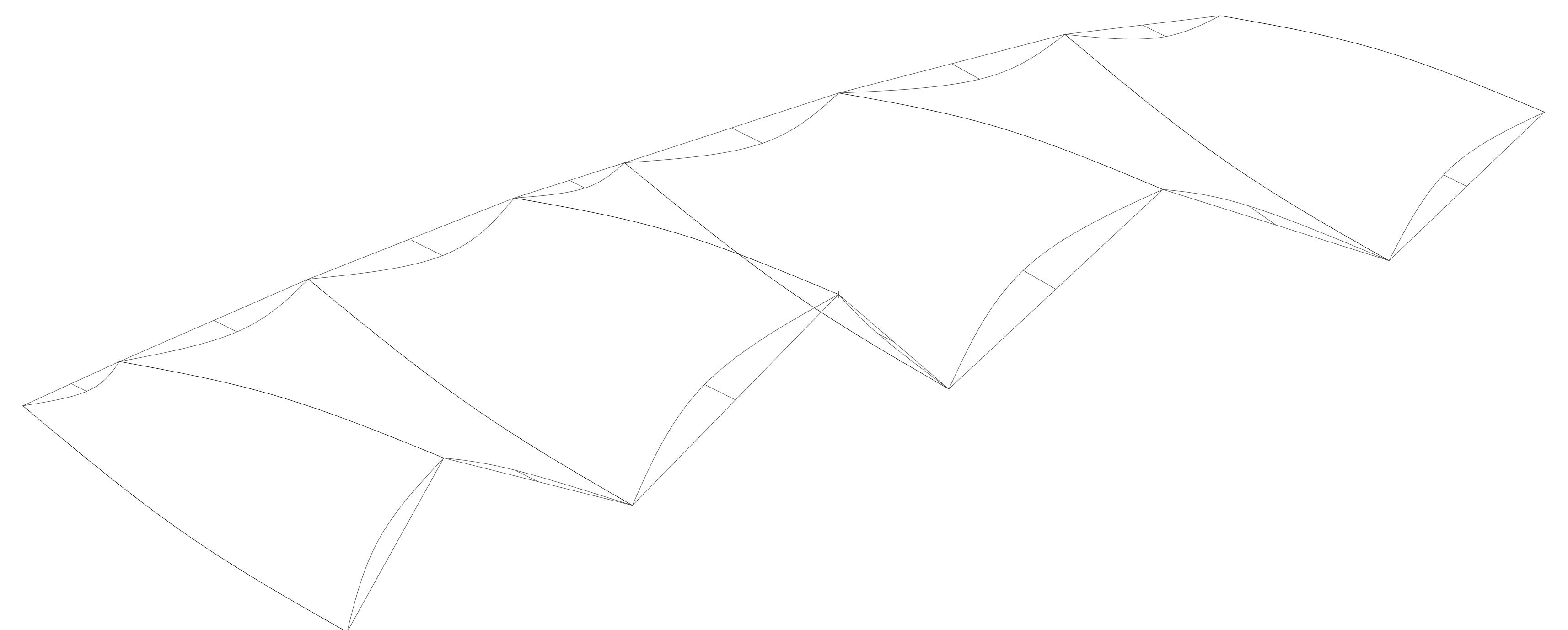
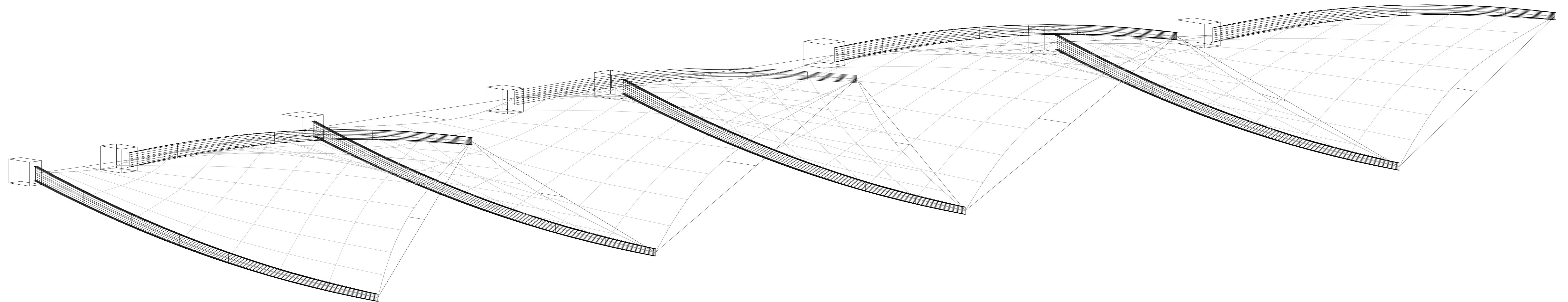


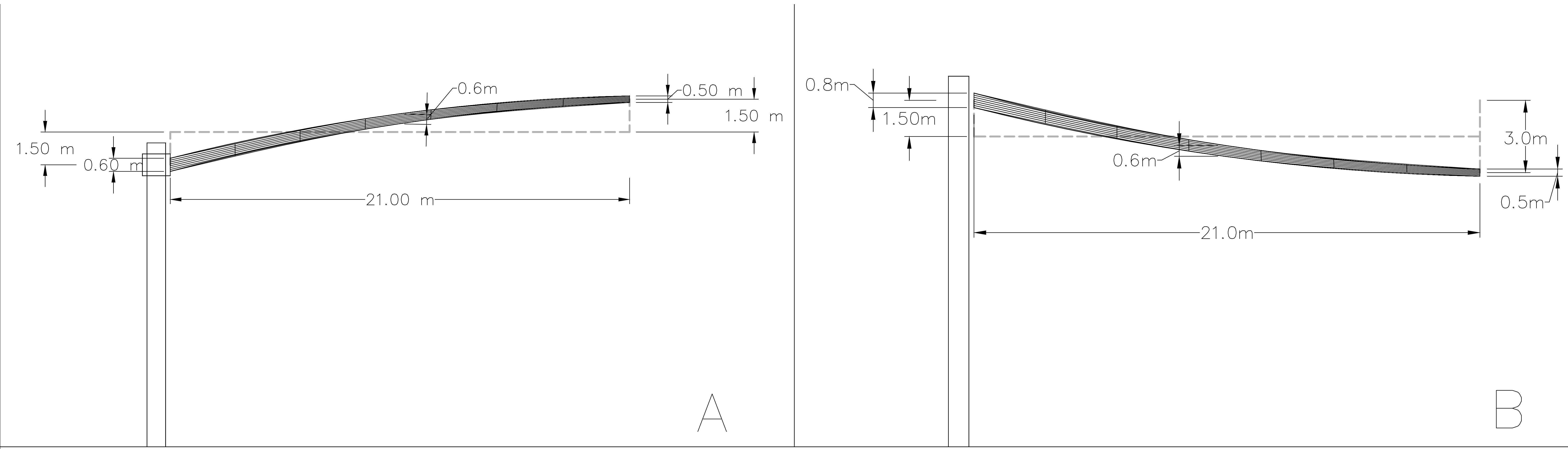


NOTE: The longitudinal element (in the direction of span) is chosen to be continuous while the verticals are not

