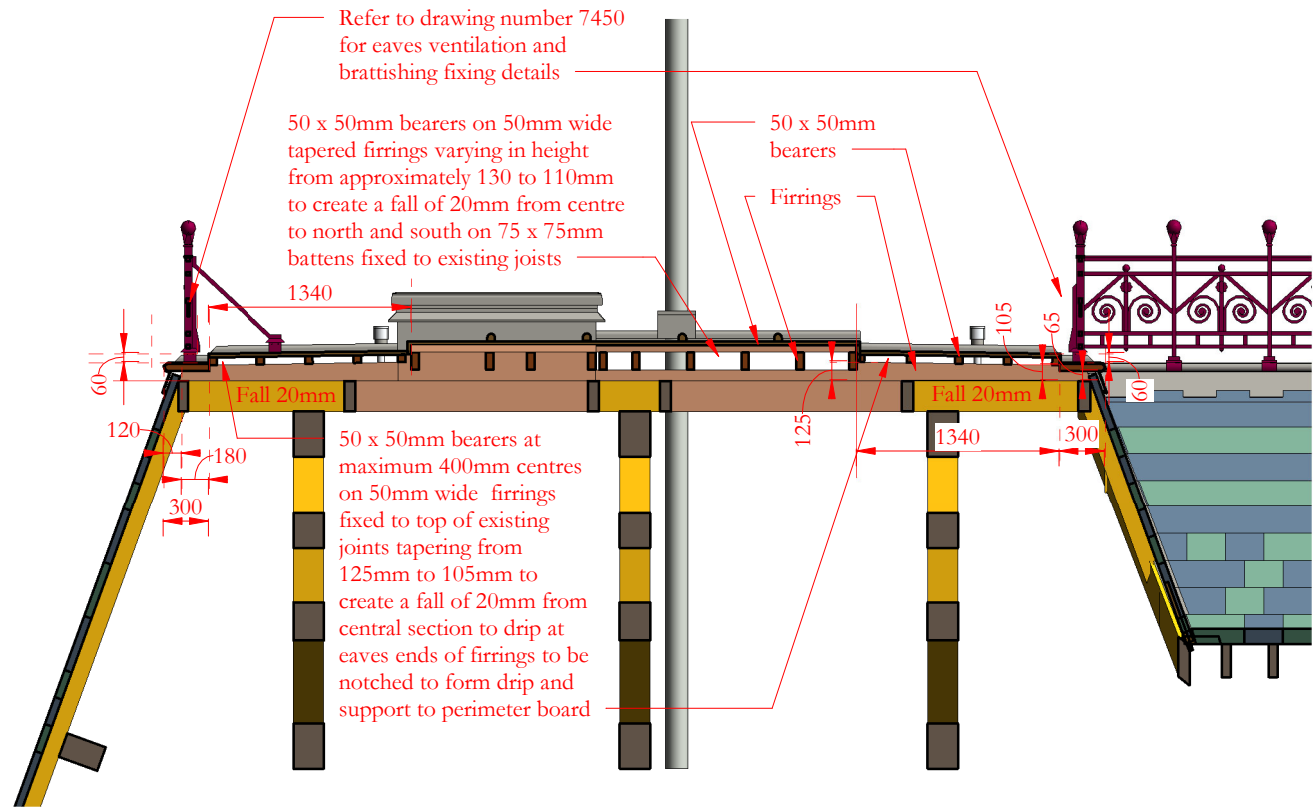
