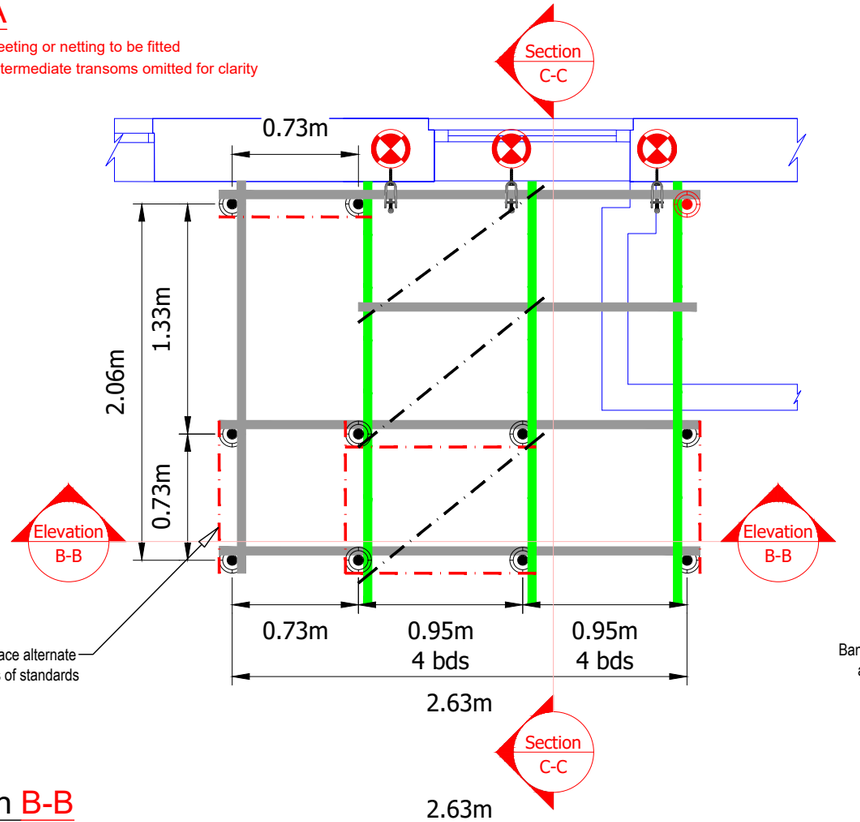
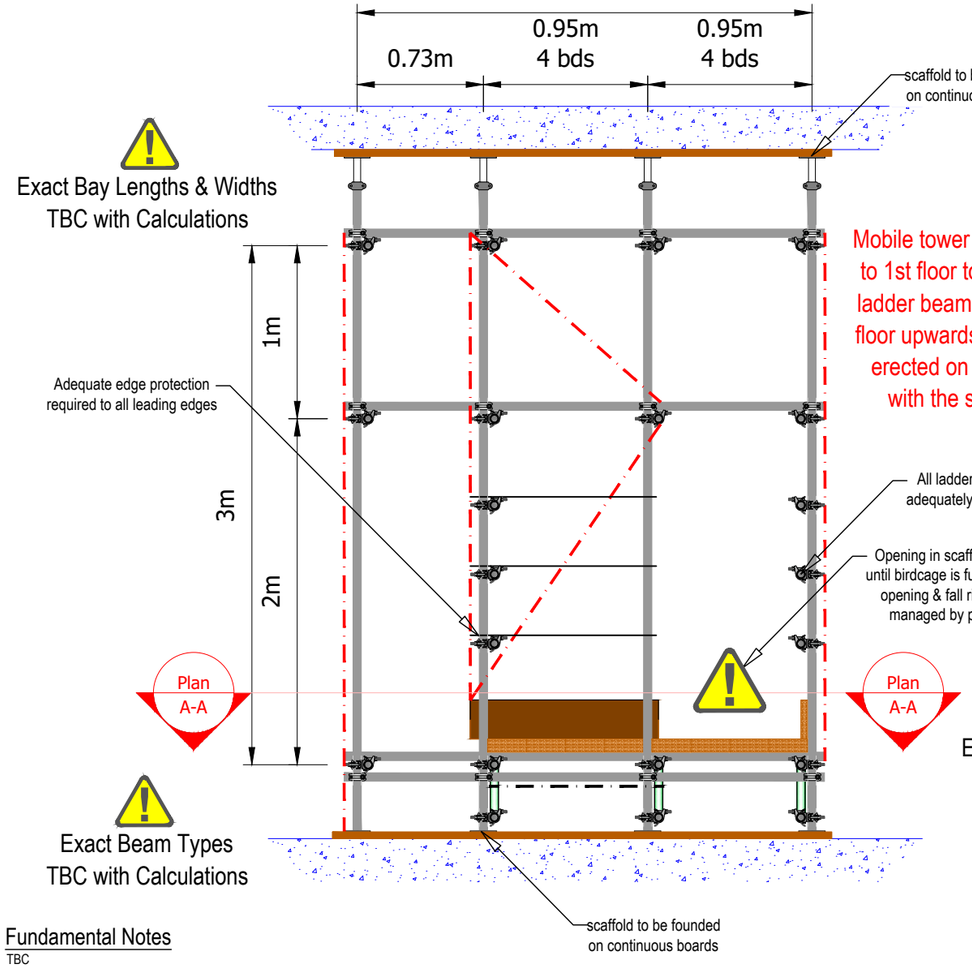
Plan A-A