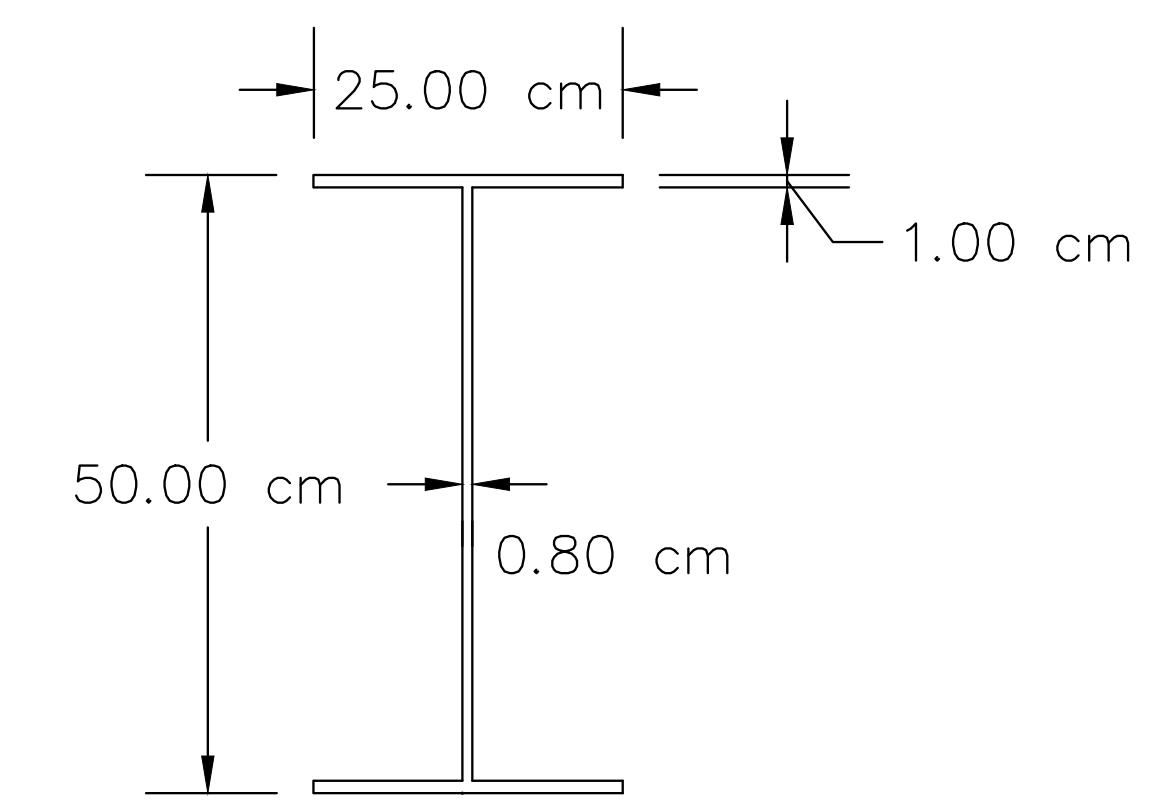
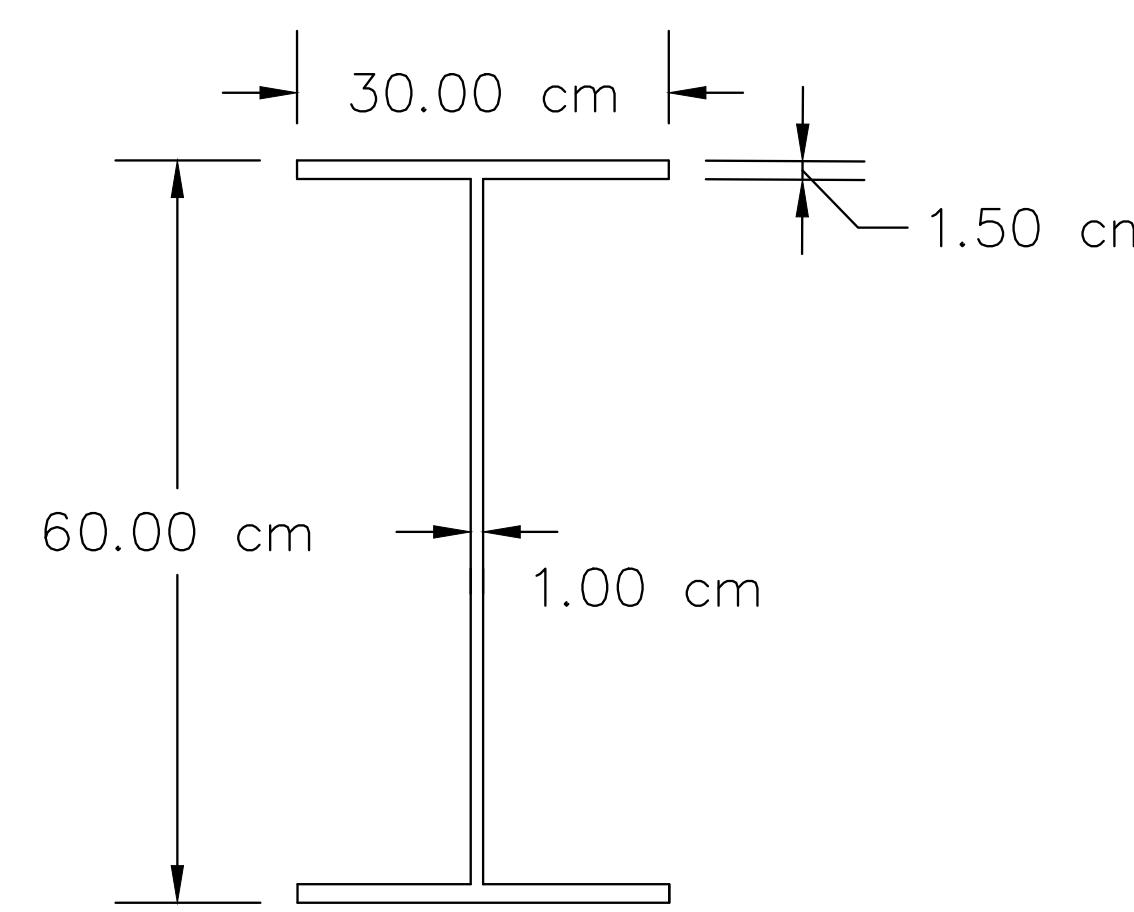
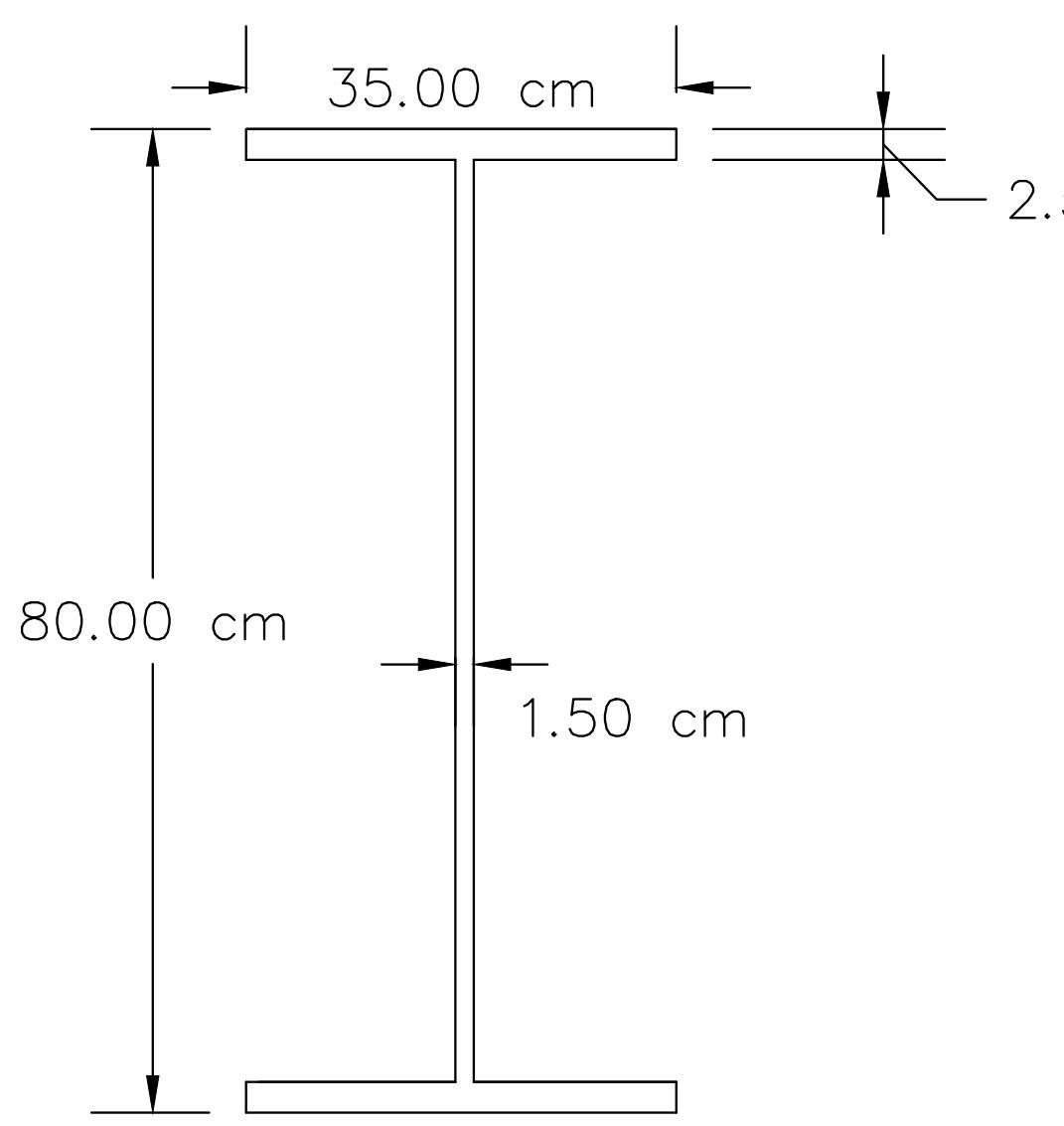
This connection can be replaced with **Welded hollow spherical joints** of DIAMETER 250 MM DIAMETER and thickness 20MM SEE TYPICAL CONNECTION DRAWING (3) FOR DETAILING

