

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 0.15W/(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

Anthracite half round grey uPVC gutters and downpipes

25 Deg. Cut Timber Roof - Insulation between and under rafters
NOTE: Roof angle to match existing
 Roof Construction consisting of the following from inside to out:
 - 77.5mm Insulated plasterboard with skim finish
 - 150mm timber rafters, with 150mm rafter ties
 - 100mm PIR insulation board between rafters and 50mm air gap over
 - 50x25mm Roofing batten
 - Concrete interlocking roofing tiles to match existing
 - To achieve a U-Value of 0.15W/(m2.K)2 or better

25 Deg. Cut Timber Roof - Insulation at ceiling level
NOTE: Roof angle to match existing
 Existing Roof Construction consisting of the following from inside to out:
 - 12.5 plasterboard with skim finish
 - 50x150mm timber rafter ties with;
 - 150mm Rockwool insulation between rafter ties
 - 150mm Rockwool insulation roll over rafter ties
 - Void
 - 50x150mm timber rafters
 - Breather membrane
 - 50x25mm Roofing batten
 - Concrete interlocking roofing tiles to match existing
 - To achieve a U-Value of 0.15W/(m2.K)2 or better

Ridge tiles to match existing. Contractor to dryfix ridge tiles and allow for mortar works to match in with the existing adjacent ridge tiles

Proposed concrete roof tiles to match existing

Proposed concrete roof tiles to match existing

Lead stepped and flashing and soakers between existing gable brickwork and new abutting roof covering

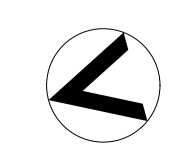
Anthracite half round grey uPVC gutters and downpipes

Existing concrete roof tiles

Existing chimney stack above roof level to remain due to neighbours shared use - Structural Engineer to be consulted on any permanent propping works in attic space to maintain stack integrity

Existing concrete roof tiles

rev.	date	changes description	issued by
C01	30/01/2023	Client layout amendments, June 2022 Part L amendments	DF



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