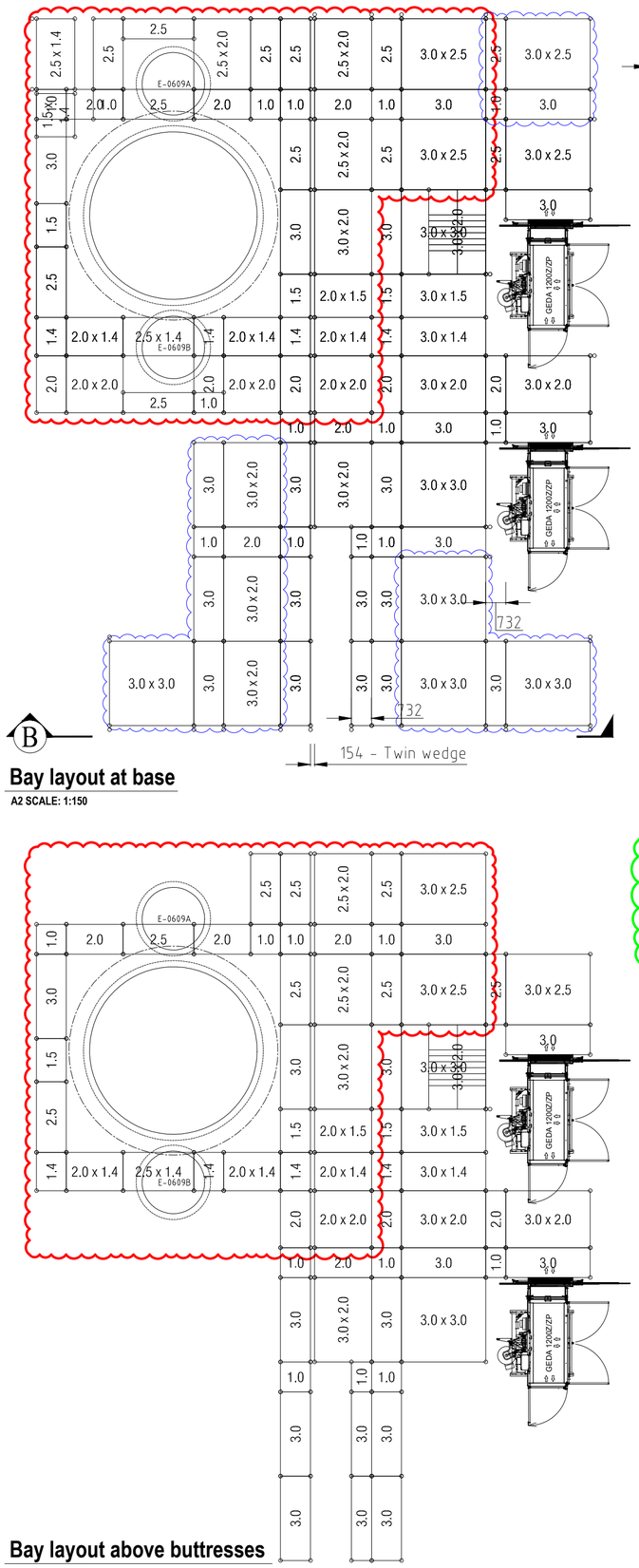
Existing scaffold

Additional scaffold

Buttresses added from PS1

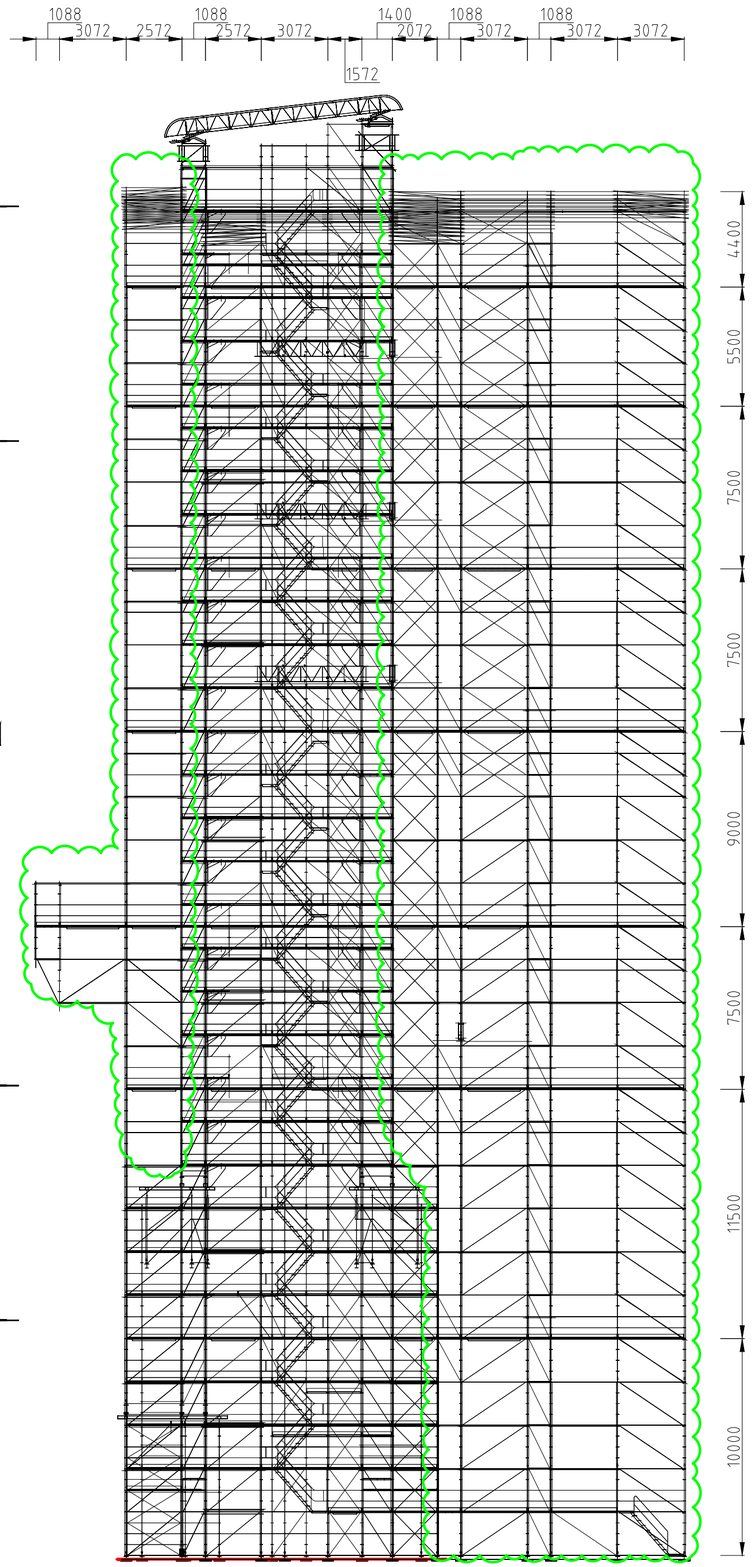


Bay layout at base

A2 SCALE: 1:150

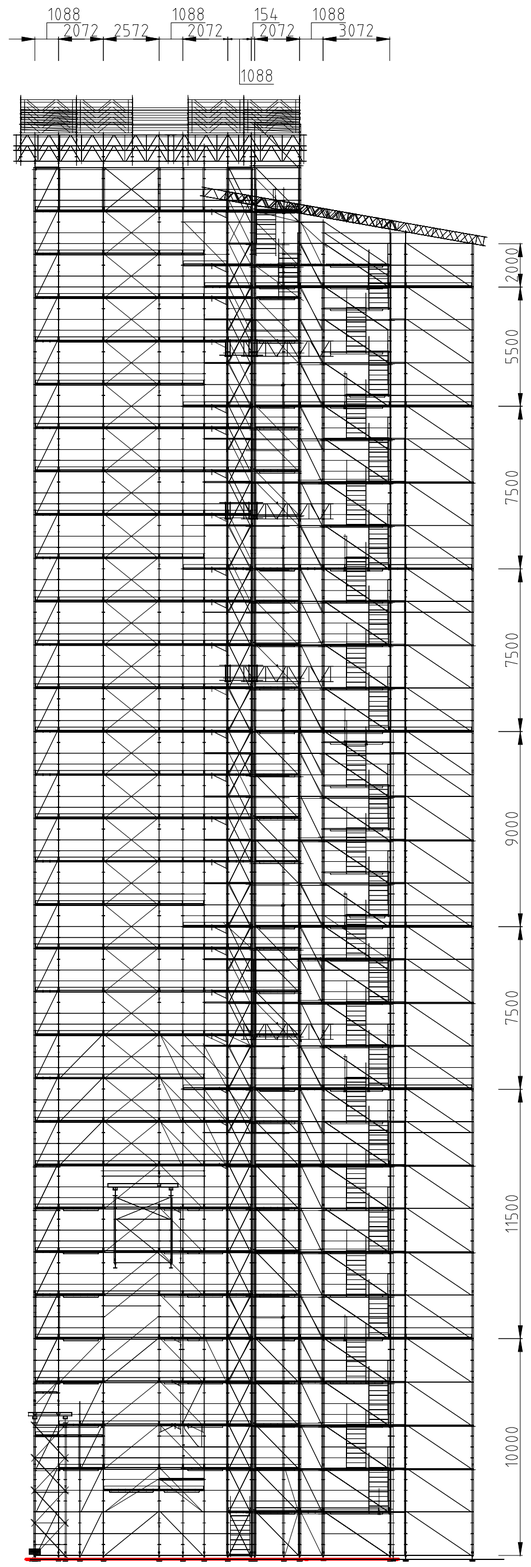
Bay layout above buttresses

A2 SCALE: 1:150



Elevation A

A2 SCALE: 1:200



Elevation B

A2 SCALE: 1:200

GENERAL NOTES:

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The following drawings/information obtained on loan have been used to prepare this scheme:
E-mailed plans

4. Assumptions
The following assumptions affecting the use of the equipment shown on this technical drawing have been made:

Original Layher System to be used	Allround Access Scaffold
Version	K2000+LW
System grid	As shown
Scaffold height	As shown
Sheeted scaffold	No
Tied to the permanent structure	Yes
Connected to a buttress scaffold	No

5. This drawing should be read in conjunction with the following:
Interactive web-based 3D model provided (if applicable)

6. Platforms & Imposed Loads
Platforms:
Number of decked levels: As shown
Number of allowed working platforms at a time: 1

Imposed Loads:
Live Loads in accordance to Section 2.5.3.1.2 of the AS/NZS 1576.1:2019 Scaffolding Part 1: General Requirements
Medium Duty Load Class: 4.40kN or 450kg per Bay

7. Foundations / Support
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Maximum calculated leg load can be provided upon request

8. Assembly/Modification
Assembly, alteration and dismantling of scaffolding involves risk of falls. Perform scaffolding assembly alteration and dismantling work in such a way that the risk of falls are avoided as far as possible and that the residual risks are minimized. Layher accepts no responsibility for the suitability of this technical drawing in relation to the erection, alteration and dismantling or use of any scaffolding equipment at any particular site nor any damage or loss arising directly or indirectly from the erection, alteration and dismantling or use of any scaffolding equipment at any site in reliance on this technical drawing.

9. Stability of Scaffold
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FOR CONSTRUCTION
AS PER PS1-02351-010 (Blue Barn Consulting Ltd)

The interactive 3D model can be viewed using this QR code:

Refer to Blue Barn Consulting Ltd PS1 for details of bracing along all axis.
Job number: 02351-010

Max spindle extensions of working platforms = 10 cm

Decks to be positioned 1-1.5m below center of manways.
Heights TBC onsite.

MEDIUM DUTY
3 working level at a time

REV.	DATE	DESCRIPTION	PREP. BY	CHK. BY
R5	10.03.23	P1 features added	Kelvin	I.R.
R4	24.02.23	Deck levels changed, L.B. roof added	Kelvin	I.R.
R3	03.02.23	Hoist and moved, some scaffold raised	Kelvin T	I.R.
R2	19.01.23	Preliminary drawing	Kelvin	I.R.

