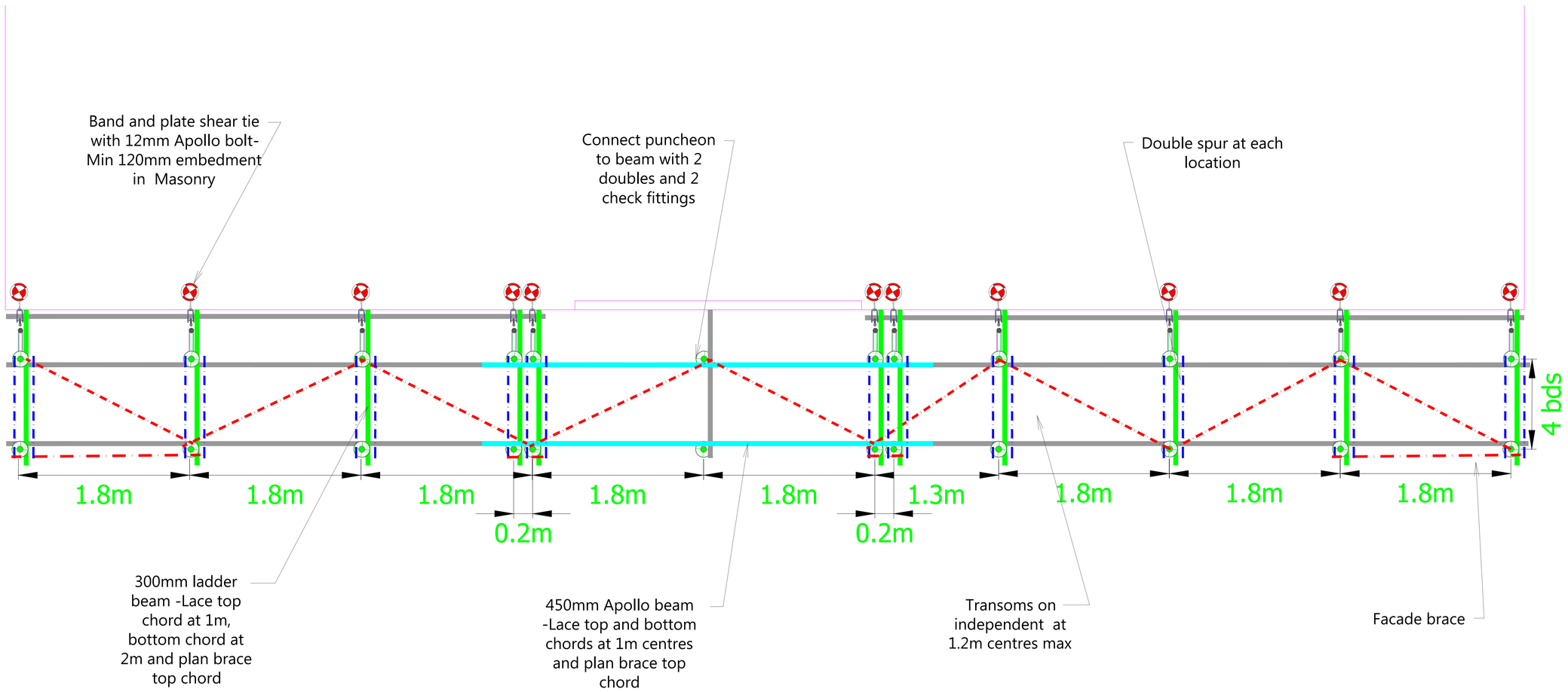
Plan at A-A

⚠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

SG4:22

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

TG4:19

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

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 approval code of practice.

PEDESTRIAN PROTECTION

PROTECTION TO THE PUBLIC MUST BE MAINTAINED IN ACCORDANCE WITH SG34:17 & TG20:22

LEA SCAFFOLDING & ACCESS

⚠ 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 1.5kN/m² (150kg/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 SG4:22

⚠Please print out all drawings in colour A3 min

Drawing not to scale

dimensions as per drawing

Drawing for approval only

Drawing no:	1002/ 1	Rev: None	Date: 19/12/2023
Site:	Arthur House, Manchester		
Description:	Cantilever access scaffolding from narrow pavement		
Altitude:	50m InTown	Cc Table E1 :	2.85 Vmap: 22.5m/s
Shoreline:	>=10km	Date:	19/12/2023
Drawn by:	TL	Checked by:	JL
Signature:		Signature:	
Draft issued-	19/12/2023 -Initial draft		
Amended on-			-Developed
Issued Working-	-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- 2m, Max bay length- 1.8m, Max bay width- 4 boards (1m).
2. Max transom spacing- 1.2m

