

Concrete roof tile to adjacent pitched roof

Height of new pitched roof sits higher than neighbours adjacent roof covering to allow of a stepped lead flashing detail to weather both properties

Downpipe from main roof to discharge onto single storey roof and away to new soakaway

EXTRACT VENTILATION

Minimum extract ventilation rates for intermittent extract systems as follows:

- Provide extract to WC's and Bathrooms: 15 L/sec
- Provide extract to Kitchen: 30L/sec (When extracting to the outside)
- Provide extract to Utility Room: 30L/sec

All ventilation to be in accordance with Building Regulations Part F

Internal walls to be removed and abutting walls made good

Chimney stack to be removed in accordance with Structural Engineers requirements. Chimney at Ground Floor level to also be removed

Porch Roof - uninsulated

Roof Construction consisting of the following from inside to out to be accommodated below only:

- 12.5mm plasterboard with skim finish
- 175x50mm timber rafters
- 18mm OSB3
- 18mm OSB3 fixed back to rafters
- GRP roofing system with proprietary GRP lead rolls, dark grey finish

Anthracite half round grey uPVC guttering and downpipes

15 Deg. GRP Pitched Roof with lead roll effect upstands

Roof Construction consisting of the following from inside to out:

- 12.5mm plasterboard with skim finish
- 175x50mm timber rafters
- 18mm OSB3
- Vapour Control Layer (VCL)
- 150mm PIR insulation board
- 18mm OSB3 fixed back to rafters
- GRP roofing system with proprietary GRP lead rolls, dark grey finish

- To achieve a U-Value of 0.18W/(m2.K)2 or better

VELUX GGU PK08 ROOFLIGHT (RL-01 / RL-02 / RL-03)

Rooflight to be installed in accordance with Manufacturers requirements. Contractor to note the window installation is into a GRP pitched roof build up, therefore Velux should be consulted prior with the assumption the installation will follow that of an installation into a zinc roof covering. Timber rafters to be doubled up either side of roof light in accordance with SE requirements

GGU PK08 Velux rooflight, flashing kit to be discussed with Velux for use with GRP roof finish

GRP roof taken up face of wall with lead flashing over

Masonry pier detail to match existing detail on original house

40mm stone resin shower tray

All plasterboard in En-suite to be MR plasterboard, floor to be prepared for tiles with Hardie Board cement board glued and screwed to existing floor board. Contractor to allow for electric UFH mat

Timber door to client choice in softwood linings with MDF architraves to client choice

CAVITY WALL CONSTRUCTION consisting of (inside to out):

- 12.5mm plasterboard with
- 15mm dab adhesive zone
- 100mm solid dense concrete blockwork
- 115mm cavity with full fill insulation - Celotex XR4000
- 102.5 facing bricks to match existing

- To achieve a U-Value of 0.18W/(m2.K)2 or better

Timber Intermediate Floor

Floor Construction consisting of the following from inside to out:

- Carpet and underlay to client choice
- 22mm Egger Protect P5 T&G chipboard
- 225mm Timber joists in accordance with Structural Engineers details
- 100mm PIR insulation board between joists
- 50x50mm batten zone with 50mm PIR insulation board between
- 12.5mm Fireline plasterboard
- 12.5mm Wallboard
- Skim/painted finish to client choice

- To achieve a U-Value of 0.18W/(m2.K)2 or better

Grey uPVC window.

NOTE: Window cill height matches existing first floor windows, opening lights to be discussed with Building Control as the cill height is below the 800mm height from FFL to avoid additional guarding

Masonry pier detail to match existing detail on original house

CAVITY WALL CONSTRUCTION + RAINSCREEN consisting of (inside to out):

- 12.5mm plasterboard with
- 15mm dab adhesive zone
- 100mm solid dense concrete blockwork
- 115mm cavity with full PIR fill insulation - Celotex XR4000
- 100mm solid dense concrete blockwork
- Membrane
- 25mm timber batten zone
- Artificial slate tiles

- To achieve a U-Value of 0.18W/(m2.K)2 or better

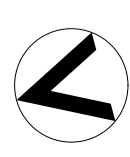
NEW WINDOWS

New grey uPVC window casements

Windows to provide opening area not less than 0.33m2 with a minimum clear opening of 450x450mm

- To achieve a U-Value of 1.4W/(m2.K)2 or better

rev.	date	changes description	issued by
C02	16/02/2023	Building Control Officer amendments	DF
C01	30/01/2023	Client layout amendments, June 2022 Part L amendments	DF



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