Layher
More Possibilities. The Scaffolding System.

PO Box 38388 Wellington Mail Centre
Wellington 5045 New Zealand
info@layher.co.nz
www.layher.co.nz

Client: Cunningham Construction Ltd

Project: Methanex D4 Column, Internal work

Drawing Title: 1 of 3
Bay Layouts and Elevations

SCALE: As shown @ A2 paper size.

DWG. NO.	PREP. BY	CHK. BY	DATE	REV.
AR-05894-0822-A	Kelvin	I.R.	10.03.23	R5

Existing scaffold

Working platform per level - approx. 125m²

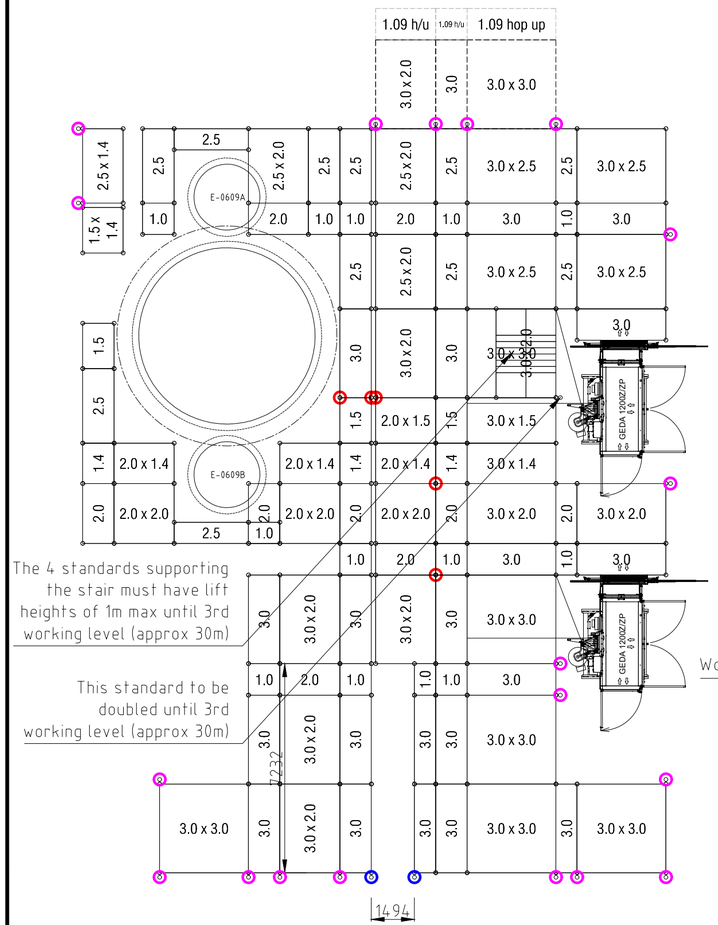
Loading areas

Buttress bays added due to PS1

Standards that must be bridged and cut

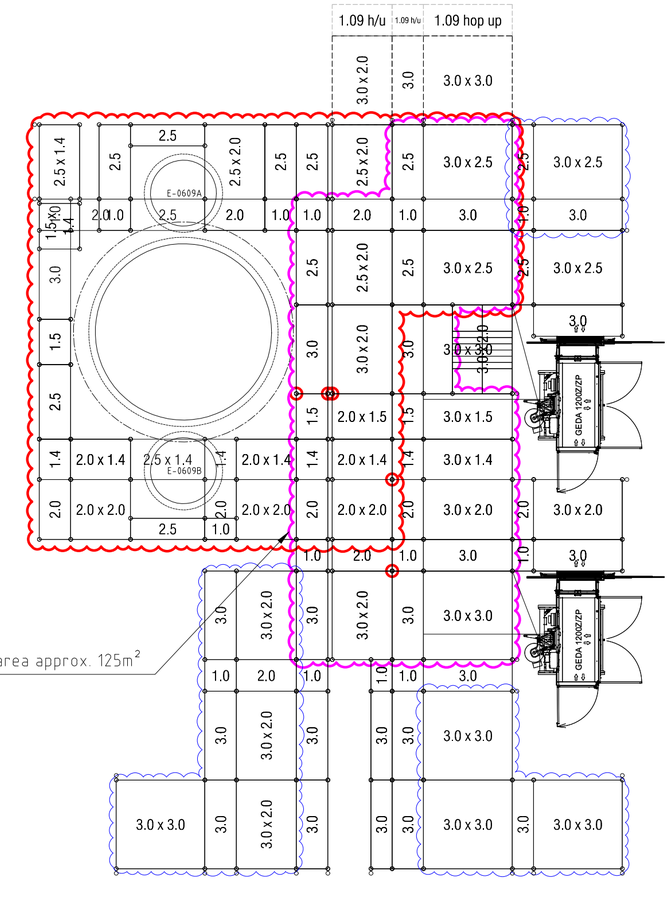
Additional twin wedged standards to 6m high

