**Roof Construction**
To be finished in Double Roman concrete tiles to match
Existing roof on 50x25mm battens on breathable roofing felt
on fink roof trusses by specialist manufacturer at 600mm ctrs
on 75x100mm wall plate calculations for all trusses to be submitted
for approval prior to commencement on site.

30x5mm anchor straps to be provided to wall plate at
alternate rafter, to extend min 1200mm down wall

**External Wall Construction**
Cavity wall construction to comprise;
102.5mm brickwork to match existing dwelling
outer leaf, with 50mm clear cavity with 50mm
Kingspan or equal approved, cavity insulation,
100mm lightweight thermal blockwork to inner
leaf with 12.5mm plasterboard on dabs
to internal face.

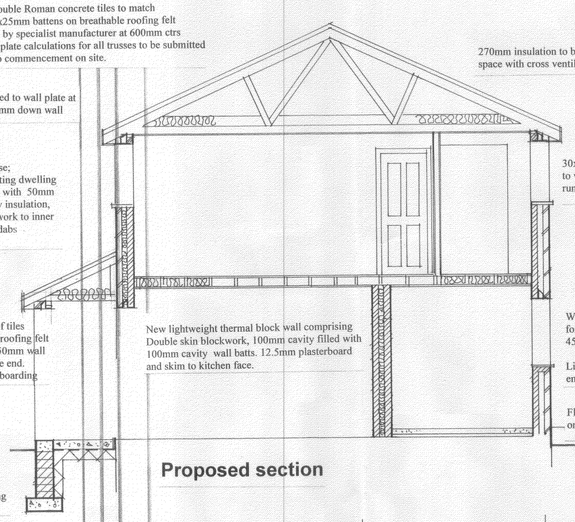
Code 4 lead flashings to be used
in conjunction with proprietary tray dpc

New Mono pitch roof to be constructed of concrete roof tiles
To match existing on roofing on 50x25mm battens on roofing felt
On mono type roof trusses to specialist design, on 75x50mm wall
Plate supported by wall and gallows type bracket at free end.
Underside to be finished in upvc tongued and grooved boarding

Proprietry Tray DPC to be provided to front elevation
Over monopitch roof, and all lintels in external wall.

**Foundations**
To be 600x225mm thick concrete strip type, min
750mm to underside, depending on ground conditions.

Foundations to be approved by Local Authority Building
Control Officer



**Proposed section**

270mm insulation to be provided in 2 layers to roof
space with cross ventilation provided by eaves vents.

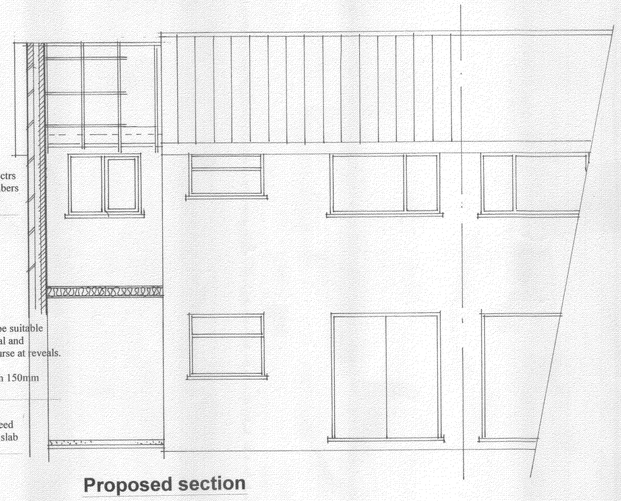
30x5mm anchor straps to be provided at 1.2m ctrs
to verge, first floor and ceiling level where timbers
run parallel to wall and to span 3 No timbers.

New lightweight thermal block wall comprising
Double skin blockwork, 100mm cavity filled with
100mm cavity wall batts. 12.5mm plasterboard
and skim to kitchen face.

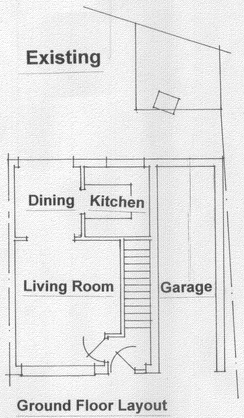
Wall ties to be stainless steel vertical twist type suitable
for 100mm cavity at 750mm centres horizontal and
450mm centres vertically and every block course at reveals.

Lintols to be Catnic CH110 or equivalent with 150mm
end bearing.

