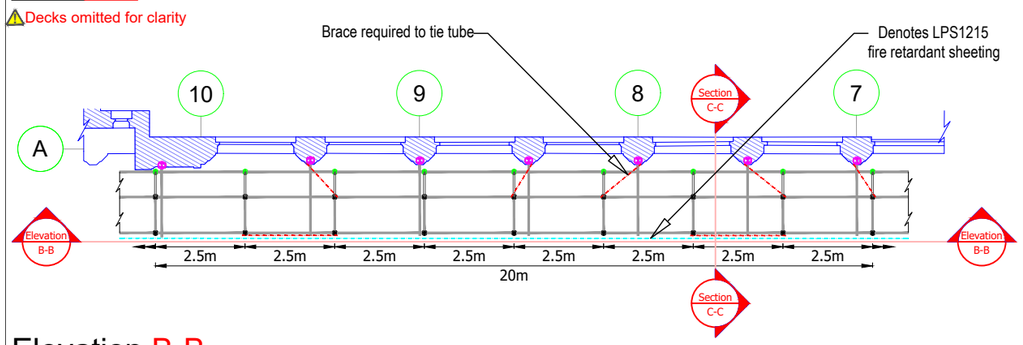
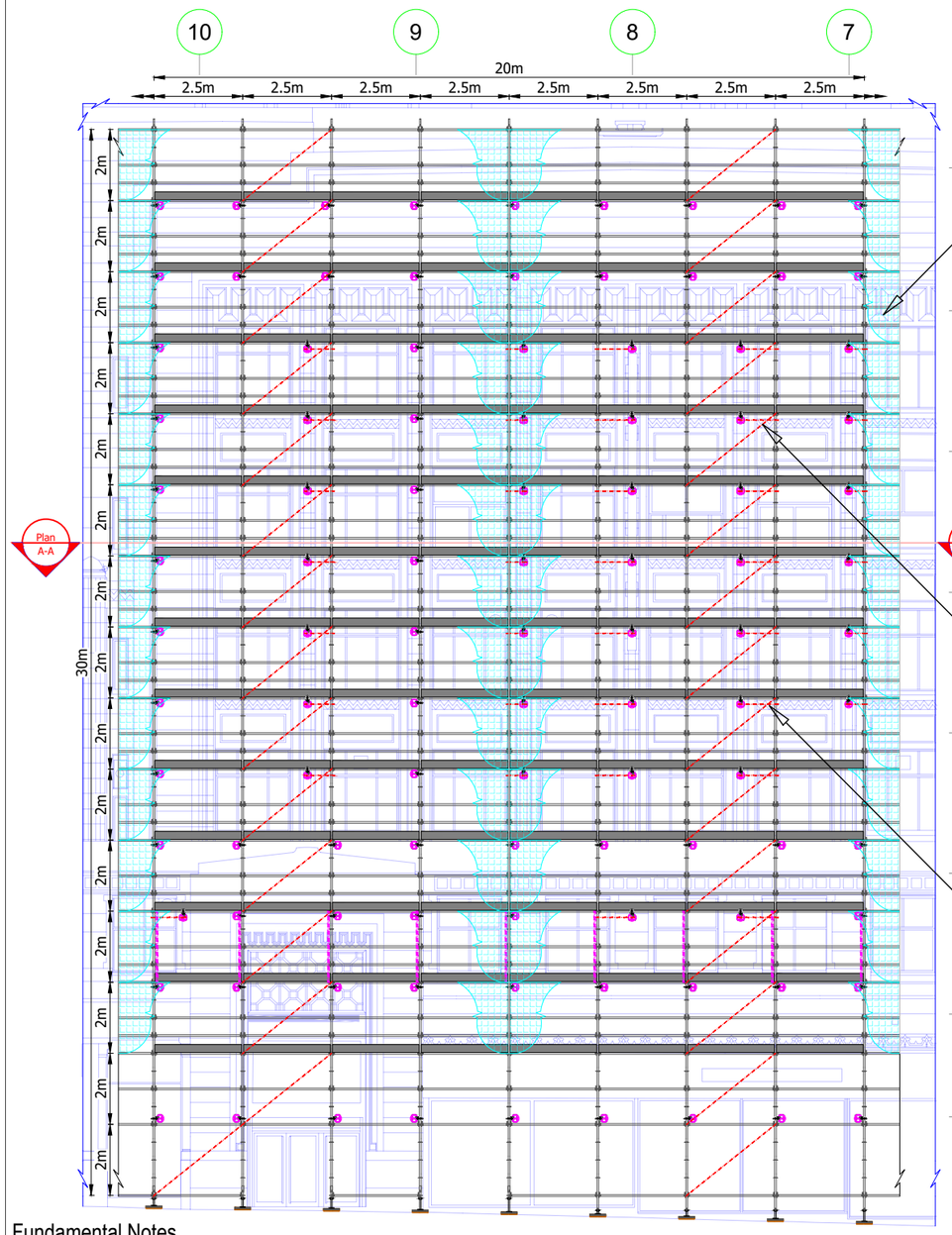
Plan A-A

