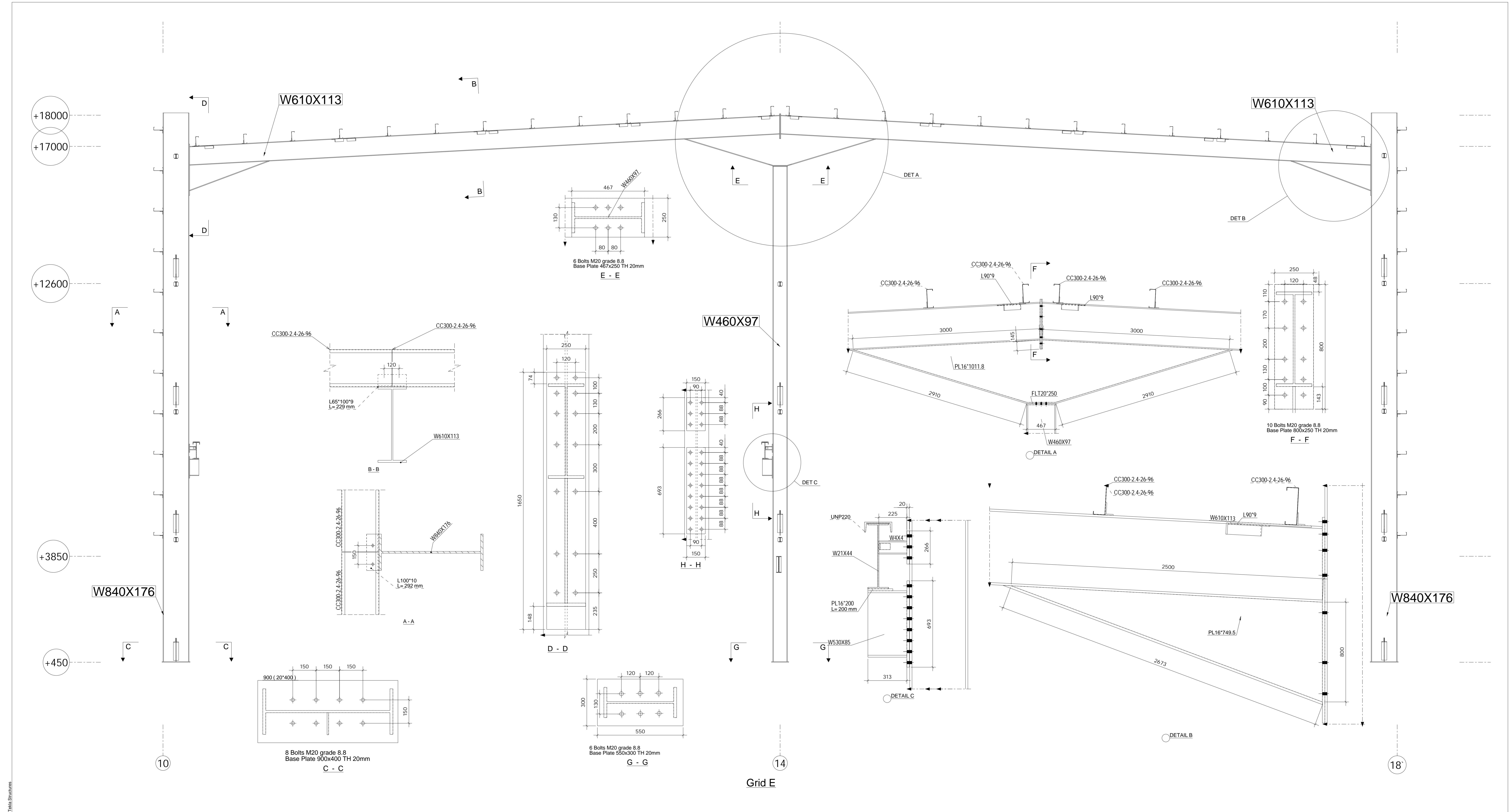
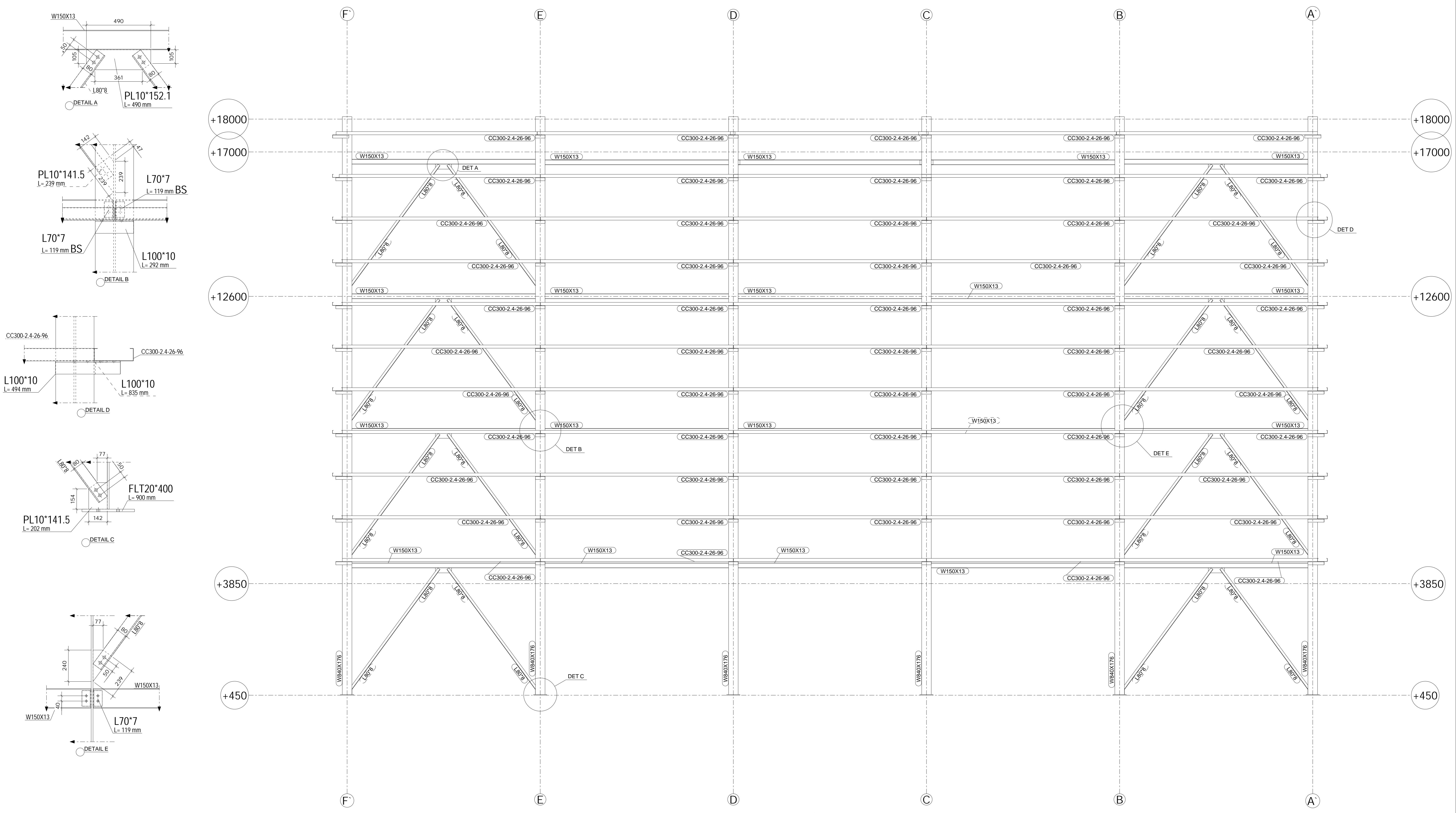
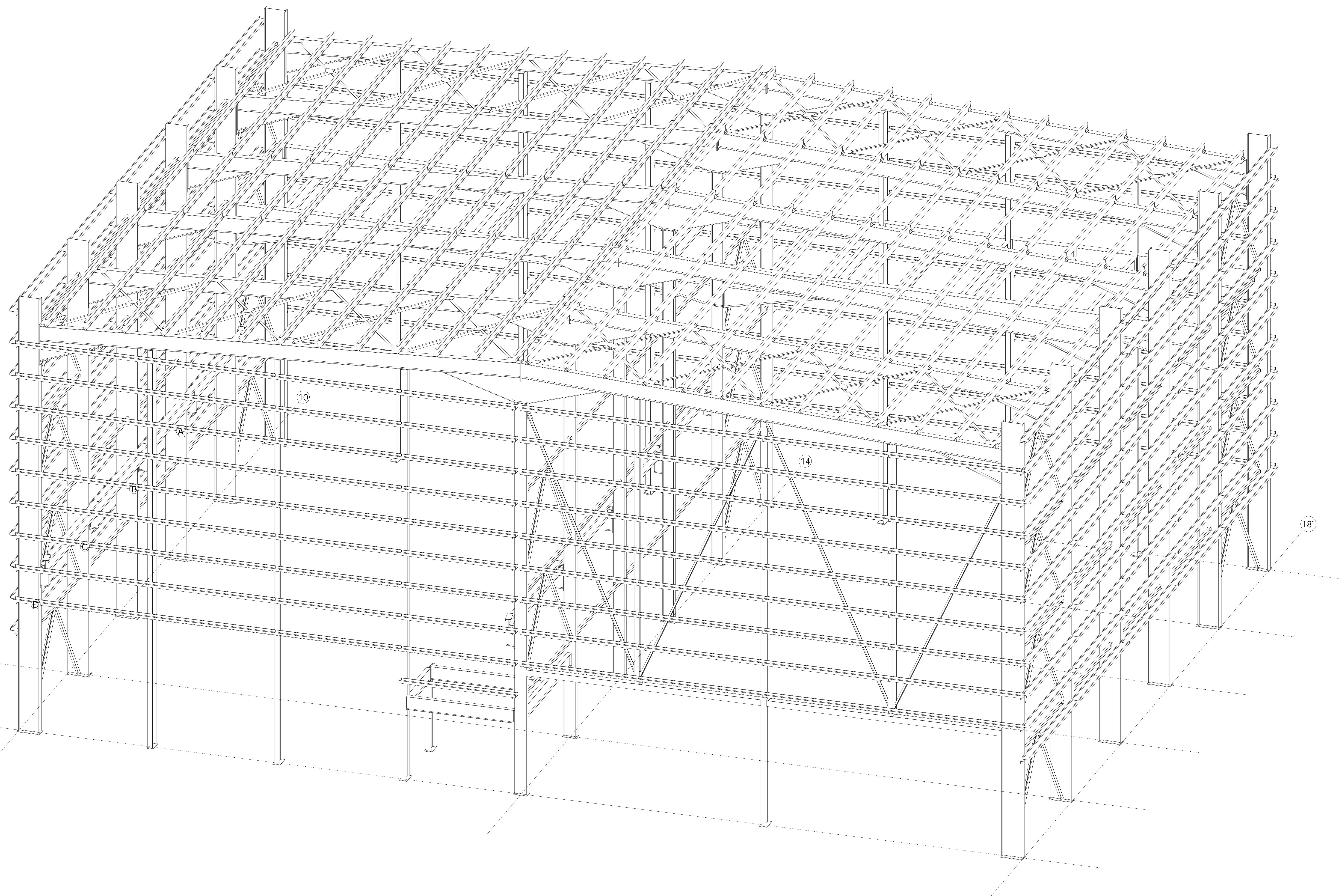


