

BUILDING A1

DIMENSION:20x60x12ft

◁ 6.096X18.288X3.658M ▷

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:

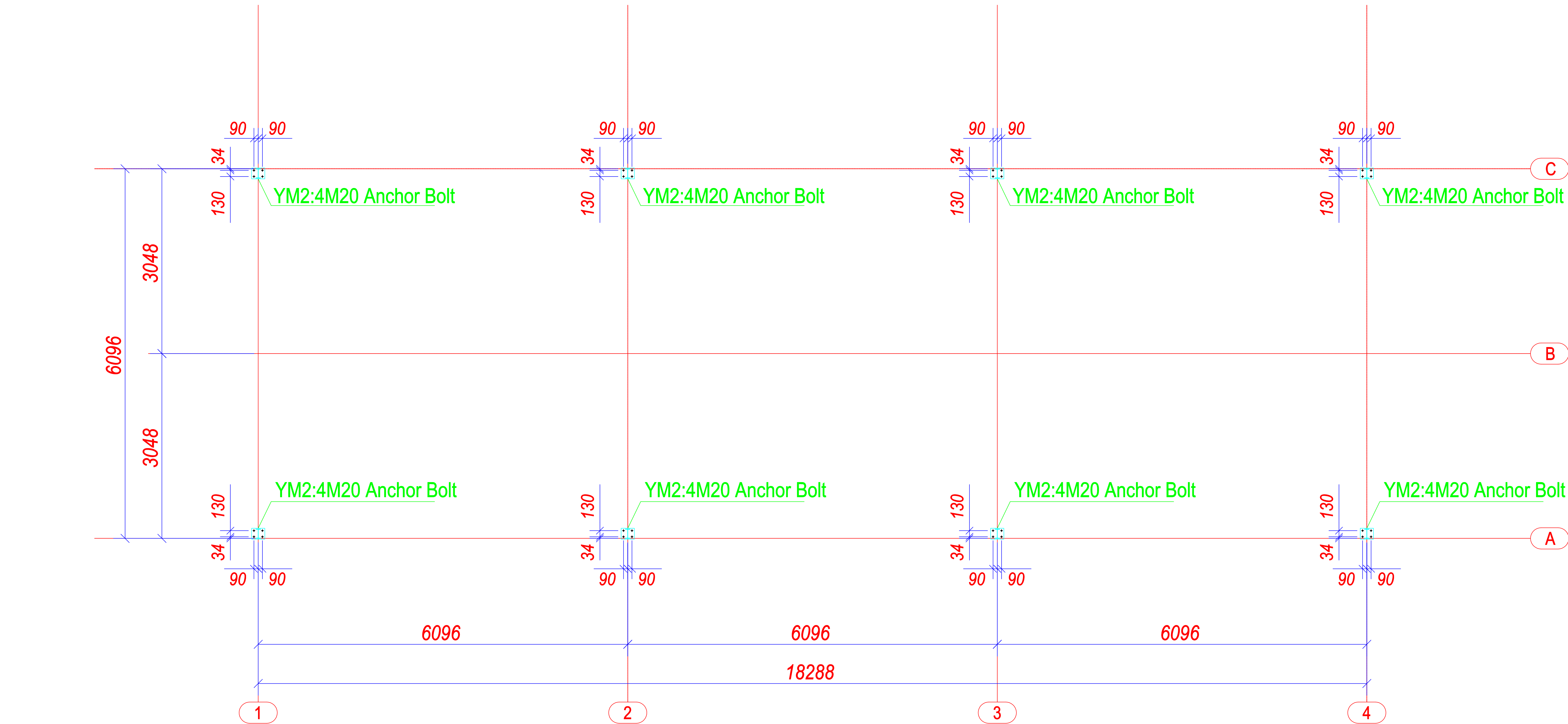
DOOR:	SEE DRAWING
WINDOW:	SEE DRAWING
TRANSLUCENT PANELS:	SEE DRAWING
GUTTER:	SEE DRAWING
WIND FAN:	SEE DRAWING

SURFACE TREATMENT:

