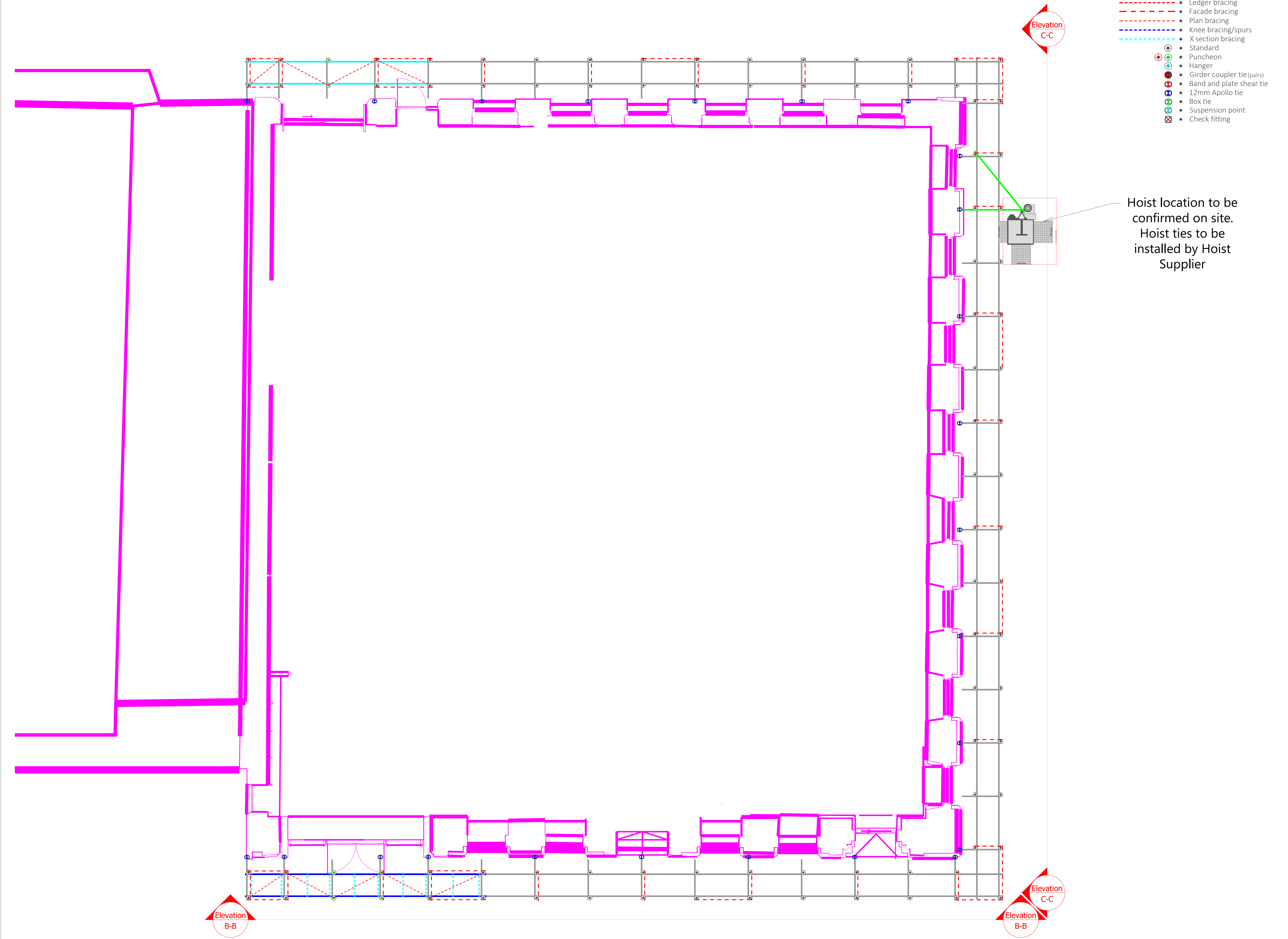




Legend

- Tube
- 300mm ladder beam
- 450mm Apollo beams
- 750mm Apollo beams
- Sheetting/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



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)