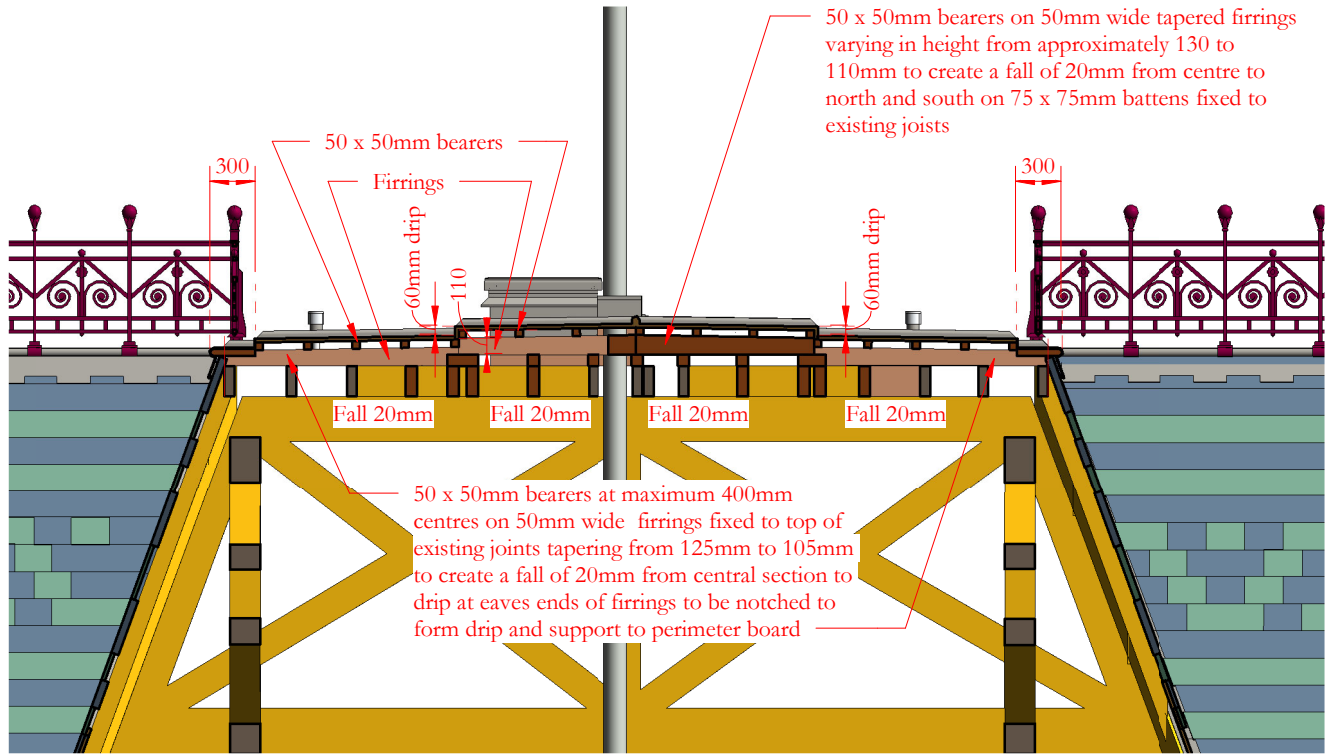




