

where joists & rafters run parallel with external walls lateral restraint wall straps covering min 2/3 joists turned down into cavity.

concrete interlocking roof tiles to match existing, on 50x25 mm. sw. battens on breathable roofing felt on sw. roof trusses @ 600 mm cts, 300 mm fiberglass insulation 12 mm. plasterboard skim coated max 'U' value 0.15 W/m²C.

1200x1200 mm. double glazed UPVC window catnic lintel over insulated dpc to jambs opening lights equal to both floor area trickle vent to head equal to 8000 mm² max 'U' value 1.2 W/m²C.

IP4 lead flashing & cavity tray

lower roof as main roof but 100x50 mm. sw. rafters & ceiling joists @ 400 mm cts.

2100 x 2100 mm. 4p. & over garage door catnic lintel over.

22 mm. t&g chipboard flooring on 200x50 mm. sw. joists @ 400 mm cts 100 mm fiberglass insulation between joists 12 mm. plasterboard ceiling skim coated.

solid bonding midspan

2 IP steel beams over encased in 25 mm. plasterboard & set to give 15 mins fire protection.

100 mm. concrete floor slabs on 1200 g. d.p.m. on 100 mm. feltex insulation (25 mm. vertical to perimeter) on 1200 g. d.p.m. on 25 mm. sand. bonding on 150 mm. well rounded hardcore max 'U' value 0.18 W/m²C.

100 mm. dia half round pvc guttering, pvc fascia & soffit.

first floor window's min opening 450x750 mm. for means of escape purposes max 1100 mm to bottom of opening light.

100 mm. facing brickwork to match existing. 100 mm cavity 90 mm. geltek cavity wall 21 insulation 100 mm. insulation blockwork 15 mm. plastered finish max 'U' value 0.18 W/m²C.

1600 x 2100 mm. high double glazed UPVC doors catnic lintel over insulated dpc to jambs trickle vent to head equal to 8000 mm² toughened glass to 4000 mm² max 'U' value 1.2 W/m²C.

dpc min 150 mm. above ground level

600 mm. wide trenchfill foundation's depth to LA approved depth actual size & depth to suit site ground conditions.

section a-a

Proposed alterations at 12 Catherine Close, West End, Hants. SO30 3GS.

Scale 1:50

drawing n° CC.2-03.