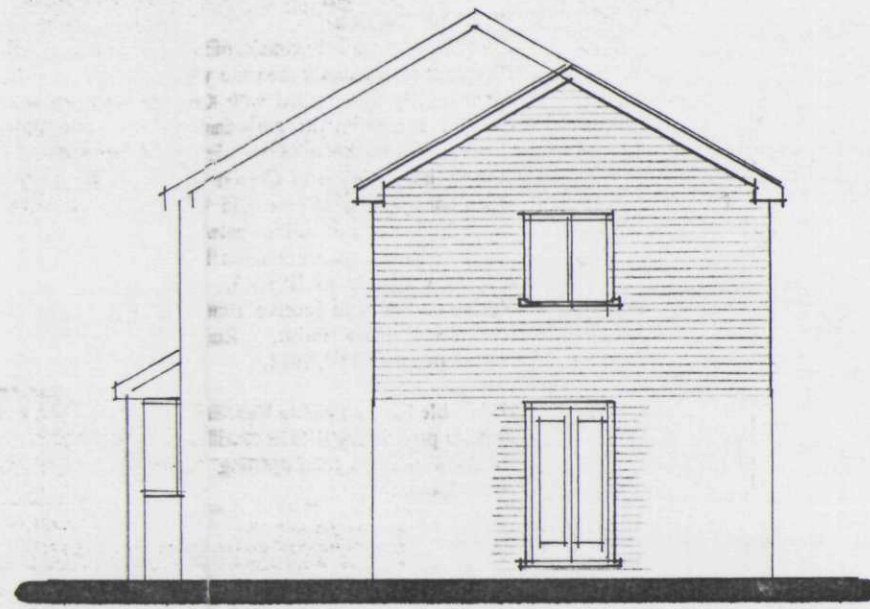




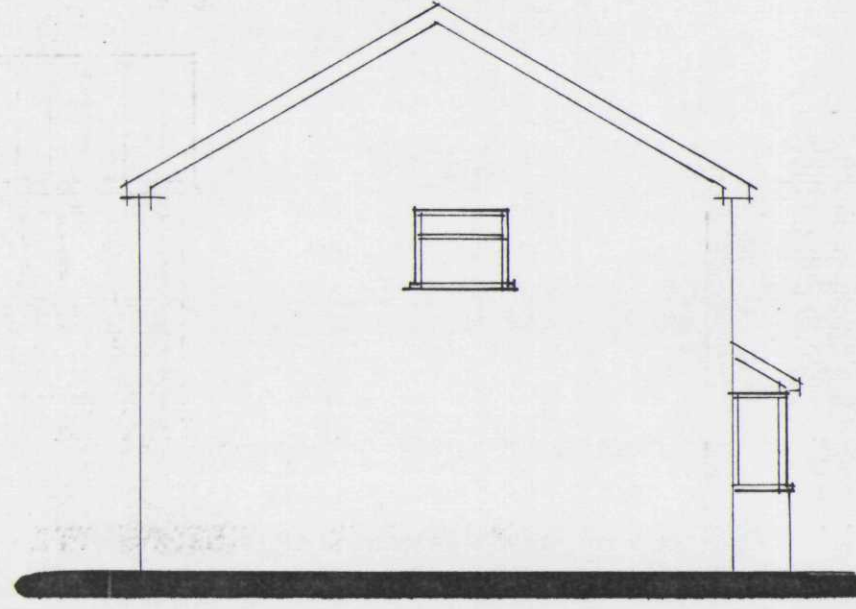
FRONT



SIDE



REAR



SIDE

Build bedroom extension directly above existing garage.

Existing garage to be converted to dining room.

Existing garage is built off 215mm brickwork. Form new internal skin of 100mm insulation blockwork with 75mm cavity (see per cavity wall note) off thickened/widened foundations as shown.

Form openings at ground and first floor levels into dining room and new bedroom as shown, support over with I/G L/S75 lintel.