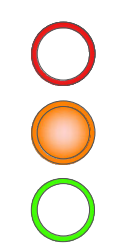
Attention is drawn to the following notes

- 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 scaffolding and should be highlighted in the scaffolding 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 scaffolding from impacts must be considered
- 7)Scaffolding contractor to work to TG 20:21 and SG4:15



Please print out all drawings in colour A3 min

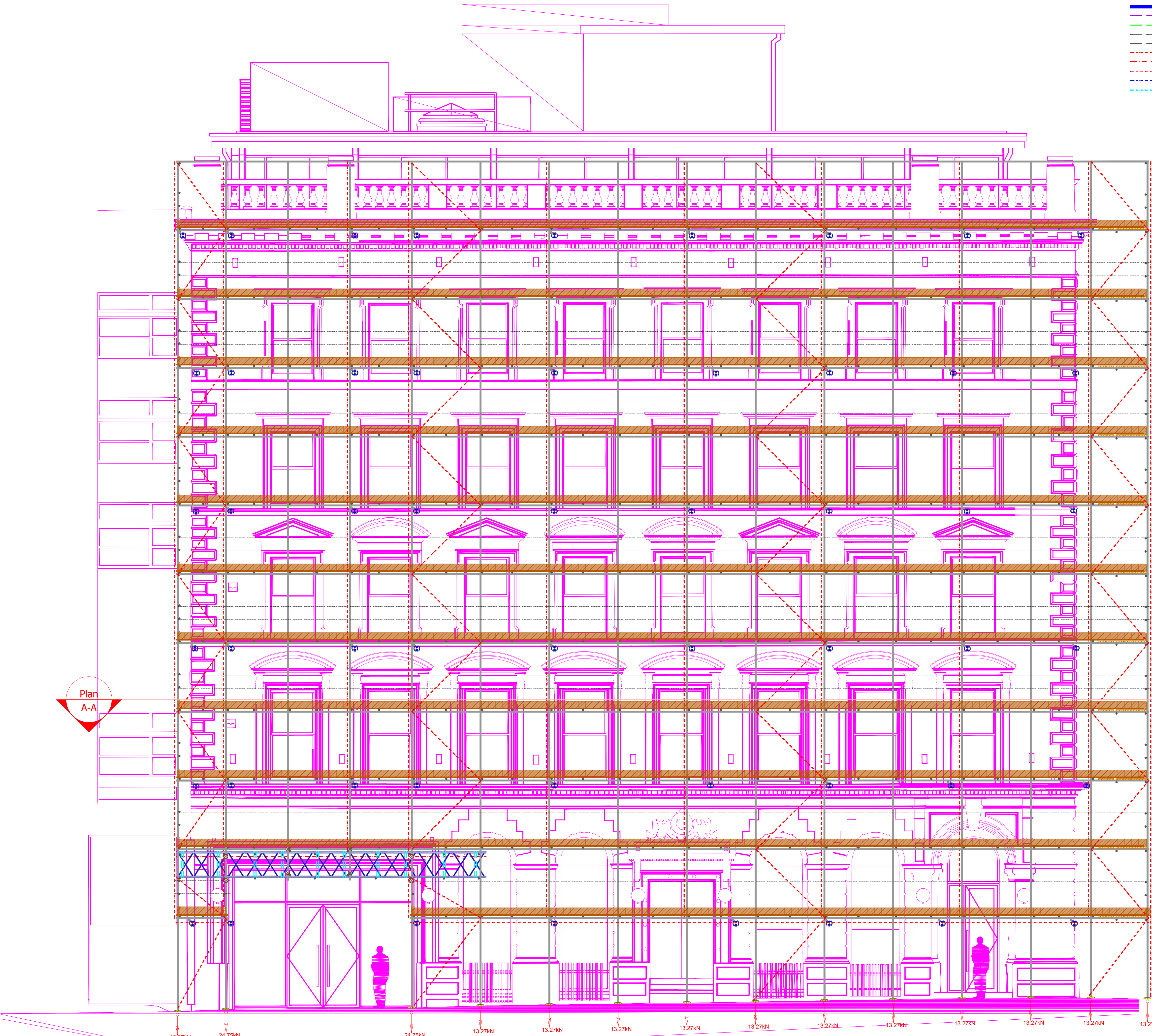
Drawing not to scale
dimensions as per drawing



