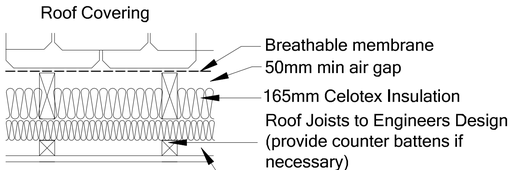

Roof Detail
Scale 1:10

Solid Stone Wall (approx 400mm thick)see drawing
200mm approx thin facing Stone outer skin with 215mm Celcon Solar block (lambda 0.11) and tied with 'butterfly' wall ties every 300mm(discard unwanted ties). In accordance with manufacturers instructions apply RIW liquid tanking to outer face of block wall and make provision for a DPM tray detail to DPC.
void between stone work and block work to be filled with lean mix concrete. 50mm Kingspan with integral plasterboard finish to be adhered to inner face and finished with an skim finish. U value 0.28W/m2K

PITCHED ROOF INSULATION
Cellotex two layer system;
Sloping tiled roof to have min. 50mm air gap for cross ventilation.
'Celotex' 100mm fitted between rafters with 'Celotex' 65mm overface internal lining 25mm low-emissivity cavity and 12.5mm wallboard on 25x500 battens internally. 'U' value 0.18 W/msq.K.

code 5 lead flashing

Indicative roof section only
Roof Construction - See structural Engineers Details and Calculations

BEDROOM

KITCHEN

Marley - Ashmore double plain tile - 22.5 degrees min pitch

WINDOWS & SAFETY GLAZING
All new windows and glazed doors to be double glazed to achieve a 'U' value of 1.6W/m2K
All glazing below 1500mm in doors and adjacent panels also to windows below 800mm to be safety glass to B.S. 6206.

81.43
80.23
79.43
79.24
78.04
77.14 ffl

2200
600

REDUCE LEVELS TO SUIT
new manhole
outline of drain run
5005

Section AA
Scale (1:50)

Masonry below ground level for external walls and below DPC level to internal walls to be class B engineering brickwork to BS 3921 calcium silica bricks to BS 187 or Thermalite Trenchblock Mortar to BS. 5628 pt 1 mix 1.1.6. Portland cement. New walls to be tied to existing by toothing or block bonding.
16mm two coat render to 225mm standard block wall.

FOUNDATIONS;
Excavate foundation trench to a suitable depth to suit site subsoil conditions and approval by Local Authority Building Control Officer. Lay continuous strip footings mix; 1.3.6. at minimum depth 900mm below ground level. Width of footings to be 600mm by 225mm deep. Size to be finally determined on site.

225mm deep Beam and block flooring system installed in accordance with manufacturers specification and instructions. 1200 gauge DPM to be laid over and continuous with tanking to wall (use RIW manufacturers instruction and specification) DPM to be 1200 G polythene non-tearing and continuous with DPC.
100mm Celotex GA3000 insulation laid over with 30mm insulation at return of slab up to finished floor level. (not to be wider that thickness of plaster + skirting) and to prevent cold bridging with building paper or separate layer over insulation with 65mm structural screed over. U Value 0.22W/m2K

NOTES

This drawing must be read in conjunction with all the relevant details for this project.

All work is to comply with the current requirements of the Building Regulations and allied legislation.

No work is to extend over adjoining properties without express instructions.

All contractors / sub-contractors must ensure that they have the latest issue drawings and details before commencing work

Figured dimensions take preference over scaled drawings. Large scale drawings take preference over smaller scale drawings.

All materials are to be used and installed in strict compliance with manufacturers recommendations.

No.	Date	Revision

Client

Job Title

Drawing Title
Building Details 5

Scale 1:50 / 1:10 @A1

Date

Drawing No. | rev A