

INSULATION SCHEDULE

Ground floors Concrete slab P/A = .48 = 70mm GA4070 Celotex = 0.21 W/m2K, Celotex Tbreak TB4000 between screed/concrete and outside walls.

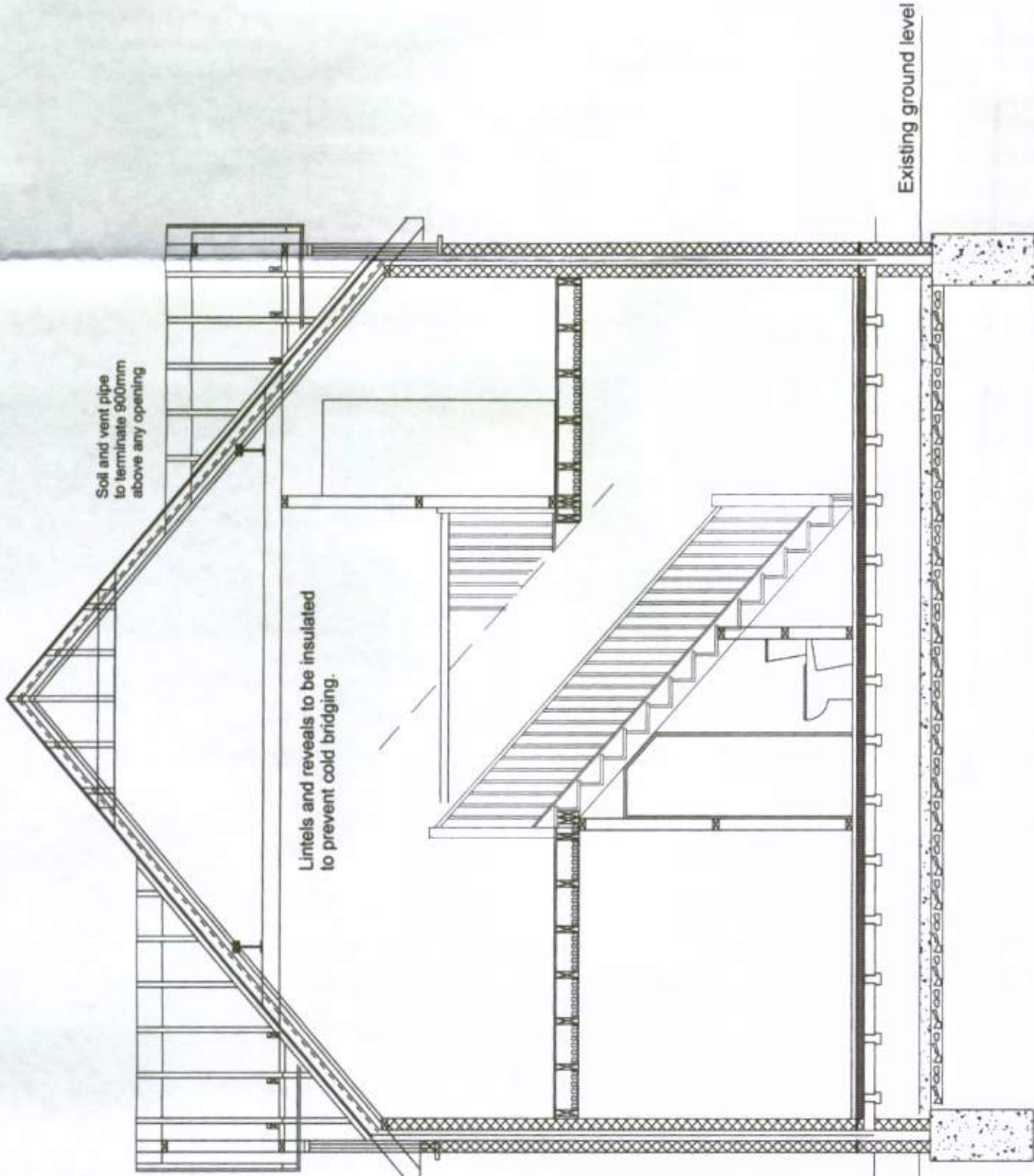
Cavity walls 90mm brick outside skin 100mm Toplight GT1 inside skin 45mm CW4045 Celotex = 0.28 W/m2K.

Windows to achieve 'U' value of 1.6 W/m2K.

Timber stud walls and Dormer cheeks to roof space 75mm GA4075 Celotex between studs pressed forward to outside face of stud with 25mm gap and 12mm Celotex to inside face plus 12.5mm plasterboard = .28 W/m2k.

Pitched roof ceilings 100mm GA4100 Celotex between rafters with 50mm gap between breather Membrane and insulation plus 35mm GA4035 Celotex underside of rafter = .18 W/m2K.

eiling level to achieve 'U' value of 0.16 W/m2K.



SECTION A - A

FOUNDATIONS Building Regulation A1/A2.
229 mm 2 x 7N concrete cavity block walls, minimum cover to foundations 1 m or to local authority requirements. Cavities to be filled with lean mix concrete to a minimum level of 225mm from DPC. Foundations concrete 1 : 3 : 6 20 mm Premix 450mm wide x 900mm deep. DPC to be 150mm above ground level. If any trees are within 30m of the foundation the foundation depth will need to be increased as this may affect the design.
Lintel over drain pipes in footings

Do not scale from drawings (excepting Local Authorities) All dimensions to be checked on site			All work to comply with Building Regulations, British Standards, manufacturer's instructions /specifications and engineer's calculations at all times. Construction must also comply with all safety at work regulations. Additional work may be requested by the building inspector as work proceeds to ensure the new building complies with all building regulations.		
No.	Change	Date	BY		
BKM PLANS architectural plans and drawing service			Title Proposed Annex at Poole Place Climping Littlehampton		
Scale	1:50		Drawing 3 / 4		
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