Drawing for approval only

Drawing no:	1345/ 1	Rev:	None	Date:	28/07/2022
Site:	Free Trade Exchange, Manchester				
Description:	Independent access scaffolding with beam spans				
Altitude:	50m InTown	Cc Table E1 :	2.20	Vmap:	22.5m/s
Shoreline:	>=10km	Date:	28/07/2022		
Drawn by:	TL	Checked by:	JL		
Signature:		Signature:			
Draft issued-	19/07/2022 -Initial draft				
Amended on-	28/07/2022 -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- 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					

Elevation B-B



- Legend**
- Tube
 - 300mm ladder beam
 - 450mm Apollo beams
 - 750mm Apollo beams
 - Sheetting/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

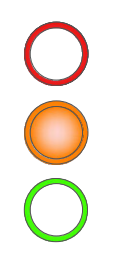
 Use load bearing couplers at all connections except board bearers

 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 A3 min
Drawing not to scale
dimensions as per drawing

  **Drawing for approval only**

Drawing no:	1345/ 2	Rev:	None	Date:	28/07/2022
Site:	Free Trade Exchange, Manchester				
Description:	Independent access scaffolding with beam spans				

Altitude:	50m InTown	Cc Table E1 :	2.20	Vmap:	22.5m/s
Shoreline:	>=10km	Date:	28/07/2022		
Drawn by:	TL	Checked by:	JL		
Signature:		Signature:			
Draft issued-	19/07/2022 -Initial draft				
Amended on-	28/07/2022				
Issued Working-	-Working drawings issued	-Issued for F002&3	-Developed		
Revision A	None				n/a
Revision B	None				n/a
Revision C	None				n/a

