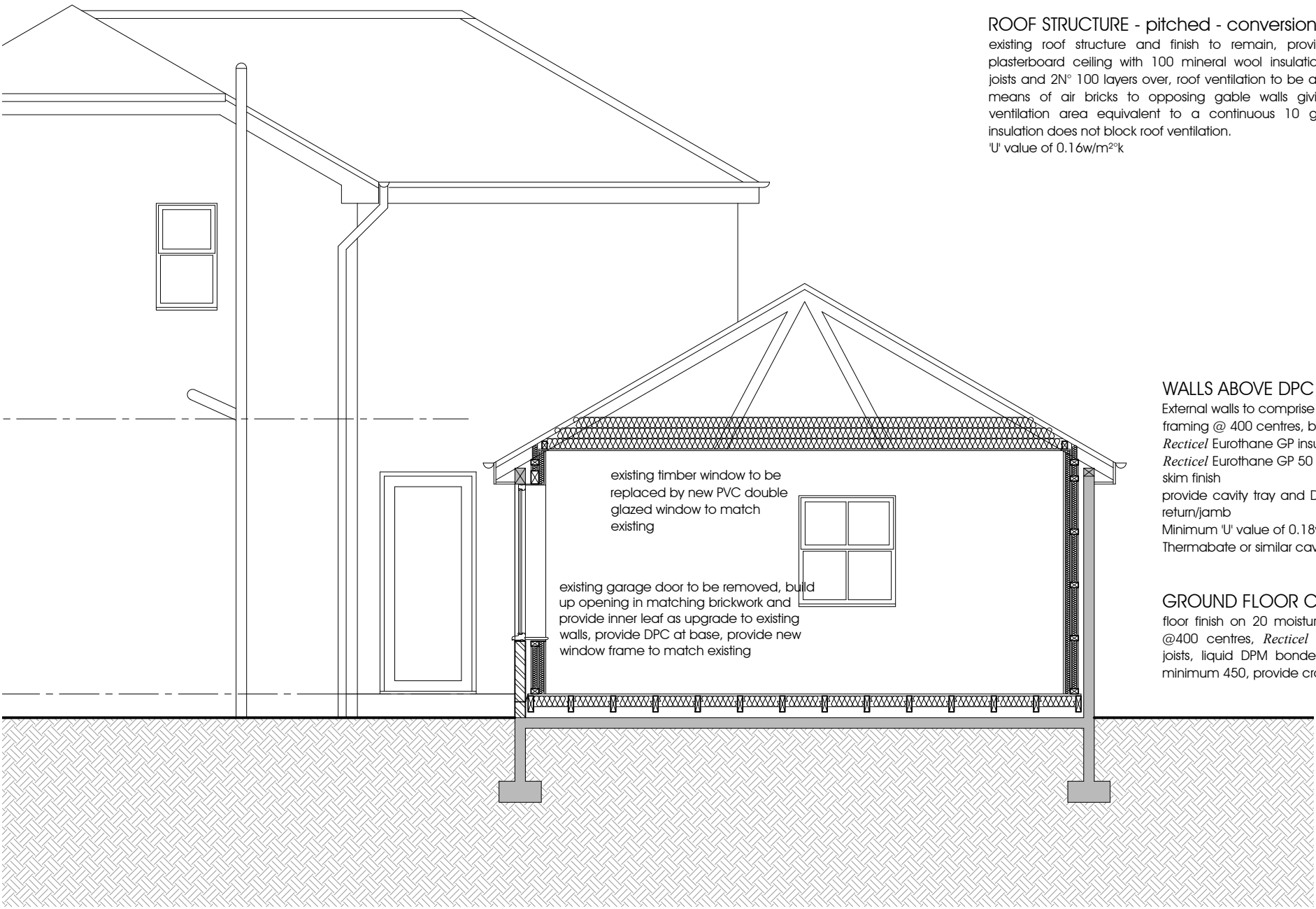




ROOF STRUCTURE - pitched - conversion
existing roof structure and finish to remain, provide DUPLEX plasterboard ceiling with 100 mineral wool insulation between joists and 2N° 100 layers over, roof ventilation to be achieved by means of air bricks to opposing gable walls giving a total ventilation area equivalent to a continuous 10 gap. Ensure insulation does not block roof ventilation.
'U' value of 0.16w/m²°k

WALLS ABOVE DPC LEVEL - conversion
External walls to comprise new inner leaf of 75x50 treated SW framing @ 400 centres, breather membrane externally and Recticel Eurothane GP insulation 75 thick between framing and Recticel Eurothane GP 50 thick internally, 12.5 wallboard lining with skim finish
provide cavity tray and DPC at base of wall and vertical DPC at return/jamb
Minimum 'U' value of 0.18w/m²°k
Thermabate or similar cavity closers to openings

GROUND FLOOR CONSTRUCTION - conversion
floor finish on 20 moisture resistant chipboard, 150x50 SW joists @400 centres, Recticel Eurothane GP 100 insulation between joists, liquid DPM bonded to existing slab and taken up walls minimum 450, provide cross ventilation to floor space perimeter

b proposed section
Scale: 1:50

proposed extensions and alterations
3 cypress gardens, firgrove, rochdale

SUBJECT
proposed section

DRAWN dph
DATE june 2022
SCALE 1:50 @ A3

pennine
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12 lime grove
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DWG No.
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