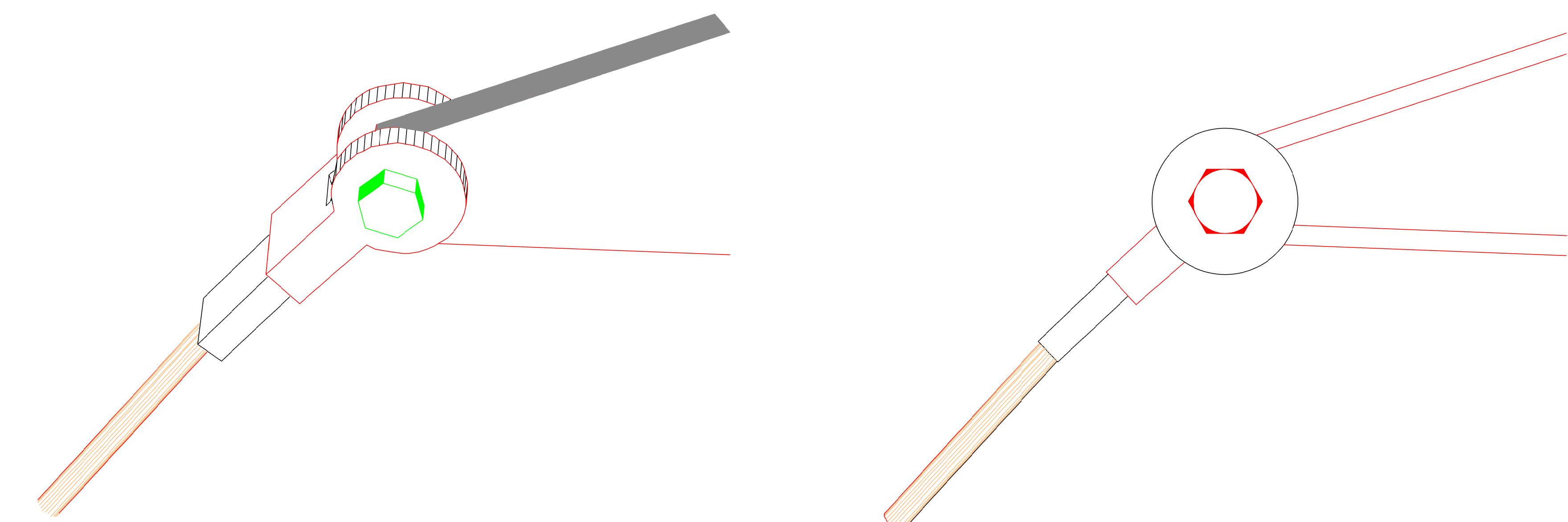
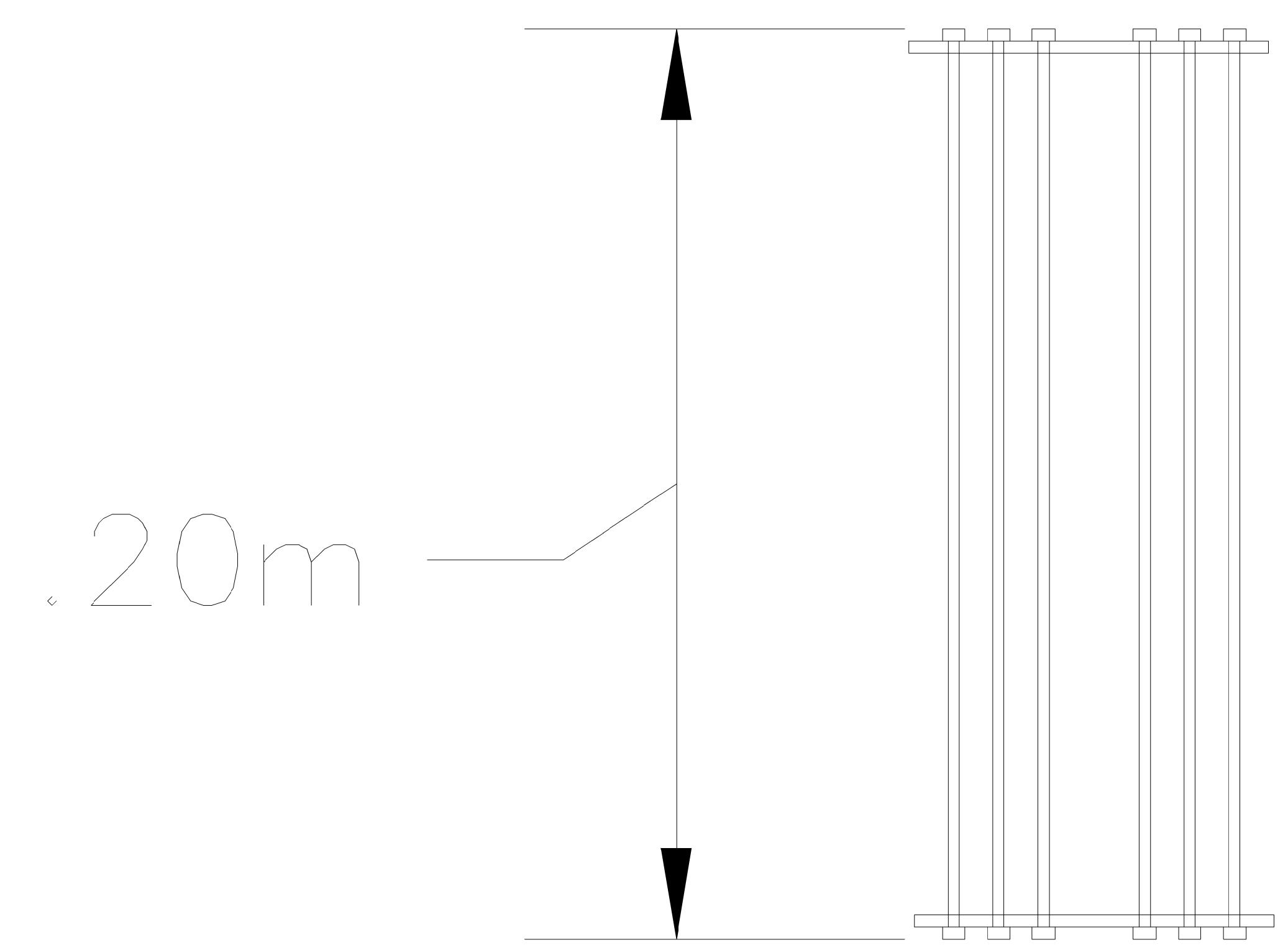
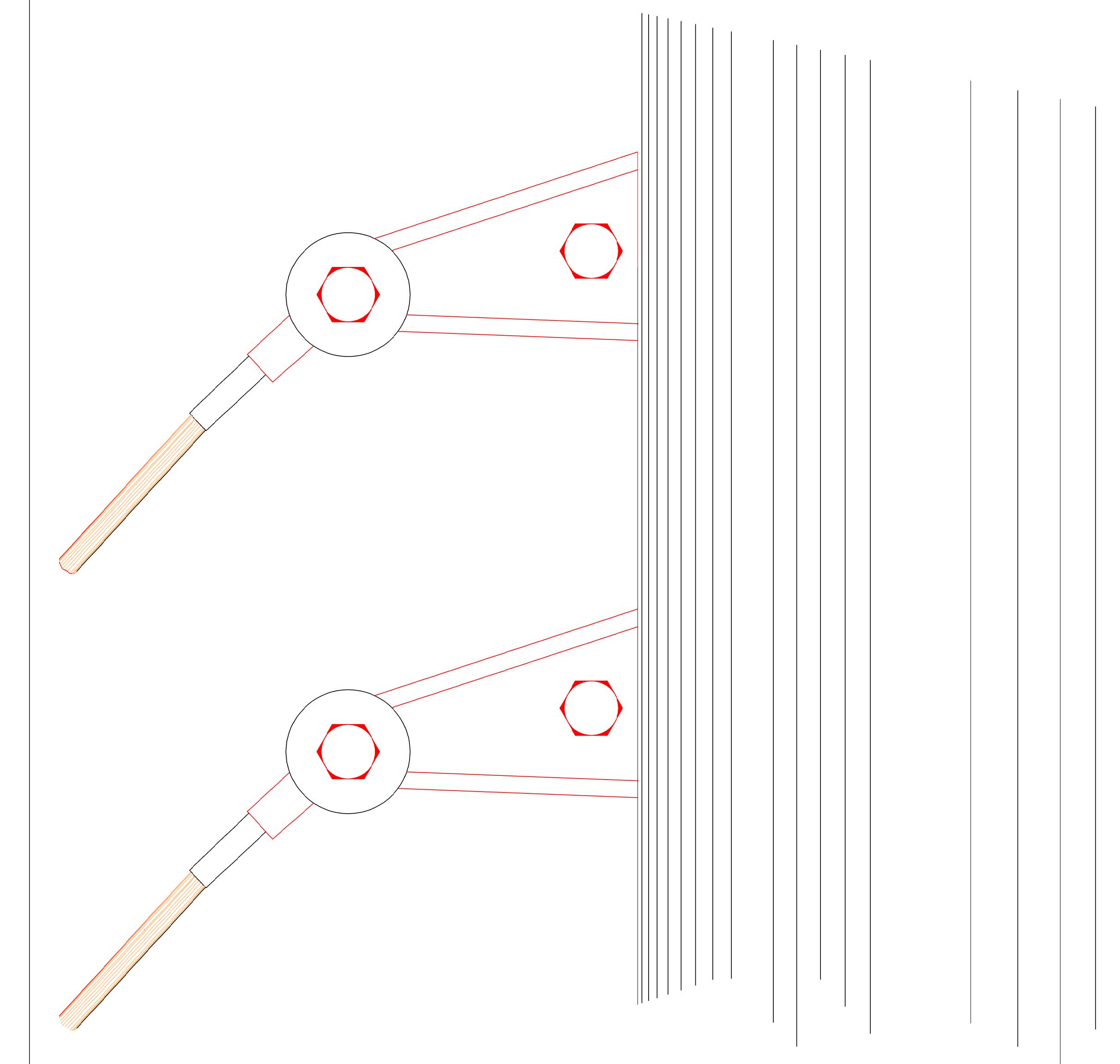
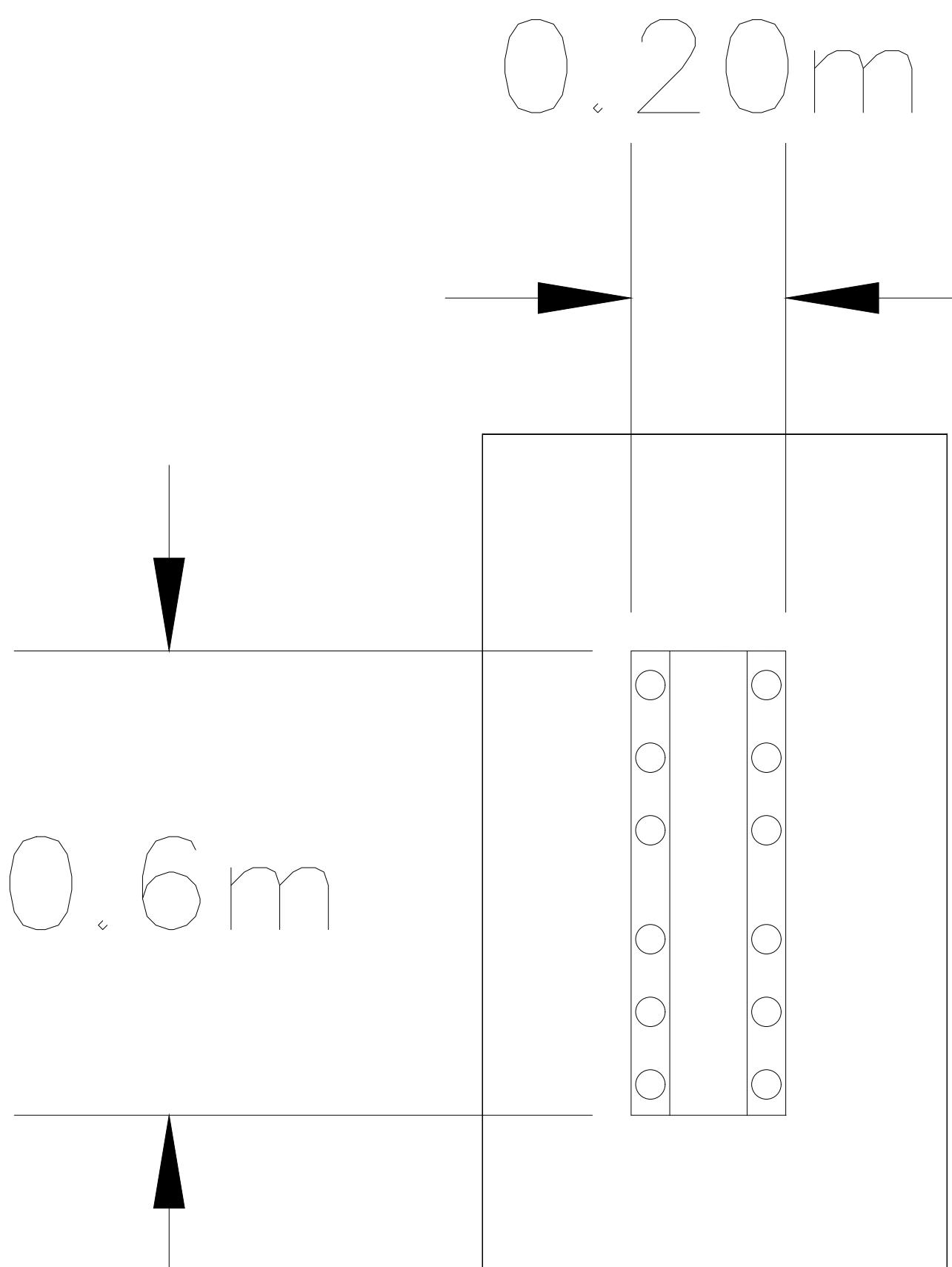


