

Roof tiles to match exg on 25x25mm s/west battens on approved untearable, breathable roofing felt, lapped 150mm at joints and secured with stout nails on 150x50mm rafters @ 600mm c/s, with 2 layers of 50mm celotex double R GA2000 insulation between rafters, with 50mm air gap above, and 25mm insulation on face of rafters to give H-Value 0.2 w/m²/K

Code 4 lead flashing and cavity traps to roof/wall junction, with properly abutment roof ventilators to give min of 25mm continuous air gap.

150x47mm timber plate batten to wall @ 600mm c/s

Rafters to be 150x47mm C24 timber @ 600mm c/s. Rafters doubled up either side of Roof Light

Velux Roof Light M06 1178 x 780mm

9.5mm plasterboard ceiling with plaster skim finish

All steel beams supporting ancement of structure to be encased in 30mm fire resisting construction. New steel beams to Steel Eng Design.

Min 25mm continuous air gap above roof

New Steel Beam Over if required

All new brickwork/blockwork to be toothed and bonded to exg walls. Cavities to be made continuous.

Softwood wall plate strapped to walls @ 1000mm c/s with galv straps 30x5x1000mm

Exg FRENCH DOORS

New external doors to have max U-Value of 2.2 w/m²/K if 75% glazed. All glass doors min 1500mm of floor level to be safety glass to BS 6206 1991. New UPVC windows and doors to be double glazed and provide opening area min 1/20th of floor area, and have background ventilation via trickle vents of 8000mm². All glass to be Pilkington K Glas. Glazing to conform to BS 6206. All new windows and doors to have max H-Value of 1.6 w/m²/K.

FFL To Line through with exg

dpc lapped with dpm

dpc

629

gl

Slab to be 70mm sand/cement screed with chicken mesh wire reinforcement on vapour barrier on 80mm Thermafloor TF10 Kingspan insulation on 1200 gauge polythene dpm on 100mm conc slab on 150mm well compacted and blinded hardcore, to give min 0.22 w/m²/K U-Value. Wall and floor insulation to overlap to prevent cold bridging.

SECTION A-A 1:20

6 HILLSIDE AVE WIDLEY POYSEB

SECTION A-A Scale 1:20

Foundations to be 600x450mm C15/F grade concrete, Min depth from GL to be 1000mm, or to LAA approval and local soil conditions