

BUILDING A4

DIMENSION:30x60x16ft

◁ 9.144X18.288X4.877M ▷

INSTALLATION DRAWING

DESIGN LOAD:

DEAD LOAD ON SANDWICH ROOF:	0.25KN/M2
DEAD LOAD ON SHEET ROOF:	0.15KN/M2
LIVE LOAD ON FRAME:	0.3KN/M2
LIVE LOAD ON PURLIN:	0.5KN/M2
WIND SPEED ANGAINST:	23.3M/S
SNOW LOAD ON ROOF:	0.5KN/M2
GROUND ROUGHNESS:	B
CONSTRUCTION LOAD:	1.0KN/M2
EARTHQUAKE ANGAINST GRADE:	7
STRUCTURAL SAFETY COEFFICIENT:	1

THIS BUILDING MEMEBER SIZE DESIGN BY UK

BUILDING CONFLGURATION:

FRAME:	PORTAL FRAME
ROOF PITCH:	SEE DRAWING
BAY:	SEE DRAWING
COLUMN:	H BEAM
RAFTER:	H BEAM
TIE BEAM:	ROUND PIPE
PURLIN:	C PURLIN
ROOF:	SEE DRAWING
WALL :	SEE DRAWING

BUILDING CONFLGURATION:

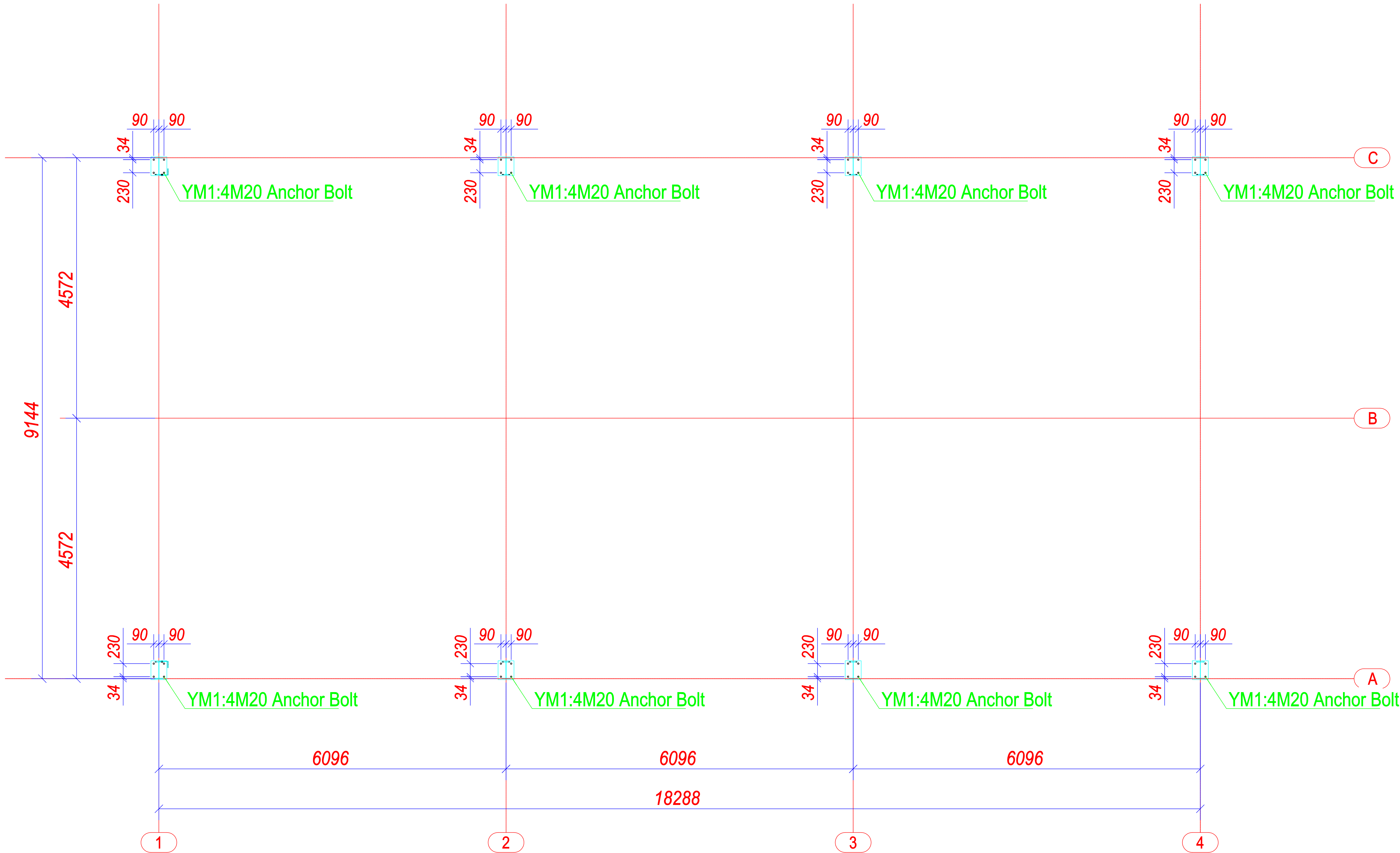
DOOR:	SEE DRAWING
WINDOW:	SEE DRAWING
TRANSLUCENT PANELS:	SEE DRAWING
GUTTER:	SEE DRAWING
WIND FAN:	SEE DRAWING

SURFACE TREATMENT:

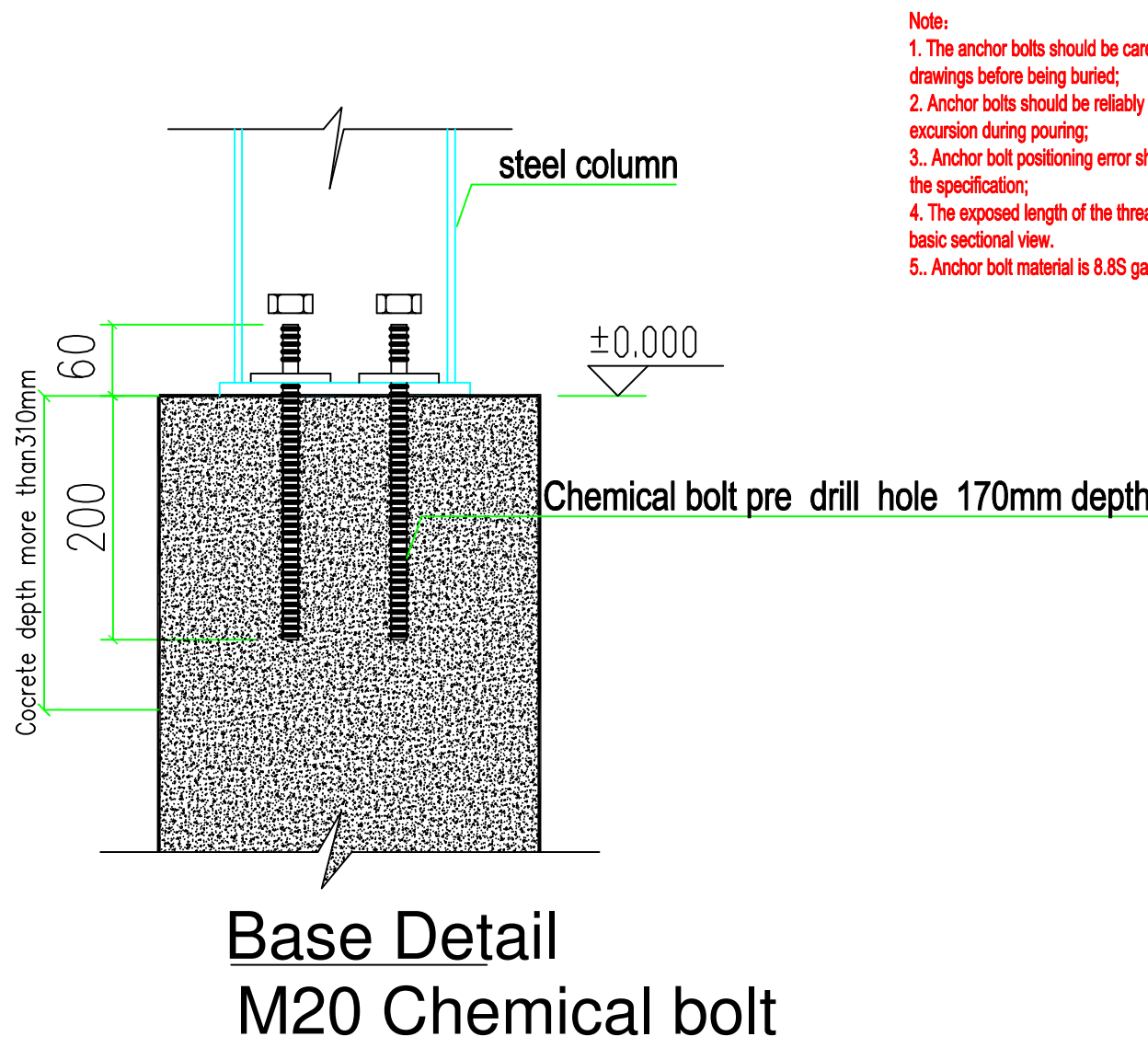
FRAME SURFACE:	HOT DIP GALVANIZE
PURLIN SURFACE:	ZINC COATING

