

**Section A-A**  
Structural diagram of the current roof

**DRAWING NOTE:**

This drawing represents a record of our site investigations carried out in June and November 2024. It shows the as-seen structural layouts and provides commentary of condition of remaining historic and adequacy of recently installed elements.

None of the structures shown have been designed or specified by Studio Strukt.

Refer to drawings series 20 for the proposed structural interventions.

Unless noted otherwise, all existing steelwork, concrete and timber structures shown on this drawing are non-historic elements installed during the recent construction works.

All historic timber, steel, and concrete members are marked with (H).

Unless noted otherwise, all masonry structures are assumed to be historic.

All existing member sizes marked with (\*) are based on previous engineer's drawings and have not been verified on site. All other existing member sizes are based on on own site measurements.

- GENERAL NOTES:**
- All Studio Strukt drawings are to be read in conjunction with the relevant Architects, Engineers and Specialist Supplier's drawings and specifications.
  - Do not scale from any Studio Strukt drawings. Use stated dimensions only. All dimensions to be verified on site by contractor.
  - Fire protection, thermal and sound insulation, and waterproofing are outside of Studio Strukt's scope. Any such elements are shown indicatively only.
  - The Contractor is responsible for ensuring the stability of all structures within and adjacent to the site at all times during the contract, and is to design and provide all temporary works required.
  - All work subject to Building Control approval, Party Wall agreement, and Listed Building consent. Formation levels of all foundations to be approved on site by Building Control inspector.
  - All Studio Strukt plans are drawn 'looking down' and show structure within and immediately below the floorlevel the plan refers to. For example, a 1st floor plan shows 1st floor joists, beams within and under 1st floor, and lintels above openings at ground floor level.

**Drawing key:**

**Timber:**

All existing joist and rafter types listed below are modern, installed during recent works:

- A → Existing 175x75 C24 joists at 400-430mm c/c
- B → Existing 150x75 C24 joists at 400-430mm c/c
- C → Existing 100x75 C24 joists at 400mm c/c
- ← R1 → 95x70 C24 rafters at 400mm c/c
- ← R2 → 70w C24 rafters at 400mm c/c

**Older existing joists:**

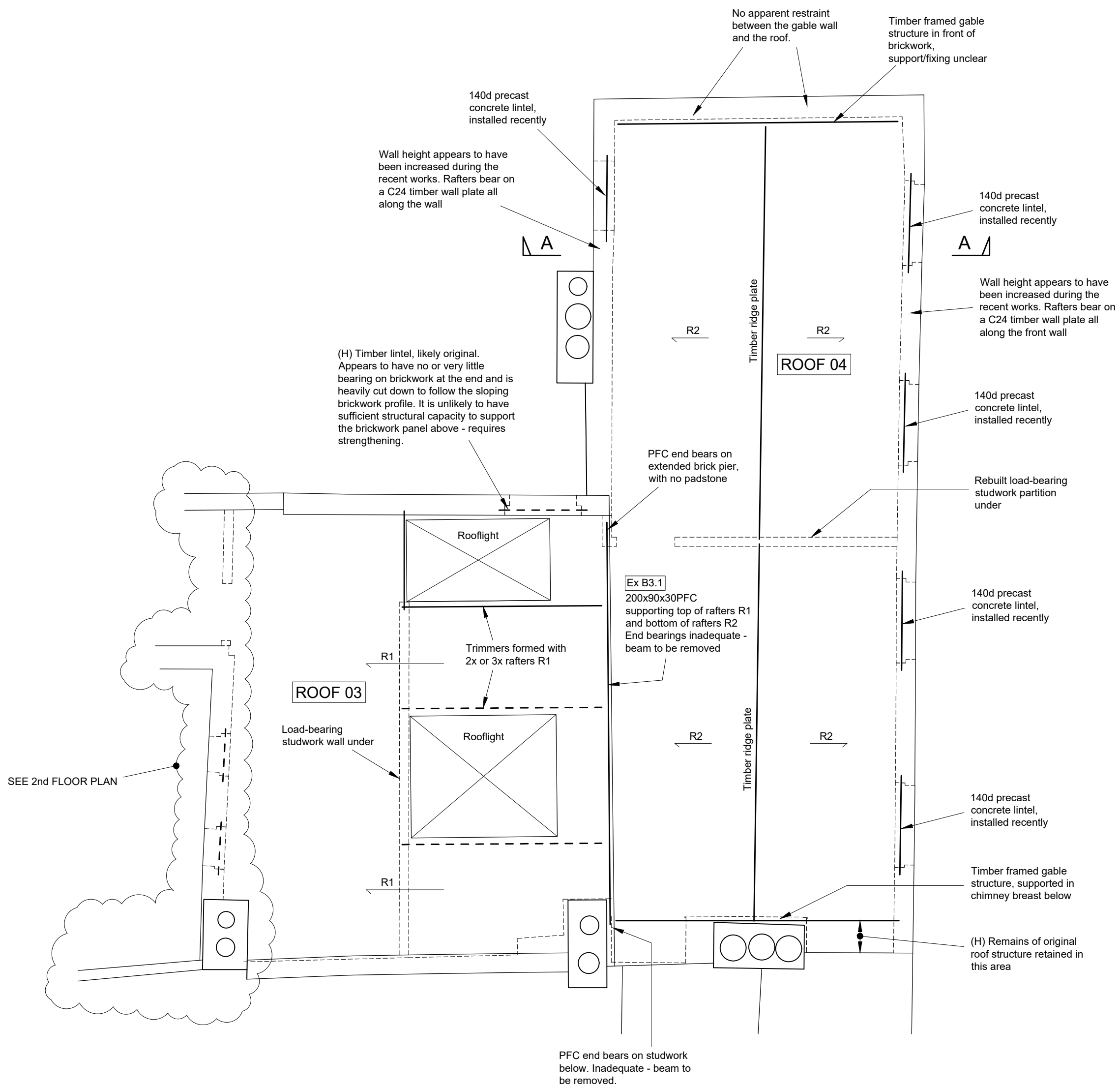
- D → (H) 150x50 joists at 400mm c/c - relatively modern. Joists inadequate for the proposed roof terrace loads, to be removed.

**Walls:**

- Existing masonry
- Structure demolished during recent works
- Existing non-load-bearing walls (historic or recently installed, as noted)
- Non-load-bearing timber studwork walls installed during recent works
- Recently installed load-bearing timber studwork wall, comprising 95x70 C24 studs at 450mm c/c approx
- Recently installed load-bearing timber studwork wall, comprising 42x95 C24 studs at 400mm c/c approx

**Other:**

- Existing foundation under / structure under
- Existing mass concrete or precast padstone (installed during recent works)
- Historic beams, trimmers, or lintels, retained during recent works - material/function and details as noted on plans
- Beams, trimmers, or lintels installed during recent works - material/function and details as noted on plans



We understand that the whole of the recently installed roof (formed with rafters R2) is to be dismantled since it does not follow the original ridge line. The raised brickwork it is bearing on is to also be taken down to the original level, and a new roof is to be constructed, to match the original profile and structural diagram.

The recently constructed roof (rafters R2) has no ties between the rafters - it applies horizontal 'spreading' forces onto the brick walls. It is structurally inadequate and would need to be replaced or strengthened regardless of the above.

SEE 2nd FLOOR PLAN

**Roof Plan**

A	Revised as clouded, issued for submission to the Council	03/12/24	BK
-	Issued for comments/coordination	28/11/24	BK
Rev	Description	Date	By

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**PRELIMINARY**  
Not for construction

Scale	Date	By	Checked
1:50 @ A1	15/11/2024	BK	

Project  
**9 The Mount**  
London NW3 6SZ

Title  
Layout and condition of structure as seen in November 2024:  
Roof Plan

Drawing No.	Rev.
24-034/15	A