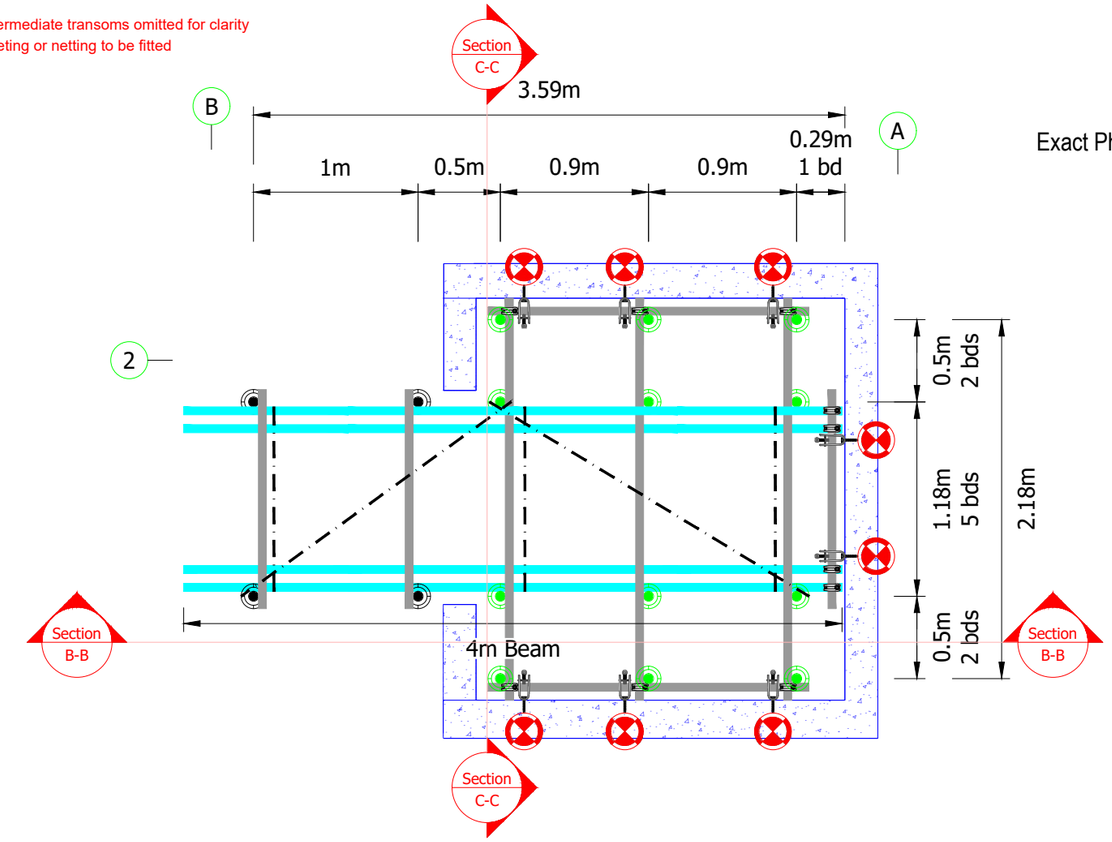
Plan A-A

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



Exact Phase of Work TBC

Notes - 450mm deep LAYHER 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).
- Chord bracing required at max 2m centres
- When lacing multiple beams lacing tube must be fixed to all beams.
- Beams must be joint together with proprietary spigots / nuts & bolts

Concrete slab depth assumed to be 0.3m TBC by the Principal Contractor prior to approval stage

Exact Bay Lengths & Widths TBC with Calculations

Exact Transom Spacings TBC with Calculations

Exact Beam Types TBC with Calculations

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.

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

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

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

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

BAND & PLATE TIE, BOLT SPECIFICATION
Band & Plate tie arrangements MUST be fixed to the concrete 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 (SHEAR TIE TESTING REQUIREMENTS)

- Preliminary Load Test - This anchor to 2 x TBC = TBCIf the preliminary load test is successful, then apply the proof test load to the supporting anchors. 1.25 x TBC = TBC 'pull out'.
- Should the test load fall below the above figures, then the tying configuration to be re-evaluated.