2024. 11. 25

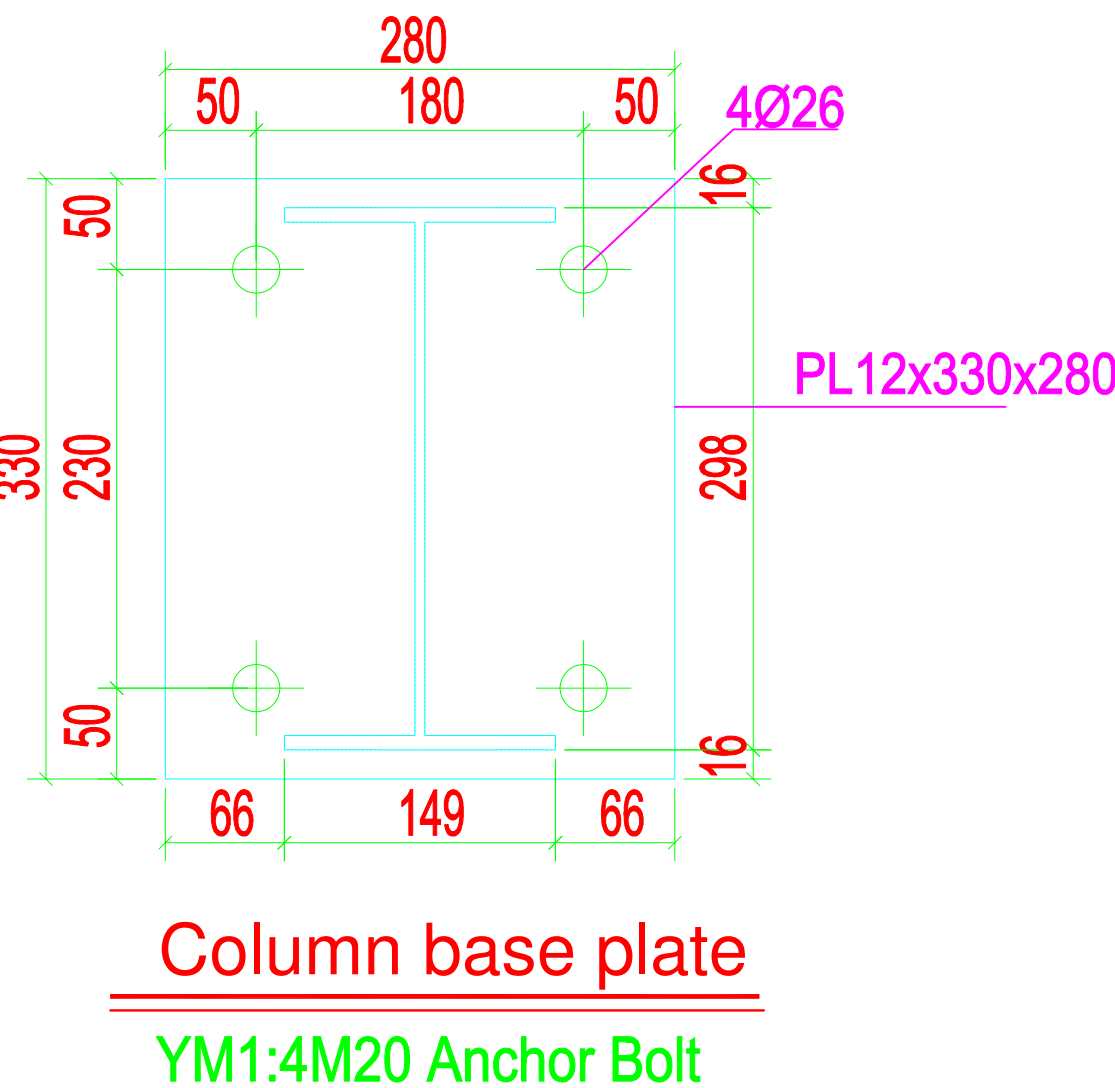
ISSUED TO :