Existing front garage door to be removed and replaced with purpose-made window to suit opening. Brick up below to suit sill height. Provide I/G Box 100 lintel over new internal skin.

Form new opening to dining room to suit window and French doors as shown. Support over with I/G Box 100 Lintel and Box 200 lintel.

Garage floor to be made up to match floor level of existing house. Paint floor with 2 no. coats of Synthaprite waterproofer, 60mm Celotex insulation and sand/cement screed as necessary.

Remove existing garage roof and re-use trusses and roof tiles on new extension roof if suitable.

New first floor to consist of 125mm x 50mm SC3 grade joists at 400mm centres. Floor to be level with existing house floor.

Extension to have roof pitch, fascia line, etc. all to match in with existing.

External Materials
Facing bricks and roof tiles to match existing house.

Make good to all disturbed and affected areas.

All external windows and doors to existing house to be replaced with white UPVC double-glazed windows and doors to match style of existing. As per extension window specification.

Roof/Wall Abutments
Provide Code 4 lead flashings and lap over roof covering. Dress up wall a minimum of 150mm (stepped on pitched abutments) and provide d.p.c. cavity tray to make completely watertight.

Roof Insulation

To roof spaces provide proprietary 300mm thick fibreglass insulation laid as 100mm between joists and 200mm across joists or equivalent to give 0.25 U-value. Ensure a gap of 50mm between roof underfelt and quilt at all times.

First Floor Construction

19mm flooring grade moisture resistant decking on timber joists as stated on plan. To external walls joists to be supported on joist hangers (not built into wall). Provide 30mm x 5mm mild steel restraint straps to joists running parallel with wall securely fixed to walls and to span minimum 3 no. joists at maximum 1200mm c/c. At strap positions provide pack and noggin to joists. Solid strutting to be installed mid-span where span of joists between 2.5m and 4.5m. For spans in excess of 4.5m position of struts at 1/3rd span. Double up floor joists locally under bath feet and hot water cylinder where applicable. All doubled up joists to be bolted together at 600mm centres.

Roof Construction

Concrete interlocking roof tiles (see site plan for details) on 38 x 25mm softwood treated timber battens on underfelt to BS747 (Type 1F) lapped 150mm horizontally and 100mm vertically. Prefabricated roof trusses at 600mm c/c and pitch as stated in accordance with BS268, 1985. Provide 25 x 100mm timber bracing and fix in accordance with truss manufacturers instructions. All trusses and gable ladders (if any) to be strapped to 50 x 100mm timber wallplate, the gable wall at verges and ceiling level with 30 x 5mm mild steel anchor and lateral restraint straps to span minimum 3 no. trusses at a maximum of 1200mm c/c. At strap positions provide pack and noggin to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site. Provide concrete padstones at compound truss supports where required by roof design. Water storage tanks to be installed in accordance with Technical Bulletin No. 41.T.P.A. with timber support members to span 4 no. trusses.

New/Old Walling

Where new walling meets old provide proprietary flexible wall starters.

Roof Ventilation

At eaves provide proprietary ventilation equivalent to a 10mm continuous gap along eaves.

Heating System

Provide room thermostat or thermostatic radiator valves or similar approved to control the output from the heating system.

Insulated Pipes and Ducts

All pipes, which do not contribute to the heating of the building, will be insulated to BS5422 1977.

Safety Glazing

Provide safety glass to BS6206 to all windows to a minimum height of 800mm above floor level plus doors to a minimum height of 1500mm above floor level. Side screens to be same as doors if within 300mm of doors.

Fascia and Bargeboards

To be 25 x 75mm PSE with 6 mm groove to accept 6mm thick exterior grade plywood soffit.

Ceilings

To all insulated roof ceilings provide 12.5mm Gyproc Duplex plasterboard or similar and either 5mm skim or Artex finish. To remaining ceilings provide 12.5mm Gyproc plasterboard or similar with finishes as above.

Loft hatch to be draught sealed and latched shut.