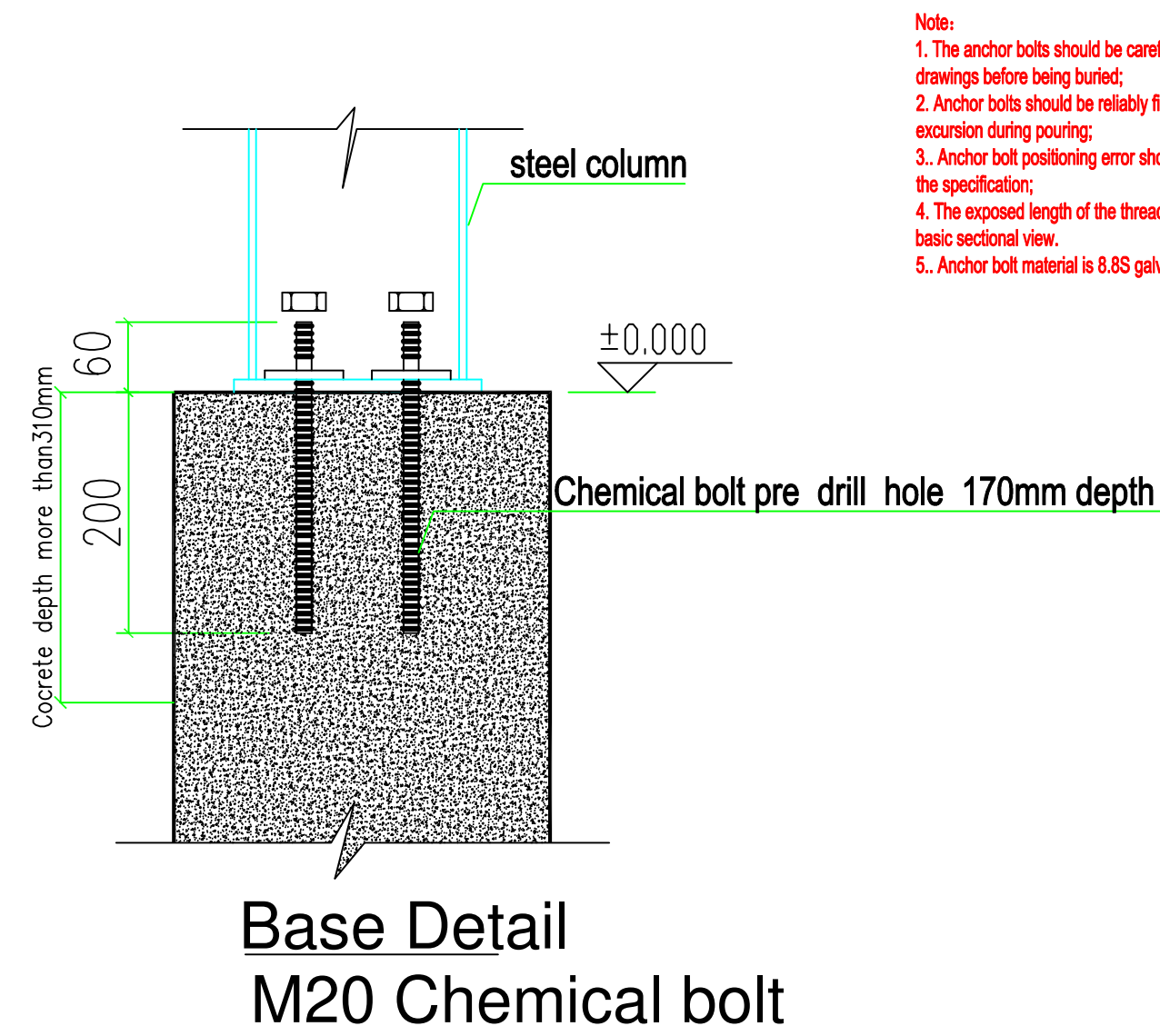
FRAME SURFACE:	HOT DIP GALVANIZE
PURLIN SURFACE:	ZINC COATING

2024. 11. 25

ISSUED TO :