3d



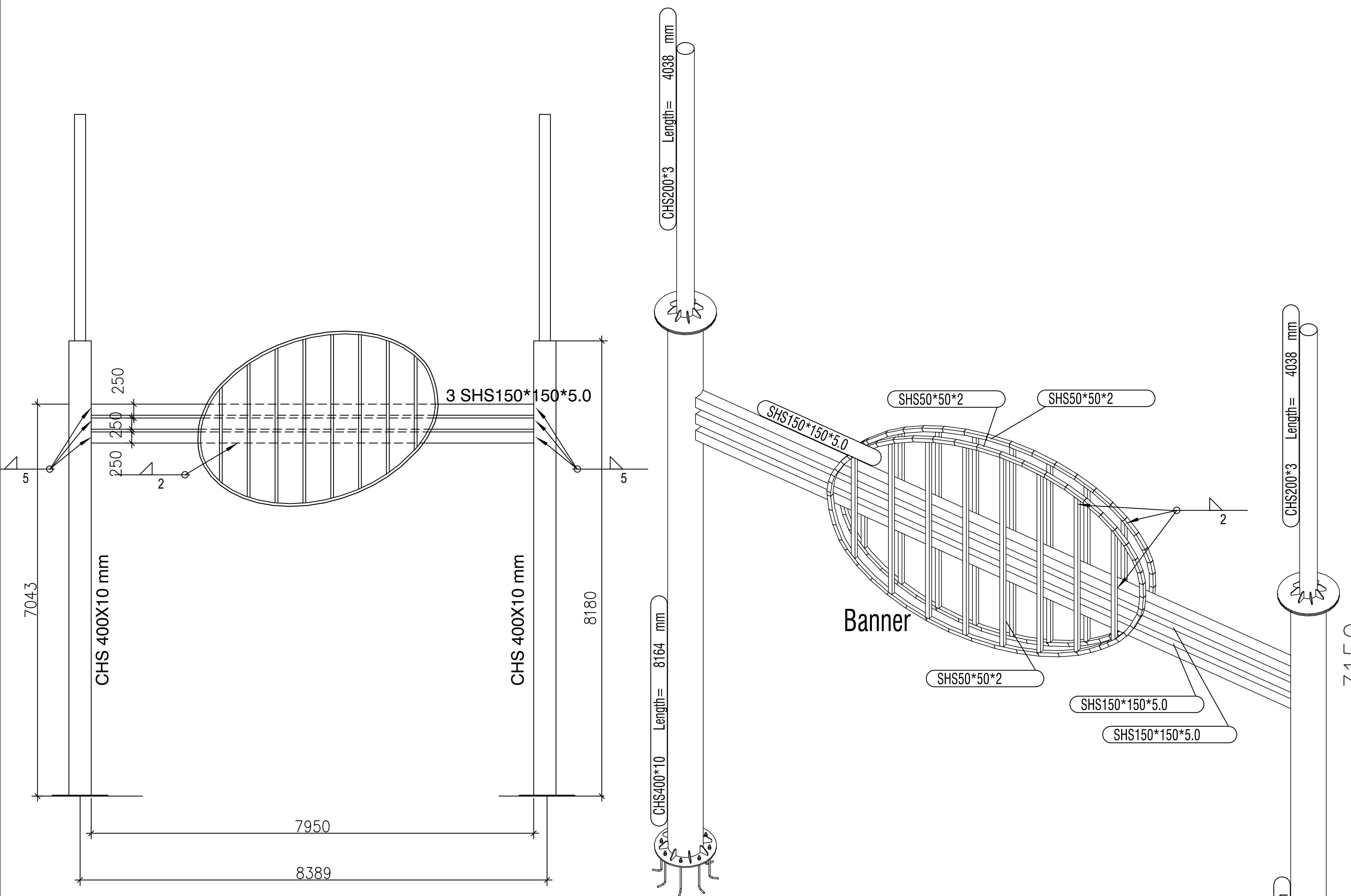




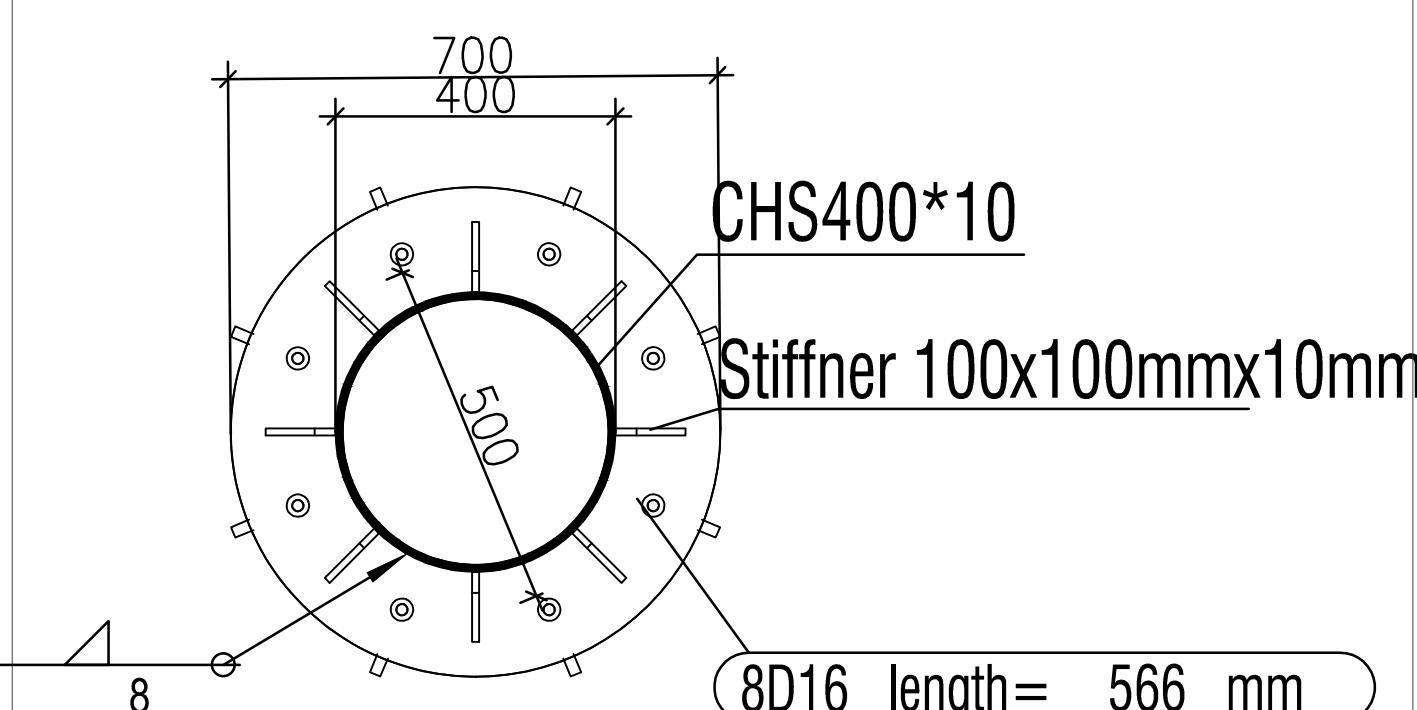
3d

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.



ANCHOR BOLT DIA = 16
PLATE THICKNESS = 16
WELD THICKNESS = 8



Base plate and splice plate details

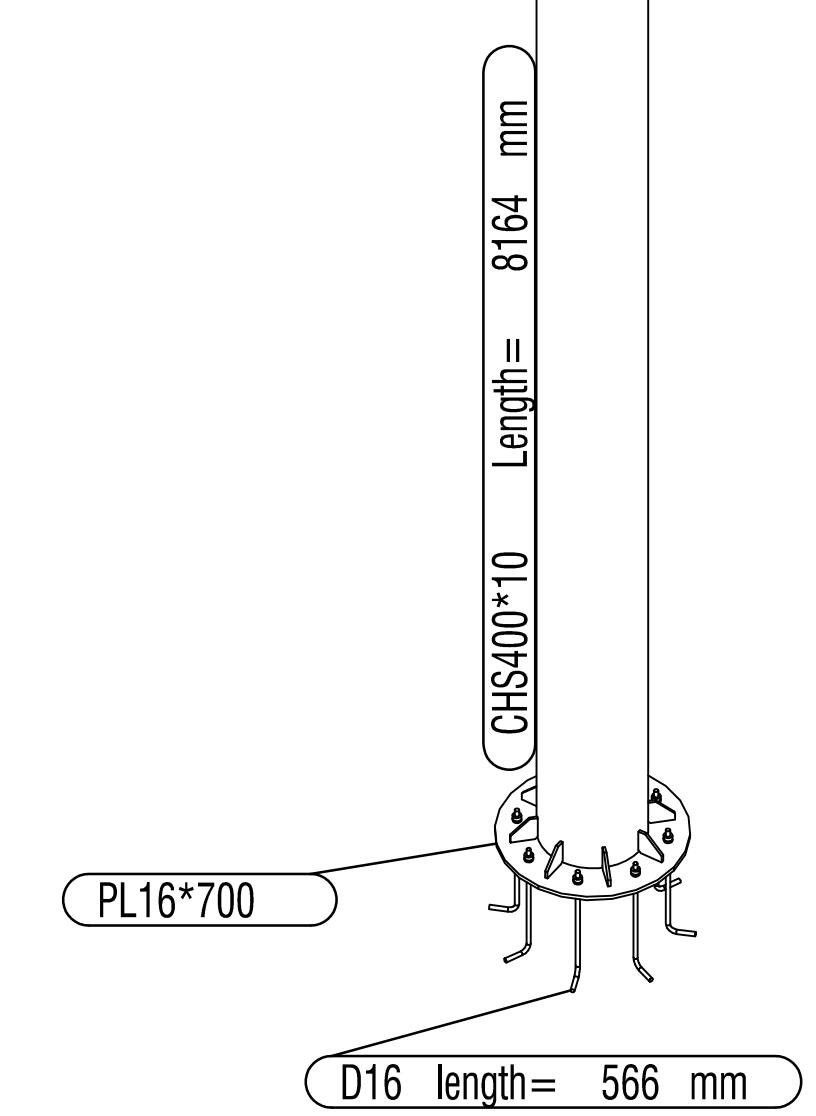
IMPORTANT NOTE:
THE SHOWN ANCHOR BOLT DIMENSIONS ARE APPROXIMATE AND MIGHT BE CHANGED IN THE ISSUED FOR CONSTRUCTION DRAWINGS, CLIENT SHOULD NOT CAST THE ANCHOR BOLTS BASED ON "ISSUED FOR APPROVAL" DRAWINGS.

