

General Arrangement 1

Area covered by
this design

STANDARD
Scaffolding Specialists Ltd

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

Safe Working Load - Max 1 working lift at 1.5kN/m² (150kg/m²)
On inside boards -Max 1 working lift at 0.75kN/m² (75kg/m²)

- Attention is drawn to the following notes
- 1) Ground, bearing points and tie points must be adequate to support the imposed loads - Principle Contractor 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- if applicable
 - 6) Protection to the scaffold from impacts must be considered
 - 7) Scaffold contractor to work to TG 20:21 and SG4:22) Ties installed and tested as TG 4:19

Please print out all drawings in colour A3 min

Drawing not to scale
dimensions as per drawing

This design remains valid for a maximum of 12 months from the last date of issue unless otherwise stated below

Drawing for approval only

Drawing no : 5493/1 Rev: A Date: 12/09/2025

Site: St Anselm Hall, Kent Rd East, UOM

Description: Temporary Roof over main hall

Altitude: 50m InTown CC Table E1 : 2.65 Vmap: 22.5m/s

Shoreline: >10km PCode : M14 5BX

Design by: Neil Harrison Checked by: Russ Challenger

Signature : 04/11/2025 Draft - Issued for site meeting 5th Nov

10/11/2025 Draft - Issued for site meeting 11th Nov

28/11/2025 AFC - Working design issued for check certificate

30/11/2025 AFC - Working design issued approved for construction

16/12/2025 Rev A Draft - Sketch Issued for tendering

19/02/2026 Approval - Rev A design issued for approval

Notes

Independents

1. Max lift heights- 2m, Max bay length- 2.07m, Typ bay width- 5 boards (1.2m)
2. Max transom spacing- 1m

General notes

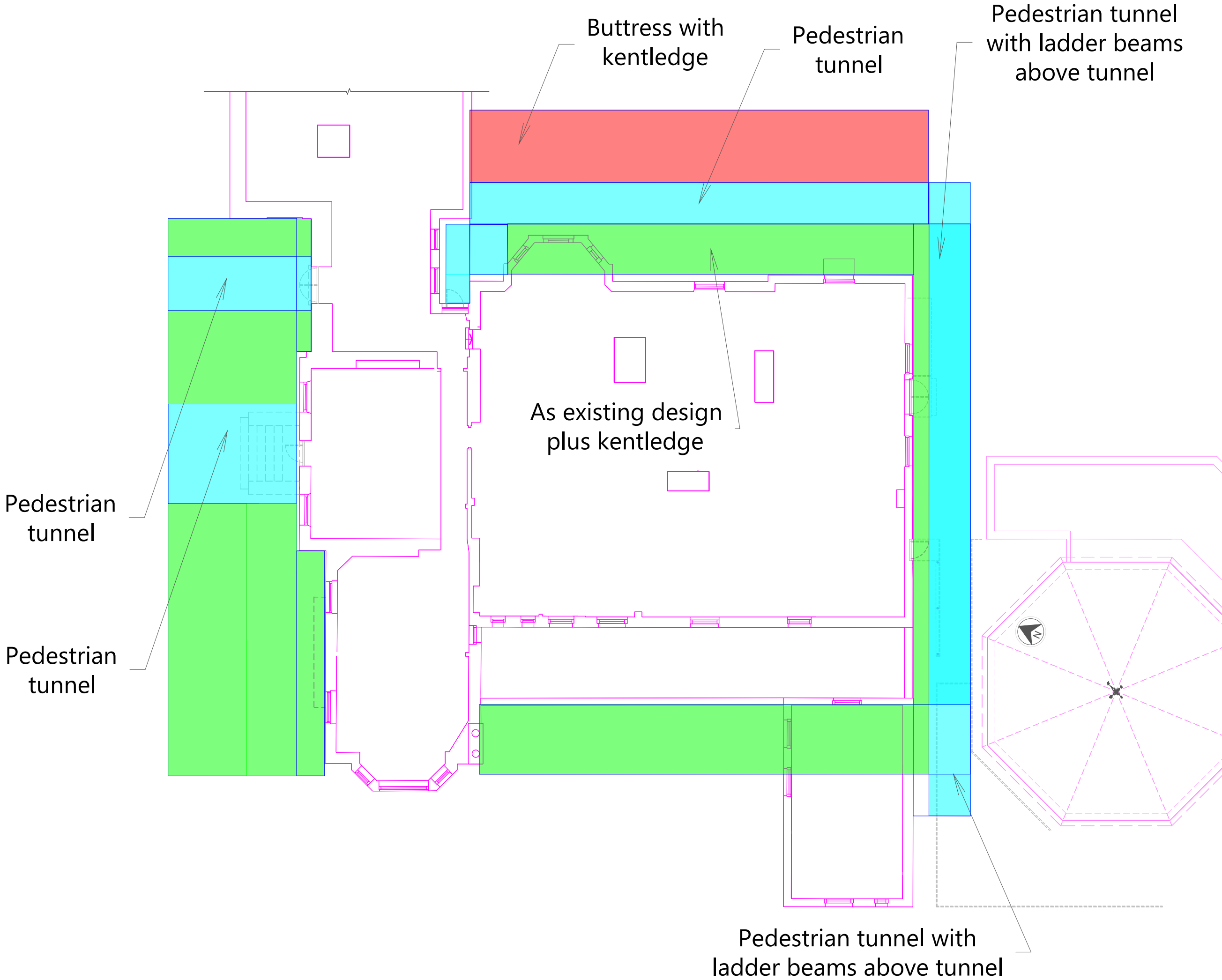
3. All connections except board bearers to be made using load bearing fittings
4. 450mm beams- Plan brace compression chord of beams and lace top and bottom chords at 1m centres.
5. 750mm beams- Plan brace compression chord of beams, lace top and bottom chords at 1m centres and section brace at 1m centres. Use proprietary connectors to connections in both chords with spacer washers to top chord.
6. Max tie grid- Every frame on eaves lift.
7. Splice inside standards supporting roof trusses down to lowest shear tie and standards to kentledge on East elevation

Scafdac Ltd

Scaffold Designs Scaffold Designs

Neil Harrison
07436 520076
neil@scafdac.com

General Arrangement 2



STANDARD
Scaffolding Specialists Ltd

 Use load bearing couplers at all connections except board bearers

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 On inside boards -Max 1 working lift at 0.75kN/m² (75kg/m²)

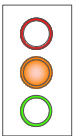
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- 7) Scaffold contractor to work to TG 20:21 and SG4:22) Ties installed and tested as TG 4:19

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dimensions as per drawing

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  **Drawing for approval only**

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Shoreline: >10km PCode: M14 5BX

Design by: Neil Harrison Checked by: Russ Challenger

Signature : 

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16/12/2025 Rev A Draft - Sketch Issued for tendering

19/02/2026 Approval - Rev A design issued for approval

Notes

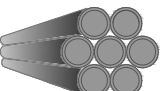
Independents

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General notes

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4. 450mm beams- Plan brace compression chord of beams and lace top and bottom chords at 1m centres.
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6. Max tie grid- Every frame on eaves lift.
7. Splice inside standards supporting roof trusses down to lowest shear tie and standards to kentledge on East elevation

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Scaffold Designs  Scaffold Designs

Neil Harrison
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neil@scafdac.com

Plan at Ground level

Boarding, lacing tubes and intermediate transoms omitted for clarity

Max 1 working lift at 150kg per m²

Max 1 working lift on hop ups or inside boards 75kg per m²

Section E-E

Section D-D

Section E-E

Section D-D

- Legend
- Tube
 - Temp roof trusses
 - 750mm Apollo beams
 - 450mm Apollo beams
 - Sheeting
 - High permeability debris netting
 - Correx and Visqueen
 - Ledger bracing
 - Facade bracing
 - Plan bracing
 - Knee bracing/spurs
 - Standard
 - Punchon
 - Dummy standards
 - Band and plate shear tie
 - Tension tie
 - Supplementary fitting
 - Check/safety coupler

STANDARD Scaffolding Specialists Ltd

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On inside boards -Max 1 working lift at 0.75kN/m² (75kg/m²)

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 - Scaffold contractor to work to TG 20:21 and SG4:22) Ties installed and tested as TG 4:19

Please print out all drawings in colour A3 min

Drawing not to scale dimensions as per drawing

Drawing for approval only

Drawing no :	5493/2	Rev:	A	Date:	12/09/2025
Site:	St Anselm Hall, Kent Rd East, UOM				
Description:	Temporary Roof over main hall				
Altitude:	50m	InTown	CC Table E1 :	2.65	Vmap: 22.5m/s
Shoreline:	>10km		PCode:	M14 5BX	
Design by:	Neil Harrison		Checked by:	Russ Challenger	
Signature :					
04/11/2025	Draft		Issued for site meeting 5th Nov		
10/11/2025	Draft		Issued for site meeting 11th Nov		
28/11/2025	AFC		Working design issued for check certificate		
30/11/2025	AFC		Working design issued approved for construction		
16/12/2025	Rev A Draft		Sketch Issued for tendering		
19/02/2026	Approval		Rev A design issued for approval		

- Notes
- Independents**
- Max lift heights- 2m, Max bay length- 2.07m, Typ bay width- 5 boards (1.2m)
 - Max transom spacing- 1m
- General notes**
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 - Max tie grid- Every frame on eaves lift.
 - Splice inside standards supporting roof trusses down to lowest shear tie and standards to kentledge on East elevation

Scafdac Ltd

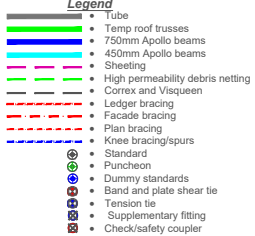
Scaffold Designs

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⚠️ Boarding, lacing tubes and intermediate transoms omitted for clarity

Max 1 working lift on hop
ups or inside boards
75kg per m²



STANDARD

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Drawing not to scale
dimensions as per drawing

  Drawing for approval only

Drawn no :	5493/3	Rev:	A	Date:	12/09/2025
Site:	St Anselm Hall, Kent Rd East, UOM				
Description:	Temporary Roof over main hall				
Altitude:	50m	In Town:	Yes	CC Table E1 :	2.65
Shoreline:	>10km	PC Code :	M14 5BX	Vmap:	22.5m/s
Design by:	Neil Harrison		Checked by:	Russ Challender	
Signature :					
04/11/2025	Draft - Issued for site meeting 5th Nov				
10/11/2025	Draft - Issued for site meeting 11th Nov				
28/11/2025	AFC - Working design issued for check certificate				
30/11/2025	AFC - Working design issued approved for construction				
16/12/2025	Rev A Draft - Sketch Issued for tendering				
19/02/2026	Approval - Rev A design issued for approval				

Notes

Independents

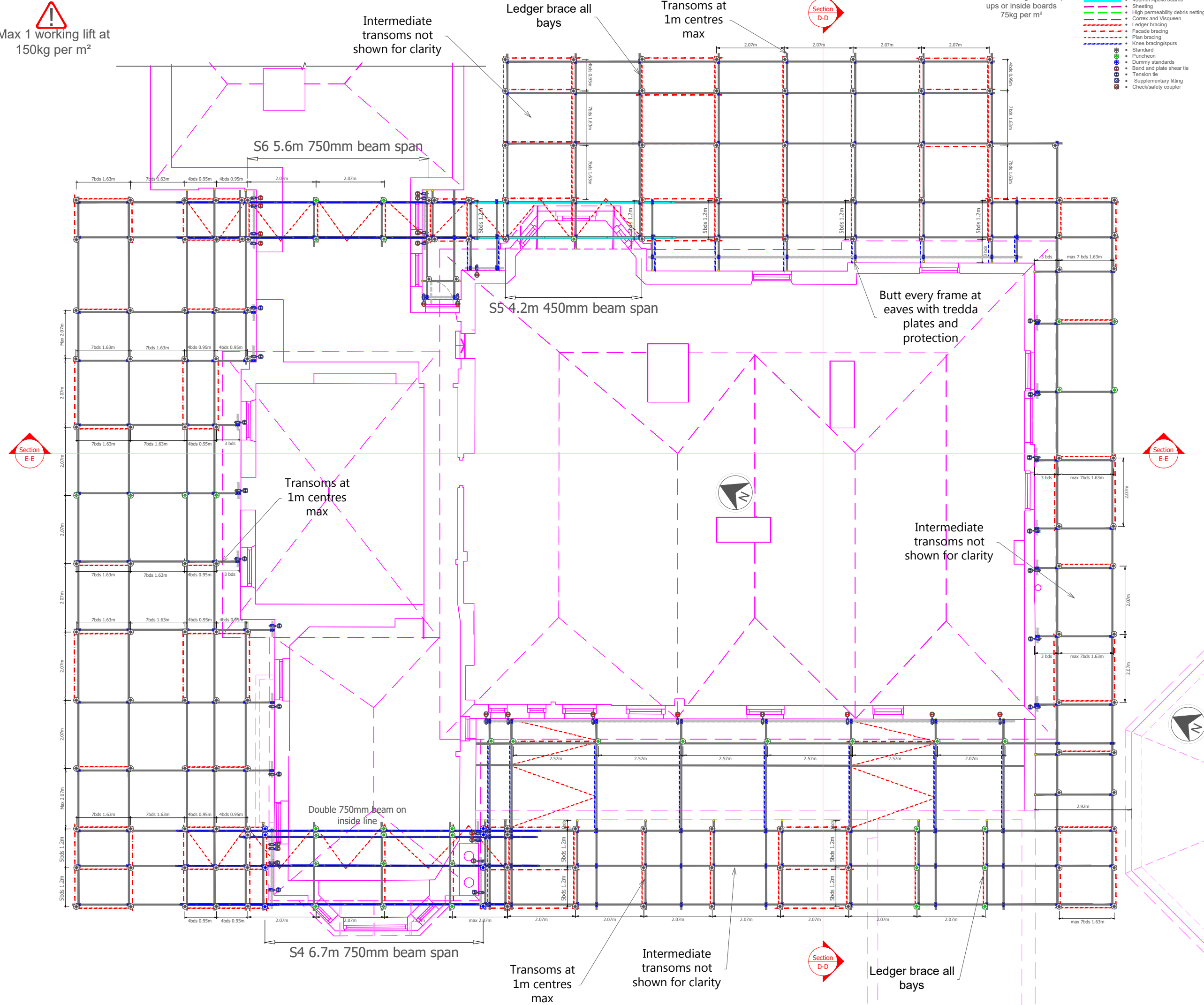
1. Max lift heights- 2m, Max bay length- 2.07m, Typ bay width- 5 boards (1.2m)
2. Max transom spacing- 1m

General notes

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2. 450mm beams- Plan brace compression chord of beams and lace top and bottom chords at 1m centres.
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5. Max tie grid- Every frame on eaves lift.
7. Splice inside standards supporting roof trusses down to lowest shear tie and standards to kedge on East elevation

The logo for Scafdac Ltd is presented within a rectangular frame. At the top, the company name 'Scafdac Ltd' is written in a large, bold, blue serif font. Below this, the words 'Scaffold Designs' appear in a smaller, bold, black serif font on both the left and right sides. In the center, there is a graphic of a bundle of seven grey pipes, with three pipes in the front row and four in the back row, creating a sense of depth. At the bottom of the frame, a dark grey horizontal bar contains the name 'Neil Harrison' in a white serif font, followed by the phone number '07436 520076' and the email address 'neil@scafdac.com' in the same white serif font.

Plan at **B-B** -At roof eaves level



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Drawing not to scale
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Drawing for approval only

Drawing no :	5493/4	Rev:	A	Date:	12/09/2025
Site:	St Anselm Hall, Kent Rd East, UOM				
Description:	Temporary Roof over main hall				
Altitude:	50m	InTown	CC Table E1 :	2.65	Vmap: 22.5m/s
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Design by:	Neil Harrison		Checked by:	Russ Challenger	
Signature :					
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19/02/2026	Approval - Rev A design issued for approval				

- Notes**
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Scaffold Designs

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Neil Harrison
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Plan at C-C -Plan at temporary roof eaves

⚠Boarding, lacing tubes and intermediate transoms omitted for clarity

Temporary Roofs
Temporary roof erected to manufacturers erection manual including any temporary working platforms and edge protection for safe erection and dismantling
Refer to NASC TG9:18 for further guidance

- Legend
- Temp roof trusses
 - 750mm Apollo beams
 - 450mm Apollo beams
 - Sheeting
 - High permeability debris netting
 - Comex and Viroqueen
 - Ledger bracing
 - Facade bracing
 - Plan bracing
 - Knee bracing/spurs
 - Standard
 - Punchon
 - Dummy standards
 - Band and plate shear tie
 - Tension tie
 - Supplementary fitting
 - Check/safety coupler

STANDARD
Scaffolding Specialists Ltd

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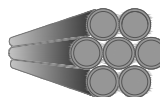
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⚠ Max 1 working lift at 150kg per m²

Intermediate transoms not shown for clarity

Transoms at 1m centres max

Section D-D
Ledger brace all bays

Section E-E

Section E-E

Section D-D
Ledger brace all bays

-Temporary roof details - bay centres

Temporary Roofs

Temporary roof erected to manufacturers erection manual including any temporary working platforms and edge protection for safe erection and dismantling
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Legend

Tube

Temp roof trusses

750mm Apollo beams

450mm Apollo beams

Shedding

High permeability debris netting

Conex and Visqueen

Ledger bracing

Facade bracing

Plan bracing

Knee bracing/lipurs

Standard

Punchoon

Dummy standards

Band and plate shear tie

Tension tie

Supplementary fitting

Check/safety coupler

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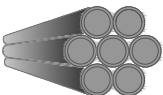
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