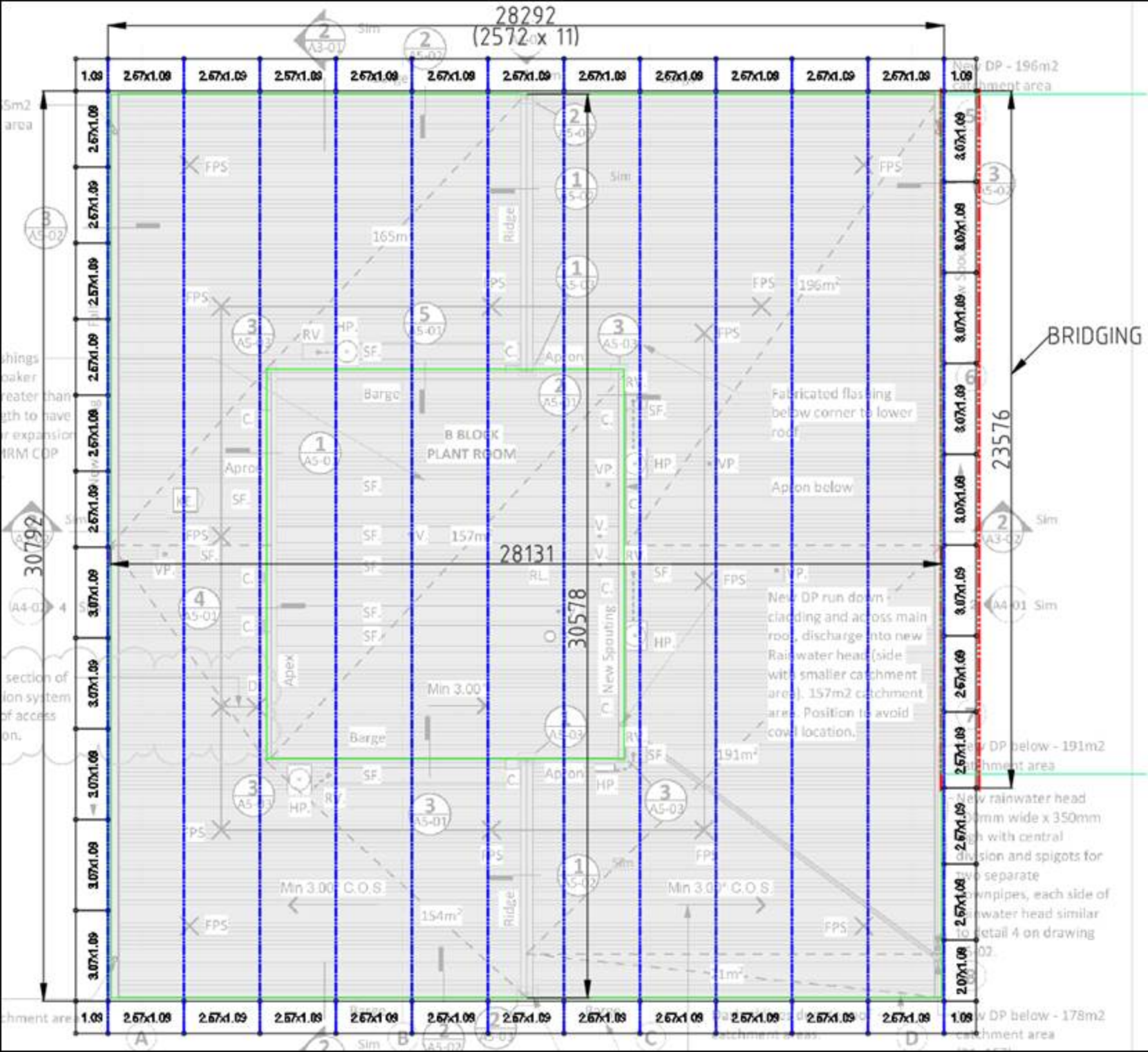
