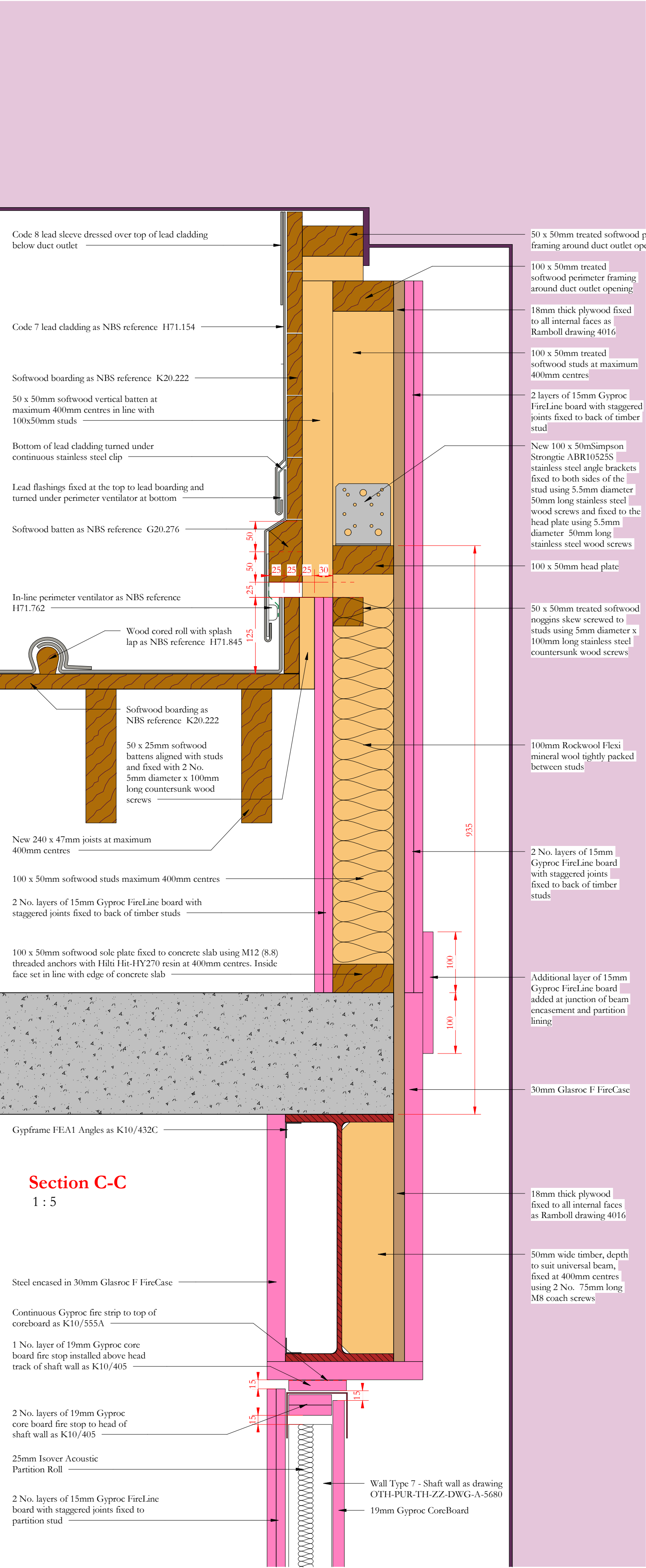
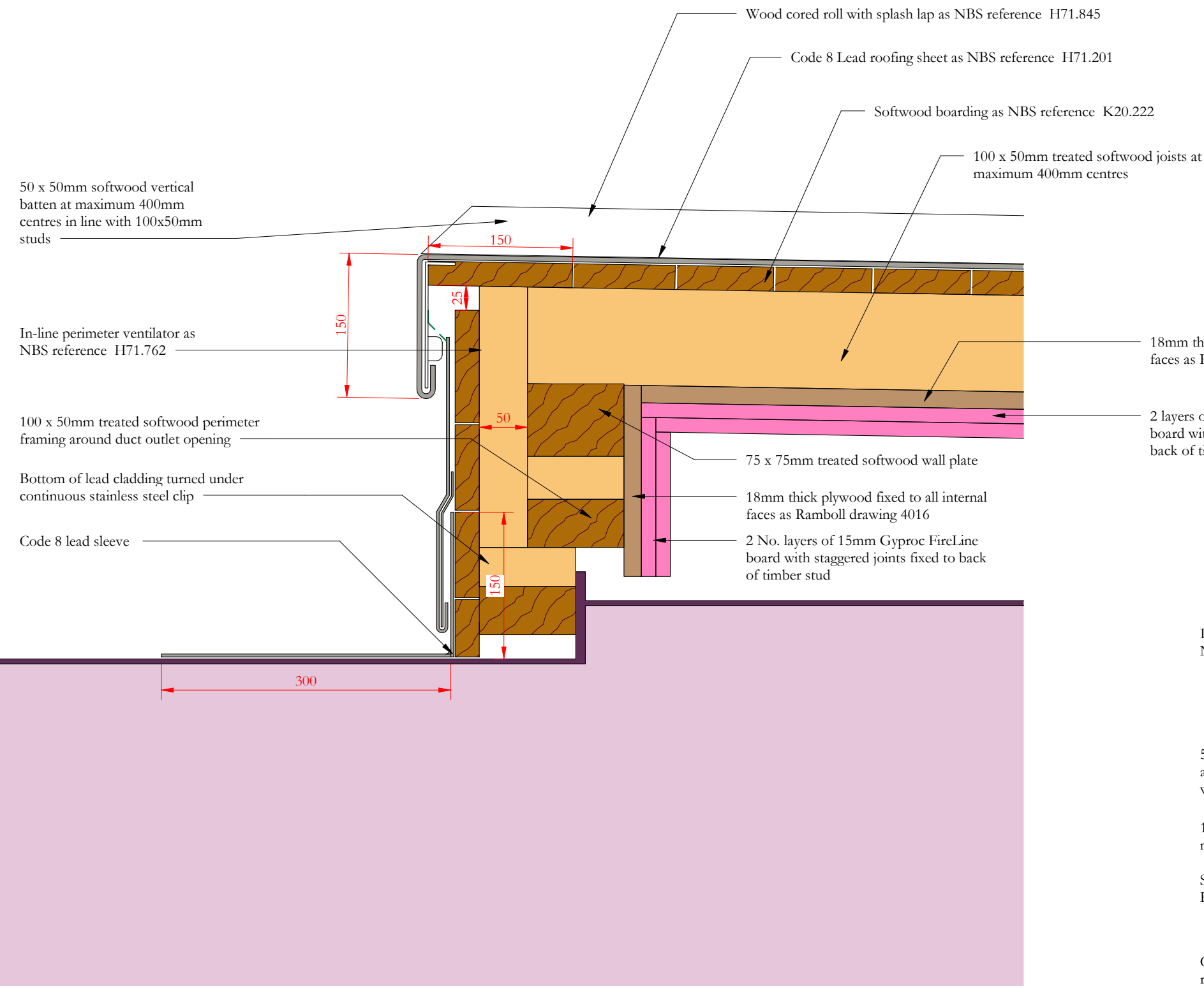