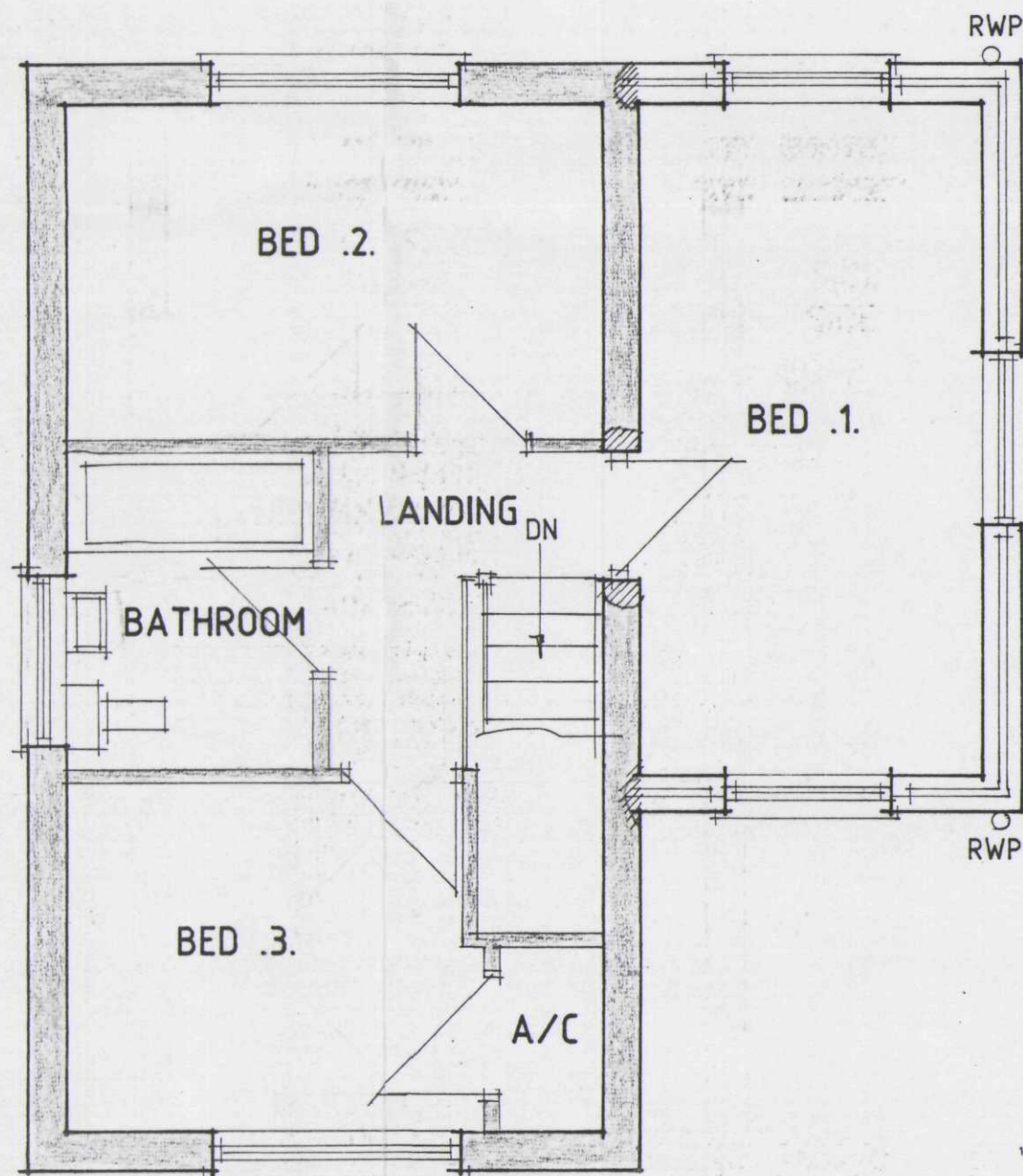
Insulation in roof space to meet with insulation in external cavity walls to prevent cold bridging.