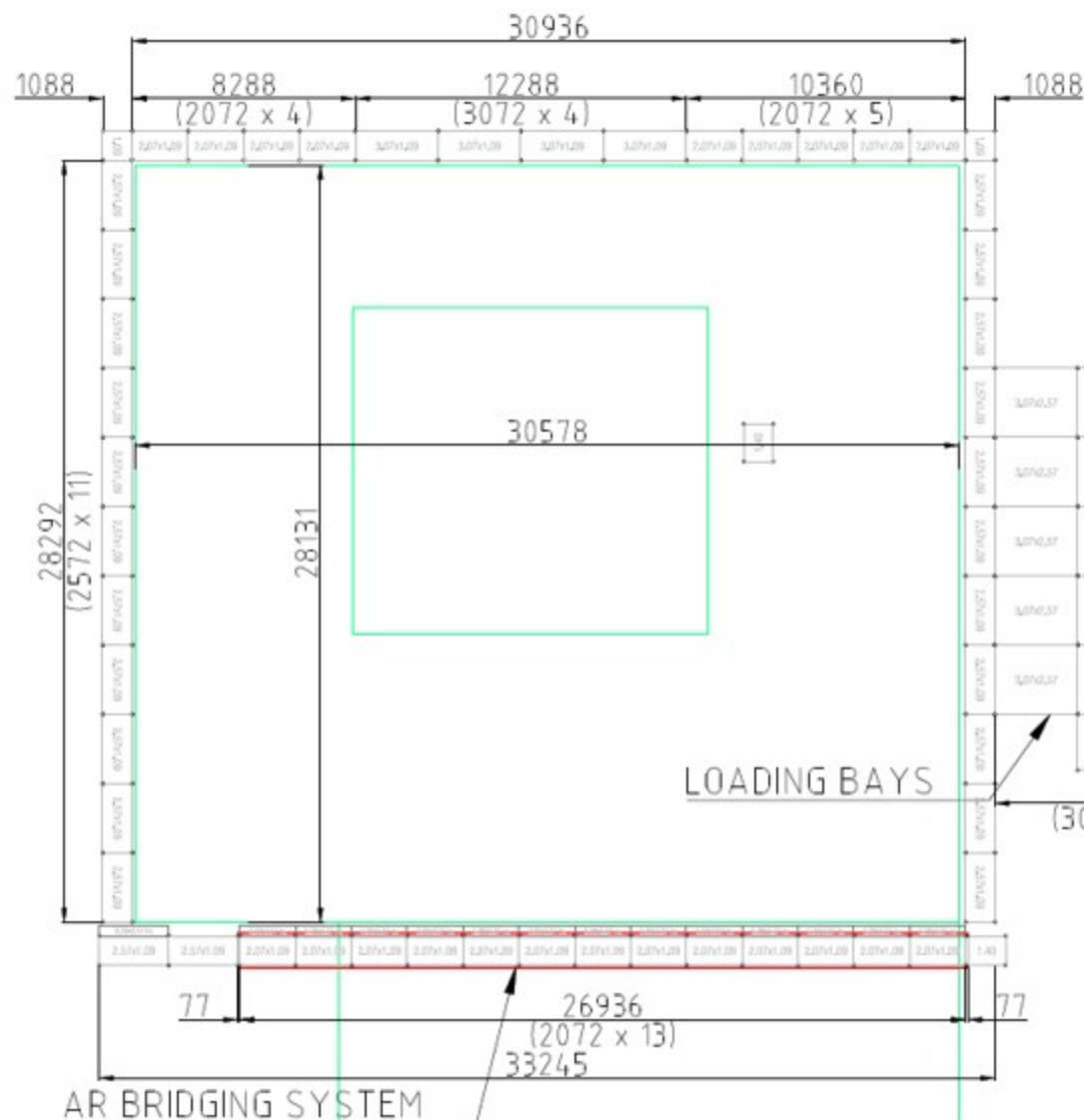