Notes

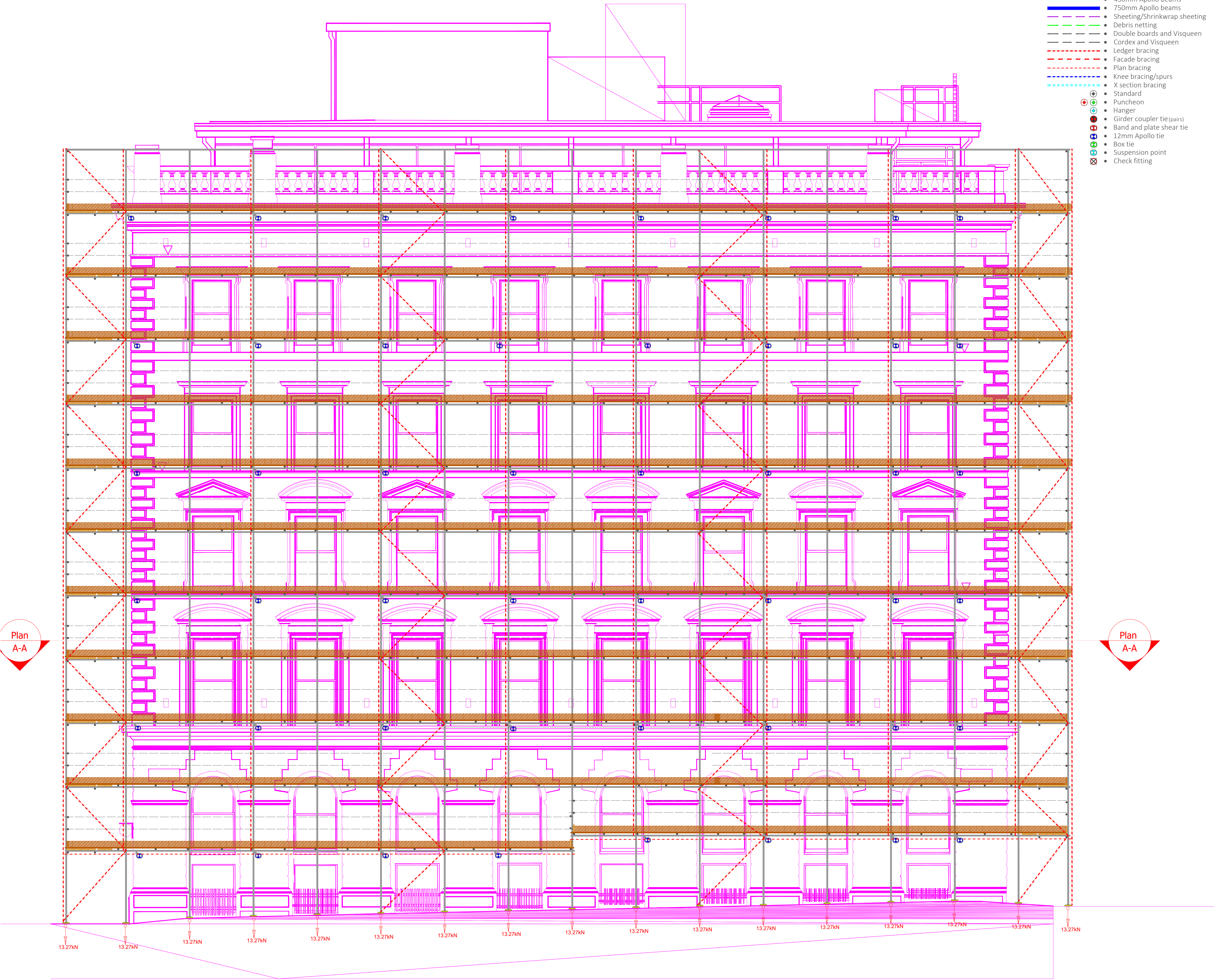
Independent

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

Elevation C-C



Legend

- Tube
- 300mm ladder beam
- 450mm Apollo beams
- 750mm Apollo beams
- Sheetting/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

- 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 scaffolding and should be highlighted in the scaffolding 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 scaffolding from impacts must be considered

7)Scaffolding contractor to work to TG 20:21 and SG4:15

Please print out all drawings in colour A3 min

Drawing not to scale
dimensions as per drawing

Drawing for approval only

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

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

- Legend**
- Tube
 - 300mm ladder beam
 - 450mm Apollo beams
 - 750mm Apollo beams
 - Sheetting/Shrinkwrap sheeting
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 - Double boards and Visqueen
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 - 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
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 - 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 A3 min
Drawing not to scale
dimensions as per drawing

Drawing for approval only

Drawing no: 1345/ 4 Rev:None Date:28/07/2022
Site: Free Trade Exchange, Manchester
Description: Independent access scaffolding with beam spans

Altitude:	50m InTown	Cc Table E1 :	2.20	Vmap:	22.5m/s
Shoreline:	>=10km	Date:	28/07/2022		
Drawn by:	TL	Checked by:	JL		
Signature:		Signature:			
Draft issued-	19/07/2022 -Initial draft				
Amended on-	28/07/2022				-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- 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

Traffic Light System

Issued for Scaffold Contractor and site staff to agree general principles such as SWL, lift positions, etc

Issued to Scaffold Contractor for tender submission only

Issued for checking and for confirmation that the loads on the structure/ground slab etc can be supported