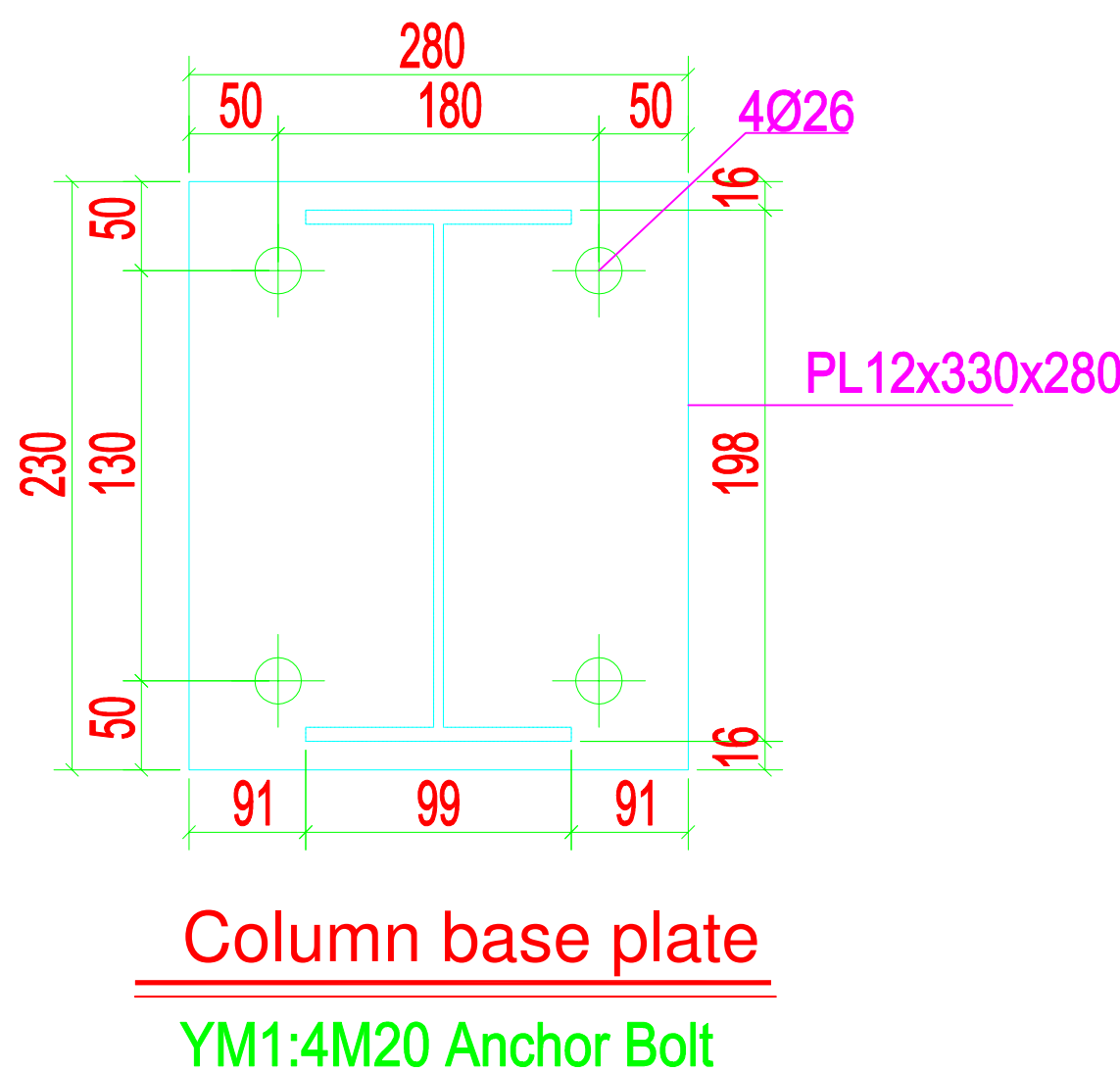


BuildigA1 Anchor bolt layout plan



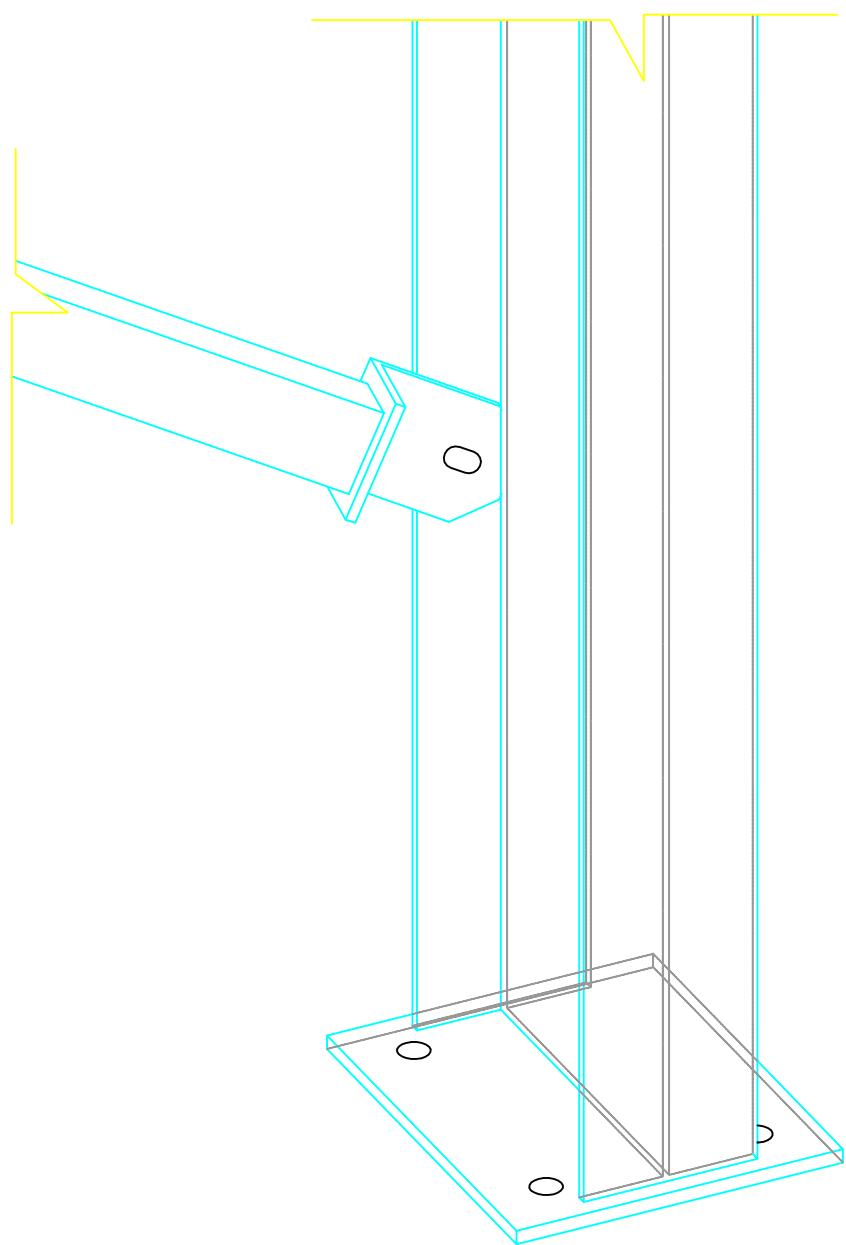
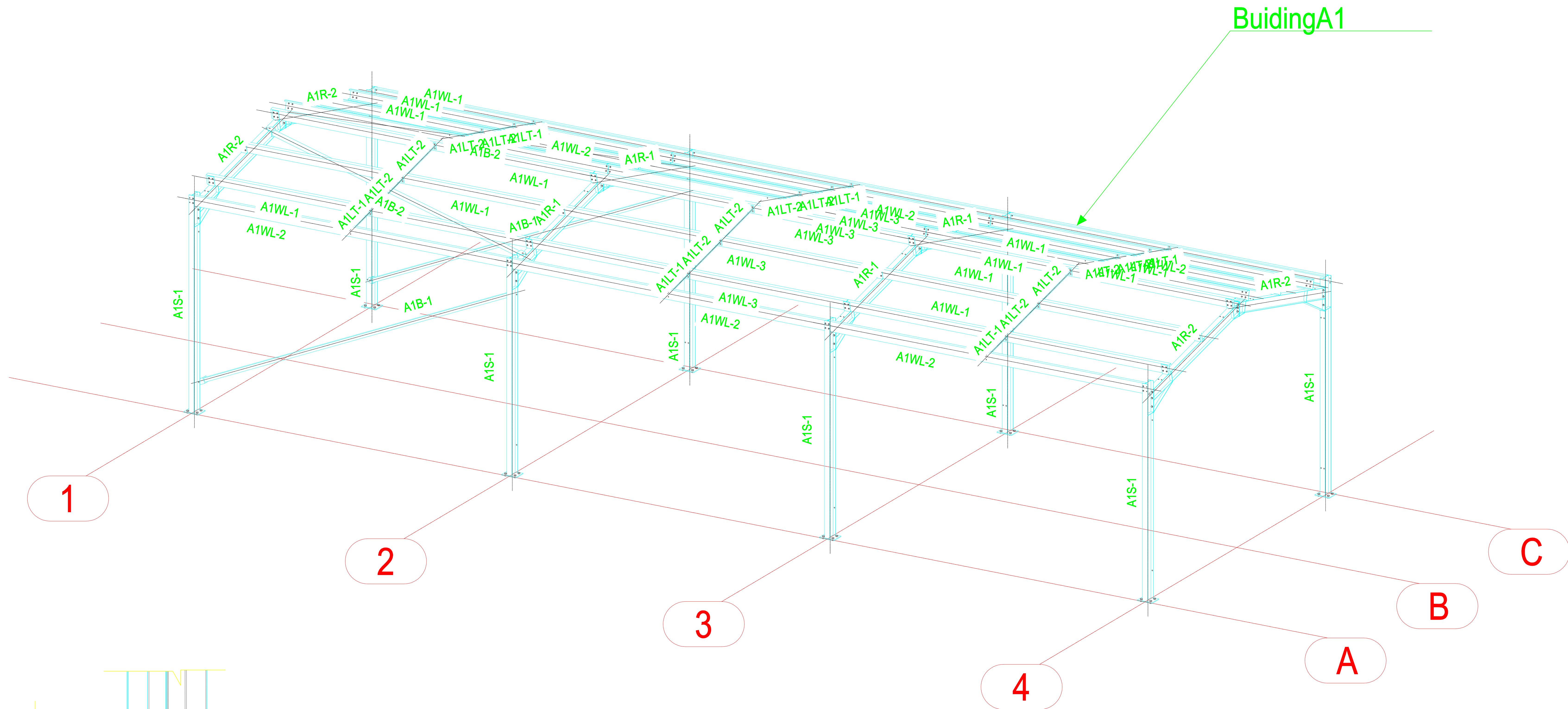
Note:
1. The anchor bolts should be carefully checked with the foundation drawings before being buried.
2. Anchor bolts should be reliably fixed after positioning to avoid excursion during pouring.
3. Anchor bolt positioning error should meet the requirements of the specifications.
4. The exposed length of the threaded fastener is as shown in the basic section view.
5. Anchor bolt material is Q355 galvanized

Chemical Anchor bolt install:
1. The foundation concrete base size:
Width=column base plate width+50mm
Length=column base plate length+50mm
Depth=Anchor bolt total length+50mm
(For example: M20x200MM bolt, the base depth is at least 310mm)
The concrete dry at least 48 hours later or according the Natural and concrete condition
2. Drill hole
Hole Diameter= Bolt Dia+2mm
Hole Depth = Bolt length+50mm
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 base detail)
6. Install column more than 24 hours later.



PROJECT	UK FARM BUILDING			DATE	2024.11.25	
				SACLE	1:150	
				DWG NO.	1	
SIZE	20x60x12ft	DRAWING NAME	Building A1	DESIGN		
USE	Agriculture building			CHECK		
PROJECT NO.	STL-UKS	NOTES		IF IN DOUBTS,PLEASE ASK. ALL DIMENSIONS ARE IN MM,UNLESS OTHERWISE SPECIFIED.		ORDER NO.

ISSUED TO :

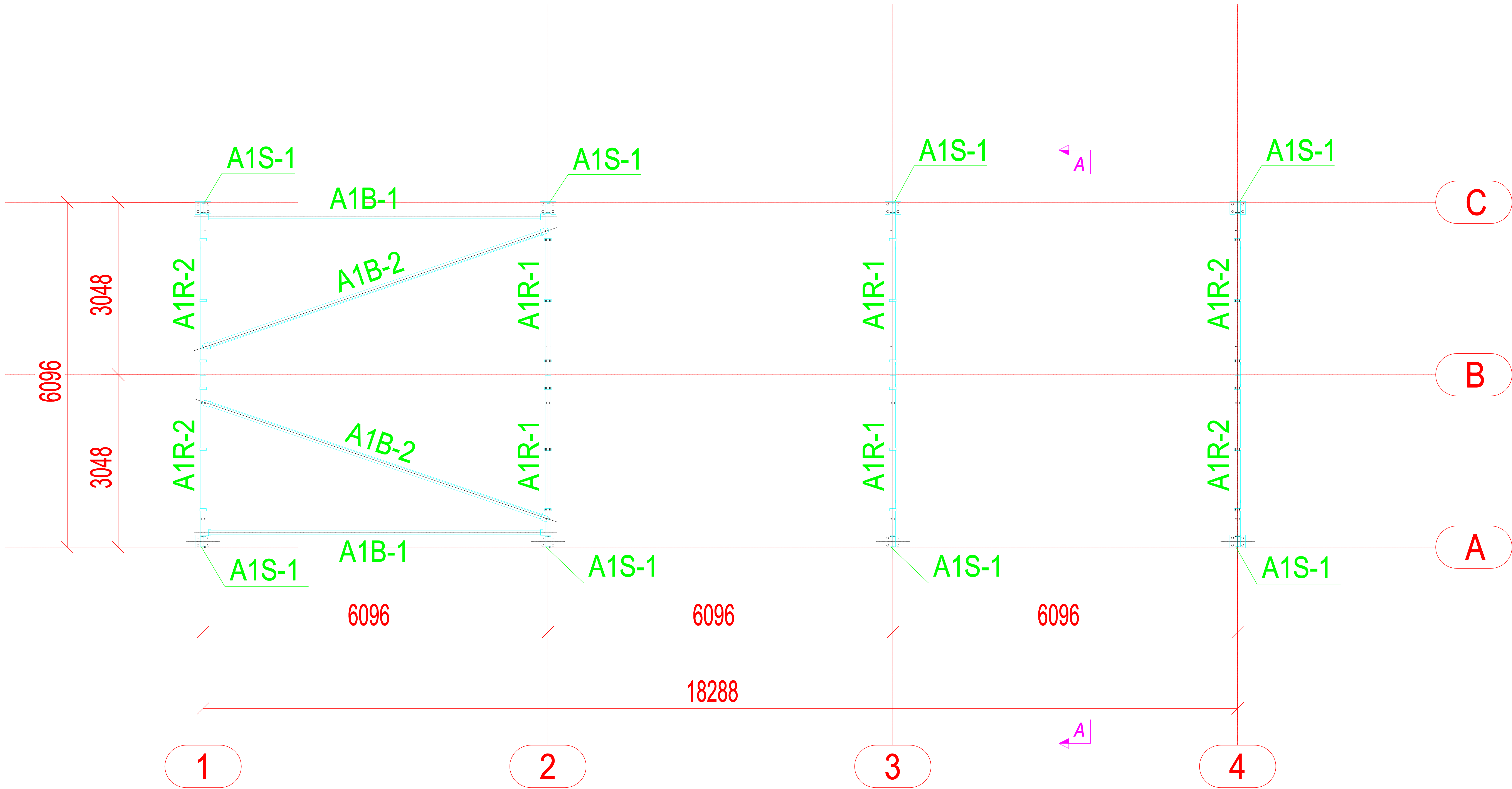


Wind brace joint detail

3D

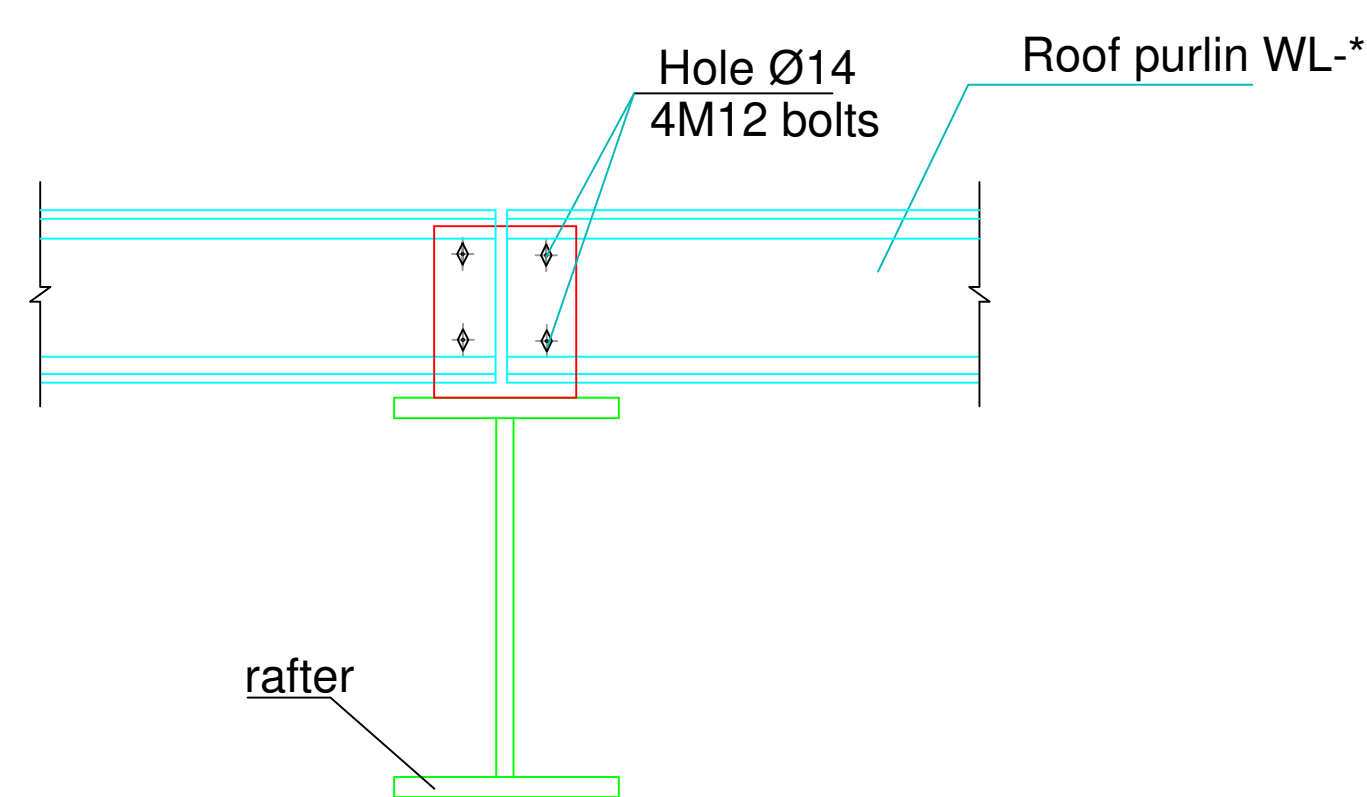
PROJECT	UK FARM BUILDING	DRAWING NAME Building A1		DATE	2024.11.25
SIZE	20x60x12ft			SACLE	1:150
USE	Agriculture building	NOTES IF IN DOUBTS, PLEASE ASK. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.	ORDER NO.	DWG NO.	2
PROJECT NO.	STL-UKS			DESIGN	
				CHECK	

ISSUED TO :



PLAN +3.658

PROJECT	UK FARM BUILDING	DRAWING NAME	Building A1	DATE	2024.11.25
SIZE	20x60x12ft			SACLE	1:150
USE	Agriculture building			DWG NO.	3
PROJECT NO.	STL-UKS			DESIGN	
		NOTES	IF IN DOUBTS, PLEASE ASK. ALL DIMENSIONS ARE IN MM, UNLESS OTHERWISE SPECIFIED.	CHECK	
				ORDER NO.	

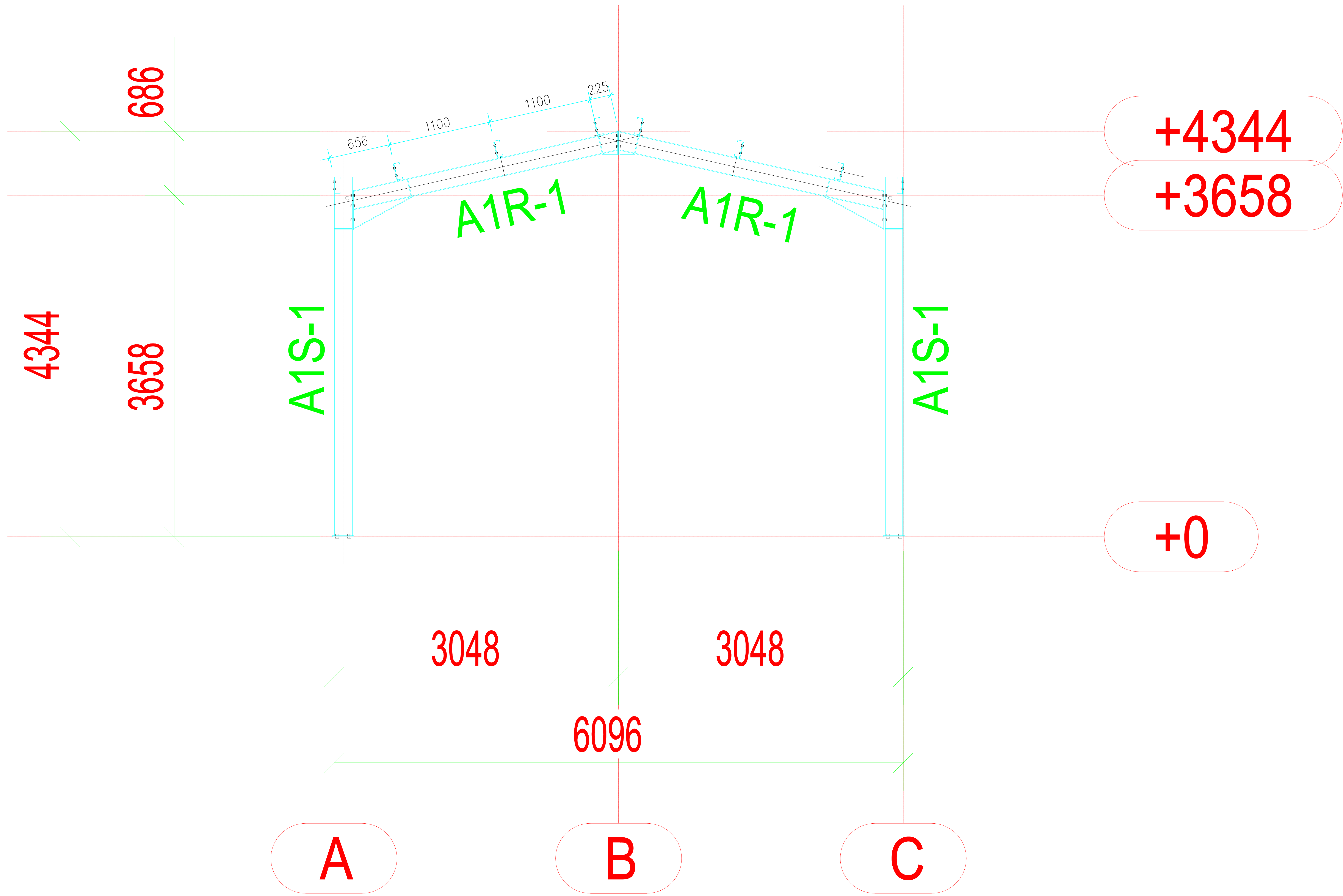


Roof purlin overlap detail



PROJECT	UK FARM BUILDING			DATE	2024.11.25
				SACLE	1:150
				DWG NO.	4
SIZE	20x60x12ft	DRAWING NAME	Building A1	DESIGN	
USE	Agriculture building			CHECK	
PROJECT NO.	STL-UKS	NOTES	IF IN DOUBTS,PLEASE ASK. ALL DIMENSIONS ARE IN MM,UNLESS OTHERWISE SPECIFIED.	ORDER NO.	

ISSUED TO :



PROJECT	UK FARM BUILDING	DRAWING NAME	Building A1	DATE	2024.11.25
SIZE	20x60x12ft			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.	