

Plan A-A

Boarding, lacing tubes and intermediate transoms omitted for clarity

Plan B-B

Boarding and intermediate transoms omitted for clarity

Elevation C-C

Fundamental Notes

1. Max bay length 1.8m
2. Max bay width 5 boards
3. Max transom spacing 0.9m
4. Max lift height 2m - 2.7m (Base Lift)
5. All connections except board bearers to be made using load bearing fittings
6. Exact standard locations may vary on site, however max bay lengths/widths etc must not be exceeded
7. Max tie grid - N/A

MAXIMUM LOADINGS

Independent - 1no. Lift - 5kN/m^2 (500kg/m²)
All inside boards at - 0.75kN/m^2 (75kg/m²)
Max Point Load (Lifting Frame - (300kg)

THESE LOADINGS MUST NOT BE EXCEEDED

All Loadings Unfactored

No alterations which may effect the scaffolds structural stability to be made without prior written notice from BDS Ltd



Approval Only

Please print all drawings in colour A3 min
Drawing not to scale
dimensions as per drawing

Project: 108 High Street, Manchester

Drawing Title: Independent Access Scaffold With Lifting Frame & Various Beam Spans

Drawn by: Rob Forster

Draft: 21/08/2020

Signed:

Approval: 25/08/2020

Construction: TBC

Checked by: Lee Buckley

Date: 25/08/2020

Signed:

Drawing No.

BDS-6194-01

Revision

N/A

A

N/A

N/A

B

N/A

N/A

C

N/A

N/A

D

N/A

N/A

E

N/A

N/A

Notes:

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The Main Contractor is to ensure the ground, structure and/or base provided for our scaffold, is adequate to support the imposed loads applied, including the provision for any necessary spreaders.

The design and erection of scaffolds are to conform with the following British Standards and Codes of Practice:
BS1139 Metal Scaffolding
BS2482 Specification for Practice for Access and Working Scaffolds
BS EN 12811-1 Codes of Practice for Steel Scaffolding Structures
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BS EN 1991-1-1:2002 Eurocode: Actions on Structures - Densities, Self-weight and Imposed Loads
BS EN 1991-1-4:2005 Eurocode: Actions on Structures - Wind
BS EN 13374:2013 Temporary edge protection systems - Product specification, test methods.



T: 0800 270 7998 E: info@buckleydesigns.co.uk

Notes - 300mm Ladder Beam

- All beam/standard connections to be made with load bearing couplers.
- All beam/puncheon connections to be made with load bearing couplers.
- Lacing tubes to be fixed to the standards directly below beam/standard connections, thus acting as checker.
- Lacing tubes to be fixed to the puncheons directly above beam/puncheon connections, thus acting as checker.
- Lace beams together on top & bottom chords at max 1m centres.
- Plan brace full length of beams on the top chord (compression chord).

Brace all 4no. sides of support towers

PEDESTRIAN PROTECTION
PROTECTION TO THE PUBLIC MUST BE MAINTAINED IN ACCORDANCE WITH SG34:17 & TG20:13

RISK
ALL BOARDS TO BE ADEQUATELY SECURED IN THE EVENT OF HIGH WINDS

CLASS B COUPLERS
ALL CONNECTIONS TO BE MADE WITH CLASS B COUPLERS
CLASS B COUPLER: SWL = 9.1kN

CDM REGULATIONS 2015
The Construction (design & management) Regulations 2015, Require that we make customers aware of their duties imposed by the regulations. Guidance on your duties are published by the HSE in the form of an approved code of practice.

