

NEW ROOF CONSTRUCTION
to achieve a U value not exceeding 0.2 w/m2k.

- * External appearance of new roof to match existing roof in materials and pitch angles.
- * The roof structure to comprise steel ridge beam providing support to existing rafters on west elevation with a downstand onto new uprated 1st floor joists. East side of roof to comprise of new full width dormer built up from existing double wall plate from 100 x 50 c16 timber studwork. Warm roof construction to flat roof dormer. New wall plate for dormer wall to be from 2 No 200 x 50mm c16 timbers bolted together forming lintel over windows. Dormer cheeks built on parapet wall.
- * 200mm mineral wool quilt laid between 1st floor ceiling joists.
- * Ensure continuity between roof and wall insulation.

STRUCTURAL TIMBER

- * All timber to be treated with preservative in accordance with the NHBC Standards recommendations contained in chapter 2.3 and BS 5268: Part 5
- * Timber to be pre treated against long horn beetle with Wykamol or other approved treatment.
- * All cross cuts, notches, bonings, etc are to be liberally treated with preservative compatible with the initial treatment.
- * See Structural Engineers calculations or approval of LABC officer required for trimmers around new stair well.

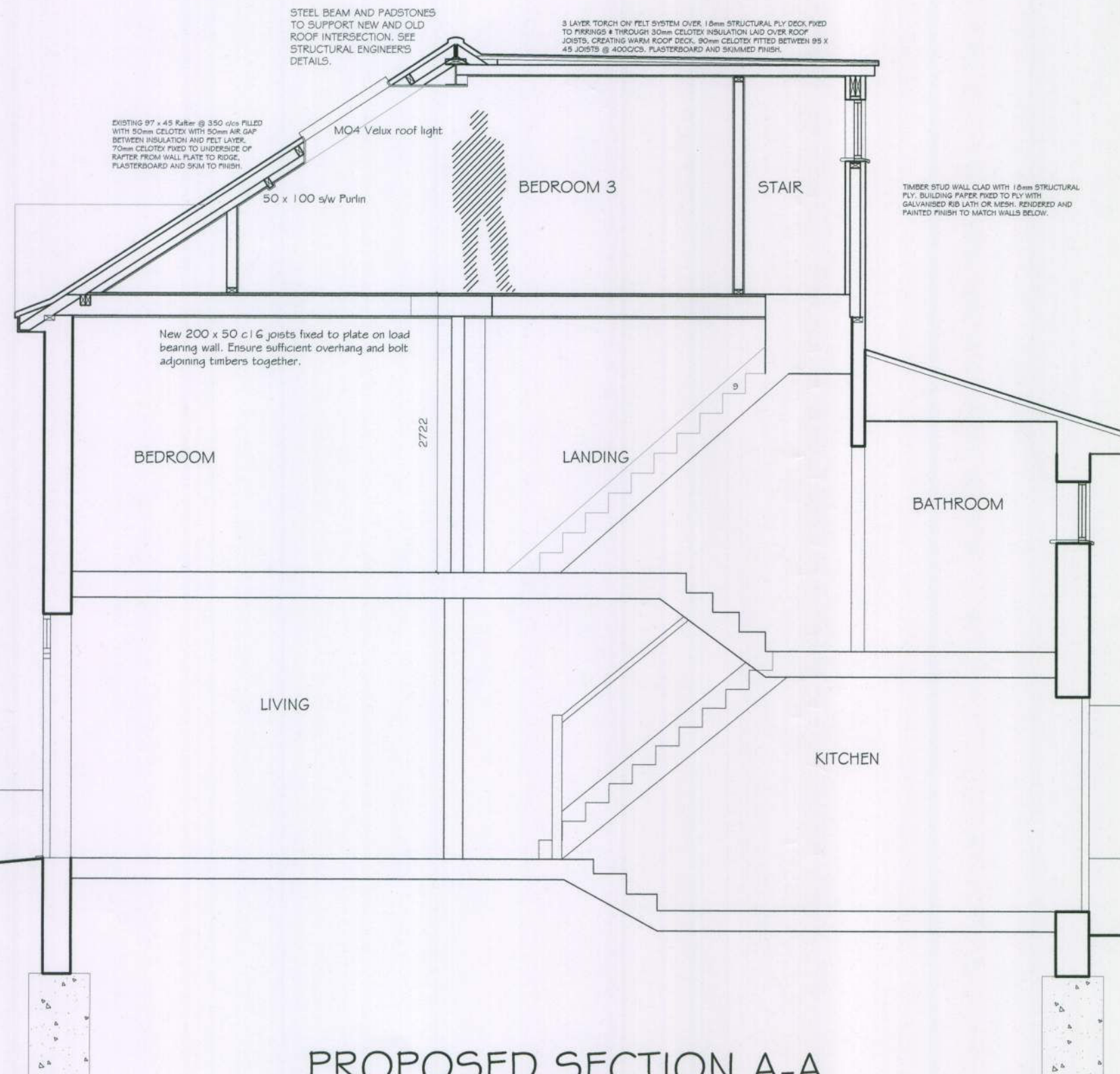
VENTILATION

- * GGLMO4 Velux Rooflights installed into West side of the roof according to manufacturers specifications. Area of windows amounting to 1/10th of floor area min. To provide background ventilation of 5000mm2 equivalent at 1.7m height.

SMOKE ALARMS



- * Self contained mains operated smoke alarms, conforming to BS 5446, are to be provided (within circulation spaces) permanently wired to a separate fused circuit at the distribution board.
- * All alarms to be ceiling mounted in positions shown at least 300mm from any ceiling or wall light fitting.
- * Alarms to be interconnected.



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EXISTING FOUNDATIONS - EXACT DIMS UNKNOWN

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LOCATION/CLIENT: Steve Turner 44 Longford Road Bognor Regis PO21 1AG	DRAWING: Proposed Section A-A
Date: February 2010 Drawing No: RD0008/09	Drawn By: Rudi Scale: 1:50 @ A3

PROPOSED SECTION A-A