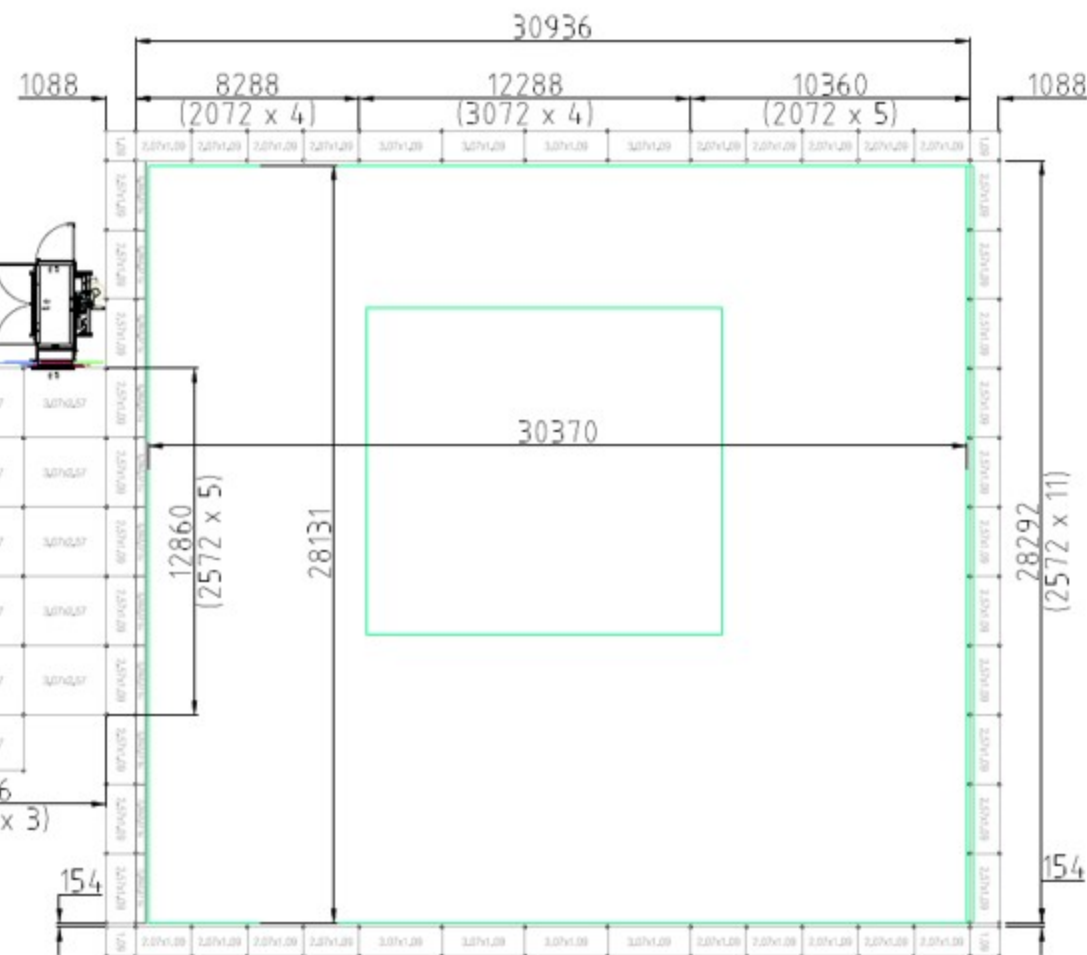


