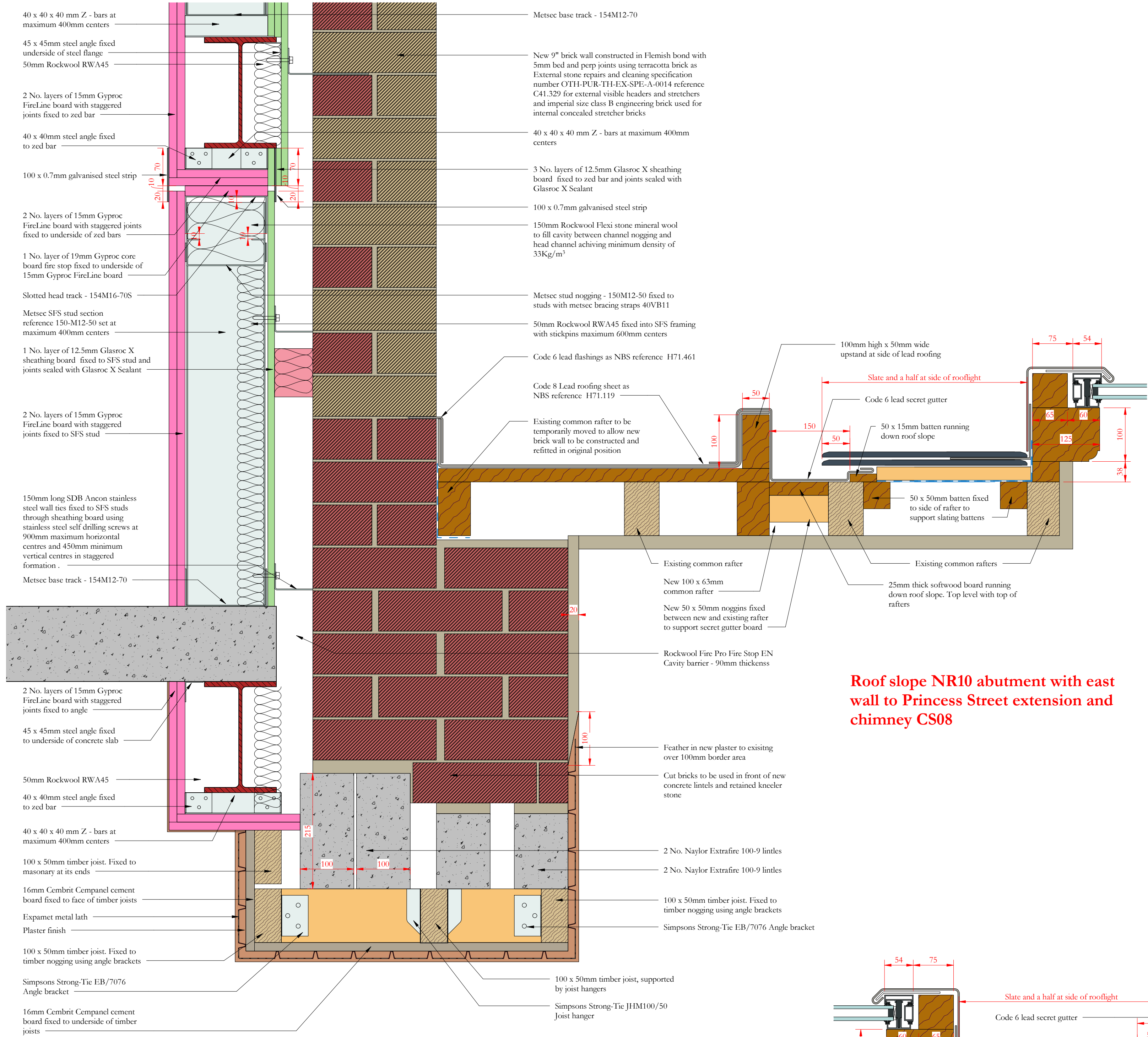
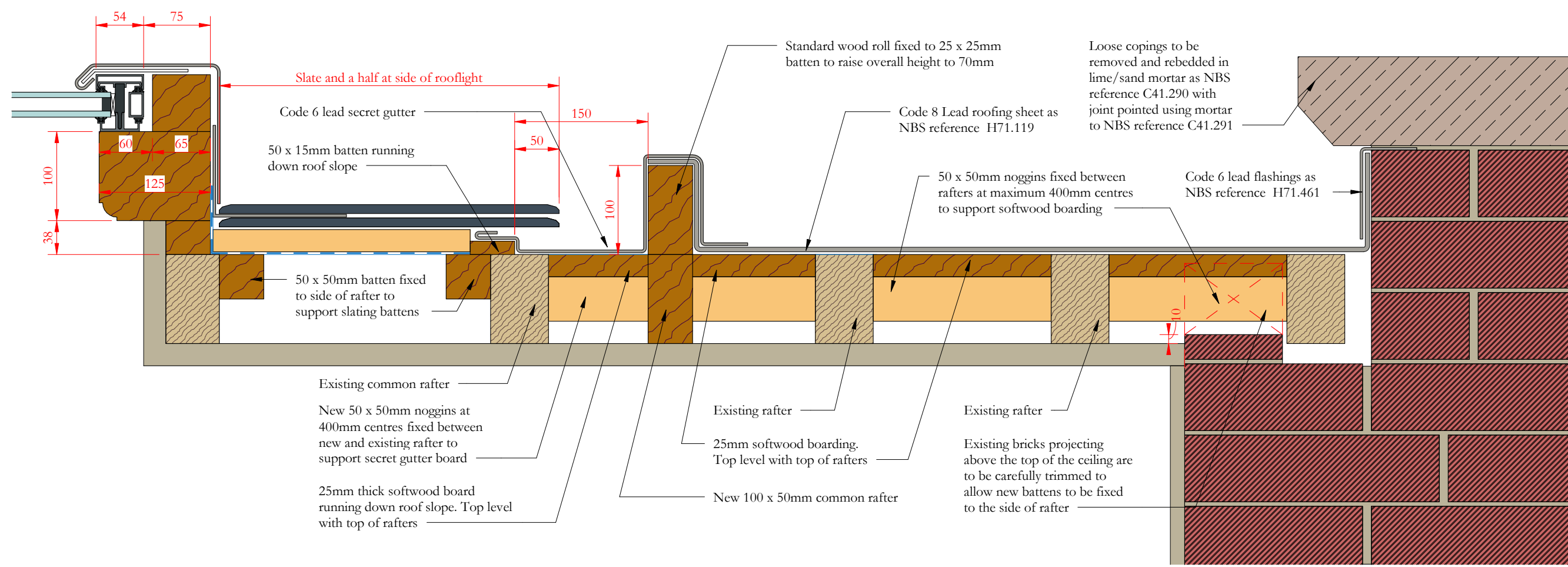
