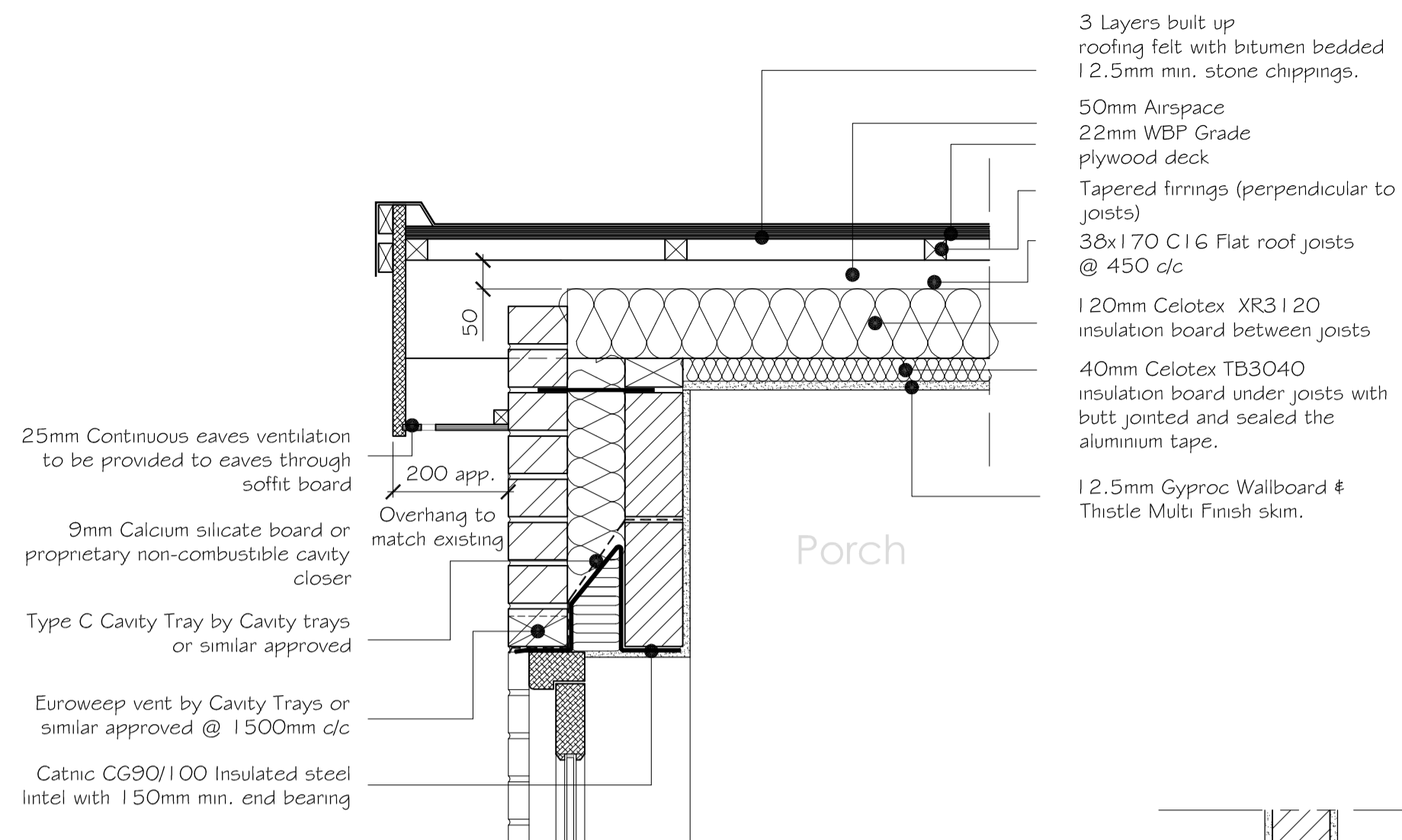
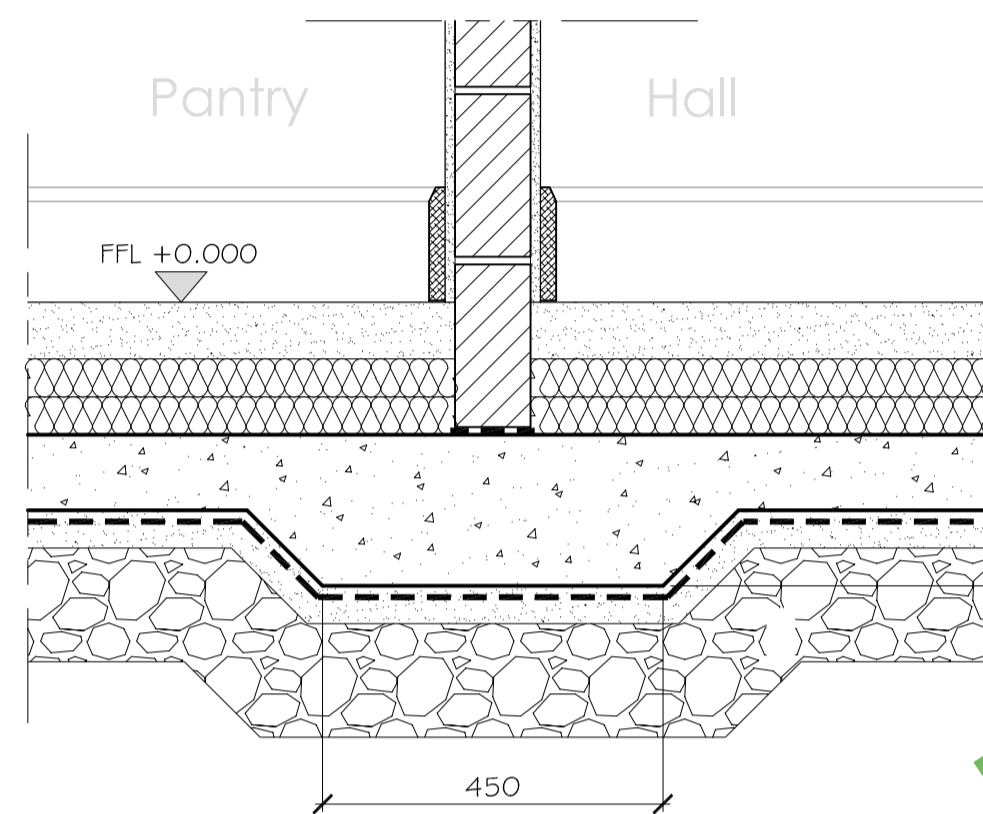


