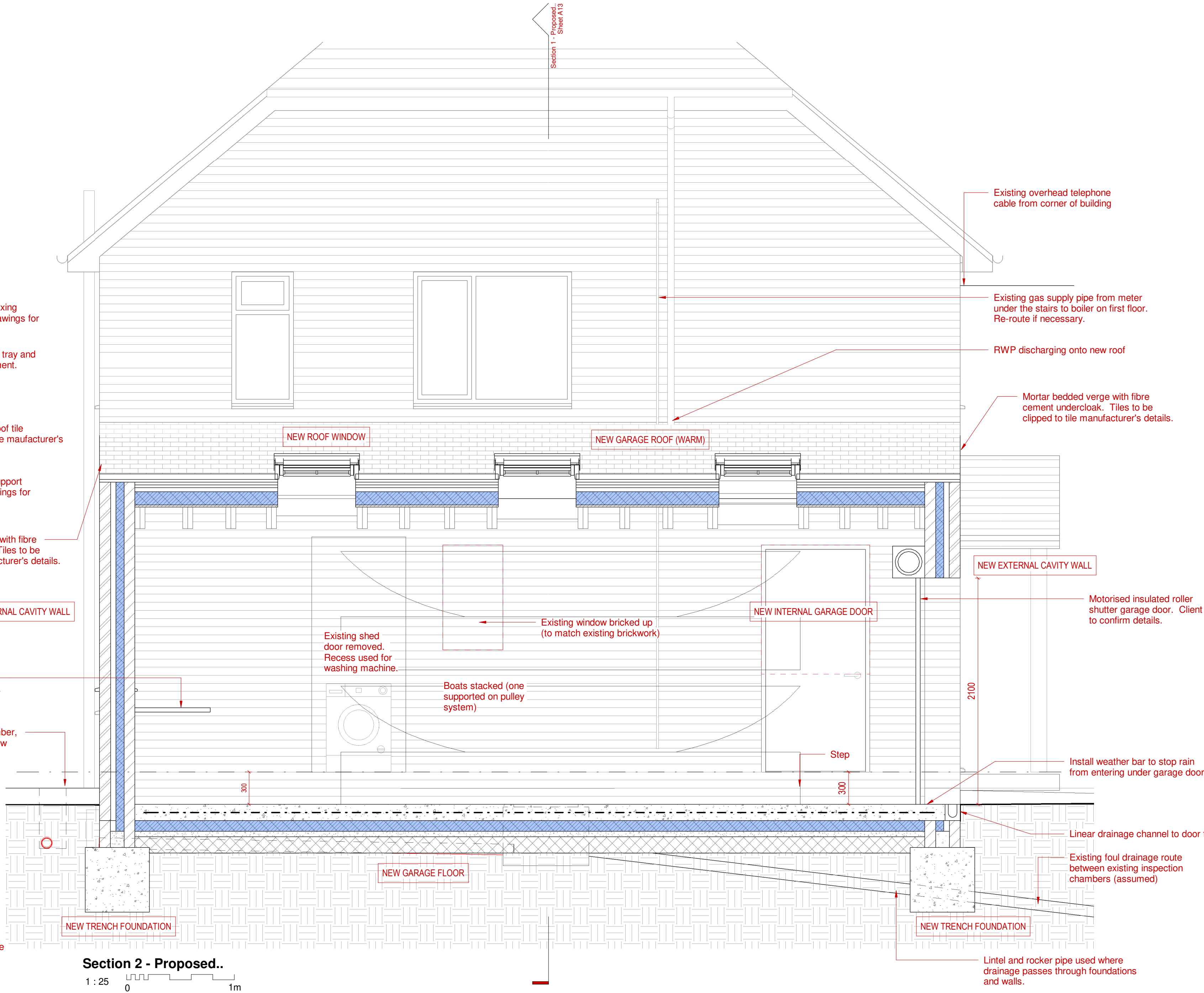
