

WALLS BELOW DPC

Walls below DPC to be dense concrete trench blocks from foundation to 225 below finished ground level and approved facing to DPC externally.

CAVITY WALLS ABOVE DPC LEVEL - extension

External walls to comprise 103 facing brick to match existing with stainless steel wall ties to BS 1243:1978 set at staggered centres 750 horizontally and 450 vertically, reduced to 225 centres around openings, 100 cavity with 90 thick *Recticel* Eurothane+ cavity board insulation, 100 lightweight insulating blockwork, 12.5 plasterboard on dabs with skim finish
Minimum 'U' value of 0.15w/m²k
Thermabate or similar cavity closers to openings

EXTERNAL WALL LINTELS

All lintels to openings in external walls not indicated as steel beams are to be CATNIC or similar with anti corrosion treatment and integral DPC and stop ends for use with masonry construction or precast concrete to suit location.
Install lintels on a mortar bed allowing a min. 150mm end bearing on each end with 2No. weepholes over openings.
All steel lintels to be encased in 15mm fire line board or similar to achieve ½hr fire protection where appropriate.

FIRST FLOOR CONSTRUCTION

20 moisture resistant chipboard flooring on minimum 175x50 joists or depth of existing whichever is the greater @ 400 centres, 100 mineral wool insulation between joists, 12.5 plasterboard with skim ceiling

GROUND FLOOR CONSTRUCTION - extension

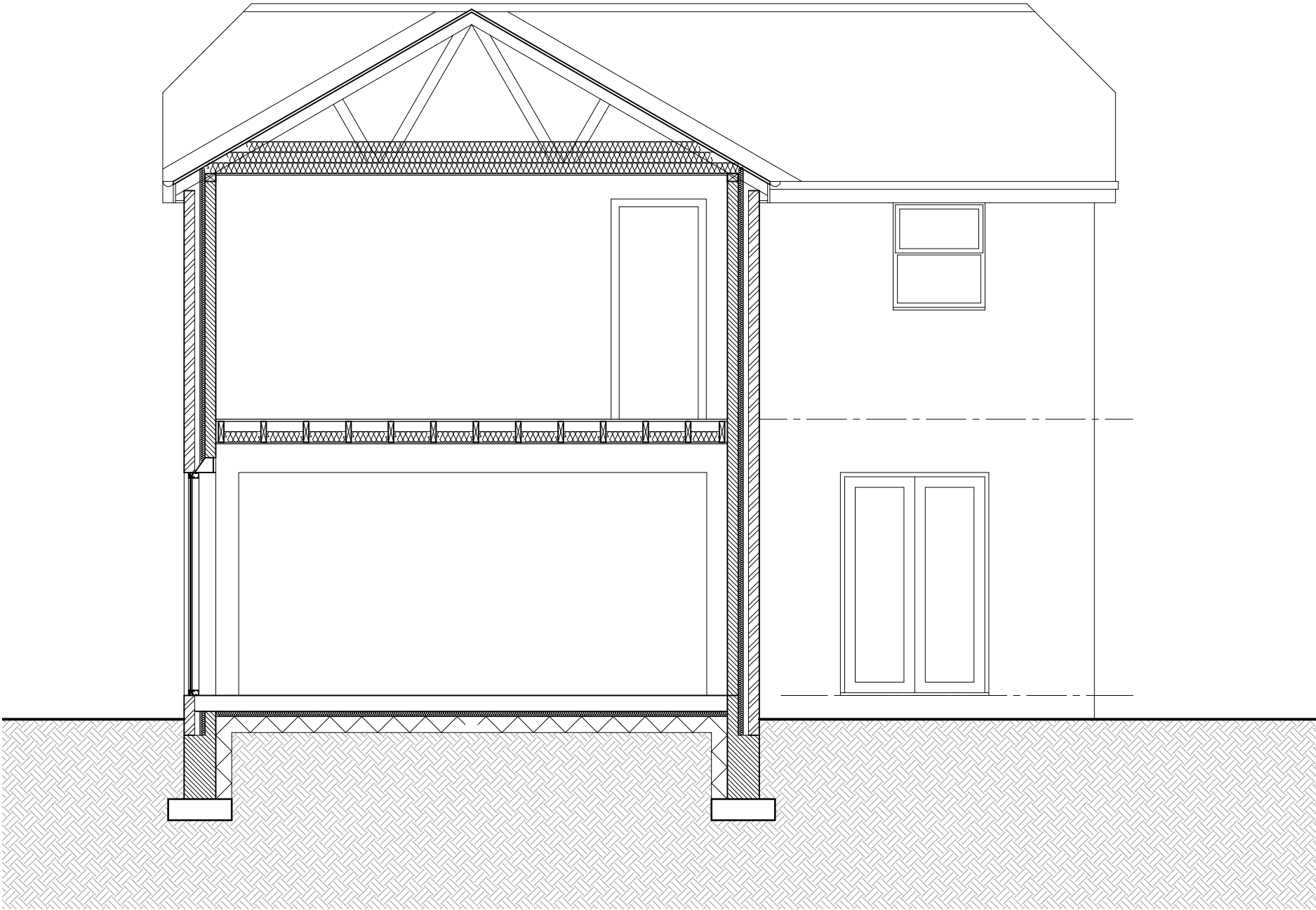
floor finish on 100 thick insitu concrete ground floor slab with mesh reinforcement, *Recticel* Eurothane GP 110 floorboard insulation VISQUEEN DPM, and rolled and blinded sub base.

FOUNDATIONS

EXISTING FOUNDATIONS ARE TO BE EXPOSED AND APPROVED FOR ADDITIONAL LOADS BY THE BUILDING CONTROL OFFICER.
600x200 insitu concrete strip foundation to a suitable bearing strata agreed with the Building Control Officer and in accordance with Regulations A1/2.

ROOF STRUCTURE - pitched - extension

Interlocking concrete tiles to match existing on 50x38 treated SW battens to BS5534 on breathable membrane supported on trussed rafters at 600 maximum centres fixed using truss clips to wallplate to walls.
Provide DUPLEX plasterboard ceiling with 100 mineral wool insulation between joists and 2N° 100 layers over to flat ceiling area.
Roof ventilation to be achieved by means of a proprietary ventilated eaves and ridge/hip system, including rafter tray and ventilated soffit, giving a total ventilation area to opposing sides equivalent to a continuous 10 gap. Ensure insulation does not block roof ventilation.
Roof tiles to be suitable f



a proposed section
Scale: 1:50

All dimensions shall be verified by the contractor on site prior to work commencing.
Do not scale from this drawing. Only work to written dimensions
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proposed extensions and alterations
3 cypress gardens, firgrove, rochdale

SUBJECT
proposed section

DRAWN dph
DATE june 2022
SCALE 1:50 @ A3

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