**External Lighting Fixed to the Building**
External lights include lights in porches but not lights in garages and carports.

External lights should be made to enable effective control and/or the use of efficient lamps as follows:

a) Automatically extinguish when there is enough daylight and when not required at night.

b) Have sockets that can only be used with lamps having an efficiency greater than 40 lumens per circuit watt.

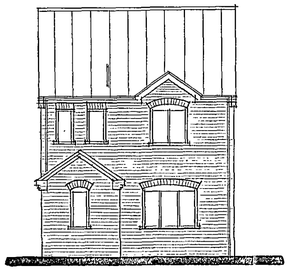
**Sound Insulation to single Dwelling**
The intermediate floor should be provided with 100mm thickness mineral wool between the joists. In addition internal stud walls should be suitably sound resisting to walls around bedrooms, WC and en-suites (unless the wall contains a door).

**Electrical Work**
All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion of the works the council must be satisfied that either:-
a) an electrical installation certificate issued under a competent person's scheme has been issued
or
b) an appropriate electrical installation certificate has been issued for the work, and that it has been signed by a person competent to do so.

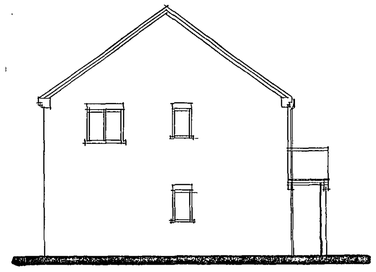
**Wall Constructions (300mm Cavity)**
300mm cavity walls to consist of: -
100mm facing brickwork (see site plan for details)
100mm cavity - to be filled with Crown Dritherm 32
100mm internal skin of Tarmac Durox Supabloc or similar approved.
Cavity wall ties to be stainless steel type spaced 900mm horizontally and 450mm vertically to BS1243:1978. Internal blockwork walls to receive 10mm sand/cement render and skim finish. Robust details in accordance with T30, 2001.

**External Cavity Wall Lintels for 300mm Cavity Walls**
IG type L1/S100 unless stated otherwise. To be confirmed on site with Building Control Surveyor.

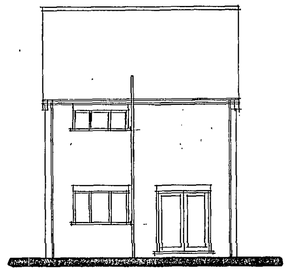
**Internal Lintels**
IG type Internal 100mm lintels to openings in 100mm internal walls unless stated otherwise.



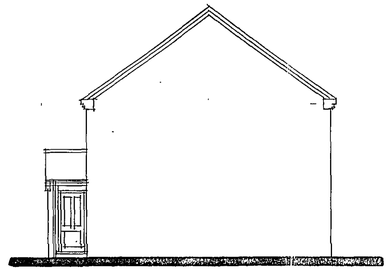
FRONT



SIDE



REAR



SIDE

Brickwork below d.p.c. to be F.L. quality

Outlets from balanced flue boilers to be at least 300mm from any openings.

All soakaways to be minimum 1m deep.

All external lintels to be insulated type.

All external joinery to be fully draught proofed.

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.

Hot water cylinder to be minimum 115lt capacity.

Seal all openings and joints to perimeter walls.

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

Provide a fibrous separating member between floor screed and insulation and provide chicken wire between insulation and screed.

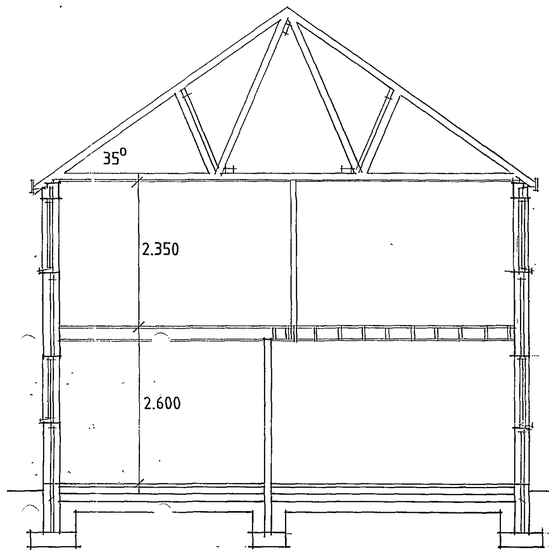
First floor habitable rooms shall have means of escape windows with openings of at least 450mm wide x 450mm high and a minimum area of 0.33m². Escape windows to be within 1.1m of floor.

