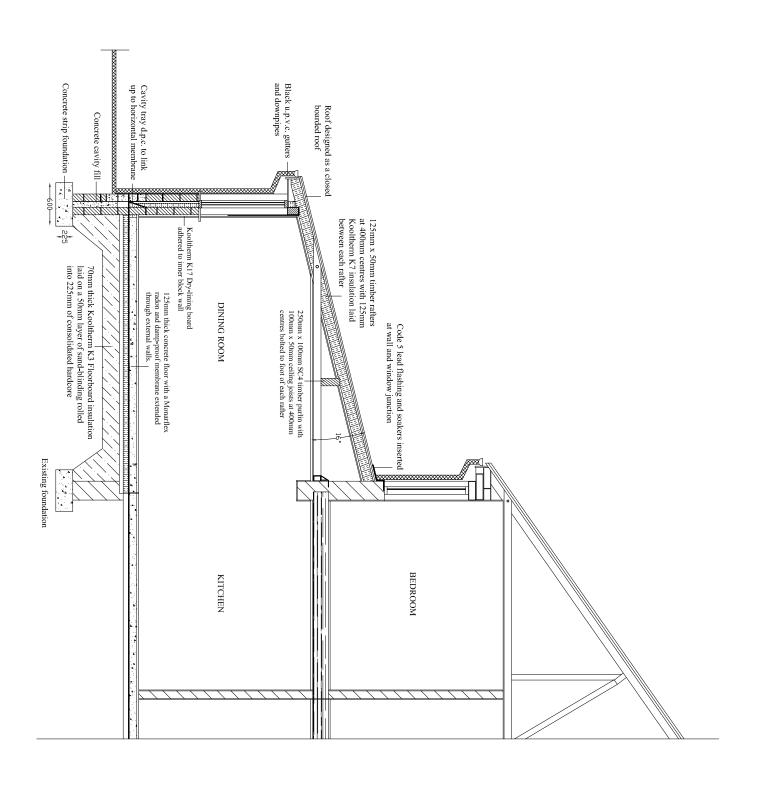
PROPOSED SECTION THROUGH EXTENSION



CONSTRUCTION NOTES

CONSTRUCTION TIES AND COMPONENTS

Rafter restraint straps - 4 built into wall and extended rafter feet straps are to be centred at the following:-Galvanised steel wallplate straps, rafter restraint and with stainless steel ties every masonry course. Wallplate straps - 1800mm centres; flanking walls or have proprietary mechanical fixings All new walls are to be block bonded into the

and secured to every third joist;

and secured to inner block wall. Rafter feet - fixed to each rafter and extended down

RADON GAS

Application procedure:the external wall and link up to the external d.p.c. radon gas into the building from the ground floor is designed to provide protection from the entry of A horizontal low density reinforced membrane to be incorporated under the floor and extend through

Approved Document C2. The preferred membrane must comply with BS 5759 edges of membrane under d.p.c. of external wall. and be laid to the manufacturer's instructions and to tape using a "top hat" seal for all service pipes. Carry overlapping joints 100mm and sealing with a sealant Cover entire floor with a radon protection barrier

ROOM VENTILATION

located 1750mm above floor level. square. The windows are to be secure, adjustable and they serve with background ventiliation of 8000mm will be in excess of 1/20th of the floor area of the room Rapid ventilation "opening lights" to all new windows

ESCAPE WINDOW

The bottom of the opening should not be more than obstructed openings of a minimum area of 0.33 metres 1100mm above floor level. square and at least 450mm high and 450mm wide. All new windows to habitable rooms are to have un-

ROBUST CONSTRUCTION

Robust construction details to include:-

- a) A continuous thermal element of dry-lining around elevate thermal bridging through the wall. the internal perimeter of the extension which would
- b) Thermal joints between elements i.e. around windows compound. frame and suitably sealed with an approved mastic and door openings are to be closed with thermal breaks or have the insulation extended to abut the
- with Kooltherm pipe or duct insulation or to standards set out in the Domestic Heating Compliance Guide. Internal pipes, hot water vessels etc. shall be insulated c) All service pipes and ducts bridging an external Kooltherm duct insulation. element are to be sealed around the element and insulated with Kingspan Kooltherm pipe insulation or

SCALE 1:50

leakage through the new envelope of the building fabric. Provisions should be made to reduce unwanted air

DRAWING NO. 05