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.

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

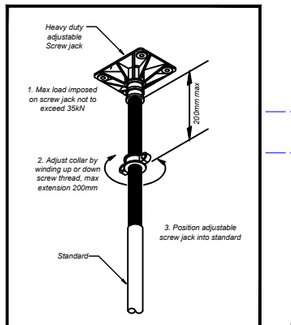
RISK
Principal contractor to confirm ground is capable of supporting imposed loads

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

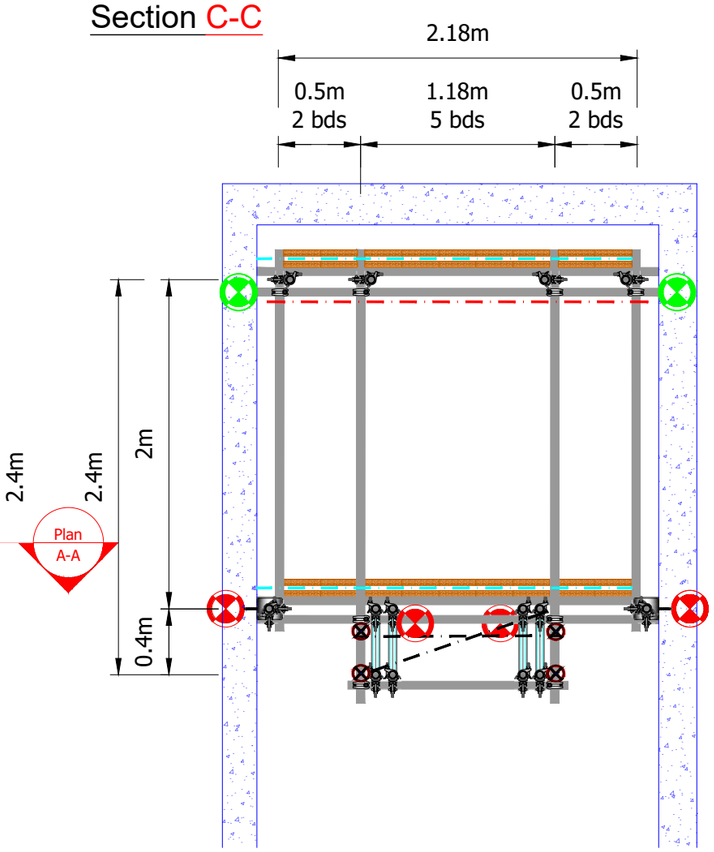
HAZARD
SCAFFOLD OPERATIVES MUST WEAR DOUBLE LANYARD HARNESSES WHEN ERECTING CANTILEVERED SECTION, TO ENSURE THEY ARE CLIPPED ON AT ALL TIMES

Section B-B



Adjustable screw jack

Section C-C



Legend

- *Tube*
- *450mm Beam*
- *Beam Bracing*
- *Bracing*
- *Visqueen*
- *Standard*
- *Puncheon*
- *Band & Plate Shear Tie*
- *Contact Point*
- *Check Coupler*

Fundamental Notes

TBC

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
Crash Deck - 1no. Lift - 10kN/m² (1,000kg/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

Digital Drawing

Draft Only

Client:

CubicWorks

BDS BUCKLEY DESIGN SOLUTIONS | SCAFFOLD DESIGN SPECIALISTS

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Project: Winters Building, Manchester, M2 7PW

Drawing Title:
Item 6 - Lift Shaft Access and Protection Deck

Drawn by: Alex Murphy Draft: 04/06/2026
Signed: [redacted] Approval:
Construction:

Calculations by:
Signed [redacted] Approval:
Construction:

Checked by: Joe Rigby Draft: 04/06/2026
Signed: [redacted] Approval:
Construction:

Drawing No. 11743-6
Page No. 1

Drawing Scale: N/A

Revisions: