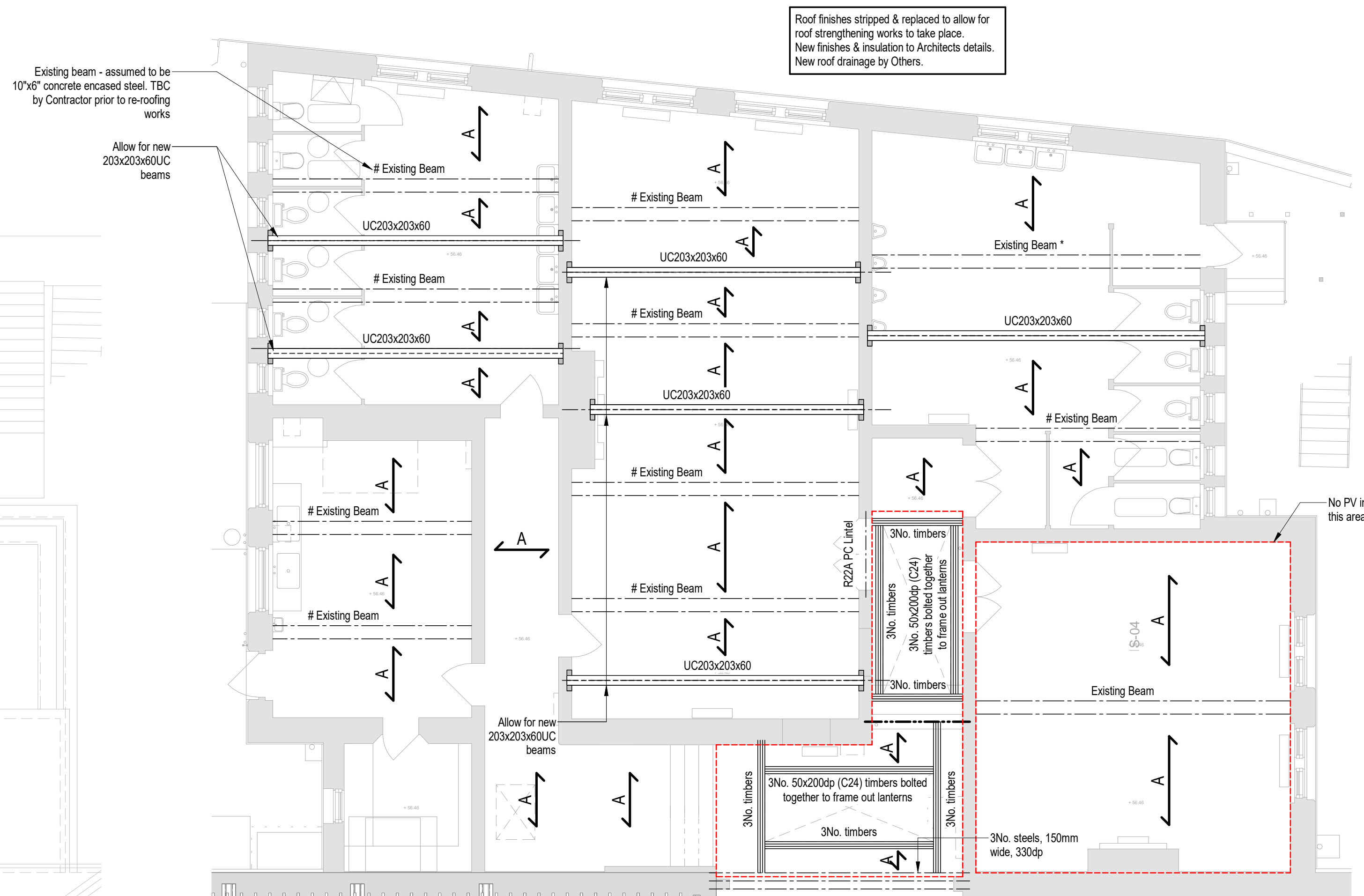


## Demolition Works

1:75



Note:

- It might be possible to re-use existing beams subject to confirmation & analysis of existing sizes & connections.
- Allow for 440x215x100 concrete padstone under all new steel beams.