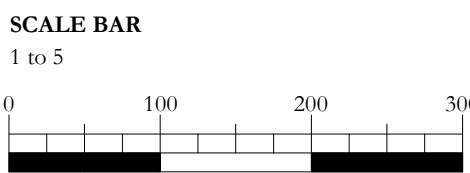
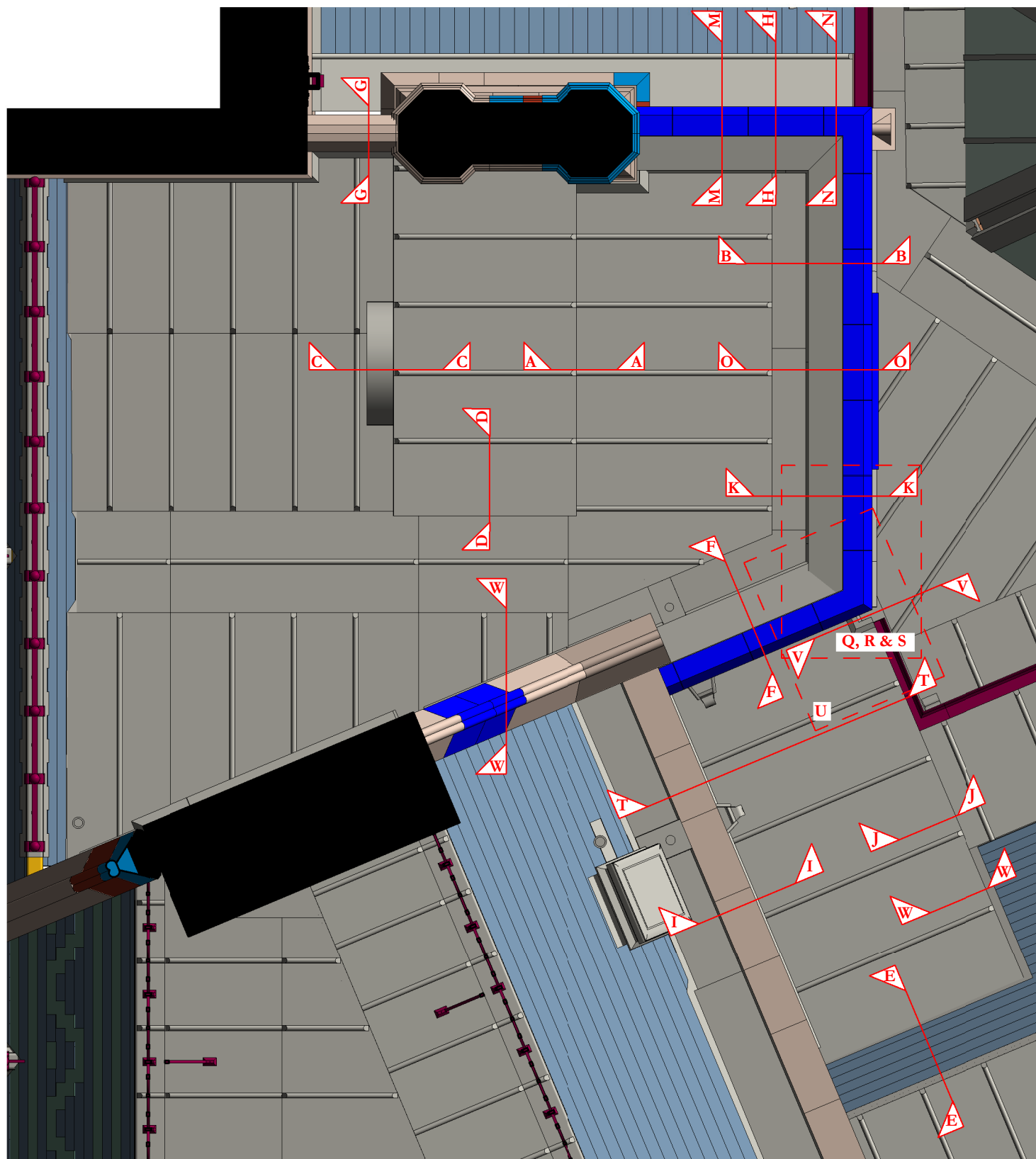




Section C-C
1 : 5



Section D-D
1 : 5



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

For Princess Street Extension details refer to drawings:
OTH-PUR-TH-RF-DWG-A-7459 - Section N-N
OTH-PUR-TH-RF-DWG-A-7425 - 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 studs using 125mm long 5mm diameter countersunk stainless steel wood screws. 2 No screws per stud

Noggins to be skew screwed to studs using 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 16mm diameter pre-drilled holes to the top flange

Joists fixed to steel using Simpson Strong-Tie ABR105 brackets to both sides of the joint, secured with 2 No M12 bolts to the universal beam and 10 No 25mm long 4.6mm diameter nails to joist

Joists fixed to masonry with M12 headed 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 600mm centres staggered bolt pitch 120mm

Revision 03: Head plate shown fixed to top of 100 x 50mm softwood studs to allow for phased construction of duct outlet housing. Vertical timber battens shown fixed to 100 x 50mm timber studs to maintain ventilation behind lead cladding. 18mm plywood inner lining extended to bottom of steel beams to correspond with Ramboll's details. Beam encasement detail amended with encasement omitted from top of concrete slab and Rockwool mineral wool added in gap between studs below roof level.

Revision 02: 18mm plywood added to internal faces of duct outlet enclosure as shown on Ramboll drawing 4016. Size of double timber beams amended to correspond with Ramboll drawing 4015. Notes amended to include additional fixing details

Revision 01: Gyproc 15mm Fireline Duplex amended to Gyproc 15mm Fireline board. Steel encasement updated in line with DWG 5689. Timber fixing note added

03	10/04/2025	GR	JRC	See note in revision cloud
02	22/04/2024	GR	JRC	See note in revision cloud
01	28/03/2024	GR	JRC	See note in revision cloud
-	09/10/2023	GR	JRC	First issue

ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION
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PROJECT STATUS RIBA Stage 5

CLIENT Manchester City Council

PROJECT Our Town Hall

DRAWING TITLE Princess Street extension
roof NRp01 detail sections
C-C and D-D

SIZE & SCALE A1:As indicated

DRAWING STATUS S4 Construction

JOB NUMBER 236959

DRAWING NO. **REV**

OTH-PUR-TH-RF-DWG-A-7404 03

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