

NOTES  
Foundation permission & building control approval to be obtained before work commences  
All measurements and drain runs to be checked on site before work commences.

Foundations : 500d x 600w strip conc. 900 deep. Foundation details subject to site excavation revealing loadbearing strata unsuitable strata will necessitate amended foundation details before work continues.

Foundations taken down below any drains running under property, shutter out and pack min. 50mm polystyrene around drain passing through found. R.C. lintel over drain.

Construction of cavity walls:- 100mm brick to match existing outer leaf, 100mm insulation with 90mm Kingspan K106 cavity insulation to give U value of 0.18, 100mm celecom or thermolite shield inner leaf. Internal finish to be 12.5mm PB & skim, s/s wall ties to BS1243 (1978). All cavities closed off at top with cavity closers, not to obstruct roof ventilation. Wall tie c/c: 450 vertical, 750 horizontal.

Bricks to match existing brickwork, join to existing with wall starters.

Cavity trays with weep vents should be provided at the abutment of the existing walls and the proposed roof.

All other walls to be 75 x 50mm wood stothing, PB and skim. Pocked with fireglass quilt.

Lintels to be used over every new window & door opening. Lintels to be Catnic CG unless otherwise stated, min. bearing 150mm, external lintels to be insulated. All lintels and steel beams to be encased with 19mm PB and 7mm skim to give 1/2 hr. fire resistance.

Doors and windows to have vertical & horizontal DPC and to be draught stripped.

New windows to have 30mm existing trickle seal to all new woodwork 10000mm2 per room, opening lights will be min1/20 floor area.

Windows to double glazed on three tracks at high level min. 10000mm2 Any glazing within 800mm of floor level and within 1500mm of floor level to doors and side panels to be toughened safety glass to BS6202 (1981).

All new windows to be argon filled and have warm edge glazing bars to achieve U value of 1.4

Wall ties to be positioned every 225mm around door and window jambs.

Dwelling area concrete Floor : 75mm screed on 500 gauge polythene sheet on 100mm Celotex G44000 on 150mm concrete on 1200 gauge visqueen DPM on 25mm coarse sand blinding on 100mm clean well consolidated hardcore DPM lapped into DPC. Floor to have U value of 0.18 An upstand of 25mm thick insulation is required at the floor perimeter.

Air Bricks - 220 x 150mm air bricks trunked through cavity with DPC over, then turned through 180. 100mm PVC pipe per air brick through floor to ventilate existing timber floor, min. 1500mm 2/M run.

Flat roof, warm deck roof construction :- RubberBond FleeceBock covering (or similar approved) on single ply vent layer having 50mm diameter holes at 50m c/c laid fully bonded on 150mm Celotex G44000 (vapour barrier and roof deck included) onto 150 x 50 C24 joists.