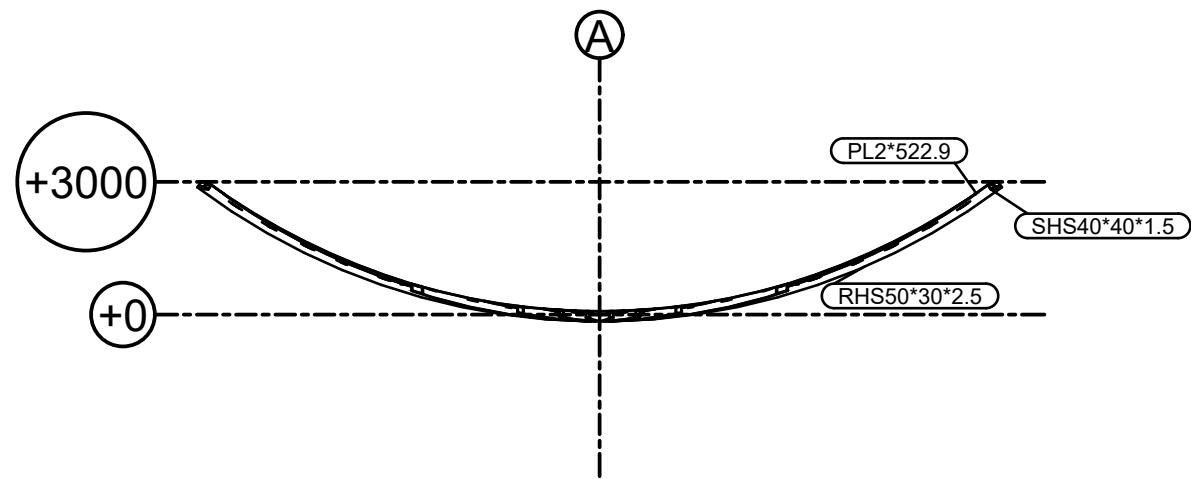
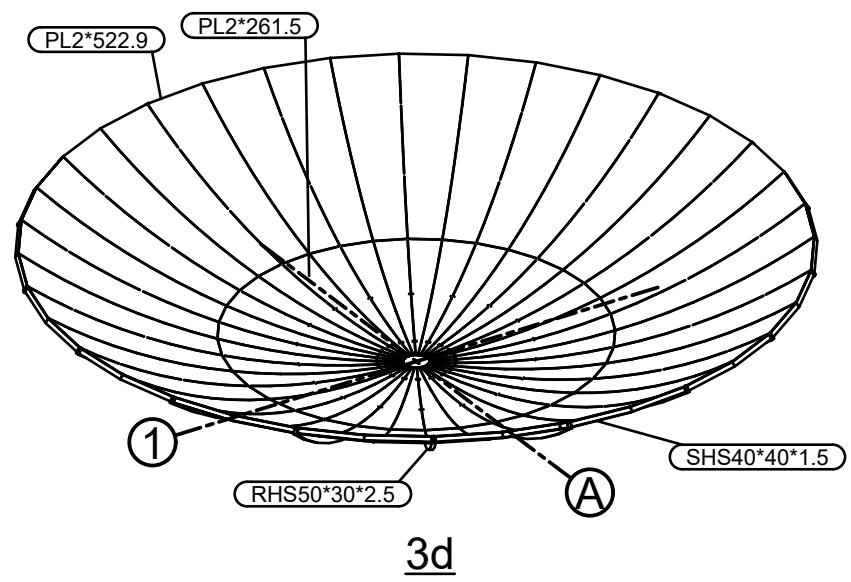




