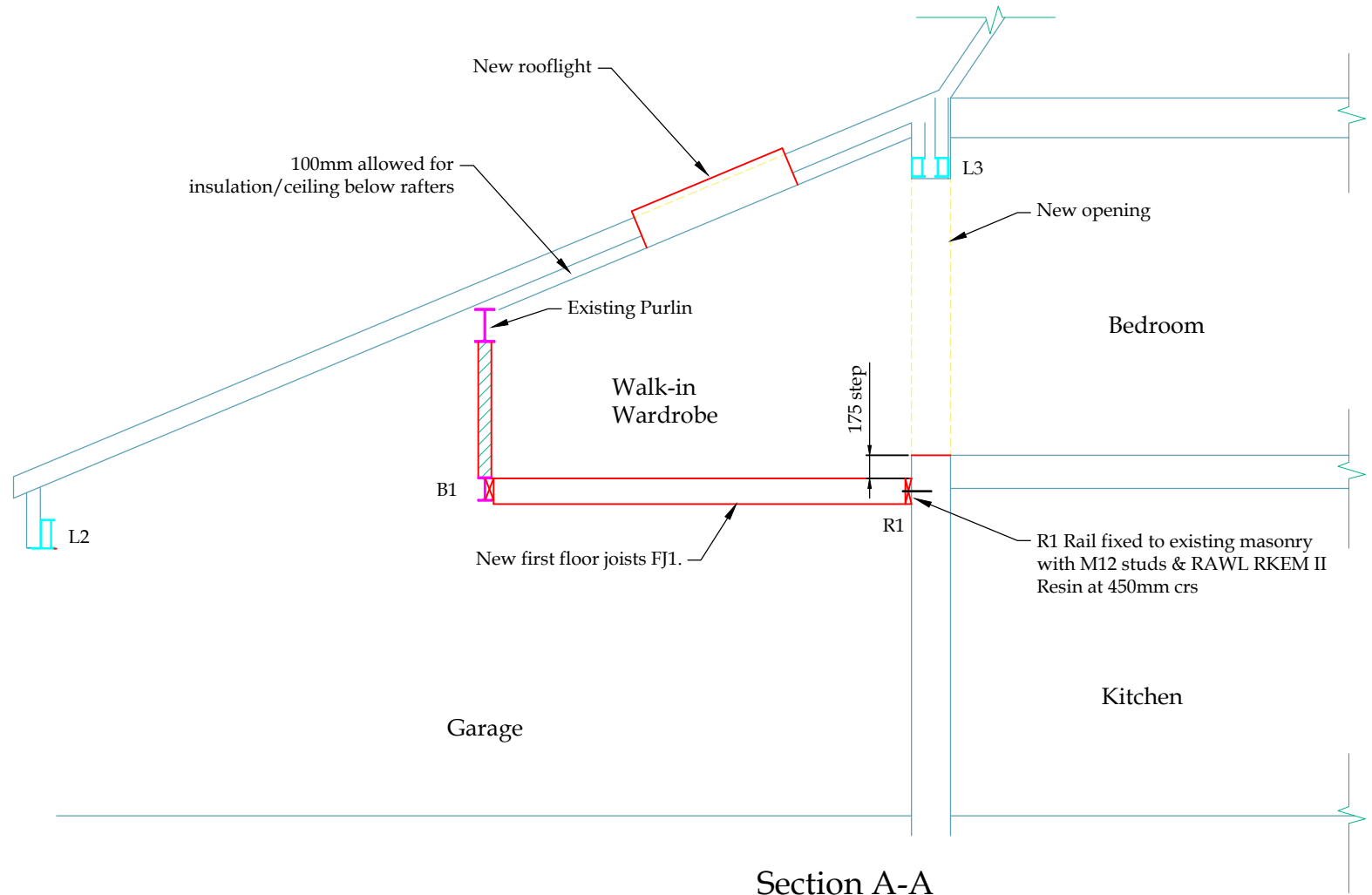
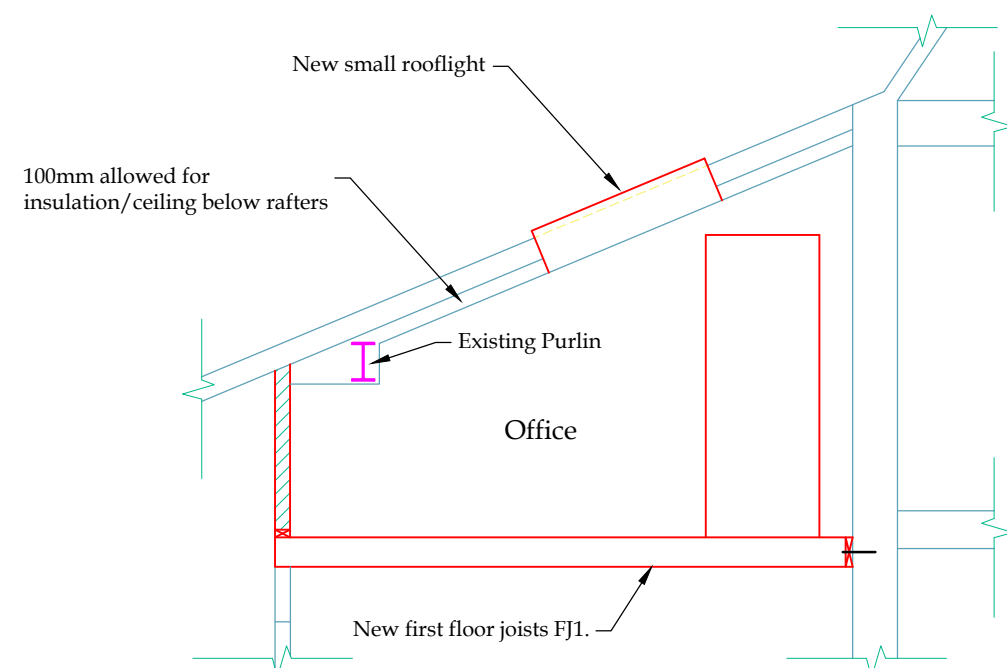


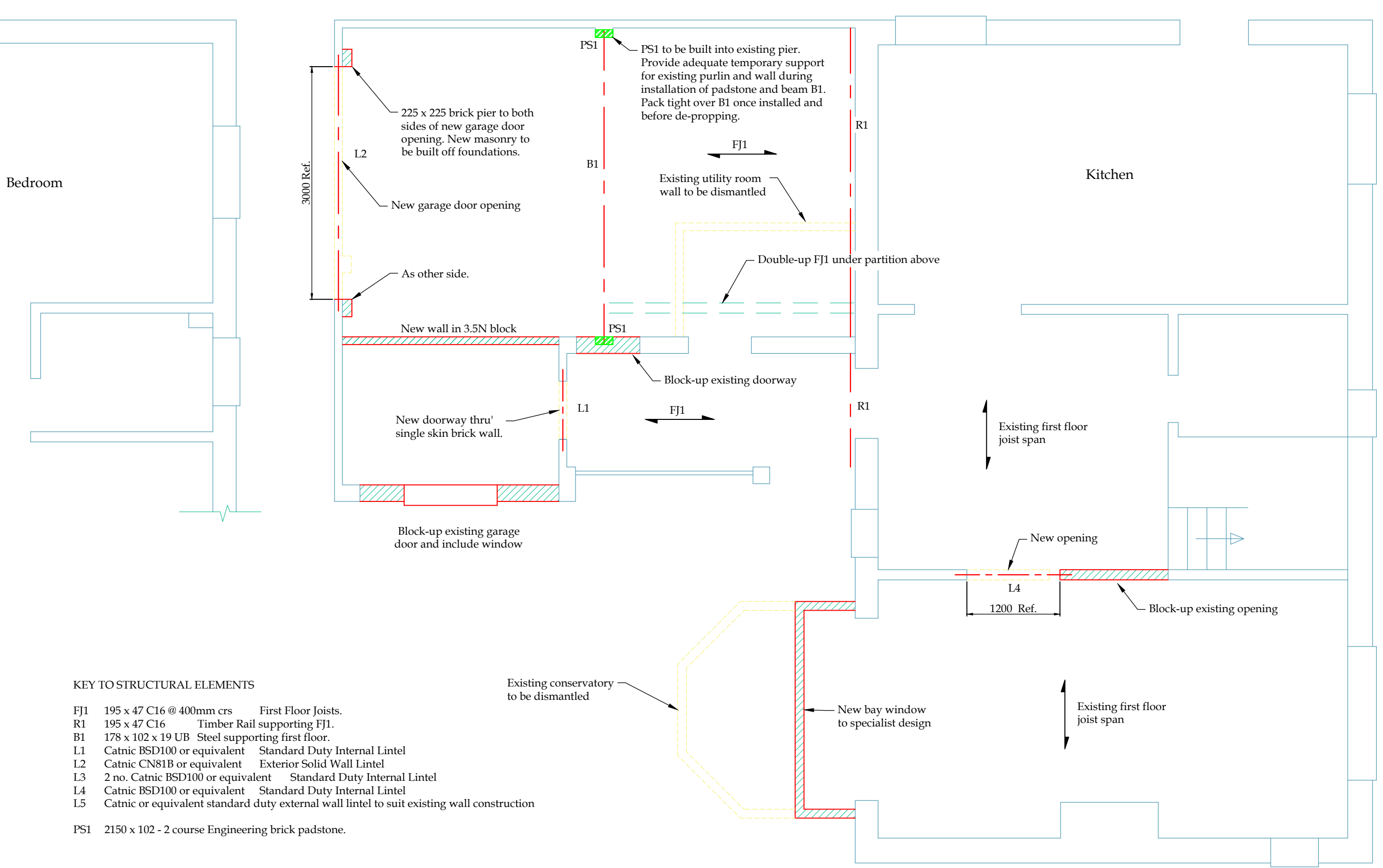
Key Plan at First Floor



Section A-A



Section B-B



Proposed Ground Floor Plan

KEY TO STRUCTURAL ELEMENTS

- FJ1 195 x 47 C16 @ 400mm crs First Floor Joists.
- R1 195 x 47 C16 Timber Rail supporting FJ1.
- B1 178 x 102 x 19 UB Steel supporting first floor.
- L1 Catnic BSD100 or equivalent Standard Duty Internal Lintel
- L2 Catnic CN81B or equivalent Exterior Solid Wall Lintel
- L3 2 no. Catnic BSD100 or equivalent Standard Duty Internal Lintel
- L4 Catnic BSD100 or equivalent Standard Duty Internal Lintel
- L5 Catnic or equivalent standard duty external wall lintel to suit existing wall construction
- PS1 2150 x 102 - 2 course Engineering brick padstone.

GENERAL NOTES

DO NOT SCALE DIMENSIONS FROM THIS DRAWING

All setting out dimensions relating to any existing structures are to be verified by the contractor on site prior to ordering any materials.

All steel work to be min. grade S275JR. Steelwork supporting first floor structure to have 1/2hr fire protection.

Internal steelwork is to have the following protective treatment: blast clean; SA2.5 Zinc phosphate primer (70 microns thick); topcoat to clients requirements.

Where Lintels and Beams are installed into existing structure they must be packed tight above before de-propping. Provide 150mm end bearings unless otherwise stated.

Provide rows of strutting to joists as follows: if span exceeds 2.4m provide 1 mid span row, if span exceeds 4.5m provide 2 rows at 1/3 span points.

All bolts to be grade 8.8 for steel to steel connections and min. grade 4.6 for timber to timber and timber to steel connections. Provide min. 40mm square washers to timber faces and round washers to suit on steel.

