

General Notes

All dimensions to be checked on site. All details and dimensions relating the sub-contractors or suppliers work must be checked and agreed between the subcontractors or supplier and the general contractor.

This drawing is to be read in conjunction with all relevant architect's and engineer's drawings and the specification.

Works to comply with current Codes of Practice, British Standards and Building Regulations.

Contractor to establish with the local authority their requirements for inspecting the works, and adhere to these, from the outset.

Contractor to provide all necessary vertical and lateral restraint strapping in order to comply with The Building Regulations.

Fire Protection - All internal steelwork to be clad to comply with minimum fire resistance according to table B4 in Building Regulation Approved Documents B1 or B2.

Existing Structure - Existing walling and foundations to be exposed and confirmed as adequate prior to works taking place. Assumed spans of existing joists, rafters etc. to be confirmed as correct. Structural Engineer to be consulted if any differences are found prior to works taking place

Temporary Stability - Contractor to provide all necessary temporary propping to safely undertake the works.

Steelwork and Timber Connections - All steelwork and timber connections are to be detailed and designed by the fabricator taking into account the loadings outlined in the calculations.

Steelwork - Steelwork fabricator/contractor is to undertake their own site survey to determine final dimensions for all new steelwork fabrication. The survey should highlight any obstructions/services/etc., that need altering/relocating to avoid clashes.

Roof and Trimming - Design for roof structure, trimming and connections are to be prepared by suitably qualified persons prior to construction.

Steelwork Protection - All steelwork to be blast cleaned to Sa 21/2 in accordance with BS EN ISO 12944.
Internal Specification - coat with a Zinc phosphate epoxy primer to 80µm in accordance with BS EN ISO 12944.
External Specification - hot dip galvanised to 140µm in accordance with BS EN ISO 1461 and 14713

Steelwork grade - All steelwork to be high yield (S355) unless noted otherwise.

Masonry Strength - Contractor to confirm strength of existing brick/blockwork and mortar class is in accordance with assumptions prior to commencing or ordering materials. Refer to Structural Engineer if found to be different for revised pier/padstone calculations.

New timber in the works shall be tanalized and cut ends are to be thoroughly treated before fixing.

Splice details for long-span beams can often be accommodated if required.

Proprietary items to be used in accordance with manufacturer's instructions.

All dimensions, levels, insulations, DPM, waterproofing and setting out of structures by architect.

