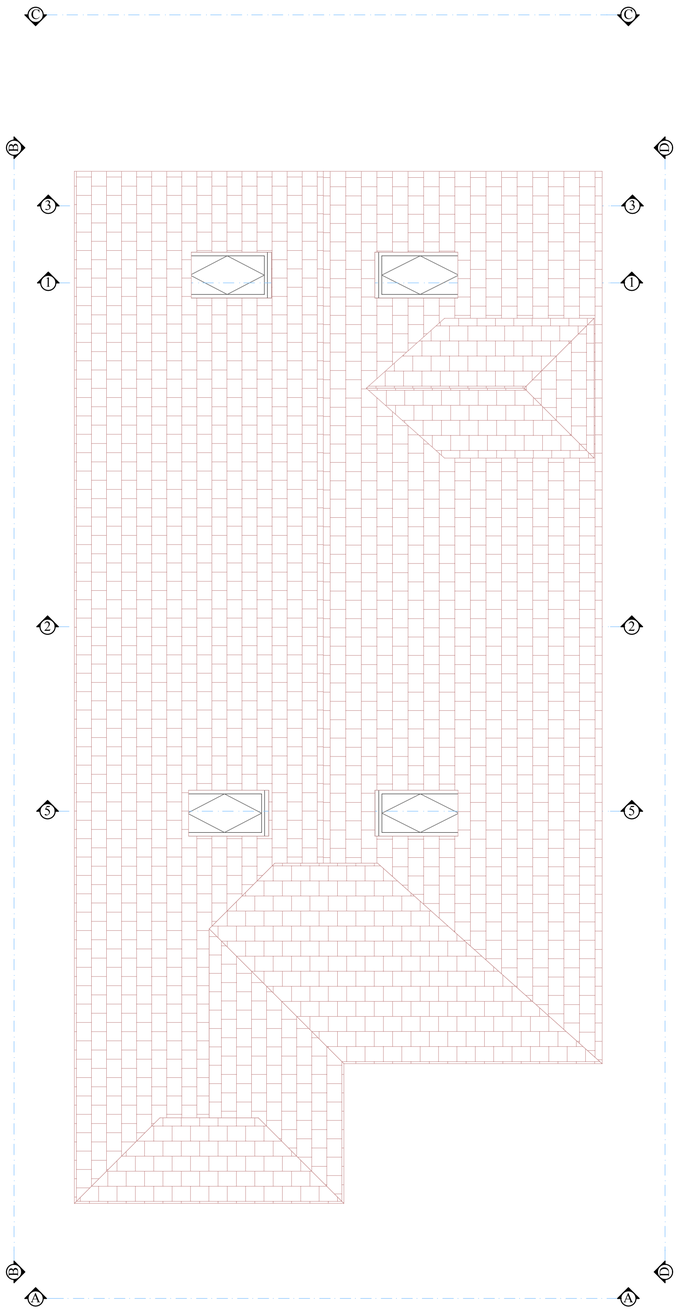
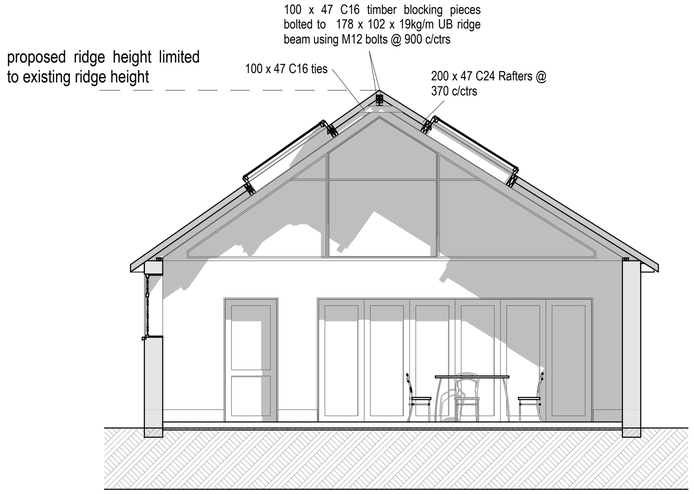
1:50



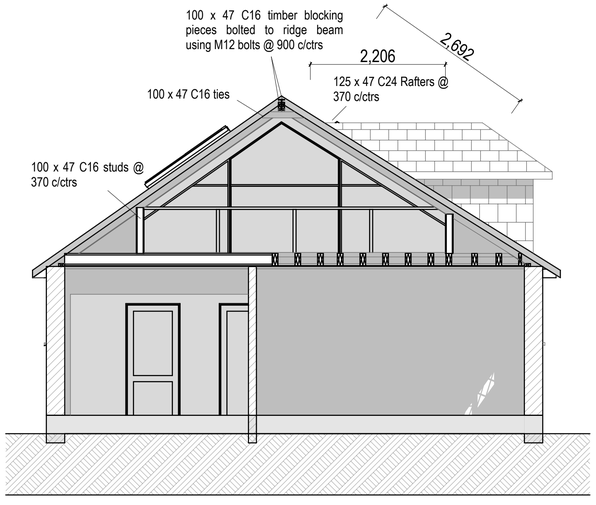
Roof Plan

1:50



Section 1 - 1

1:50



Section 2 - 2

0m 5m 10m 15m 20m

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NOTES:

Contractor is to familiarise himself with the contents of this drawing and check all dimensions prior to commencing any works. These drawings are prepared for Building Regulations purposes only. No deviation from these drawings is permitted unless agreed and instructed in writing by the Architect.

Roof Construction

Proposed new rear roof to be constructed of matching weathered concrete plain tiles on 38 x 19 sw treated battens, set to gauge, on 38 x 19 counter battens on Klober breathable membrane on 200 x 47 C24 rafters (roof above dining area) @ 370 c/ctrs. Roof slope to be insulated between the rafters using 130mm thick Kingspan TP10, with all insulation cut to fit snuggly. Underside of sceiling to be lined with 12.5mm thick foil backed plasterboard, taped and skim coated ready for decoration.
Rafters to proposed front roof extension to be 150 x 47 C16 @ matching 370 c/ctrs., and built off new 100 wide x 47 deep sw treated timber wall plate. Rafters to allow for connecting at ridge to new 200 x 22 sw treated ridgeboard.
Existing 100 x 47 rafters to be upgraded by provision of additional 50mm thick x 47mm wide sw timber batten, glued and screwed to underside of existing as per ceiling/floor joist upgrade.
Rafters to existing unnafected roof space, to remain as existing.

Rafter Support and Tie

Rafters spanning vaulted area to be supported off 178 x 102 x 19kg/m UB and be held below UB using 100 x 47 C16 sw treated timber tie. Tie to be double nailed to rafters.

Rafters Framing VELUX Roof Windows

Contractor to allow for doubling up rafters either side of proposed VELUX rooflights, together with doubling up matching trimming top and bottom as shown in Section 1-1.

VELUX Roof Windows

Proposed new VELUX rooflight to be 780mm wide x 1400mm long M08, including all necessary prepriatary flashing kit.

Dormer Construction

Proposed new dormer construction to be formed as per main roof, but adopting 125 x 47 C16 sw treated rafters @ 370 c/ctrs. Rafters to be built off 100 x 47 x C16 sw treated wall plate. Stud walls to be 125 x 47 C16 built off doubled up rafters, trimmed to form new stairway opening. Walls to be constructed from matching vertical hung plain tiles on 38 x 19 sw treated battens on Klober breathable membrane on 14mm thick exterior graded ply nailed to studwork. Internal walls of dormer to be lined with 12.5mm thick British Gypsum foil backed plasterboard, skimmed and decorated. Walls to be insulated using 80mm thick Kingspan K12.

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Project: Proposed Extensions to Front & Rear of Existing Dwelling, Together with Room In The Roof

Drawing Name:

Proposed Roof Plan & Sections 1 & 2

Drawn: TC	Scales: As shown	Date: 29 Nov 2010

Dwg No: 26CAS/1963/10/06A