Additional twin wedged standards to 10m high



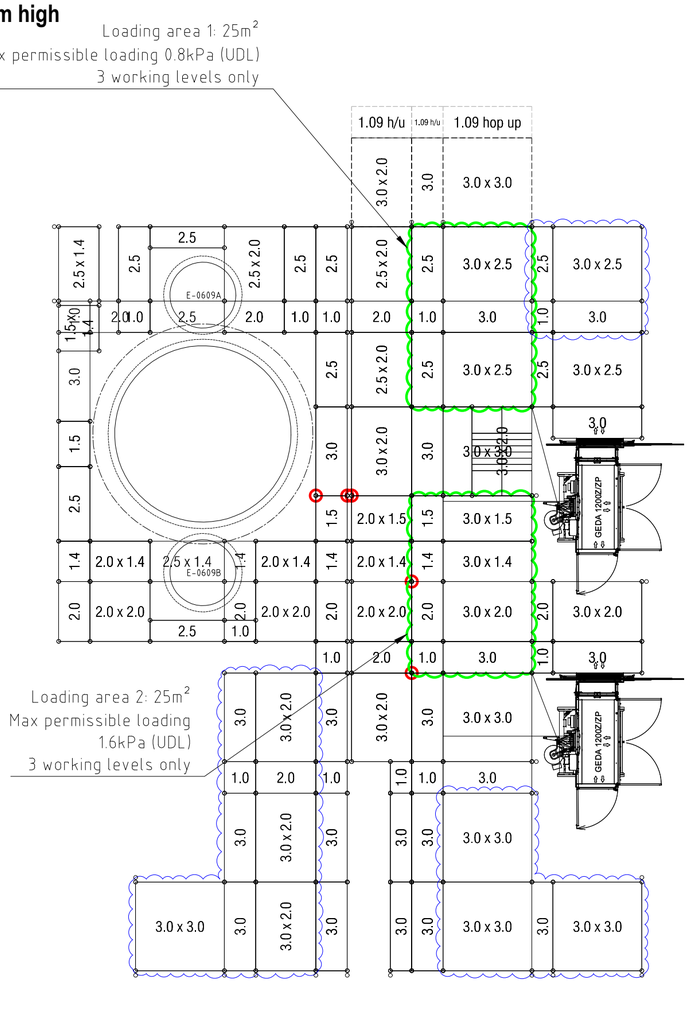
Plan view showing double standards for first 10m

A2 SCALE: 1:150



Existing scaffold and working areas

A2 SCALE: 1:150



Loading areas

A2 SCALE: 1:150

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Version	K2000+LW
System grid	As shown
Scaffold height	As shown
Sheeted scaffold	No
Tied to the permanent structure	Yes
Connected to a buttress scaffold	No

5. This drawing should be read in conjunction with the following:
Interactive web-based 3D model provided (if applicable)

6. Platforms & Imposed Loads
Platforms:

Number of decked levels	As shown
Number of allowed working platforms at a time	1

Imposed Loads:
Live Loads in accordance to Section 2.5.3.1.2 of the AS/NZS 1576.1:2019 Scaffolding Part 1: General Requirements

Medium Duty Load Class	4.40kN or 450kg per Bay

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FOR CONSTRUCTION
AS PER PS1-02351-010 (Blue Barn Consulting Ltd)

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Job number: 02351-010

Max spindle extensions of working platforms = 10 cm

Decks to be positioned 1-1.5m below center of manways.
Heights TBC onsite.