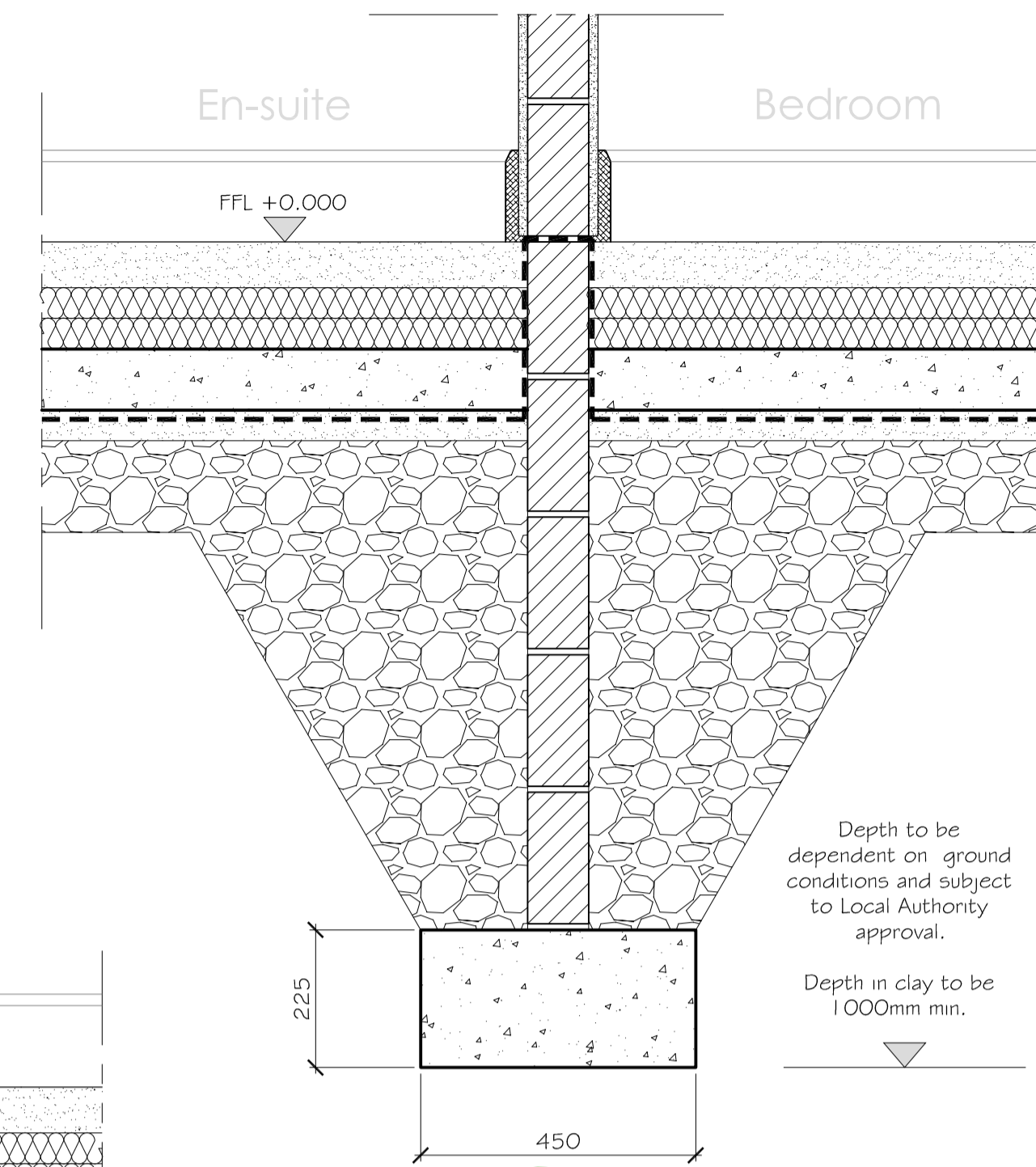
Detail Section 6-6
Scale 1:10 @ A1