NOTES FOR REACTIONS

Building reactions are based on the following building data:

Dead Load (kN/m ²)	= 0.45
Collateral Load (kN/m ²)	= 0.25
Live Load (kN/m ²)	= 1.00
Wind Speed 3 sec. gust (Kph)	= 166.0
Wind Code	= SBC301
Exposure	= B
Importance Wind	= 1.00

3d



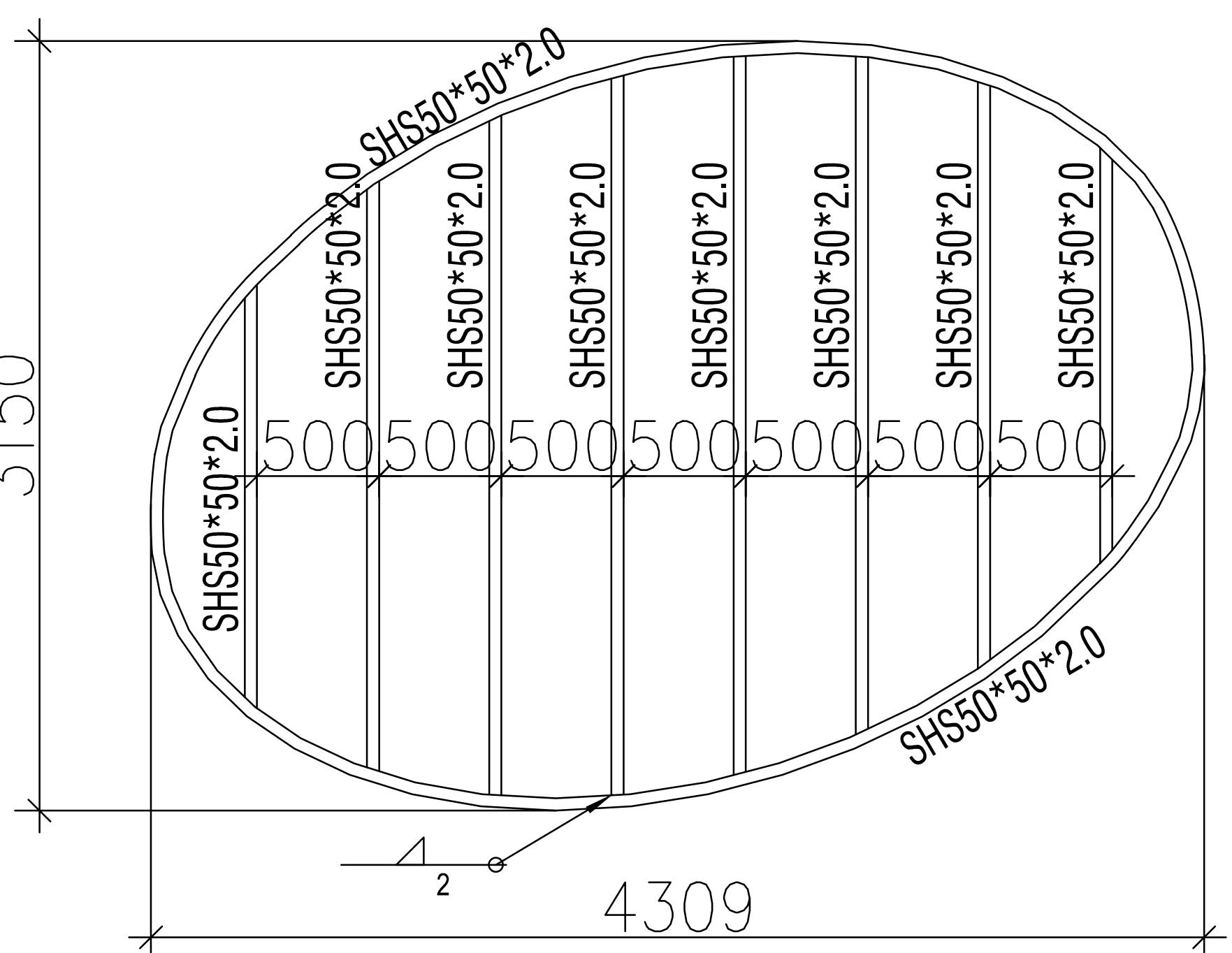
NOTE: ANCHOR BOLT SPECIFICATION (ASTM A36)						
QTY.	DIA. OF BOLT	DIA. OF HOLE	THREAD LENGTH	HOOK LENGTH	ANC. ROD LENGTH	
--	M16	18	150	205	450	

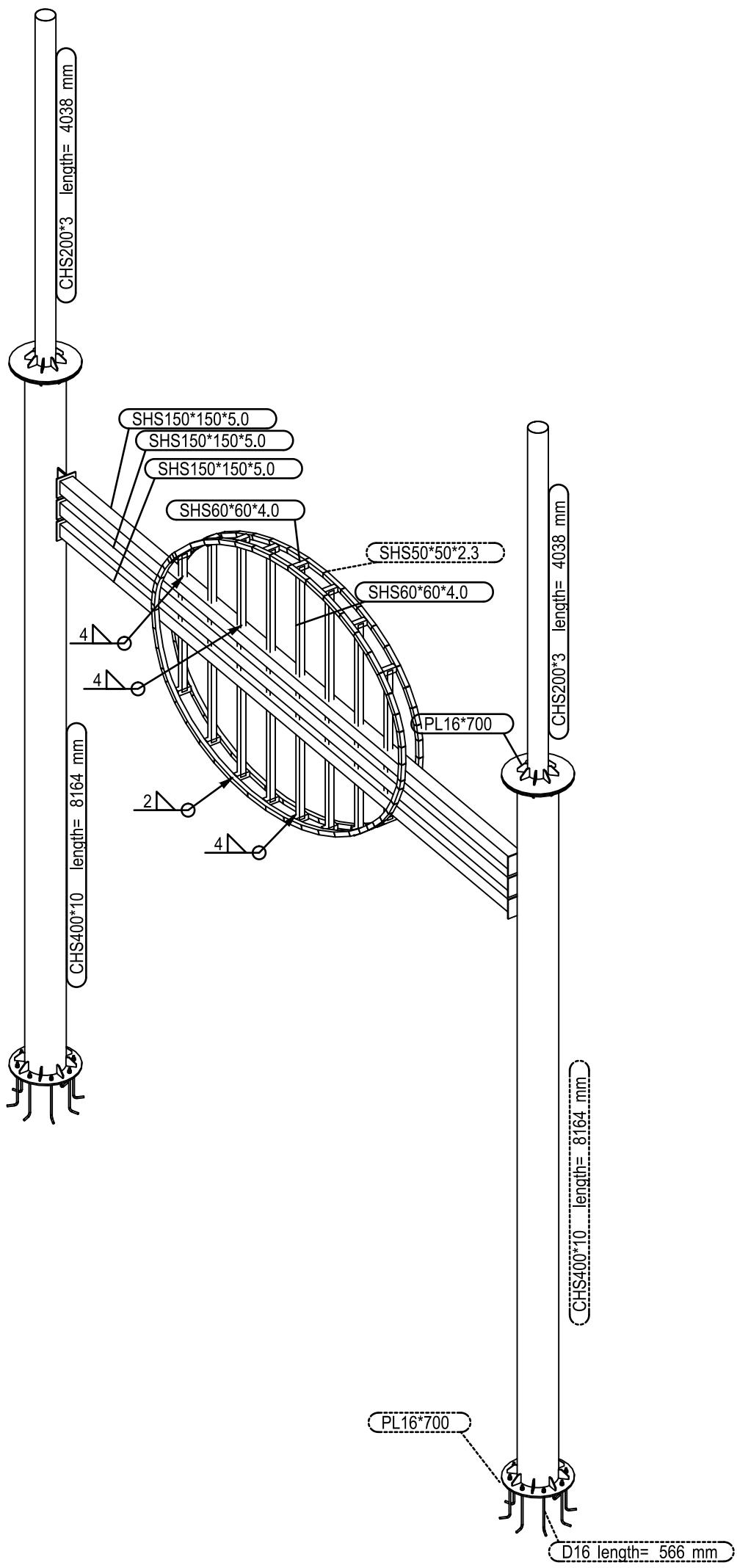
REFERENCE NOTES :-

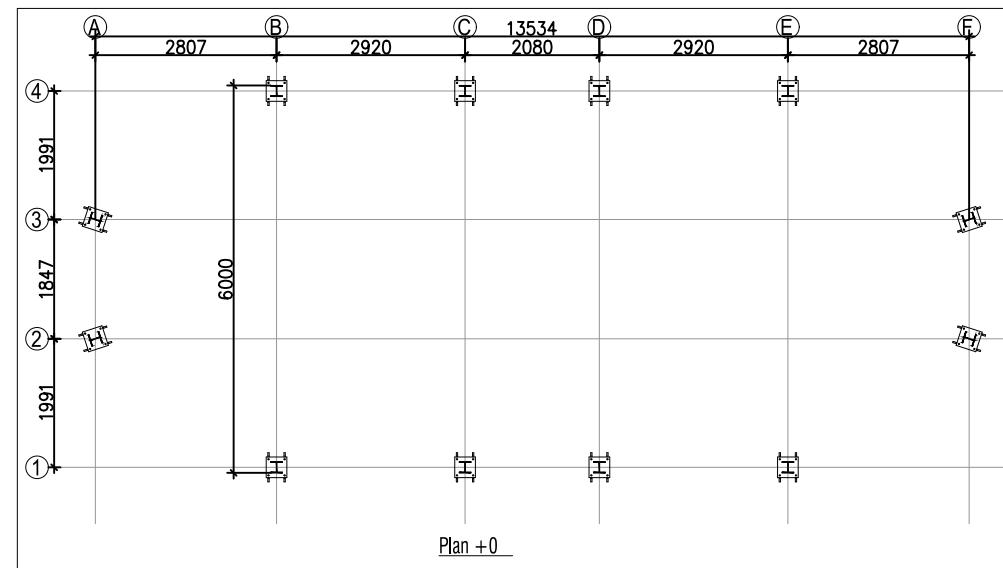
1. BRACING REACTIONS ARE TO BE CONSIDERED WITH THE MAIN FRAME REACTIONS.
2. ALL DIMENSIONS ARE IN MILLIMETERS.
3. BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED OTHERWISE)

ANCHOR BOLT DETAIL

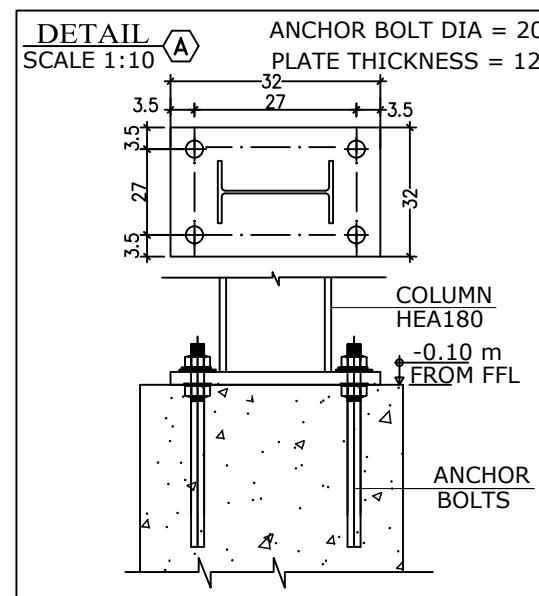
Banner details







COLUMNS LAYOUT

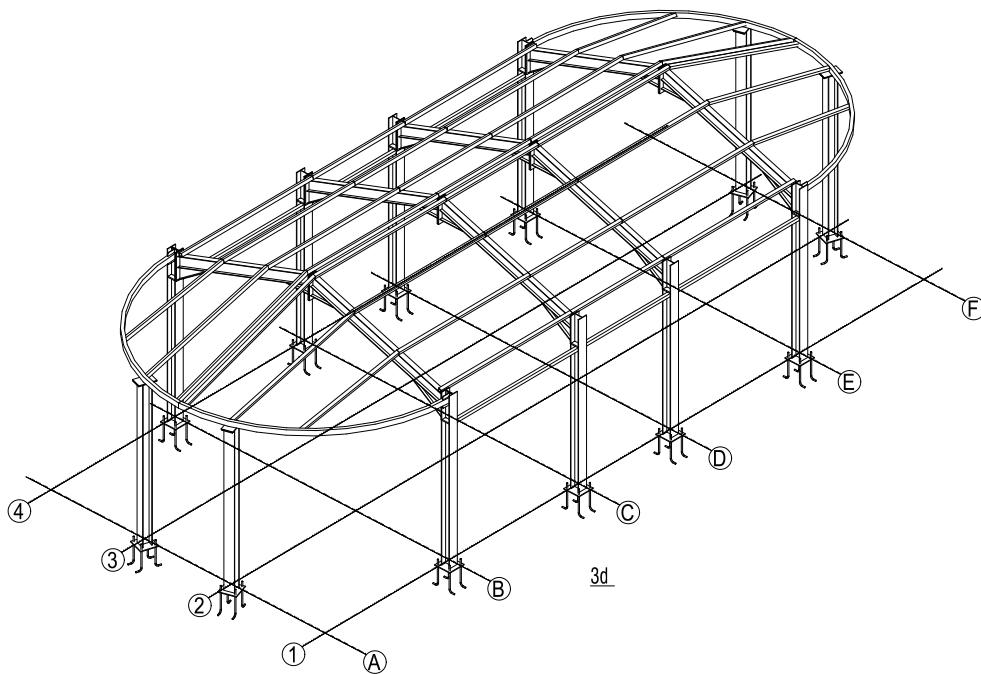


A- NOTES:-

- ALL DIMENSIONS ARE IN MM (U.N.O.)
- NO DIMENSIONS TO BE SCALED OFF THE DRAWING ONLY WRITTEN DIMENSIONS TO BE FOLLOWED.
- BUILT UP SECTIONS SHALL BE COMPLIED TO ASTM A572 GR.50 ($f_y=355\text{N/mm}^2$)
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- 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.

