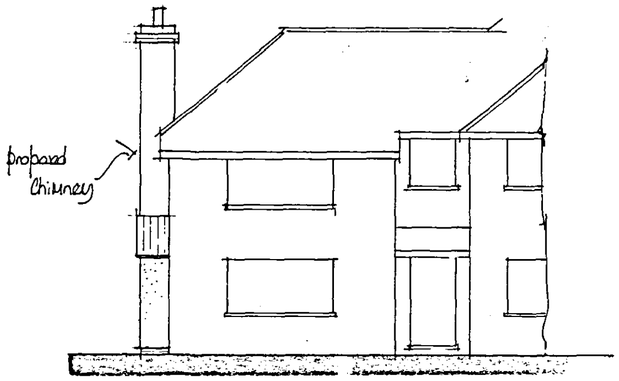
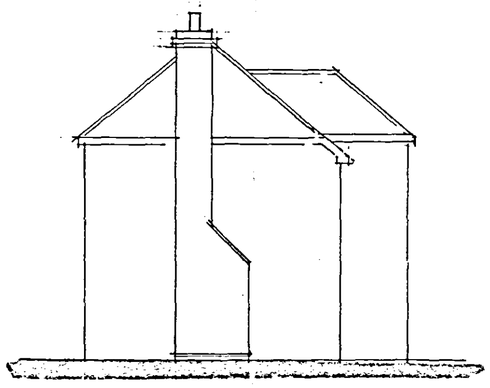
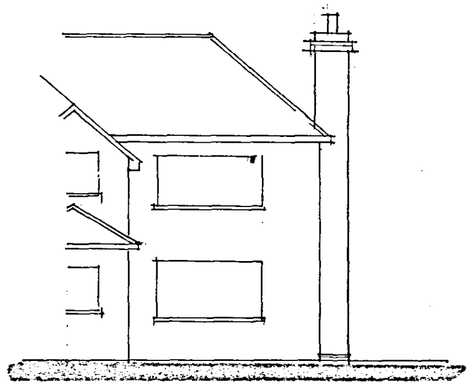


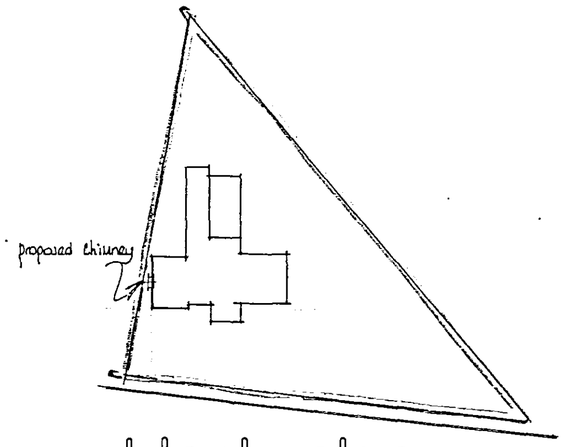
n west



n east



s east



block plan

FOUNDATIONS

Foundations to be ST4 grade concrete

For 285mm walls foundations to be 700 x 230mm

Foundations to be taken down to a firm loadbearing strata, a min. 1.0m if in shrinkable sub soil, in accordance with the requirements of the Local Authority Building Control Dept. and in accord with the NHBC guidelines for building near trees.
Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

FLOOR CONSTRUCTION

Ground
65mm sand/cement screed reinforced with chicken wire mesh
100mm ST4 grade oversite concrete
1200g polythene damp proof membrane
25mm sand blinding
100mm compacted hard-core - if in excess of 100mm fill, to a max. 600mm, the hard-core is to be laid and compacted in layers not exceeding 150mm.

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete

Above Ground
To be 285mm o/a constructed as follows :-

External render finish to be min. 12mm thickness render with proprietary waterproof additive with all necessary expanded metal plaster stops and finished to match extg
External render applied in strict accordance with manufacturers instructions. Render to terminate 150mm above ground level in a bell mouth drip. Render to conform to BS5262 : 1976
100mm hemelite blocks
85 Crown Dritherm cavity wall insulation
100mm loadbearing insulation blocks i.e. Tarmac Toplite standard/ Thermalite shield, k = 0.15
All to be tied together using stainless steel wall ties positioned at distance not exceeding 750mm horizontally, 450mm vertically and staggered. To be at every block course vertically at all returns and reveals.

Internal finish to be 12mm render with gypsum plaster skim finish to give a 'U' value of 0.3W/mK

DPC in Walls
To be a min. 150mm above finished ground level
An insulating vertical cavity closer and dpc, i.e. Thermabate, is to be provided to all cavity closures.
A dpc cavity tray, stepped as applicable, is to be constructed within the wall immediately above an abutment.

CHIMNEY CONSTRUCTION

The chimney is to be constructed incorporating clay flue liners to BS1181 : 1989. Liners to be a min. 200mm internal diameter and laid socket uppermost. A mix of 6parts Vermiculite to 1 part cement is to be used to fill the voids between the masonry brickwork of the chimney and the flue liners.

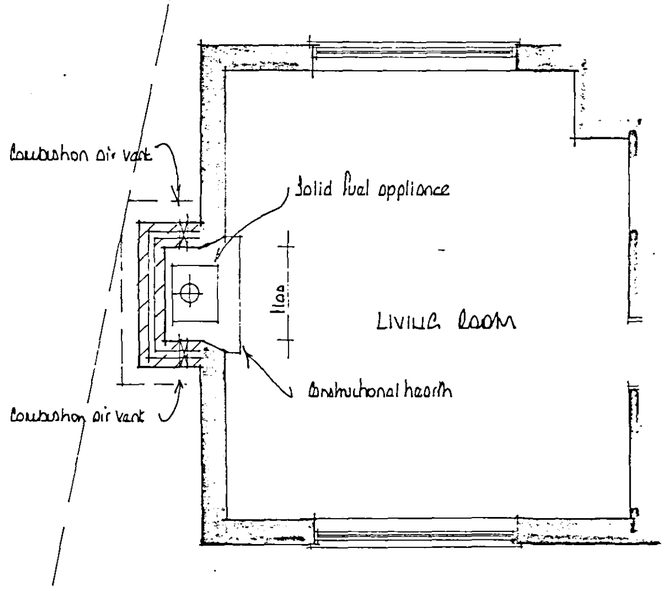
Note – *no structural timber i.e. floor joists, roof trusses etc. is to be positioned within 40mm of the masonry brickwork to the chimney.*

Where a bend is necessary in a flue it should not make an angle of more that 30° with the vertical.

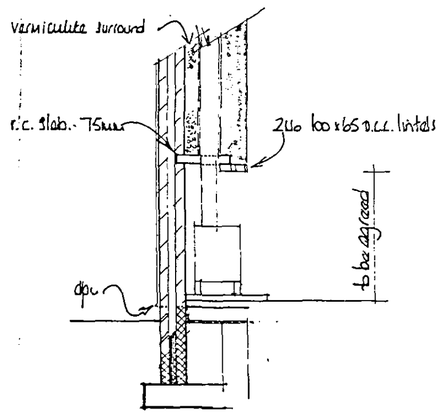
Chimney to terminate as indicated on elevation and flashed to the roof using Code 4 lead flashing, stepped as applicable, dressed up the chimney a min. 150mm. The maximum chimney height should not be greater than 4½ times its least dimension measured at the highest point of intersection with the roof.

Hearth to solid fuel appliance to be min. 125mm o/a thickness, a min.840mm square and project 225mm beyond the face of the appliance and extend 150mm past the jambs .

A permanent air entry opening, to BS8303 : 1986, of at least 550mm² per Kw of appliance output rating above 5Kw



ground floor plan



section

DETERMINED PLAN

1589/06

EAST MIDLANDS DESIGN ASSOC.

Architectural Consultants

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Client
MR & MRS P SAVAGE

Project.
PROPOSED CHIMNEY AT
18 BLOOD LANE
MOULTON
SPALDING. LINCS.

Drawing
PLAN. SECTION & ELEVATIONS

Scale
1:50 . 1:100 & 1:500

Date
Nov 06

Drawn
DL

Dwg No:
06/23/01

Rev.