

NEW CONCRETE INTERLOCKING THROUGH COLOUR TILES, COLOUR TO MATCH EXISTING AT 25deg PITCH ON 50x25 TREATED CLASS A TILING BATTENS AT GAUGE TO GIVE 100mm MINIMUM HEADLAP KINGSPAN NILVENT OR SIMILAR BREATHER MEMBRANE ON 150x50 C24 RAFTERS AT 400mm C/C 100mm THICK KINGSPAN K7 BETWEEN RAFTERS MAINTAINING 50mm VENTILATED SPACE AND 82.5mm KINGSPAN K18 TO THE UNDERSIDE OF RAFTERS TO ACHIEVE U VALUE OF BETTER THAN 0.14W/sq.mK SKIM FINISH TO INSIDE

VELUX ROOF WINDOW WITH FLASHINGS APPROPRIATE FOR CONCRETE INTERLOCKING TILES. DOUBLE RAFTERS BOTH SIDES, & DOUBLE TRIMMERS TOP & BOTTOM ALL FITTED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS

'GLIDEVALE AV50 AbVent' OR SIMILAR APPROVED VENTILATED ABUTMENT FLASHING TO PROVIDE 5000sq.mm VENTILATION per metre RUN OF RIDGE ABUTMENT

CATNIC CG90/100 INSULATED LINTEL OVER SLIDING FOLDING DOOR TO ENGINEERS DETAILS

BIFOLD DOOR

25MM KINGSPAN K103 PERIMETER INSULATION

SEMI ENGINEERING BRICKS BELOW DPC

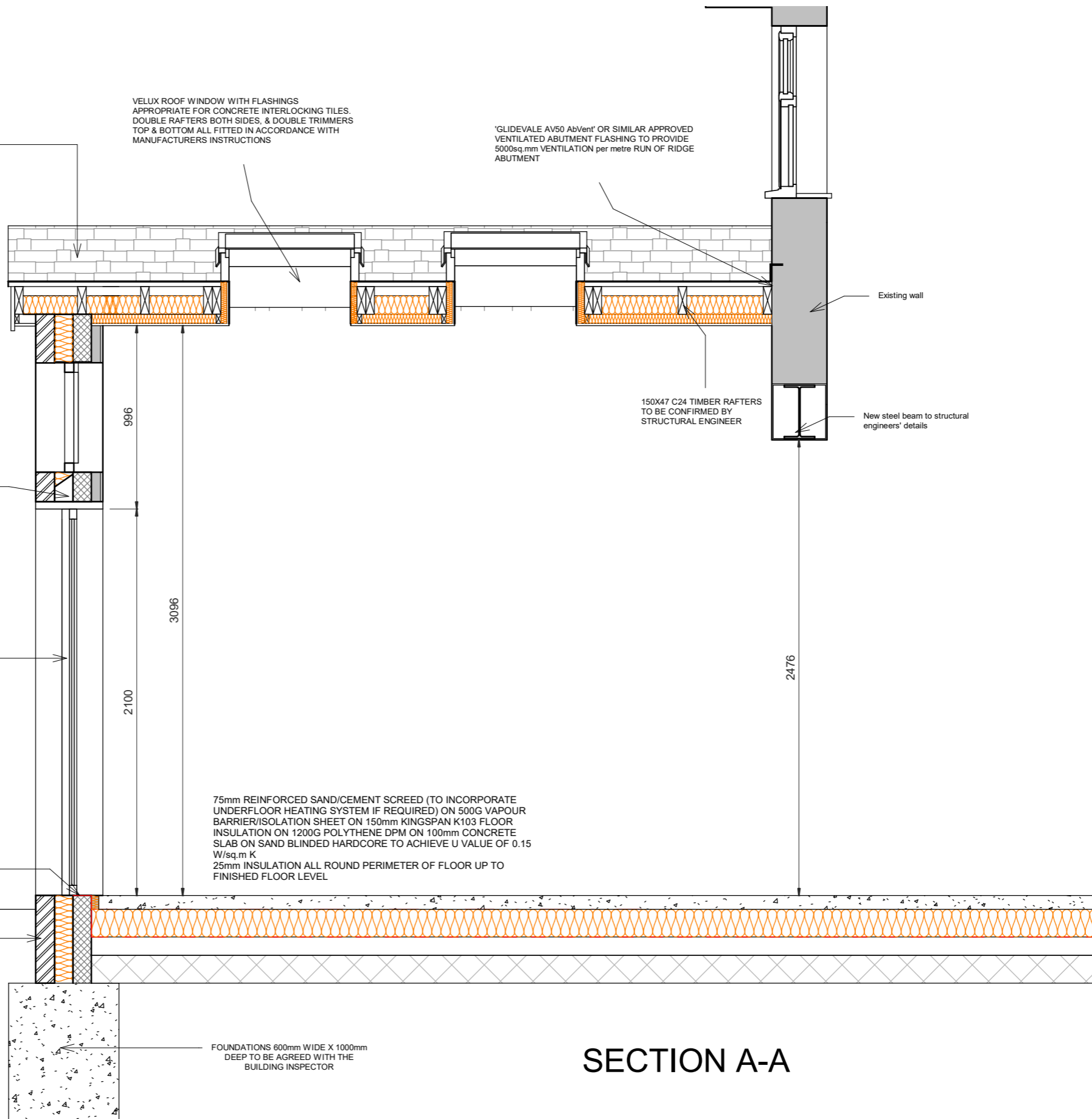
FOUNDATIONS 600mm WIDE X 1000mm DEEP TO BE AGREED WITH THE BUILDING INSPECTOR

75mm REINFORCED SAND/CEMENT SCREED (TO INCORPORATE UNDERFLOOR HEATING SYSTEM IF REQUIRED) ON 500G VAPOUR BARRIER/ISOLATION SHEET ON 150mm KINGSPAN K103 FLOOR INSULATION ON 1200G POLYTHENE DPM ON 100mm CONCRETE SLAB ON SAND BLINDED HARDCORE TO ACHIEVE U VALUE OF 0.15 W/sq.m K  
25mm INSULATION ALL ROUND PERIMETER OF FLOOR UP TO FINISHED FLOOR LEVEL

150X47 C24 TIMBER RAFTERS TO BE CONFIRMED BY STRUCTURAL ENGINEER

Existing wall

New steel beam to structural engineers' details



## SECTION A-A

ALL DIMS IN MILLIMETERS UNLESS NOTED OTHERWISE  
DO NOT SCALE EXCEPT FOR PLANNING PURPOSES  
IF IN DOUBT - ASK

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