WALL CONSTRUCTION

100mm facing brickwork to match existing with 125mm overall cavity,partial filled with Celotex CW/4000 85mm cavity insulation (u value 0.170w/mk), 100mm thermal block (min. strength 3.5n/mm², max.thermal conductivity 0.15w/mk) inner leaf with wet plaster finish and 3mm skim coat over to finish. Wall ties to be 275mm long stainless steel double triangle type or similar approved of suitable designation to bs1243 or dd140 with proprietary insulation retaining disks at max. 750mm horizontal, & 450mm vertical centres (all in accordance with insulation manufacturers recommendations) and at 225mm vertical centres within 150mm of openings. furfix connectors to be used and all connections to existing brickwork.

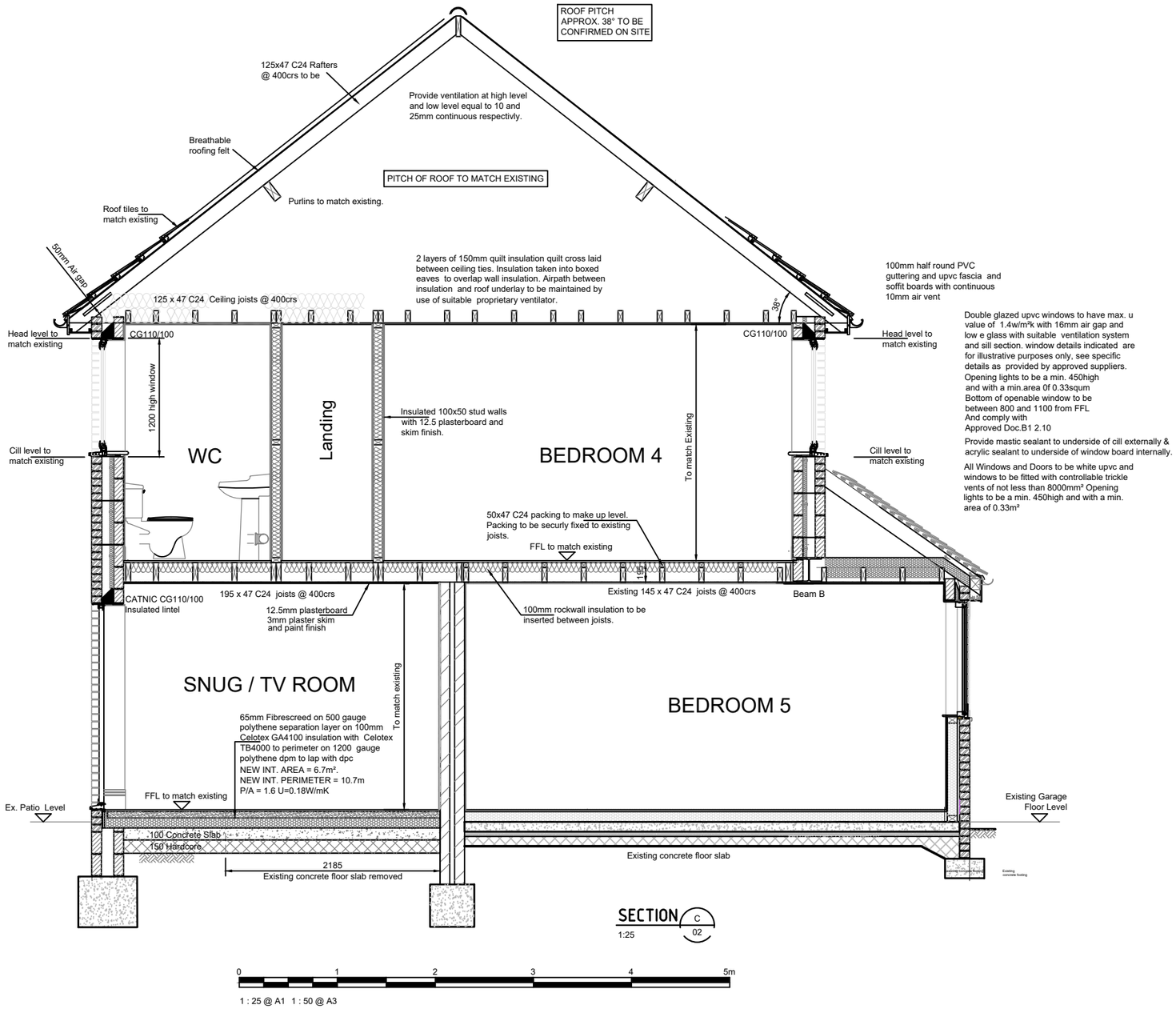
Furfix connectors to be used and all connections to existing brickwork. Cavities are to be continuous and cavity trays provided at roof / wall junctions

Movement joints to be at max 6m centers in new blockwork walls and 12m in brickwork.

Wall plates to be secured to walls by means of 30x5mm mild steel galvanized anchor straps @ 900crs. Ties to be secured to rafters with timber connectors Lateral restraint straps @ 1500crs are to be provided to tie in gable walls to the roof. Holding down straps @ max 1800crs are to be provided for roof joists.

Cavity closed at eaves level with proprietary polythene sleeved mineral wool closer, friction fitted within cavity. (closer must be between masonry faces when Kingspan wall insulation).

Internal stud walls to be constructed in accordance with drawings. sole and head plates to be C24 100x50, uprights to be C24 100x50 @ 400crs. with noggins at mid span and corner posts to be 100x100. joists under walls parallel to walls to be min. doubled up. walls to be finished with 12.5 plasterboard to either side to give half hour fire rating and joints to be taped and sealed. wall to be insulated with 100mm Rockwell for sound insulation.



Double glazed upvc windows to have max. u value of 1.4w/m²k with 16mm air gap and low e glass with suitable ventilation system and sill section. window details indicated are for illustrative purposes only, see specific details as provided by approved suppliers.
Opening lights to be a min. 450high and with a min.area 0f 0.33sqm
Bottom of openable window to be between 800 and 1100 from FFL
And comply with
Approved Doc.B1 2.10

Provide mastic sealant to underside of cill externally & acrylic sealant to underside of window board internally.

All Windows and Doors to be white upvc and windows to be fitted with controllable trickle vents of not less than 8000mm² Opening lights to be a min. 450high and with a min. area of 0.33m²

Rev.	Date	Revision
A1	Jan.2025	Scale bars added
A	Jan.2025	Issued for Planning Approval
-	Dec. 2024	Issued for Client Comments

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Client
Ms L. DENNEHY

Job Title
PROPOSED
TWO STOERY SIDE EXT.
AT
17 MILLFIELD
SOUTHWATER RH13 9HT

Drawing Title
SECTION C - C

Scale
AS SHOWN @ A1

Date
14-12-24

Drawn by
G.A.PAGE

Drg.No.
750.24 / 06

A1

partner LABC

Plot Date:

CAD Ref: