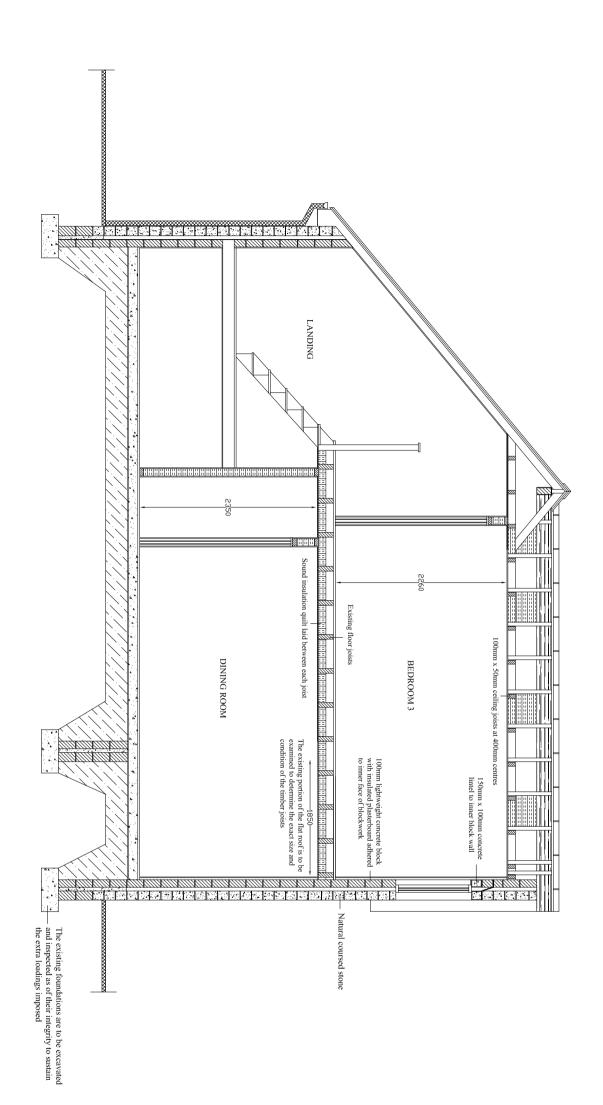
PROPOSED LONGITUDINAL SECTION THROUGH EXTENSION



CONSTRUCTION NOTES

INSULATION

to the following minimum standards:-The external walls, roof and floors are to be insulated

Roof - Unvented roof with insulation between rafters thick "U" value 0.18W/m2K. Internal block wall to have Walls - Kingspan Kooltherm K8 cavity board 50mm Kingspan nilvent breathable membrane laid taut in "U" value 0.16W/m2K. and underdrawn with Kingspan K18 Dry-lining board Kingspan Kooltherm K7 125mm thick between rafters Kooltherm K18 insulation board adhered to inner face.

Windows - timber frames with 4-22-4 double glazing ted unvented roof is to comply with BS 5250: 1989 water vapour drainage. All work on the warm insula-(1995).

to allow a minimum of 10mm gap for the disposal of counter battens should be fixed to the top of the rafter vertical runs held in place with staples. 25mm thick

Optitherm "U" value 0.12W/m2K. (low - E, en = 0.15 soft supplied by Pilkington

SOUND INSTALLATION

APR 1200 glass mineral wool fixed to inner side of be of 100mm studs with 12.5mm of Gyproc Wallsound transmission. All timber stud partitions are to will have a performance of 40LnTw minimum of ance reduction of sound transmission of 40LnTw. Gyproc Wallboard TEN to obtain an acoustic performlaid between each floor joist and underdrawn with board either side of partition with 65mm ISOWOOL lounges, kitchens and bathrooms etc. from corridors All internal walls adjoining habitable rooms, bedrooms, ISOWOOL 100mm thick APR 1200 insulation batts

LIMITATIONS ON AIR LEAKAGE

Robust Construction

general construction of the building. and all good practice guides shall be included in the around openings in the external fabric, floor and roof All reasonable methods to reduce infiltration of air

SAFETY GLAZING

to be safely glazed to BS 6260 and marked according to doors and windows below 900mm off the floor level are All glazing in critical locations i.e. glazing in and around

ELECTRICAL INSTALLATIONS

a competent person and a member of ELECSA. requirements of Part P of the Building Regulations by completion of the work to show compliance with BS BS 7671. The householder certificate is to be issued on demonstrate that the electrical installations conform to of ELECSA and the contractor, the notice must Notification to the Local Authority is the responsibility All electrical work will be carried out to meet the

and Safety Executive. shall be registered with CORGI approved by the Health The contractor or person appointed to carry out work GAS SAFETY (installation and use) REGULATIONS

SCALE 1:50 DRAWING NO. 08