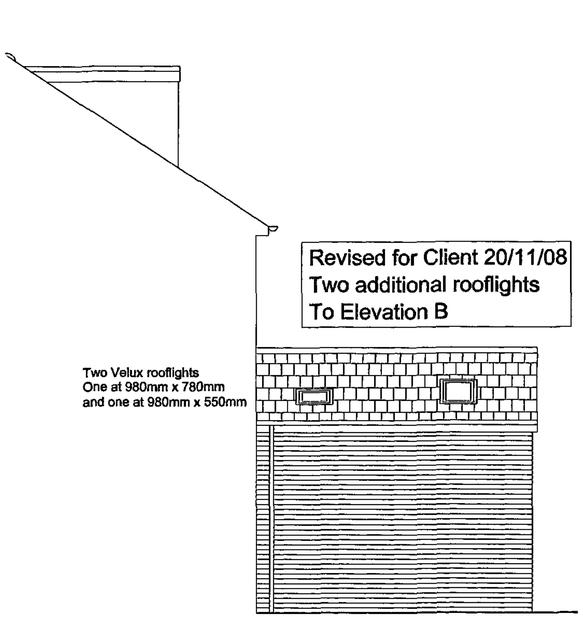
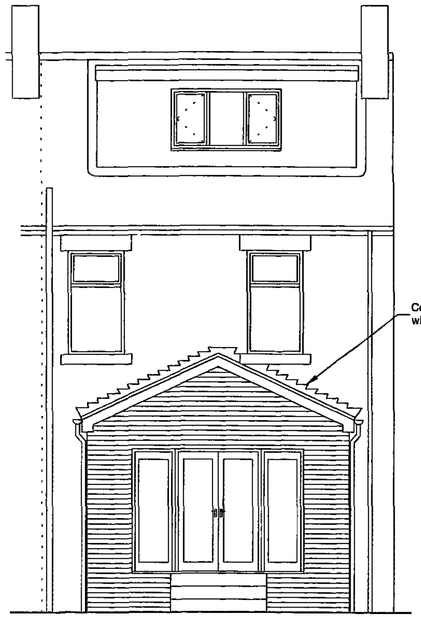


Two Velux rooflights
One at 980mm x 780mm
and one at 980mm x 550mm

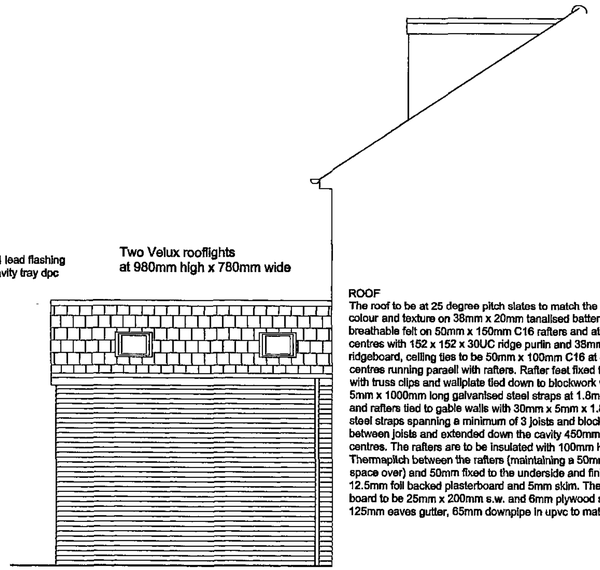
Revised for Client 20/11/08
Two additional rooflights
To Elevation B

Proposed Side Elevation B



Code 4 lead flashing
with cavity tray dpc

Proposed Rear Elevation



Two Velux rooflights
at 980mm high x 780mm wide

Proposed Side Elevation A

ROOF
The roof to be at 25 degree pitch slates to match the existing in colour and texture on 38mm x 20mm tanalised battens on breathable felt on 50mm x 150mm C16 rafters and at 400mm centres with 152 x 152 x 30UC ridge purlin and 38mm x 150mm ridgeboard, ceiling ties to be 50mm x 100mm C16 at 400mm centres running paraell with rafters. Rafter feet fixed to wallplate with truss clips and wallplate tied down to blockwork with 30mm x 5mm x 1000mm long galvanised steel straps at 1.8m centres and rafters tied to gable walls with 30mm x 5mm x 1.8m long steel straps spanning a minimum of 3 joists and block out between joists and extended down the cavity 450mm at 1.5m centres. The rafters are to be insulated with 100mm Kingspan Thermapitch between the rafters (maintaining a 50mm clear air space over) and 50mm fixed to the underside and finished with 12.5mm foil backed plasterboard and 5mm skim. The fascia board to be 25mm x 200mm s.w. and 6mm plywood soffit with 125mm eaves gutter, 65mm downpipe in upvc to match existing.

EXTERNAL WALLS
To be cavity wall construction with external leaf of brick to match existing, 100mm cavity with 50mm Kingspan Kooltherm K8 fixed to the internal leaf of 100mm Thermalite shield blocks. Walls ties to be 5 number per metre square and 225mm vertical centres to reveals, stainless steal double triangle to BS 1243. The internal wall to be finished with 15mm two coat gypsum plaster or 12.5mm plasterboardon dabs. The blockwork and brickwork to be either block bonded or tied using Furfix stainless steel ties to the existing, with the cavities made continuouswith existing. The dpc is to be 150mm above the adjacent finished ground level and linked with the existing, cavities closed with Thermabate or similar approved cavity closer.

WINDOWS & VENTILATION
The windows and doors are to be UPVC double glazed with 16mm air gap and a "soft" low-Ecoating and draught stripped with trickle ventilation of 8000mm2 and opening lights minimum 5% floor area of the room. Glazing to doors and side panels within 1500mm and windows within 800mm of the floor must laminated or toughened safety glass and marked according to BS 6206. Mechanical ventilation provided to kitchen and shower room of 60L/sec and 15L/sec respectively and ducted to the external air.

DRAINAGE
The new drains to be 100mm flexible jointed pipes (Hepsleve or similar) laid to minimum fall of 1 : 40 with 150mm pea gravel surround in accordance with BS 8301. gullies to be back inlet and fitted with an internal rodding access. The surface water is to be taken to a soakaway a minimum 5m from any building if the ground conditions are suitable.

GENERAL
The contractor shall ensure that all works comply with the Planning consent and the Building Regulations and that all materials are fixed in a workmanlike manor in accordance with the relevant British Standard Codes of Practice and in accordance with the manufacturers recommendations.
The contractor is to be responsible for checking and verifying all levels and dimensions on site and for submitting the relevant notices at the appropriate stages to the local authority for inspection of work.
The contractor to verify with the client the position and number of, socket outlets, switches, lighting points, radiators and similar fittings before commencement of work on site.

Revised for Client 08/10/08 Gable roof to extension

Revised for Planning requirements 11/06/08
Extension 730mm from boundery of no 44
and reduced to 4m from rear of dwelling

24 NOV 2008

Drawing No. WSP/08/03

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Address	46 Ward Street Penistone Barnsley
Project	Proposed Elevations
Scale	1 : 50
Date	October 2008

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