BuidingA4 Anchor bolt layout plan

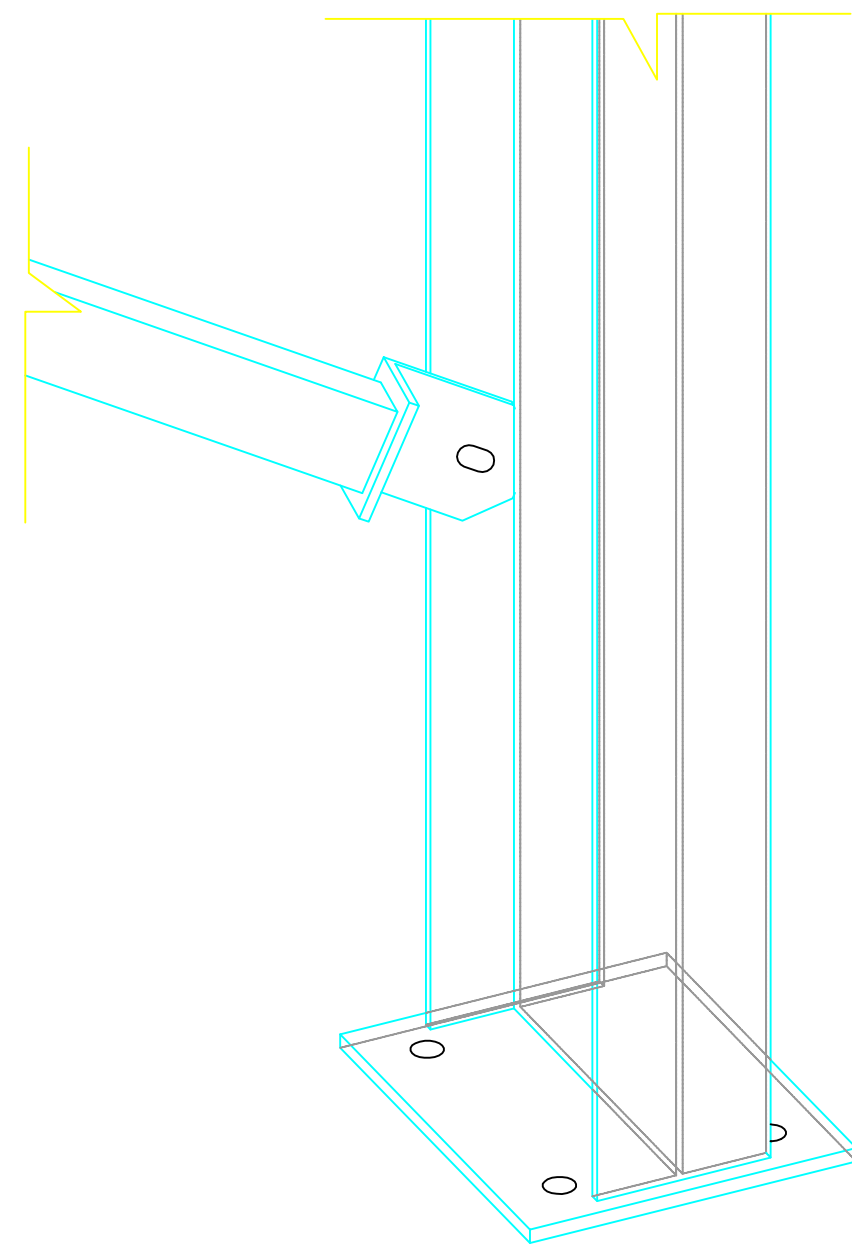
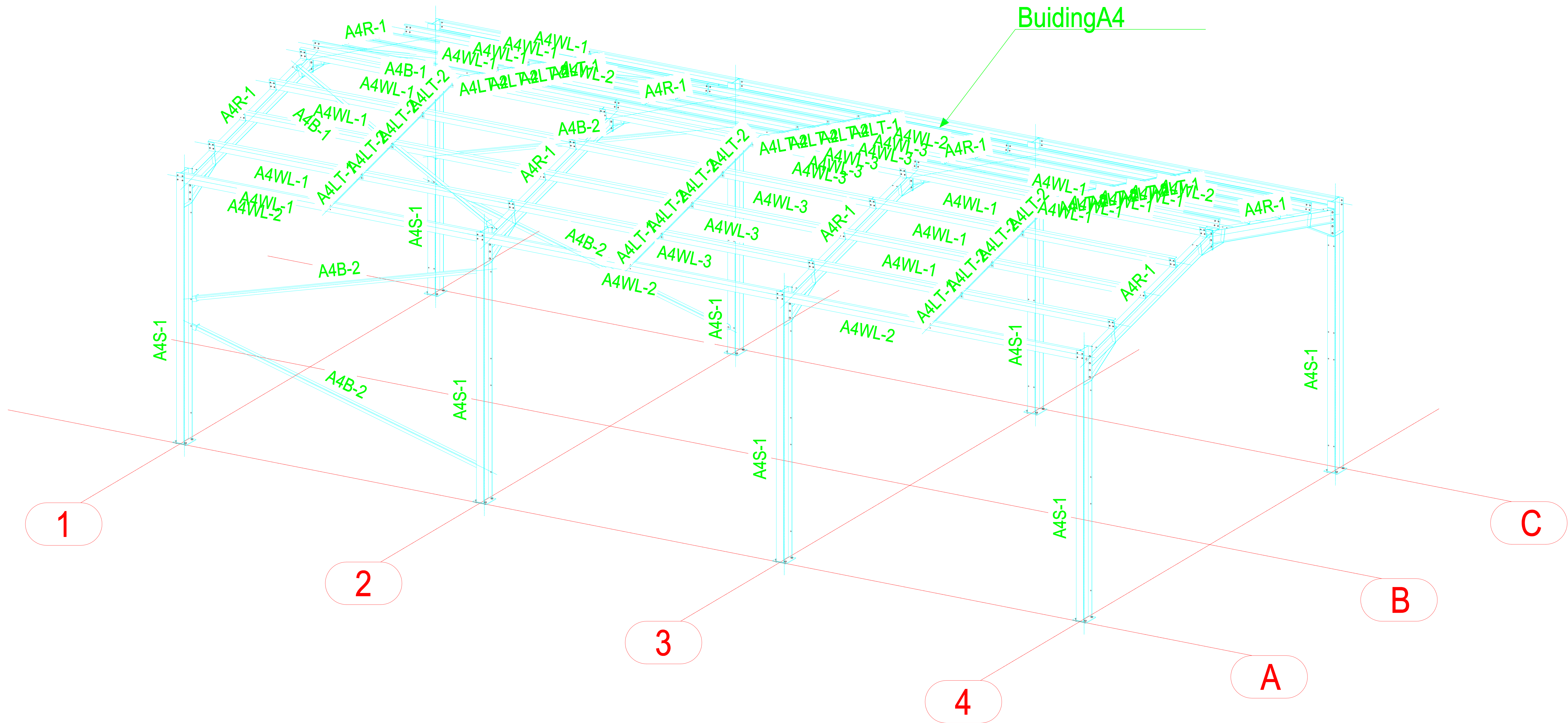


- Notes
- The anchor bolts should be carefully checked with the foundation drawings before being buried.
 - Anchor bolts should be reliably fixed after positioning to avoid expansion during pouring.
 - Anchor bolt positioning error should meet the requirements of the specification.
 - The exposed length of the threaded fastener is as shown in the basic sectional view.
 - Anchor bolt material is B.83 galvanized.
- Chemical Anchor bolt install:
- The foundation concrete being placed.
 - Width of column base plate width + 50mm.
 - Length of column base plate length + 50mm.
 - Depth of anchor bolt total length + 50mm.
 - (For example: M20x200mm bolt, the base depth at least 310mm).
 - The concrete dry at least 48 hours later or according to the National and company's condition.
 2. Drill hole.
 - Hole Diameter: Bolt Dia + 2mm.
 - Hole Depth: + Bolt length + 80mm.
 - Hole location as the layout drawing.
 3. Clean hole.
 - Ensure that there is no floating dust in the hole.
 4. Install the chemical glue pipe.
 5. Screw the chemical bolt into the glue pipe.
 - Screw bolt depth 20mm more than the hole, meanwhile broke the glue pipe let glue flow in the hole.
 - Exposed some length thread out of the Cement floor for fasten column. (Expose length refer basic detail).
 6. Install column more than 24 hours later.