Padstones to be either: min. class B solid engineering brick or Pre-cast concrete or 1/2/4 mix cast-in-situ concrete.

CONSTRUCTION (Design & Management) REGULATIONS 2015:

Griffiths and Taylor Ltd. in this instance is not fulfilling the role of principal designer and is responsible for the structural design of the elements included on this drawing only. The structural design has been carried out with the due consideration for safety during construction, occupation and maintenance of the finished structure.

The following advice is to highlight some of the potential hazards during construction and to provide suggested sequencing of the works for particular operations. The main contractor should provide a full sequence/method statement for the job as a whole including other site risks and is responsible for maintaining stability of the works during construction at all stages.

This information should be included as part or commencement of the health and safety file for the job.

POTENTIAL STRUCTURAL HAZARDS IDENTIFIED DURING DESIGN.

Installing new steelwork: Unit weights to be calculated and lifting & assembly operations planned accordingly.

Working at height: Construction phase H&S plan to include details of safe temporary working platforms and safe operational procedures (including any specific personal safety equipment for these aspects of works).



Title
Oak House, Dickleburgh.
Garage Conversion and internal alterations.
Structural Data

For Ms. Tanya Rodwell

Rev.	Date	Details	Job No.	Drg. No.	Date	Scale	Rev.
			20/001	D3	19/04/2022	1:50 @A2	1

In the event of any queries please contact:
Angus Taylor