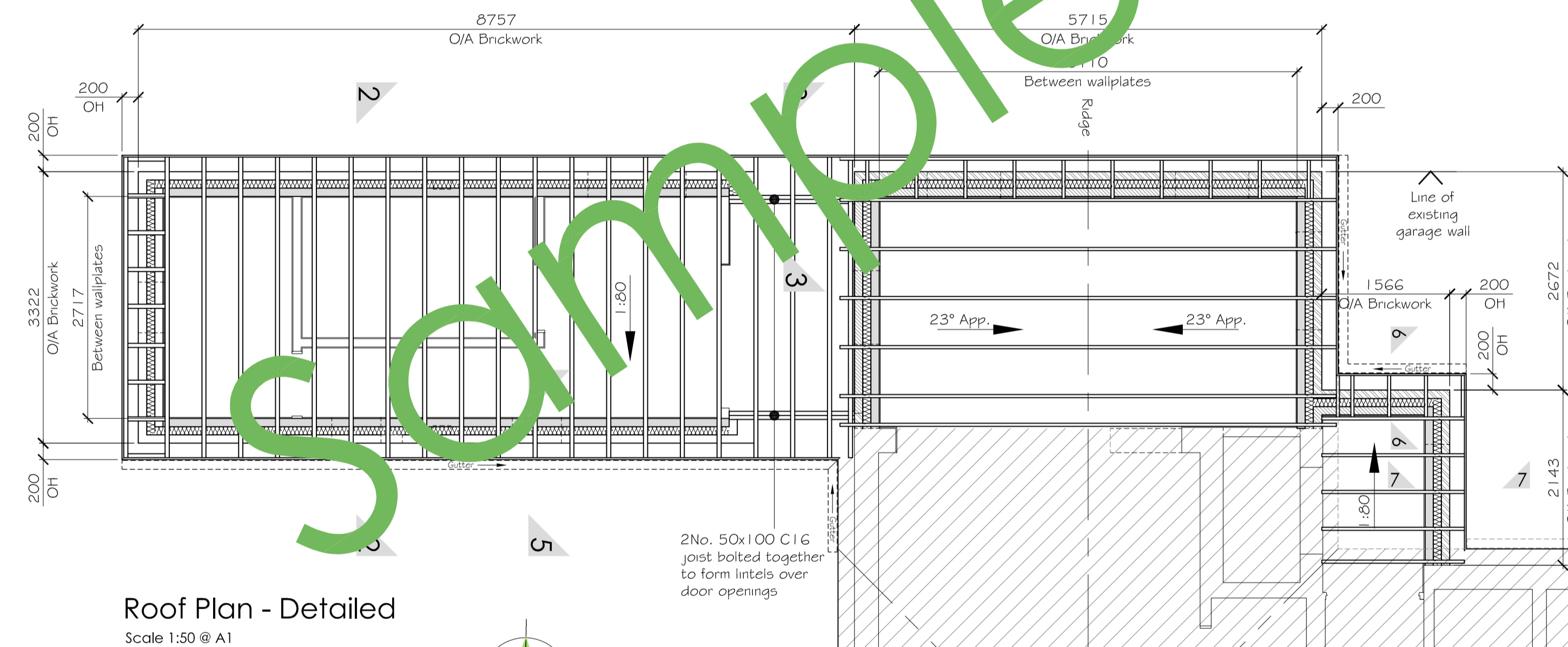
Detail Section 7-7
Scale 1:10 @ A1



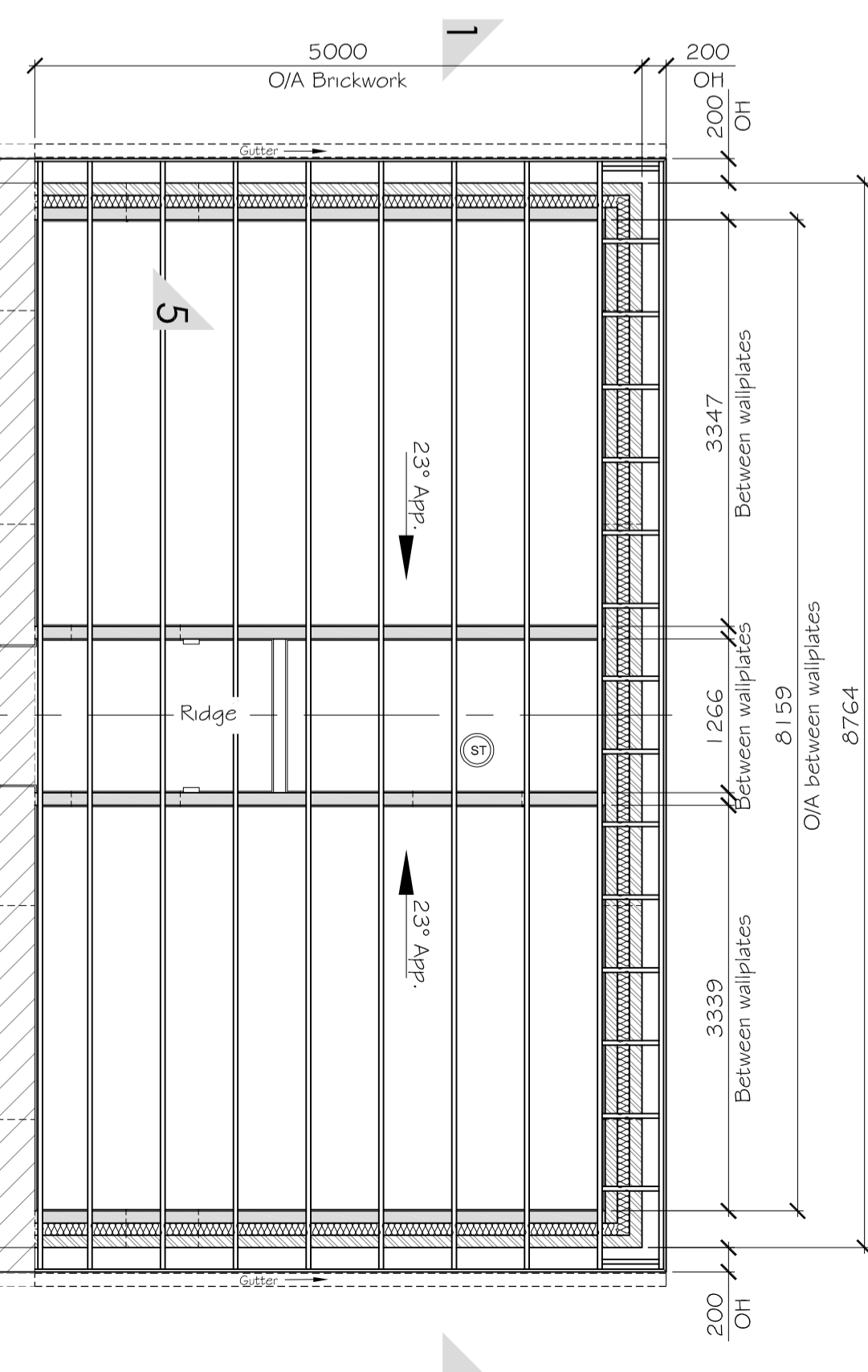
Detail Section 8-8
(Slab thickening)
Scale 1:10 @ A1