PROJECT	UK FARM BUILDING	DRAWING NAME	Building A4	DATE	2024.11.25
				SACLE	1:150
				DWG NO.	1
				DESIGN	
SIZE	30x60x16ft	NOTES	IF IN DOUBTS, PLEASE ASK. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.	CHECK	
USE	Agriculture building			ORDER NO.	
PROJECT NO.	STL-UKS				

ISSUED TO :

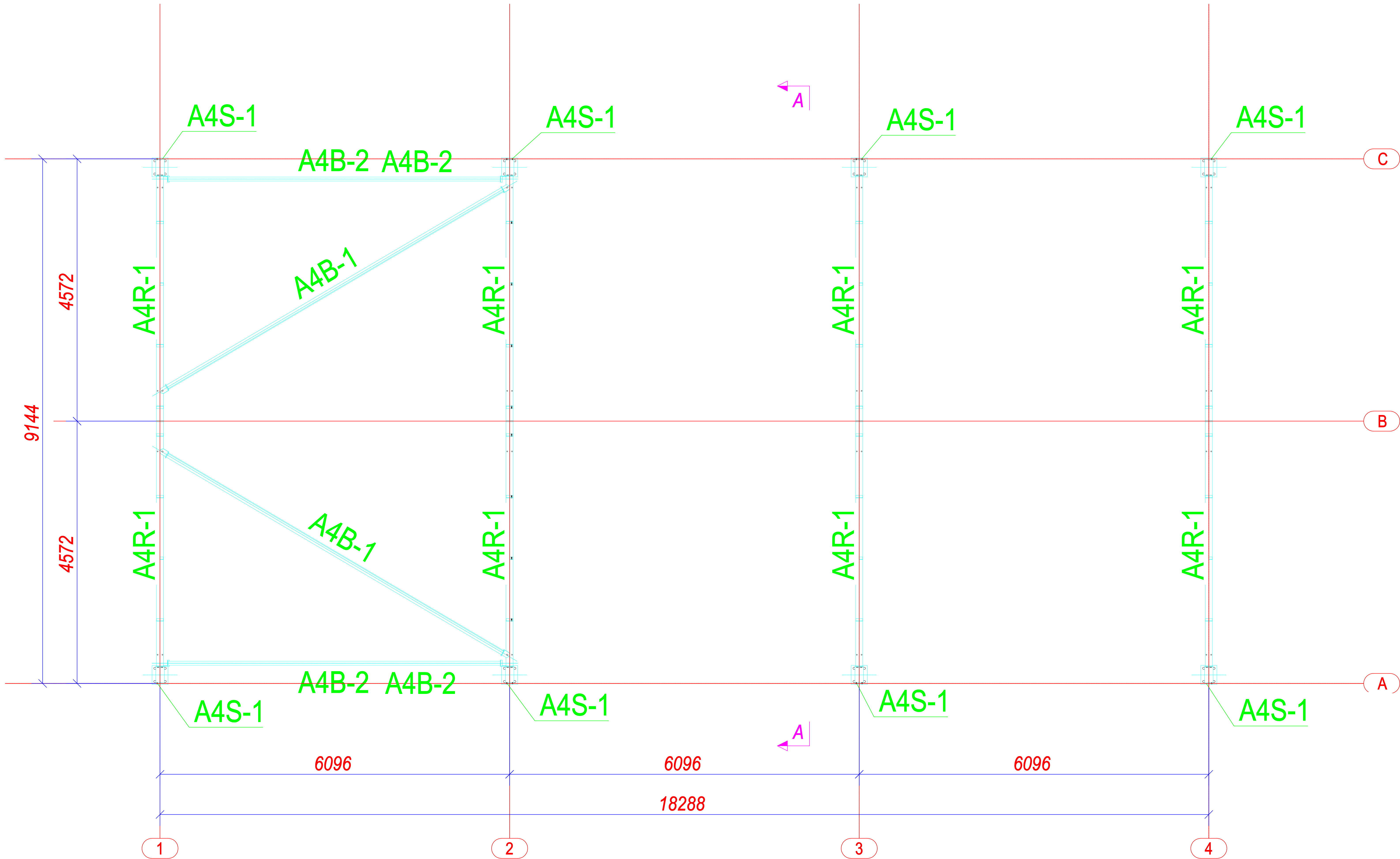


Wind brace joint detail

3D

PROJECT	UK FARM BUILDING			DATE	2024.11.25
				SACLE	1:150
				DWG NO.	2
SIZE	30x60x16ft	DRAWING NAME	Building A4	DESIGN	
USE	Agriculture building			CHECK	
PROJECT NO.	STL-UKS			ORDER NO.	
		NOTES		IF IN DOUBTS,PLEASE ASK. ALL DIMENSIONS ARE IN MM,UNLESS OTHERWISE SPECIFIED.	

