

SIDE ELEVATION

DEF: 2011/6429/P

105mm facing bricks to match existing, 75mm cavity with 75mm CROWN DRITERM Insulation, Inner leaf of 100mm CELCON SOLAR blocks, 12.7mm two coat plaster finish internally 'U' value - 0.21 w/m³ C. Blocks are to B>S>6075;1981 and Agreement Board Certificate No. 07/1933 with max. density of 500Kg/m³. Top of cavity closed with block on edge and based filled with weakmix concrete to a min. of 150mm below d.p.c. level. Wall ties to be stainless steel 'Butterfly' type to B.S. 1245:1970 (as amended) and spaced at 900mm horizontal and 450mm vertical centres in a staggered pattern. Vertical spacing to be every block course adjacent to unbonded jambs. All cement in mortar below d.p.c. level to be Sulphate Resisting. FURFIX stainless stell angle is to be used at the junctions between new walls and existing with polysulphide mastic pointing externally (except where noted otherwise).

PERGUS FREEXIEY

To be approved hessian base bituminous felt type, well lapped at all corners and joints and to be kept 150mm above finished ground level. To be continuous with new d.p.m. and existing damp proofing elements.

Vertical D.P.C's

To be provided at all vertical closures of cavity, including all external door and window openings. Cavity to be closed with CELCON SOLAR blocks and back face of window frame to overlap d.p.c. by 55mm min.

<u>Flashings</u>

Code 4 lead flashings (with soakers and stepped-up where necessary) at the junctions between new tiled roofs and the existing house wall. All flashings to have 150mm min. up-stand

Windows

To be double-glazed U.P.V.C. type similar to the existing. Heads of new windows to habitable rooms to incorporate 8.00mm secure 'trickle type' ventilators. Kitchen, Bathroom and Shower Room windows to incorporate 4,000mm² secure 'trickle type' ventilators.

Lateral Restraint Anchors

5 x 50mm galv. M.S. tiles, once bent and turned 450mm min. down internal wall face and securely plugged and screwed to wall and screwed to floor/ceiling joists, are to be provided at 2.0m max, centres to all new perimeter and internal load bearing walls at first floor and roof level. Provide and fix noggin pieces where joists are parallel to walls.

> SCALE 1:100 BWG. NO. SB/B31/2 14.11.11 DRAWN BY J. BEVAIN. 48 GRASMERE AVENUE WEMBLEY. HA9 870. 020 8904 5947