B- DESIGN LOADS :-

- DEAD LOADS = 40 KG/M²
- COLLATERAL LOAD = 25 KG/M²
- ROOF LIVE LOAD = 50 KG/M²
- WIND PRESSURE = 100 KG/M²



IMPORTANT NOTE:

THE SHOWN ANCHOR BOLT DIMENSIONS ARE APPROXIMATE AND MIGHT BE CHANGED IN THE ISSUED FOR CONSTRUCTION DRAWINGS, CLIENT SHOULD NOT CAST THE ANCHOR BOLTS BASED ON "ISSUED FOR APPROVAL" DRAWINGS.

NOTES FOR REACTIONS

Building reactions are based on the following building data:

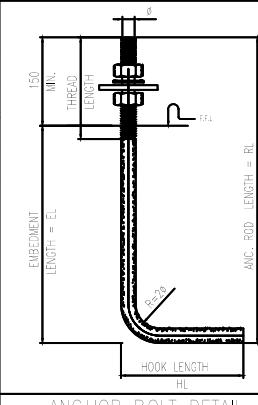
Dead Load (kN/m ²)	= 0.40
Collateral Load (kN/m ²)	= 0.25
Live Load (kN/m ²)	= 0.50
Wind Speed 3 sec. gust (Kph)	= 166.0
Wind Code	= SBC301
Exposure	= B
Importance Wind	= 1.00

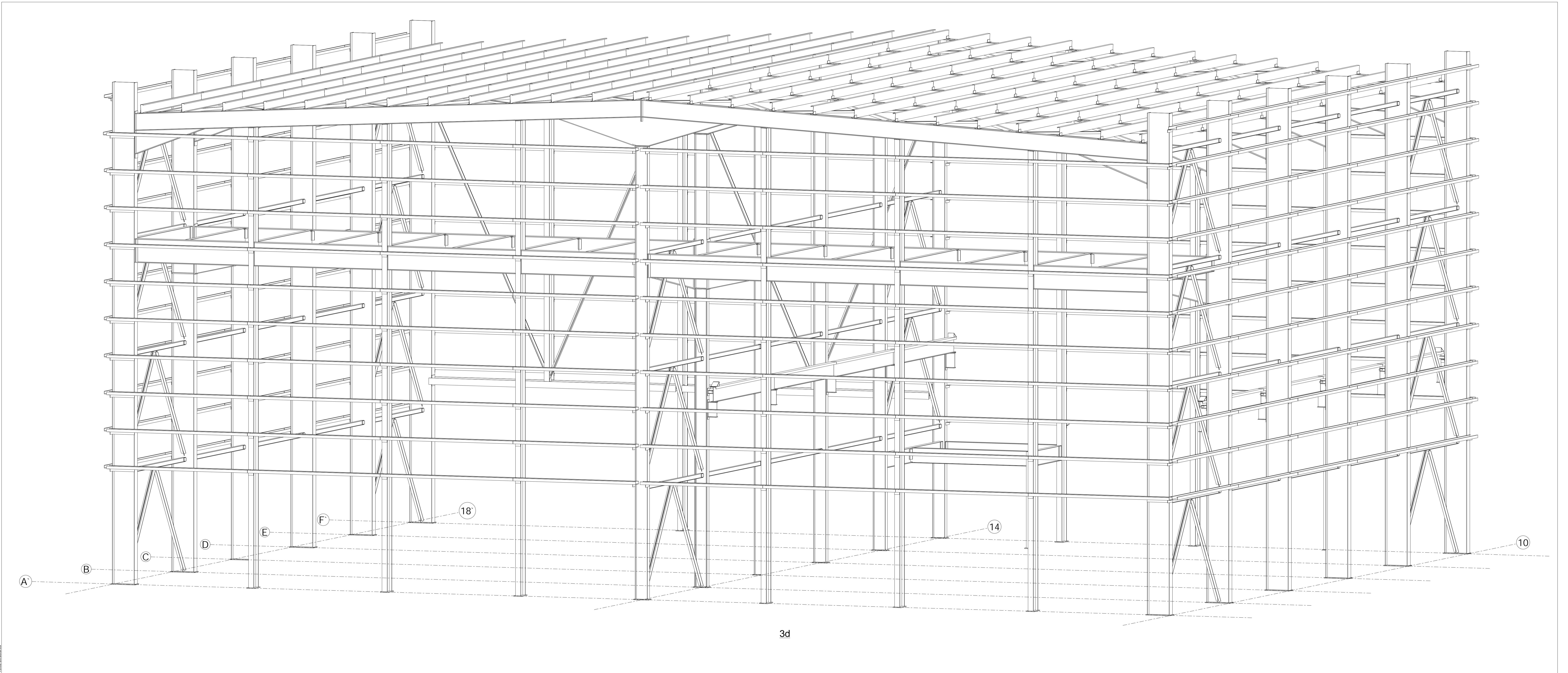
NOTE: ANCHOR BOLT SPECIFICATION (ASTM A36)

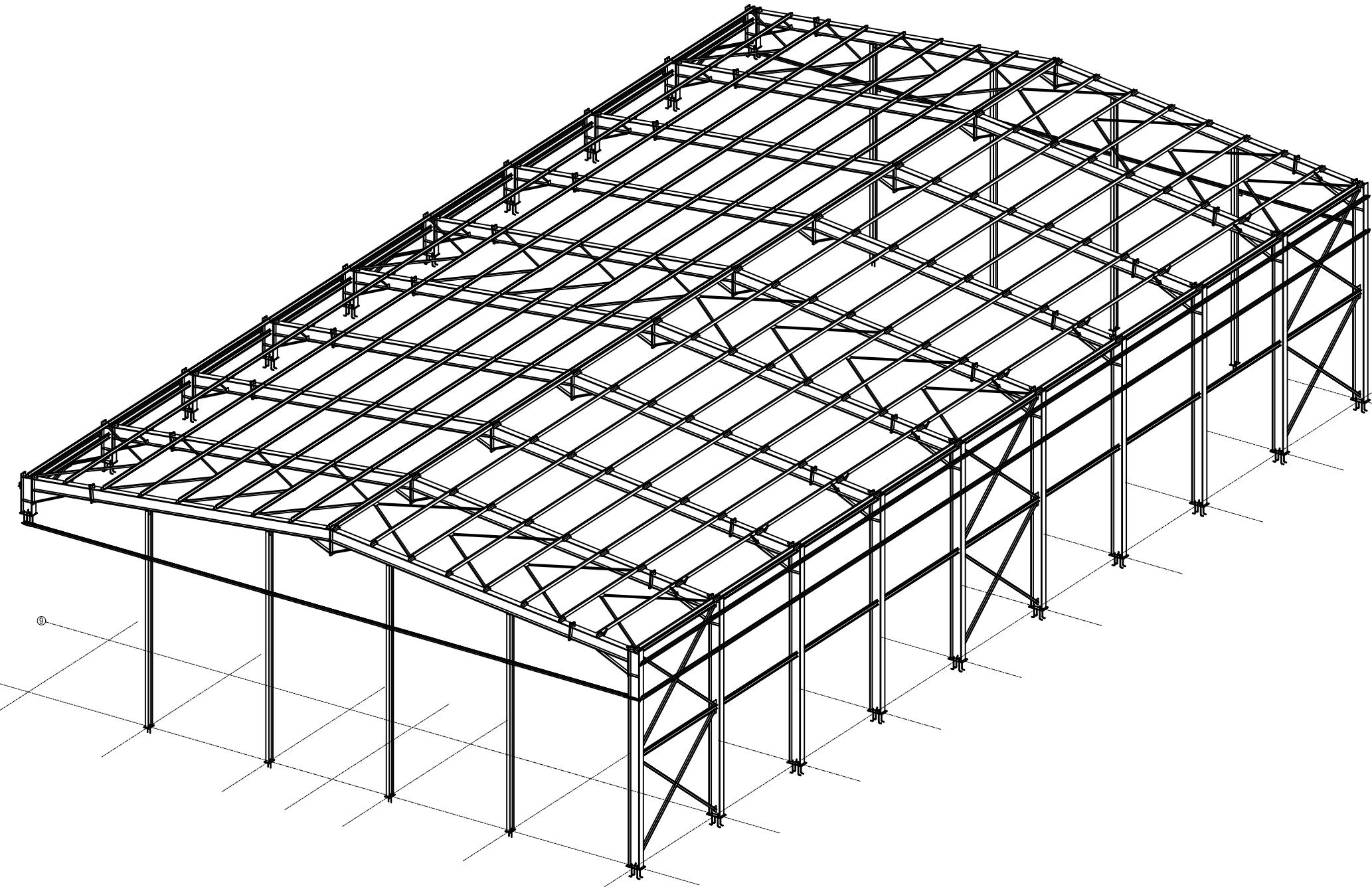
QTY.	DIA. OF BOLT	DIA. OF HOLE	THREAD LENGTH	HOOK LENGTH	ANC. ROD LENGTH
--	M20	24	150	205	400