To all domestic floors to external perimeter walls provide 25mm thick insulation dressed up walls to prevent cold bridging.

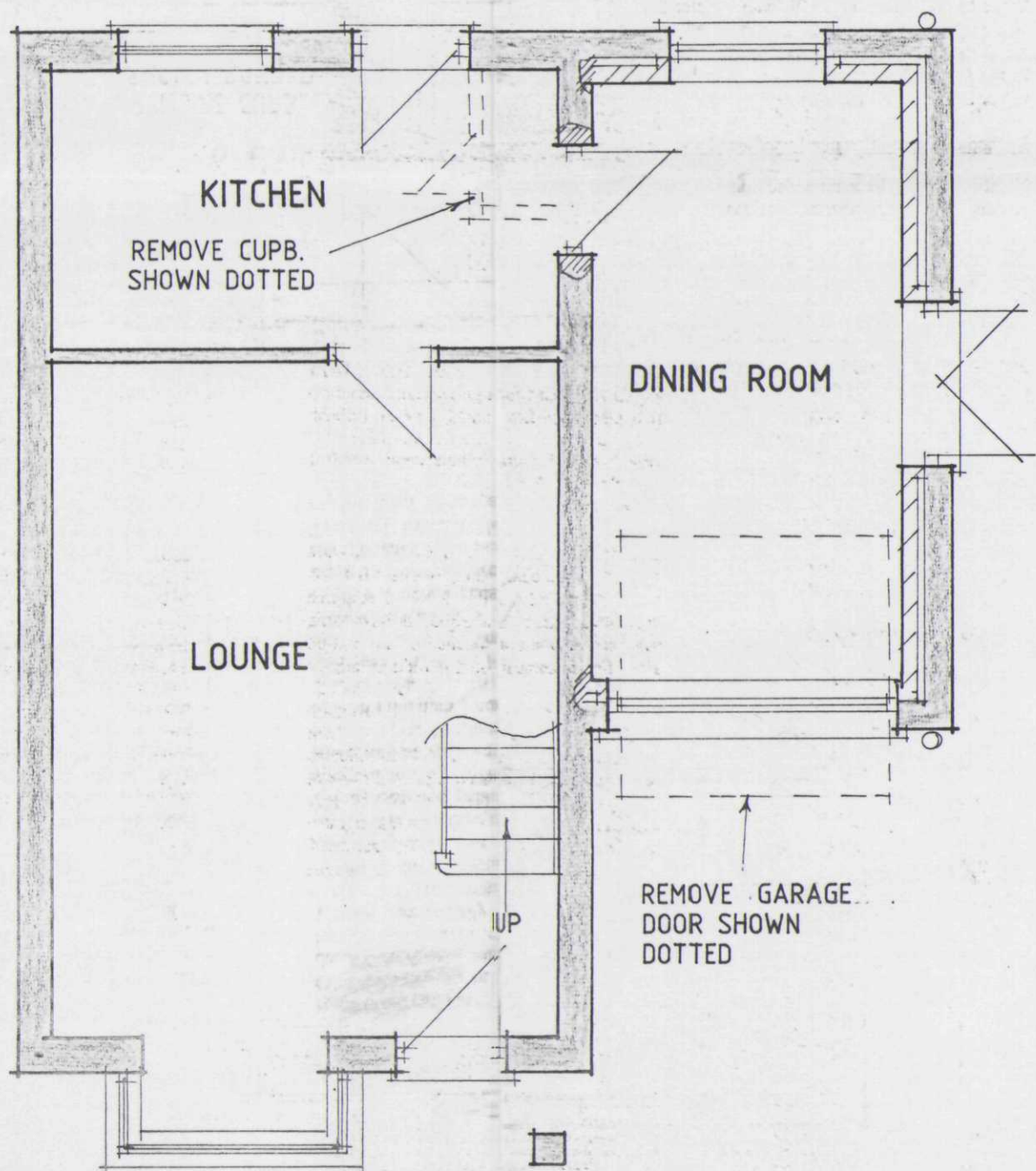
Seal all openings and joints to perimeter walls.