SECCIONES VIGA

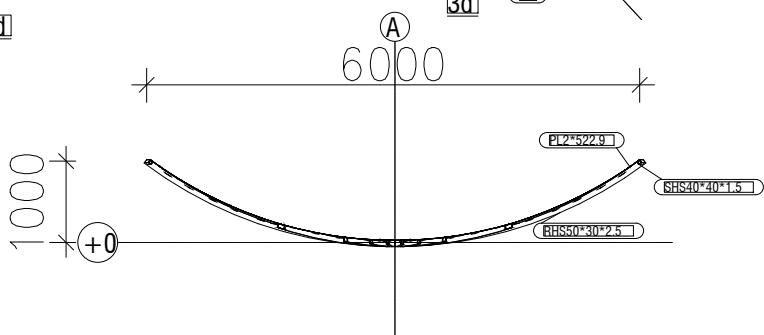
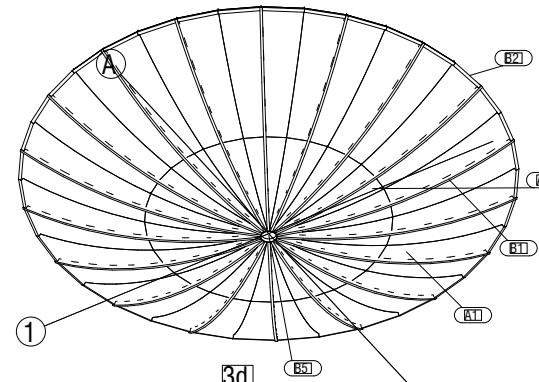
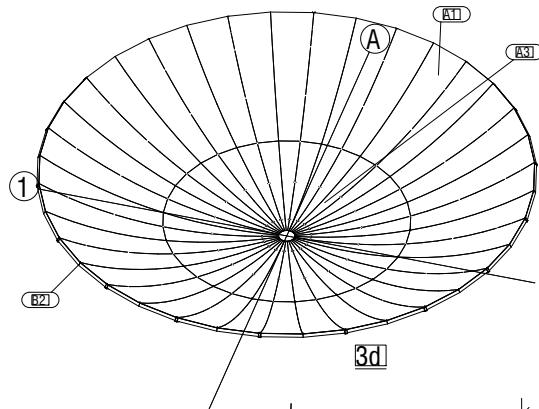
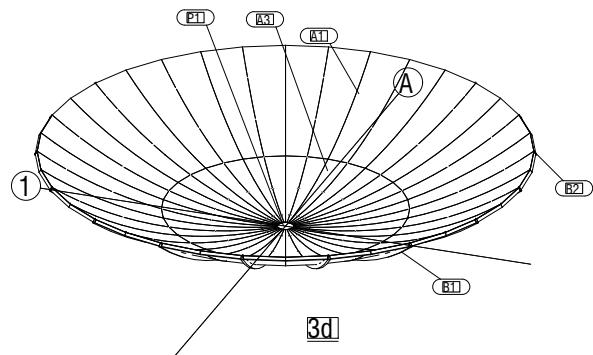




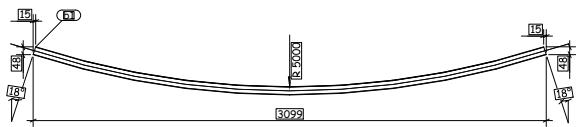


A-NOTES:-

1. ALL DIMENSIONS ARE IN MM (U.N.O.)
2. NO DIMENSIONS TO BE SCALED OFF THE DRAWING ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
3. BUILT UP SECTIONS SHALL BE COMPLIED TO ASTM A572 GR.40 ($f_y=355\text{N/mm}^2$)
4. HOT ROLLED SECTIONS SHALL BE COMPLIED TO BS 4360 GR.43 ($f_y=235\text{N/mm}^2$)
5. ANCHOR BOLTS SHALL CONFORM TO BS EN 10025 S235 JR
6. ALL CONNECTION BOLTS SHALL CONFORM TO BS 3692 Gr. 8.8.
7. WELDING ELECTRODE SHALL COMPLY TO AWS A5.1 E60XX GR. D
8. UNLESS NOTED OTHERWISE, WELD THICKNESS SHALL BE EQUAL TO 4mm.
9. PURLLINS & GIRTS SHALL CONFORM TO ASTM A 446 Gr.D
10. ROOF SHEET SHALL CONFORM TO ASTM A 446 Gr.D
11. READ THIS DRG. WITH RESPECT TO RELATED STRUCTURAL, M&E DRGS. DISCREPANCY & FABRICATION/ERCTION DIFFICULTIES IF ANY SHALL BE BROUGHT TO OUR NOTICE BEFORE THE COMMENCEMENT OF FABRICATION.