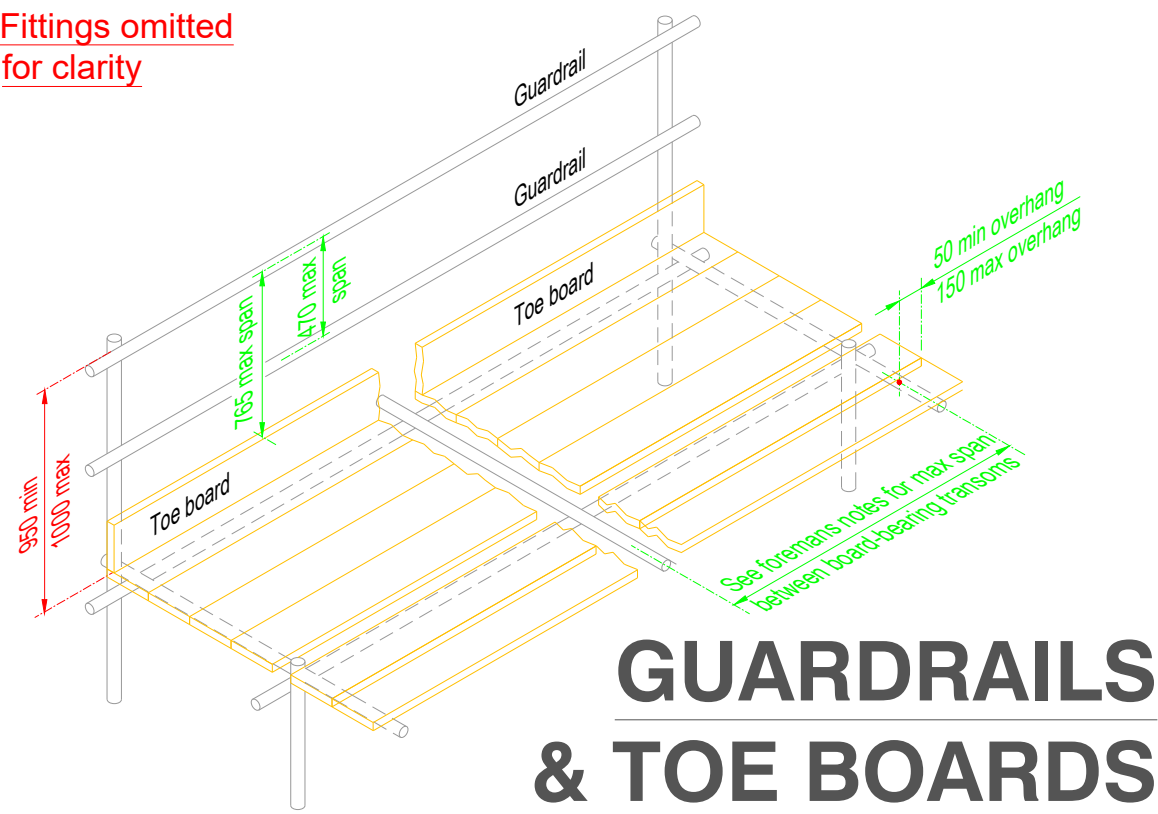
Once the suitability of the structure/ground/slab etc to support the loads shown has been confirmed and design has been passed off then drawings for construction will be issued