Plaster board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

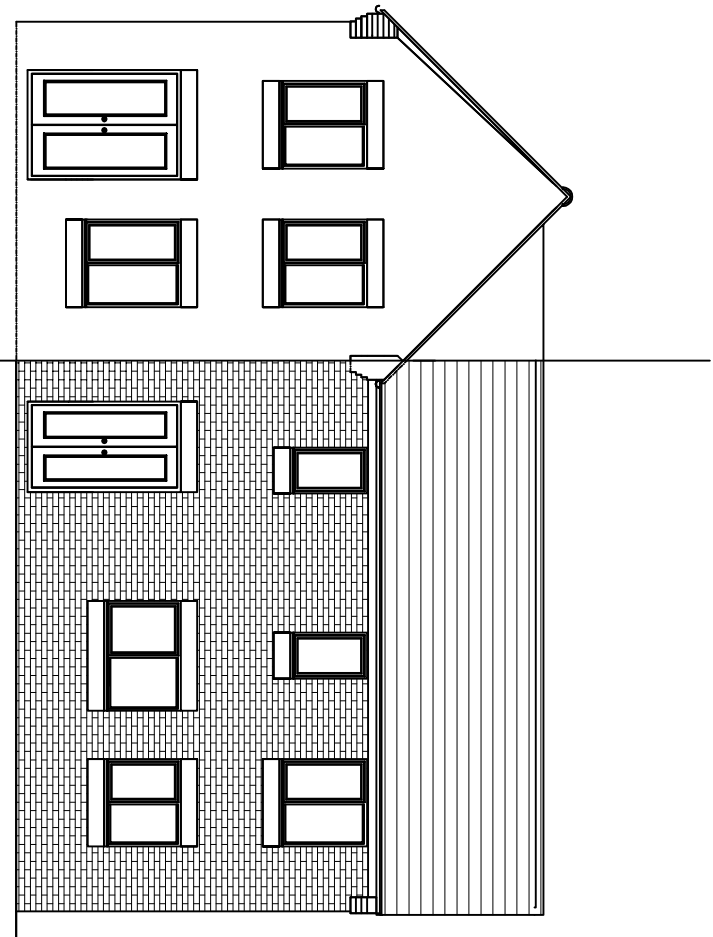
Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

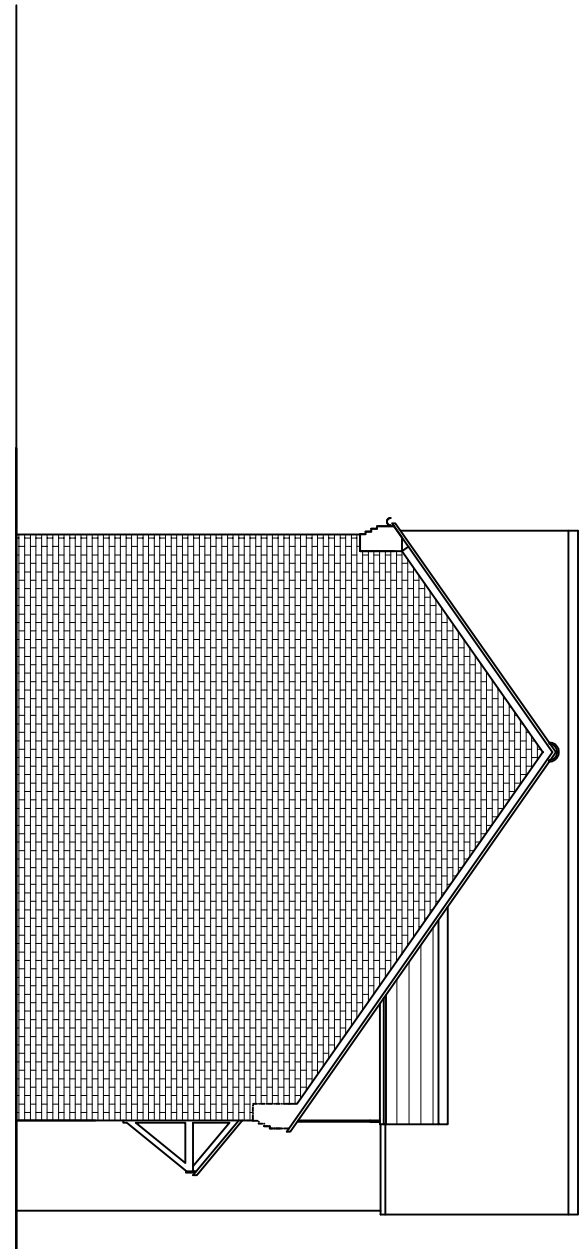
Flashed board and skim to underside of joists. Roof to have U value of 0.15.

Flashed board and skim to underside of joists. Roof to have U value of 0.15.

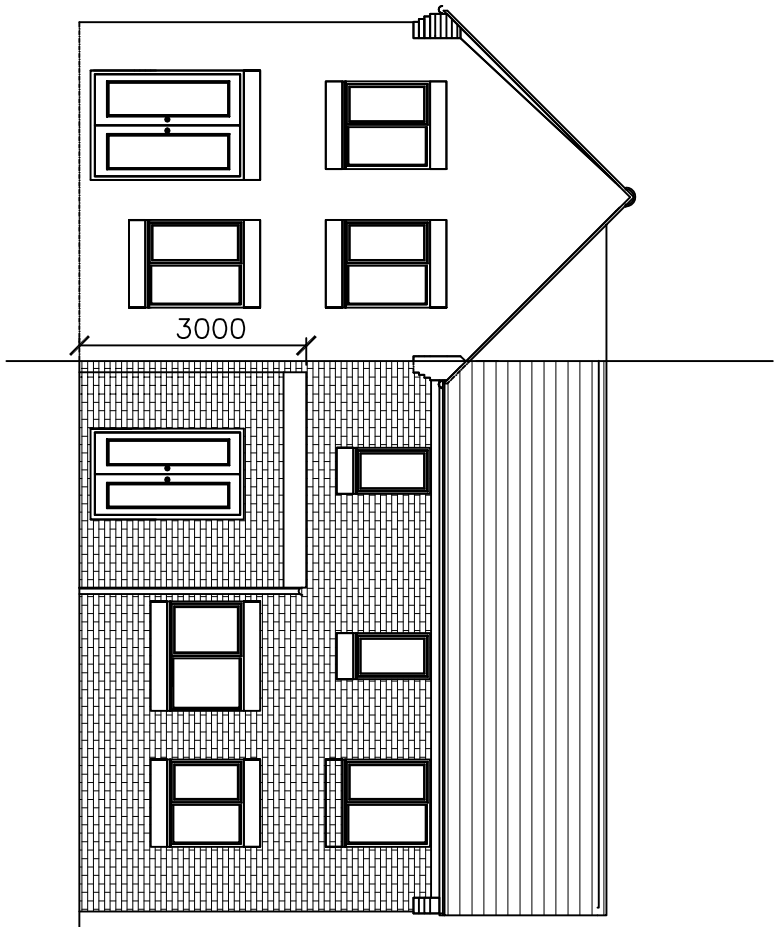
Flashed board and skim to underside of joists. Roof to have U value of 0.15.