Cross section from east to west
1 : 50



Cross Section from north to south
1 : 50

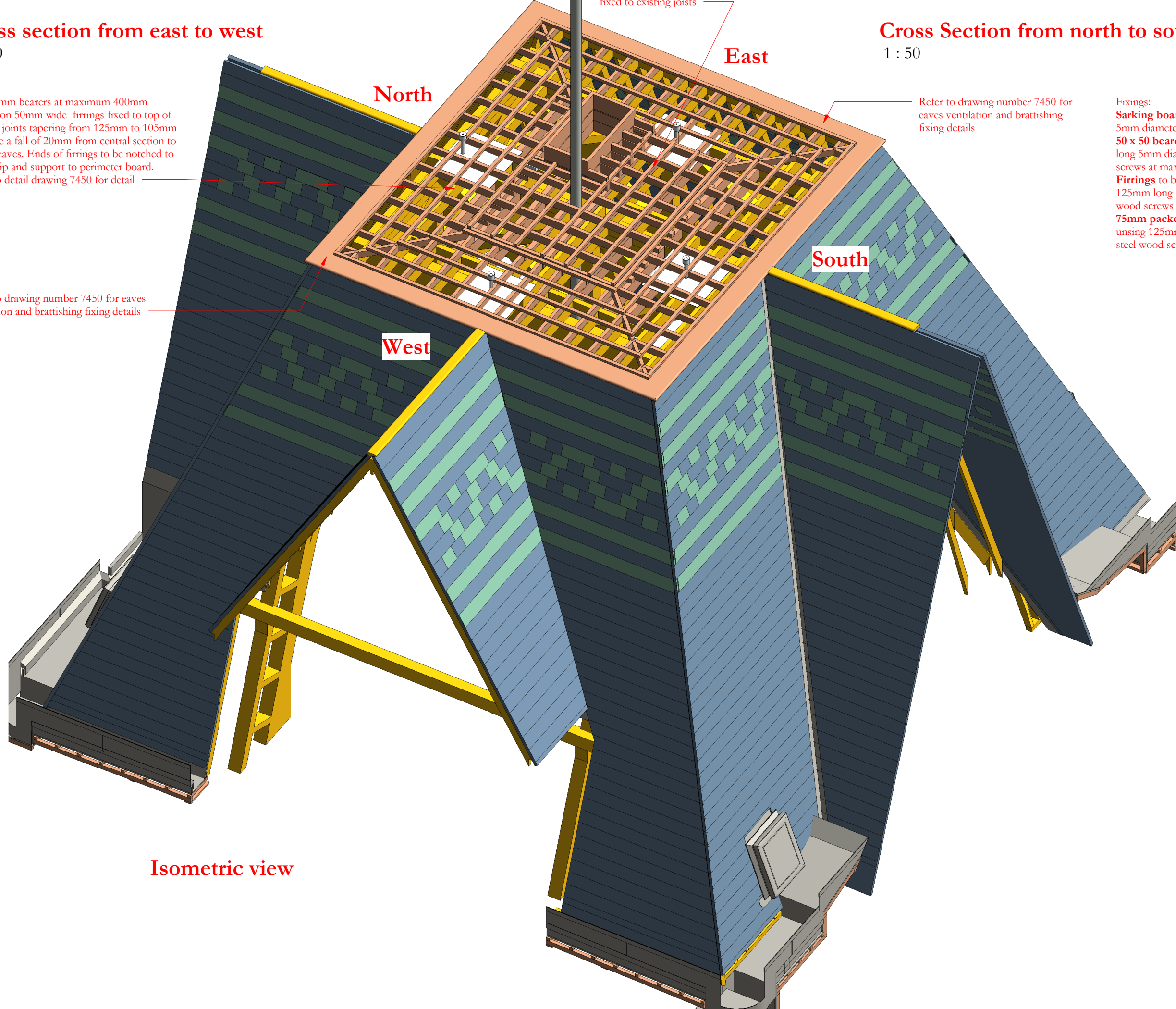
50 x 50mm bearers at maximum 400mm centres on 50mm wide firrings fixed to top of existing joints tapering from 125mm to 105mm to create a fall of 20mm from central section to drip at eaves. Ends of firrings to be notched to form drip and support to perimeter board. Refer to detail drawing 7450 for detail

Refer to drawing number 7450 for eaves ventilation and brattishing fixing details

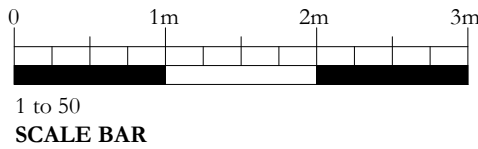
50 x 50mm bearers on 50mm wide tapered firrings varying in height from approximately 130 to 110mm to create a fall of 20mm from centre to north and south on 75 x 75mm battens fixed to existing joists

Refer to drawing number 7450 for eaves ventilation and brattishing fixing details

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 firrings using 100mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres
Firrings to be skew screwed to existing joists using 125mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres
75mm packers to be screwed to top of existing joists using 125mm x 5mm diameter countersunk stainless steel wood screws

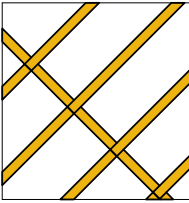


Isometric view

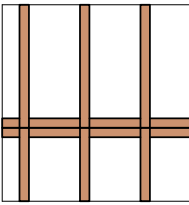


Notes:
Drawings are based on survey data and may not accurately represent what is physically present.
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.
All dimensions are in millimeters unless noted otherwise.
Purcell shall be notified in writing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

KEY



Existing softwood joists, rafters and framing



Proposed softwood joists, rafters and framing

Revision 01: Structure for lead flat roof reconfigured to take into account level of existing roof joists following removal of plywood, timber framing, original sarking board and firrings

-	16/05/2023	GR	JRC	First issue
01	12/03/2024	JC	GR	See note in revision cloud
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



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HALL
PROJECT



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PROJECT STATUS **RIBA Stage 5**

CLIENT **Manchester City Council**

PROJECT **Our Town Hall**

DRAWING TITLE **Roof WR23 cross sections and isometric view**

SIZE & SCALE **A2: As indicated**

DRAWING STATUS **S4 Construction**

JOB NUMBER **236959**

DRAWING NO. **OTH-PUR-TH-RF-DWG-A-4432 01**

REV

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