Drawing for Discussion only

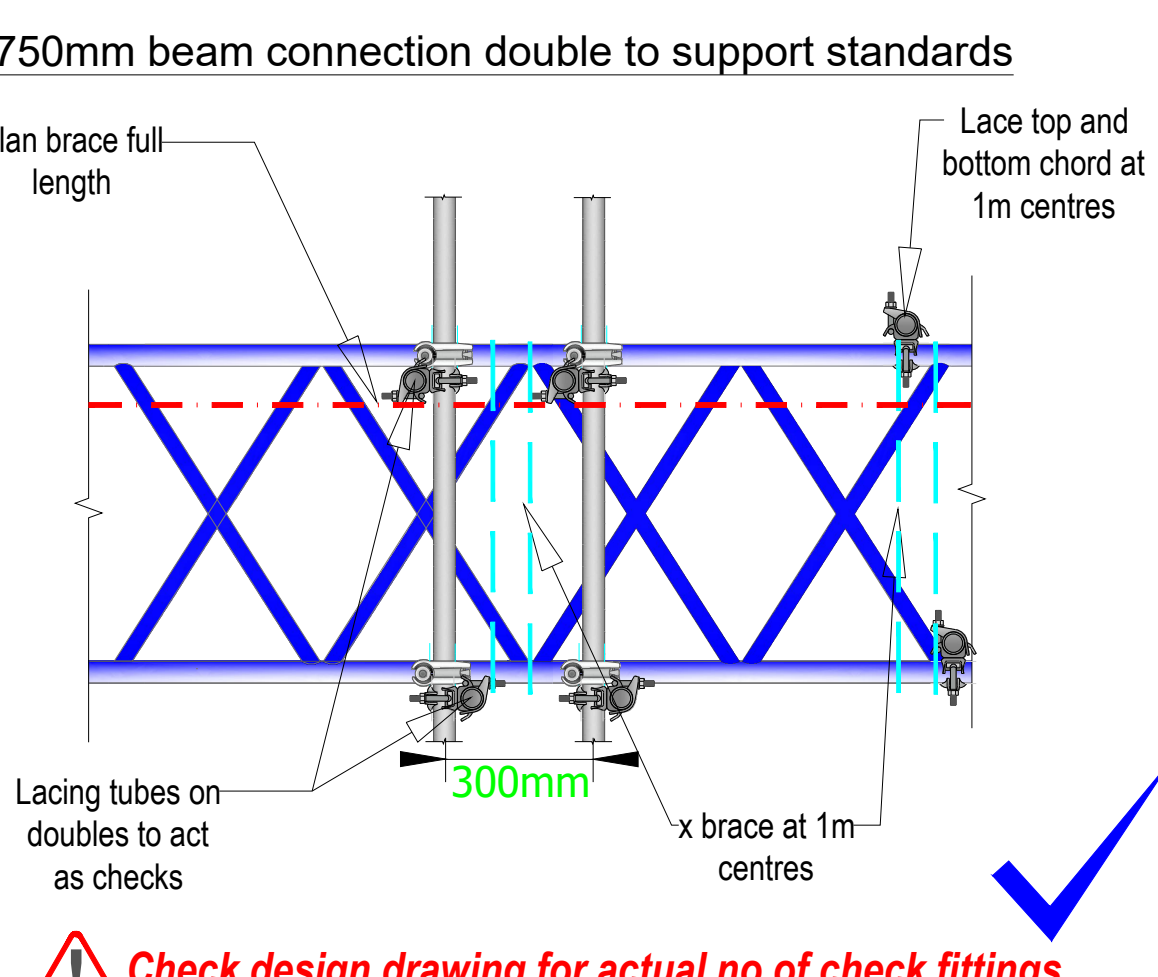
