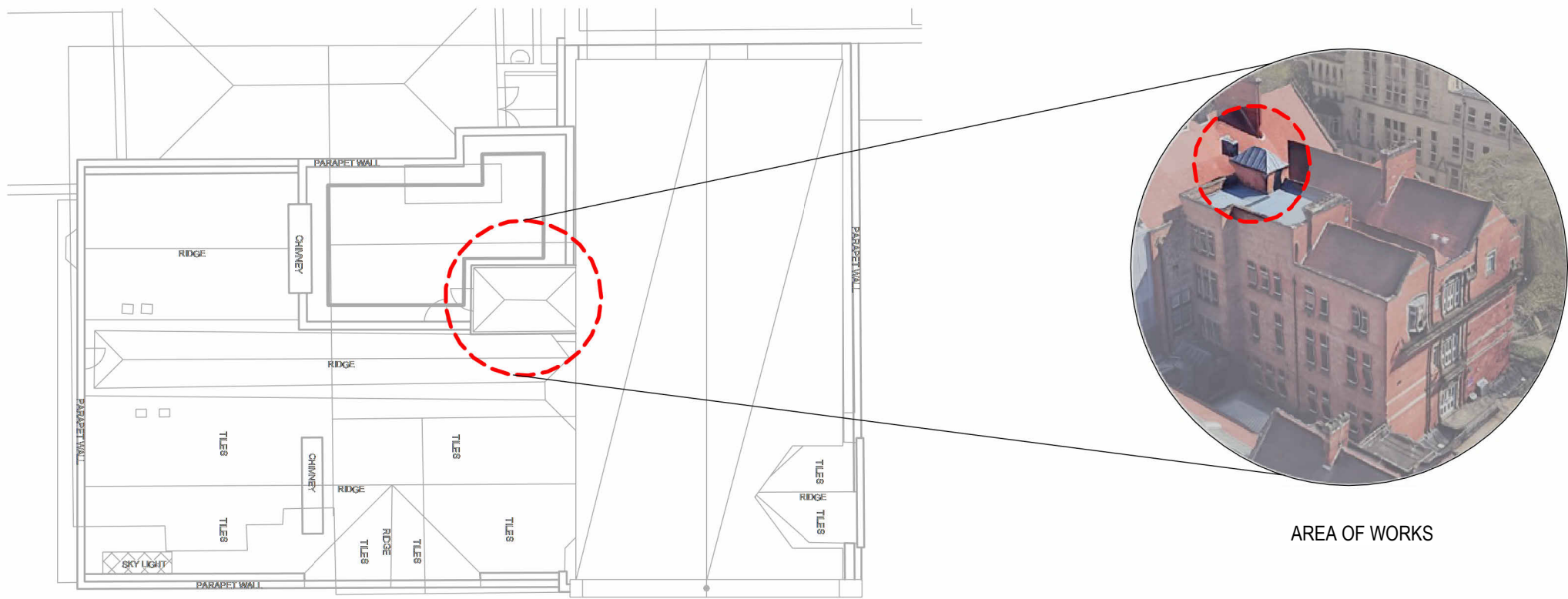
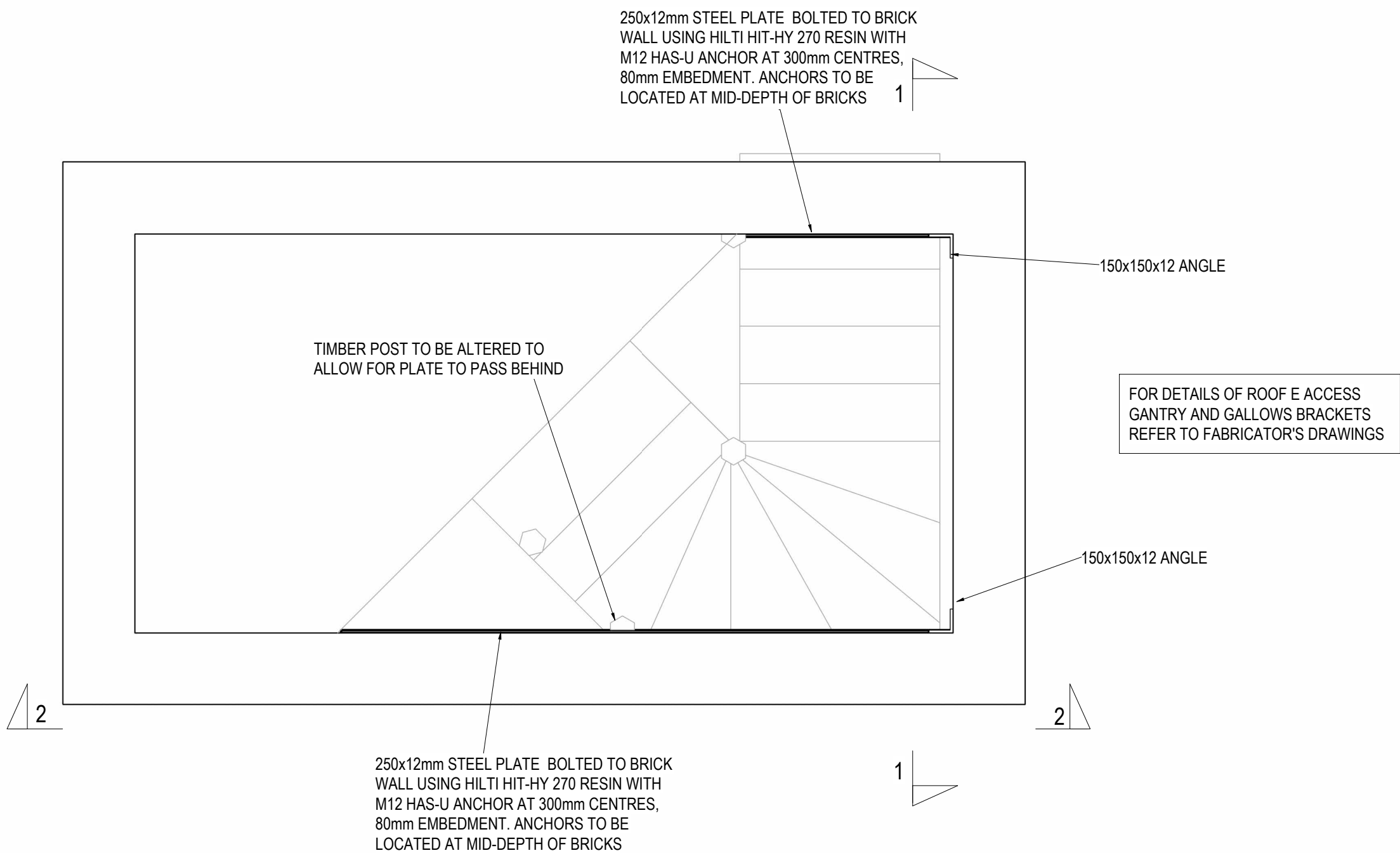