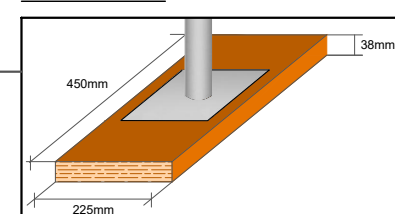
SG4:15
The scaffolders MUST erect the scaffolding in accordance with the guidance notes set out in SG4:15

LADDER ACCESS
LADDER ACCESS TO BE INSTALLED IN ACCORDANCE WITH SG25:14 (omitted for clarity)

Legend

- Tube
- Ladder Beam
- 450mm Beam
- Horizontal Beam Tie
- Tube
- 750mm Beam
- Hoarding
- Sheeting
- Spur/Pull Back Raker
- Bracing
- X Chord Bracing
- Chord Bracing
- Standard
- Puncheon
- Through Tie
- Lifting Frame

Sole Pad Detail



Section D-D

Section E-E

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LADDER ACCESS

LADDER ACCESS TO BE INSTALLED IN ACCORDANCE WITH SG25:14 (omitted for clarity)

RISK

NO BANNERS TO BE FIXED TO THE SCAFFOLD

PEDESTRIAN PROTECTION

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dimensions as per drawing



Project: 108 High Street, Manchester
Drawing Title: Independent Access Scaffold With Lifting Frame & Various Beam Spans
Drawn by: Rob Forster
Signed: [Signature]
Draft: 21/08/2020
Approval: 25/08/2020
Construction: TBC