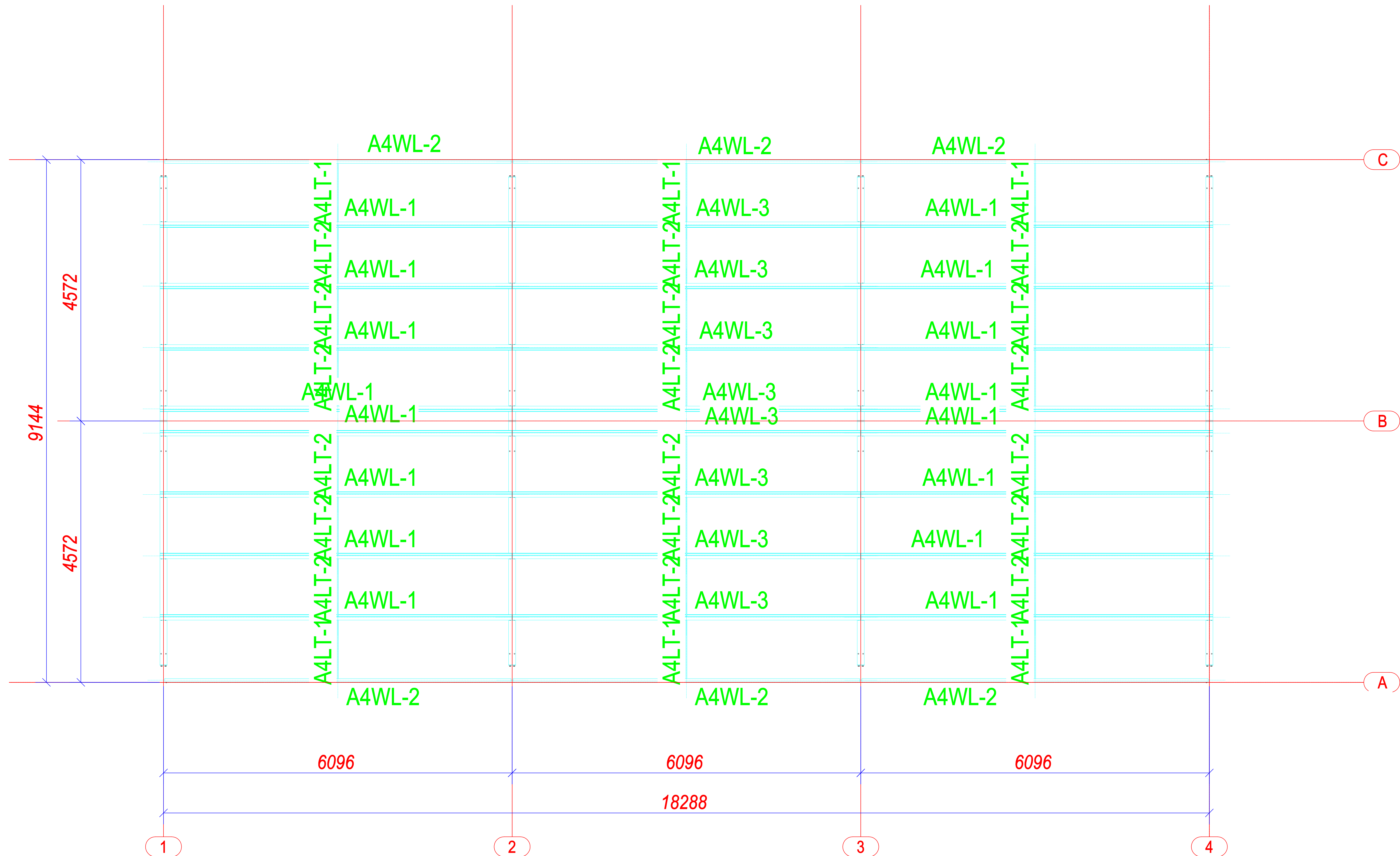
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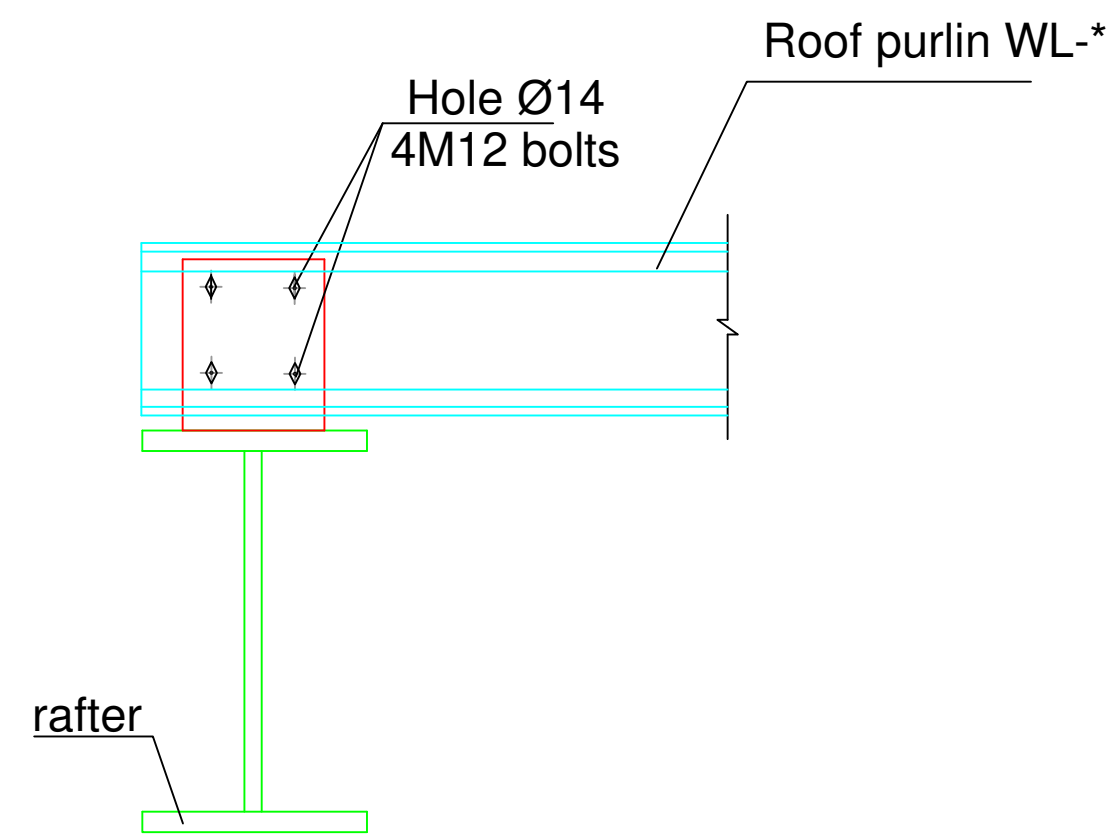
PLAN +4.877