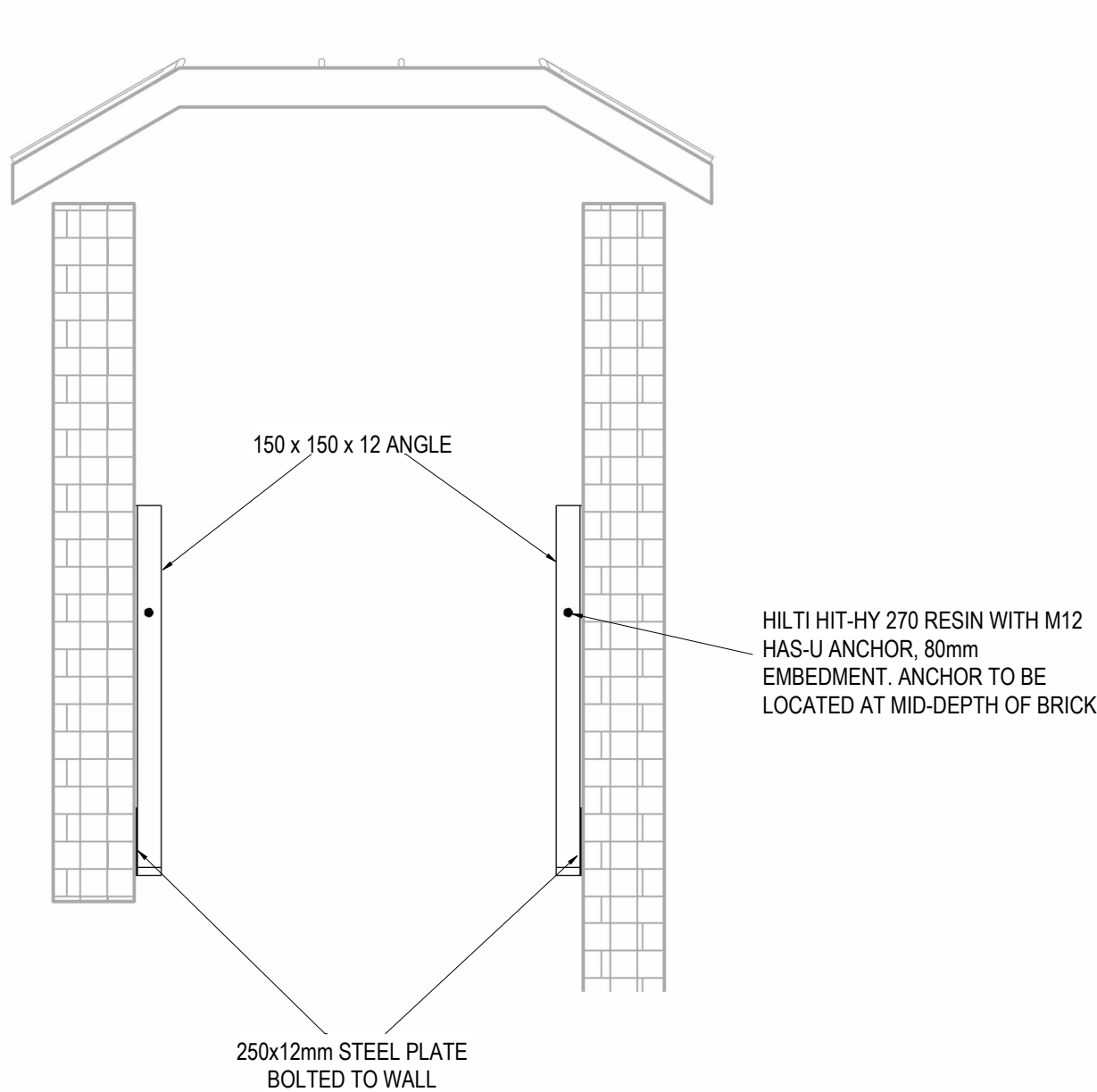