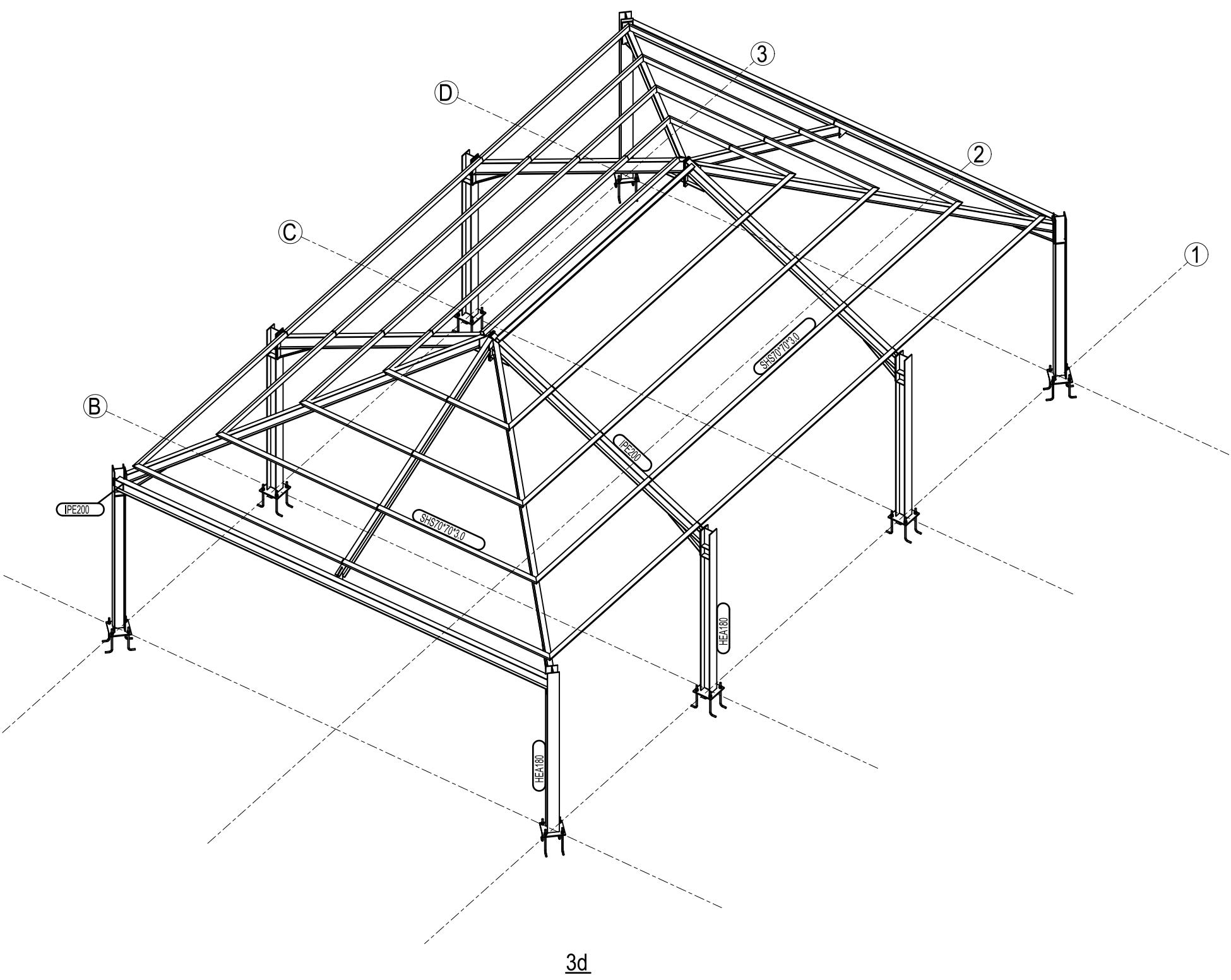
REFERENCE NOTES :-

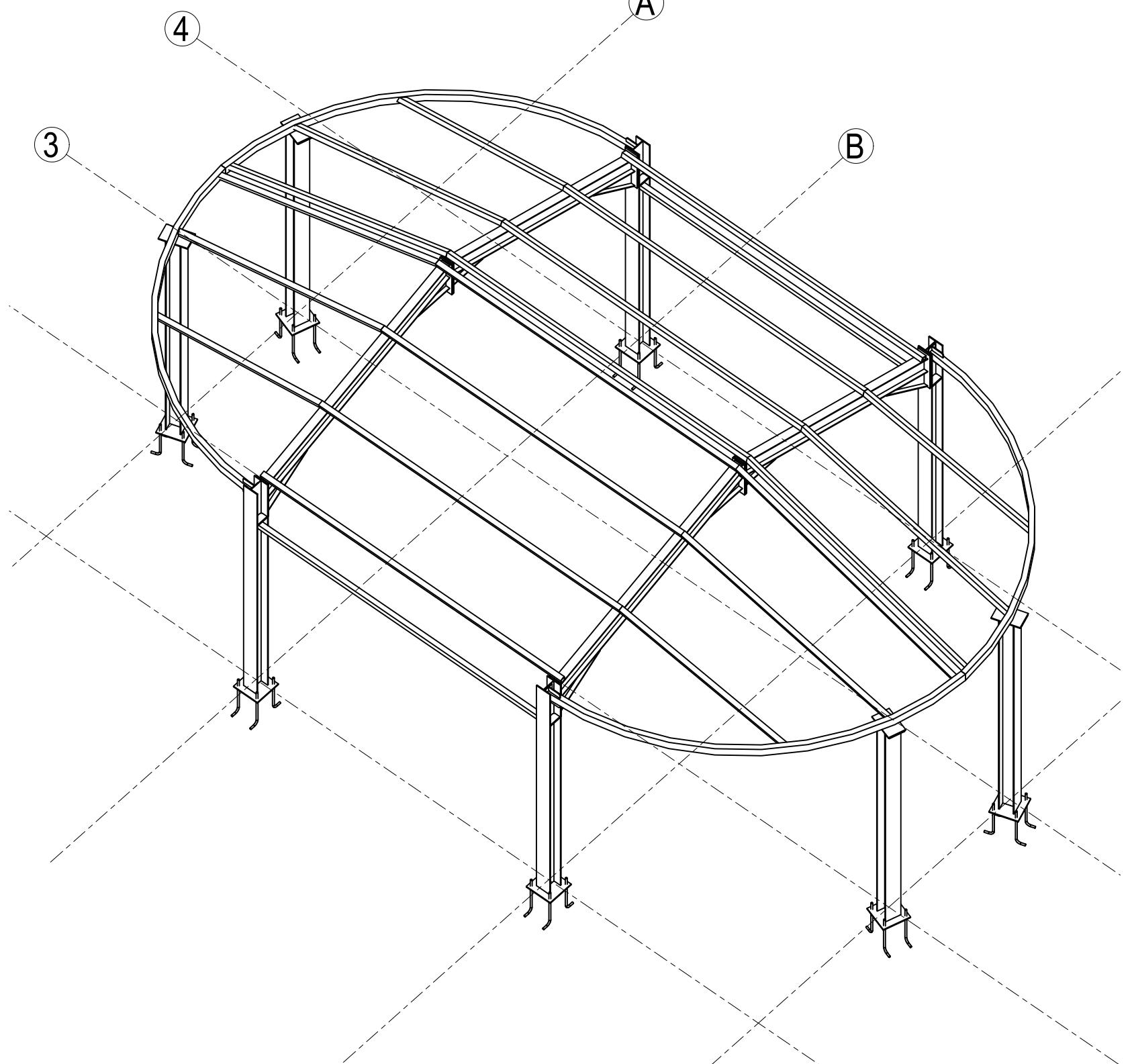
- BRACING REACTIONS ARE TO BE CONSIDERED WITH THE MAIN FRAME REACTIONS.
- ALL DIMENSIONS ARE IN MILLIMETERS.
- BOTTOM OF ALL BASE PLATES ARE AT THE SAME ELEVATION. (UNLESS NOTED OTHERWISE)

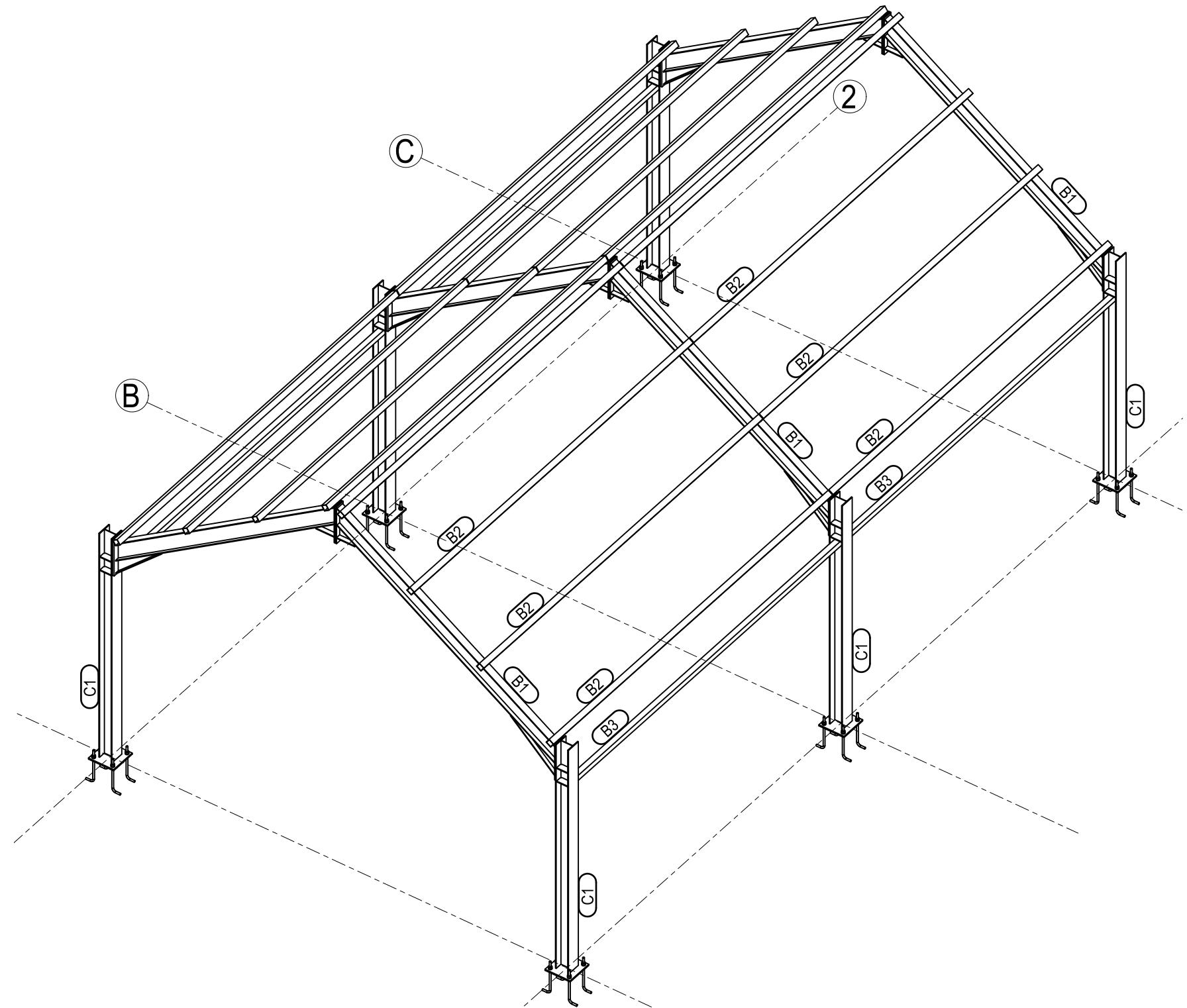


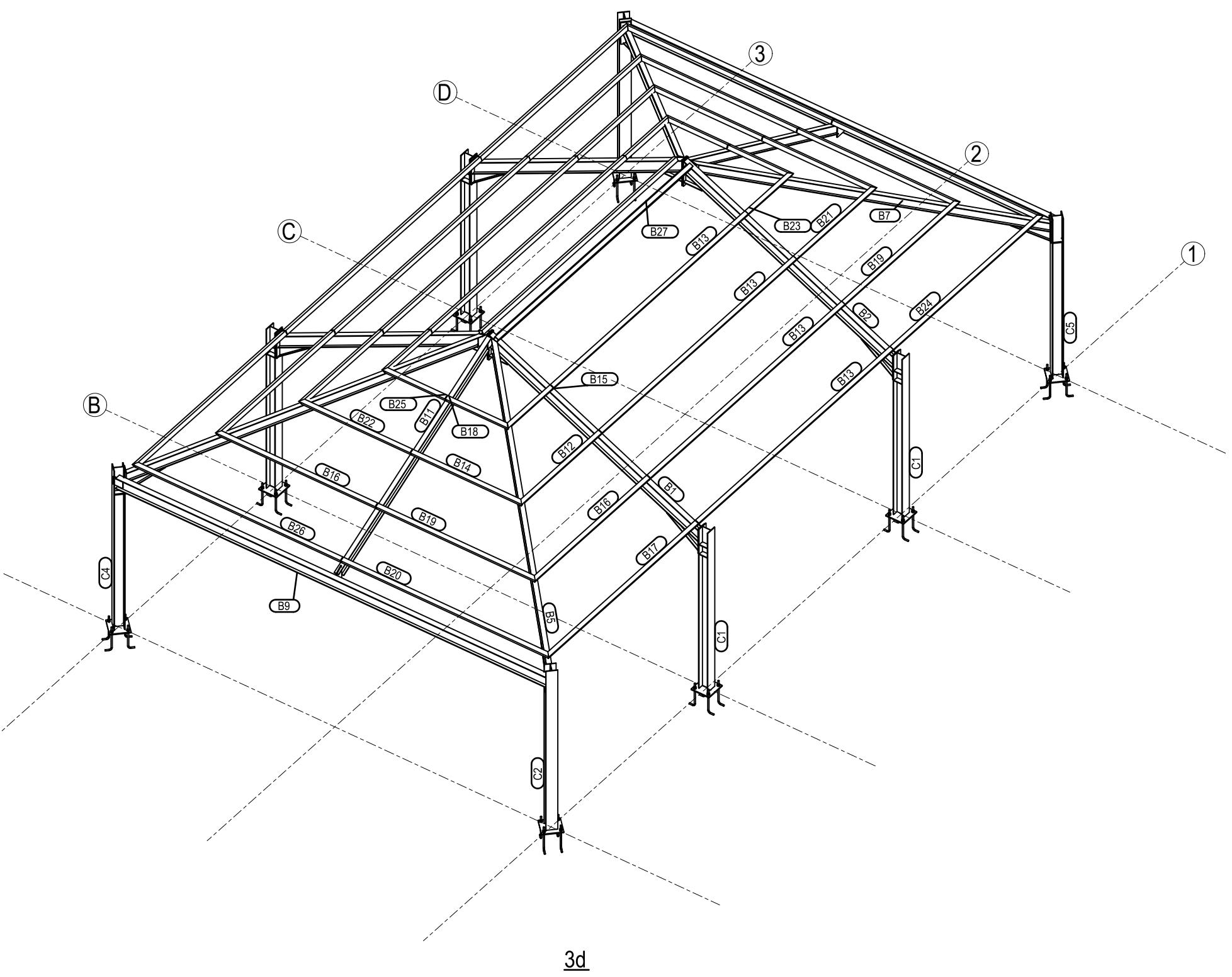


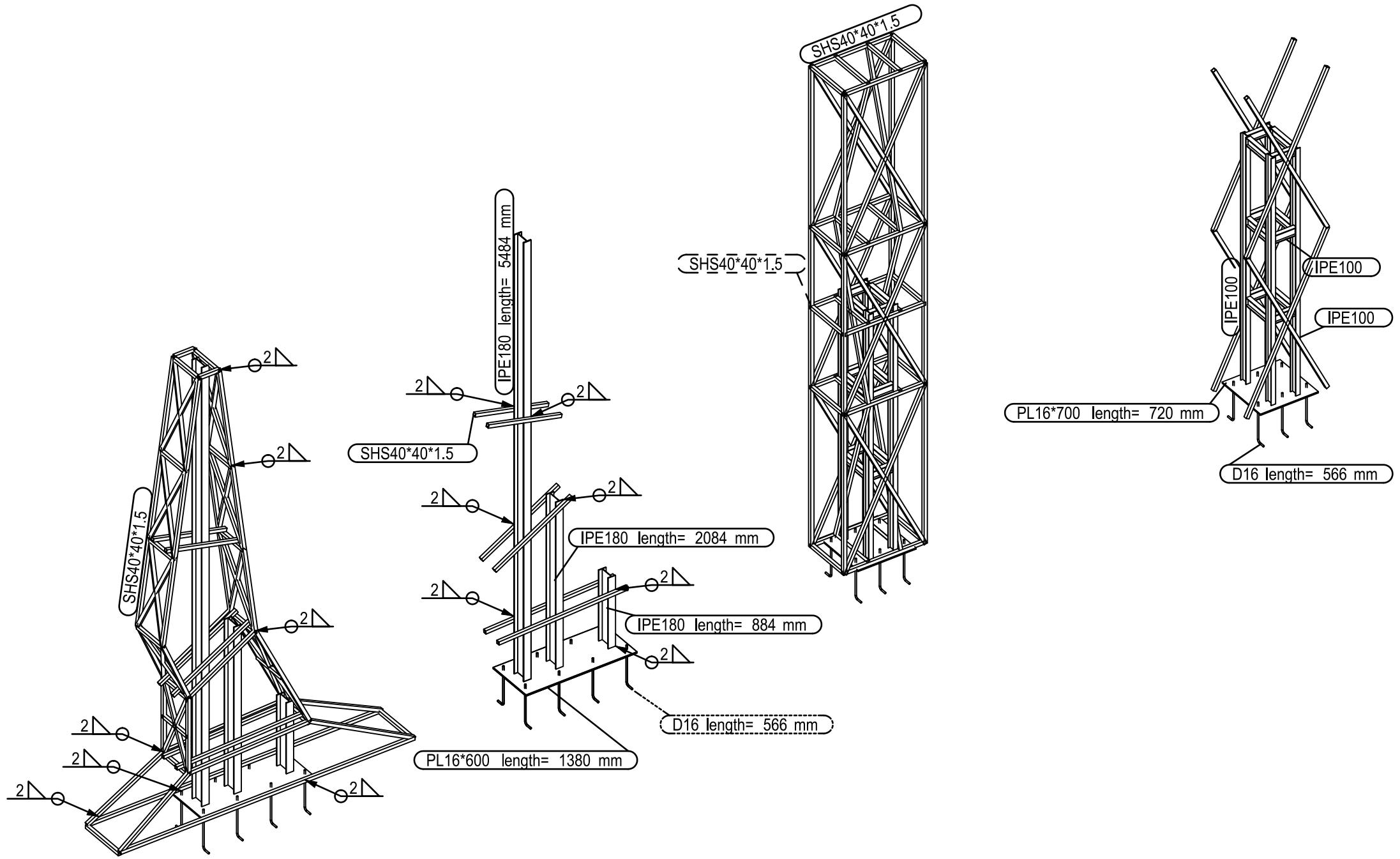


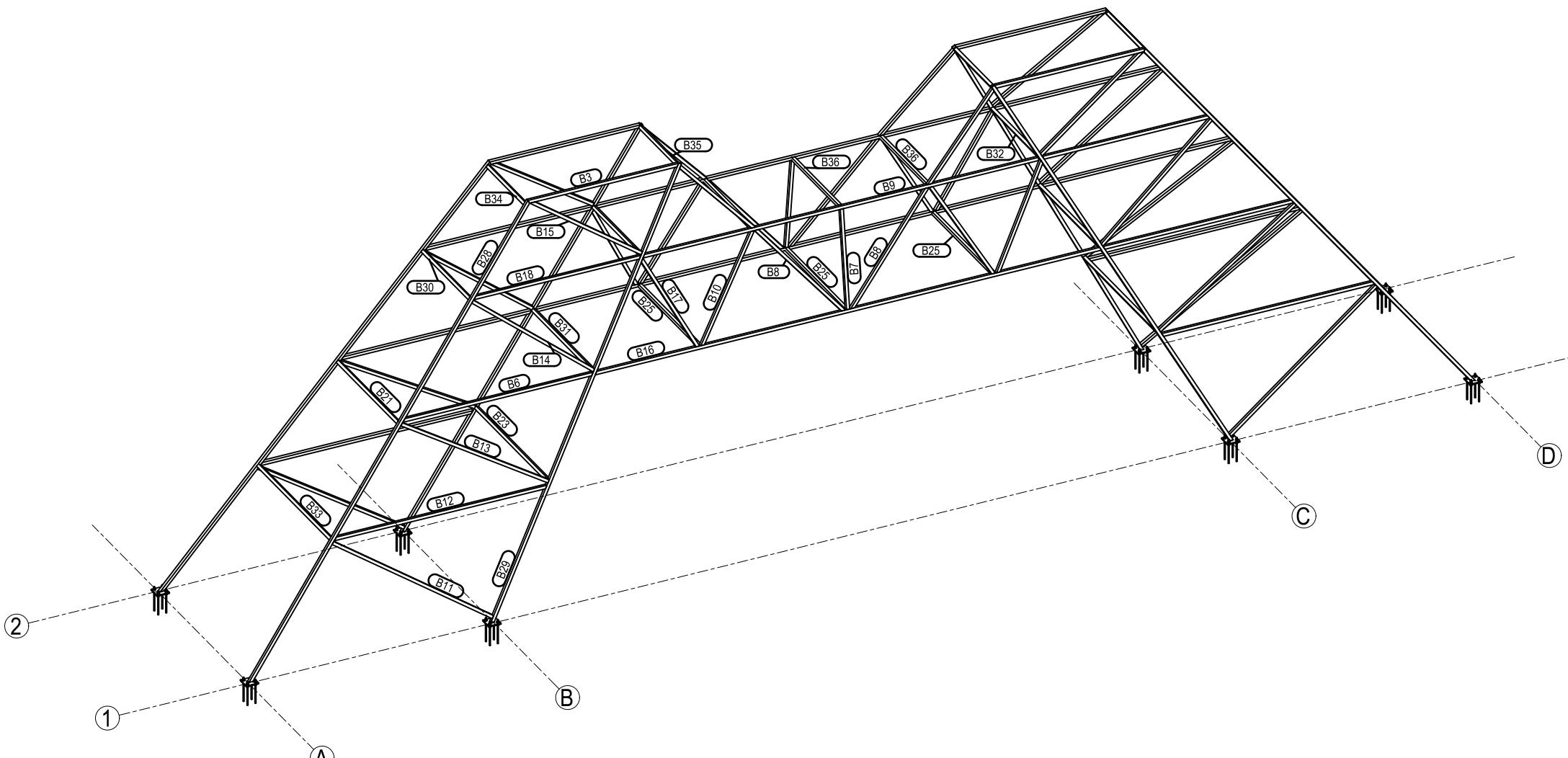




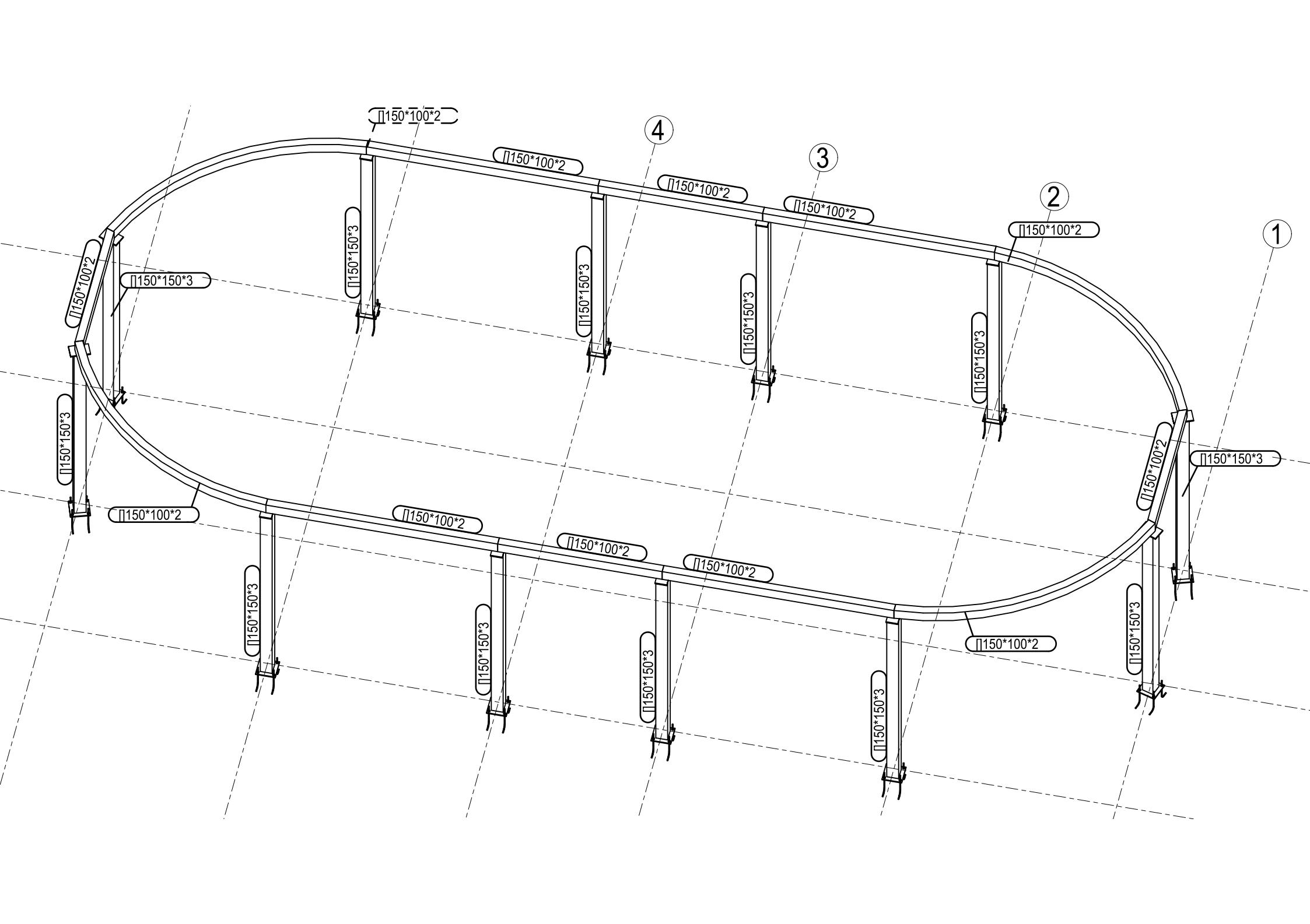


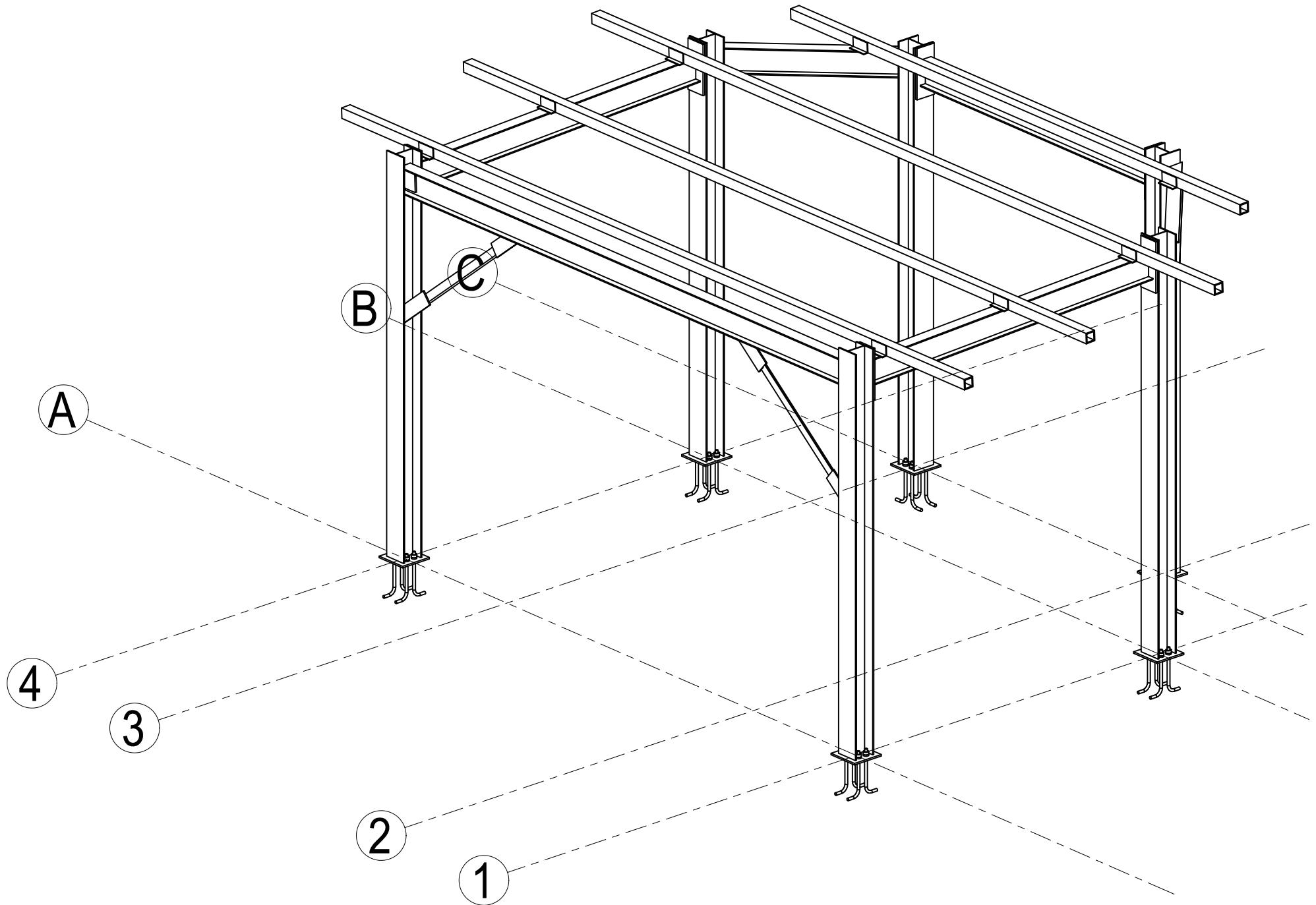




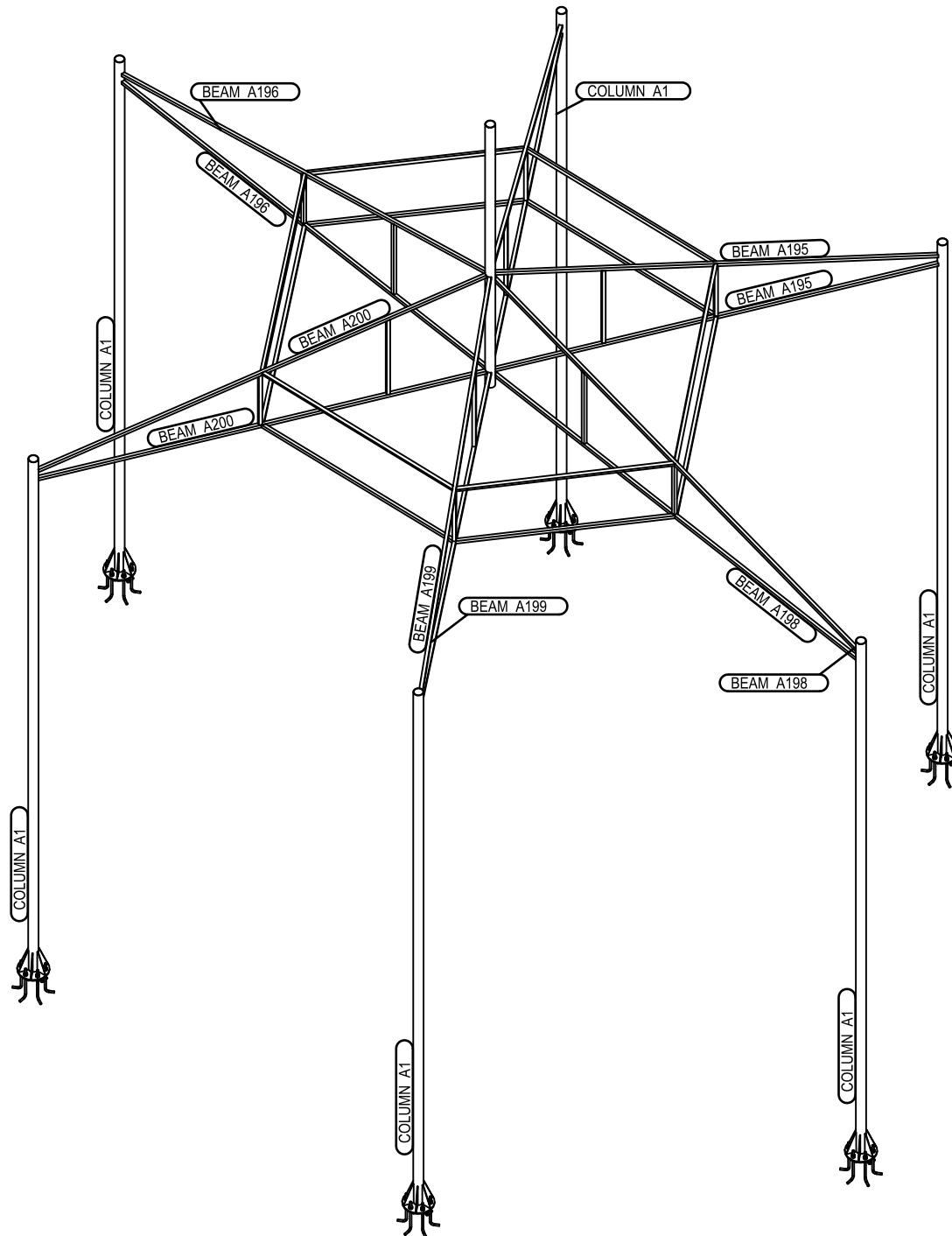


3d



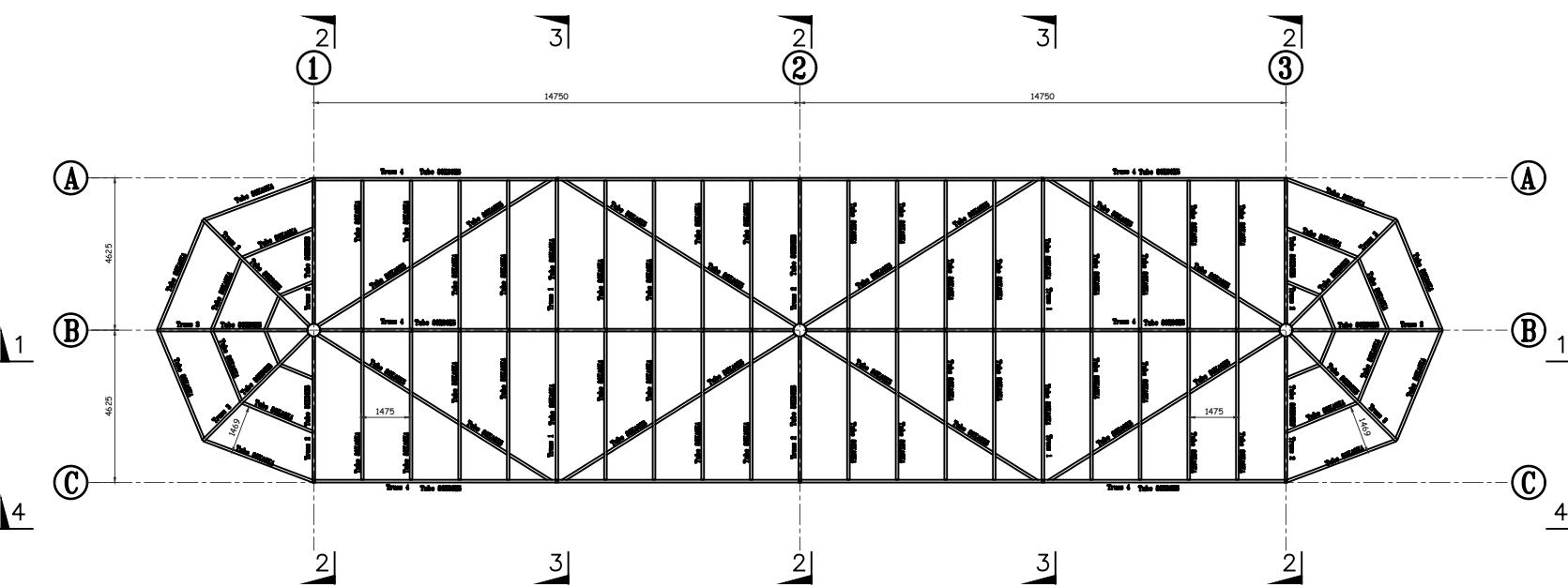
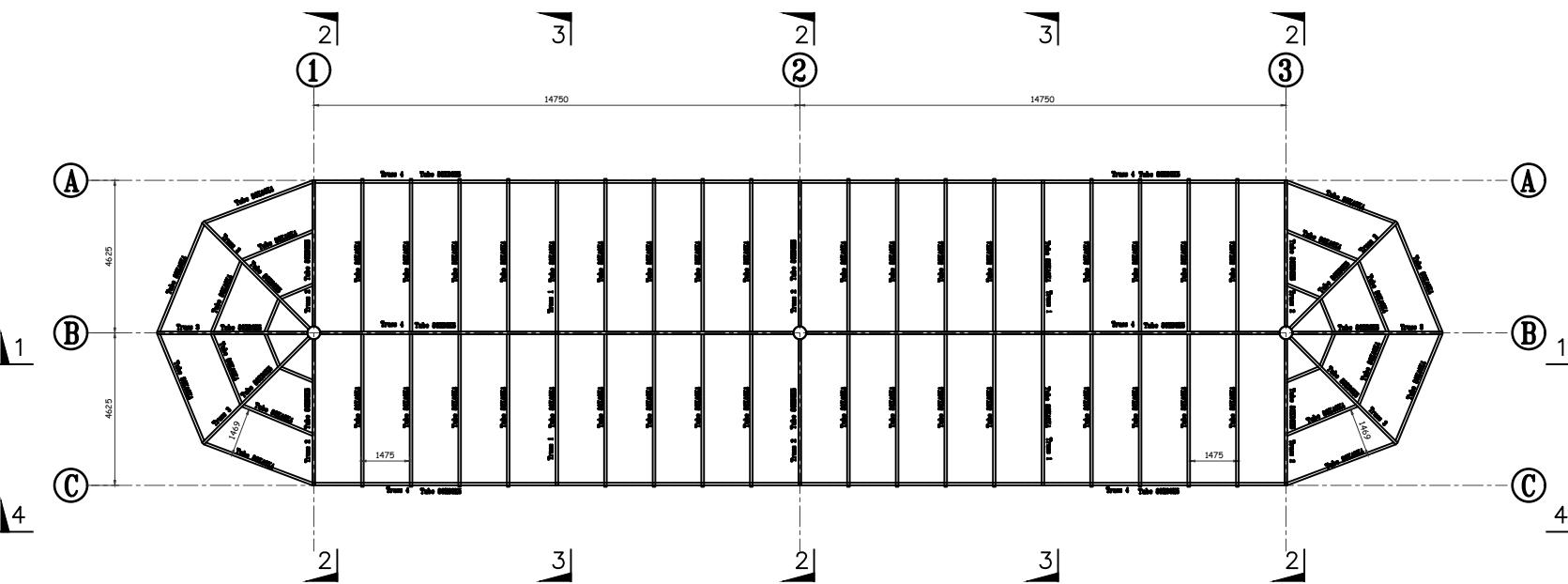


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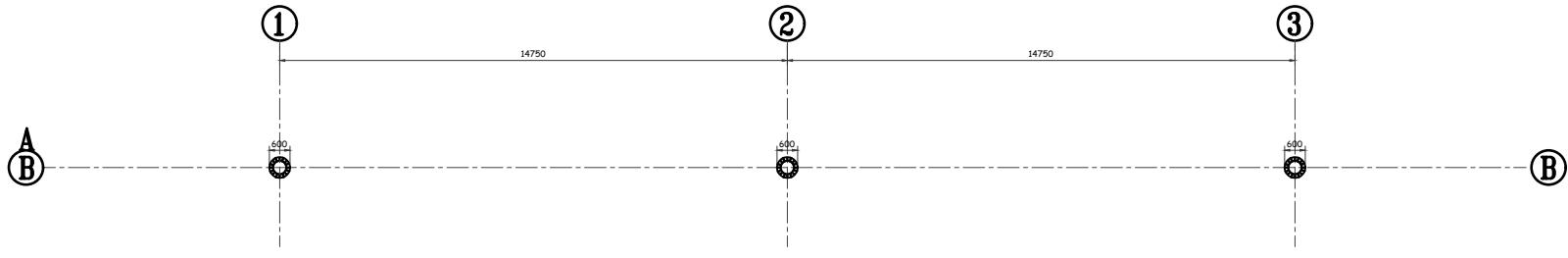


NOTES:

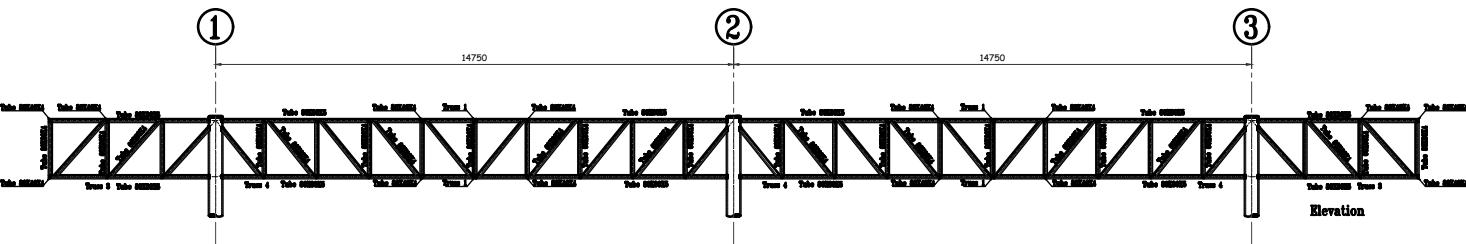
- 1- ALL DIMENSIONS IN MILLIMETERS AND ALL LEVELS IN METERS
- 2- UNLESS OTHERWISE STATED ALL WELD SIZE EQUAL SMALLER THICKNESS OF CONNECTED ELEMENTS
- 3- Mild steel 37 is to be used. Yield stress should not be less than 2800 kg/cm² & steel 52 is to be used. Yield stress should not be less than 3600 kg/cm²
- 4- THE DESIGN IS PERFORMED BASED ON AISC 360-16 CODE
- 5- ALL DRAWINGS SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL&ELECTRO MECHANICAL DRAWINGS.
- 6- CONTRACTOR TO VERIFY FIELD MEASUREMENTS.
- 7- IN CASE OF ANY DISCREPANCIES BETWEEN STRUCTURAL DRAWINGS AND /OR ARCHITECTURAL DRAWINGS AND /OR SITE CONDITIONS AND /OR MECHANICAL DRAWINGS , CONTRACTOR SHALL REFLECT SITE CONDITION AND SUBMIT IT TO THE CONSULTANT FOR APPROVAL.
- 8- Welding class is "good weld". Minimum weld thickness of fillet welds is the greater of 4 mm or Minimum Plate thickness to be welded in the joint unless specified in the drawings
- 9- Minimum weld thickness of butt welds=the smaller thickness of the plates to be joined & Minimum weld length = 50 mm



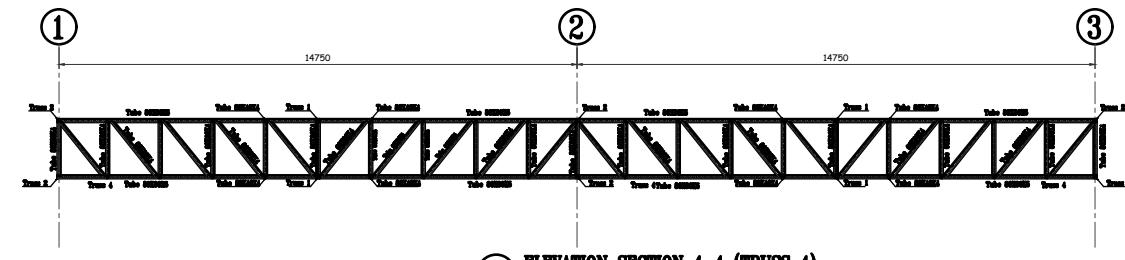
PLAN @ BOTTOM LEVEL 6.20m



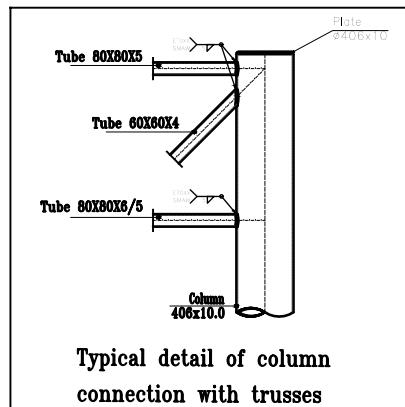
Foundation Plan



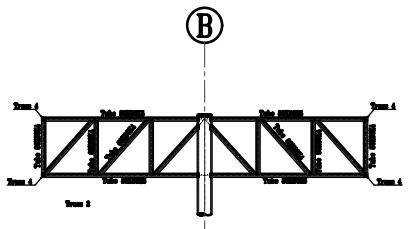