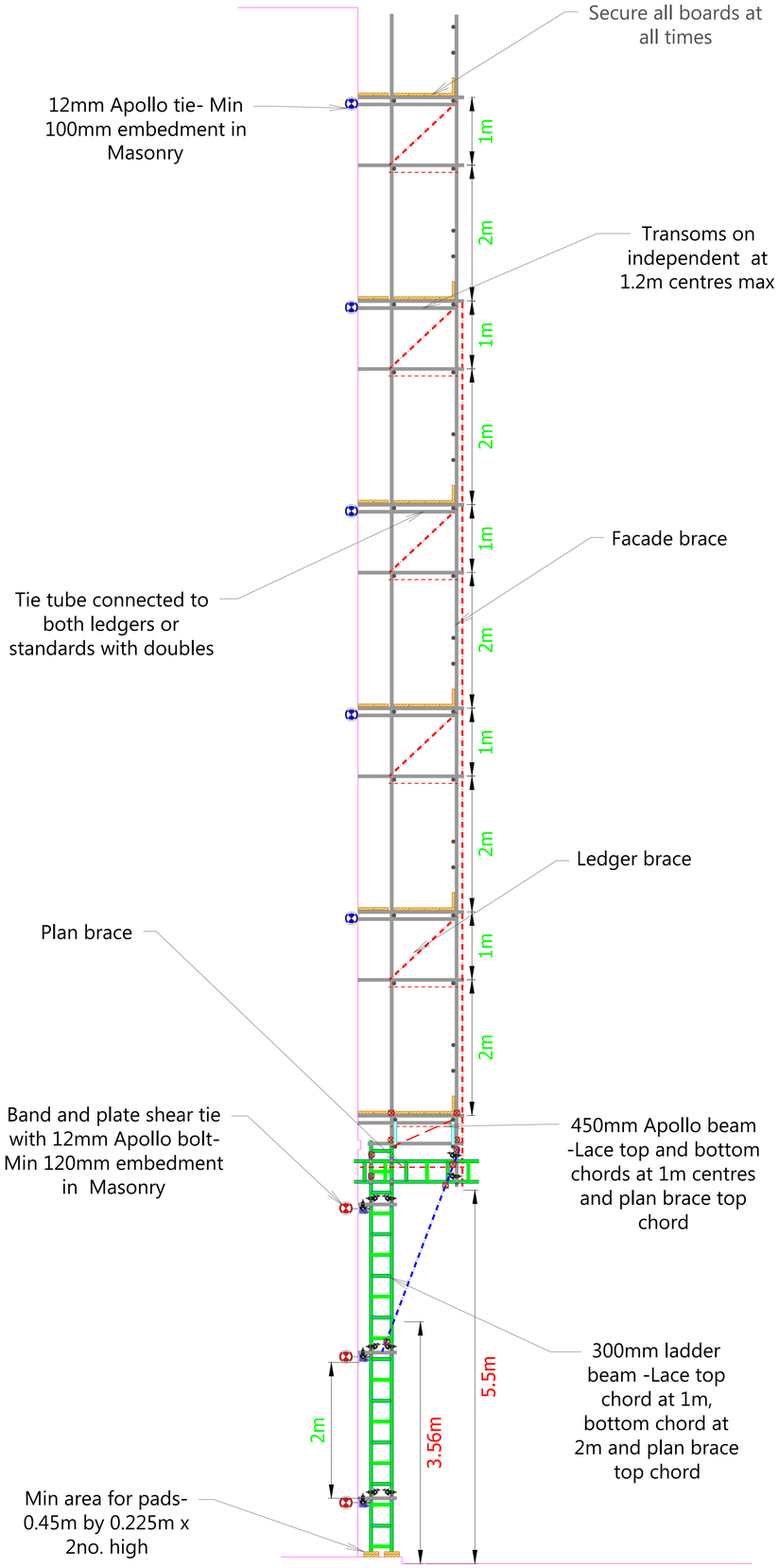
General notes

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. Max tie grid- 10.8m²

LEA TECHNICAL DESIGN SERVICES

Section Through B-B

⚠No Banners, sheeting or netting to be fitted



SG4:22

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

TG4:19

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

CDM REGULATIONS 2015

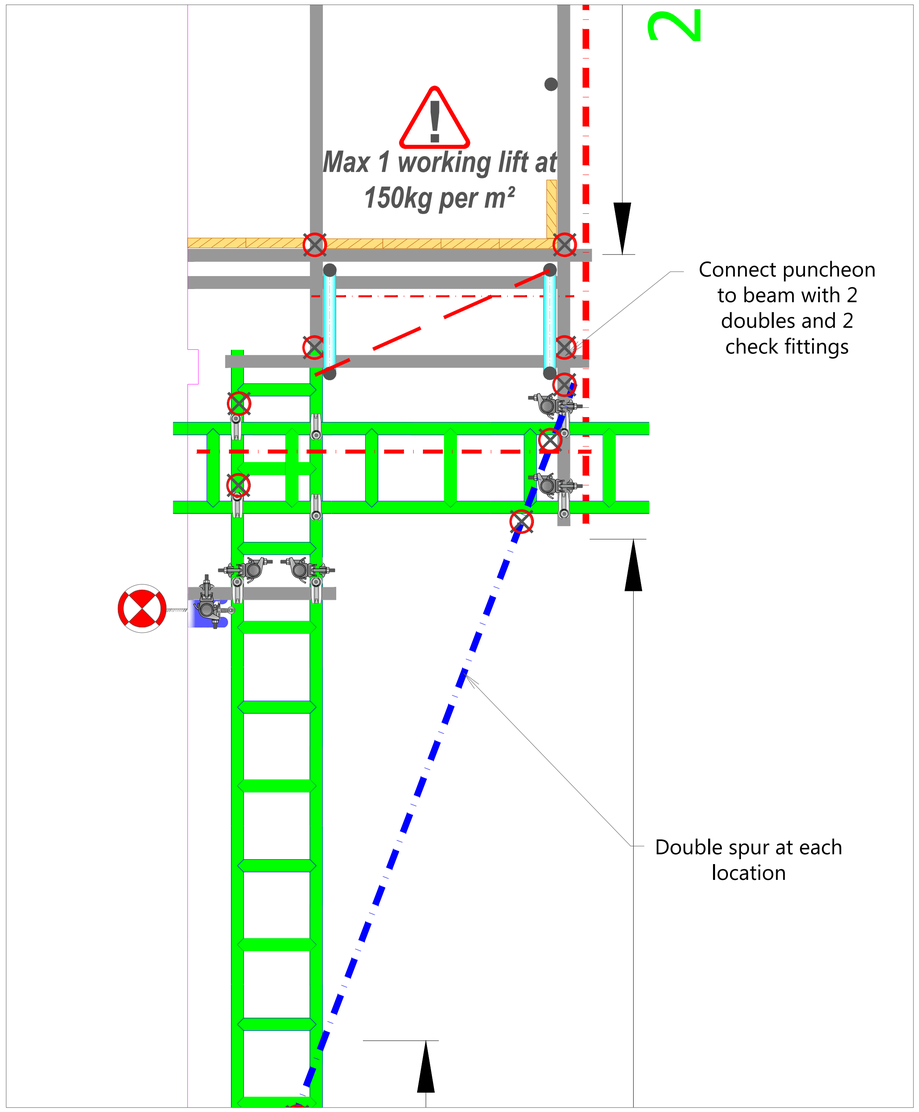
The Construction (design & management) Regulations 2015, Require that we make customers aware of their duties imposed by the regulations. Guidance on your duties are published by the HSE in the form of an approval code of practice.

PEDESTRIAN PROTECTION

PROTECTION TO THE PUBLIC MUST BE MAINTAINED IN ACCORDANCE WITH SG34:17 & TG20:22

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 SCAFFOLDING & ACCESS

⚠ 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 1.5kN/m² (150kg/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 SG4:22

⚠Please print out all drawings in colour A3 min

Drawing not to scale
dimensions as per drawing

Drawing for approval only

Drawing no:	1002/ 2	Rev:	None	Date:	19/12/2023
Site:	Arthur House, Manchester				
Description:	Cantilever access scaffolding from narrow pavement				
Altitude:	50m InTown	Cc Table E1 :	2.85	Vmap:	22.5m/s
Shoreline:	>=10km	Date:	19/12/2023		
Drawn by:	TL	Checked by:	JL		
Signature:		Signature:			
Draft issued-	19/12/2023 -Initial draft				
Amended on-					-Developed
Issued Working-	-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- 2m, Max bay length- 1.8m, 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. Max tie grid- 10.8m²

LEA TECHNICAL DESIGN SERVICES