All doors, windows and any loft hatches to be effectively sealed and draught proofed.

First floor habitable rooms shall have means of escape windows with openings of at least 450mm wide x 400mm high and a minimum area of 0.33m².



FIRST FLOOR PLAN



GROUND FLOOR PLAN

General Notes

Do not scale from this drawing.

This drawing is copyright and may not be altered, traced, copied, photographed or used for any purpose other than that for which it is issued without written permission from Messrs Status Design.

The General Contractor is to check all dimensions on site and report discrepancies to the Architect.

All details shown on this drawing are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions unless reported to the Architects so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

Please note this drawing is not a conveyance drawing.

Proposed on-site soakaways to be maintained by the owner for the life duration of the property.

This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning and Building Regulations approvals. This drawing must not be used as a contract document alone. The works will not be supervised or inspected by Status Design unless specifically contracted to do so. It is the client or their agent's responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract, etc.

All materials to be new unless stated otherwise and all components and materials, etc. to be used, fitted and installed, etc. in strict accordance with manufacturers' instructions and relevant Code of Practice. Materials should conform to appropriate British Standard specification or BBA Certificate or European C-Code equivalent.

The Employer/Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health and Safety Legislation for Building Sites and Work Plans. The Employer/Client is advised that should the works need to comply with the Construction Design and Management Regulations 1994 (CDM) and Health and Safety at Work, etc. Act 1974 (HSW Act) an independent Planning Supervisor will be required, whom should be supplied with a set of all relevant drawings, etc.

The works shall comprise of all that shown on the drawings and information, etc. Works that may not specifically be shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

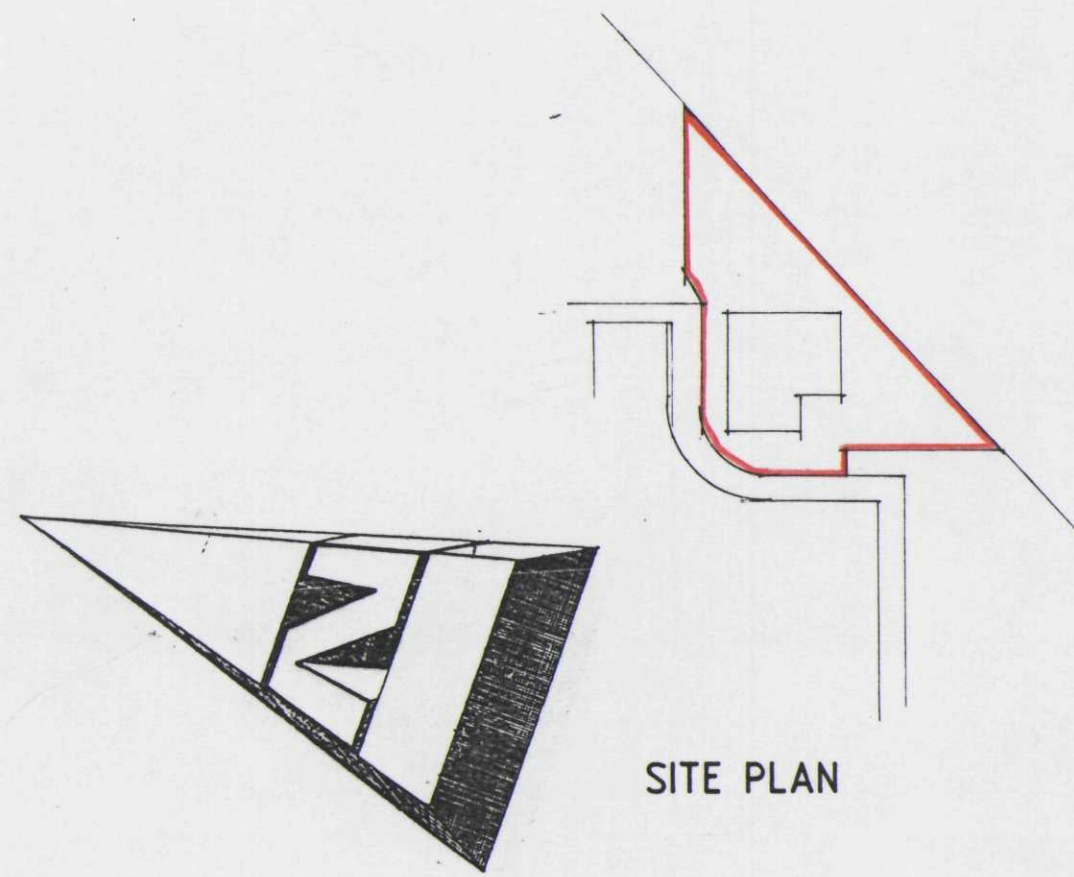
These notes relate to this drawing and all associated drawings.