MEDIUM DUTY
3 working level at a time

Additional 5 tonne strops required as per PS1

LOADING PLATFORM 1 - 3 Working platform only
0.8 kN/m² or 80 kg/m² (UDL)

LOADING PLATFORM 2 - 3 Working platform only
1.6 kN/m² or 160 kg/m² (UDL)

REV.	DATE	DESCRIPTION	PREP. BY	CHK. BY
R5	10.03.23	P1 features added	Kelvin	I.R.
R4	24.02.23	Deck levels changed, L.B. roof added	Kelvin	I.R.
R3	03.02.23	Hoist and moved, some scaffold raised	Kelvin T	I.R.
R2	19.01.23	Preliminary drawing	Kelvin	I.R.

Layher
More Possibilities. The Scaffolding System.

PO Box 38388 Wellington Mail Centre
Wellington 5045 New Zealand
info@layher.co.nz
www.layher.co.nz

Client: Cunningham Construction Ltd

Project: Methanex D4 Column, Internal work

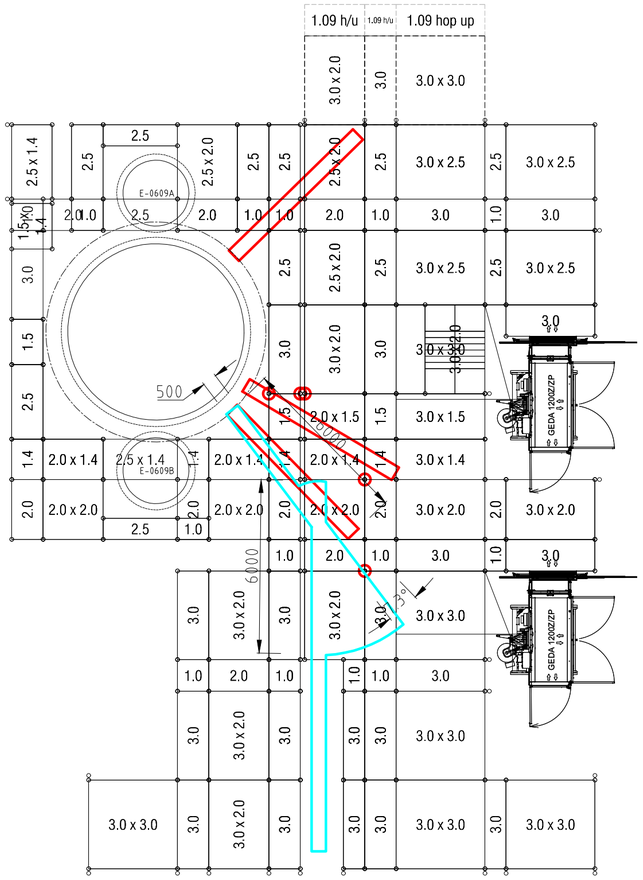
Drawing Title: 2 of 3 Plan view, working and loading areas

SCALE: As shown @ A2 paper size.

DWG. NO.	PREP. BY	CHK. BY	DATE	REV.
AR-05894-0822-B	Kelvin	I.R.	10.03.23	R5

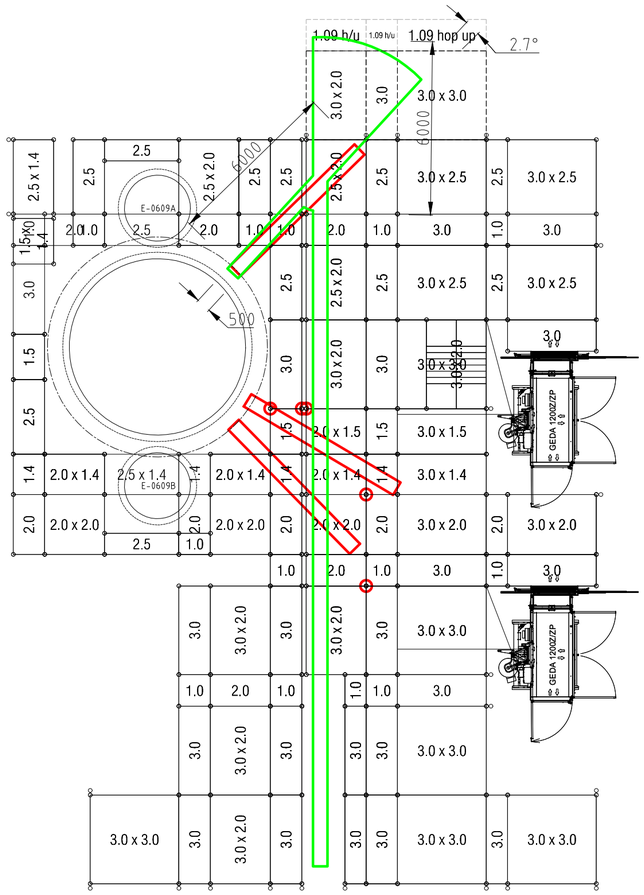
Standards that will need to be cut and/or bridged

Alignment of parts if going straight into column



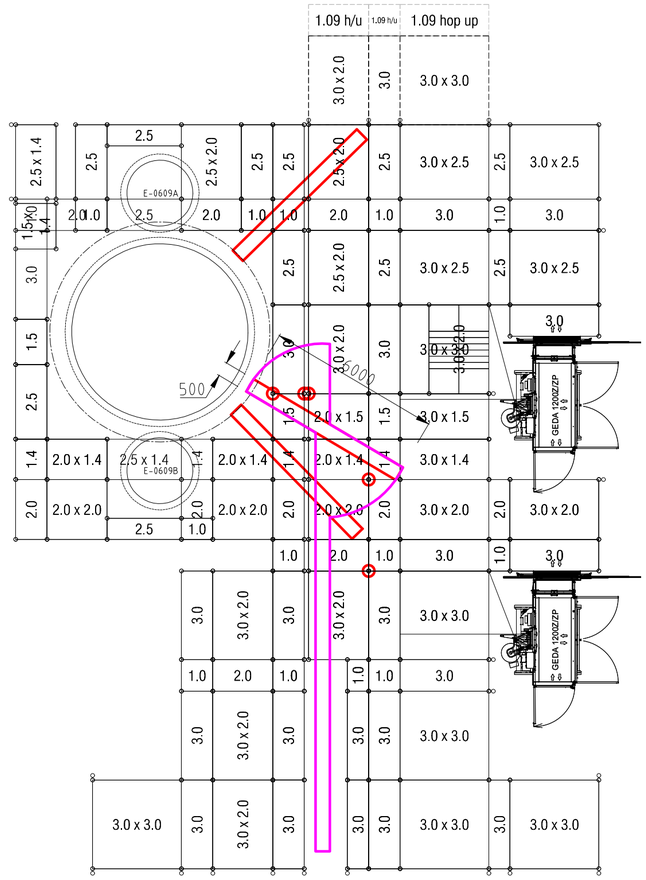
Path of Manways 2 & 7

A2 SCALE: 1:150



Path of Manways 3

A2 SCALE: 1:150



Path of Manways 4, 5 & 6

A2 SCALE: 1:150

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Job number: 02351-010

⚠ **Max spindle extensions of working platforms = 10 cm**

⚠ **Decks to be positioned 1-1.5m below center of manways.**
Heights TBC onsite.

⚠ **MEDIUM DUTY**
3 working level at a time

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www.layher.co.nz

Client: Cunningham Construction Ltd

Project: Methanex D4 Column, Internal work

Drawing Title: 3 of 3
Movement path of parts entering manways

SCALE: As shown @ A2 paper size.

DWG. NO.	PREP. BY	CHK. BY	DATE	REV.
AR-05894-0822-C	Kelvin	I.R.	10.03.23	R5