Detail Section 9-9
(External bearing partition)
Scale 1:10 @ A1



Roof Plan - Detailed
Scale 1:50 @ A1



Roof:

Main Roof: (to achieve a 'u' value of 0.12 W/m²K)
All dimensions & angles to be checked on-site prior to any ordering or manufacture of roof components. All roof timbers to be preservative pressure treated. Prefabricated trussed rafters to be designed and manufactured to BS 5268. Manufacturers calculations and layout drawing for the roof structure are to be submitted to the Local Authority Building Control Section - prior to manufacture - for their approval.

Lateral restraint straps - 30x5mm galvanised m.s. straps to gable at max. 2m c/c. Noggins between rafters at strap locations. Eaves overhang to match existing & as shown. 100mm continuous skip eaves ventilators to soffit. Eaves comb fillers and 50mm tray ventilators between rafters. Reclaimed Redland Delta interlocking concrete tiles in dark grey to match existing, 23° approx. @ 75mm min. headlap, on 25x30mm pressure treated tile battens over Tyvek SUPRO HDPE breather membrane or similar approved. All tiles to be securely fixed. 100x50mm pressure treated wallplates secured with 30x5mm galvanised m.s. restraint straps at 2m c/c. All flashings to be code 4 lead, unless otherwise stated, with min. upstands of 150mm. 100mm Rockwool Rollbatts laid between joists and 100 + 100mm Rockwool Rollbatts laid over joists, including over loft access hatch. Where possible electrical cables to be lifted free of the insulation. Loft access hatches (if fitted) to be draught sealed. Ceilings to be finished with 12.5mm Gyproc Wallboard with 2mm Thistle Multi Finish or board finish skim.

Flat Roof: (0.17 W/m²K)
All dimensions & angles to be checked on-site prior to any ordering or manufacture of roof components. All roof timbers to be preservative pressure treated. 38x170mm C16 @ 450 c/c joists with firings to 1:80 fall (as shown). Three layers of roofing felt, with bitumen bedded stone chippings covering the whole surface to a min. depth of 12.5mm, to B5 747 or similar approved laid in accordance with the manufacturers recommendations, extended under roof tiles and made weatherproof, on 22mm WBP grade decking, 50mm airspace to be maintained between insulation & decking. 120mm thick Celotex XR3120 insulation board between joists and 40mm Celotex PL3040 under, boards to be tightly butt jointed and joints taped with self adhesive aluminium foil tape to create vapour seal. Ceilings to be finished with 12.5mm Gyproc Wallboard with 2mm Thistle Multi Finish or board finish skim. All flashings to be code 4 lead, with min. upstands of 150mm. 100x50 pressure treated wallplates secured with 30x5mm galvanised m.s. restraint straps @ 2m c/c. Fascias and soffits to be in softwood decorated with a proprietary system or alternatively in uPVC installed in accordance with the manufacturers instructions. 25mm continuous eaves ventilators to all soffits. Ventilation required at abutment of pitched roof and new flat roof areas to achieve 5,000mm²m run, but due to Delta tiles will not be possible. Therefore two pairs of Cavity Trays, arranged one brick above the other and approximately half way up the gable and at third points, to be installed in the new north gable above the kitchen to provide ventilation to the roofspace. Total ventilation area provided = approx. 27,400mm² (approx. 17,500mm² required). Insect mesh to be installed internally. Roof timbers specified are taken from 'Span Tables for Solid Timber Members in Floors, Ceilings & Roofs for Dwellings - 2nd Edition' by TRADA Technology Ltd.

- Notes:**
1. Do not scale from this drawing. Where dimensions are shown these are to be verified against site dimensions prior to any setting out, ordering of materials or fabrication.
 2. All dimensions in millimetres unless otherwise stated.
 3. This document should not be relied on or used in circumstances other than those for which it was originally prepared and for which WOODS DESIGN was commissioned. WOODS DESIGN accepts no responsibility for this document to any other party other than the person by whom it was commissioned.

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Preliminary	<input type="checkbox"/>	Approval <input type="checkbox"/>
Tender	<input type="checkbox"/>	Construction <input type="checkbox"/>



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