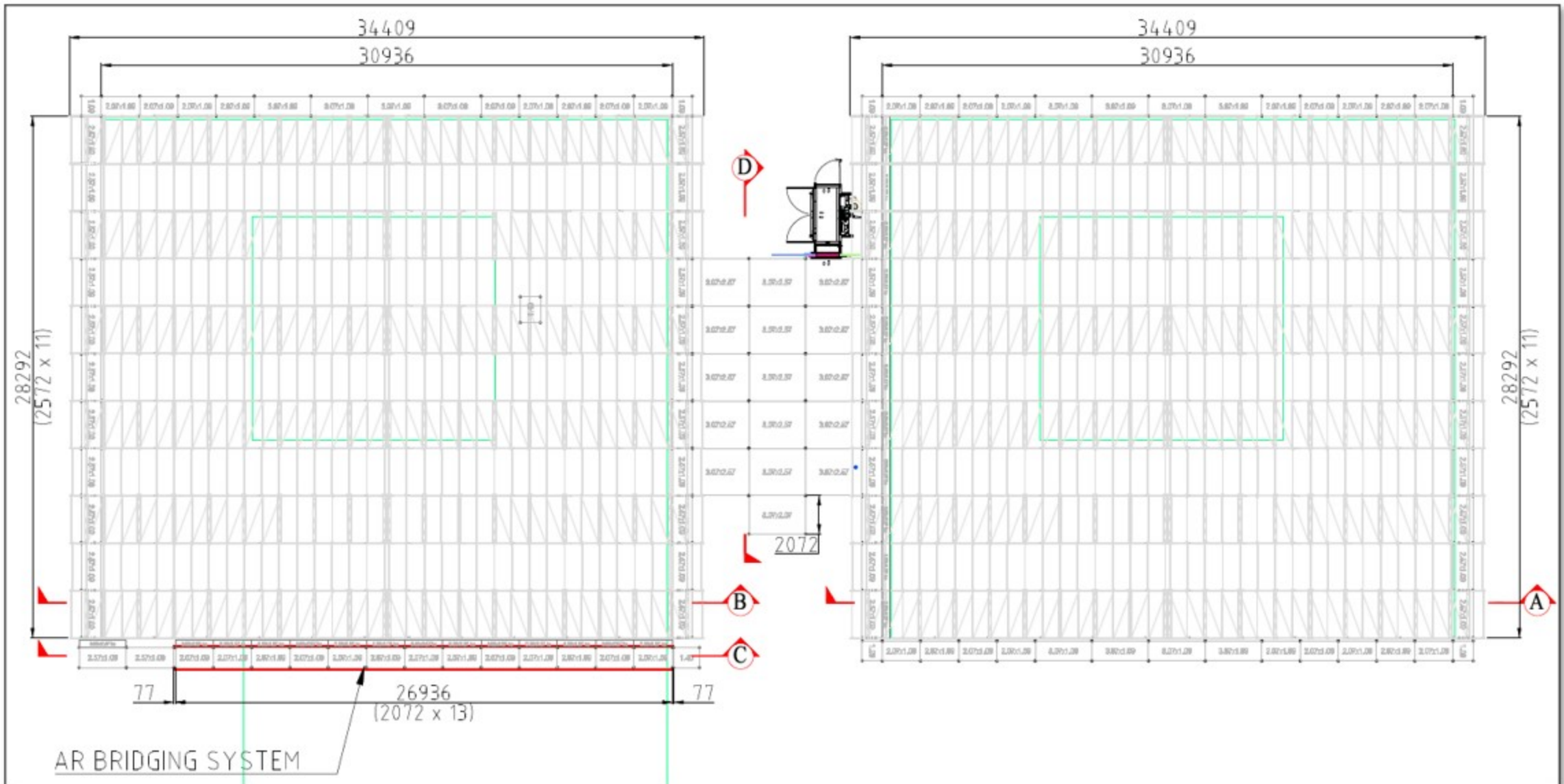


BLOCK B



BLOCK A

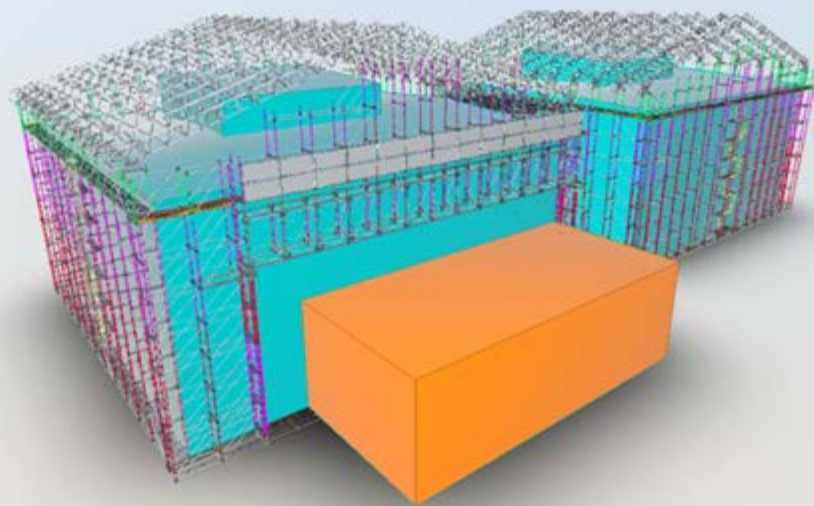


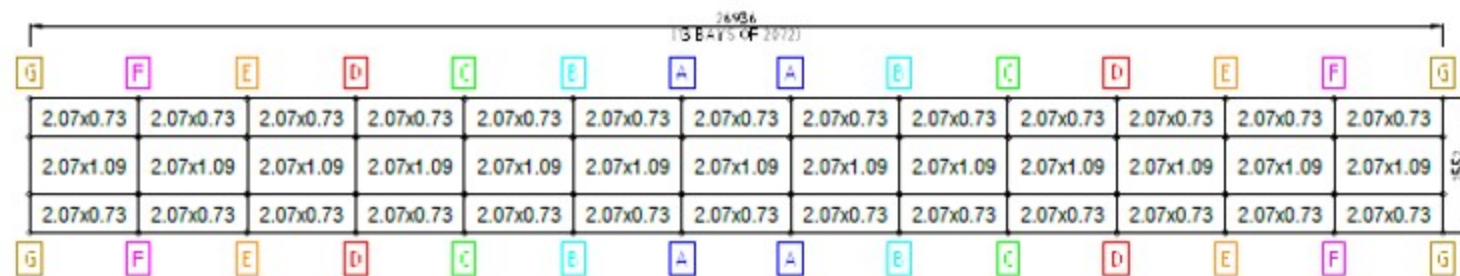


Preliminary 3D Drawing_ARKD-06446-1123-R9.nwd

Views Model browser Properties Settings

Print

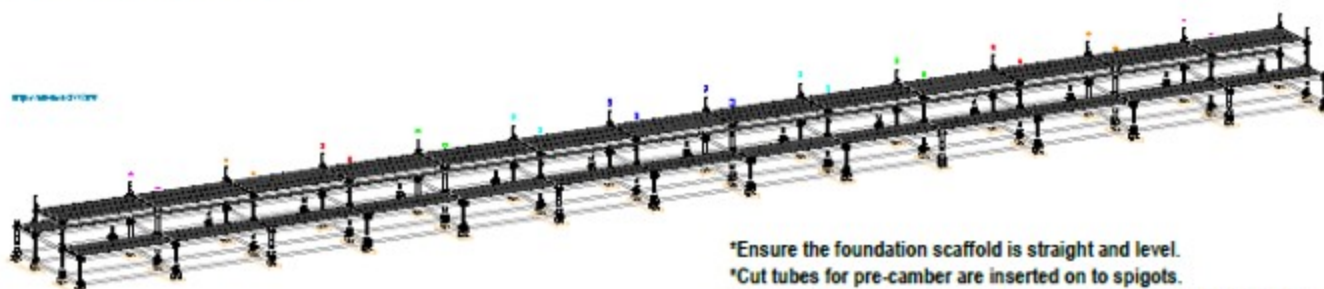




FOUNDATION BAY LAYOUT

SCALE: 1/30

STAGE 1 - FOUNDATION SCAFFOLD



- *Ensure the foundation scaffold is straight and level.
- *Cut tubes for pre-camber are inserted on to spigots.
- **This scaffold will remain on the ground when the bridge is craned.