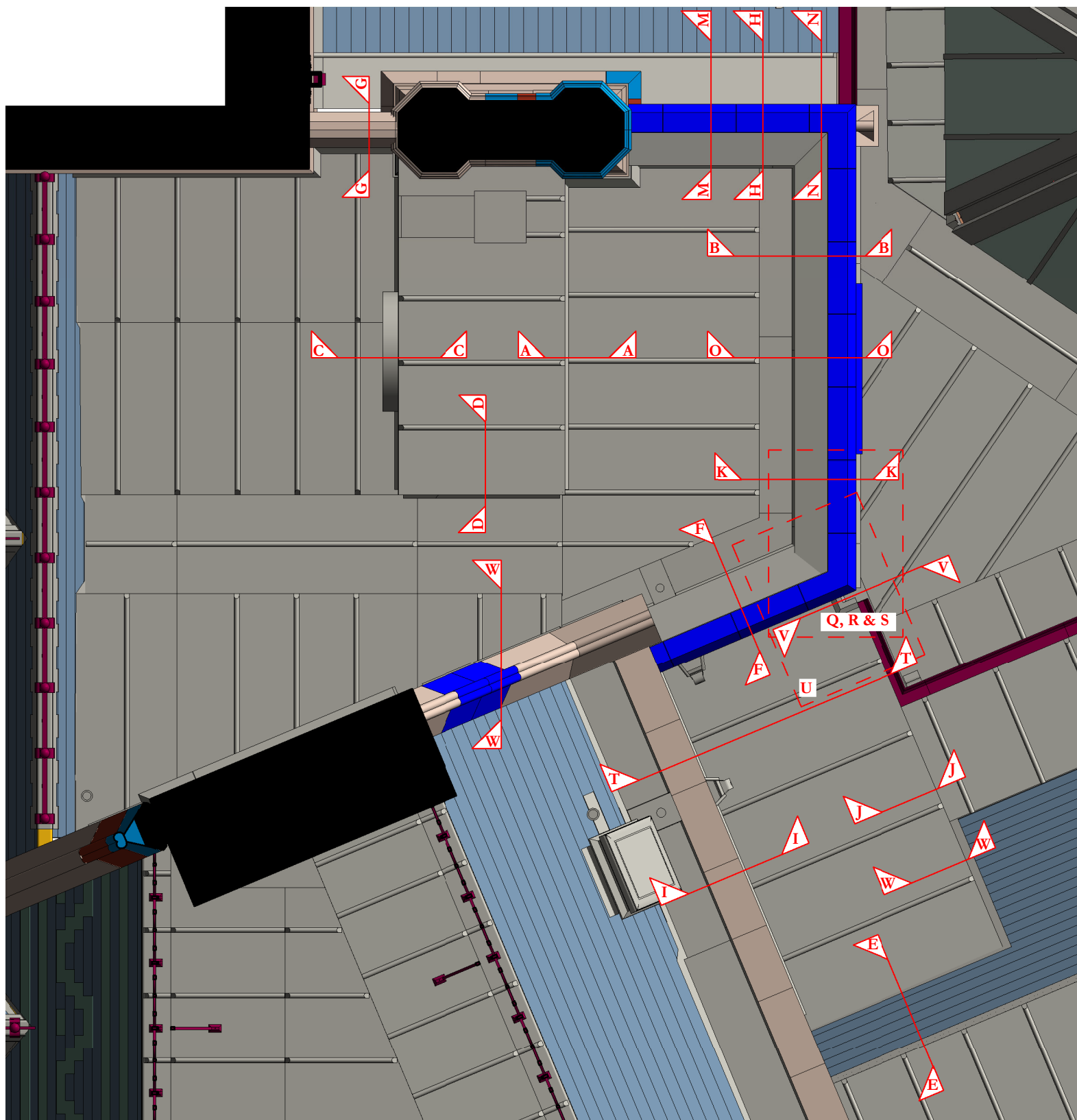




