

concrete interlocking roof tiles to match existing on 50 x 25 mm. s.w. battens on breathable roofing felt on 150 x 50 mm. s.w. rafters @ 400 mm. cts. 100 mm. celotex insulation to sloping areas between joists overboarded with 50 mm. celotex insulation 12 mm. plasterboard skim coated max 'U' value 0.15 W/m²K.

nº 4 lead flashing valley on 22 mm. plywood boarding.

100 mm. dia half round p.v.c. guttering pvc fascia & soffit.

22 mm. t.e. & flooring on 200 x 50 mm s.w. joists @ 400 mm. cts, 300 mm. fibreglass to left areas, 12 mm. plasterboard & skim. max 'U' value 0.15 W/m²K. double joists under stud walls.

100 mm. concrete slab on 1200 g.d.p.m. on 100 mm celotex insulation, 25 mm. vertical to perimeter on 1200 g.d.p.m. on 25 mm. sand blinding on 150 mm. well consolidated hardcore max 'U' value 0.18 W/m²K.

where joists run parallel with external walls lateral restraint straps @ 1600 mm. cts covering min 3 r.p. joists turned down into cavity.

'EPDM' flat roof to dormer on 12 mm. plywood boarding on 150 mm. celotex insulation on 19 mm. r.p. plywood on firings to falls on 150 x 50 mm. s.w. joists @ 400 mm cts. max. 'U' value 0.15 W/m²K.

plain tiling to dormer on 50 x 25 mm. s.w. battens on roofing felt breathable on 19 mm. boarding on 100 x 50 mm s.w. studwork @ 400 mm cts. 100 mm. celotex insulation between studwork overboarded with 50 mm. celotex 12 mm. plasterboard skim coated max 'U' value 0.15 W/m²K.

100 mm. facing brickwork to match existing 100 mm. cavity 100 mm. celotex cavity wall 21 insulation, 100 mm. insulation blockwork 15 mm. plastered finish max 'U' value 0.18 W/m²K.

d.p.c. min 150 mm. above ground level.

600 mm. wide trench (if) foundations depth to L.A. approval, actual size & depth to suit site ground conditions.

section a-a

Proposed extension and alterations at 29 Whalesmead Road, Fair Oak, Hants, SO50 8HJ.

Scale 1:50

drawing nºWM03