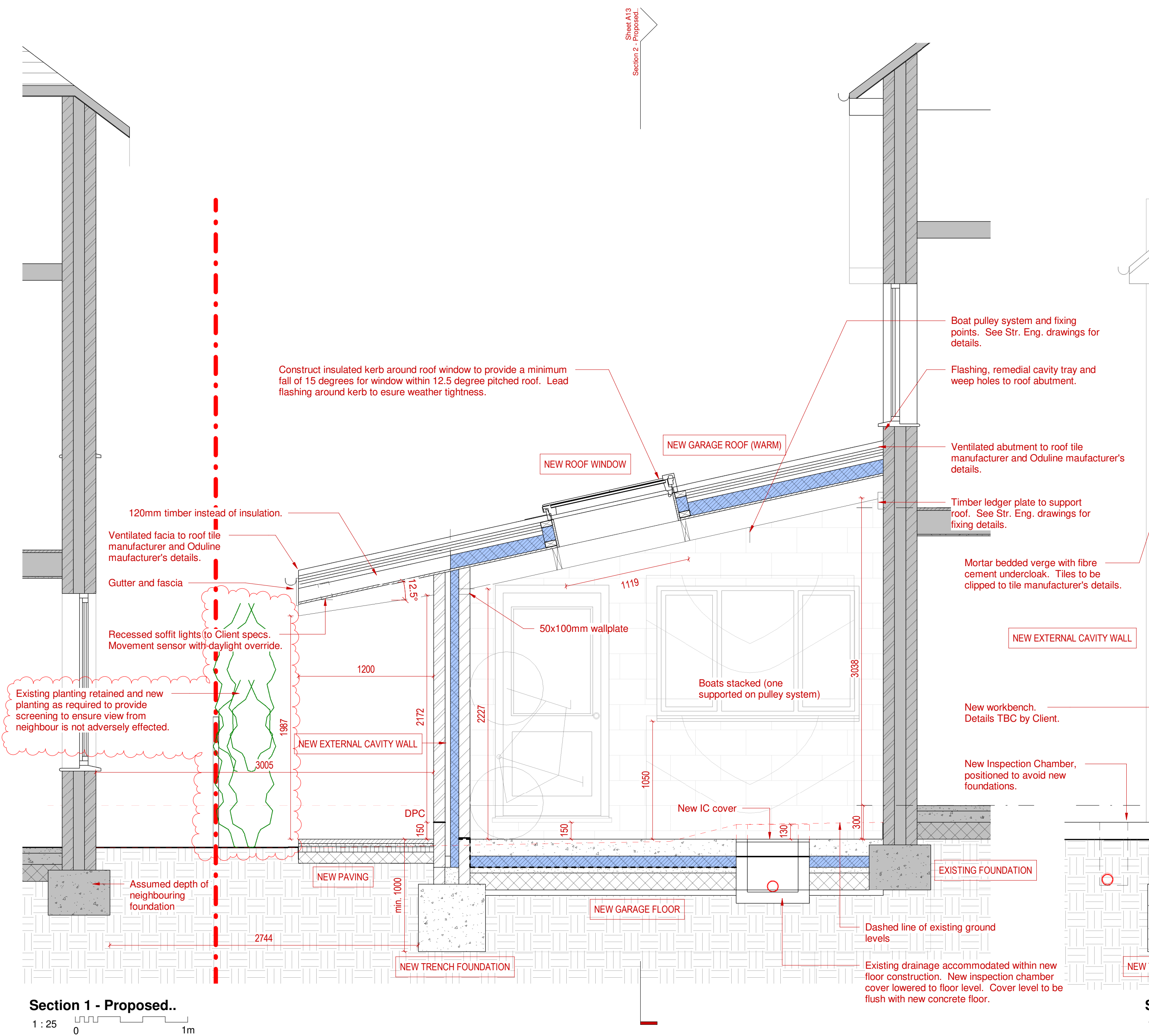




Section 1 - Proposed..

Section 2 - Proposed..

Element Construction Schedule - Sections	
DESCRIPTION	ELEMENT CONSTRUCTION
EXISTING FOUNDATION	Existing foundations are mass concrete and approx. 400mm deep and the bottom of the concrete is approx. 600mm below ground level.
NEW EXTERNAL CAVITY WALL	- 102.5mm facing brickwork - 50mm clear cavity - 75mm Kingspan Kooltherm K108 Phenolic foam cavity insulation board - 100mm medium dense concrete blockwork (paint grade) - Internal face of blockwork left exposed, so mortar joints to be left neat. Calculated U-Value = 0.23 W/m²K
NEW GARAGE FLOOR	- 125mm power floated concrete slab, with nominal fall to garage doors. See Str. Eng. drawings for slab reinforcement and strength details - 500gauge polythene separation layer - 100mm Cellecta XFLOOR 500kPa thermal insulation board - 1200gauge Damp Proof Membrane - 50mm sand blinding - 150mm well compacted hardcore. Calculated U-Value = 0.22 W/m²K
NEW GARAGE ROOF (WARM)	- Interlocking concrete plain tiles. Colour to match existing roof. 12.5 degree pitch. - 25x38mm treated timber battens. - 24mm Ondutle LowLine corrugated underlay installed to manufacturer's instructions. - 25x50mm treated timber battens for support of Ondutle. To Ondutle details. - 38x50mm counter battens laid on top of insulation and fixed down through to roof rafters. - Breathable roofing membrane. - 120mm Kingspan Kooltherm K7 Phenolic foam pitched roof insulation board - Vapour control layer (sheet or liquid applied to suit application) - Minimum 11mm Medite Smartply OSB3 t&g sheathing. - Timber roof rafters ad fitch plate beams. See Str. Eng. drawings for information. Calculated U-Value = 0.17 W/m²K
NEW INTERNAL GARAGE DOOR	To be a solid core door to match the existing house doors. To have 30 minute fire resistance to provide compartmentation between garage and main house.
NEW PAVING	- Exact level to be confirmed with client during construction. - Paving slabs to match existing patio - Suitable paving mortar bed - 50mm MOT Type 1 crushed stone, well compacted - 100mm hardcore well compacted
NEW ROOF WINDOW	Velux MK06 centre-pivot roof window. 780mm x 1180mm. Standard double glazed unit.

Element Construction Schedule - Sections	
DESCRIPTION	ELEMENT CONSTRUCTION
NEW TRENCH FOUNDATION	To be 600mm wide mass concrete trench foundation with the bottom of the foundation minimum of 1000mm below ground level. Final depth to be to the satisfaction of the Building Control Officer. Exact ground conditions to be confirmed on site and judgement made to whether a structurally designed foundation is required.

NOTE:

Drawings are to be read in conjunction with 19019-General Construction Notes document.

See Structural Engineer's drawings for further information.

All existing construction is indicative and to be checked and confirmed by Contractor on-site. Any discrepancies to be notified to the Client and/or Architect before proceeding.

Prior to commencement of works on site a trial hole should be excavated to determine the underlying strata and findings reported to the Engineer and Architect. If clay is encountered then sample should be taken for testing to determine the plasticity index, the local trees identified and the substructure designed in accordance with NHBC Chapter 4.2 recommendations.

Project: Garage Extension
Address: Jacaranda, Lane End Drive, Emsworth
Drawing Title: Sections - Proposed

Drawing No: 19019/A13 C

C Note adjusted 31/07/2020
B Issued for Tender / Building Regulations 20/05/2020
A Drawings updated 11/05/2020
Rev. Date

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All dimensions shall be checked on site before work commences and any discrepancies advised. Figured dimensions only are to be taken from this drawing. This drawing is to be read in conjunction with all relevant consultants and/or specialists drawings/documents and any discrepancies or variations to be advised before work commences. This drawing is copyright of the architect and may not be copied, altered or reproduced in anyway without our written authority.