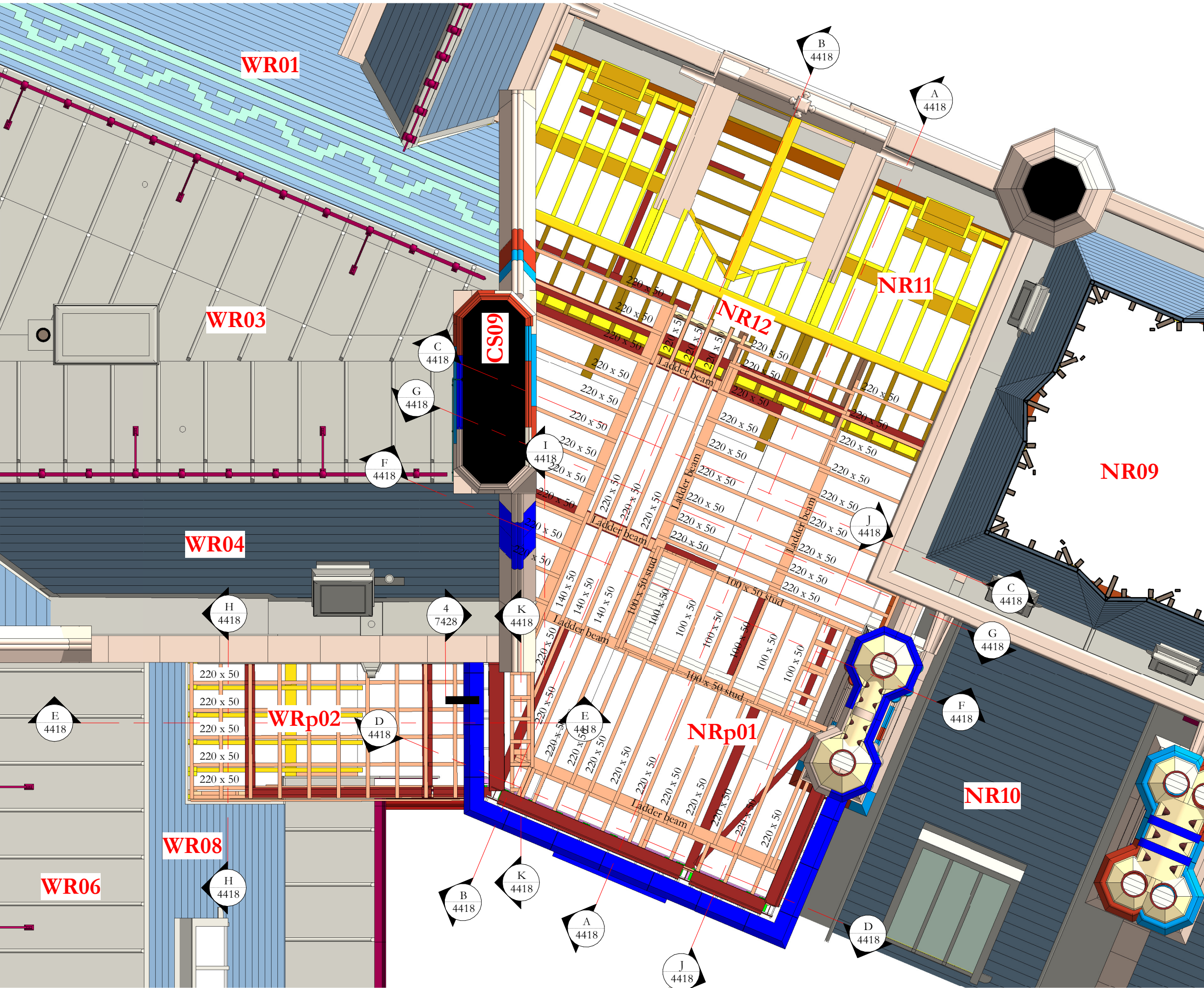




Timber fixings:

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 firrings using 100mm long 5mm diameter countersunk stainless steel wood screws at maximum 400mm centres

Firrings 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 joist 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	3000	5000	7000	
1:200	mm		5000	8000	10000	12000
1:500	M	5	15	25	35	
1:1250	M	10	30	50	70	90

Notes:

Drawings are based on survey data and may not accurately represent what is physically present.

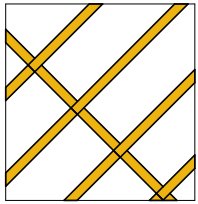
Do not scale from this drawing. All dimensions are to be verified on site before proceeding with the work.

All dimensions are in millimeters unless noted otherwise.

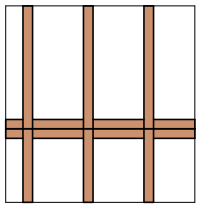
Purcell shall be notified in writing of any discrepancies.

Key Plan

KEY



Existing softwood joists, rafters and framing



Proposed softwood joists, rafters and framing

Revision 01: Timber fixing note added

-	03/11/2023	GR	JRC	First issue
01	27/03/2024	GR	JRC	See note in revision cloud
ISSUE	DATE	APPROVED	DRAWN	DESCRIPTION



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PROJECT



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PROJECT STATUS RIBA Stage 5

CLIENT Manchester City Council

PROJECT Our Town Hall

DRAWING TITLE Roof NRp01 plan of new timber roof structure

SIZE & SCALE A2: As indicated

DRAWING STATUS S4 - Construction

JOB NUMBER 236959

DRAWING NO. **REV**

OTH-PUR-TH-RF-DWG-A-4453 01

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