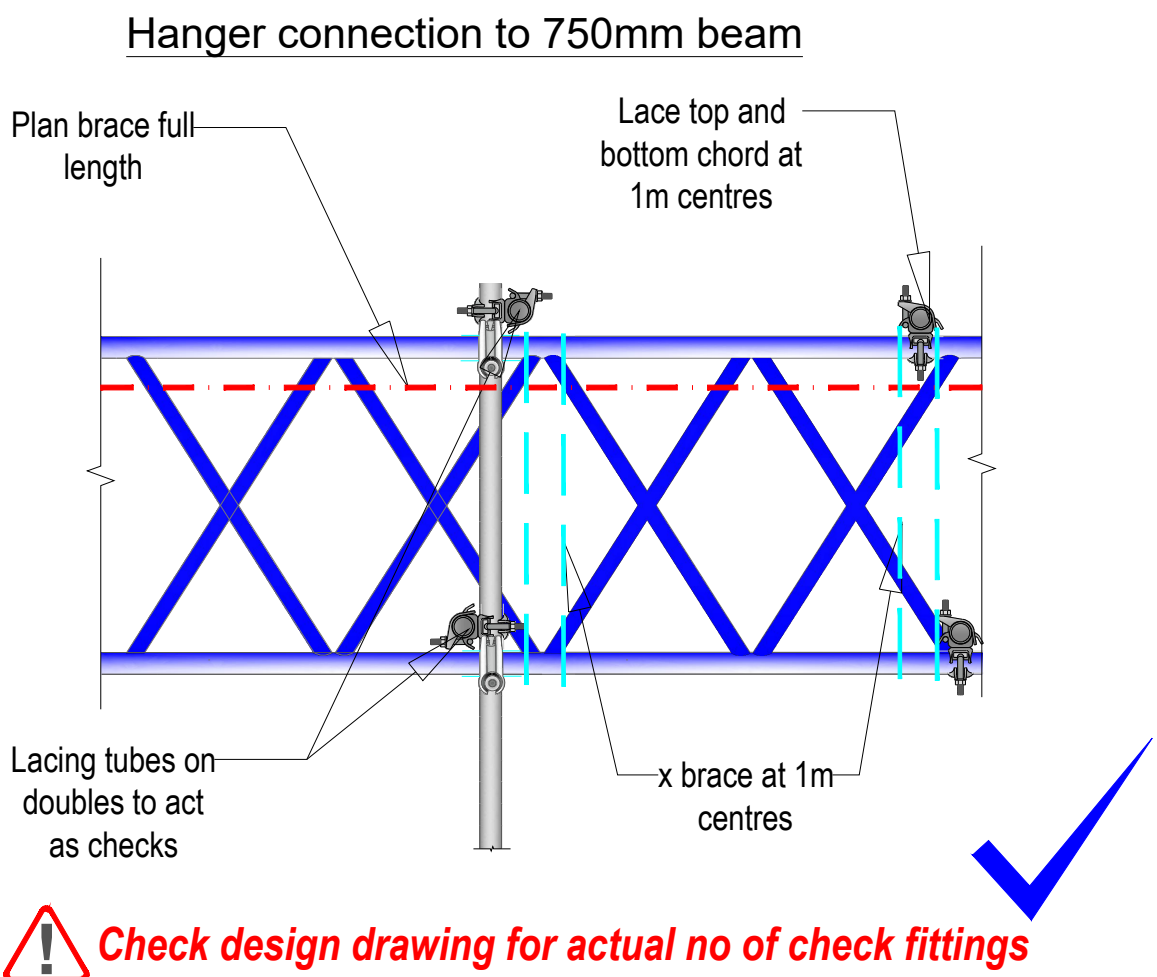
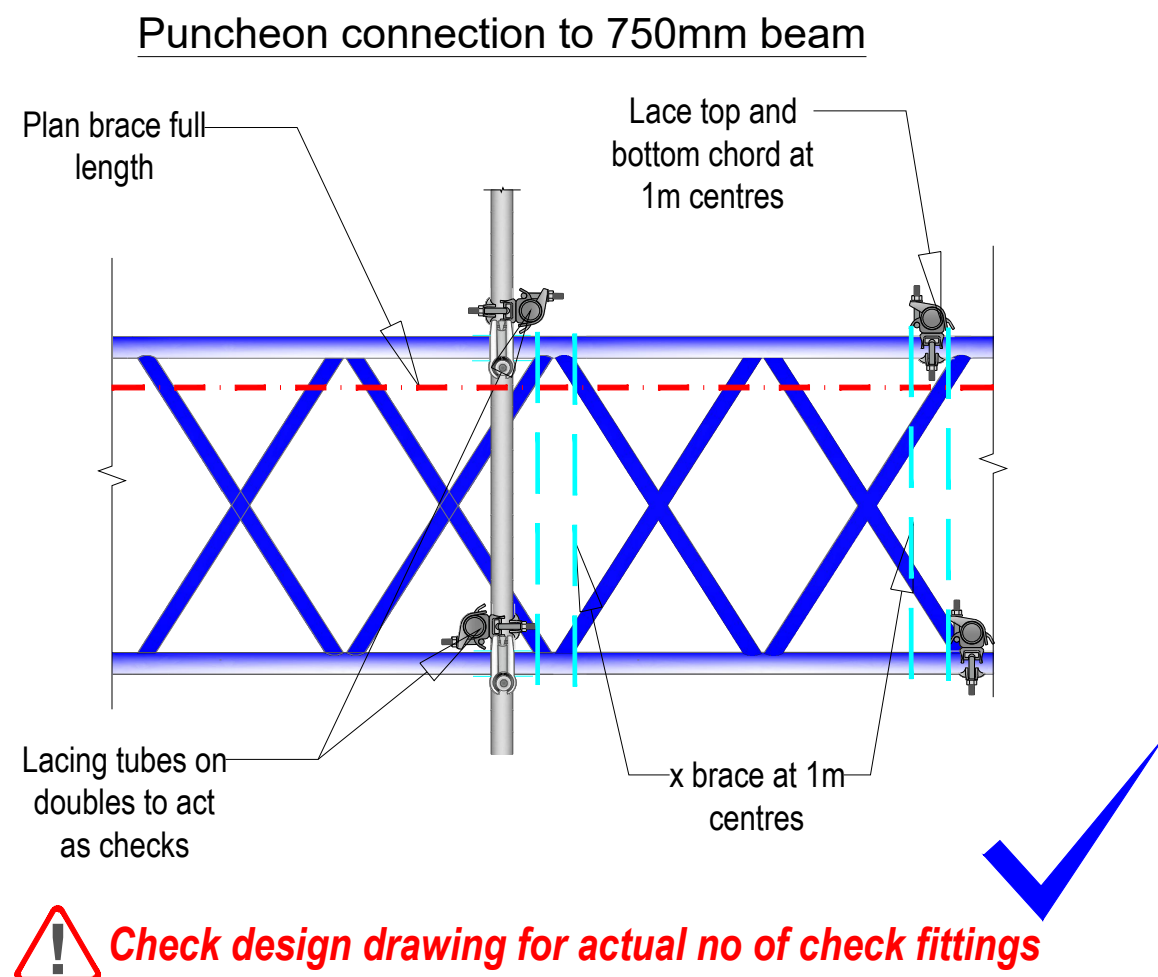
Drawing for Tendering only

