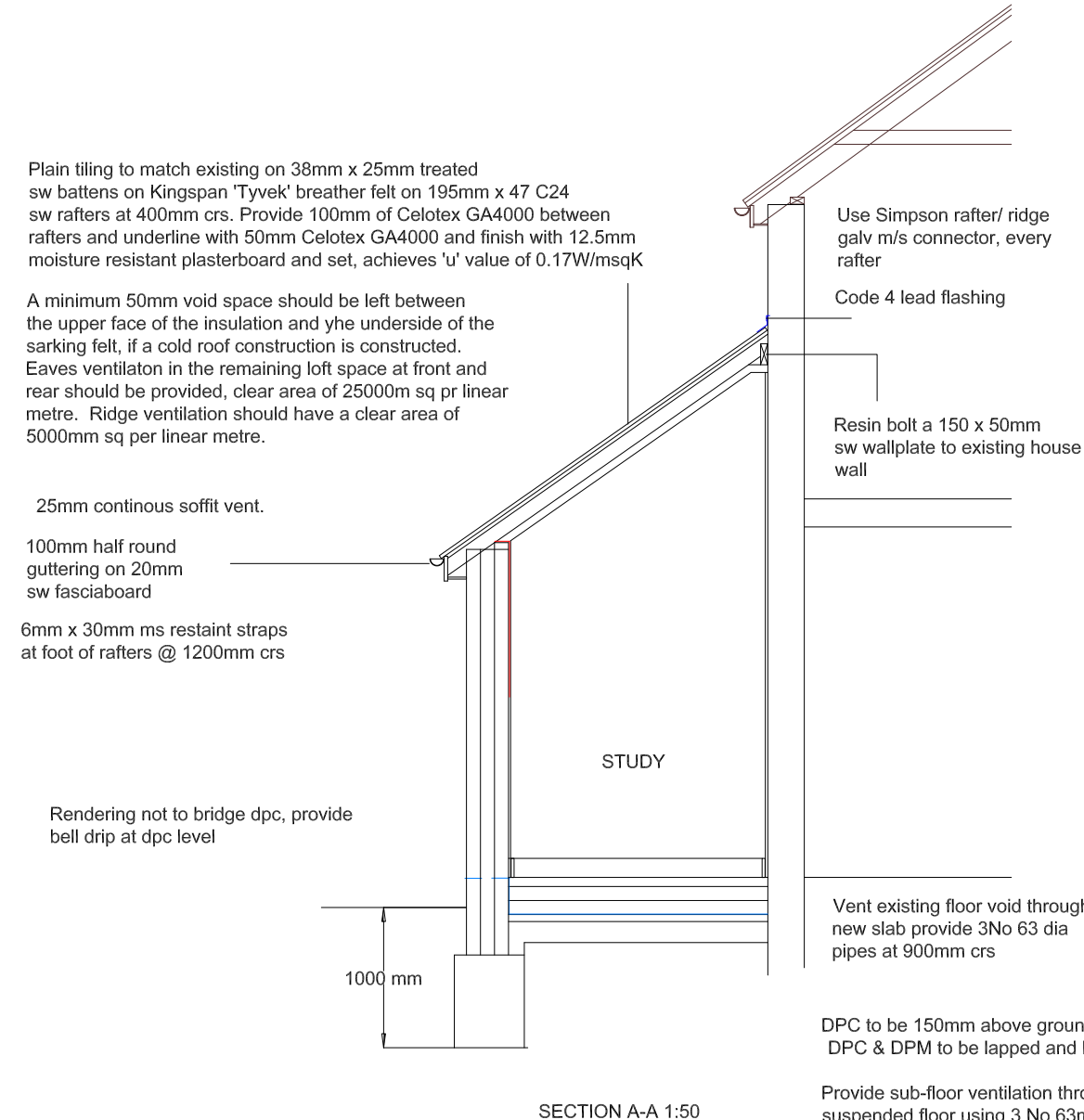


EXISTING STRUCTURE:
Elements of the existing structure such as foundations and lintels are to be inspected by Building Control and are to be upgraded or replaced if found to be necessary.

PRIOR TO THE COMMENCEMENT OF ANY WORKS THE BUILDER IS TO CHECK AND/OR DETERMINE ALL CONSTRUCTION DETAILS INCLUDING CHECKING EXISTING SITE LEVELS AND DIMENSIONS. THE DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER PROJECT DRAWINGS, CONSTRUCTION NOTES AND/OR PROJECT SPECIFICATION. ALL DISCREPANCIES SHOULD BE REPORTED IMMEDIATELY.

REV	DATE	DETAILS	DRAWN



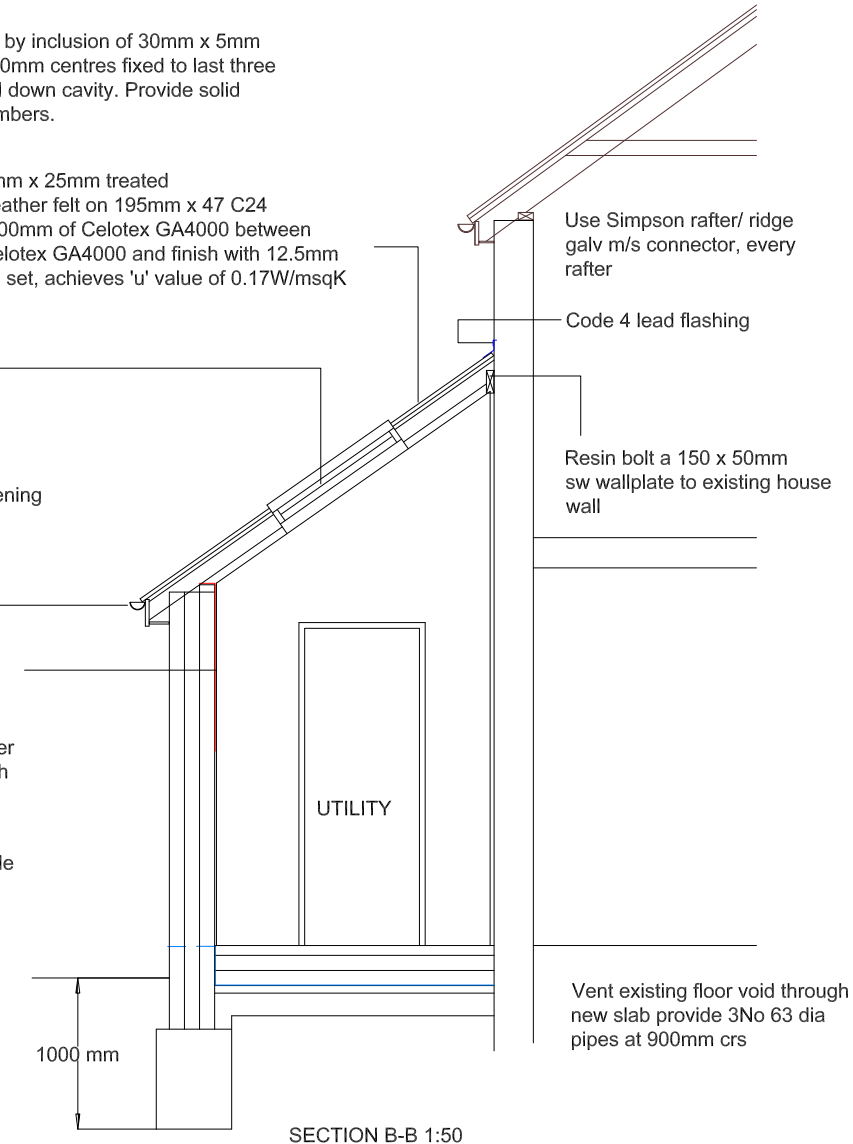
Provide lateral restraints to gables by inclusion of 30mm x 5mm galvanized mild steel straps at 2000mm centres fixed to last three rafters and ceiling joists and turned down cavity. Provide solid noggins under straps between members.