Smoke Detection
Provide mains operated self-contained smoke alarms to BS5446 Part 1 in accordance with Approved Document B1.

Rainwater Goods
PVC rainwater goods 110mm half round gutters and 68mm diameter downpipes.

Wall Construction
275mm cavity walls to consist of: 100mm face brickwork (see site plan for details), 75mm cavity to be filled with Crown Drithern full fill insulation in accordance with BBA Certificate No. 86/1678 or similar approved, 100mm internal skin of Celcon standard blocks or similar approved to give 0.35 U-value. Cavity walls tied together using galvanised iron or plastic twist ties spaced 900mm horizontally and 450mm vertically to BS1243, 1978. Internal blockwork walls to receive 10mm sand/cement render and skim finish. Robust details in accordance with T50, 2001.

Habitable Room Trickle Ventilation
Provide proprietary trickle ventilators to head of windows giving a total opening area of not less than 8000mm².



SITE PLAN

Lintels

All coded lintels as stated in Schedule or marked on plan to be by I.G. To be installed in strict accordance with manufacturers instructions. Form d.p.c. cavity tray above all lintels. To all exposed lintels i.e. not sheltered from overhanging eaves, etc. to have proprietary weepholes to joints of brickwork at approximately 450mm c/c. To be confirmed on site with Building Control Surveyor.

Opening at eaves level to be L/I/E lintels by I.G. or similar approved.

Sub-structure Walling

100 mm Class A dense concrete blocks. Bitumen felt d.p.c. to external walls 150mm above ground level. Weak mix infill to base of cavities to terminate 225mm below lowest d.p.c. level.

I.G. Type L/I/S75 lintels to cavity walls and I.G. type internal lintels to 100mm internal walls unless stated otherwise. To be confirmed on site with Building Control Surveyor.

All windows to give minimum 1/20th of floor area as ventilation and to be double-glazed.

Glazing

All windows and doors to be double-glazed with minimum 16mm spacing and to use Pilkington 'K' glass or similar approved, efficiency of 0.05.

Internal Lighting

Provide energy efficient lights that only take lamps having a luminous efficiency greater than 40 lumens per circuit watt. Examples of lamps are fluorescent tubes and compact fluorescent lamps (note GLS tungsten lamps with bayonet cap or Edison screw bases).

Method of determining number of locations:

Number of Rooms	Recommended min number of locations
1-3	1
4-6	2
7-9	3
10-12	4

Note - Hall stairs and landing count as one room (but may contain more than one fitting).