PROJECT	UK FARM BUILDING	DRAWING NAME	Building A4	DATE	2024.11.25
				SACLE	1:150
				DWG NO.	3
SIZE	30x60x16ft	NOTES	IF IN DOUBTS, PLEASE ASK. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.	DESIGN	
USE	Agriculture building			CHECK	
PROJECT NO.	STL-UKS			ORDER NO.	21200001000

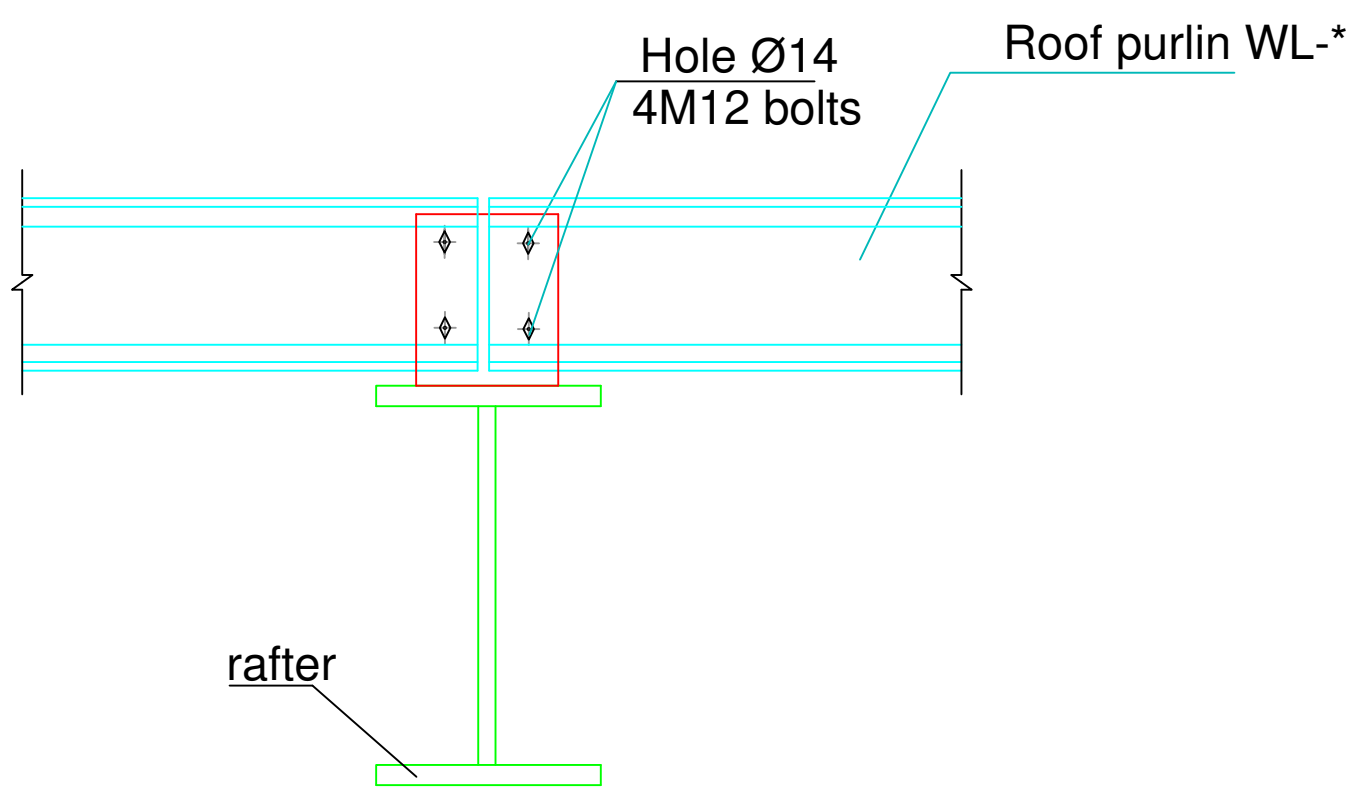
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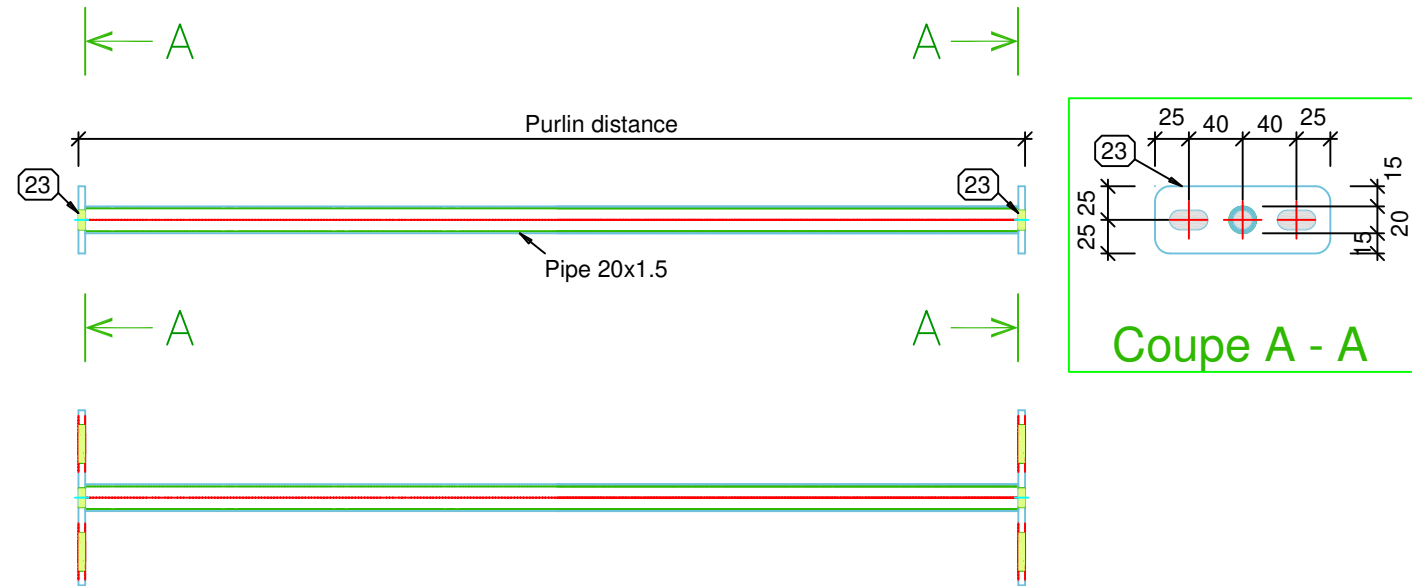
Roof purlin layout plan