Plain tiling to match existing on 38mm x 25mm treated sw battens on Kingspan Tyvek breather felt on 195mm x 47 C24 sw rafters at 400mm crs. Provide 100mm of Celotex GA4000 between rafters and underline with 50mm Celotex GA4000 and finish with 12.5mm moisture resistant plasterboard and set, achieves 'u' value of 0.17W/msqK

Provide 780 wide x 980 mm high Velux white painted laminated centre pivot type GGL SK01 2070 roof window. Not to protrude above surface of roof line more than 150mm. Provide double rafters around structural opening

25mm continuous soffit vent.
100mm half round guttering on 20mm sw fasciaboard
6mm x 30mm ms restraint straps at foot of rafters @ 1200mm crs
bolt rafter to ceiling joist, every rafter using 10mm dia bolts and dog tooth connectors
Rendering not to bridge dpc, provide bell drip at dpc level

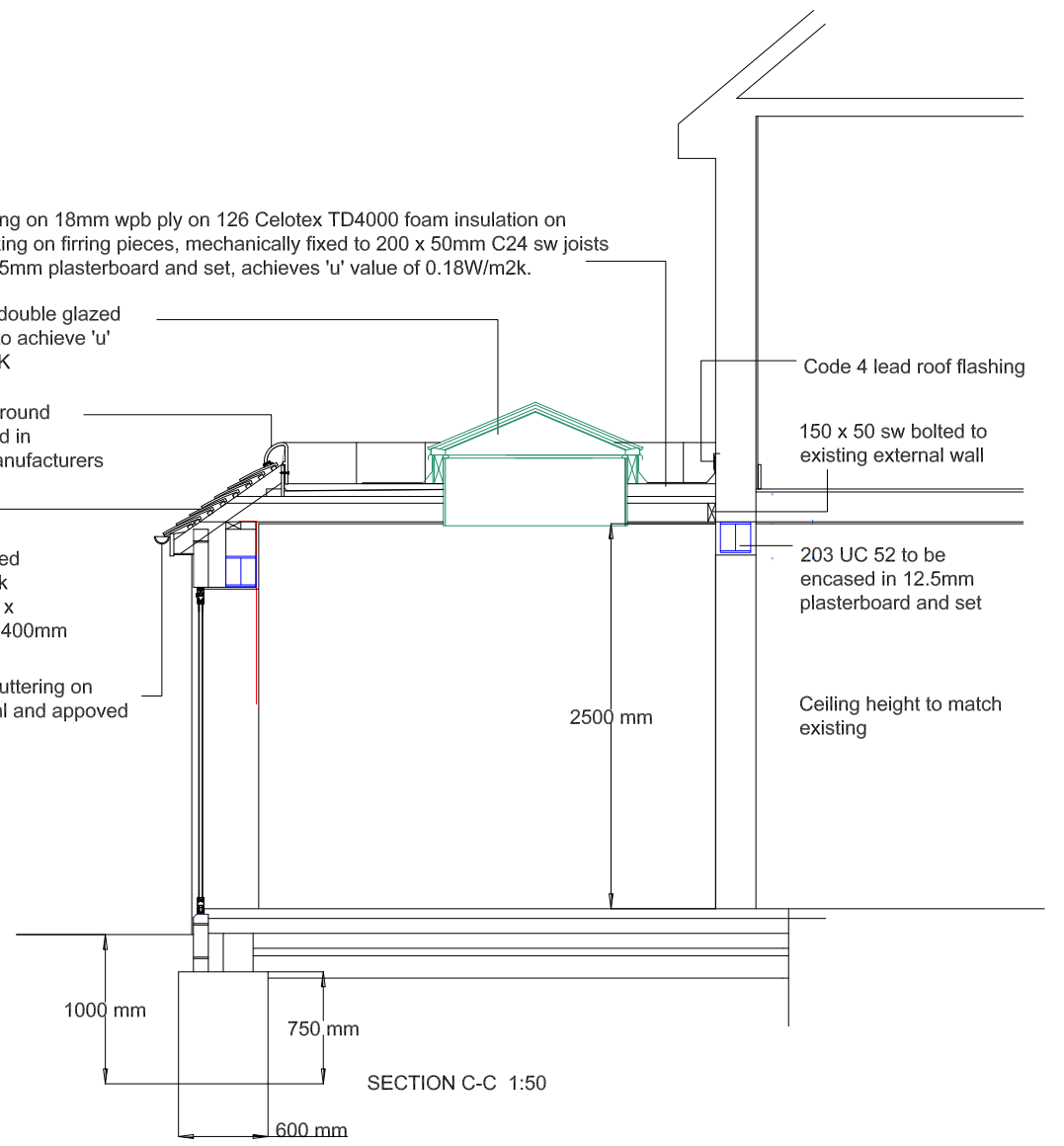
Vent existing floor void through new slab provide 3No 63 dia pipes at 900mm crs



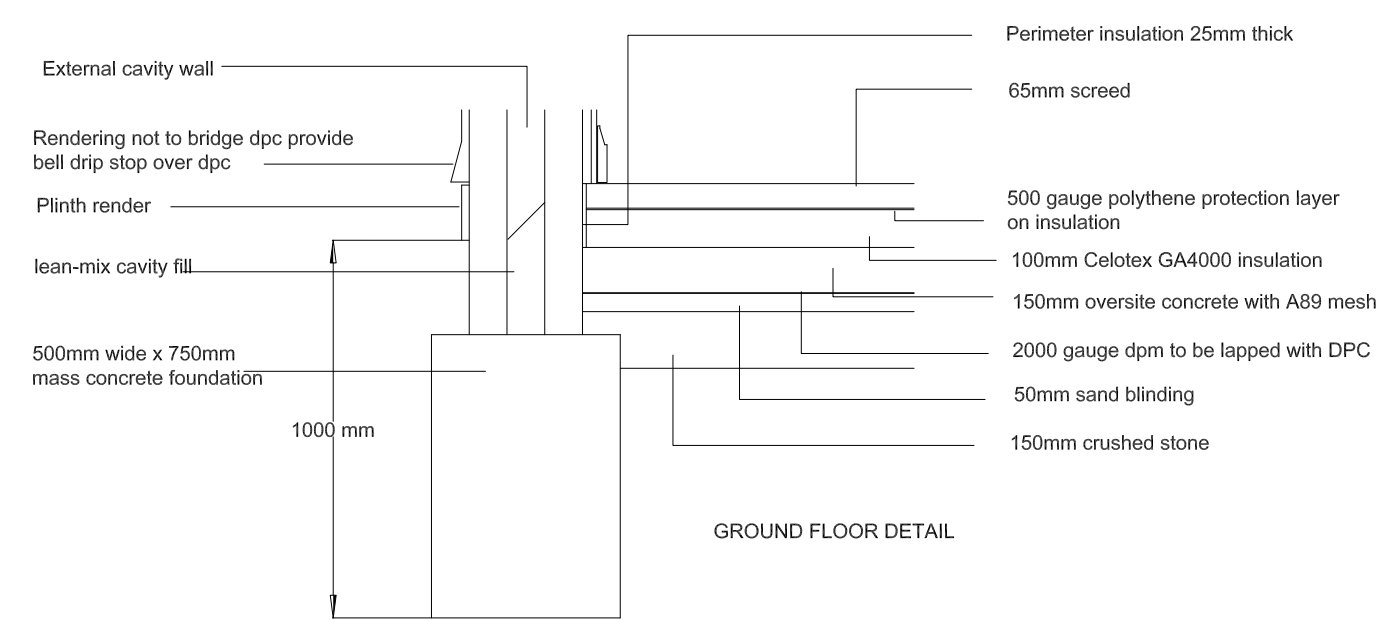
GRP flat roof covering on 18mm wpb ply on 126 Celotex TD4000 foam insulation on 22mm wpb ply decking on firing pieces, mechanically fixed to 200 x 50mm C24 sw joists underlined with 12.5mm plasterboard and set, achieves 'u' value of 0.18W/m2K.

2000mm x 900mm double glazed frameless rooflight to achieve 'u' value of 1.1 W/msqK
Sandtoft 20/20 half round mono ridge tile, fixed in accordance with manufacturers instructions.

Plain tiling on 38 x 25mm treated sw battens on Tyvek breather felt on 100 x 50mm sw rafters at 400mm crs.
100mm deep flow guttering on Swish or other equal and approved pvc'u' fascia



Provide sub-floor ventilation through solid floor, through to existing suspended floor using 3 No 63mm dia pipes, build in 65mm x 215mm terra cotta air bricks at 860mm crs as works proceed
DPC to be 150mm above ground level to be lapped with existing and DPM
Provide lean mix cavity fill to ground level
Note: DPC and DPM are to be lapped and taped to be continuous with any existing DPC
Actual size and depth of foundations to be determined on site and subject to Thames Water build over licence.



James. B. Langley Limited

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KT19 0HB

Title:
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Section B-B



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Building Surveying
& Project Management

Scale:
1:50 & 1:100
@ A2
Date:
NOV 2020
Drawing No
EW/103