Drawing for approval only

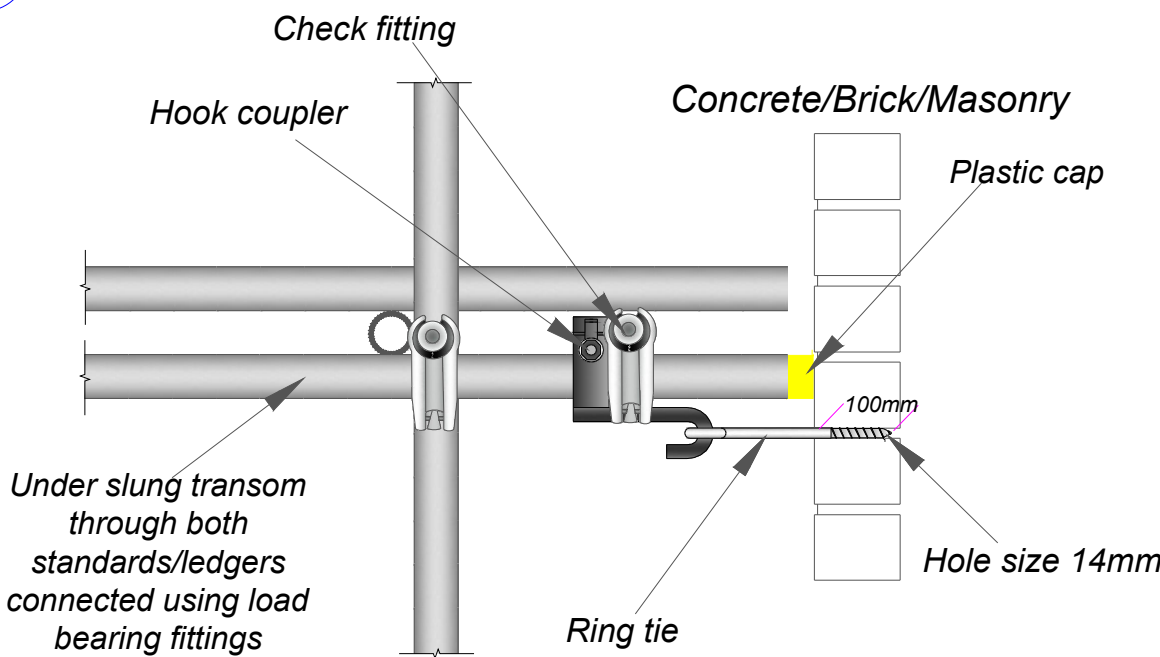
Working Drawing- Client to approve loads on structure and ground prior to erection



GUARDRAILS & TOE BOARDS



Tie 3- 12mm Apollo plastic insert



All fixings fitted and used in accordance with manufacturers recommendations

Independent- Transom Arrangement

