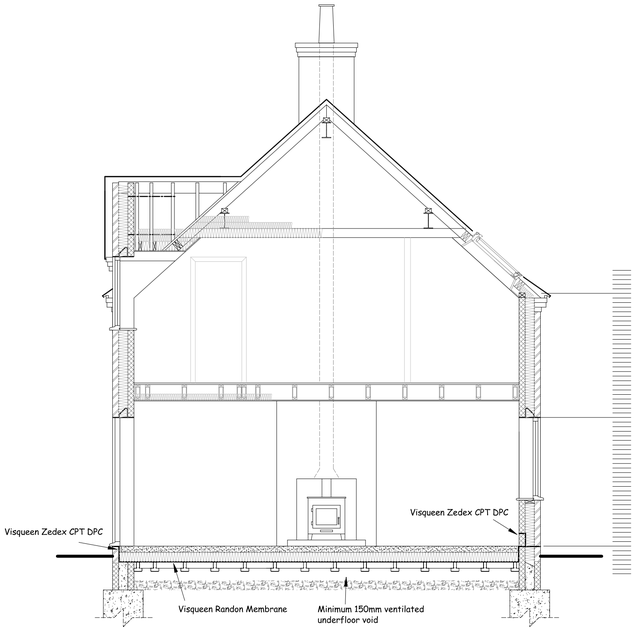
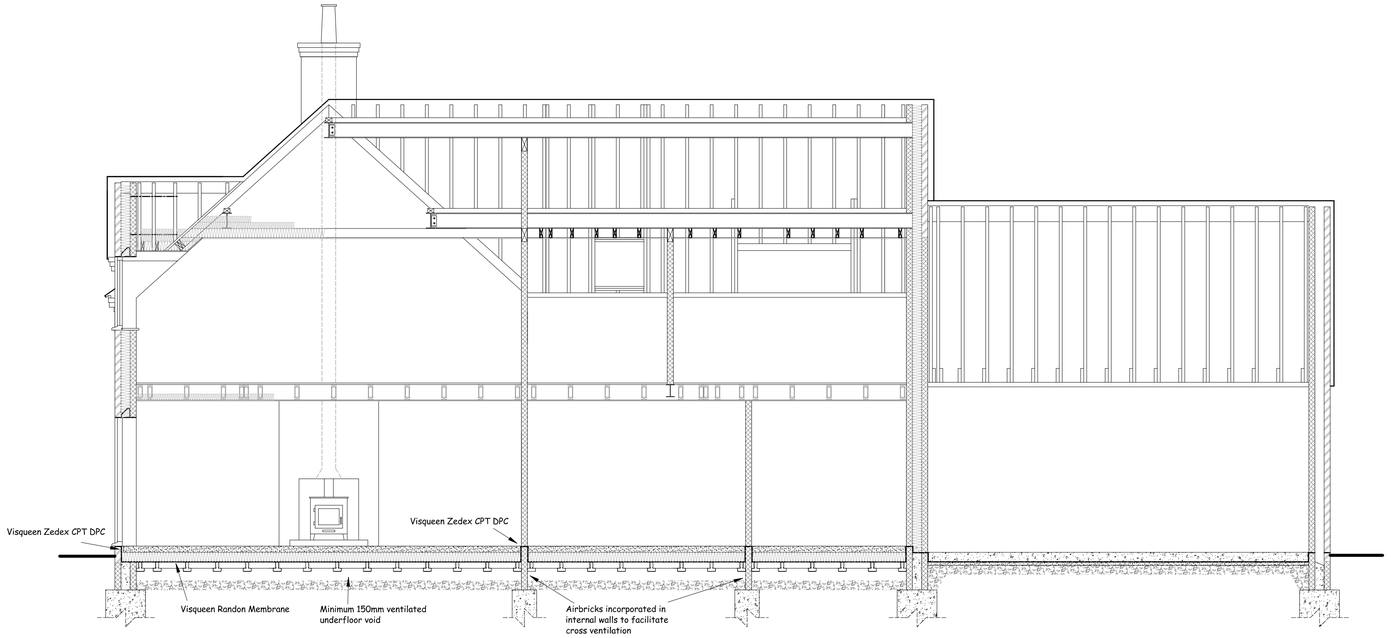
0 1 2 3 4 5

Metres

Scale bar 1/50





SECTION DETAILS INDICATING GROUND GAS PROTECTION MEASURES

Ground gas risk protection as a Characteristic 2 situation as defined in CIRIA C665; Assessing Risks Posed by Hazardous Ground Gases to Building, London CIRIA 2007

Protective measures to be incorporated:
Concrete Beam and Block ground floor structure with passive vented undefloor void of a depth not less than 150mm.
Incorporation of a 2000 gauge DPM/reinforced gas membrane installed in full accordance with manufacturers details with all joints and penetrations fully sealed
Free airflow to be provided below the beam and block floor structure equal to at least 1500mm2 per metre run of wall. Ventilators to be provided at not more than 2000mm centres and within internal foundation walls in order to facilitate cross ventilation.

See Visqueen, Radon Membrane, product data sheets included with the specification notes.
See Visqueen, Radon Membrane, detailing sheets RAD-01 & RAD-12 included with the specification notes.
See Telescopic underfloor vents product data sheet included with the specification notes

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CLIENT

Mr R and Mrs K Brooks

PROJECT

Proposed demolition of the existing bungalow and the construction of 3No new dwellings

at

No 27 Church Lane
Ipstones.
ST10 2LD

DRAWING NUMBER 19/569/13

Ground gas protection measures. Plot 3.

SCALES 1/50 @ A1