Roof slope NR10 abutment with east wall to Princess Street extension and chimney CS08



Roof slope NR10 abutment with east gable and chimney CS07



For Princess Street Extension details refer to drawings:
OTH-PUR-TH-RF-DWG-A-7022 - Section A-A and B-B
OTH-PUR-TH-RF-DWG-A-7404 - Section C-C, D-D
OTH-PUR-TH-RF-DWG-A-7405 - Section E-E and F-F
OTH-PUR-TH-RF-DWG-A-7406 - Section G-G and H-H
OTH-PUR-TH-RF-DWG-A-7021 - Section I-I and J-J
OTH-PUR-TH-RF-DWG-A-7042 - Section K-K and L-L
OTH-PUR-TH-RF-DWG-A-7408 - Section M-M
OTH-PUR-TH-RF-DWG-A-7459 - Section N-N
OTH-PUR-TH-RF-DWG-A-7423 - Section O-O and P-P
OTH-PUR-TH-RF-DWG-A-7425 - Section Q-Q, R-R and S-S
OTH-PUR-TH-RF-DWG-A-7428 - Section T-T
OTH-PUR-TH-RF-DWG-A-7471 - Section U-U and V-V
OTH-PUR-TH-RF-DWG-A-7643 - Section W-W

Timber fixings:

Sarking board to be fixed to bearers using 65mm long 5mm diameter countersunk stainless steel wood screws

50 x 50 bearers to be fixed to firings using 100mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres

Firings to be skew screwed to joists using 125mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres

Ventilation battens to be fixed to masonry using 125mm long 5mm diameter countersunk stainless steel wood screws in nylon plugs screws at maximum 400mm centres