⚠No banners, sheeting or netting to be fitted
⚠Boarding and intermediate transoms omitted for clarity



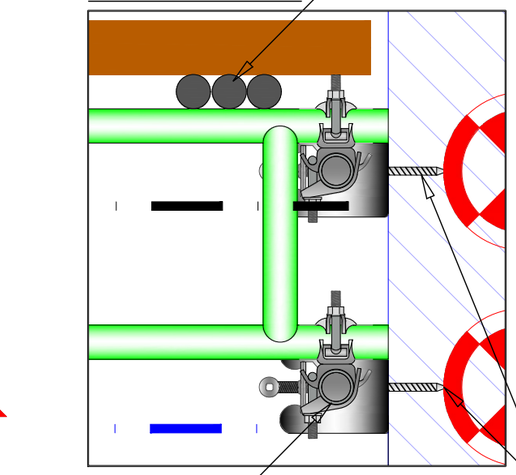
Elevation B-B



Fundamental Notes

TBC

Shear Tie Connection Detail



BAND & PLATE TIE, BOLT SPECIFICATION

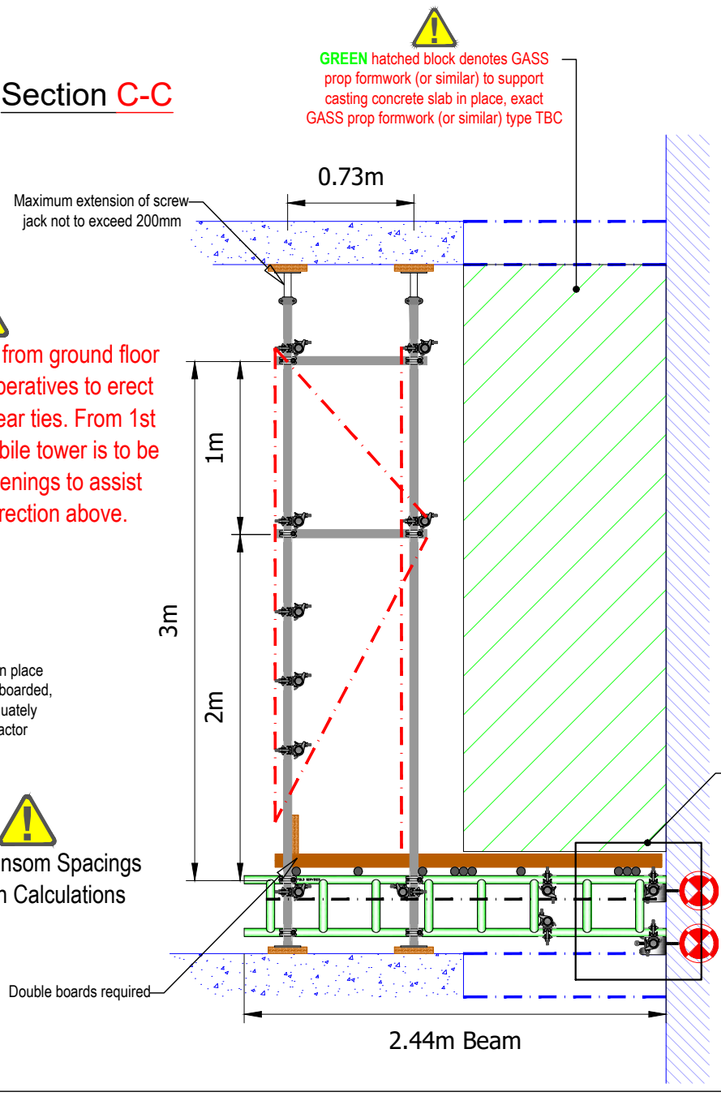
Band & Plate tie arrangements MUST be fixed to the wall, inline with the tie details below:

- Bolt Type: ADI, CSB Self Tapping Concrete Bolt
- Bolt Size: 130mm (length) - 12mm Ø Diameter
- Minimum Hole Depth: 115mm
- Minimum Embedment Depth: 90mm
- Bolt SWL: (shear) 20.25kN per bolt - (tension): 9.50kN
- Spacing Distance: Minimum 160mm (shear) - 90mm (tension)
- Edging Distance: Minimum 300mm (shear) - 80mm (tension)

TG4:25 (BAND & PLATE TIE, BOLT TESTING REQUIREMENTS) (Shear)

- Preliminary Load Test - ADI CSB anchor bolt to 2 x TBC = TBC
- Should the test load fall below the above figures, then the tying configuration needs to be re-evaluated.

Section C-C



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.

TG4:25

Scaffold tie arrangements must be erected/tested in accordance with the guidance notes set out in TG4:25 (Anchorage Systems for Scaffolding)

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

RISK

NO BANNERS, SHEETING OR NETTING TO BE FIXED TO THE SCAFFOLD

CLASS B COUPLERS

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

DIMENSIONS

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

RISK

Principal contractor to confirm structure is capable of supporting imposed loads

RISK

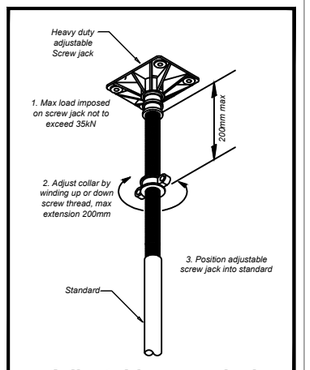
Scaffold operatives must have a safe system of work in place when working on leading edges to ensure they are clipped on at all times

RISK

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

RISK

Mobile tower to be erected/dismantled in accordance with manufactures guideline & recommendations



Adjustable screw jack

Legend

- *Tube*
- *Ladder Beam*
- *Beam Bracing*
- *Bracing*
- *Standard*
- *Puncheon*
- *Band & Plate Shear Tie*

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:
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
Birdcage - 1no. Lift - 1.5kN/m² (150kg/m²)
(For Erecting & Dismantling Purposes)

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

Digital Drawing

Draft Only

Client:

CubicWorks

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Project: Winters Building, Manchester, M2 7PW
Drawing Title: Item 5 - Internal Riser Infill
Drawn by: Hayden Allan Draft: 11/06/2026
Signed: [redacted] Approval: Construction:
Calculations by:
Signed: Approval: Construction:
Checked by: Joe Rigby Draft: 11/06/2026
Signed: [redacted] Approval: Construction:
Drawing No. 11743-5
Page No. 1
Drawing Scale: N/A
Revisions: