MBC 2000 SINGLE
PASSENGER/GOODS HOIST
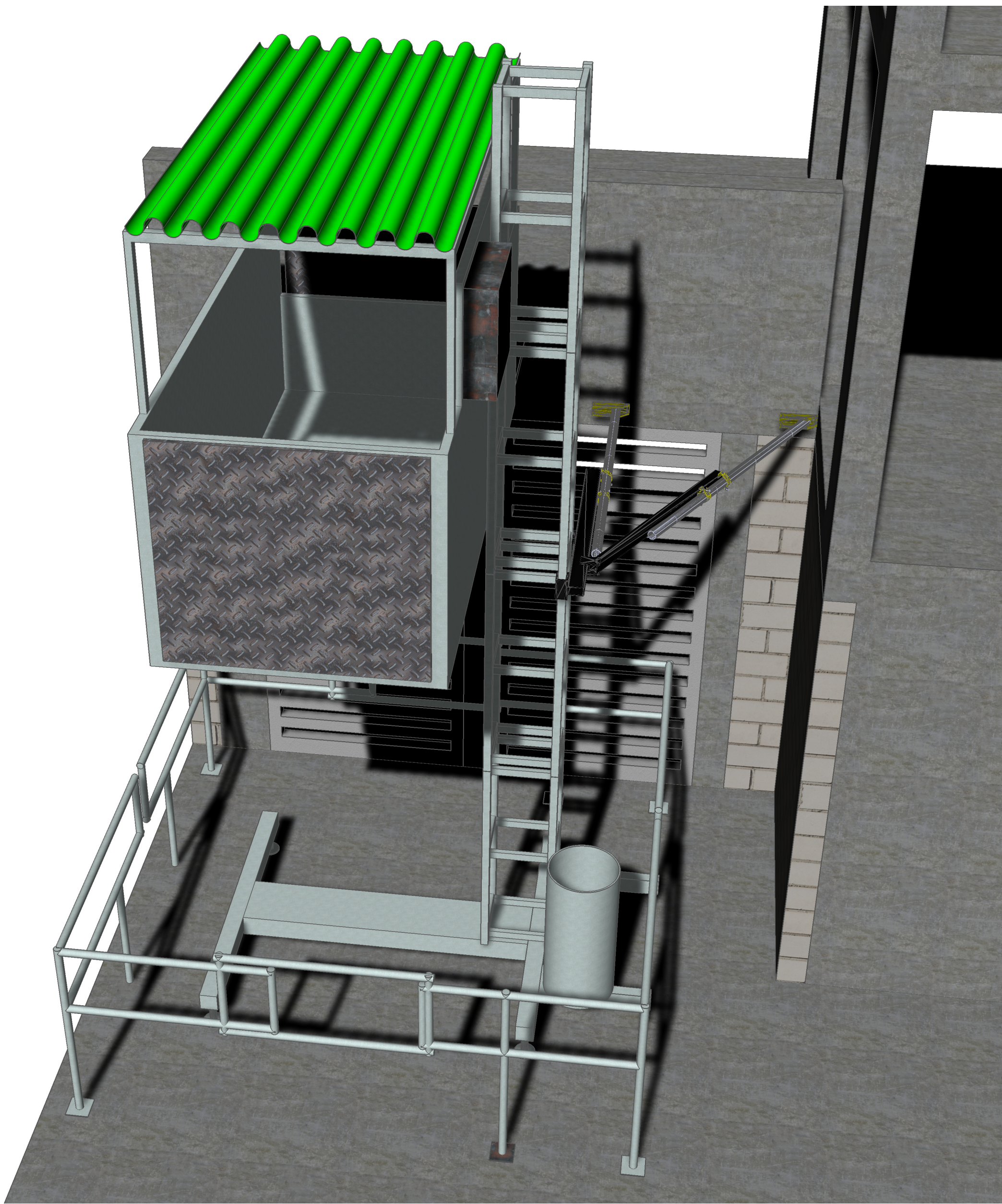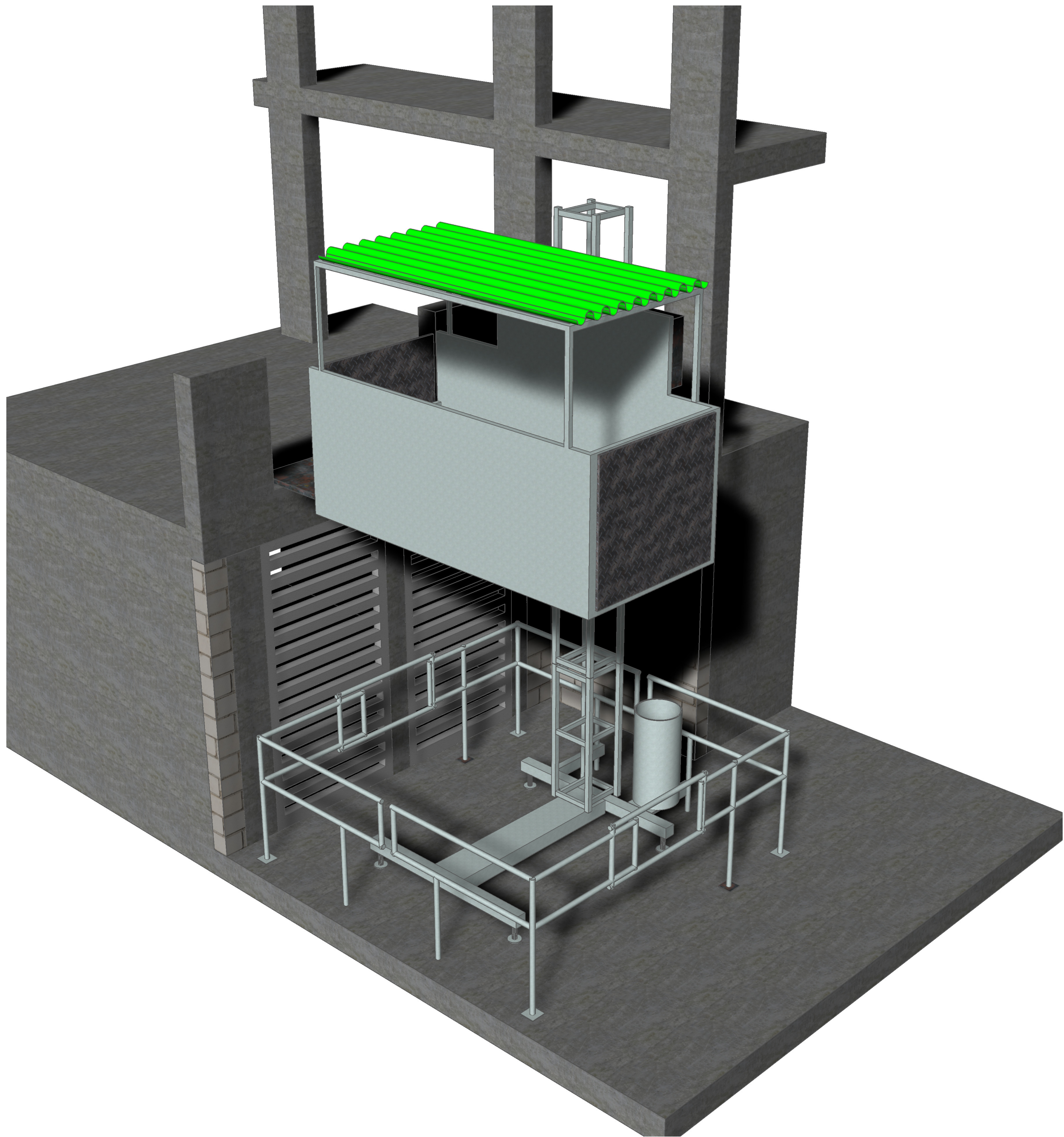HOIST MAXIMUM LOAD PER CAGE NOT TO EXCEED 2000kg AT ANY TIME

DESIGN BASED RESIDUAL HAZARDS ⚠
DESIGN BASED HAZARDS ARE ACTIVELY ELIMINATED WHERE POSSIBLE. WHERE HAZARDS CANNOT BE ELIMINATED, THIS SYMBOL WILL DENOTE HAZARD REFERENCE.

REVIEW DESIGN RISK ASSESSMENT AND CONFIRM ACCEPTANCE OF THESE HAZARDS PRIOR TO ERECTION OF SCAFFOLD

SCAFFOLDING ASSOCIATION
Associate Member

NASC
DESIGN MEMBER

STA
SCAFFOLD TOGETHER ASSOCIATION

VIEW 3D MODEL
SCAN QR CODE

3D DETAIL
RENDER 01

3D DETAIL
RENDER 01

⚠ **H3** **TIE LOADS TO EXISTING STRUCTURE**
CLIENT TO CONFIRM EXISTING STRUCTURE IS CAPABLE OF WITHSTANDING THE IMPOSED LOADS NOTED.

⚠ **H1** **BASE LOADS TO EXISTING GROUND AREA**
CLIENT TO CONFIRM EXISTING GROUND CONDITONS ARE CAPABLE OF WITHSTANDING THE IMPOSED LOADS NOTED.

REVISION NOTES
Rev P01
1. First issue to client for review as per design brief information received.

P01	16/04/25	First issue to client.	DC	DG
Revision	Date	Changes	Drawn by	Check by

PRELIMINARY DRAWING
FOR DISCUSSION PURPOSES ONLY

GREEN QUARTER P3
BLOCK G - MBC2000 GOODS ONLY HOIST FROM GROUND TO PODIUM LEVEL

GENERAL
1) This drawing is the exclusive and confidential property of company noted. No unauthorised use, copy or disclosure is to be made without written permission.
2) All erection and dismantle of hoist access is to be carried out in accordance with BS 7212:2016, and all relevant British Standards.
3) The design shown has been prepared based off information supplied to Node Scaffold Design. Site to check that all requirements have been met and constraints shown are acceptable.
4) All tie connections and install are to be completed as per design and manufacturers guidance.
5) Design of anchors to manufactures data are to be tested in accordance with CPA / CFA Guidance to BS8539:2012 Annex B.

6) No hoarding, signage, sheeting or netting to be installed to the hoist unless specifically stated.
7) Hoist Tie bracket assembly designed using suppliers proprietary anchor plates and connections. All elements to be tested in accordance with design loadings shown.
8) Any changes to tie setting out or type to be confirmed with Node Scaffold Design for suitabilty and drawing/calculations updated to reflect.
9) Load class stated is not to be exceed at any time. If load class is not sufficient, Node Scaffold design to be made aware prior to erection of hoist.
10) Main contractor responsible for all ground checks.

FOUNDATIONS/GROUND CONDITIONS
The client must ensure that the main contractor confirms that foundations provided are adequate and that they are capable of taking the imposed hoist loads.

Where hoist equipment is supported, anchored, suspended or tied to an existing structure or the ground, the client must ensure that the main contractor structure is adequate to safely support the additional imposed loads. Undermining of the hoist must be avoided at all times by the Client. All loads noted are to be taken as unfactored.

For setting out of base and load locations, written dimensions shall take precedence over scaled dimensions. The Client should verify all site dimensions and notify Node Scaffold Design of any discrepancies. The Client is responsible for accurately setting the position of the hoist structure.

MAXIMUM CALCULATED BASE LOAD AT ANY LOCATION
65.85kN

TYING IN
All ties denoted by coloured marker as per sample shown. Specific colour to be matched to tie detail shown where multiple tie types occur.

MAXIMUM TIE LOAD BY TIE TYPE		
SERVICE		
TEST		

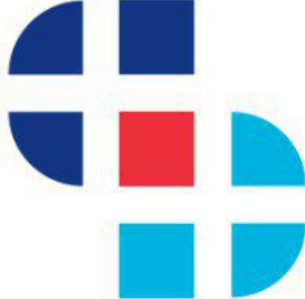All ties to be installed as per relevant guidance documentation.

RESIDUAL HAZARDS
This design drawings is to be read in conjunction with Node Scaffold Design relevant Design Risk Assessment, where all residual hazards are noted within with reference codes below. ⚠ **XX**

H1	H2	H3	H4	H5
H6	H7	H8	H9	M1
M2	M3	M4	M5	M7
L1	--	--	--	--

CLIENT
SEAN DOYLE SCAFFOLDING

Project:	Disc:	Type:	Scheme:	Number:	Revision:
SDS001	H	DR	02	3D00	P01

Date:	Drawn by:	Check by:	Scale:
16/04/25	DC	RB	N/A

NODE