TYPICAL SECTION

SCALE: 1/30

CUT TUBE LENGTHS FOR PRE-CAMBER

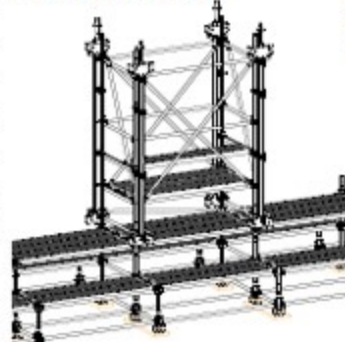
LEG	LENGTH
A	90mm
B	15mm
C	40mm
D	45mm
E	30mm
F	15mm
G	10 TUBE

STAGE 2 - MIDDLE AR FRAME



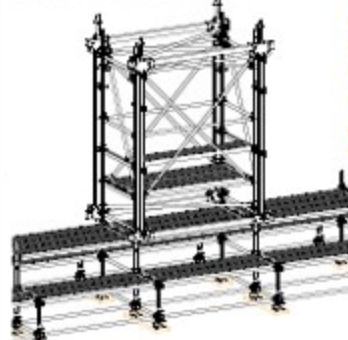
- *Insert the 3.0m standards upside-down above the cut tubes.
- *Box with ledgers and diagonal braces.
- **Use additional decks to create a temporary working platform.

STAGE 3 - ARBS POSTS



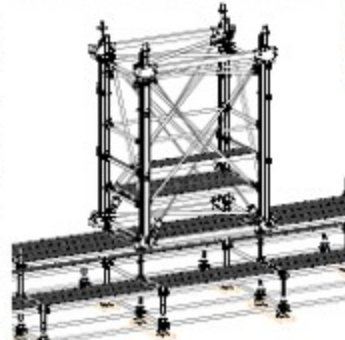
- *Add plan bracing at the bottom chord level above the rosette.
- *Attach 4 pcs Allround Bridging System (ARBS) posts.
- **Use additional temporary working platform as needed.

STAGE 4 - ARBS CHORDS

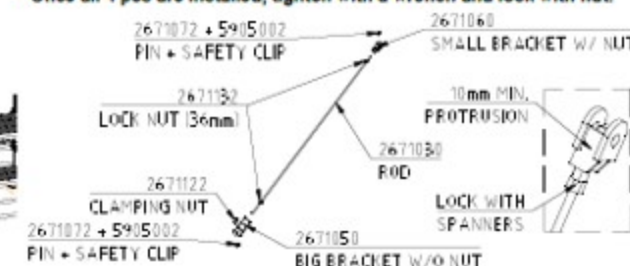


- *Add ARBS chords on both sides, top and bottom.
- *Add 2 sets of T&C cross plan braces at the top chord level. 1 set above the rosette and 1 set below the rosette.
- **Add check couplers for all top chord plan braces.
- ***Check couplers are placed inside the tubes since it is to help with compression loads.
- ***Follow plan bracing requirements from Bluebarn.

STAGE 5 - ARBS DIAGONAL RODS



- *Pre-assemble all diagonal rods (braces).
- *Add ARBS cross diagonal rods on both sides.
- **Connect the top pin first before the bottom.
- **Once all 4 pcs are installed, tighten with a wrench and lock with nut.



PRELIMINARY
THIS IS NOT A WORKING DRAWING

An interactive 3D model of this design can be viewed using this QR code:

[Myqrhub.com/qr](#)

NO.	REVISION	DATE	BY	CHKD BY
01	ISSUED	2023/07/11	WITT	WITT

Layher.
More Possibilities. The Scaffolding System.

CUNNINGHAM CONSTRUCTION

FULL ENCAPSULATION SCAFFOLD FOR WITT BLOCKS A & B

ALLROUND BRIDGING SYSTEM BUILD METHODOLOGY (PAGE 1 OF 3)

SCALE: 1/30

REV. NO. 01

REV. DATE 2023/07/11

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REV. BY WITT

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