Checked by: Lee Buckley
Signed: [Signature]
Date: 25/08/2020

Drawing No. BDS-6194-02
Revision N/A

Drawing Scale: N/A

Revisions:	
A	N/A
B	N/A
C	N/A
D	N/A
E	N/A

DIMENSIONS
NO SURVEY DRAWINGS SUPPLIED THEREFORE ALL BUILDING DIMENSIONS ARE APPROXIMATE

Fundamental Notes

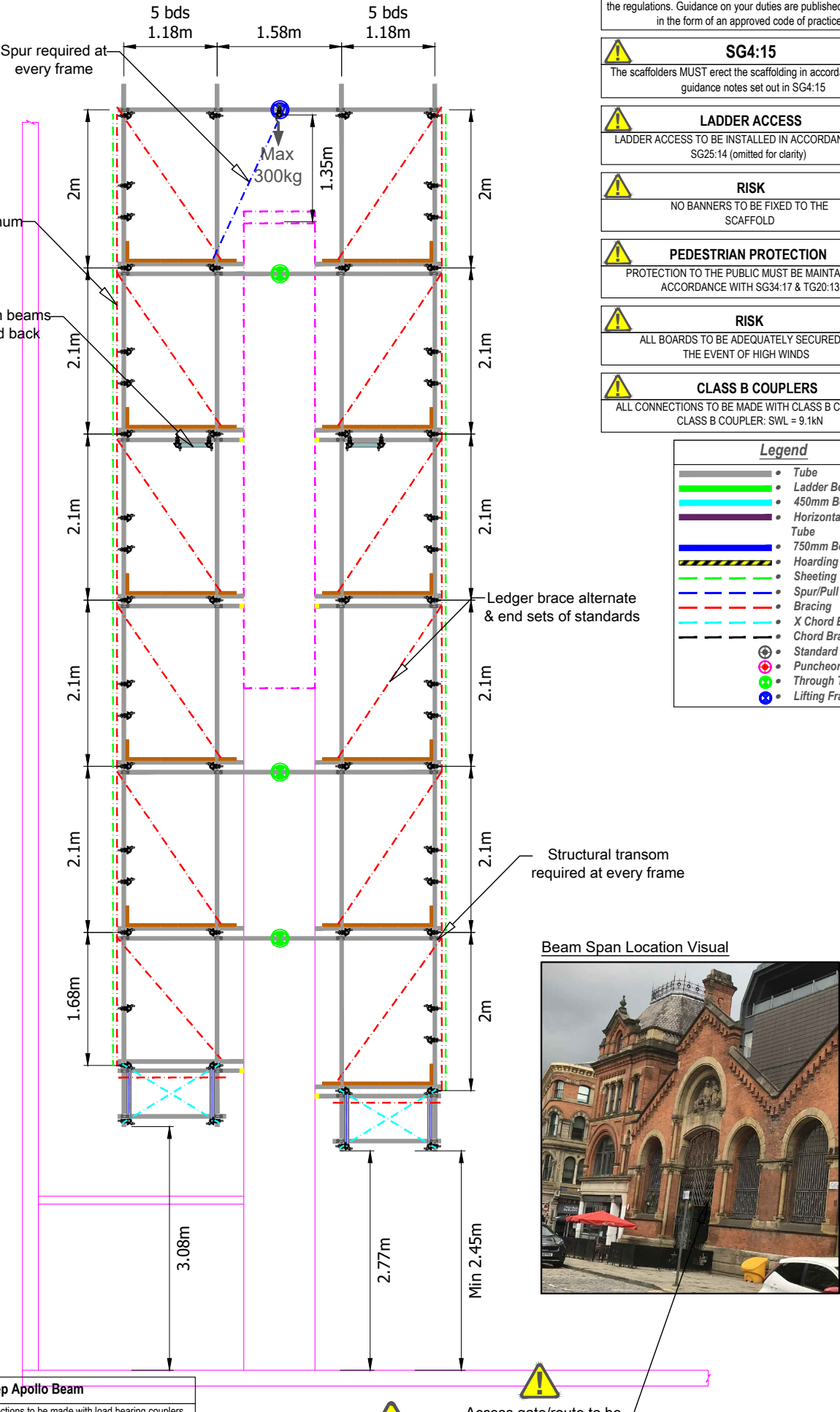
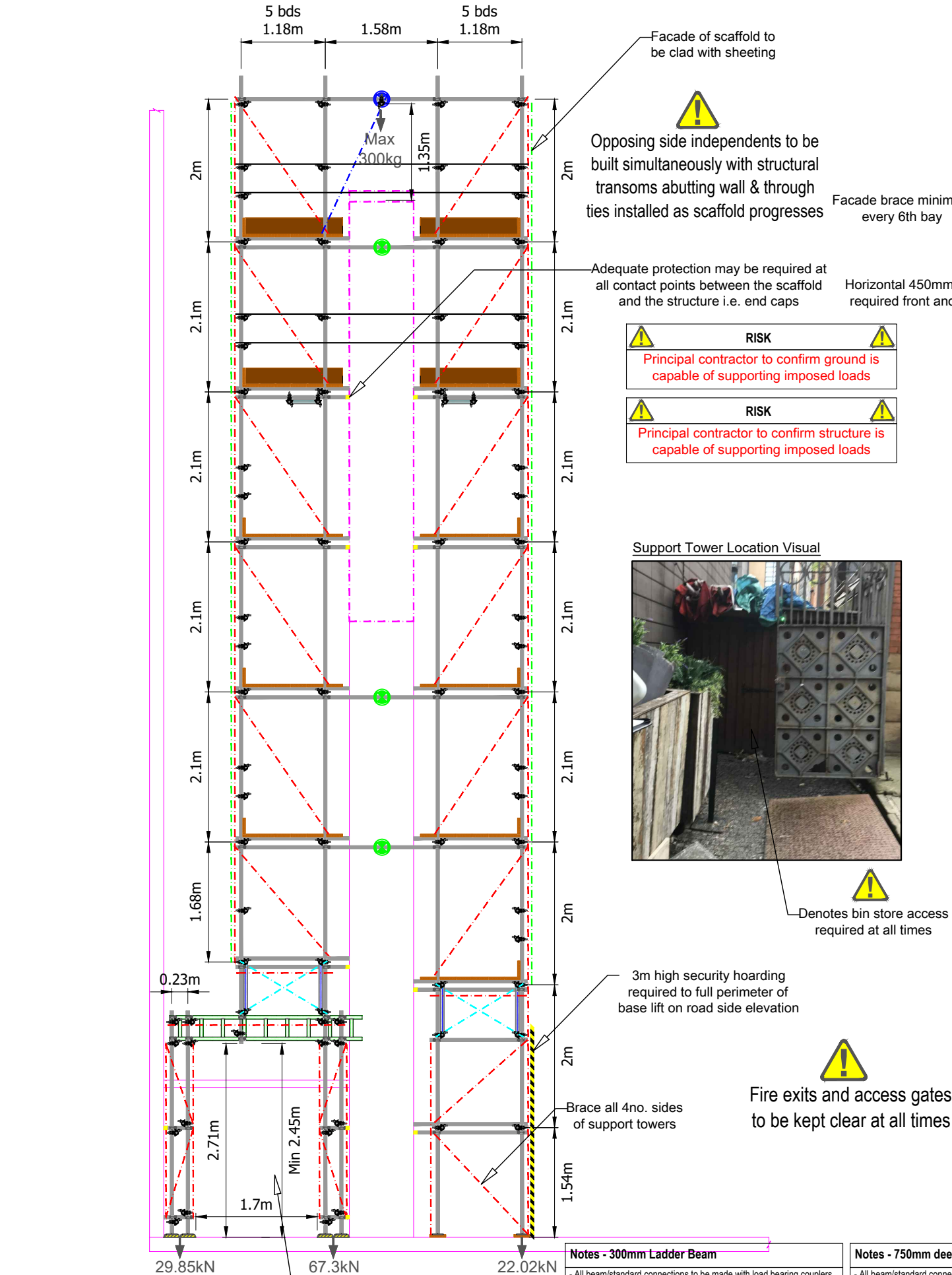
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- Plan brace full length of beams on the top chord (compression chord).