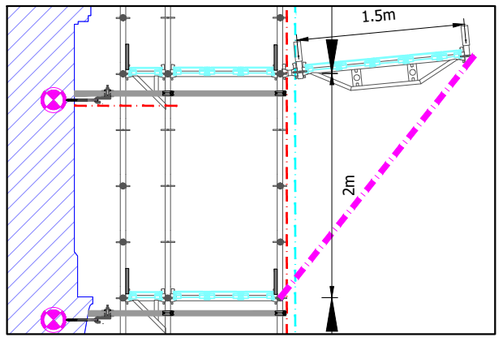
Decks omitted for clarity



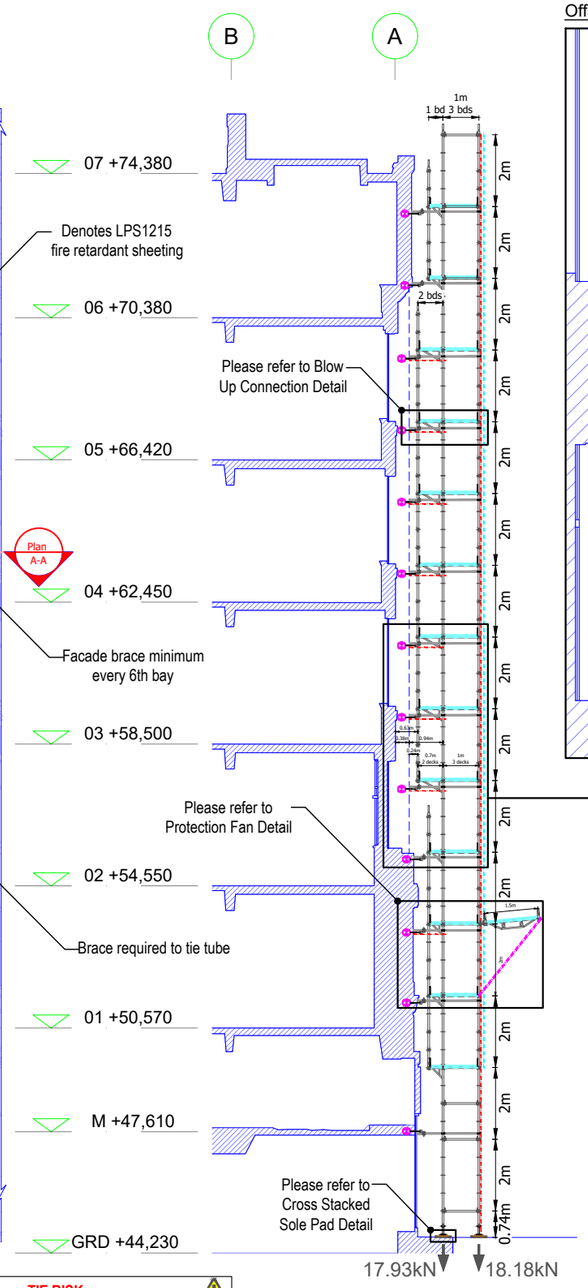
Elevation B-B



Protection Fan Detail



Section C-C

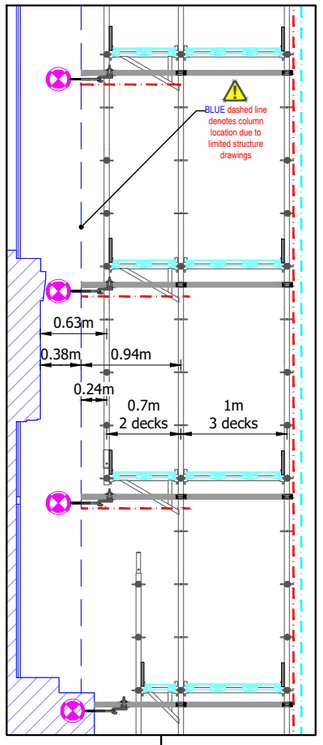


Legend

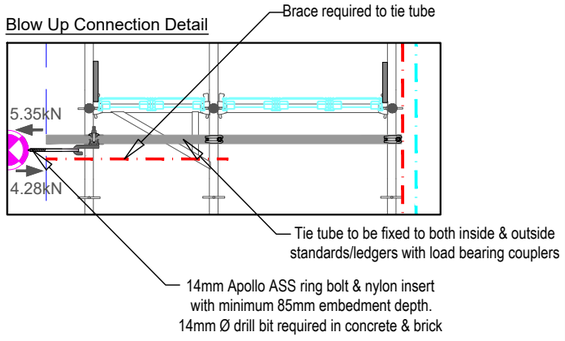
- Tube
- FR Sheeting
- Spur/Pull Back Raker
- Bracing
- Standard
- Puncheon
- 14mm Apollo ASS Ring Bolt

Scaffold to be clad with LPS1215 fire retardant sheeting

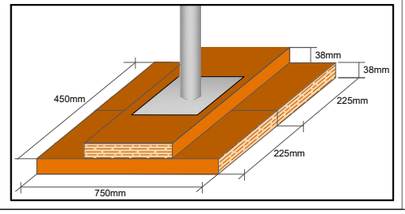
Offset Detail



Blow Up Connection Detail



Cross Stacked Sole Pad Detail



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

TIE RISK

EXACT TIE LOCATIONS TO BE CONFIRMED ON SITE, CURRENT LOCATIONS SHOWN INDICATIVELY. TIES MUST BE INSTALLED WITH AN ADEQUATE CLEARANCE FROM ALL DECORATIVE/ARCHITECTURAL FEATURES

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 LOADING 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

Construction Issue

Client:

CONNOLLY Scaffolding Ltd

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

Project: Ryland Building, Manchester
Drawing Title: High Street Elevation Access Scaffold

Drawn by: Matthew Bracken	Draft: 13/10/2023
Signed: M.Bracken	Approval: 30/11/2023
	Construction: 31/07/2024
Calculations by: Brad Charles	
Signed:	Approval: 30/11/2023
	Construction: 31/07/2024
Checked by: Mike Brown	Draft: 13/10/2023
Signed:	Approval: 30/11/2023
	Construction: 31/07/2024

Drawing No. BDS-10314-01
Revision C

Drawing Scale: N/A

Revisions:

A	Revised Drawing Inline With Email Dated 24/11/2023	30/11/2023
B	Drawing Issued For Construction	04/12/2023
C	Tie Information Introduced	31/07/2024
D	N/A	N/A
E	N/A	N/A