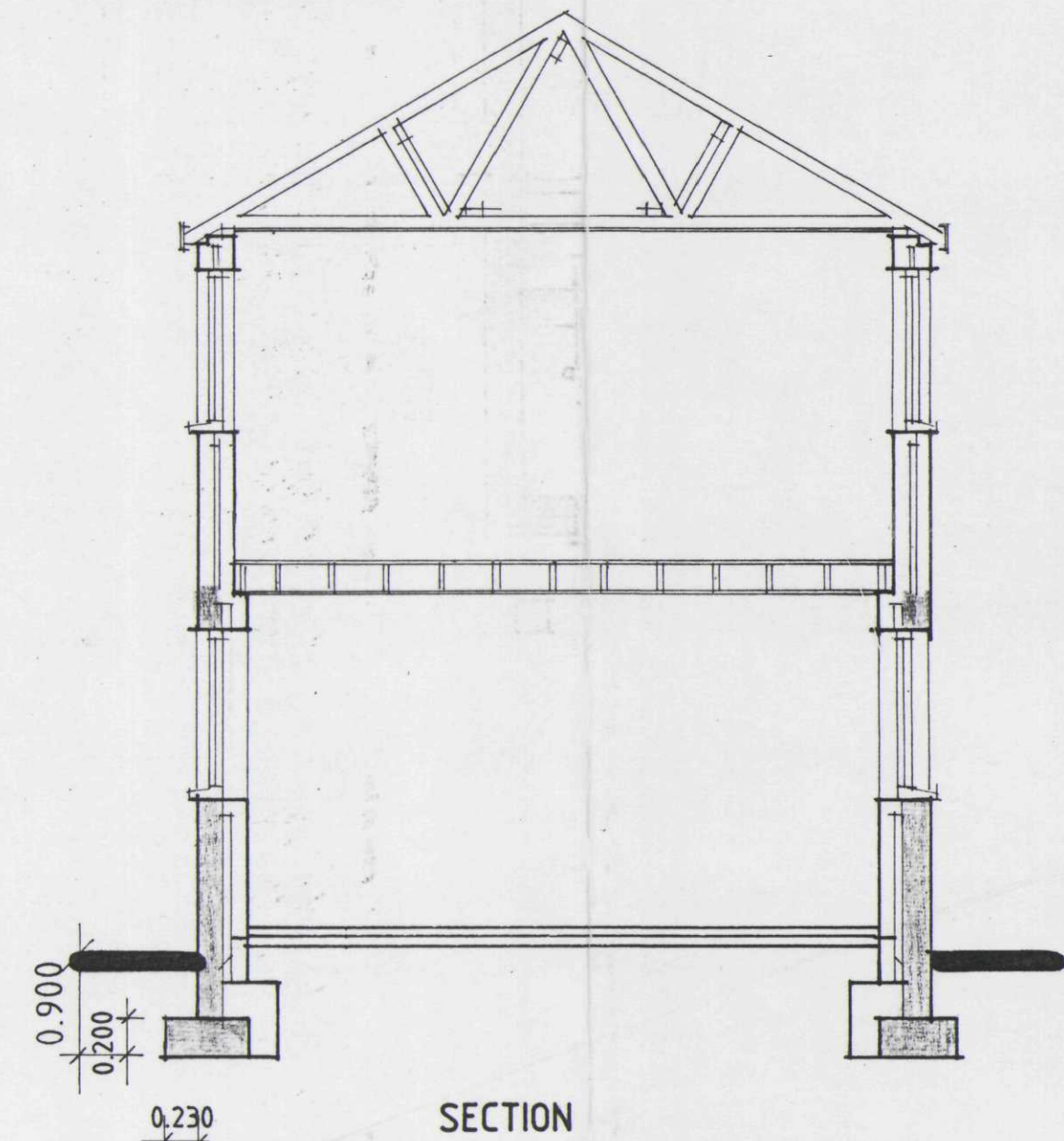
Excludes garages, lofts and outhouses.

All external lintels to be insulated type.

All external joinery to be fully draught proofed.



LOCATION PLAN



SECTION

DETERMINED PLAN

Status
DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED EXTENSION & ALTERATIONS TO
17 LANCELOT WAY, SPALDING
FOR

MR. D. COOK.
&
MISS. K. STANHOPE.

1:50 1:100 SD03-046/1
1:500 1:1250
MAY-03 B.GILHAM.

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Spalding, Lincs. PE12 7AP
Tel: 01406 424363 Fax: 01406 490702