Notes - 750mm deep Apollo Beam

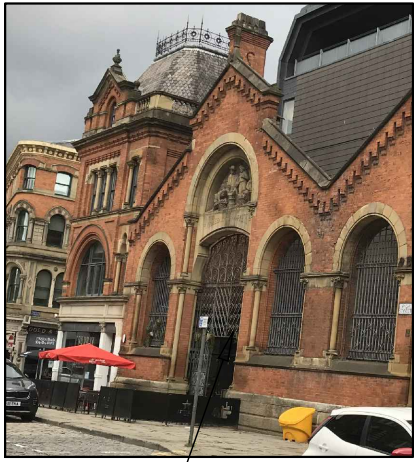
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- Lacing tubes to be fixed to the standards directly below beam/standard connections, thus acting as checker.
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- 'X' brace & Lace beams together on top & bottom chords at max 1m centres.
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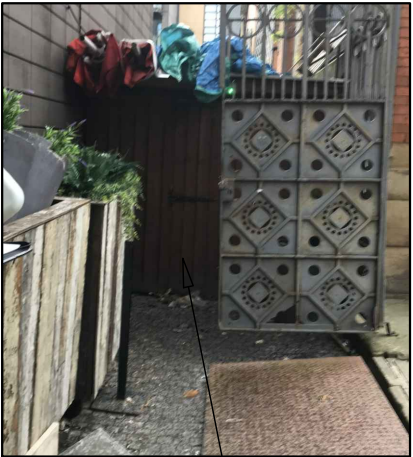
Principal contractor to confirm exact height/width clearances required prior to erection