ELEVATION SECTION 1-1 (TRUSS 3, 4)



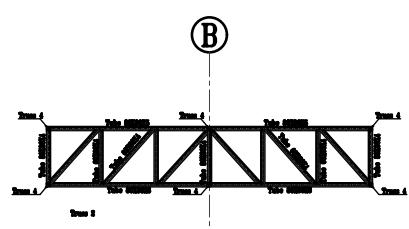
ELEVATION SECTION 4-4 (TRUSS 4)



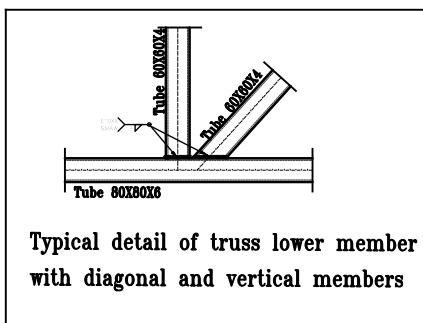
Typical detail of column connection with trusses



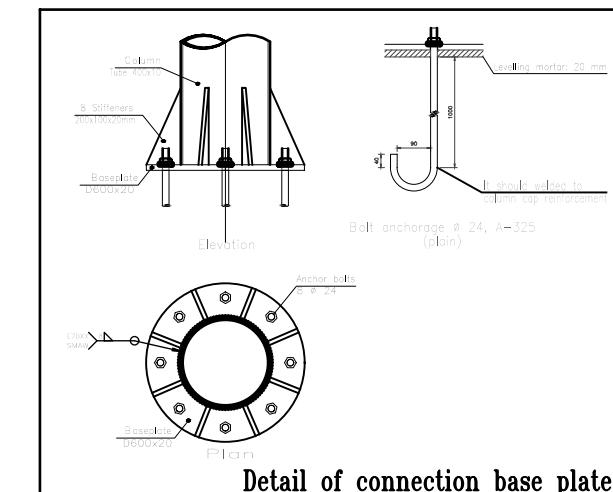
ELEVATION SECTION 2-2 (TRUSS 2)



ELEVATION SECTION 3-3 (TRUSS 1)



Typical detail of truss lower member with diagonal and vertical members



Detail of connection base plate

NOTES:

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- 2- UNLESS OTHERWISE STATED ALL WELD SIZE EQUAL SMALLER THICKNESS OF CONNECTED ELEMENTS
- 3- Mild steel 37 is to be used. Yield stress should not be less than 2800 kg/cm² & steel 52 is to be used. Yield stress should not be less than 3600 kg/cm²
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- 9- Minimum weld thickness of butt welds=the smaller thickness of the plates to be joined & Minimum weld length = 50 mm