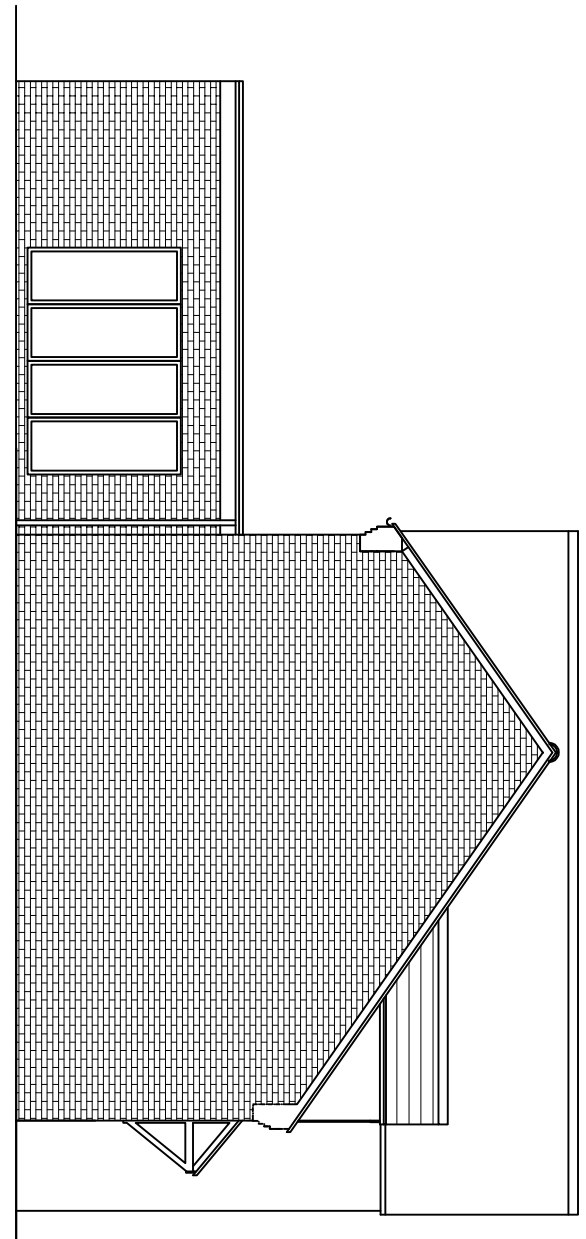
EXISTING REAR ELEVATION



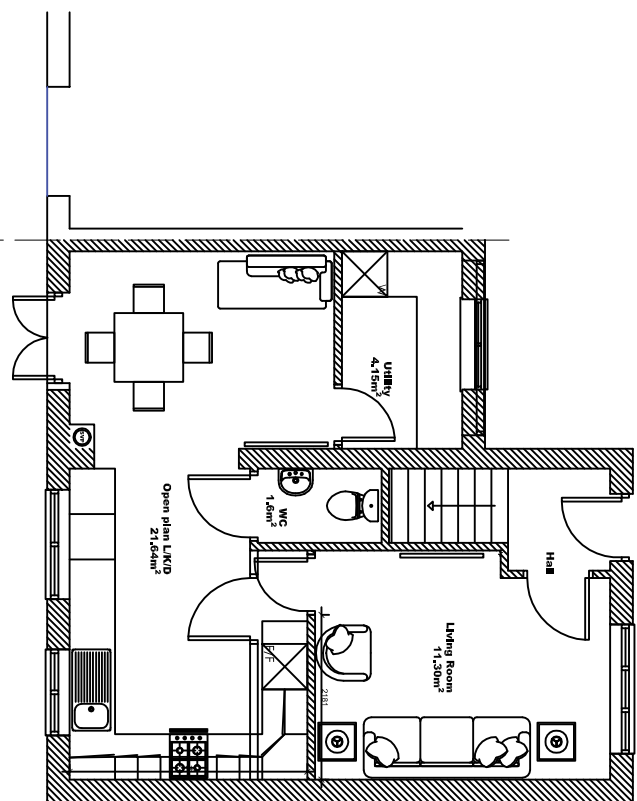
EXISTING SIDE ELEVATION



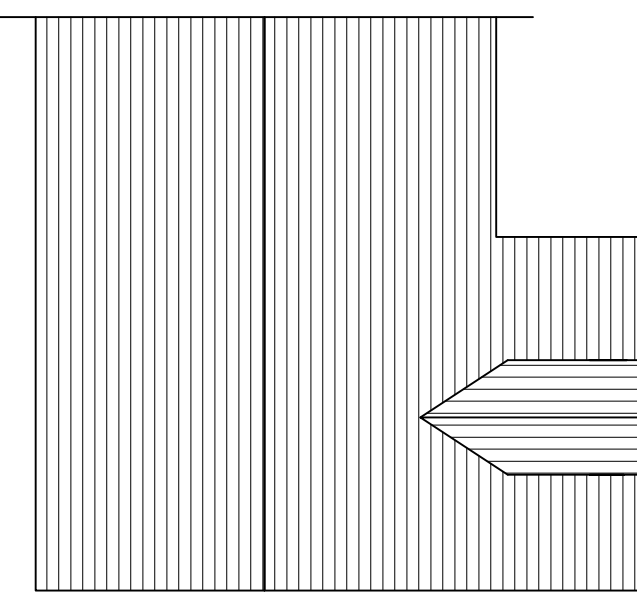
PROPOSED REAR ELEVATION



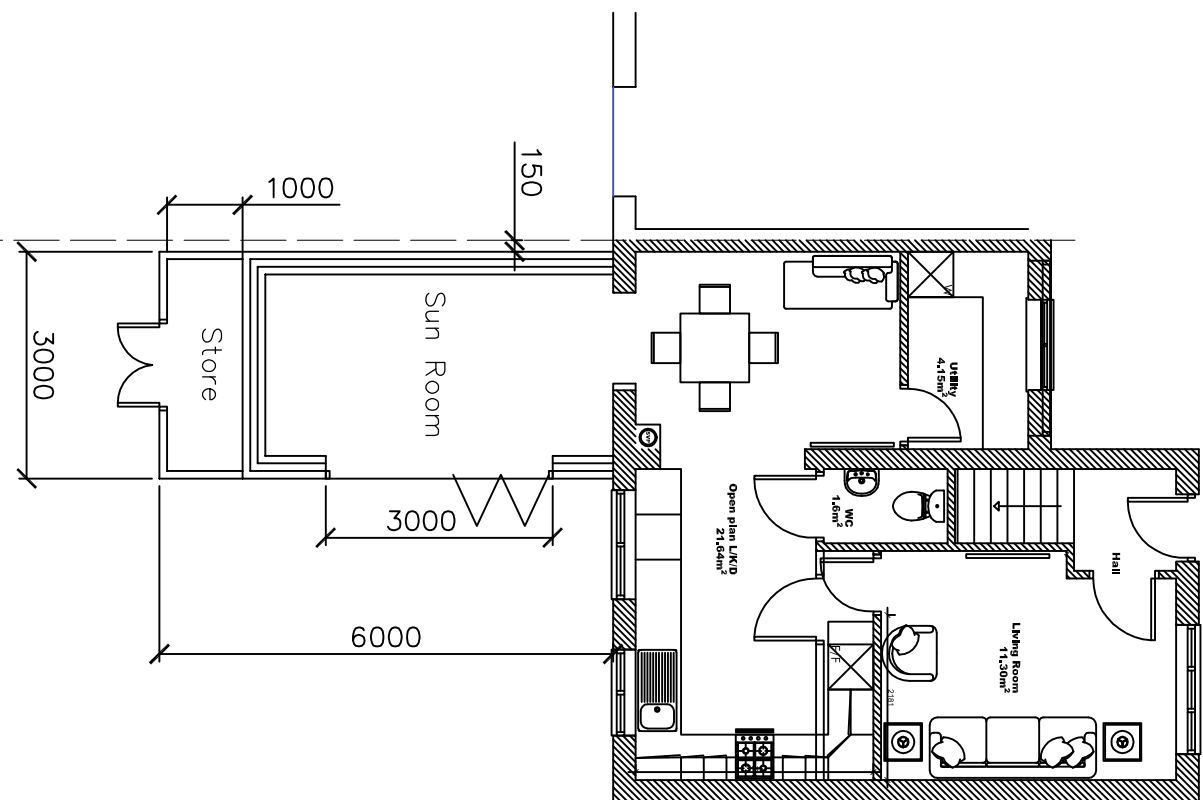
PROPOSED SIDE ELEVATION