Designer Risk Assessment

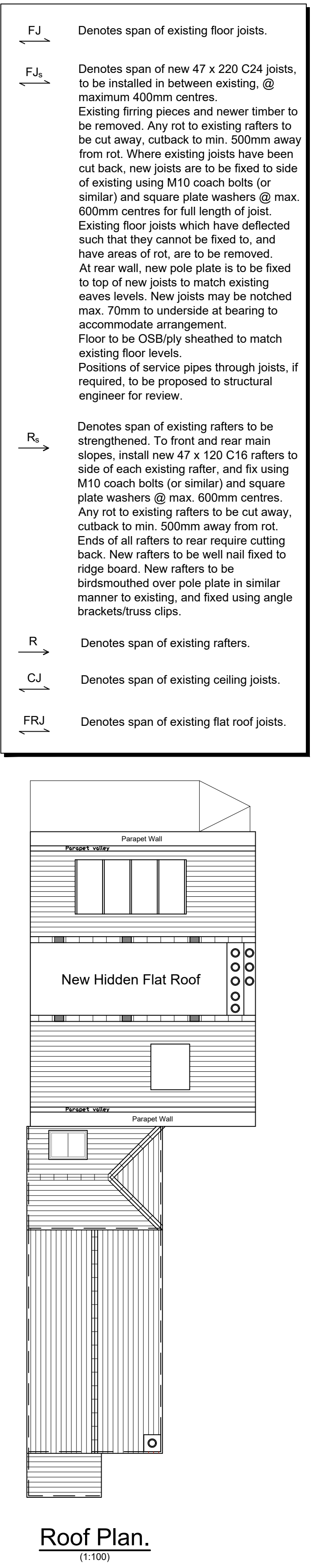
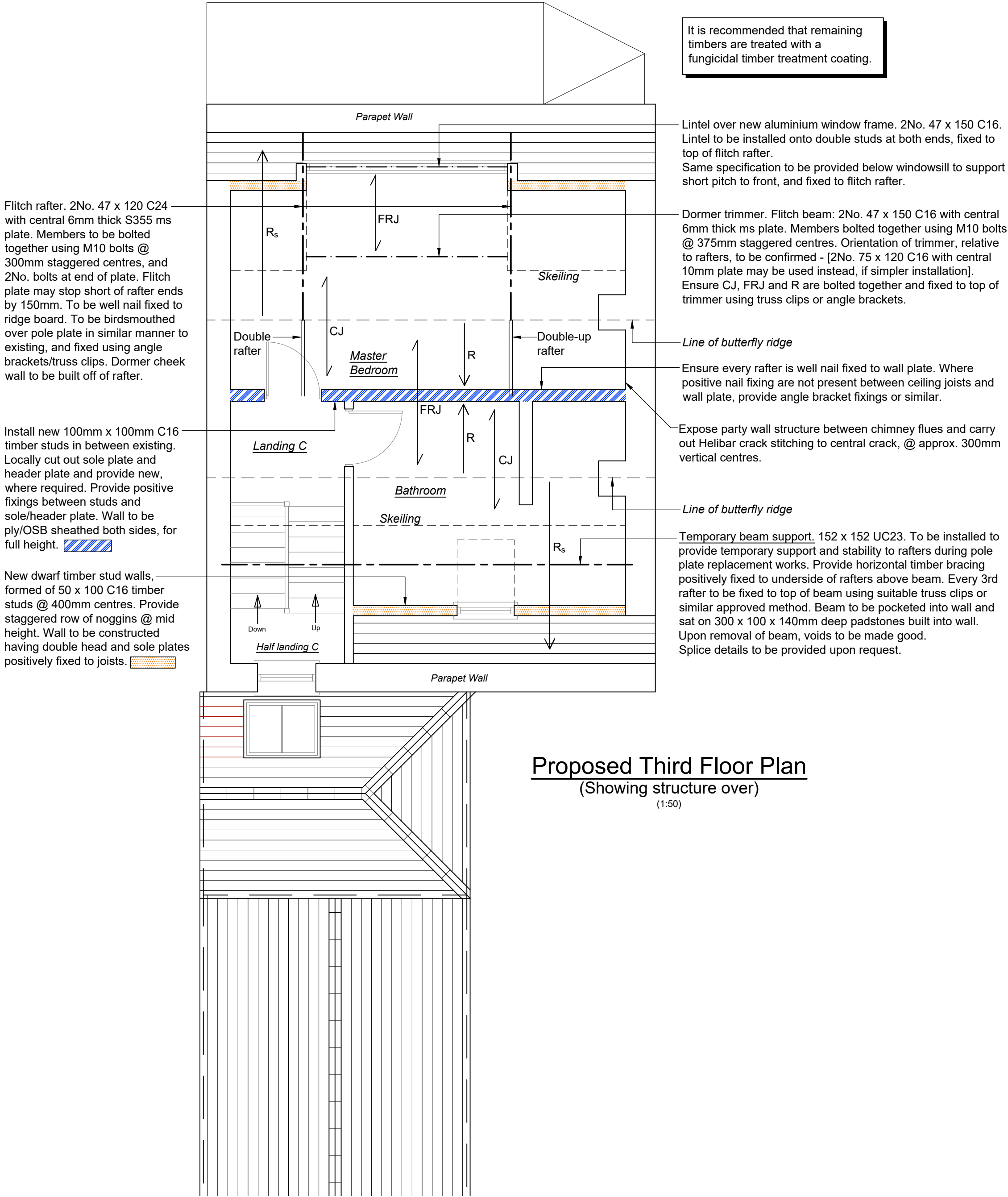
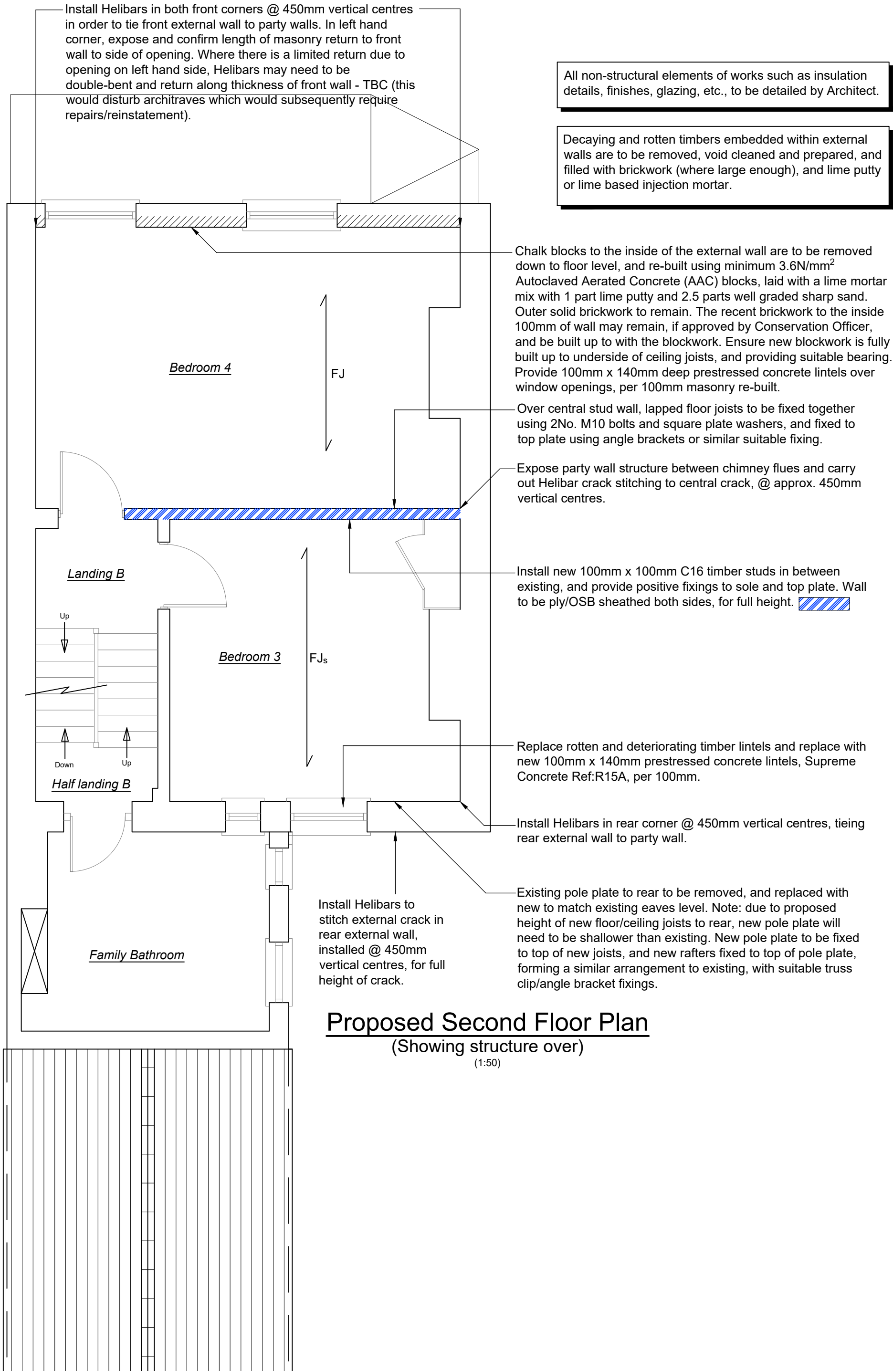
Mechanical aids should be employed when installing beams. Structural Engineer to be consulted if required.

