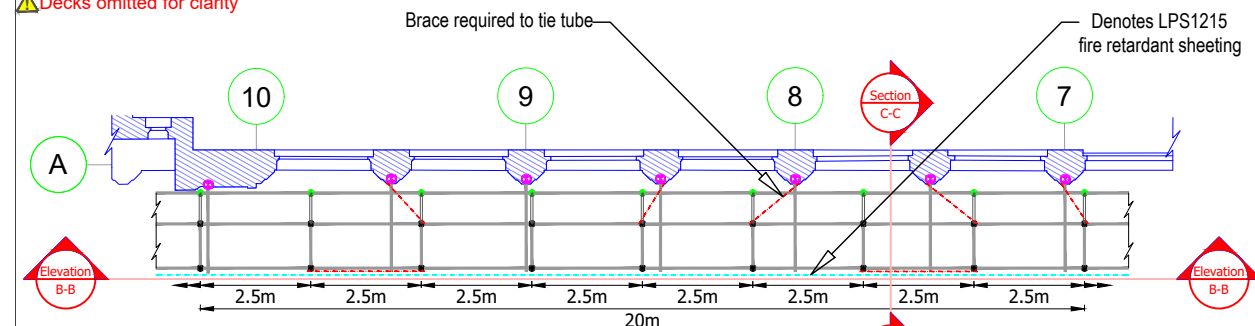
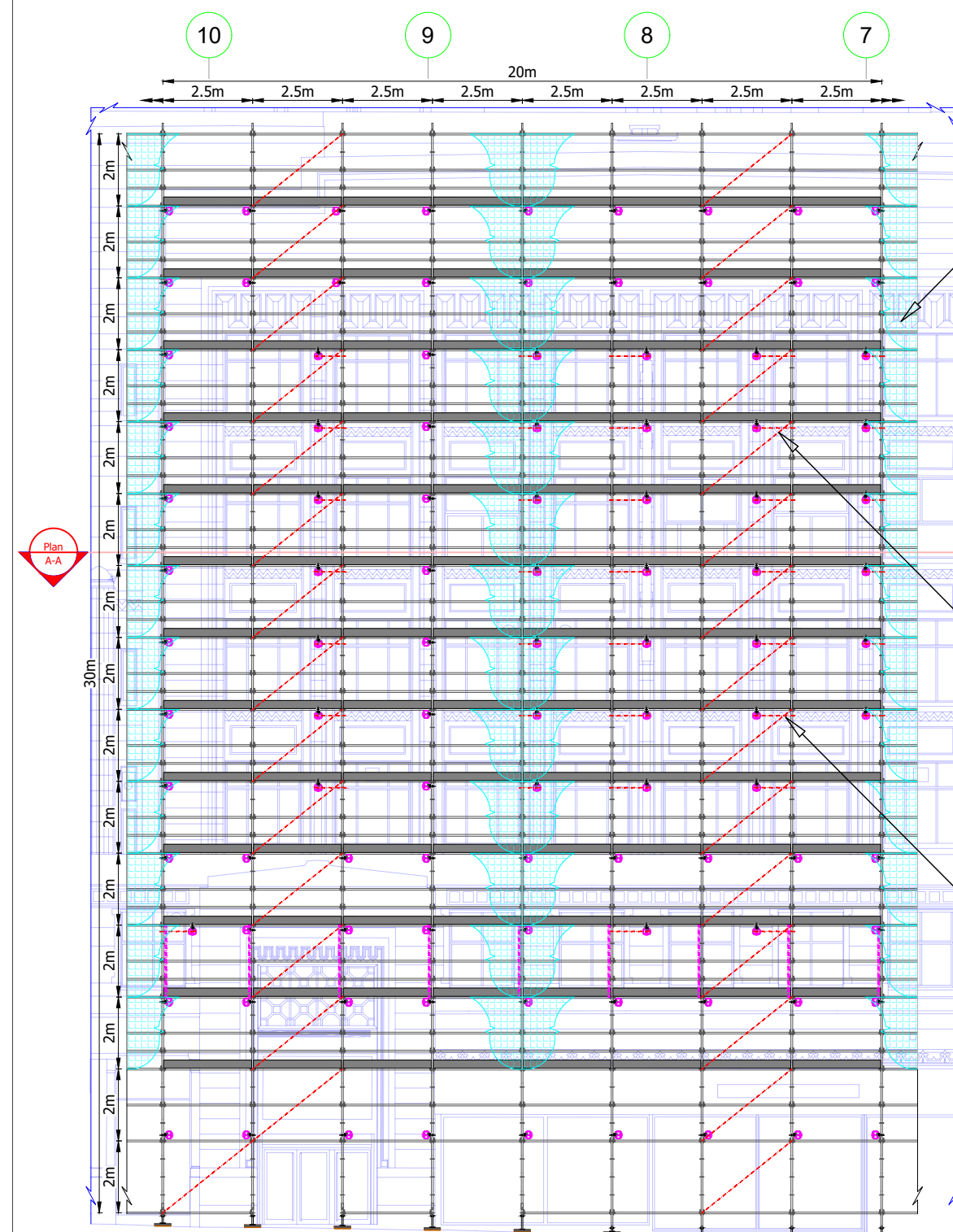


