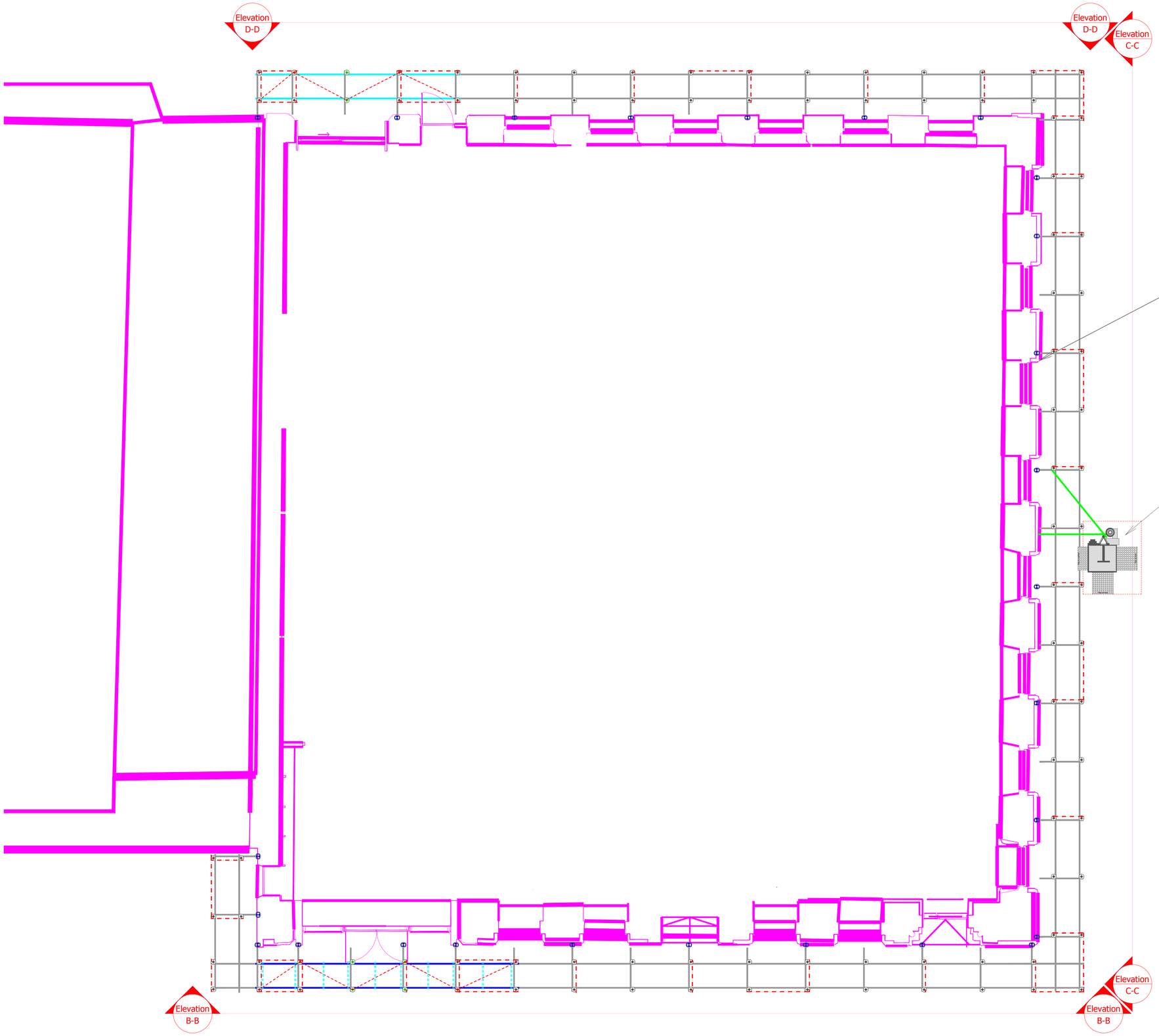
Plan at A-A

⚠Boarding, lacing tubes and intermediate transoms omitted for clarity



Legend

- Tube
- 300mm ladder beam
- 450mm Apollo beams
- 750mm Apollo beams
- Sheeting/Shrinkwrap sheeting
- Debris netting
- Double boards and Visqueen
- Cordex and Visqueen
- Ledger bracing
- Facade bracing
- Plan bracing
- Knee bracing/spurs
- X section bracing
- Standard
- Puncheon
- Hanger
- Girder coupler tie (pairs)
- Band and plate shear tie
- 12mm Apollo tie
- Box tie
- Suspension point
- Check fitting

LEA TECHNICAL DESIGN SERVICES

⚠ Use load bearing couplers at all connections except board bearers

⚠ Bearing points (Ground, Roof, suspension points etc) must be adequate to carry the imposed loads

⚠ Between standards– Max 1 working lift at 2kN/m² (200kg/m²)

⚠ On inside boards or hop ups–Max 1 working lift at 0.75kN/m² (75kg/m²)

Attention is drawn to the following notes

1) Ground, bearing points, tie points and sole boards must be adequate to support the imposed loads – MC to confirm
2) A safe working platform must be used during erection and dismantling. Temporary platforms may be required to erect/dismantle this scaffold and should be highlighted in the scaffold contractors Risk Assessment and Method statement
3) Edge protection must be fitted to all openings
4) All dimensions must be checked on site prior to works commencing
5) Protection for pedestrian and vehicular traffic must be provided
6) Protection to the scaffold from impacts must be considered
7) Scaffold contractor to work to TG 20:21 and SG4:15

⚠ Please print out all drawings in colour A

Drawing not to scale

dimensions as per drawing

Working Drawing- Client to approve loads on structure and ground prior to erection

Drawing no: 1345/1	Rev: None	Date: 07/10/2022	
Site:	Free Trade Exchange, Manchester		
Description:	Independent access scaffolding with beam spans		
Altitude: 50m	In Town	Cc Table E1 2.20	Vmap:
Shoreline: >=10km		Date: 07/10/2022	22.5m/s
Drawn by: TL		Checked by: JL	
Signature:		Signature:	
Draft issued: 19/07/2022	Initial draft		
Amended on: 28/07/2022	28/08/2022		–Develope
Issued Working: 07/10/2022	Working drawings issued	Issued for F002&3	
Revision A	None		n/a
Revision B	None		n/a
Revision C	None		n/a

Notes

Independent

1. Max lift heights– 2.7m, Max bay length– 2m, Max bay width– 4 boards (1m).
2. Max transom spacing– 1.2m

General notes

3. All connections except board bearers to be made using load bearing fittings
4. 450mm beams– Plan brace top chord of beams and lace top and bottom chords at 1m centres. Use proprietary connectors and pins for connecting beams together.
5. 750mm beams– Plan brace top chord of beams, lace top and bottom chords at 1m centres and section brace at 1m centres. Use proprietary connectors, spacer washers to top chord and pins for connecting beams together.
6. Max tie grid– 16m²

RISQS RAILWAY INDUSTRY SUPPLIER QUALIFICATION SCHEME

CHAS

smas safety | management | advisory | services