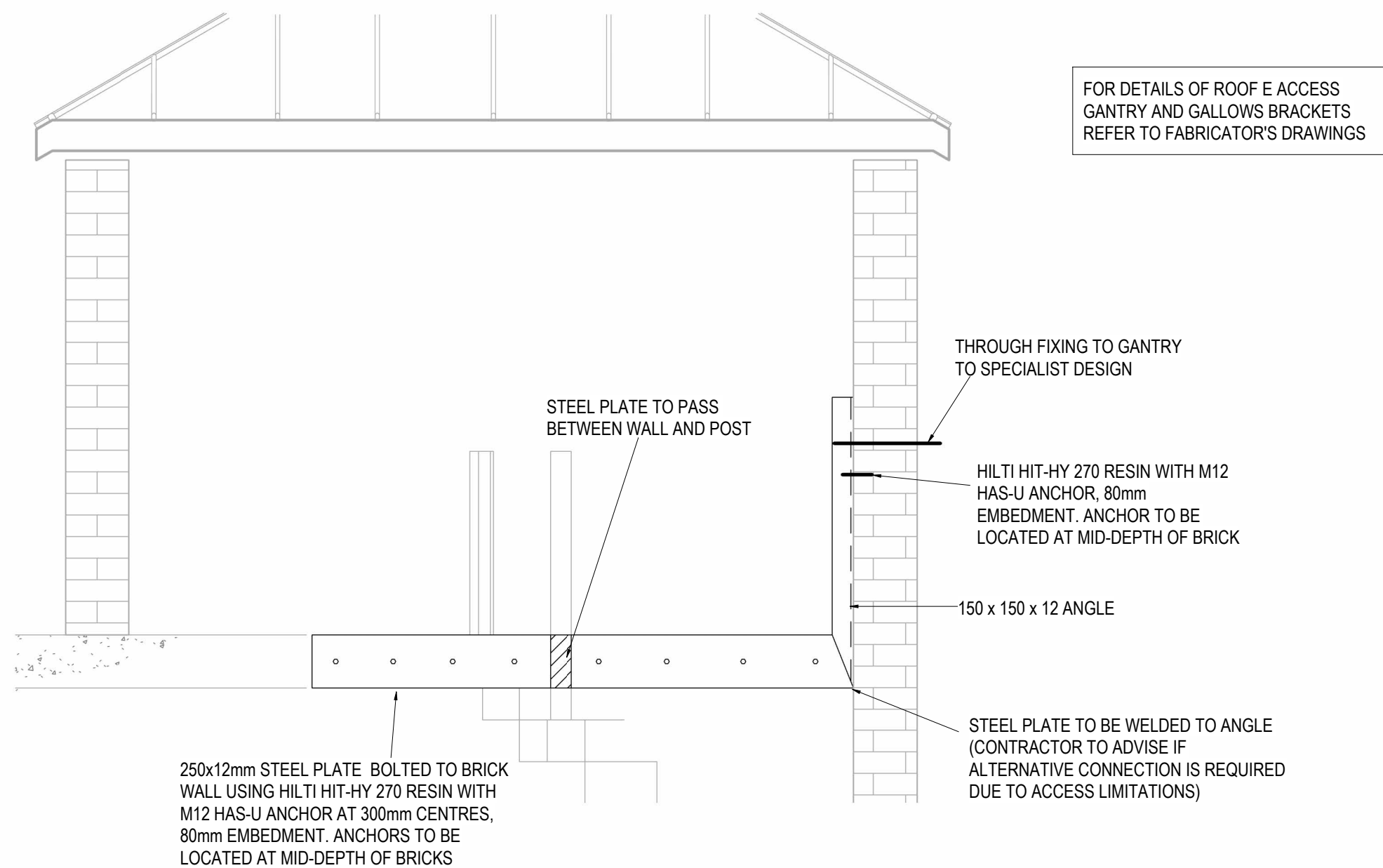
AREA PLAN
(SCALE 1 : 250)



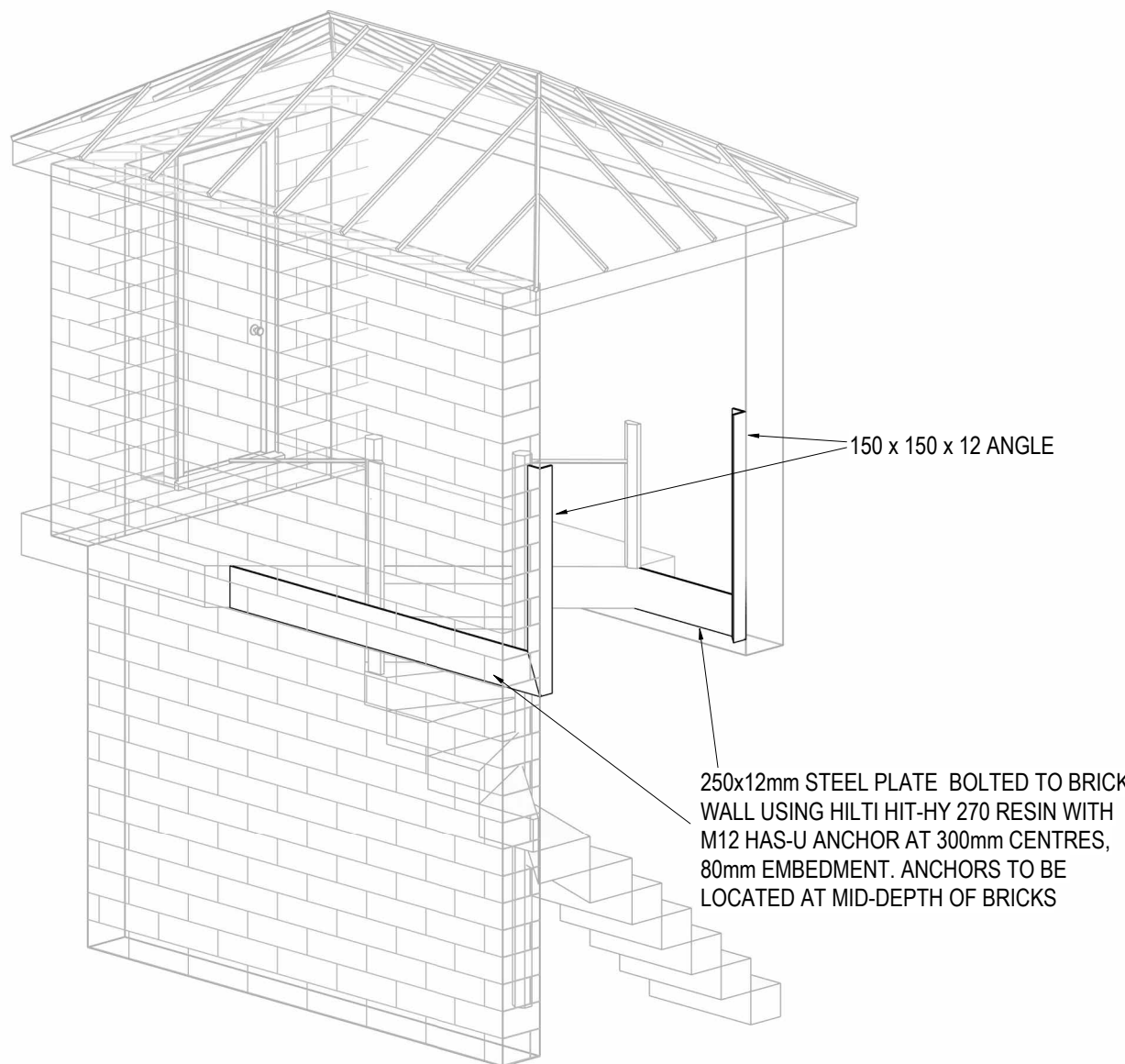
STEELWORK GA
(SCALE 1 : 20)



ELEVATION ON END WALL (1-1)
(SCALE 1 : 25)



ELEVATION OF SIDE WALL (2-2)
(SCALE 1 : 25)



3D VIEW

SUSTAINABILITY

STEEL SHOULD BE RESPONSIBLY SOURCED FROM STEEL PRODUCERS WHO ARE AFFILIATED WITH SUSTAINABLE STEEL INITIATIVES SUCH AS RESPONSIBLE STEELTM AND/OR WHO HAVE PUT IN PLACE NET ZERO EMISSIONS REDUCTIONS TARGETS USING ROADMAP GUIDANCE PROVIDED BY INITIATIVES SUCH AS THE SCIENCE BASED TARGETS INITIATIVE (SBTI).

AS A MINIMUM, THE CONTRACTOR MUST PROVIDE AN ENVIRONMENTAL PRODUCT DECLARATION INCLUSIVE OF EQUIVALENT EMBODIED CARBON FACTOR (ECF) FOR THE PROCURED STEELWORK. THIS ECF SHOULD TARGET THE AVERAGE ECFA13 FOR UK STEELWORK AS NOTED IN THE LATEST EDITION OF THE ISTRUCTE'HOW TO CALCULATE EMBODIED CARBON GUIDE.

THE CONTRACTOR IS TO ENGAGE WITH THE CA OVER THE USE OF RECLAIMED STEELWORK IN PLACE OF VIRGIN STEEL WHERE SPECIFIED.

GENERAL NOTES

- DO NOT SCALE FROM THIS DRAWING WORK TO FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS STATED OTHERWISE.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS ALLOWED WITHOUT PRIOR PERMISSION IN WRITING.
- ALL WORKS TO BE CARRIED OUT IN STRICT ACCORDANCE WITH ALL ARCHITECTS, ENGINEERS AND SPECIALISTS DRAWINGS AND SPECIFICATIONS, RELEVANT EUROCODE AND BRITISH STANDARD CODES OF PRACTICE, STATUTORY HEALTH AND SAFETY/CDM REGULATIONS AND CURRENT BUILDING REGULATIONS.
- FOR SETTING OUT OF INTERNAL WALLS, PARTITIONS, DOOR OPENINGS, STAIRCASES, DUCT OPENINGS, LIFT, EXTERNAL WALLS, WINDOWS ETC. AND DETAILS OF CLADDING, GUTTERS, DOWN PIPES ETC..., REFER TO ARCHITECTS DETAILS.

STRUCTURAL STEELWORK

- STEELWORK FABRICATOR MUST TAKE ACCURATE SITE DIMENSIONS, CHECKING VERTICAL ALIGNMENT, PLUMB AND ALL LEVELS OF THE EXISTING STRUCTURE PRIOR TO ANY FABRICATION. ANY DISCREPANCY BROUGHT TO THE ENGINEERS ATTENTION.
- UNLESS NOTED OTHERWISE, THE EXECUTION CLASS FOR ALL STEELWORK IS TO EXC2.
- STEELWORK TO BE GRADE S355 UNLESS NOTED OTHERWISE. G10/130A-H, & G10/135A & B.

STEELWORK CONNECTIONS

- ALL CONNECTIONS (UNLESS DETAILED) ARE TO BE DESIGNED BY THE STEELWORK CONTRACTOR IN ACCORDANCE WITH BS EN 1993. WHERE CONNECTIONS ARE DETAILED THESE ARE TO BE FABRICATED STRICTLY IN ACCORDANCE WITH THE DRAWINGS.
- THE CONNECTIONS ARE TO BE DESIGNED FOR THE END REACTION FORCES PROVIDED ON THE STRUCTURAL DRAWINGS. THE DESIGNER IS TO REQUEST END REACTION FORCES IF NOT AVAILABLE.
- CONNECTION DESIGNS MUST TAKE INTO ACCOUNT OF THE TIE REQUIREMENTS OF DISPROPORTIONATE COLLAPSE SET OUT IN SECTIONS 6.2 AND 7.3 OF SCI P391.
- ALL CONNECTIONS LOADS ARE FACTORED IN ACCORDANCE WITH BS EN 1993: BS EN 1990 AND THE UK NATIONAL ANNEX.
- FOR COSTING PURPOSES, UNLESS LOADS PROVIDED, SIMPLE CONNECTIONS TO BE IN ACCORDANCE WITH SCI P358 APPENDIX G OR A MINIMUM OR 100kN, WHICHEVER PROVIDES A GREATER CAPACITY.
- MINIMUM BOLTED CONNECTION, INCLUDING BRACING MEMBERS: 2No. M20 BOLTS GRADE 8.8 UNLESS NOTED OTHERWISE. G10/312A.
- ALL WELDING IS TO BE IN ACCORDANCE WITH SPECIFICATIONS G10/255, 270, 271A & 290A. MINIMUM SIZE OF FILLET WELD TO BE 6mm CONTINUOUS UNLESS NOTED OTHERWISE.

PAINTING

- STEELWORK TO BE PAINTED IN ACCORDANCE WITH THE SPECIFICATION AS FOLLOWS, UNLESS NOTED OTHERWISE.

INTERNAL STEELWORK IN HEATED ACCESSIBLE AREAS. SEMI DECORATIVE. C1 ENVIRONMENT G10 WM 640/3

REFER TO ARCHITECTS DETAILS FOR LOCATIONS REQUIRING DECORATIVE FINISH.

CONSTRUCTION

C01	SOLUTION REVISED IN LINE WITH HERITAGE REQUIREMENTS. ISSUED FOR CONSTRUCTION	04.12.25	OC	AJWL
P01	PRELIMINARY ISSUE	NOV '25	OC	AJWL
Rev	Amendment	Date	By	Chkd

RUTHERFORD BUILDING

Client
THE UNIVERSITY OF MANCHESTER

Title
ROOF D STAIR ENCLOSURE STRENGTHENING DETAILS

WML Job No.	Drawn	Checked	Date	Scale
10893	OC	AJWL	NOV '25	As indicated @ A1

WML CONSULTING
Civil, Structural & Geotechnical Engineers
Third Floor South Metropolitan
House Station Road
Cheadle Hulme
SK8 7AZ
Tel : 0161 482 0600
e-mail info@wmlconsulting.com
www.wmlconsulting.com

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