Plan A-A

Decks omitted for clarity



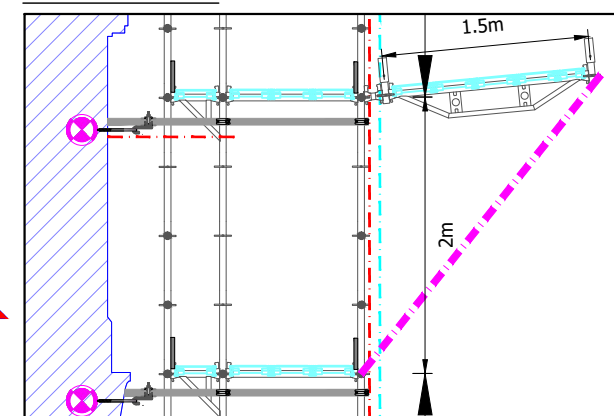
Elevation B-B



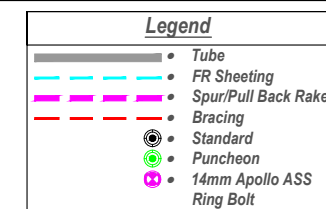
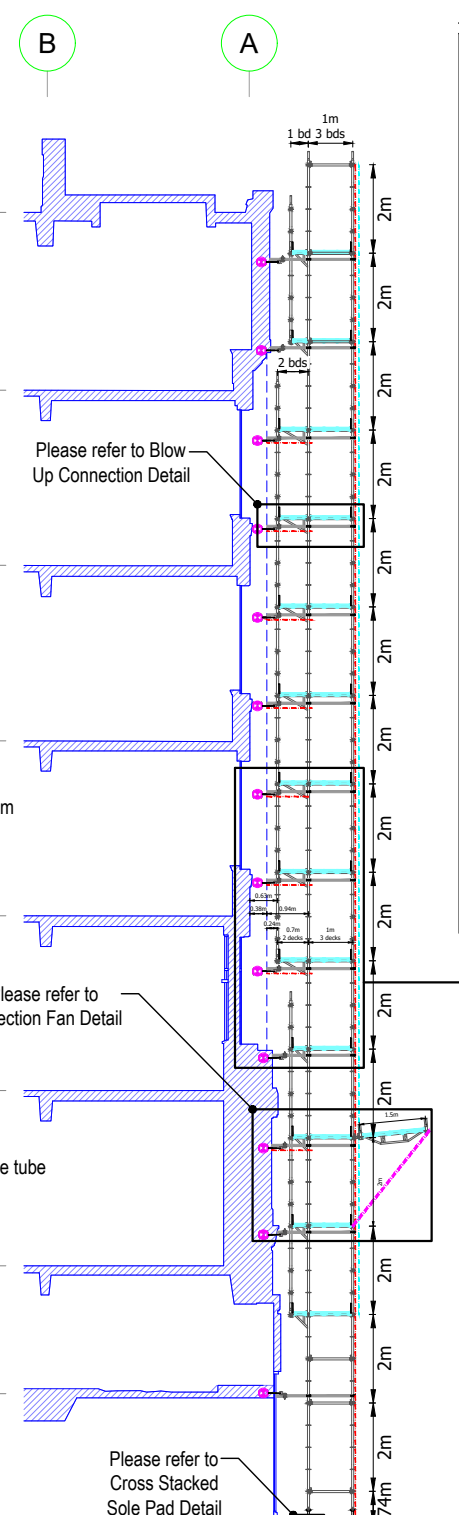
Fundamental Notes

1. Max bay length 2.5m
2. Max bay width 1m
3. Max transom spacing N/A
4. Max lift height 2m
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 - As Shown

Protection Fan Detail

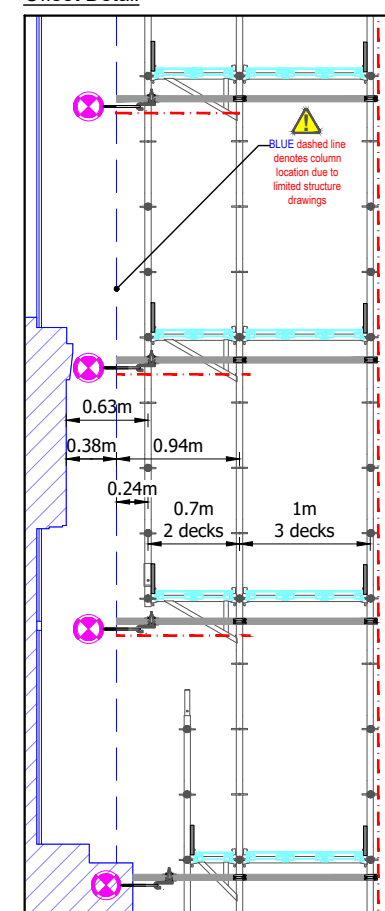


Section C-C

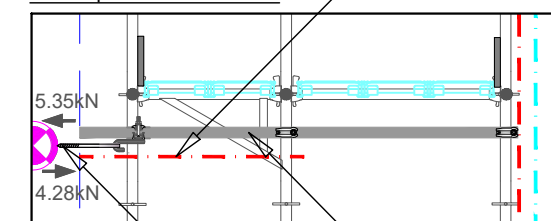


Scaffold to be clad with LPS1215 fire retardant sheeting

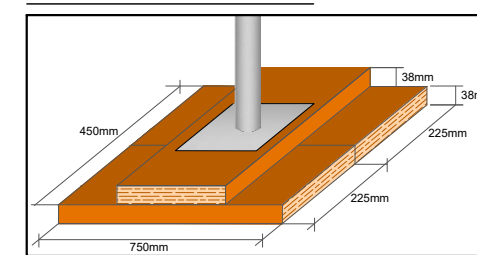
Offset Detail



Blow Up Connection Detail



Cross Stacked Sole Pad Detail



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.

TG4:19
Scaffold tie arrangements must be erected/tested in accordance with the guidance notes set out in TG4:19 (Anchorage Systems for Scaffolding)

TG4:19 (TIE TESTING REQUIREMENTS)
• Preliminary Load Test - This anchor to 2 x 4.28kN = 8.56kN If the preliminary load test is successful, then apply the proof test load to the supporting anchors. 1.25 x 4.28kN = 5.35kN 'pull out'.
• Should the test load fall below the above figures, then the tying configuration to be re-evaluated.

SG4:22
The scaffolders MUST erect the scaffolding in accordance with the guidance notes set out in SG4:22

LADDER ACCESS
LADDER ACCESS TO BE INSTALLED IN ACCORDANCE WITH SG25:20 (omitted for clarity)

PEDESTRIAN PROTECTION
PROTECTION TO THE PUBLIC MUST BE MAINTAINED IN ACCORDANCE WITH SG34:17 & TG20:21

RISK
ALL DECKS 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

METRIX SYSTEM SCAFFOLD
Exact standard locations may vary on site, however max bay lengths (2.5m) & widths (1m) must not be exceeded. Metrix system scaffold must be erected & dismantled in accordance with manufacturers guidelines & recommendations

METRIX SYSTEM SCAFFOLD
Metrix system scaffold must be erected & dismantled in accordance with manufacturers guidelines & recommendations

DIMENSIONS
LIMITED SURVEY DRAWINGS SUPPLIED THEREFORE ALL BUILDING DIMENSIONS ARE APPROXIMATE. ALL DIMENSIONS TO BE CHECKED PRIOR TO ERECTION

RISK
Principal contractor to confirm ground is capable of supporting imposed loads

RISK
Principal contractor to confirm structure is capable of supporting imposed loads

RISK
Scaffold operatives must have a safe system of work in place when working on leading edges to ensure they are clipped on at all times

Notes:

This drawing is confidential and is the exclusive property of BDS Ltd. No unauthorised use, copy or disclosure is to be made, and is to be returned upon request.

The customer should check that we have correctly interpreted his/her requirements, and that all loadings, details, erection & dismantling sequences etc, are correct and practicable.

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 Timber Boards
- BS EN 12811-1 Codes of Practice for Access and Working Scaffolds and Special Scaffold Structures in Steel
- BS EN 12812-1:2008 Falsework: Performance requirements & general design
- TG20:21 Guide to Good Practice for Scaffolding with Tube and Fittings
- 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.

MAXIMUM LOADINGS

Independent - 1no. Lift - 2kN/m² (200kg/m²)

Independent - 1no. Lift - 1kN/m² (100kg/m²)

All inside decks at - 0.75kN/m² (75kg/m²)

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

Please print all drawings in colour A3 min

Drawing not to scale

dimensions as per drawing



Project: Ryland Building, Manchester

Drawing Title: High Street Elevation Access Scaffold

Drawn by: Matthew Bracken
Signed: M. Bracken
Draft: 13/10/2023
Approval: 30/11/2023
Construction: 04/12/2023

Calculations by: Brad Charles
Signed: B. Charles
Approval: 30/11/2023
Construction: 04/12/2023

Checked by: Mike Brown
Signed: M. Brown
Draft: 13/10/2023
Approval: 30/11/2023
Construction: 04/12/2023

Drawing No. BDS-10314-01

Revision B

Revisions:		
A	Revised Drawing Inline With Email Dated 24/11/2023	30/11/2023
B	Drawing Issued For Construction	04/12/2023
C	N/A	N/A
D	N/A	N/A
E	N/A	N/A