

DETAIL NEW WORKS

CEILINGS :- 15mm foil backed plasterboard with gypsum plaster finish with a mass of at least 10 Kg/m³. With staggered & skim/taped jointed finish. To give a minimum half hour fire resistance.

CAVITY TRAYS :- Type "X" cavity trays of Vcovil where ground floor roofs abut main building.

LEAD FLASHING :- 150mm upstand (min.) chased 50mm into wall.

WALL CONSTRUCTION :- Cavity Wall :- Outer skin 100mm face brickwork or 100mm Conc. Block 7.3N/mm² (to match existing), 50mm cavity, Inner skin 75mm Kingspan (Kooltherm K108) insulation or similar, 100mm Thermalite block with 12.5mm plasterboard with gypsum plaster skim finish. Tied with stainless steel wall ties 750mm ctrs. HOR. & 450mm ctrs. VERT. Or Timber Frame construction (See insulation sheet 4) To achieve a "U" value 0.18w/m²k or better. D.P.C. 150mm minimum above ground level and joined to D.P.M. at wall inner skin. Close cavity with cape masterboard. Provide firestopping @ corners, windows and wall plate level. Provide insulated DPC HOR. & VERT. Around all jambs.

LINTELS :- All lintels to be sized and supplied by Catnic & fitted to manufacturers instructions, with stop ends.

ROOF CONSTRUCTION :- Pitched roof with Interlocking Conc. Tiles or slates (to match existing) laid in accordance with manufacturers instructions on 50 x 25 mm battens on roofing felt to BS747 with a min 150mm overlap, on Roof Trusses supplied by specialist manufacturer with design calculations supplied prior to erection. on 100 x 50mm wall plate secured to wall using G.S. lateral restraint straps 1250 x 30 x 5mm @ 1800mm ctrs. Ensure passage of ventilation between wall plate and roofing membrane is unobstructed. Ventilate roof space using high level ventilation tiles and over eaves ventilation system to provide cross ventilation to part F of the building regs.

WINDOWS :- Double glazed with openings not less than 1/20th floor area served with trickle vent (8000 mm²) built in. Safety glass to BS6206 fitted below 800mm. First floor bedroom windows to have openings not less than 800 x 500mm² max. At between 1100mm and 800mm off the floor to allow emergency egress. Fitted with Pilkington K glass to achieve "U" value 1.4w/m²k or better. Glazing to BS6206 1981

FLOORS :- Ground floor :- See section X-X

FOUNDATIONS :- Check for suitability prior to commencement of work. R.C. concrete Strip foundations 600x225mm minimum taken to suitable depth (750mmmin) Or below invert level (whichever greater) or raft foundation designed by a structural engineer with calculations supplied prior to commencement of works

RAINWATER GOODS :- 63mm rainwater pipes clipped to walls @ 1m ctrs. 100mm half round gutters clipped to fascia @ 1m ctrs.