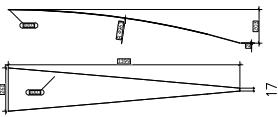
Grid 1



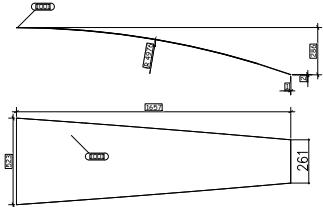
ALLOCATION TO ASSEMBLIES	
Assembly Mark	Quantity
B1	18
Total	18

18 Nos. BEAM REQUIRED AS DRAWN MARKED b1						
All holes are 22mm U.N.O Length & Area & Weight per piece						
b1	RHS50*30*2.5	S235	18	3133.7	0.47	9.2
Mark	Profile	Grade	QTY	Length	Area	Weight

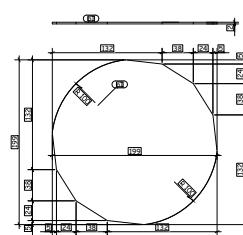
Id	Mark	SHS40*40*1.5	Profile	S235	Grade	QTY	Length	Area	Weight



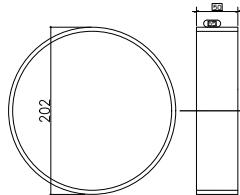
ALLOCATION TO ASSEMBLIES	
Assembly Mark	Quantity
A1	36
Total	36



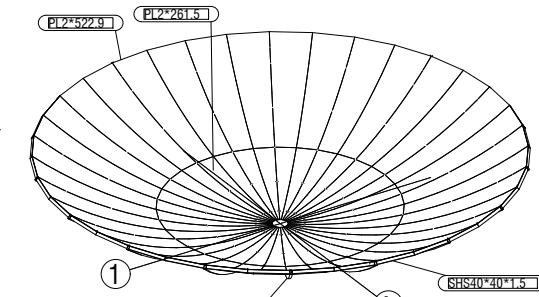
ALLOCATION TO ASSEMBLIES	
Assembly Mark	Quantity
A1	36
Total	36



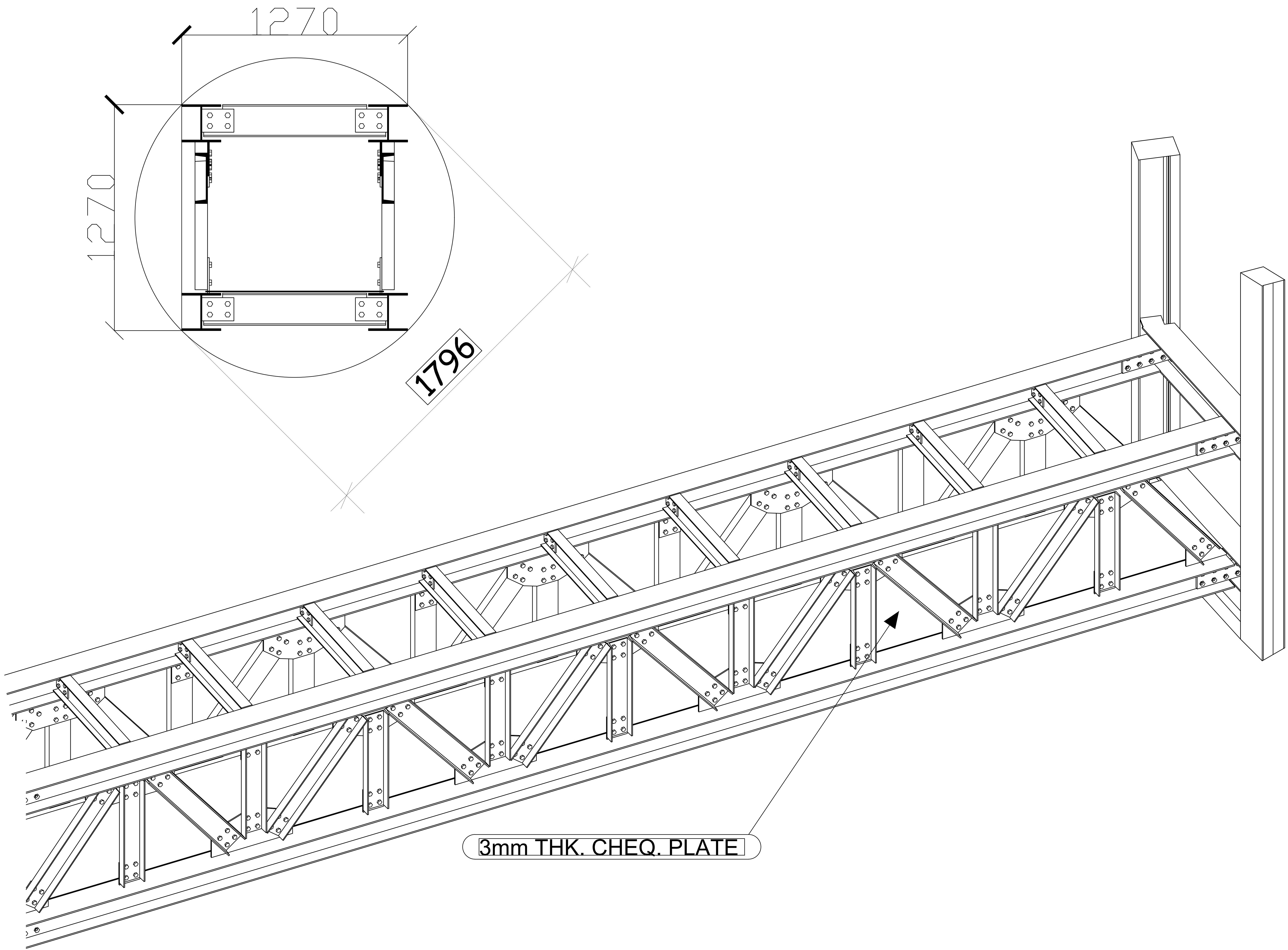
1 Nos. PLATE REQUIRED AS DRAWN MARKED p1						
All holes are 22mm U.N.O Length & Area & Weight per piece						
p1	PL2*122.9	S235	1	1699.0	1.35	10.5
Mark	Profile	Grade	QTY	Length	Area	Weight

