

All new walls below ground to be constructed using blockwork compliant with BS EN 771 and suitable for below ground level or semi engineering brickwork. Walls to be built using 1:4 masonry mortar mix or equal approved specification to BS EN 1996-1-1. Cavities below ground level to be filled with lean mix concrete min 225mm below damp proof course. Or provide lean mix backfill at base of cavity wall (150mm below damp course) laid to fall to weepholes.

To achieve minimum U Value of $0.18 \text{ W/m}^2\text{K}$

DPC

WALL TIES

CAVITIES

MOVEMENT JOINTS

Movement joints to be provided at the following maximum spacing:

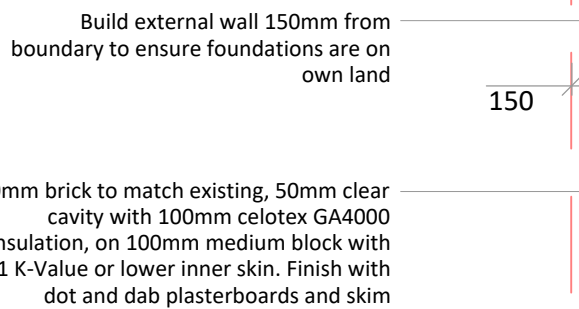
Clay brickwork - 12m.

Calcium silicate brick - 7.5-9m.

Lightweight concrete block - density not exceeding 1,500kg/m³ - 6m.

Dense concrete block - density exceeding 1,500kg/m³ – 7.5-9m.

required where the aspect ratio of the wall (length :height) is more than given to BS EN 1996-1-2:2005 Eurocode 6. Design of masonry structure.



2100 x 2700mm bi fold doors to achieve
1.8 U Value with steel beam and welded
bottom plate to support doors and
concrete padstones to structural
engineers calculations

Install 150mm lead flashing upstand and cavity tray above at roof wall abutment

Kitchen mechanical ventilation vented to external wall with 30l/s extraction rate where above hob and 60 l/s if elsewhere

External wall behind kitchen units to remain insitu to window cill height. Finish with plasterboard and skim

Connect existing bathroom waste into new branch pipe extending along rear wall to new corner stack boxed out in corner of the room. Extend boxing for the full depth of the wall for aesthetics

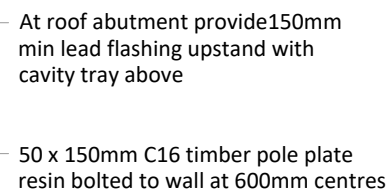
Fill voids with rockwool for sound deadening and finish with plasterboard and skim

1000 x 50mm galvanised restraint
traps built into cavity and taken over
min 3 timbers with noggins between

2 No 780 x 1180mm roof lights with
rafters doubled up either side. Roof
lights centered above Bi Folds

120mm celotex insulation between rafters leaving 25mm min gap behind for drap e of felt, with further 50mm insulation, plasterboard and skim below

ters at
n span



- Connect existing bathroom waste into new branch pipe extending along rear wall to new corner stack boxed out in corner of the room.
- Box out whole of existing external wall (above steel level) to fully hide branch pipe

Fill voids with rockwool for sound deadening and finish with plasterboard and skim

Cut back flat roof to build outer skin off garage wall
Install 150mm lead flashing upstand and cavity tray above at roof wall abutment

- Breatherable felt draped over rafters with timber battens and Smooth Wessex concrete tiles laid to manufactures instruction for achieved pitch

36 Spencer Road
Chapel en le Frith
High Peak
SK23 9SB

Revision	Date
Brick Construction	02.12.22
Header change	02.12.22

PLANS ARE TO BE READ IN CONJUNCTION WITH STRUCTURAL ENGINEERS DETAILS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK ALL MEASUREMENTS ON SITE PRIOR TO WORK COMMENCING. IT IS THE RESPONSIBILITY OF THE OWNER TO ENSURE ALL ASPECTS OF THE PARTY WALL ETC ACT 1996 ARE MET. PLEASE CONTACT PLAN DRAWER IF ANY ON SITE AMENDMENTS ARE TO BE MADE.



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