First floor joists to be 50mm x 200mm SC3 grade at 400mm centres.

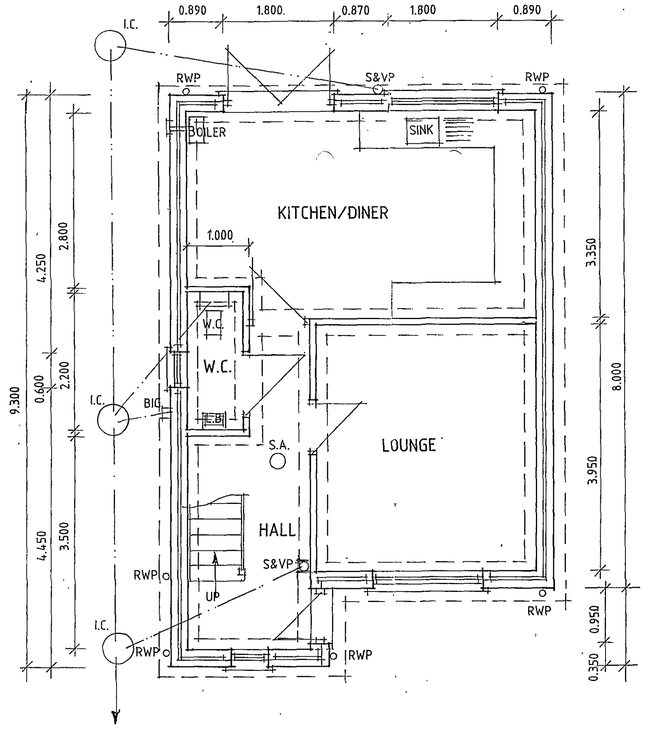
To opening between porch and main house support over with IG L1/S100 lintel.

Provide background ventilation to house of 45,000mm².

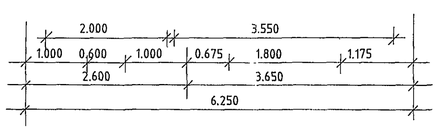
To WC provide extract fan with a minimum intermittent extraction of 6 L/sec.

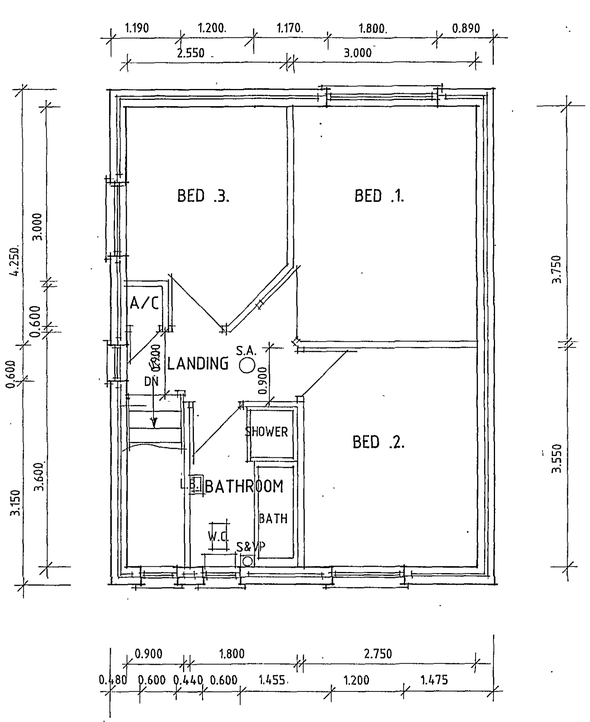



SECTION

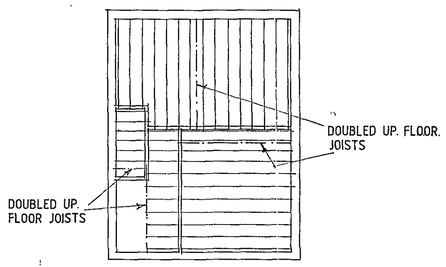



GROUND FLOOR PLAN




FIRST FLOOR PLAN




FLOOR JOIST PLAN.

C - DESIGN ALTS. - 16.8.07.
B - B.R. ALTS - 23.7.07
A - IMF ADDED - 11.6.07

Status DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED HOUSE BETWEEN 90 & 92 HOLBEACH ROAD, SPALDING FOR

MR. T.S. KHELA.

1:50 1:100 SD05-082/2

MAY-07 B.GILHAM.

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