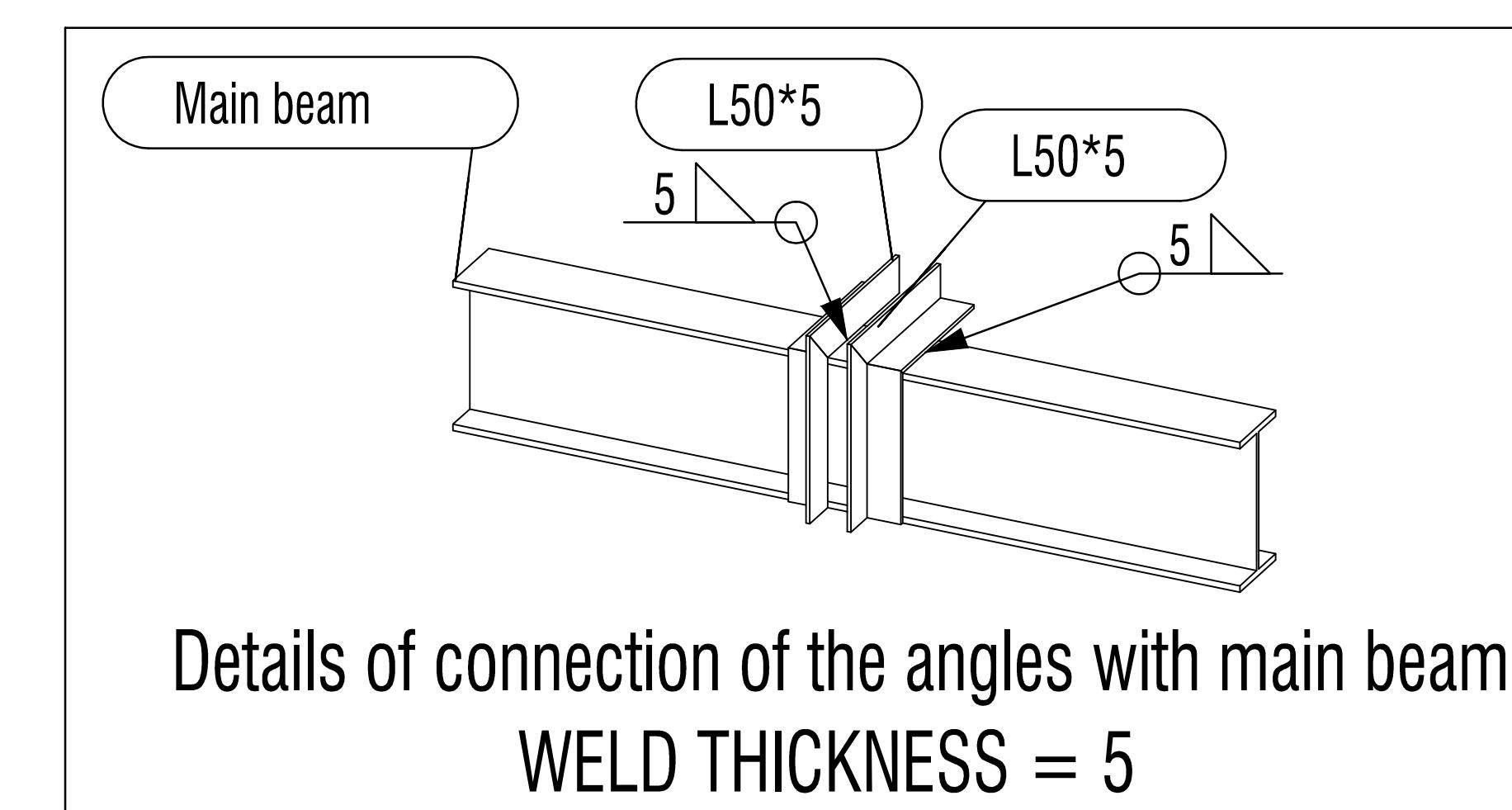
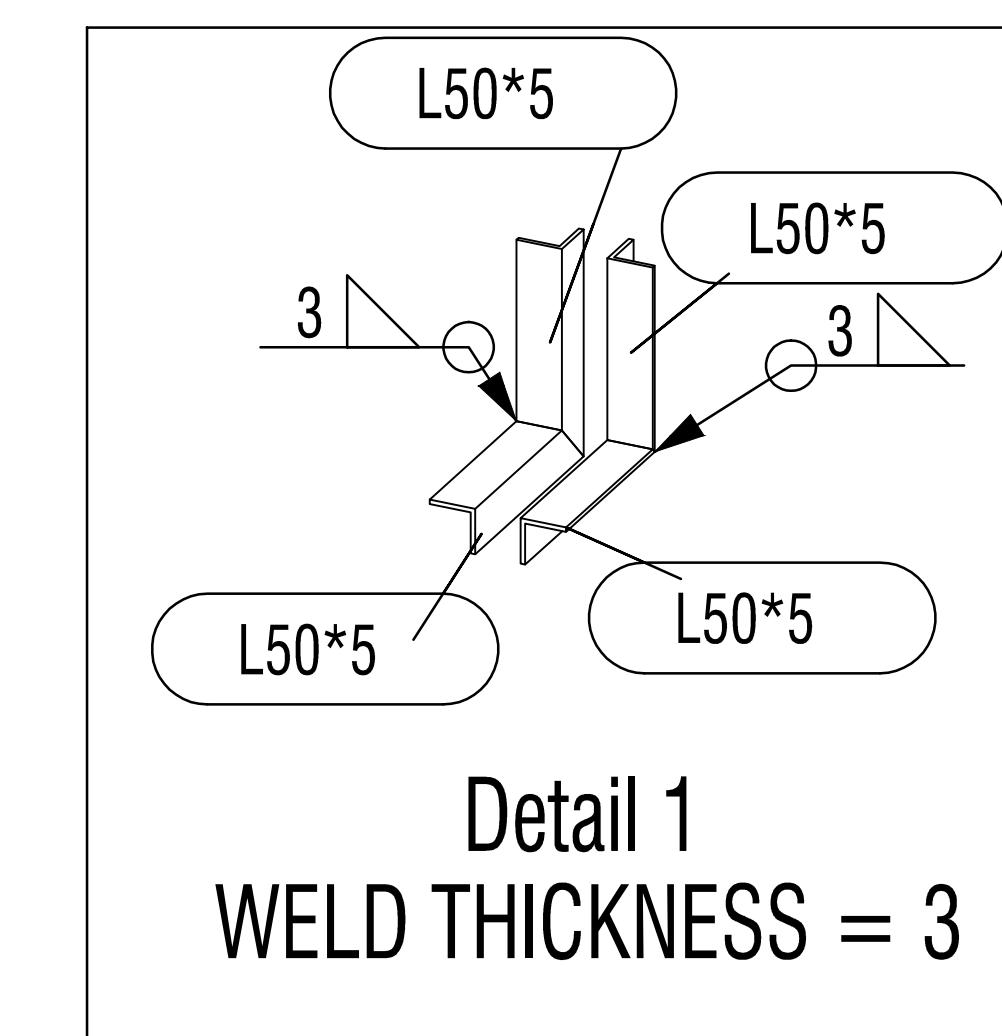
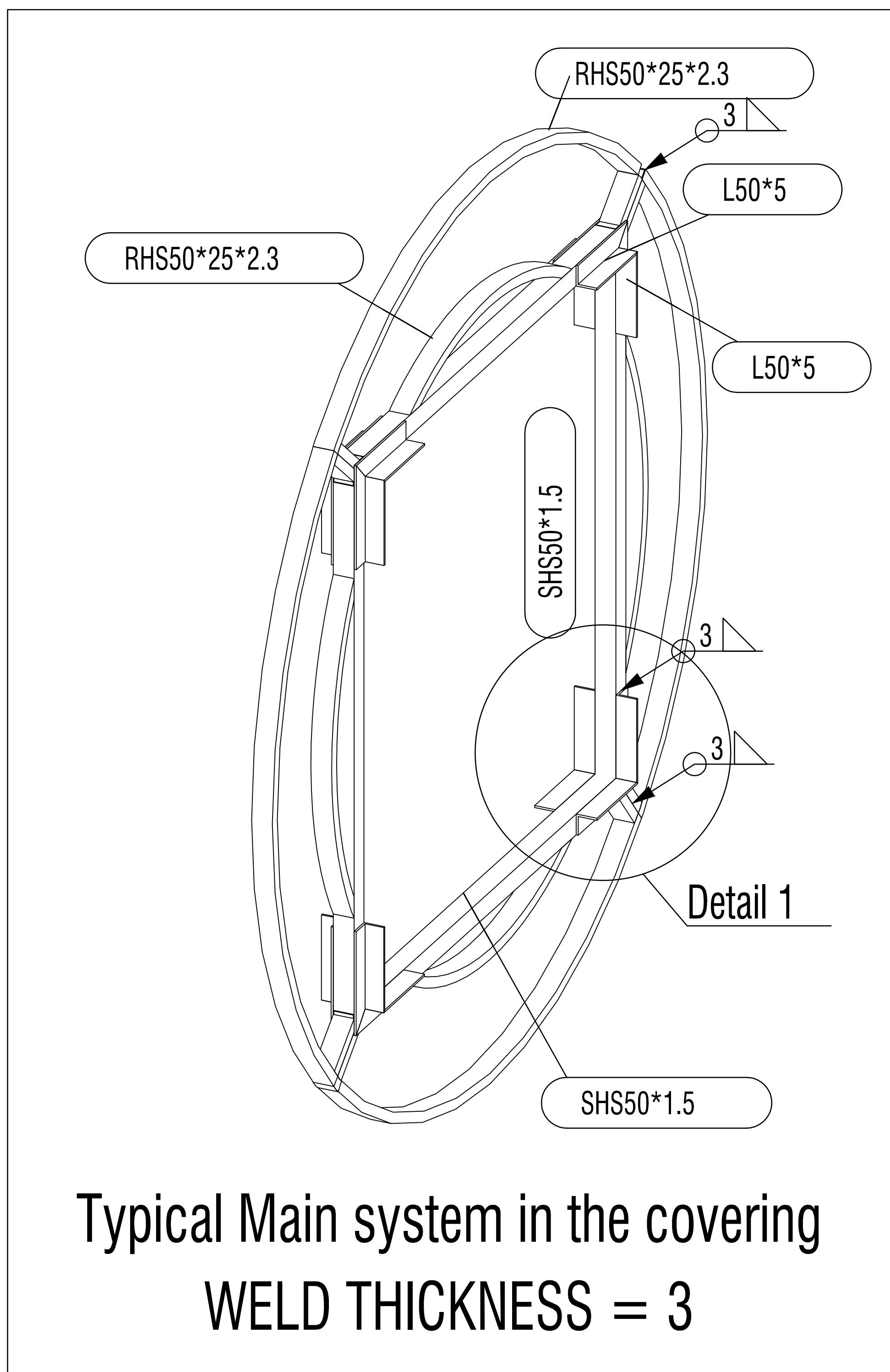
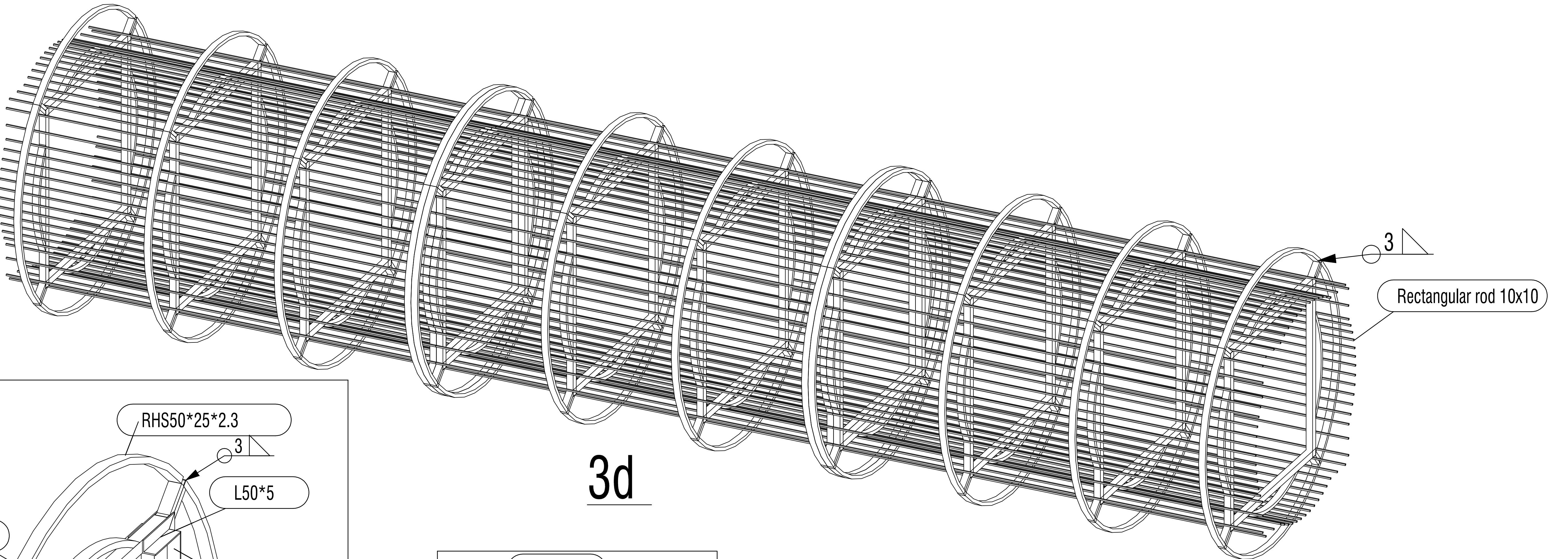