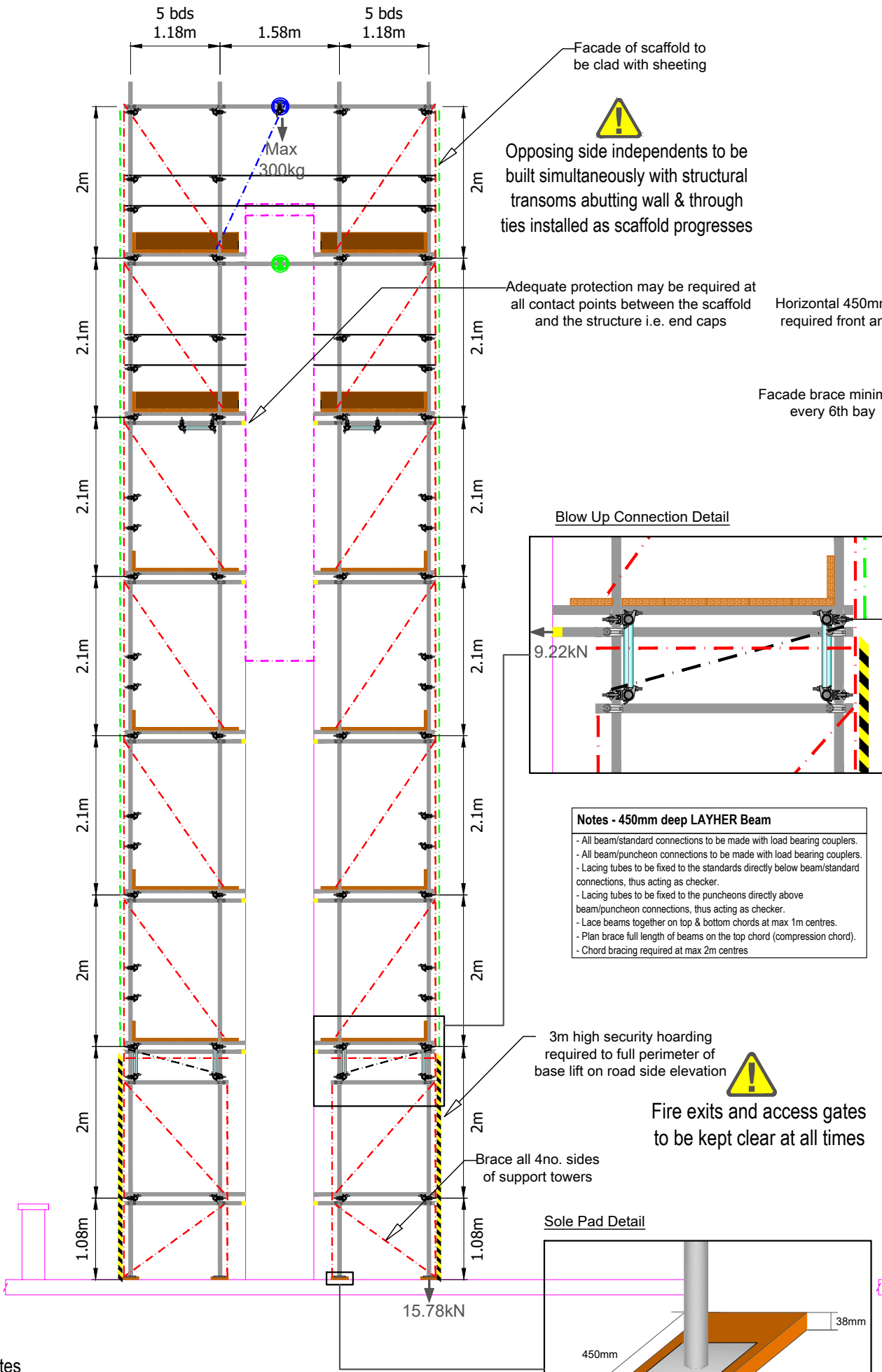
Access gate/route to be kept clear at all times

