

3d view showing brick walls to be removed

On
ren
app
110
joist

Existing
to be rem

One course of brick removed to
form recess approx 300mm long
110 wide to for fitting joist
adjacent to wall

50 x 50mm gutter
bearers at max

3d view showing new timber structure

brick
m recess
long x
fitting
o wall

250 x 75mm treated
C24 softwood beam
fitted adjacent to wall
into recess formed in
brick at top of wall

brick walls
oved

m treated C24
beam spanning
to wall. Beam
ed up at
necessary to
ight required

3d view showing lead roof covering

gutter bearers at 900mm centres on firings to fall right 25mm at south

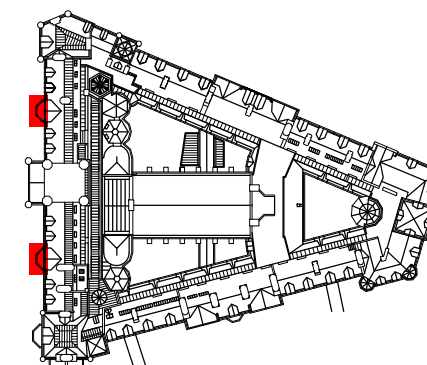
Perimeter ventilation detail

900mm bearers at 900mm centres

on joists at 900mm centres

B A

Key Plan



Revision 01: Removal of existing brick and stonework added. Setting out and construction information added. Additional sections and views added. Status updated to S4 Construction

01	10/01/2025	JC	GR	See note in revision cloud
-	02/03/2020	JC	GR	First issue
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



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HALL
PROJECT



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PROJECT STATUS **RIBA Stage 5**

CLIENT	Manchester City Council
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PROJECT	Our Town Hall
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DRAWING TITLE **Albert Square north and south bay window lead roofs**

SIZE & SCALE	[A3] As indicated
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DRAWING STATUS **S4 Construction**

JOB NUMBER 236959

DRAWING NO.	REV
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OTH-PUR-TH-RF-DWG-A-4399 01

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250 x 75mm treated C24 softwood beam fitted adjacent to wall into recess formed in brick at top of wall

Datum top of coping

210

295

700

800

250

Fall 35mm

2400

Diagram illustrating the cross-section of a parapet wall and coping assembly. The diagram shows a brick wall with a recess at the top. A 250 x 75mm treated C24 softwood beam is fitted into this recess. The coping is shown with a datum line at the top. Dimensions include a total height of 700mm, a coping height of 210mm, a wall height of 295mm, a coping thickness of 800mm, a beam height of 250mm, and a total width of 2400mm. A fall of 35mm is indicated for the coping surface.

Section A-A

Perimeter ventilation detail

Flashing in joint below coping

100 x 50 runner to gutter fall fixed to side of joist using 100mm long x 8mm diameter stainless steel coach screws at 400mm maximum centres

Drip 60mm

Fall 35mm

Drip 60mm

Fall 35mm

100mm at north end

2400

100

470

2

C

Section B-B

50 x 50mm gutter bearers at max 400mm centres

Perimeter ventilation detail

75 x 50mm perimeter support

100 x 50mm joists at max 400mm centres

Fall 20mm

450

125

50

100

470

800

250

320

1 to 50

SCALE BAR

0 1m 2m 3m

- 75mm wide softwood firrings minimum depth 25mm at south side

50 x 50mm bearers at
max 400mm centres

- Refer to drawing 7651 for details of chute outlet

C

100 x 50mm
joists at max
400mm centres

100 x 75mm treated
4 softwood beam

ing in joint below coping

100 x 50mm bearers at
max 400mm centres

1

Conclusion

ction

See

Plan showing timber framing

Technical drawing of a roof plan showing timber framing, gutter, and ventilation details. The drawing includes the following elements:

- Perimeter ventilation detail:** Indicated by red arrows pointing to the eaves on both the left and right sides.
- Gutter and Bearer Details:**
 - 50 x 50mm gutter bearers at maximum 400mm centres on 75mm wide firrings to fall minimum height 25mm at south end:** A red line with an arrow points to the gutter bearers.
 - 250 x 75mm treated C24 softwood beam fitted adjacent to wall into recess formed in brick at top of wall:** A red line with an arrow points to the beam.
- Fall and Dimensions:**
 - Fall 20mm:** Indicated by red arrows pointing towards the right side of the roof.
 - Fall 35mm:** Indicated by red arrows pointing towards the right side of the roof.
 - Fall 60mm:** Indicated by a red arrow pointing towards the right side of the roof.
 - 2400:** A dimension line indicating the width of the roof section.
 - 150:** A dimension line indicating the width of the gutter.
- Section Lines:**
 - A-A:** A section line at the bottom right corner.
 - B-B:** A section line at the bottom left corner.
- Other Labels:**
 - Drip 100mm at north end:** A red arrow points to the north end of the roof.
 - Drip 60mm:** A red arrow points to the drip edge.

Plan showing timber framing

Plan showing lead roof covering

1 to 50
SCALE BAR

0 1m 2m 3m