ALLOCATION TO ASSEMBLIES	
Assembly Mark	Quantity
B5	1
Total	1



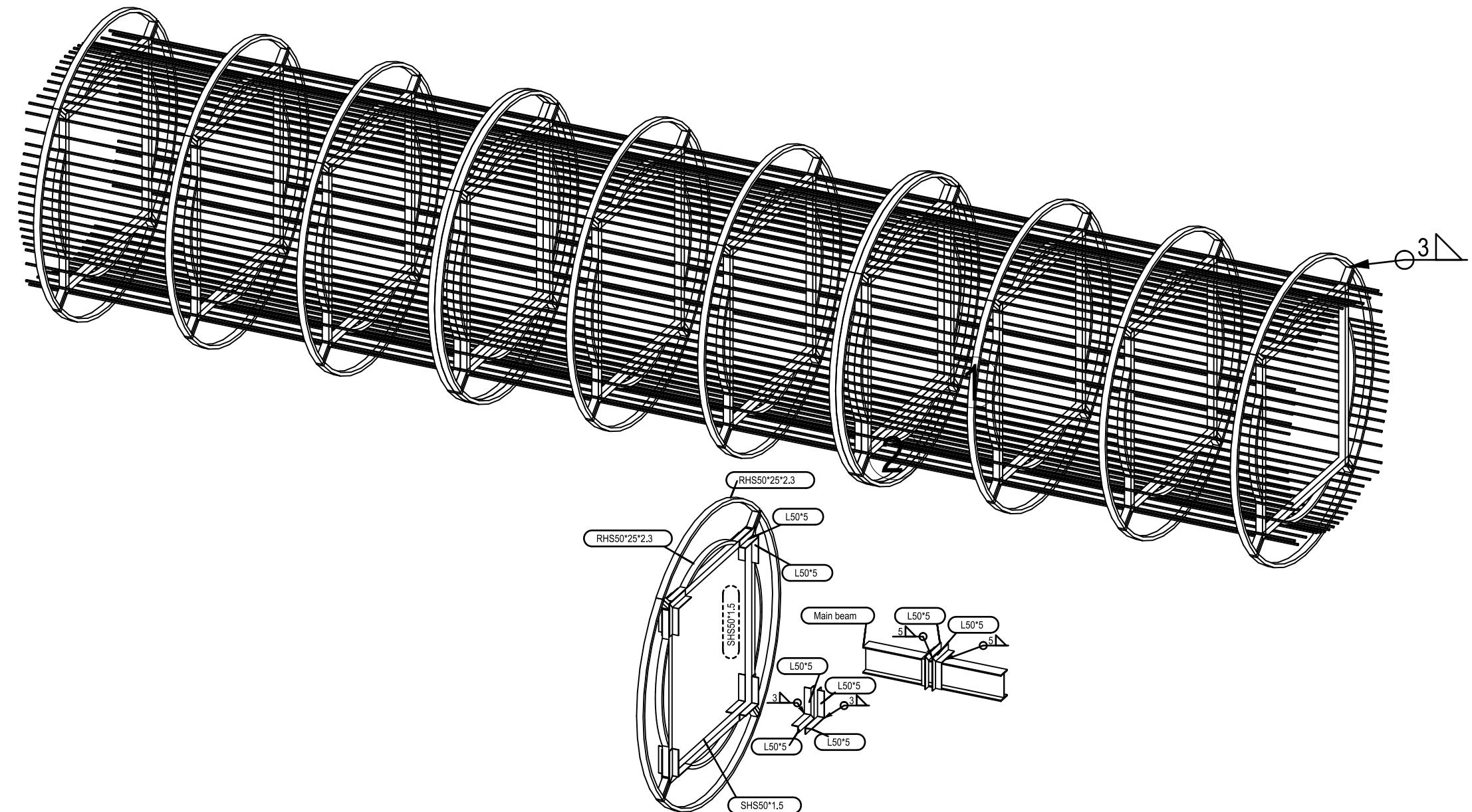
3d





A- NOTES:-

1. ALL DIMENSIONS ARE IN MM (U.N.O.)
2. NO DIMENSIONS TO BE SCALED OFF THE DRAWING ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
3. BUILT UP SECTIONS SHALL BE COMPLIED TO ASTM A572 GR.50 ($f_y=355N/mm^2$)
4. HOT ROLLED SECTIONS SHALL BE COMPLIED TO BS 4360 GR.43 ($f_y=275N/mm^2$)
5. ANCHOR BOLTS SHALL CONFORM TO BS EN 10025 S275 JR
6. ALL CONNECTION BOLTS SHALL CONFORM TO BS 3692 Gr. 8.8.
7. WELDING ELECTRODE SHALL COMPLY TO AWS A5.1 E60XX GR.
8. UNLESS NOTED OTHERWISE, WELD THICKNESS SHALL BE EQUAL TO 6mm.
9. PURLINS & GIRTS SHALL CONFORM TO ASTM A 446 Gr.D
10. ROOF SHEET SHALL CONFORM TO ASTM A 446 Gr.D
11. READ THIS DRG. WITH RESPECT TO RELAVENT STRUCTURAL, M&E DRGS. DISCREPANCY & FABRICATION/ERCTION DIFFICULTIES IF ANY SHALL BE BROUGHT TO OUR NOTICE BEFORE THE COMMENCEMENT OF FABRICATION.



3d

