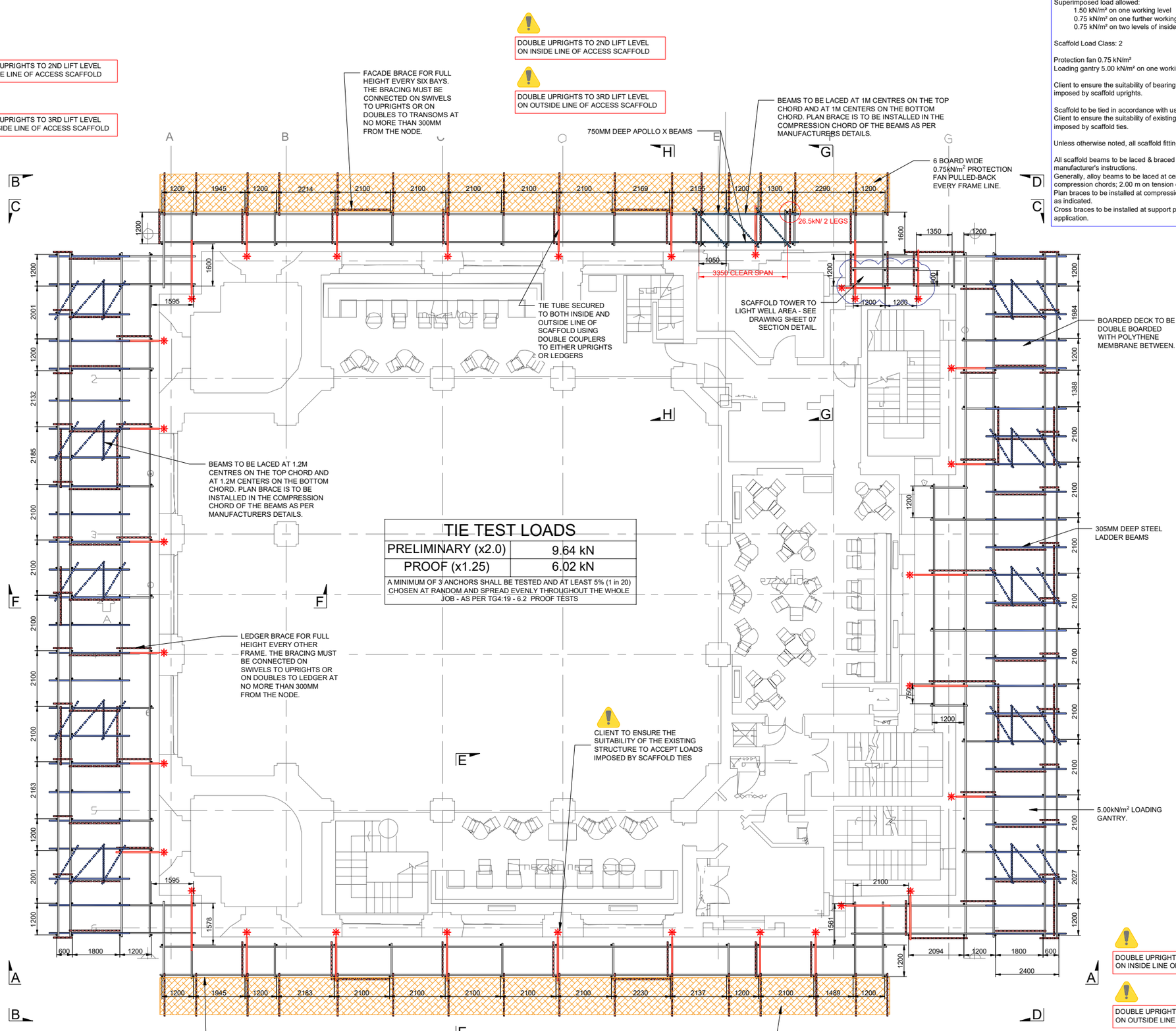


1 PLAN LAYOUT
MEZZANINE LEVEL

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Protection fan 0.75 kN/m²
Loading gantry 5.00 kN/m² on one working level

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lomnay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

EST. 1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT: INTELLIGENT SCAFFOLDING

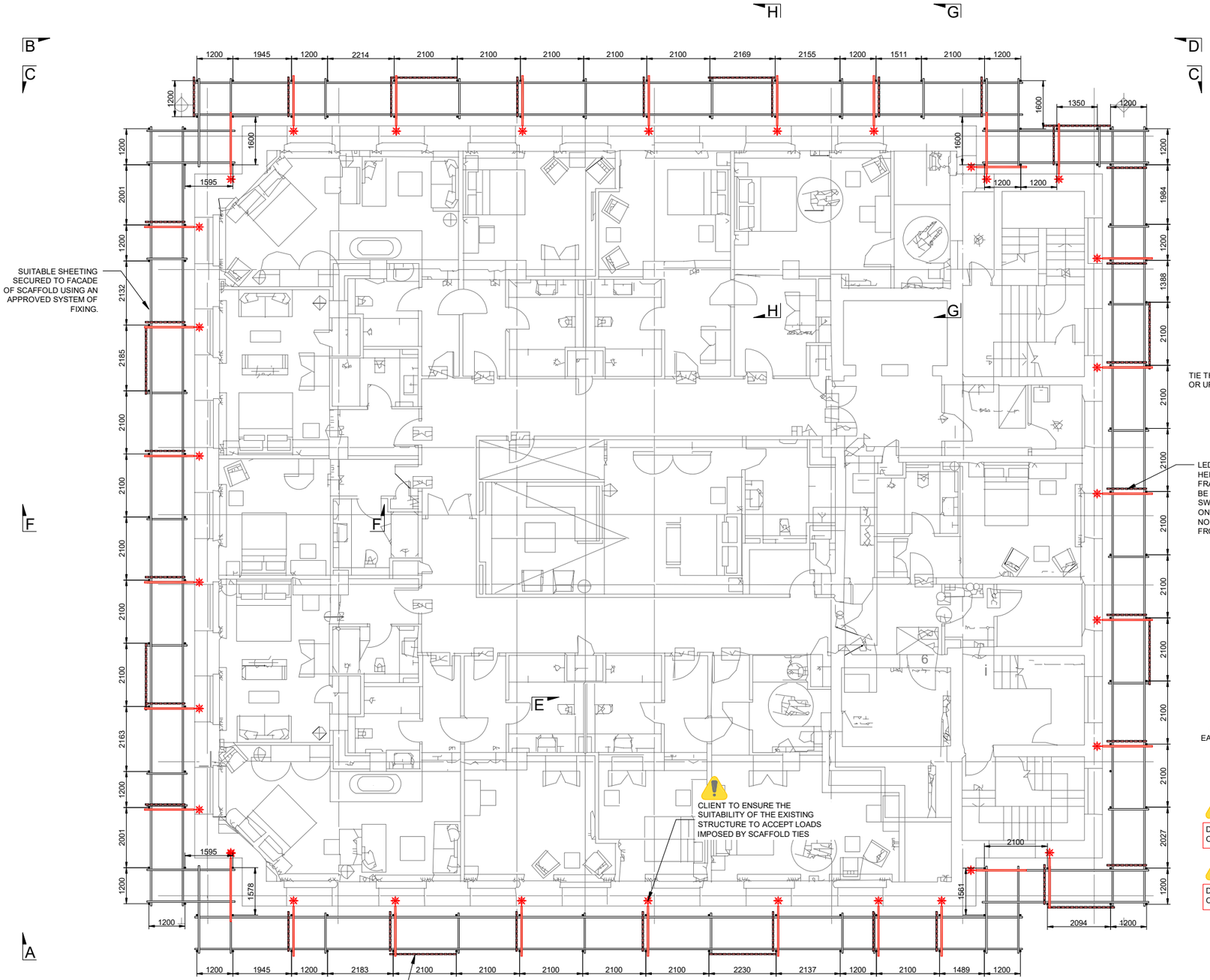
PROJECT: ACCESS SCAFFOLD

SITE: HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 01	REV.	A.		

DOUBLE UPRIGHTS TO 2ND LIFT LEVEL
ON INSIDE LINE OF ACCESS SCAFFOLD

DOUBLE UPRIGHTS TO 3RD LIFT LEVEL
ON OUTSIDE LINE OF ACCESS SCAFFOLD



2 PLAN LAYOUT
1ST FLOOR LEVEL

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

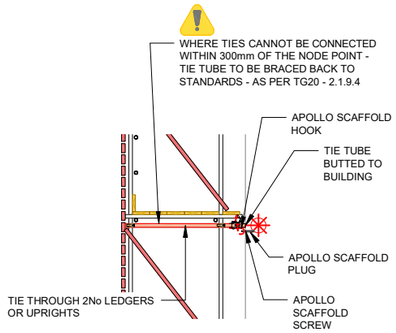
Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

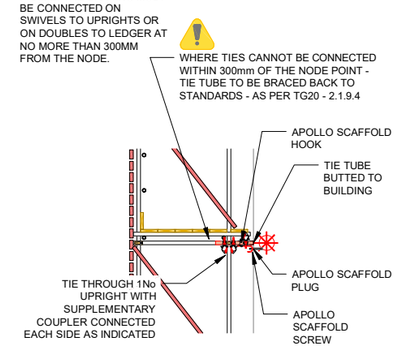
Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.



i TIE DETAIL - SECTION

LEDGER BRACE FOR FULL HEIGHT EVERY OTHER FRAME. THE BRACING MUST BE CONNECTED ON SWIVELS TO UPRIGHTS OR ON DOUBLES TO LEDGER AT NO MORE THAN 300MM FROM THE NODE.



ii ALT TIE DETAIL - SECTION

DOUBLE UPRIGHTS TO 2ND LIFT LEVEL
ON INSIDE LINE OF ACCESS SCAFFOLD

DOUBLE UPRIGHTS TO 3RD LIFT LEVEL
ON OUTSIDE LINE OF ACCESS SCAFFOLD

TIE TEST LOADS

PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT *e.g.* IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

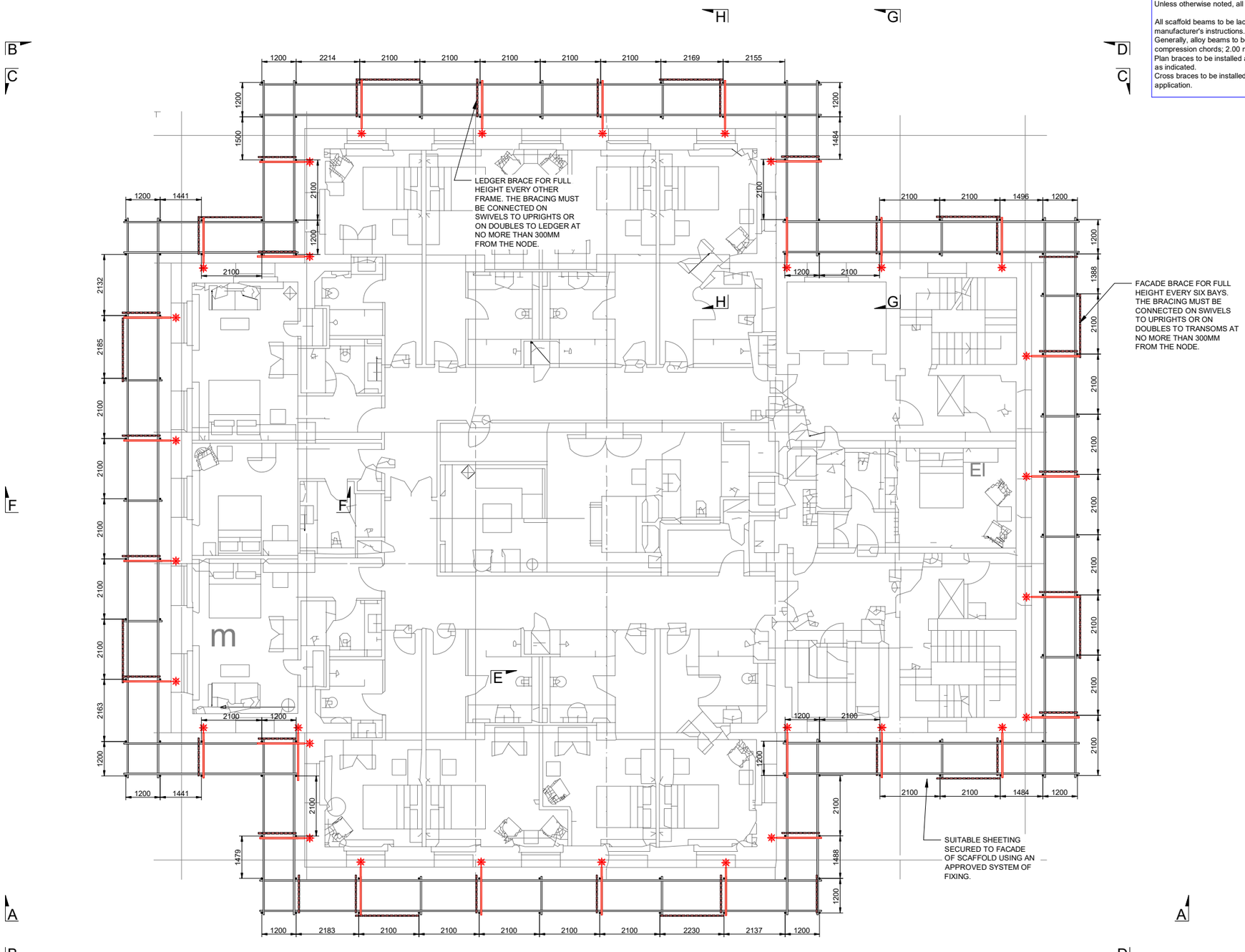
REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

EST. 1995
SCAFTEC
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT	INTELLIGENT SCAFFOLDING
PROJECT	ACCESS SCAFFOLD
SITE	HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 02	REV.	A.		



TIE TEST LOADS

PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

3 PLAN LAYOUT

3RD FLOOR LEVEL

Notes

Superimposed load allowed:
- 1.50 kN/m² on one working level
- 0.75 kN/m² on one further working level
- 0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

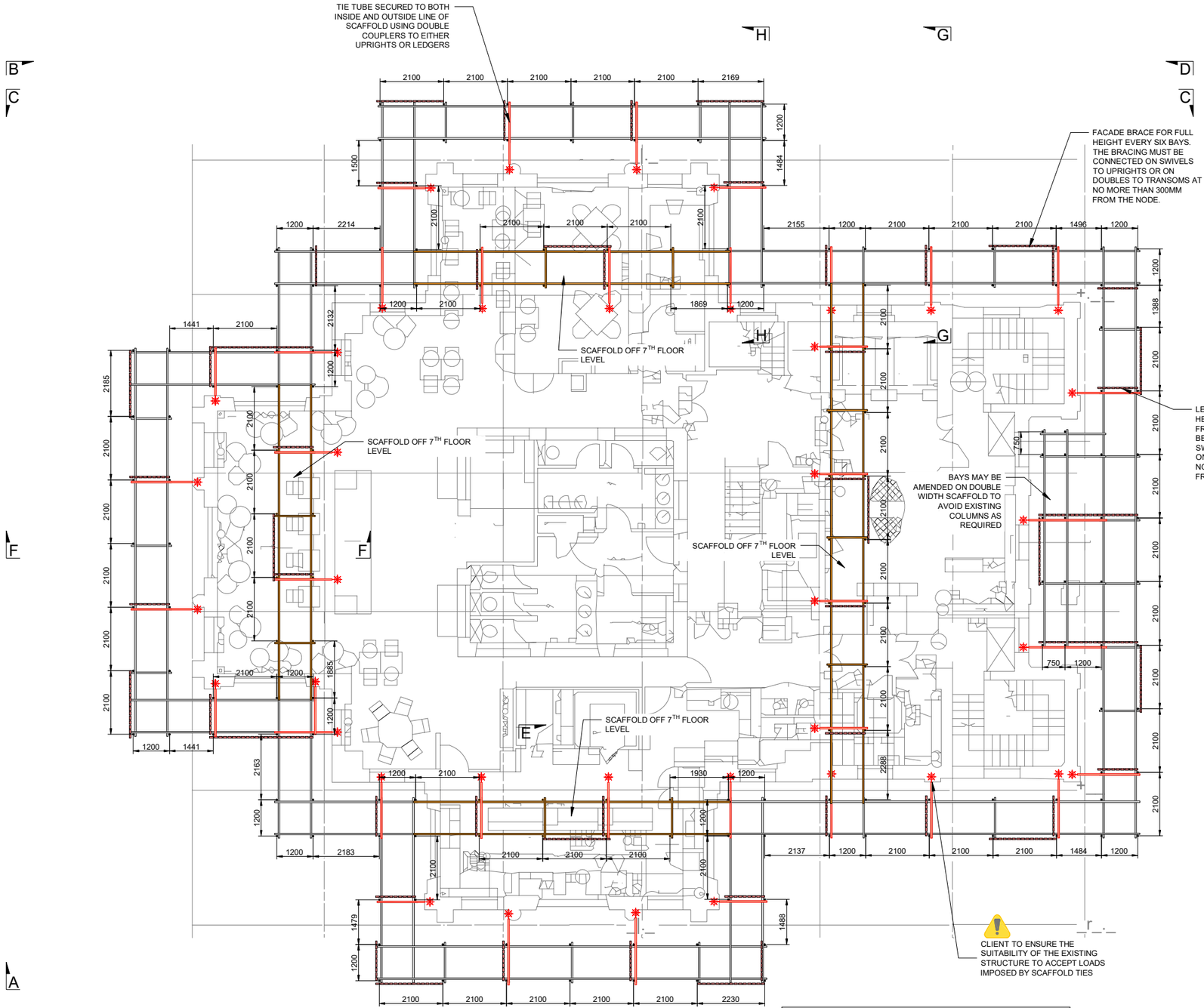
EST.1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT: INTELLIGENT SCAFFOLDING

PROJECT: ACCESS SCAFFOLD

SITE: HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 03	REV.	A.		



4 PLAN LAYOUT
6TH FLOOR LEVEL

TIE TEST LOADS	
PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

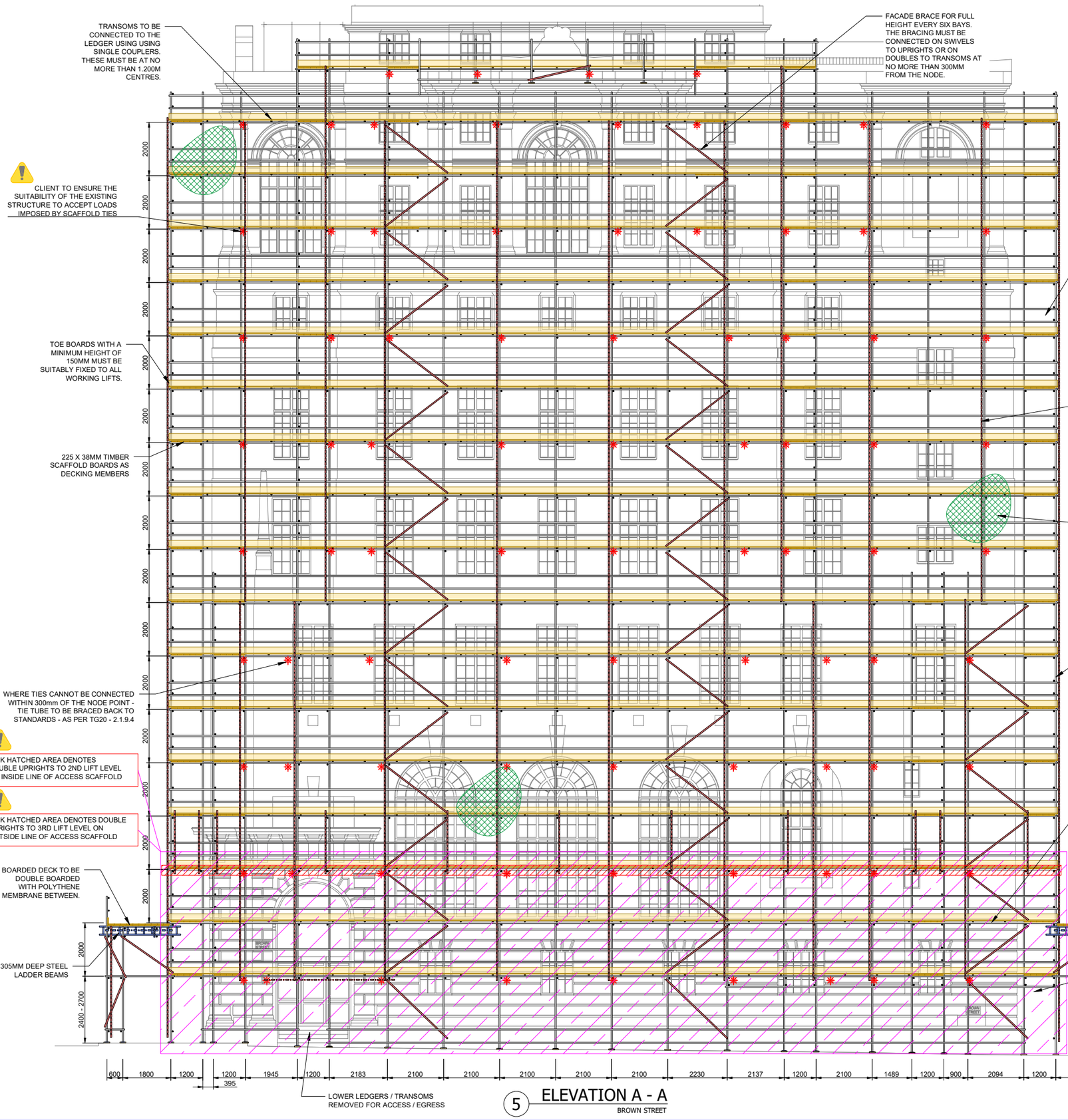
SCAFTEC EST. 1995
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT
INTELLIGENT SCAFFOLDING

PROJECT
ACCESS SCAFFOLD

SITE
HOTEL GOTHAM,
MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 04	REV.	A.		



5 ELEVATION A - A
BROWN STREET

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

TIE TEST LOADS	
PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

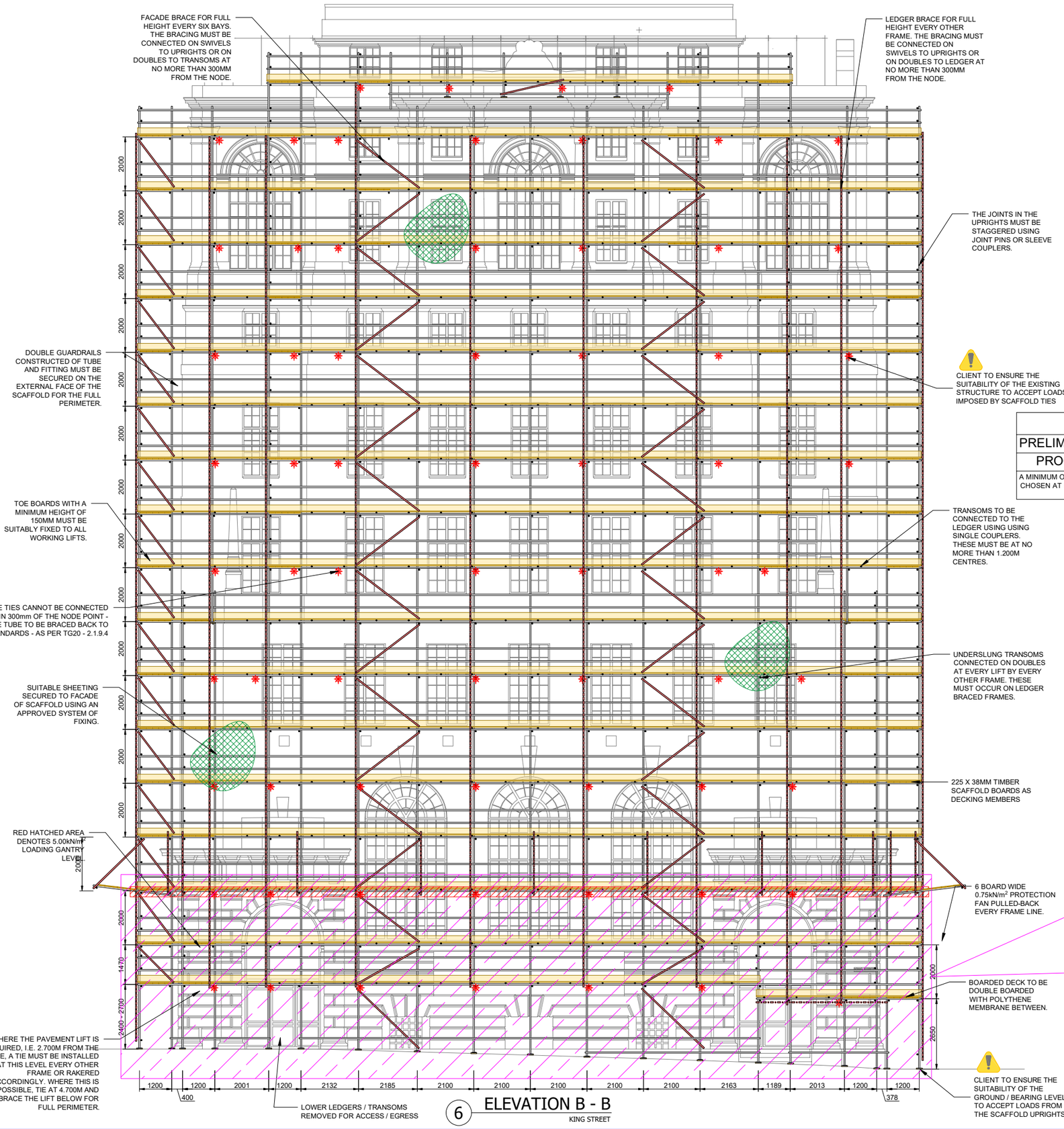
EST. 1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT: INTELLIGENT SCAFFOLDING

PROJECT: ACCESS SCAFFOLD

SITE: HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 05	REV.	A.		



6 ELEVATION B - B
KING STREET

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

TIE TEST LOADS

PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

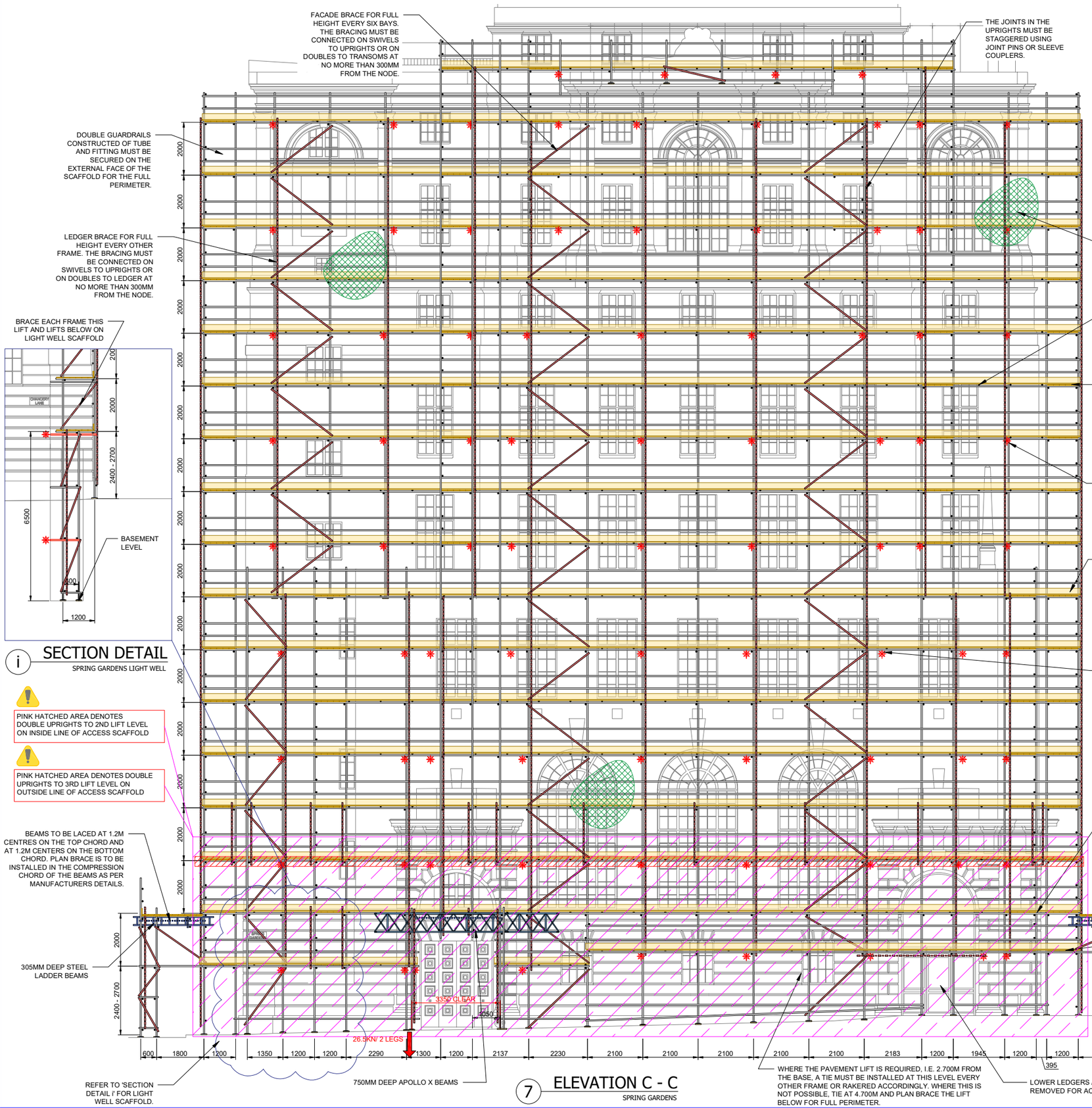
SCAFTEC EST.1995
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT
INTELLIGENT SCAFFOLDING

PROJECT
ACCESS SCAFFOLD

SITE
HOTEL GOTHAM,
MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 06	REV.	A.		



SECTION DETAIL
SPRING GARDENS LIGHT WELL

PINK HATCHED AREA DENOTES DOUBLE UPRIGHTS TO 2ND LIFT LEVEL ON INSIDE LINE OF ACCESS SCAFFOLD

PINK HATCHED AREA DENOTES DOUBLE UPRIGHTS TO 3RD LIFT LEVEL ON OUTSIDE LINE OF ACCESS SCAFFOLD

7 ELEVATION C - C
SPRING GARDENS

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

TIE TEST LOADS	
PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

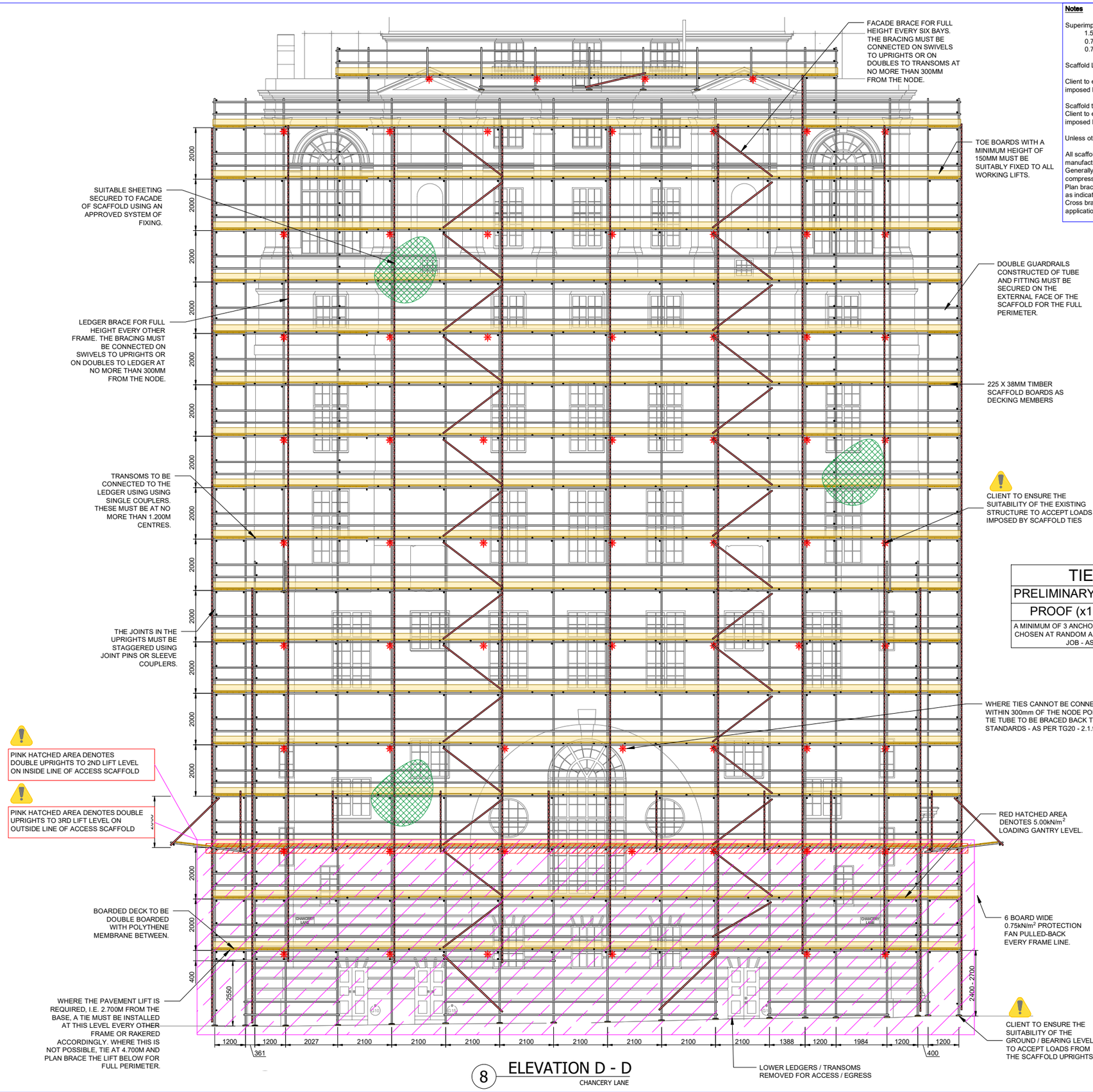
REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

SCAFTEC EST. 1995
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT	INTELLIGENT SCAFFOLDING
PROJECT	ACCESS SCAFFOLD
SITE	HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE		A1	
DRAWING No.	24-631-01 - 07	REV.	A.		



8 ELEVATION D - D

CHANCERY LANE

Notes

Superimposed load allowed:
- 1.50 kN/m² on one working level
- 0.75 kN/m² on one further working level
- 0.75 kN/m² on two levels of inside boards

Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.

TIE TEST LOADS	
PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS

WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015

THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lonmay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

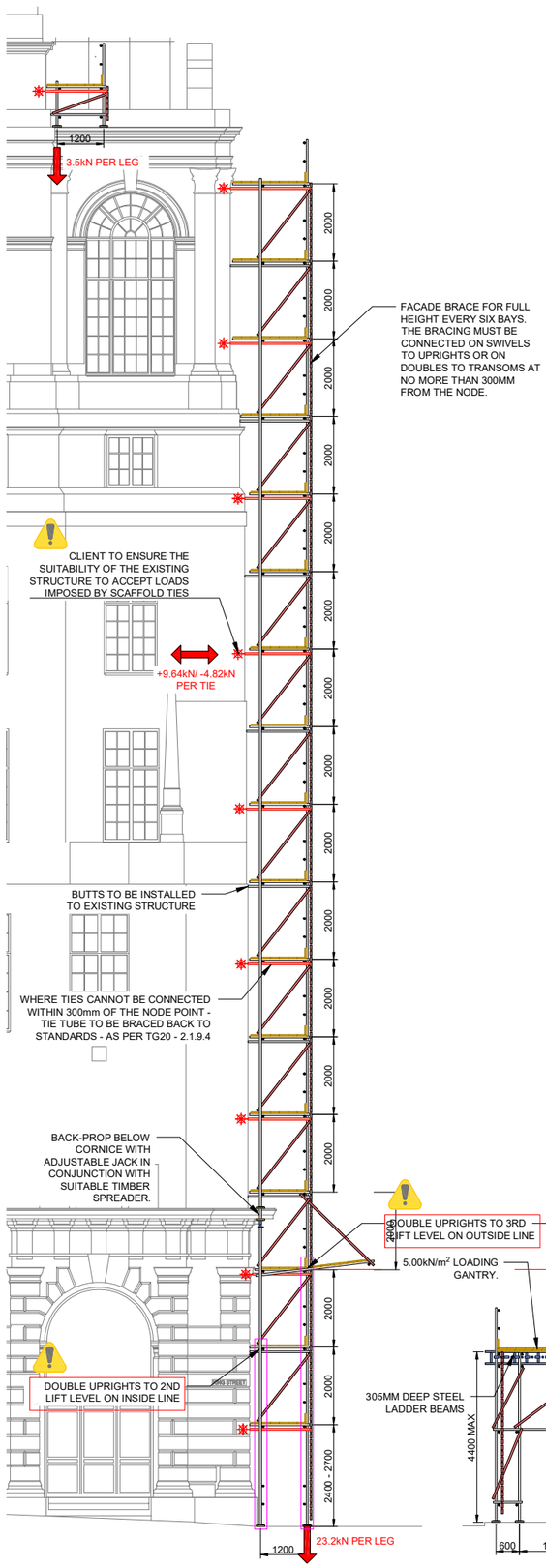
EST. 1995
SCAFTEC
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT: INTELLIGENT SCAFFOLDING

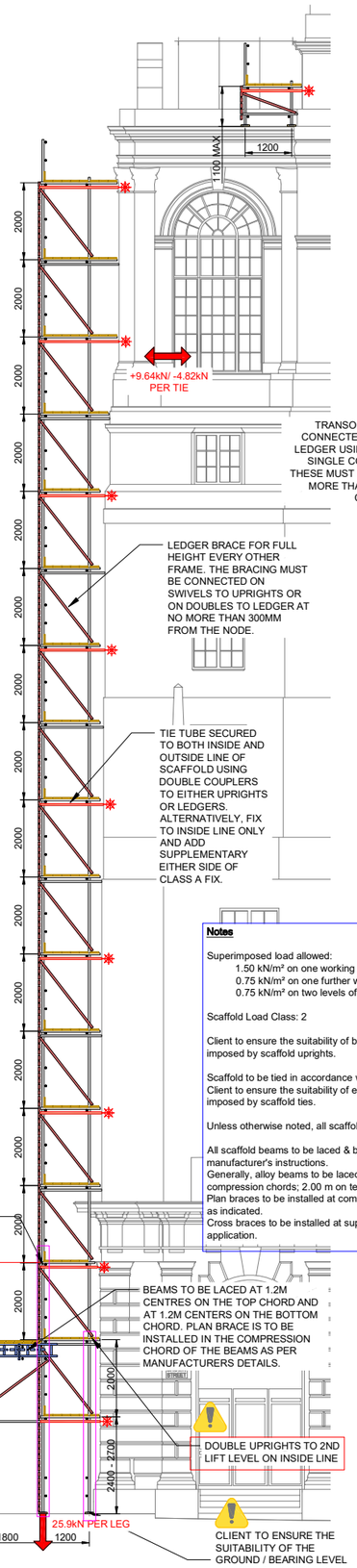
PROJECT: ACCESS SCAFFOLD

SITE: HOTEL GOTHAM, MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 08	REV.	A.		



9 SECTION E - E



10 SECTION F - F

Notes

Superimposed load allowed:
1.50 kN/m² on one working level
0.75 kN/m² on one further working level
0.75 kN/m² on two levels of inside boards

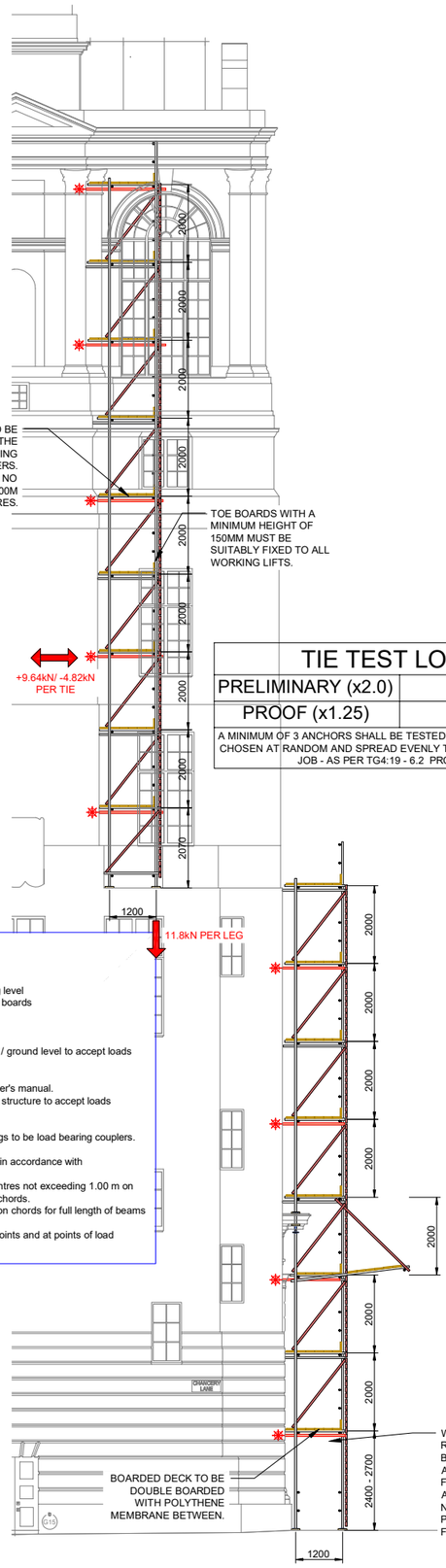
Scaffold Load Class: 2

Client to ensure the suitability of bearing / ground level to accept loads imposed by scaffold uprights.

Scaffold to be tied in accordance with user's manual.
Client to ensure the suitability of existing structure to accept loads imposed by scaffold ties.

Unless otherwise noted, all scaffold fittings to be load bearing couplers.

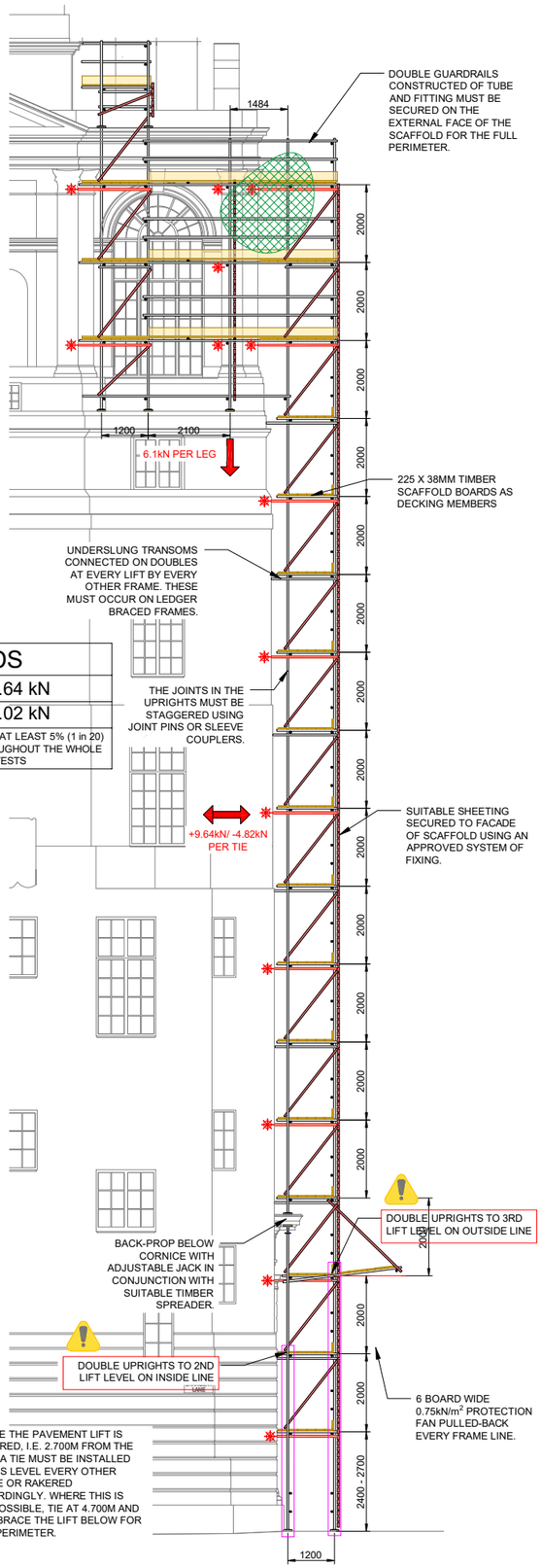
All scaffold beams to be laced & braced in accordance with manufacturer's instructions.
Generally, alloy beams to be laced at centres not exceeding 1.00 m on compression chords; 2.00 m on tension chords.
Plan braces to be installed at compression chords for full length of beams as indicated.
Cross braces to be installed at support points and at points of load application.



11 SECTION G - G

TIE TEST LOADS	
PRELIMINARY (x2.0)	9.64 kN
PROOF (x1.25)	6.02 kN

A MINIMUM OF 3 ANCHORS SHALL BE TESTED AND AT LEAST 5% (1 in 20) CHOSEN AT RANDOM AND SPREAD EVENLY THROUGHOUT THE WHOLE JOB - AS PER TG4:19 - 6.2 PROOF TESTS



12 SECTION H - H

GENERAL NOTES:

1. This drawing is confidential and the exclusive property of Scaftec Ltd. No unauthorised use, copy or disclosure is to be made and it is to be returned upon request.

2. This design and drawing has been prepared from information supplied to us by, or on behalf of the client, who should check that we have correctly interpreted his requirements and that all loadings, erection details, dimensions and setting out sizes are as required and practicable.

3. The client is responsible for ensuring that the foundations provided are adequate to safely support the loading shown on this drawing or associated calculations. Client is to ensure that adequate facilities for tying the scaffold structure are made and that the structure being tied to is capable of withstanding all loads applied to it by the scaffold structure.

4. No ties or braces are to be removed from, or any modifications made to the scaffold structure without approval from Scaftec Ltd.

5. The client is responsible for setting out the final levelling of the scaffold structure.

6. Wind loads have been calculated in accordance with BS EN 1991-1-4:2005+ A1:2010.

7. Snow loads have been calculated in accordance with BS EN 1991-1-3:2003.

8. All scaffold equipment comply with BS.EN 12811-1 and to be erected and dismantled in accordance with the recommendations of the latest SG4 and TG20- Guide to Good Practice for Scaffolding with Tube and Fittings OR system scaffold manufacturers erection manuals.

9. Stated dimensions take precedence over scaled dimensions. IF IN DOUBT - ASK.

10. All scaffold beams to be laced & braced in accordance with manufacturers' instructions.

11. The scaffold supervisor is to ensure that a safe system of working is adopted at all stages of the scaffolding erection and dismantle.

12. For hazards associated with the erection of scaffolding, refer to the scaffold contractors operational risk assessment produced for the contract.

13. Scaffold components assumed to comply with the following standards:

Tube	BS 1139-1:1982
OR	BS EN 39 (Type 4)
OR	BS EN 10210 S355
Couplers, spigot pins & baseplates	BS EN 74:2005
Boards	BS 2482:2009
System components	BS EN 12810-1:2003 BS EN 12810-2:2003

DENOTES TIE LOCATIONS
SUITABLE TIE TESTING TO BE CARRIED OUT e.g. IN ACCORDANCE WITH NASC TG4:19

RESIDUAL RISKS
Wherever possible, risk has been designed-out during the design process. Where this is not possible the risk is minimised, with residual risks noted and indicated by this symbol.

DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
THIS DRAWING CONSTITUTES SCAFTEC LTD.'S DESIGN RISK ASSESSMENT IN ACCORDANCE WITH REGULATION 11 OF THE CURRENT CDM REGULATIONS. THE REGULATIONS FURTHER REQUIRE THAT WE MAKE THE CLIENT AWARE OF HIS DUTIES UNDER CDM, WHICH ARE PUBLISHED BY THE HSC AND HSE.

REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
P2	PRELIMINARY DRAWING	ATM	GF	--	17.01.25
P1	PRELIMINARY DRAWING	ATM	GF	--	09.12.24

SCAFTEC LTD.
Scaffold Design Consultants
27 Lomnay Place,
Panorama Business Village,
Queenslie,
Glasgow.
G33 4ER
Tel: 0141 771 4400
e-mail: info@scaftec.co.uk
www.scaftec.co.uk

SCAFTEC EST. 1995
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT
INTELLIGENT SCAFFOLDING

PROJECT
ACCESS SCAFFOLD

SITE
HOTEL GOTHAM,
MANCHESTER M2 4WU

DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE		A1	
DRAWING No.	24-631-01 - 09	REV.	A.		