Roof purlin gable wall top joint detail



Roof purlin overlap detail



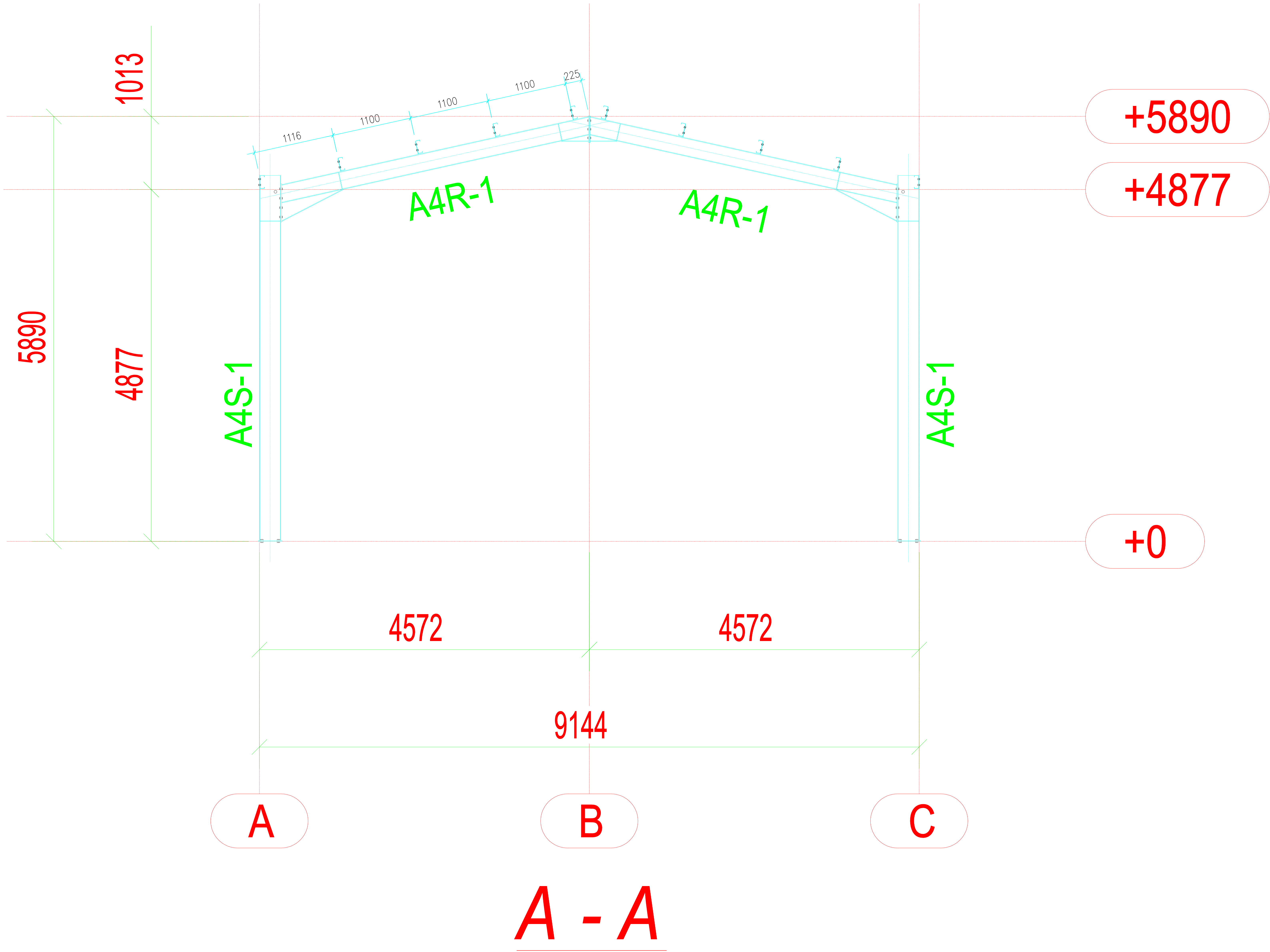
sag rod

PROJECT	UK FARM BUILDING	DATE	2024.11.25
SIZE	30x60x16ft	SACLE	1:150
USE	Agriculture building	DWG NO.	4
PROJECT NO.	STL-UKS	DESIGN	3
		CHECK	
		ORDER NO.	

Building A4

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ISSUED TO :



PROJECT	UK FARM BUILDING	DRAWING NAME	DATE	2024.11.25
SIZE	30x60x16ft		SACLE	1:150
USE	Agriculture building		DWG NO.	5
PROJECT NO.	STL-UKS		DESIGN	
		NOTES	IF IN DOUBTS,PLEASE ASK. ALL DIMENSIONS ARE IN MM,UNLESS OTHERWISE SPECIFIED.	CHECK
		ORDER NO.		