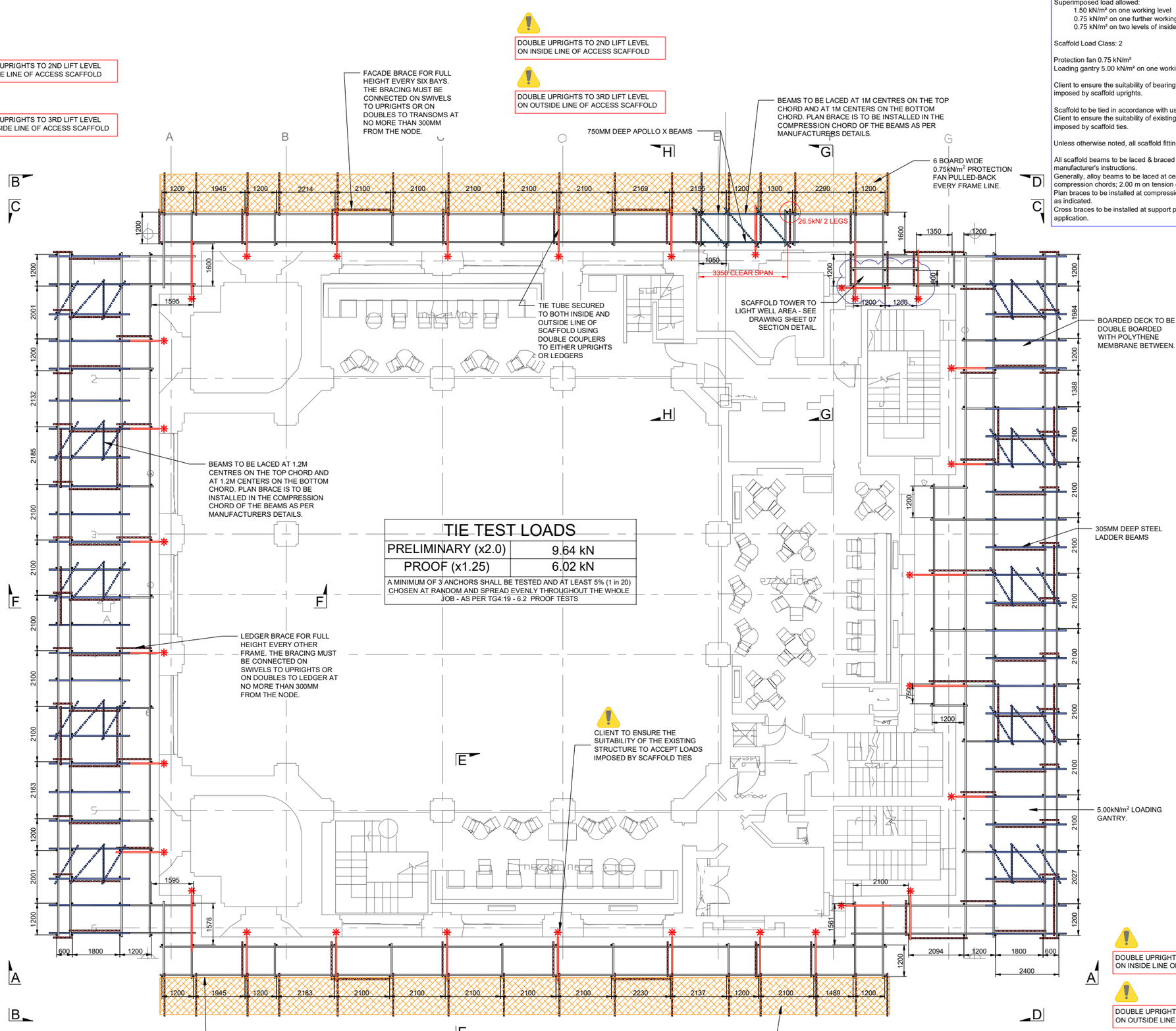


1 PLAN LAYOUT
MEZZANINE LEVEL

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.

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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.

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

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Tube	BS 1139-1:1982
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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

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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

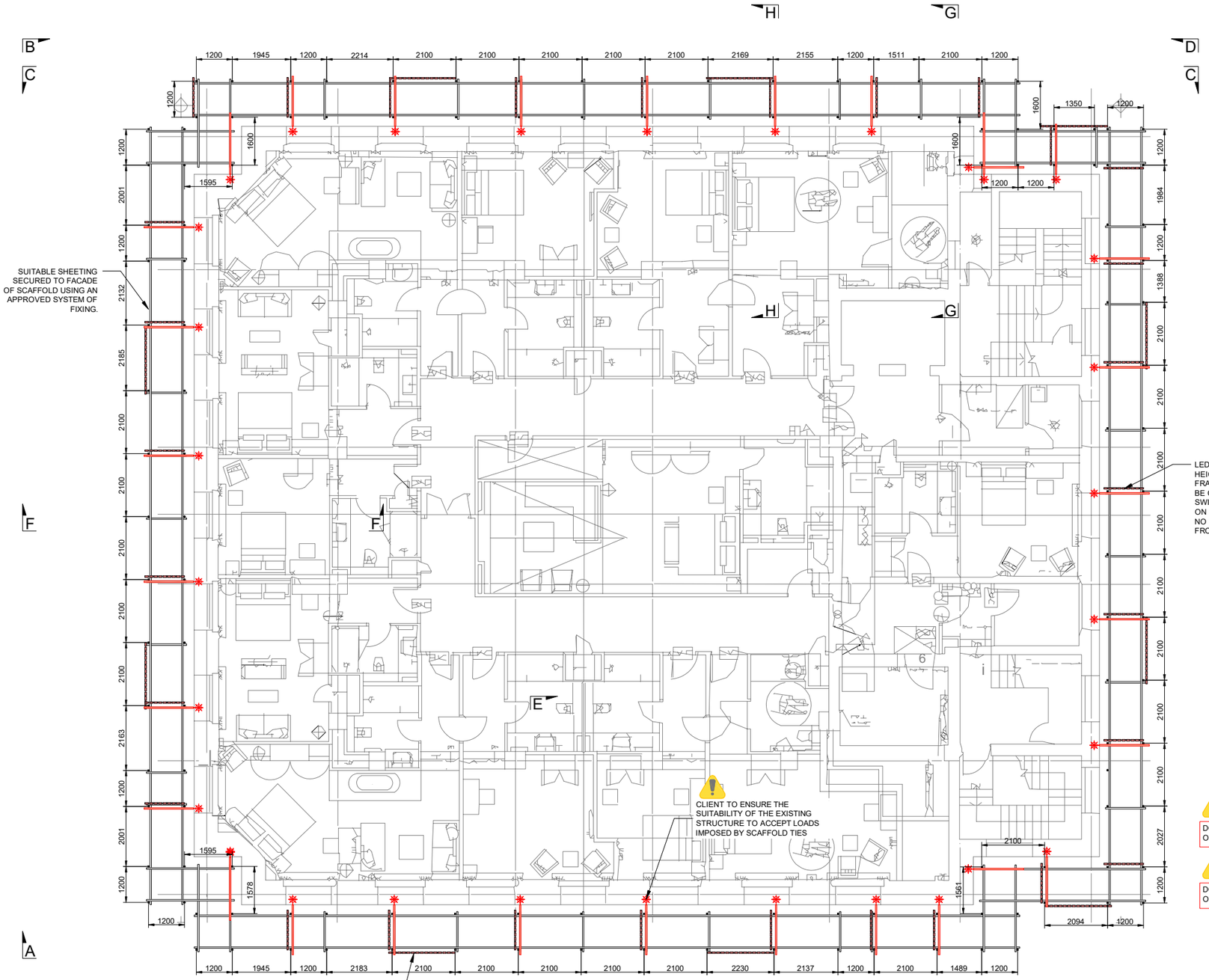
PROJECT: ACCESS SCAFFOLD

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.	B.		

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

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

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.

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

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DRAWING STATUS
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ISSUED FOR CONSTRUCTION

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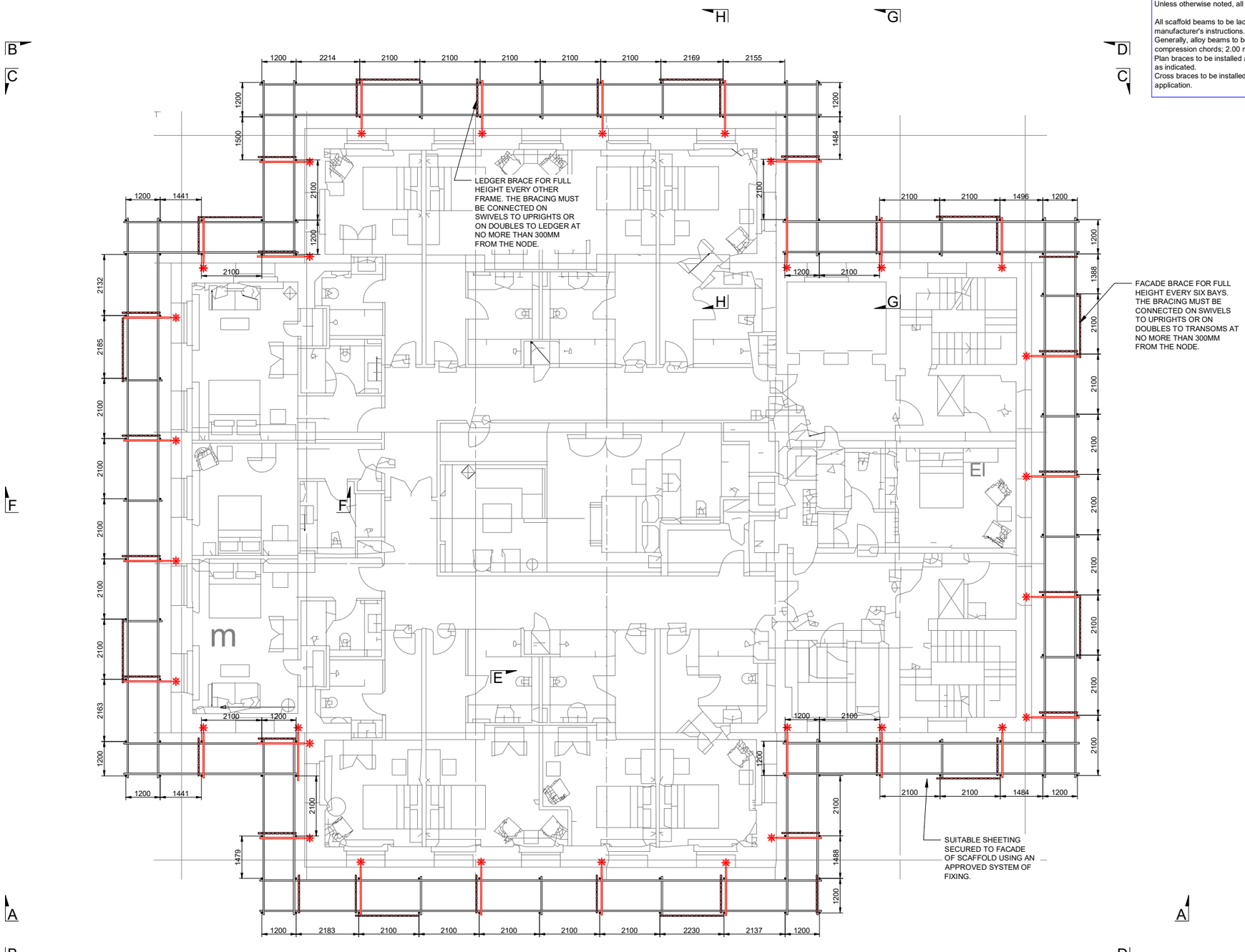
EST. 1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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.	B.		



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.

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

RESIDUAL RISKS
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DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

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

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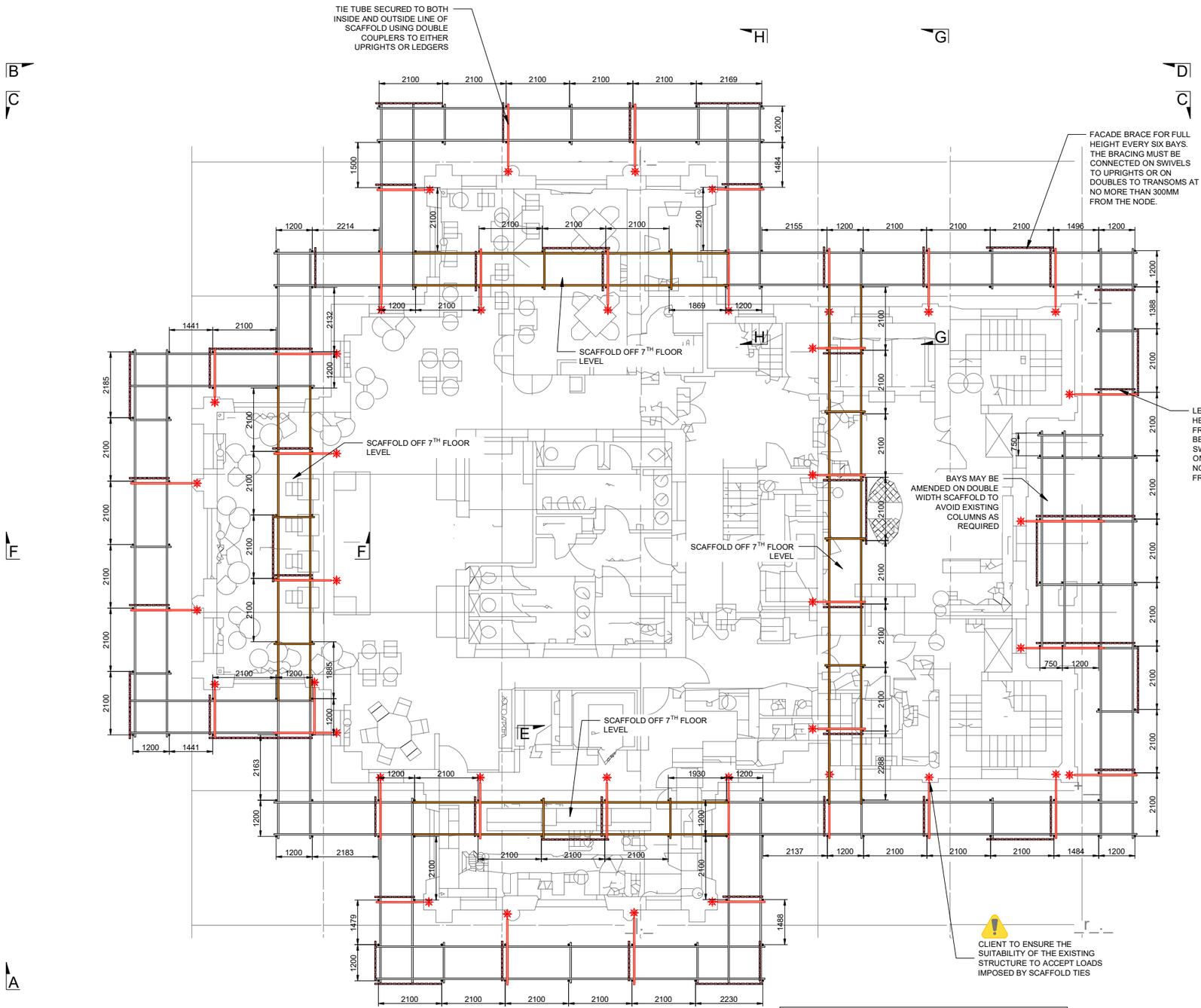
EST.1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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.	B.		



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

RESIDUAL RISKS
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DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

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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

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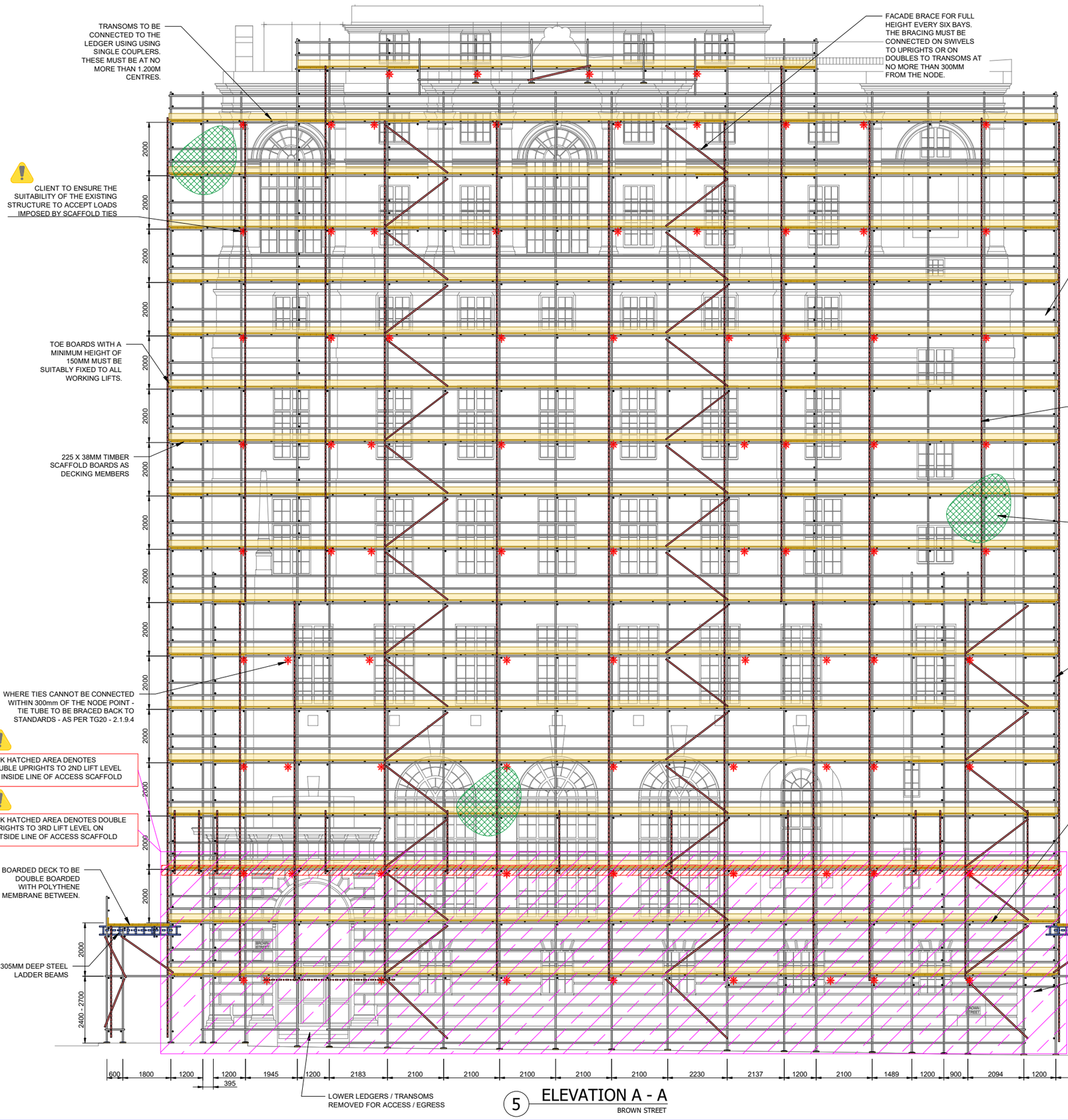
SCAFTEC EST. 1995
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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.	B.		



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.

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WORKING DRAWING
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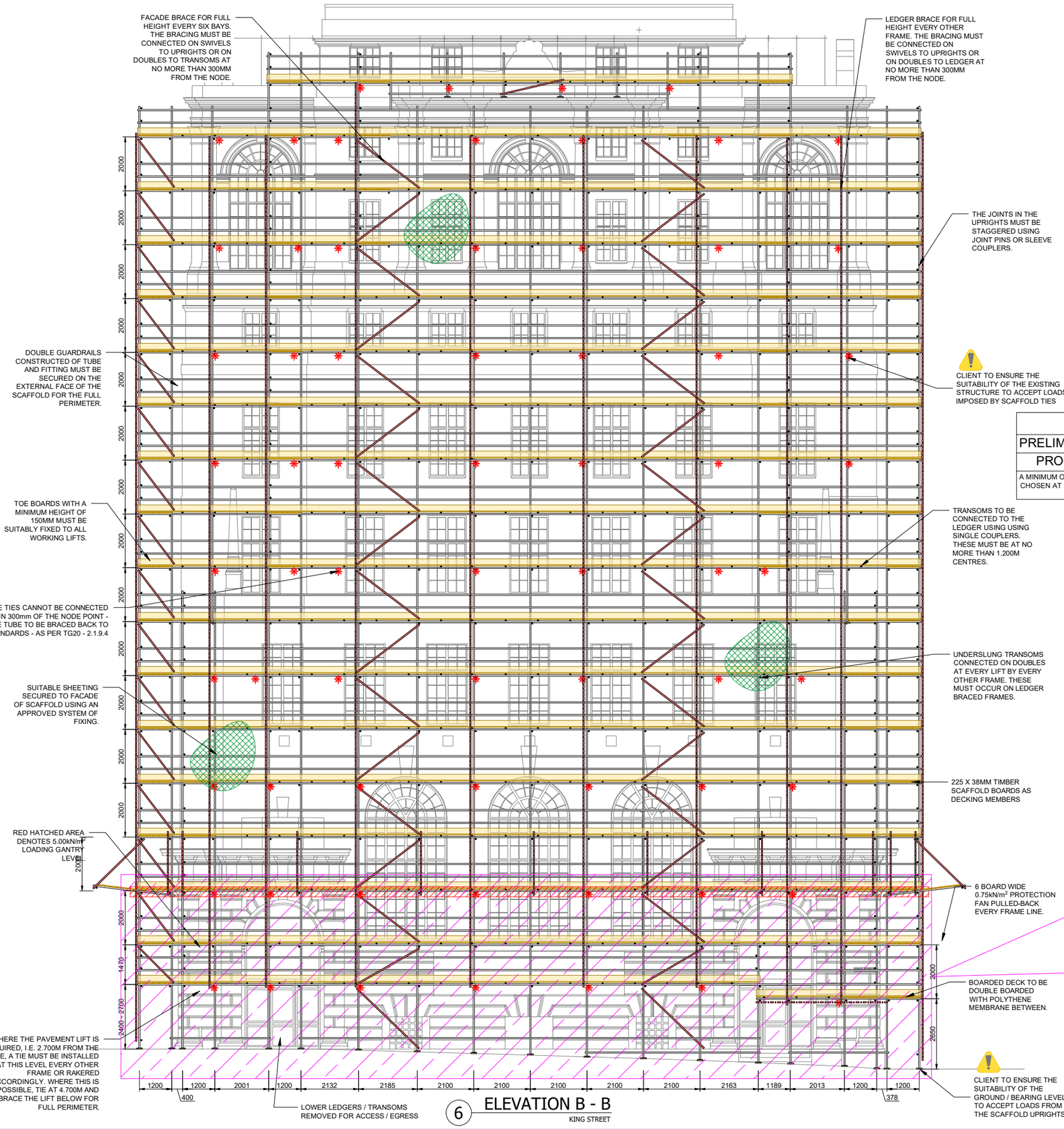
REV.	DESCRIPTION	BY	CHK	APP	DATE
A	WORKING DRAWING	ATM	GF	--	27.01.25
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DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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.	B.		



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
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Scaffold Load Class: 2

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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

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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
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DRAWING STATUS
WORKING DRAWING
ISSUED FOR CONSTRUCTION

CDM REGULATIONS 2015
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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

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www.scaftec.co.uk

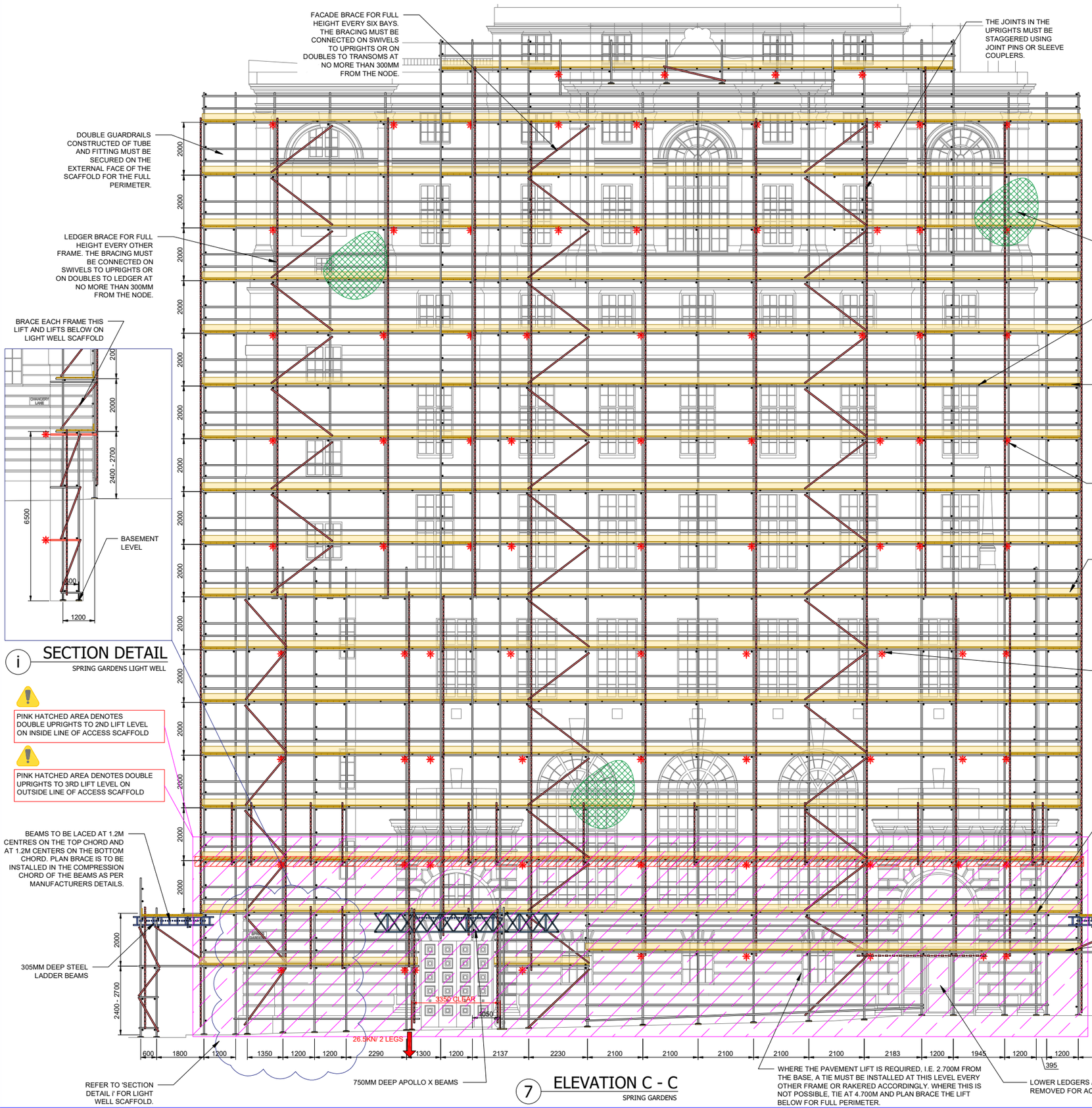
EST.1995 SCAFTEC SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

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 - 06	REV.	B.		



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

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

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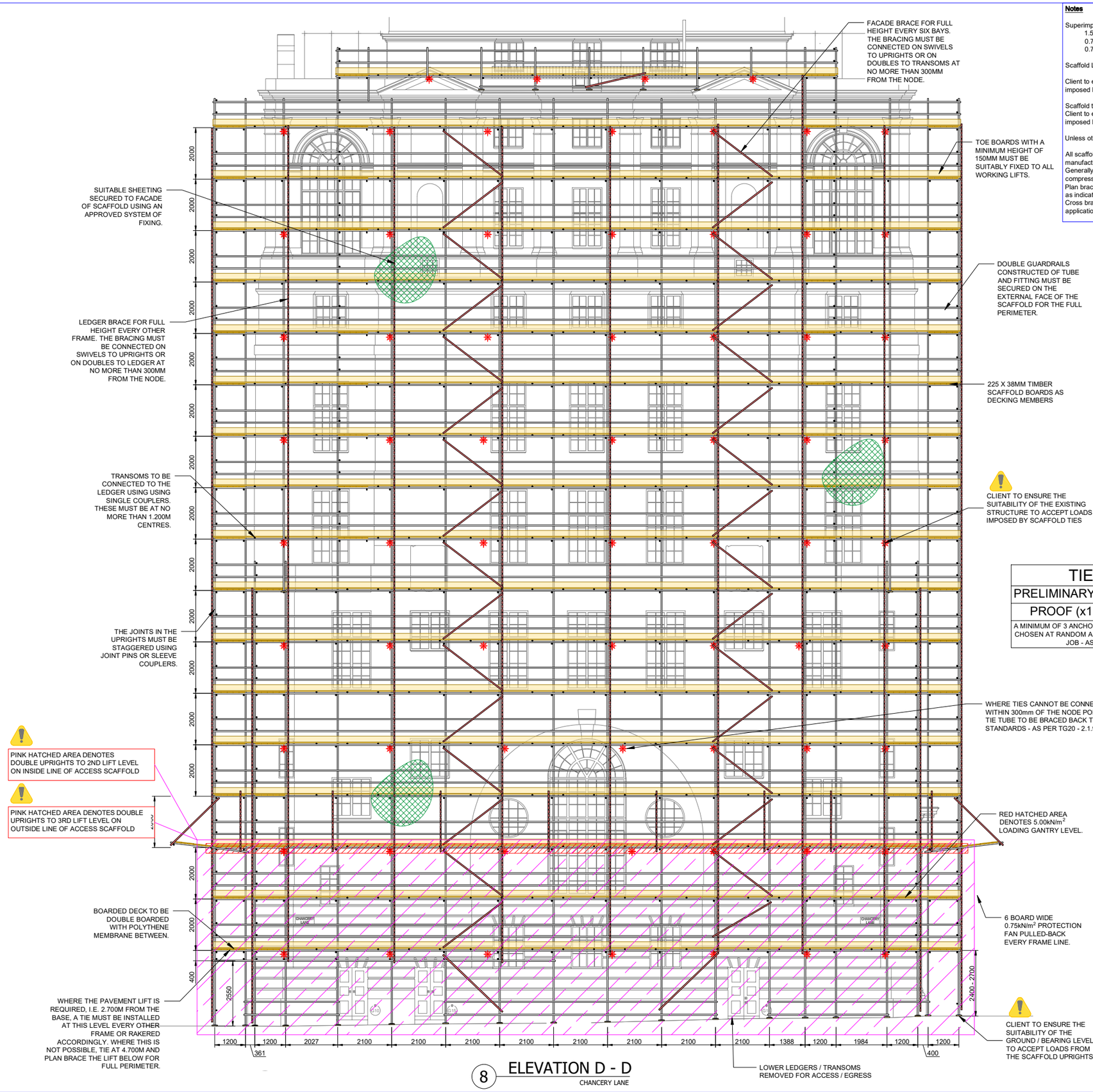
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CLIENT
INTELLIGENT SCAFFOLDING

PROJECT
ACCESS SCAFFOLD

SITE
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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.	B.		



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.

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

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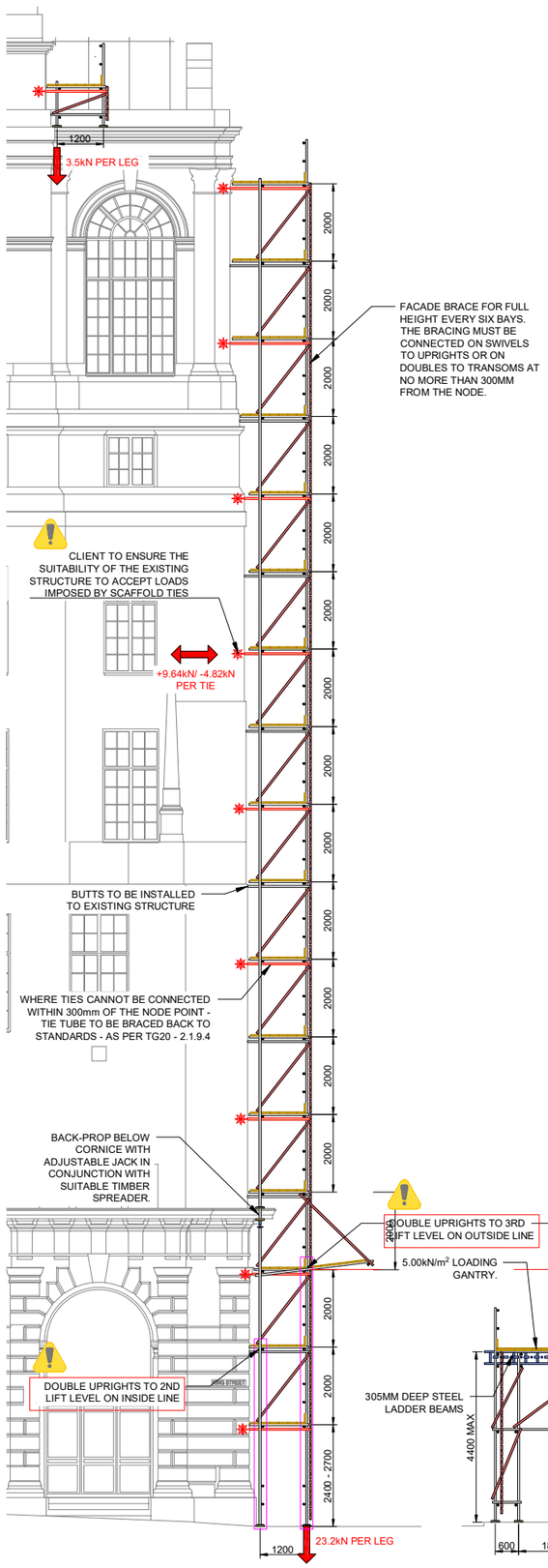
EST. 1995
SCAFTEC
SCAFFOLD DESIGN CONSULTANTS
DESIGN MEMBER OF THE NATIONAL ACCESS & SCAFFOLDING CONFEDERATION

CLIENT: INTELLIGENT SCAFFOLDING

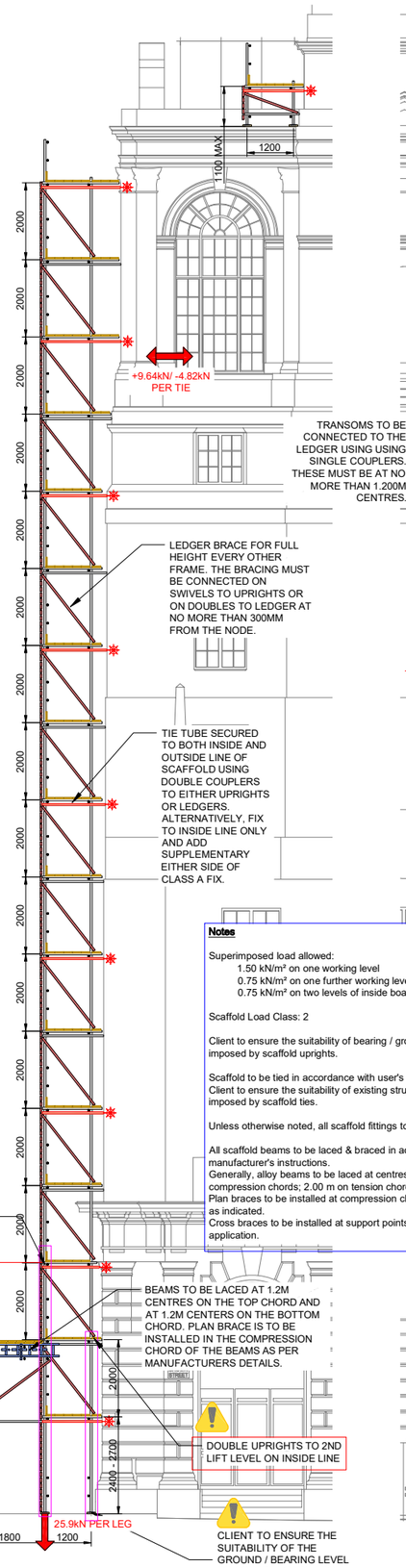
PROJECT: ACCESS SCAFFOLD

SITE: HOTEL GOTHAM, MANCHESTER M2 4WU

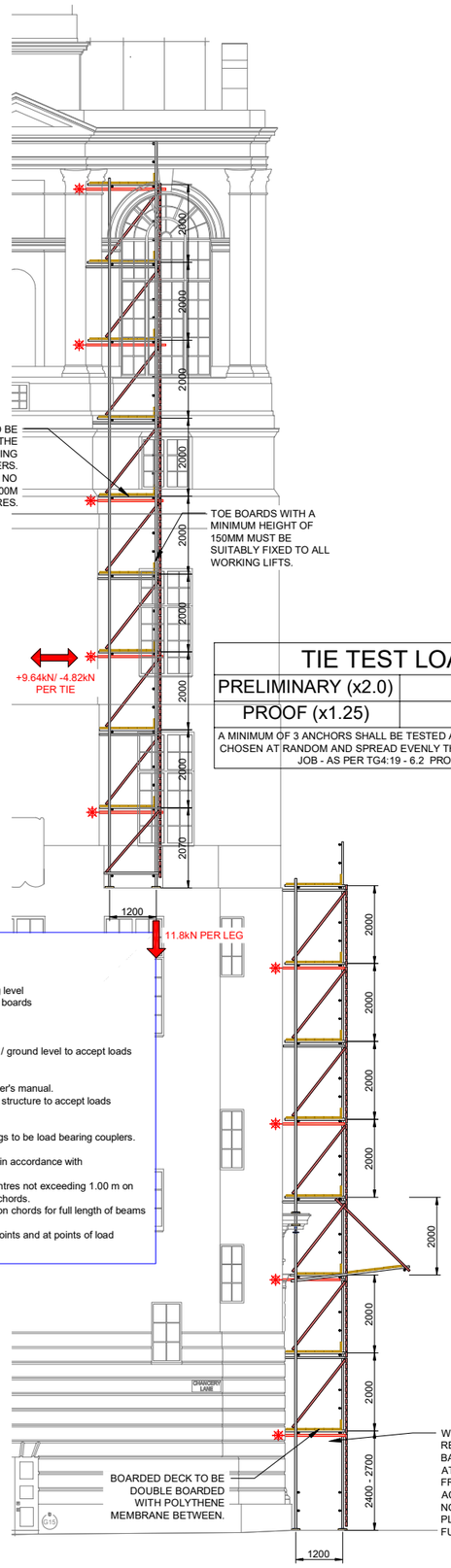
DESIGNED	ATM	CHECKED	GF	APPROVED	--
DATE	29.11.24	DATE	09.12.24	DATE	--.--.--
SCALE	NTS	PAPER SIZE	A1		
DRAWING No.	24-631-01 - 08	REV.	B.		



9 SECTION E - E



10 SECTION F - F

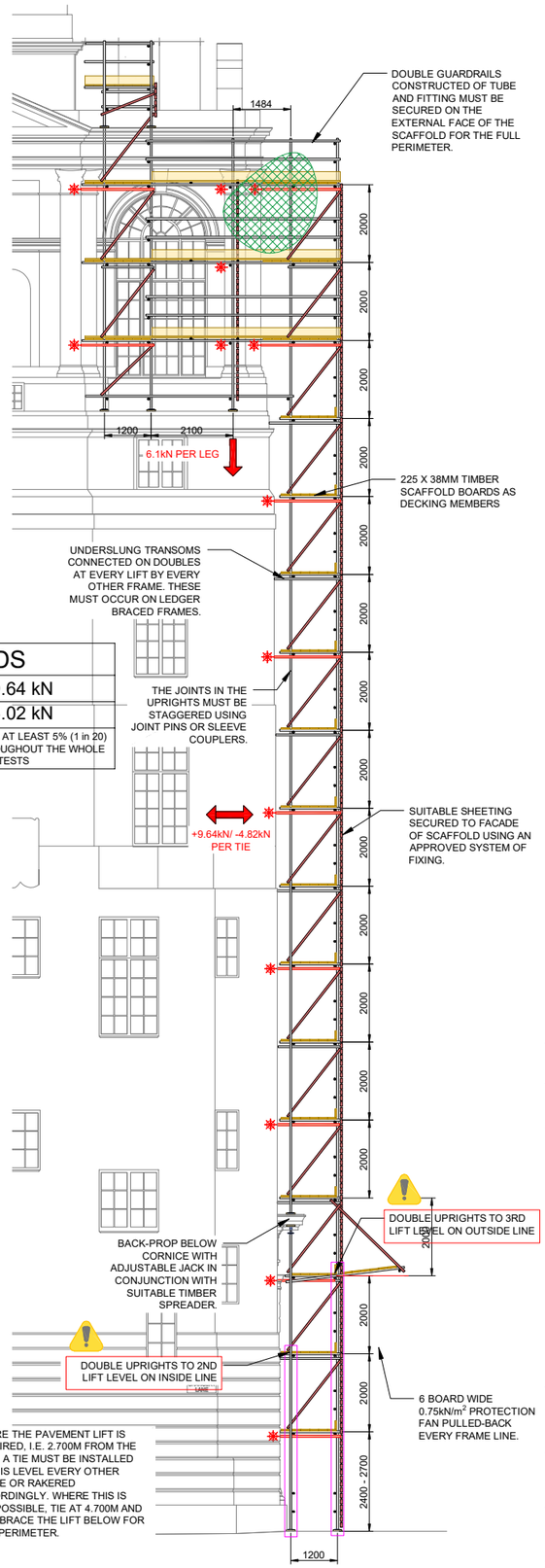


11 SECTION G - G

TIE TEST LOADS

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PROOF (x1.25)	6.02 kN

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12 SECTION H - H

Notes

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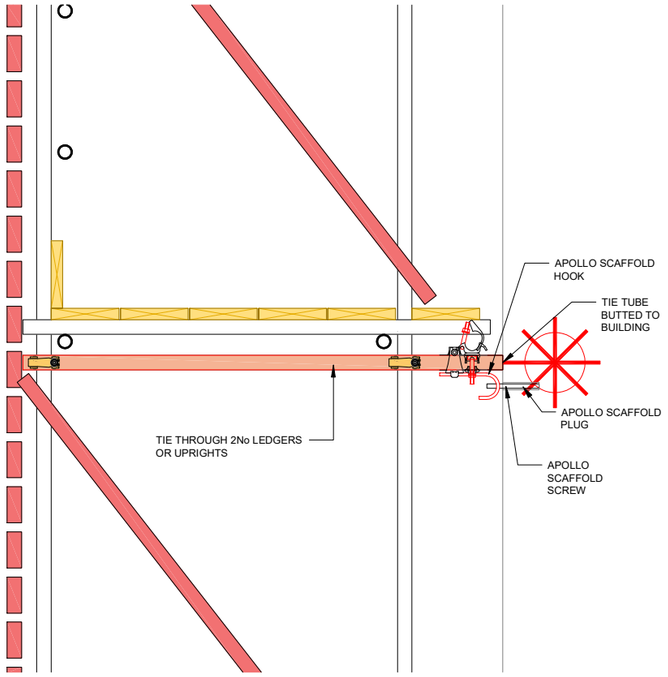
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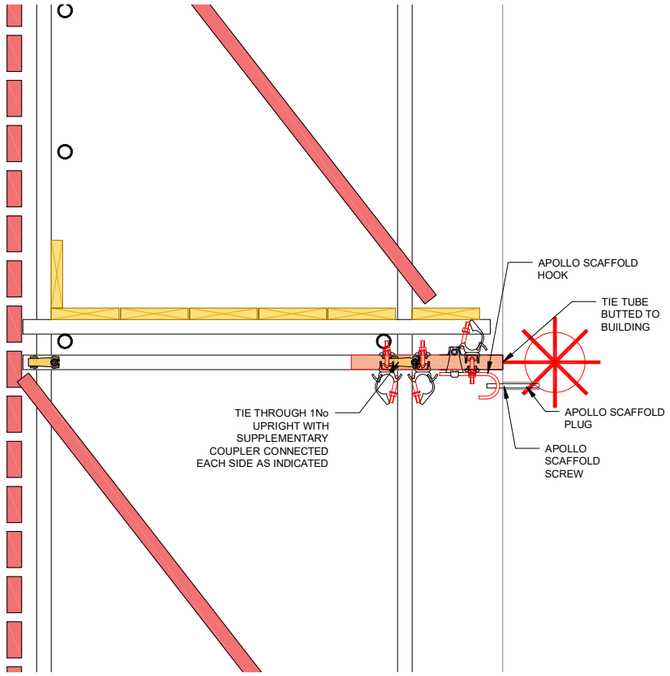
PROJECT
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SITE
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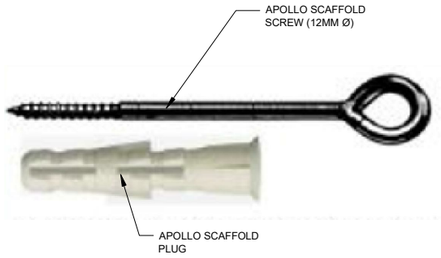
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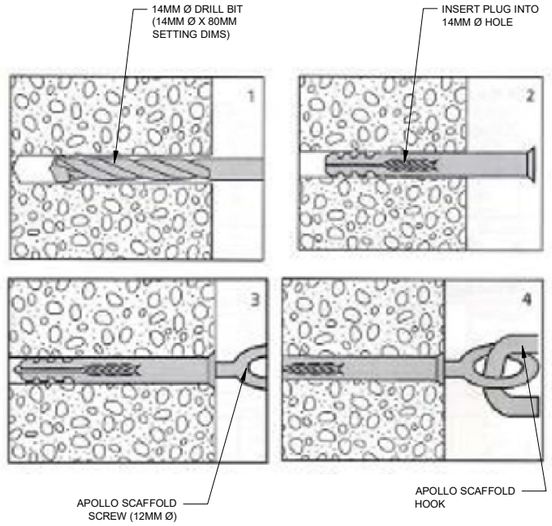


i TIE CONNECTION DETAIL - SECTION



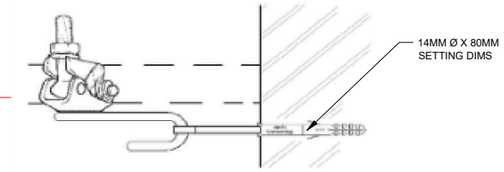
ii ALTERNATIVE TIE CONNECTION DETAIL - SECTION



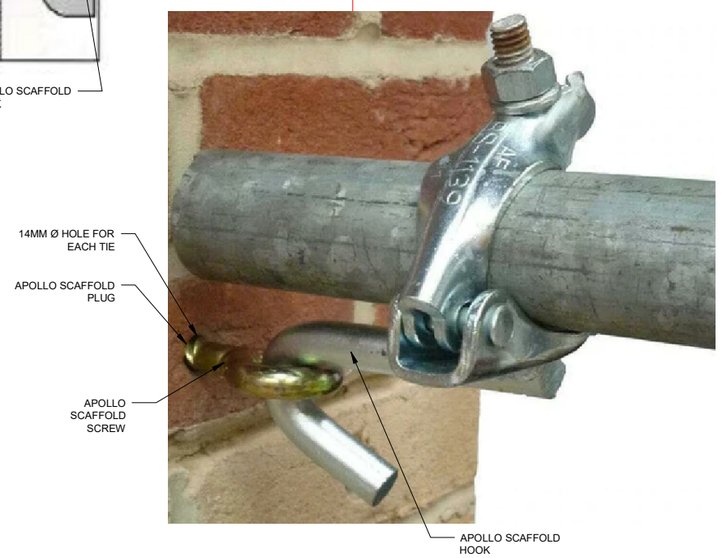


Installation advise

- Selection of the correct plug length:
  70 mm into the face of a base material without render or roughcast.
  100 mm or 135 mm on rendered or roughcast substrates
- Installation possible in concrete, granite or solid base materials: following on site tests, mortar joints
- Before using in holed or slotted bricks, please contact our technical services team
- Holes to be drilled a minimum of 15 mm longer than the plug length
- The minimum anchorage depth and edge distance in structural material to maintain the maximum loads is 70 mm.
- Screw the in screw until the appropriate markings on the screw shank are flush with the plug collar. Screwing any further will not enhance performance.
- Connect the tube using a suitable hook. Apollo offer two different designs. When using the internal style ensure that the tubes and screws are close to being perpendicular to the wall.



External scaffold hook installed



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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
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