Pot and Beam in this area to be carefully removed and

All existing beams shown on plan to remain are to be inspected on site by the Project Engineer for analysis prior to any works

\* Denotes 10"x6" concrete encased steel beam confirmed by intrusive works survey beam investigated on Site.

Remainder of Existing Beams denoted with # to be investigated.

Remainder of Existing Beams denoted with # to be investigated.

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Structural Design Loadings - Flat Replacement Roof - Single-ply with PV:

1. Barnsley Marshall Ltd. have carried out structural design using loadings in accordance with Eurocode 1 BS EN 1991 as set out below.
2. Where applicable, all Subcontractor-designed components are to be designed using the same values.
3. All loadings are stated in kN/m<sup>2</sup> unfactored SLS.

### Permanent Loads

Single-ply membrane	= 0.30
Insulation	= 0.15
Clay Pot System	= 2.25
Plaster ceiling	= 0.25
Services	= 0.15

### Variable Loads

Maintenance Access	= 1.50
PV Array (Ballasted)	= 0.60

Safety, Health & Environmental Information:

In addition to the hazards and risks normally associated with the types of work detailed on this drawing, please note the significant hazards identified by this symbol, and described below:

Construction:

Maintenance / Cleaning / Operation:

Demolition:


### General Notes

1. Do not scale from this drawing.
2. All dimensions are in millimetres (mm), all levels in metres (m) unless noted otherwise.
3. Discrepancies or omissions are to be reported to the Engineer prior to work commencing.
4. Materials and workmanship are to comply in all respects with current British Standard Specifications, Codes of Practice, and Building Regulations Approved Documents.
5. The copyright of this drawing is vested in the Engineer and must not be copied or reproduced without written consent.
6. The Contractor is to check and verify all building and site dimensions, levels and sewer invert levels at connection points before work commences.
7. This drawing is to be read in conjunction with all relevant specifications and drawings issued by the Engineer, Architect and other Specialists.
8. All steel sizes are indicative only and subject to confirmation of loadings and coordination
9. All structural layouts are indicative only and subject to coordination with Design Team. Current design is coordinated with the following:  
Architects drawings - received 26-06-2024

Timber

1. All timber to be grade C24 unless stated otherwise on the drawing.
2. Internal timbers are to be treated using organic solvent Type I/II by double vacuum preservative treatment to BS: 2628 part 5: 1997.
3. External timbers are to be treated in accordance with BS: 8417 using water based preservative (EN 599) by high pressure vacuum process to achieve 30 years extended life specification for BS EN 335-1 use Class 4.
4. All timber fixings are to be galvanised.
5. All site-cut / drilled surfaces are to be re-treated before fixing with an appropriate preservative.

6. Span key:

 Denotes Pot & Beam system to be retained

Damp-Proofing Notes

1. All new damp-proofing is to Specialist Subcontractors design and details.
2. This drawing must be read in conjunction with the timber and damp survey
3. Any recommendations for remedial work and repair to be included in the Stage 3 Cost Plan.

P04	ZJ / BW	25.09.24	Drawings revised to Architects latest comments
P03	ZJ / NJ	13.09.24	RIBA Stage 3 Preliminary issue
P02	ZJ / BW	29.08.24	Interim Drawings
P01	CW / BW	01.09.23	RIBA Stage 2 - Preliminary issue
Revision	Bv / Ch/d	Date	Description

PRELIMINARY DRAWING  
This drawing is not to be used for construction

Project RIBA Stage 3,  
Shire Hall,  
Hereford, HR1 2JB

Client



### Low Level Flat Roof

Drawn by CW Date 01.09.2023

Drawing No.							Revision
Project	Originator	Volume	Level	Type	Role	Number	
SHL-BML-XX-RF-DR-S-0111							P04

BML Job No.	Status
1041-004	-

Drawing Scale at A1: As indicated

RVT File Path: C:\Users\ZaymJanjus\OneDrive - hmsshare\Documents\SHL - RM - XX-77-M3-S-0001\_zaym\XRAY.rvt RVT Version: 202

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