Ventilation battens to be fixed to timber using 125mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres

Studs to be skew screwed to base and head plates with 125mm long 5mm diameter countersunk stainless steel wood screws 2 No screws per stud

Noggins to be skew screwed to studs with 125mm long 5mm diameter countersunk stainless steel wood screws 1 No screw to each stud

Sole plates to be fixed to steel beams using M12 bolts at 600mm centres, staggered each side of web. Provide 14mm diameter pre-drilled holes to the top flange

Joists fixed to steel using Simpson Strong-Tie ABR105 brackets to both sides of the joist, secured with 2 No M12 bolts to the universal beam and 10 No 25mm long 4/0mm diameter nails to joist

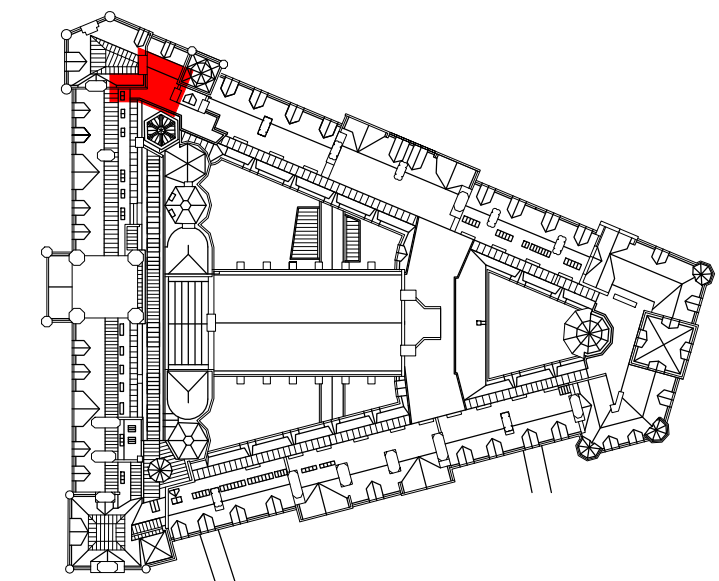
Joists fixed to masonry with M12 threaded anchors with HILTI HIT-HY270 resin at 600mm centres with 130mm embedment

Joists fixed to supporting timber work with 2 No 75mm long 5mm diameter wood screws

Joists fixed to joists using M12 bolts at 600 mm centers staggered bolt pitch 120mm

Scale Bars to be used as guidance only - refer to sheet size below									
1:100	mm	1000	2000	3000	4000	5000	6000	7000	8000
1:200	mm	500	1000	1500	2000	2500	3000	3500	4000
1:500	m	10	20	30	40	50	60	70	80
1:1250	m	10	20	30	40	50	60	70	80

Notes:
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing of any discrepancies.



Revision 04: Width of secret gutter increased from 75mm to 150mm. Timber batten roll between lead roofing and secret gutter changed to 100 x 50mm batten. Notes added regarding re-bedding loose copings and removing brick at side of rafters on east side of roof. Rooflight frames added to details to show relationship between secret gutter and slate at side of rooflights

Revision 03: Timber and SFS fixing notes added

Revision 02: Brick tie setting out amended. Steel angle added to beam for fixing wall ties. Encasement detail for beam adjacent to wall amended. Rockwool Fire Pro cavity barrier added.

Revision 01: SFS channel below the deflection head detail changed to stud section fixed with straps. Location of insulation changed and notes added regarding fixings to support the insulation

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
04	10/02/2025	JC	GR	See note in revision cloud
03	28/03/2024	GR	JRC	See note in revision cloud
02	01/02/2024	GR	JRC	See note in revision cloud
01	16/11/2023	GR	JRC	See note in revision cloud



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PROJECT STATUS RIBA Stage 5

CLIENT Manchester City Council

PROJECT Our Town Hall

DRAWING TITLE Princess Street extension detail section MM and details to roof NR10

SIZE & SCALE A1:As indicated

DRAWING STATUS S4 Construction

JOB NUMBER 236959

DRAWING NO. OTH-PUR-TH-RF-DWG-A-7408 04

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