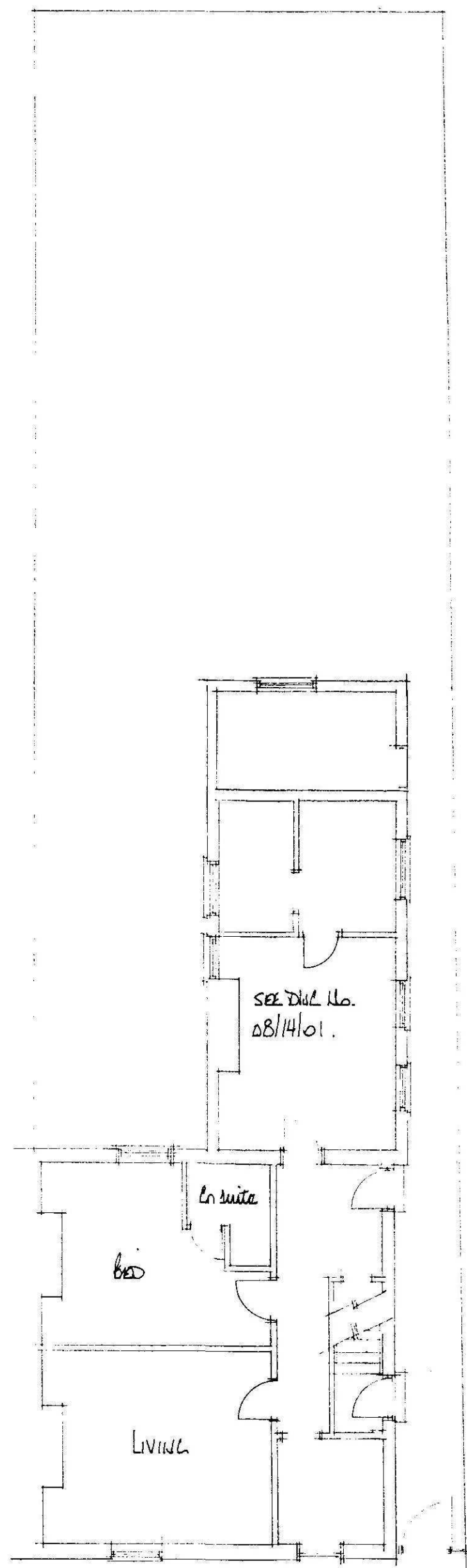
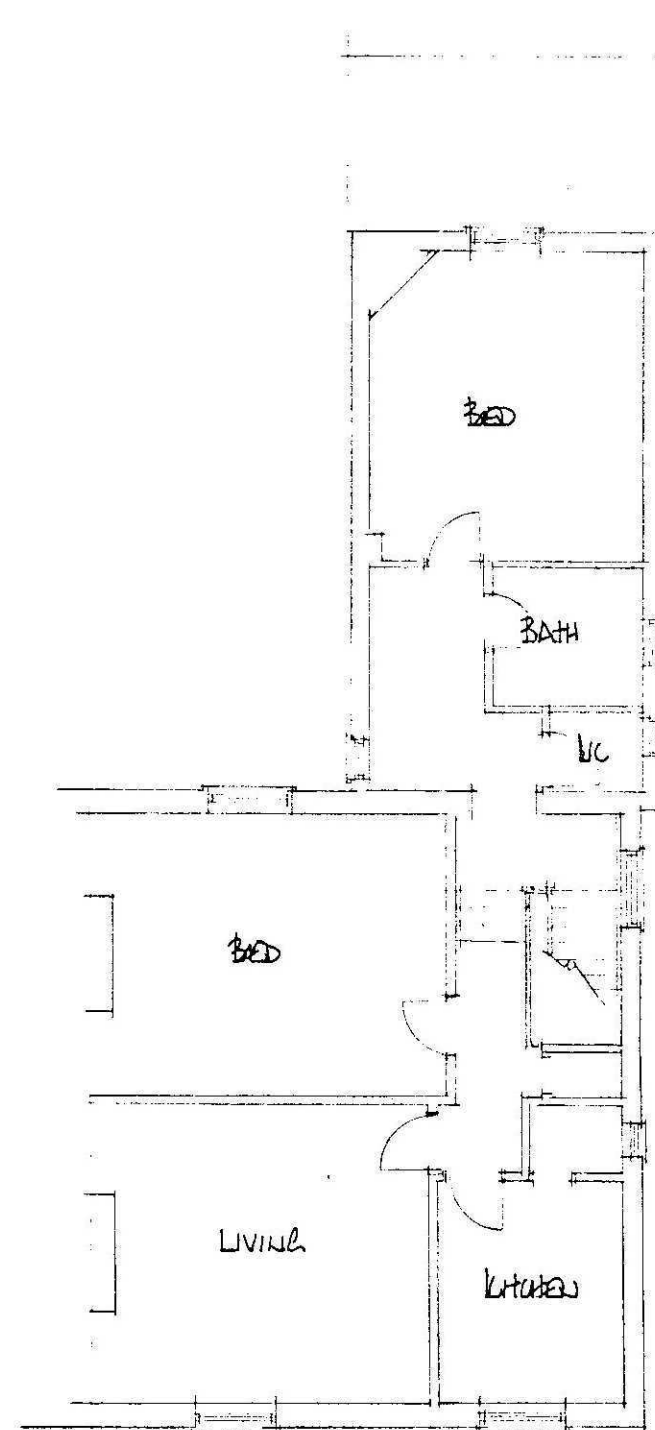




Roofplan

ground floor



first floor

EAST MIDLANDS DESIGN ARCHITECTS

Architectural Consultants

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Client

MR H. REILL

Project

33 THE CRESCENT
SPALDING.
PE11 1AF.

Drawing

Plans & Sections

**DETERMINED
PLAN**

SHDC
Planning & Development
24 FEB 2009
Ref: 0128/09

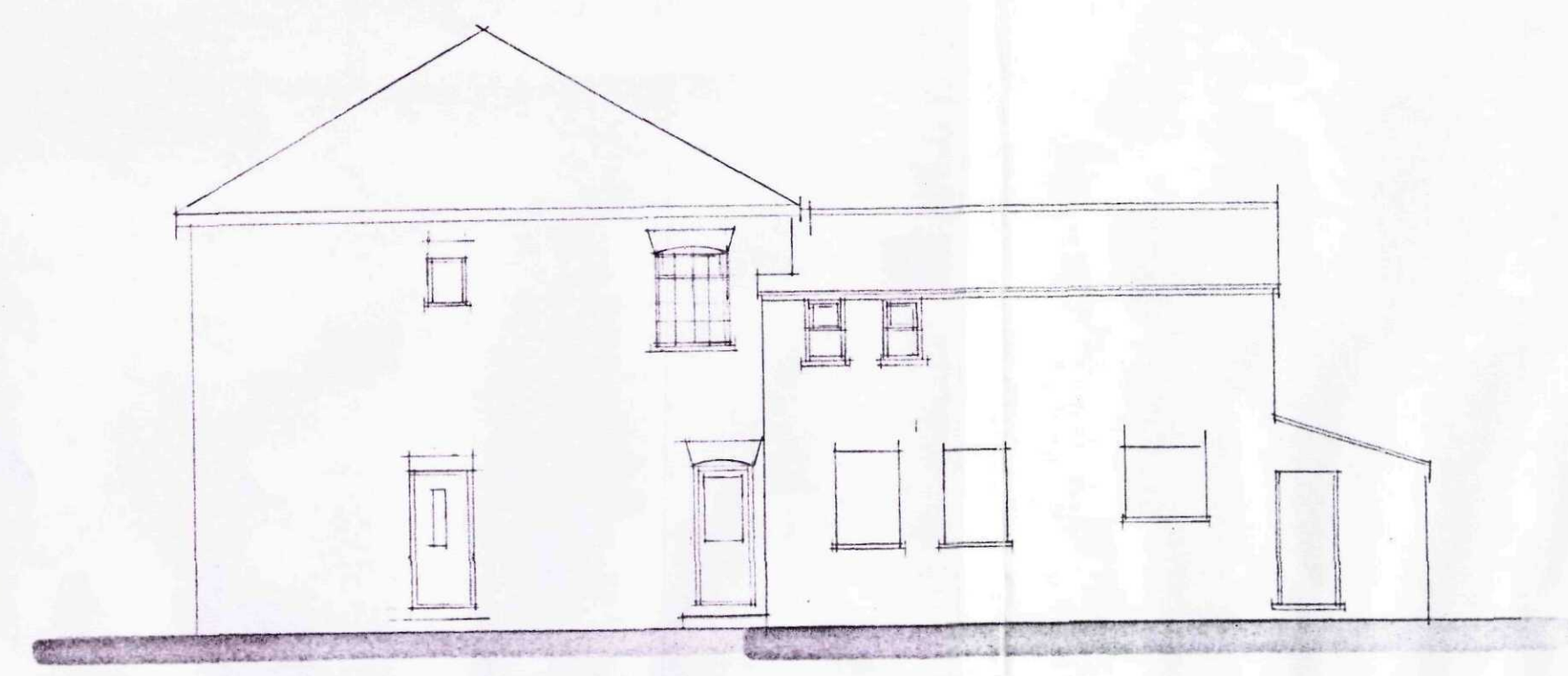
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Date Feb 08

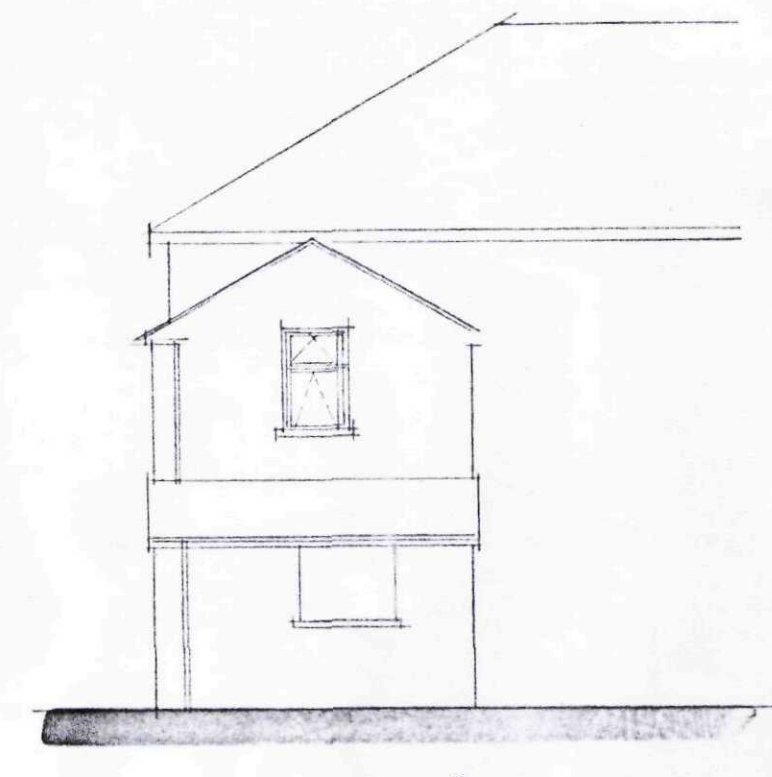
Drawn A

Dwg. No.

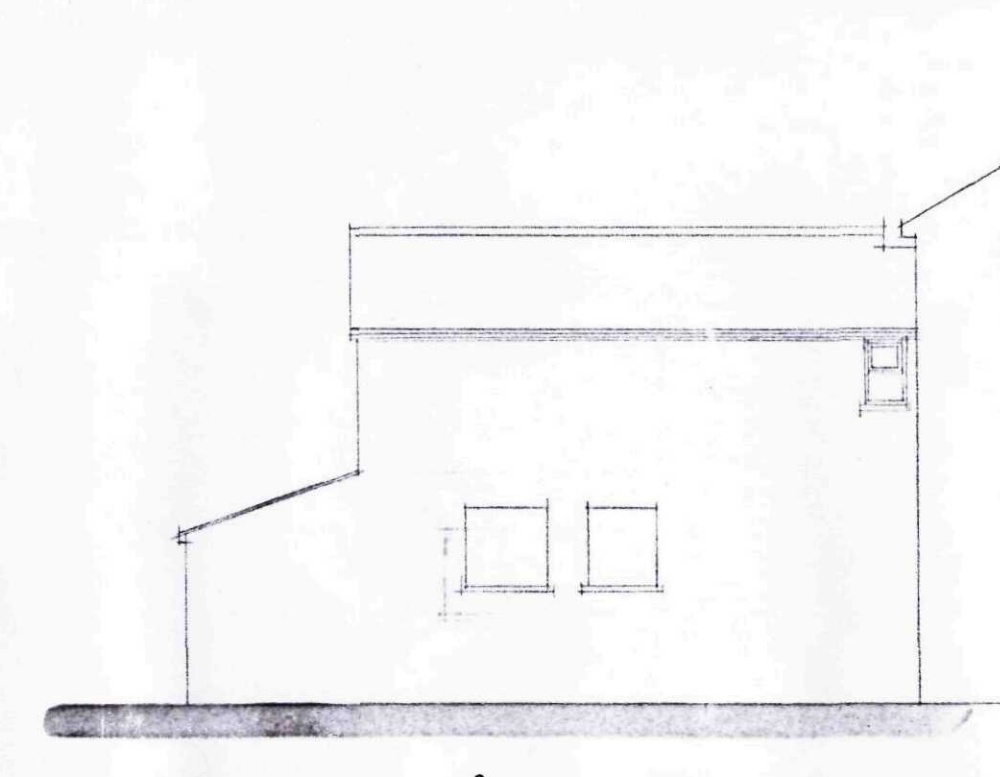
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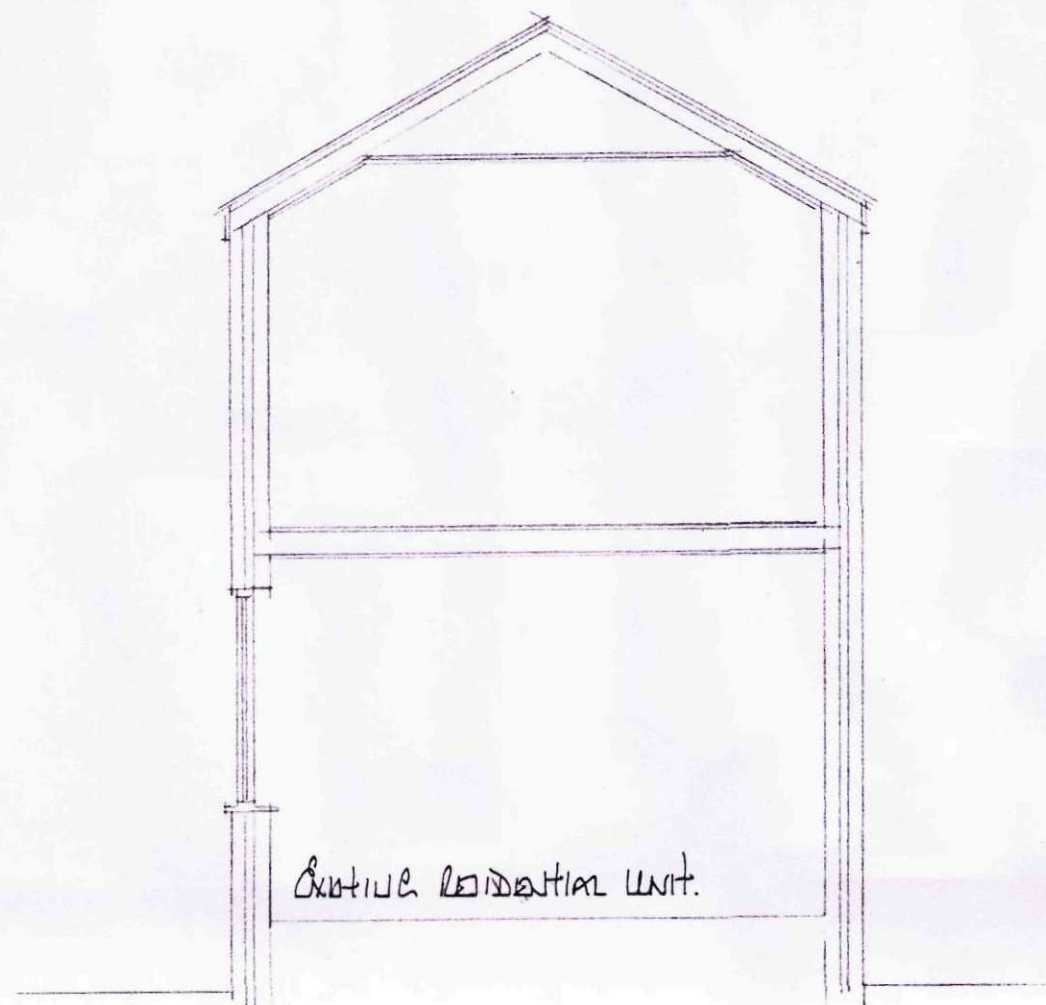
n west



s west



s east



section

FIRST FLOOR CONSTRUCTION

Sound Reduction System's Acoustical, proprietary acoustic flooring underlay is to be laid over the existing floor finish prior to laying of floor finishes. 100mm min glass fibre insulation is to be laid between the floor joists (from beneath)

WALL CONSTRUCTION

External walls
The external walls are constructed of two skins of common brick in cavity construction. It is proposed to provide proprietary injected cavity wall insulation. In addition it is proposed to line the wall internally with insulation backed plasterboard with skim finish.

Stud Partitions
to be constructed as follows :-

75 x 50mm head and sole plate
75 x 50mm studs at 400mm cts with min. 2 rows
75 x 50mm noggins equally spaced
75mm glassfibre insulation within framework
face both sides with 12.7mm plasterboard, tape joint and skim finish

Party Walls
Where a party wall is formed by the alterations, i.e. the existing bedroom/landing wall, it is to be constructed as follows:
Extg wall
Min. 10mm gap between wall and framework
100 x 50mm stud framework (as above)
35mm mineral wool, min density 10kg/m³, in the cavity between the panel and extg wall
2 layers 15mm plasterboard with skim finish

Ensure that the framework and independent panel are NOT in contact with the wall
Seal the perimeter of the independent panel with tape or sealant.

LINTELS

Lintels to be Catnic, or similar and equivalent, to have a min. 150mm end bearing and be installed in strict accordance with manufacturers instructions with a dpc cavity tray over where applicable.

Lintels over internal openings to be Catnic CN102 lintels unless specified otherwise.

WINDOWS & DOORS

Windows and doors to be purpose made UPVC, or similar and approved, double glazed using glass having a soft low E coating with an emissivity value of 0.05 with min. 16mm air gap to sealed units and weather stripped.

'U' value of double glazing to be 1.8W/m²K
Double glazing manufacturers certificate to be provided to prove compliance of the glazing to that specified.

At least one window to each first floor habitable room is to contain at least one opening that has min. dimensions of 450mm and a min. area of 0.33m², and the bottom of that opening is to be no higher than 1100mm above finished floor level. Key operated locking devices are not permitted to first floor windows.

Glazing to windows less than 800mm and doors (include sidelights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206 : 1981.

VENTILATION

All habitable rooms are to have windows containing hinged or pivoted opening vents (which open greater than 30°) or sashes, the combined total of which is equal to not less than 1/20th of the floor area of the room.

If the vents open at an angle of less than 30° then the combined total is to be not less than 1/10th of the floor area.

The kitchen is to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 60 litres/sec or 30 litres/sec if in a cooker hood.

All bath and shower rooms are to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 15 litres/sec.

BACKGROUND VENTILATION

Background ventilation is to be provided either by trickle vents set within the construction of the windows or by airbricks through the walls with a controllable hit/miss vent on the inside. The area of the trickle vents to habitable rooms is to be a minimum of 5000mm² and to wet rooms i.e. kitchen, utility, bath, shower rooms etc is to be a minimum of 2500mm².

HOT WATER/CENTRAL HEATING

Hot water is to be provided to the wash hand basin and kitchen sink by a proprietary electric hot water heater with min 10l storage capacity

A 8.5W min electric shower unit is to be provided

Space heating is to be provided by thermostatically controlled space heaters.

SMOKE DETECTION

Self contained smoke alarms complying with BS5839 : pt 6 : are to be installed where indicated SD (smoke detector), HD (heat detector) on the drawing.

The alarms are to be permanently wired to a separately fixed circuit at the distribution board operating at a low voltage via a mains transformer.

Where more than one smoke alarm is required the units are to be interconnected so that the detection of smoke by one unit operates the alarm signal in all units.

The wiring installation is to comply with the I.E.E. Regulations.

ELECTRICAL INSTALLATION

The electrical installation is to be carried out by an electrician registered with NICEIC, ECA or NAPIT. The electrician is to issue a design, installation and test certificate under BS7671 upon completion of the works.

All switches, sockets, tv points and telephone jackpoints are to be located at a height between 450 and 1200mm above finished floor level.

25% of all light fittings are to be comprised of fluorescent tubes or compact fluorescent lamps or other light fitting which will only accept lamps having a luminous efficacy greater than 40 lumens per circuit-watt.

External light fittings i.e. porch etc. are to be controlled by the fitting of passive infra red's with bulkhead fittings having sockets that can only be used with lamps having an efficacy greater than 40 lumens per circuit-watt.

DRAINAGE

Foul

Install where indicated a 100mm diam. soil and vent pipe joined to 100mm diam. upturned bend at base. Finish at top, a min. 900mm above window head height, with a durable cage.

Install 40mm diam. pvc waste to sinks and showers, (NOTE : shower trays to be constructed on a suitable plinth to maintain access to trap and waste), 32mm diam. pvc waste to hand basins all with 75mm deep traps.

All waste pipes to have rodding access at each change of direction and be readily accessible throughout their length.

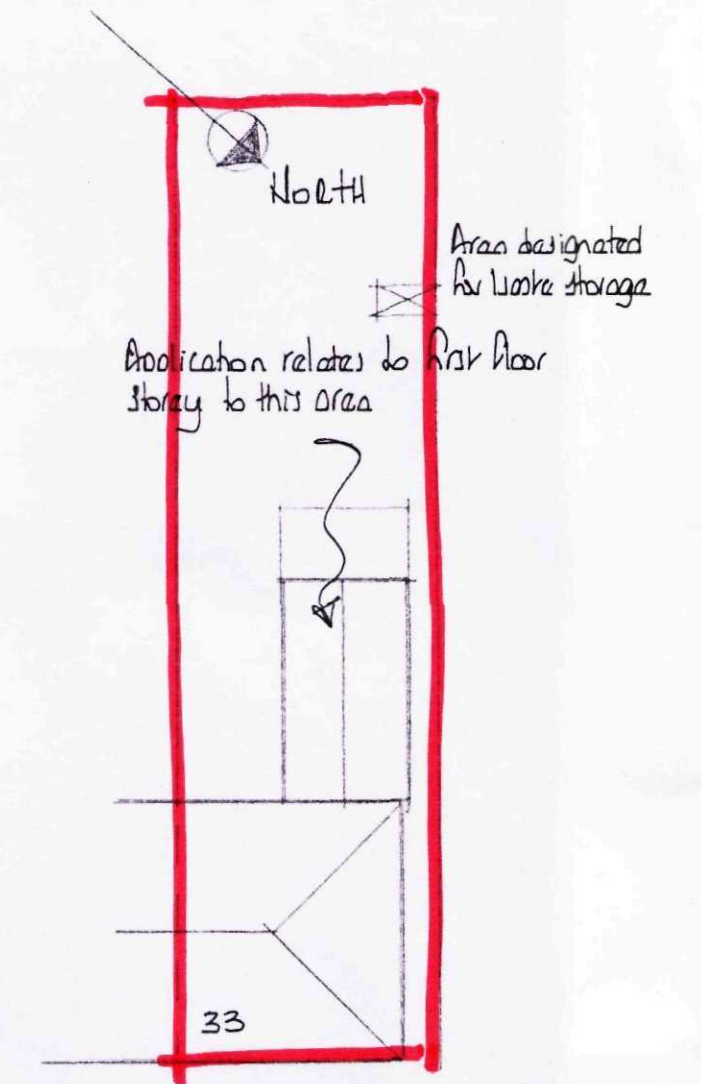
Above ground drainage to comply with BS5272 : 1978
Below ground drainage to comply with BS8301 : 1985

All drainage items are to be installed in strict accordance with the manufacturers instructions.

ROOF INSULATION

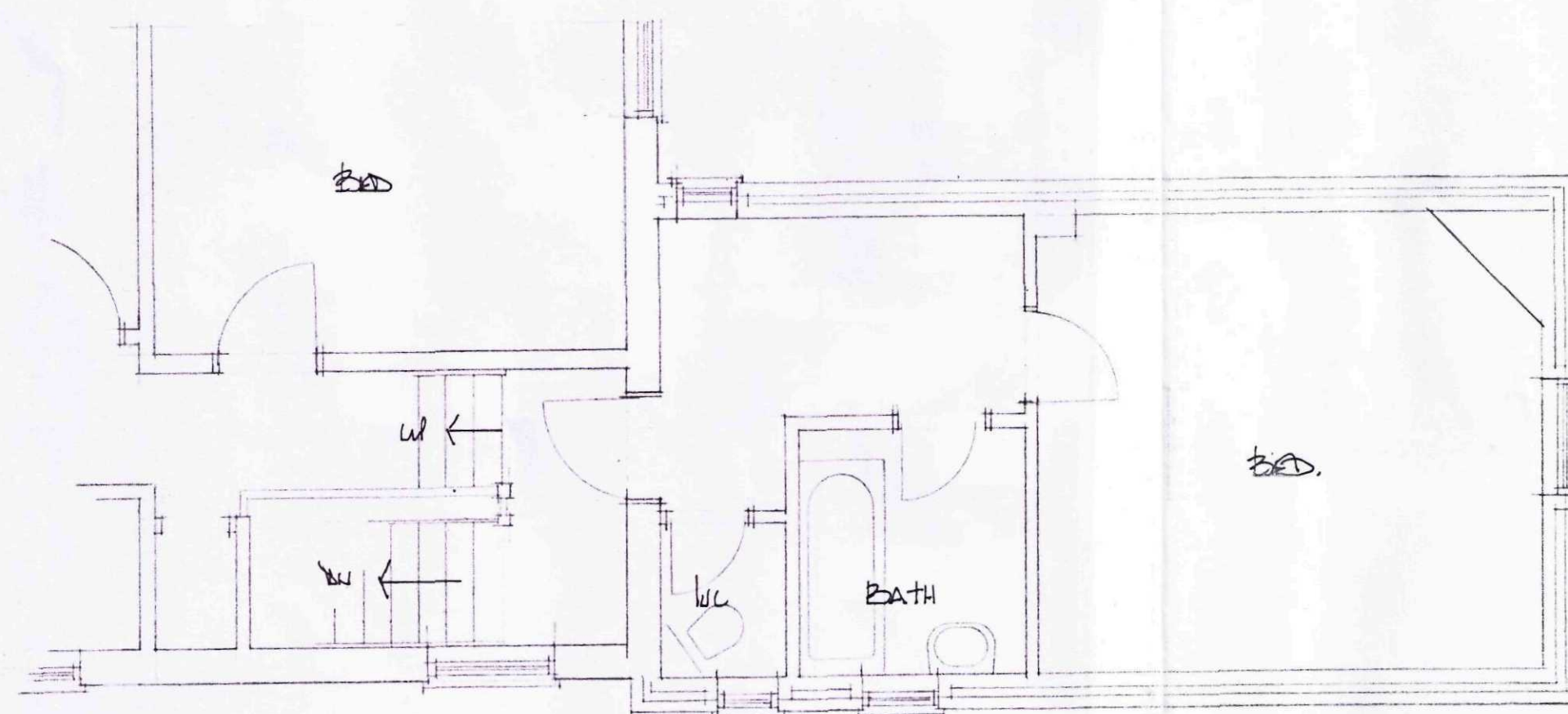
To be Rockwool Rollbatts (k = 0.037W/mK), 150mm laid between joists with a further 150mm layer laid at right angles over the top.

Where the ceiling line follows the slope of the roof 80mm Celotex insulation is to be placed within the depth of the rafters, flush with the underside, with a further 20mm Celotex insulation beneath the rafters. 15mm plasterboard and skim finish.

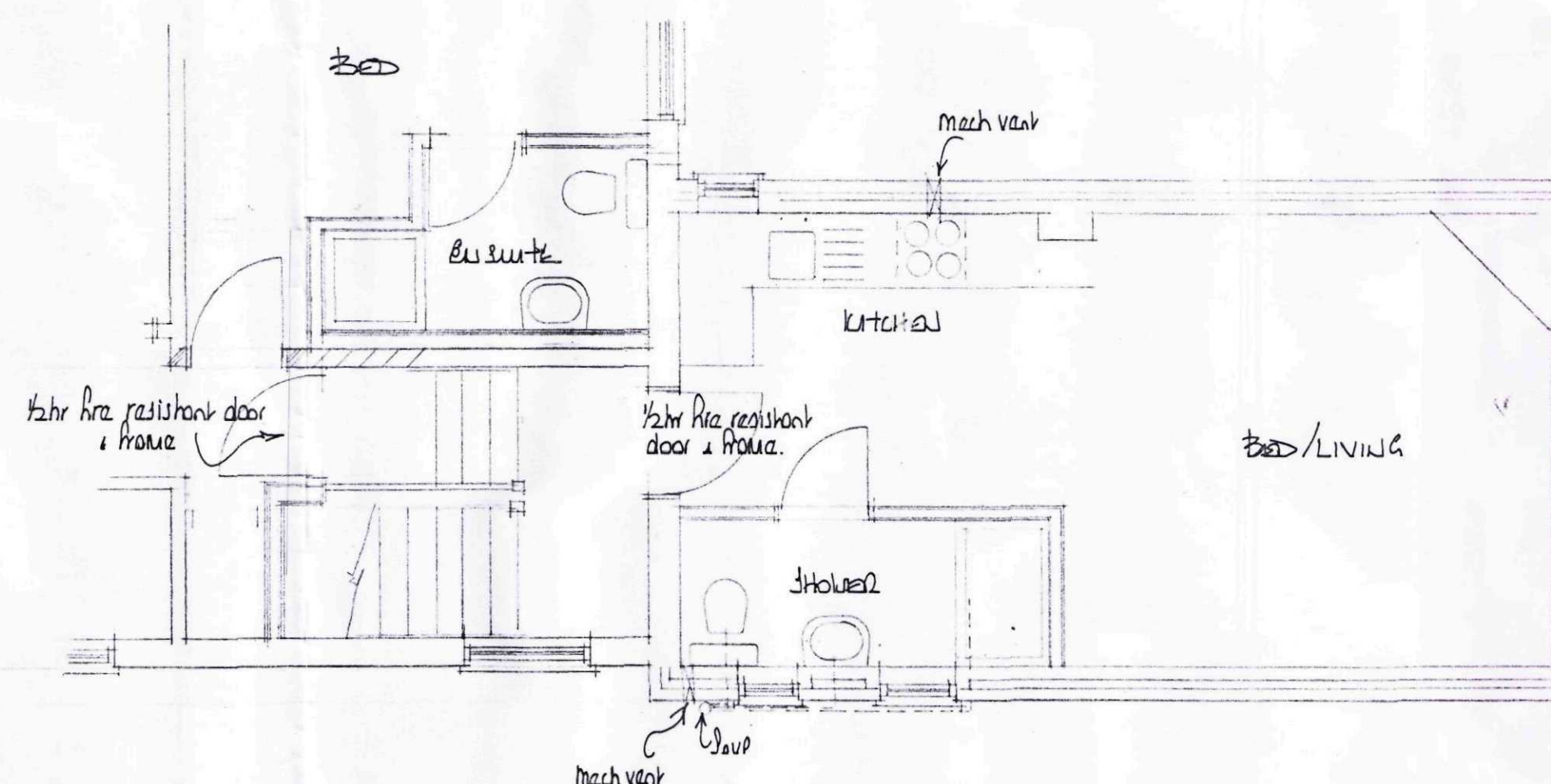


the crescent

block plan



existing
first floor plan



proposed

**DETERMINED
PLAN**

SHDC
Planning & Development
24 FEB 2009
Ref: 0128109

EAST MIDLANDS DESIGN ASSOC.

Architectural Consultants

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Client

MR H REVILL

Project

ALTERATIONS TO FIRST FLOOR PLAN
TO FORM ADDITIONAL FLAT AT
33 THE CRESCENT
SPALDING LINES

Drawing

Plans Section & Elevations

Scale
1:50 1:100 & 1:250

Date Feb 04 Drawn AL

Dwg No. Rev.

08/14/03