Beam Span Location Visual

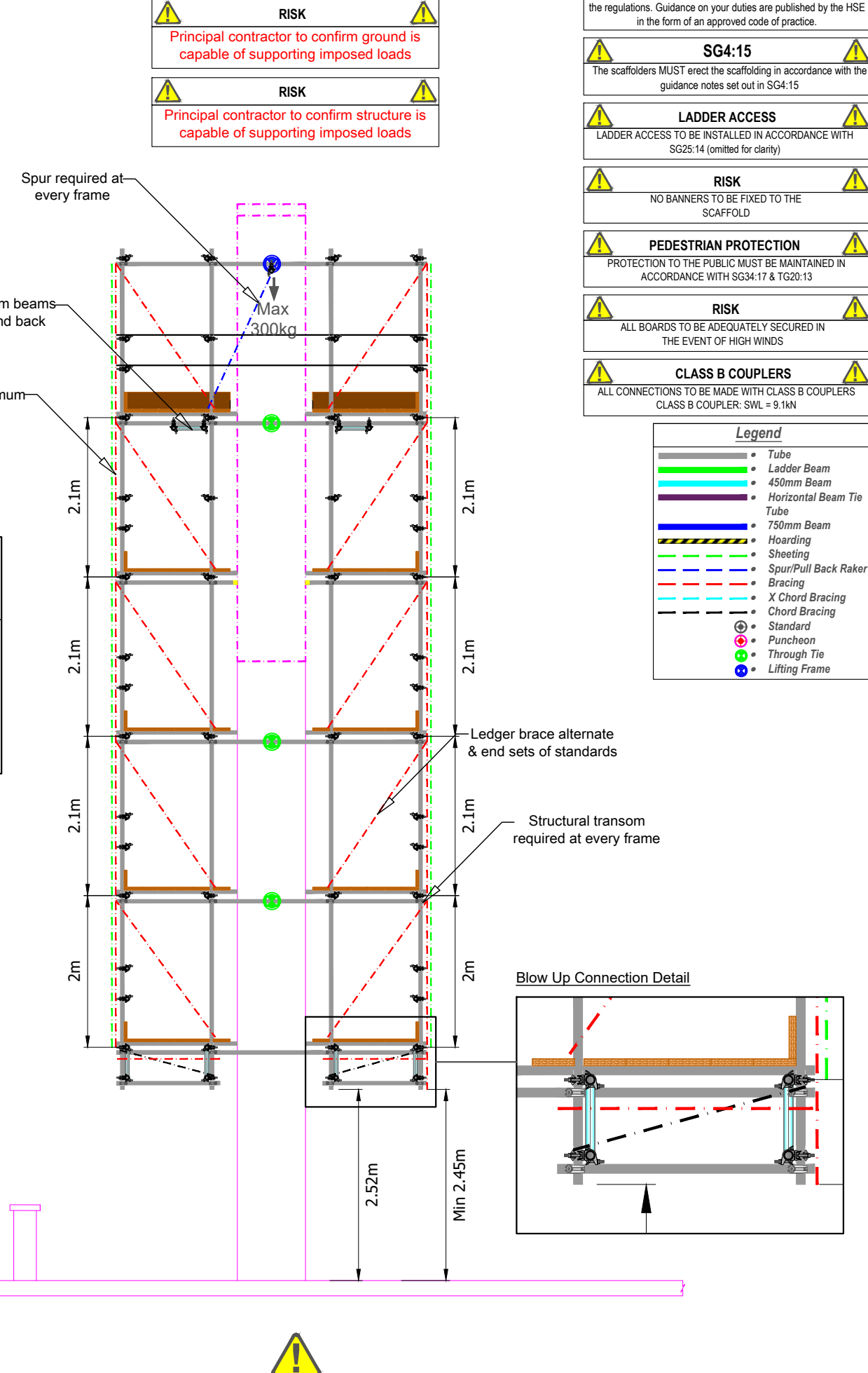


Support Tower Location Visual





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Client:

CRAVEN
SCAFFOLDING LTD

BDS SCAFFOLD DESIGN SPECIALISTS
T: 0800 270 7998 E: info@buckleydesigns.co.uk

Project: 108 High Street, Manchester
Drawing Title: Independent Access Scaffold With Lifting Frame & Various Beam Spans
Drawn by: Rob Forster
Signed: [Signature]
Draft: 21/08/2020
Approval: 25/08/2020
Construction: TBC

Checked by: Lee Buckley
Signed: [Signature]
Date: 25/08/2020

Drawing No. **BDS-6194-03** Revision **N/A**

Drawing Scale: N/A

Revisions:	
A	N/A
B	N/A
C	N/A
D	N/A
E	N/A

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