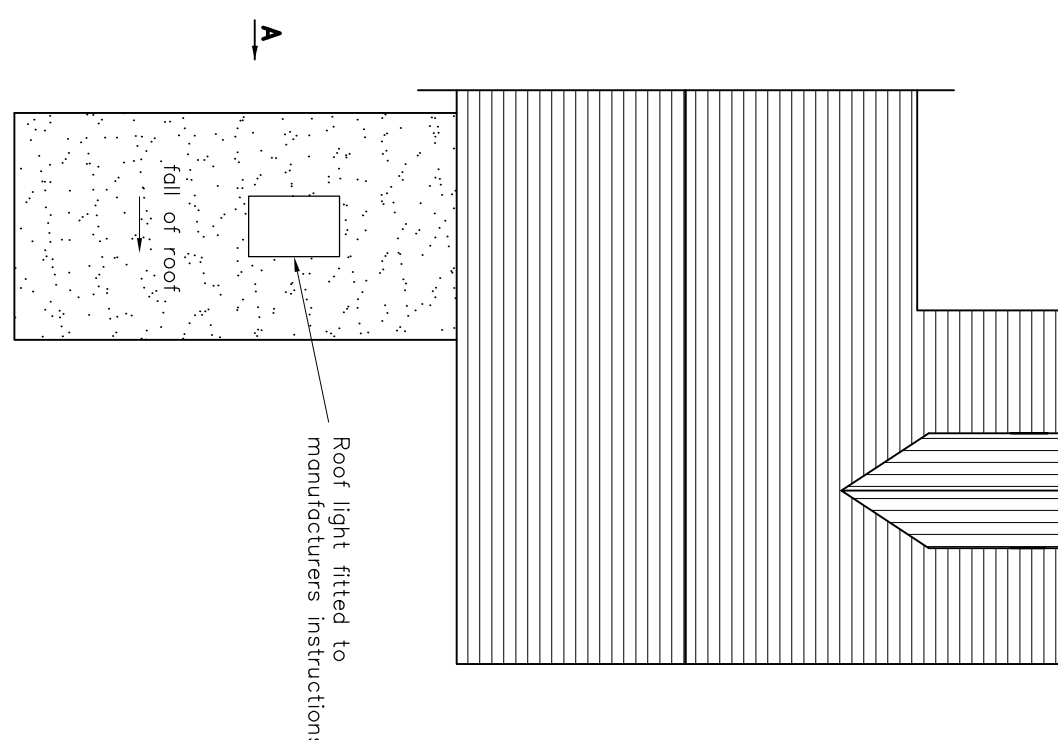
EXISTING GROUND FLOOR PLAN



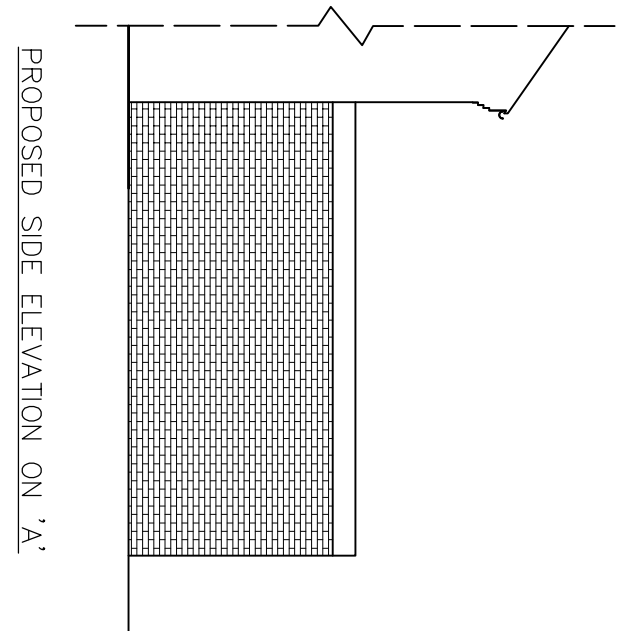
EXISTING ROOF PLAN



PROPOSED GROUND FLOOR PLAN



PROPOSED ROOF PLAN



PROPOSED SIDE ELEVATION ON 'A-A'

Ceiling - Insulation as above on 500 gauge polythene vapour barrier, 12.5mm PB and skim.

Work on boundary to have adjoining owners permission & work to comply with party wall act etc 1996.

ALL WORK UNDERTAKEN TO BE TO THE SATISFACTION OF THE BUILDING INSPECTOR - DO NOT SCALE FROM THIS DRAWING