The contractor is to provide all necessary temporary propping & temporary works to safely undertake the work and maintain structural stability. The contractor is to be aware that the property may be occupied during construction and temporary works loading to consider this.

The assumptions made within the calculations and drawings should be confirmed on site, prior to commencement of works. Any differences should be discussed with Structural Engineer, in order to check calculations.

All appropriate scaffold and edge protection should be put in place to ensure safety while working from height. Existing ceilings to be boarded during works to protect from falls between joists.

Contractor to supply a method statement as to how the government regulations and guidance will be implemented on the project with regard to social distancing.



Helifix BowTie HD Installation Method Statement.

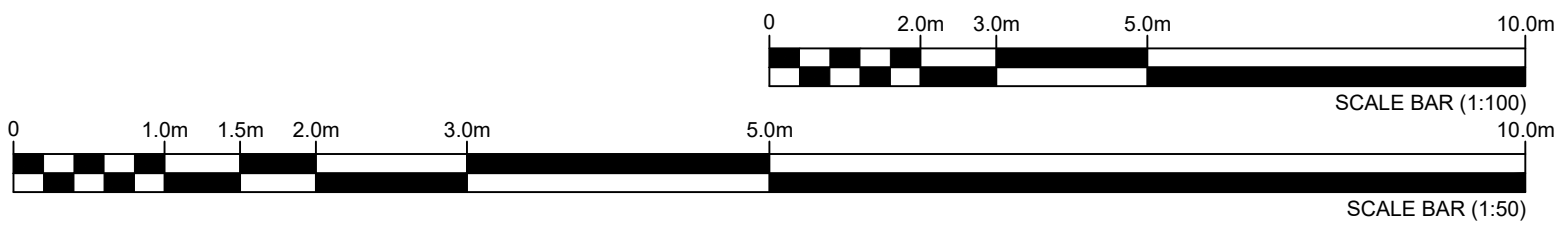
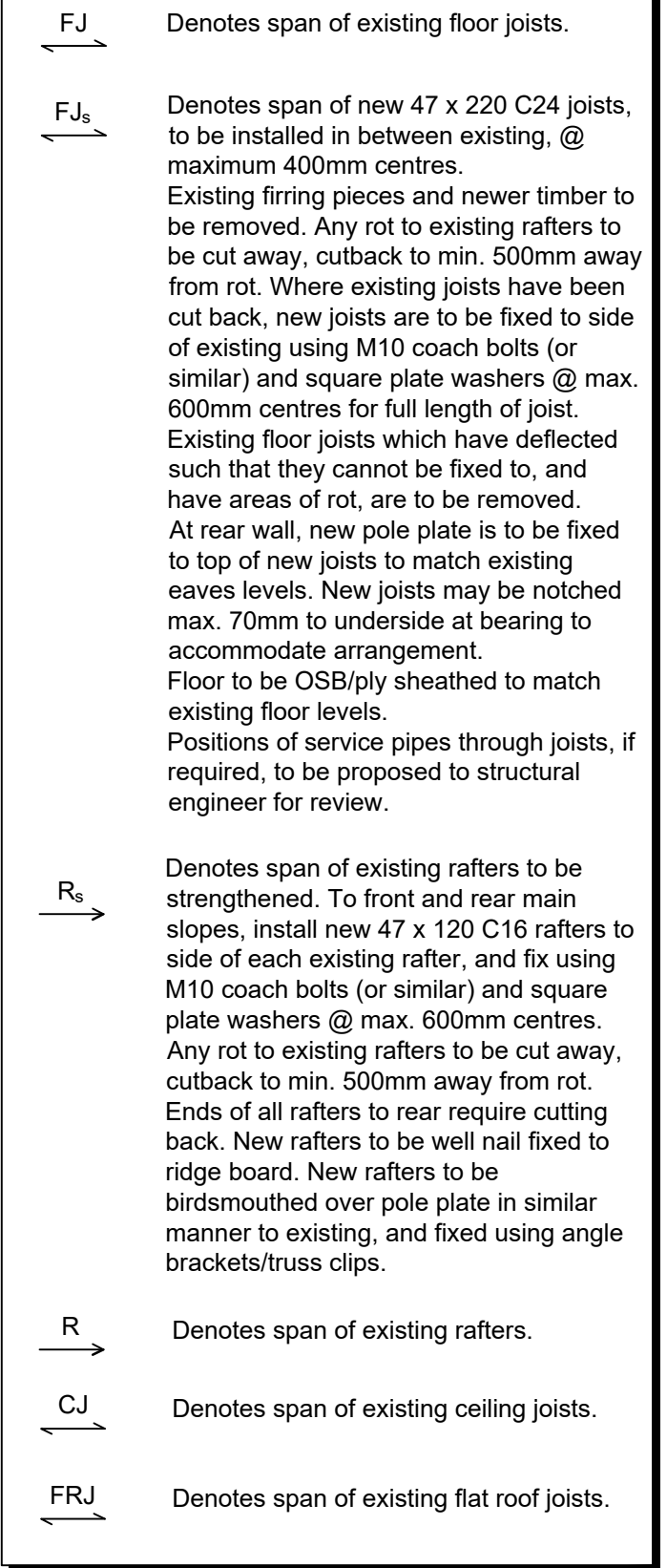
1. Drill 16mm clearance hole and clean out the hole.
2. Install BowTie with proprietary support tool and drive into min. 2No. 75mm thick full depth timber noggins suitably fixed to floor joists with proprietary timber connectors.
3. Fit plastic sleeve over BowTie and push into back of hole.
4. Inject two part polyester resin and repeat for subsequent ties @ max 600mm horizontal centres.
5. Make good external finishes.

Works to comply fully with manufacturer's requirements and guidance.

Helibar Installation Method Statement.

1. Rake out or cut slots 500mm either side of crack (where possible) into horizontal mortar joints, to 35-45mm depth for horizontal crack stitching, and 60mm depth for corner restraint stitching, and at maximum 450mm vertical centres or as specified by engineer.
2. Vacuum out the slots and thoroughly flush with water.
3. Insert a bead of HeliBond into the back of the top slot and position the bar into the slot.
4. Fill the remains of the slot with HeliBond and iron into the slot with finger trowel or similar. If the masonry is to be re-pointed leave sufficient depth to point the joints.
5. Repeat items 3 & 4 for subsequent bars.
6. Re-point the masonry and repair cracked masonry with a suitable lime based injection grout. Leave ready for decoration.

Works to comply fully with manufacturer's requirements and guidance.



Revision:	Date:	Description:
A	18.11.2020	Client Issue
B	02.12.2020	Revised Details

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Scale(s):	Date:
1:50@A1	Nov '20
Engineer:	Checked:
SG	OR

Mr & Mrs Brown
9 South Terrace, Littlehampton
Proposed 2F, 3F, & Roof Plan

Project No: 20340
Drawing No: 002
Revision: B