Floor construction to kitchen to be 75mm screed
on 75mm rigid polystyrene on existing floor slab

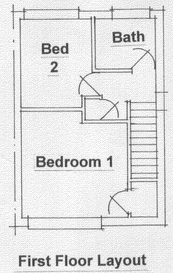


**Proposed section**

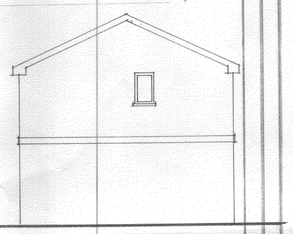


**Existing**

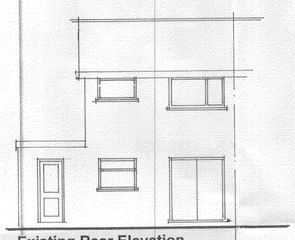
**Ground Floor Layout**



**First Floor Layout**



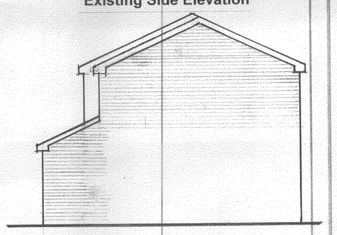
**Existing Side Elevation**



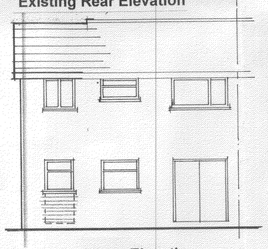
**Existing Rear Elevation**



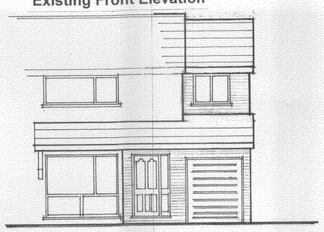
**Existing Front Elevation**



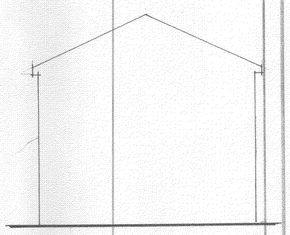
**Proposed Side Elevation**



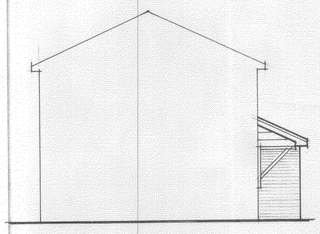
**Proposed Rear Elevation**



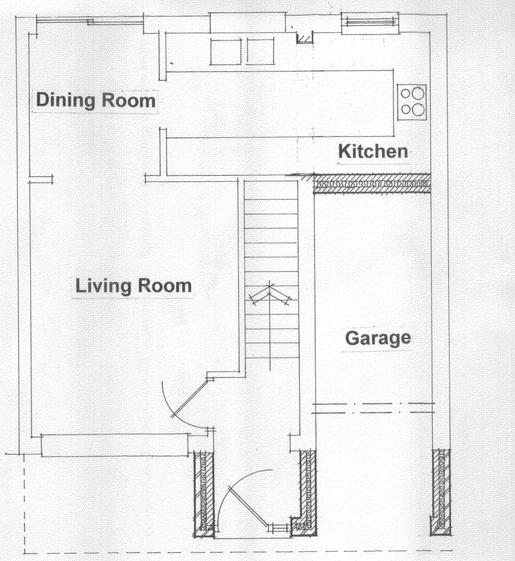
**Proposed Front Elevation**



**Existing Side Elevation**

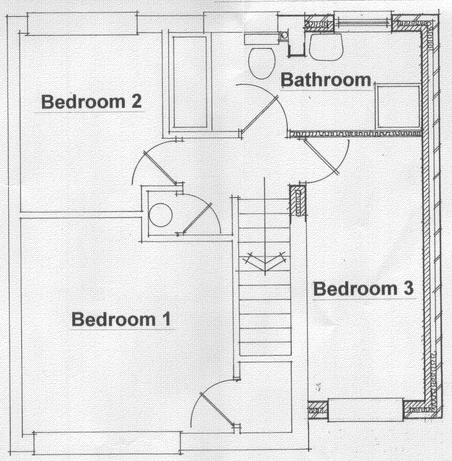


**Proposed Side Elevation**




**Proposed**
**Ground Floor Layout**

Existing drainage to be used, but must be inspected and approved
by the Loacal Authority Building Control Officer




**First Floor Layout**

**NOTES:**
**All dimensions must be checked on site and not scaled from this drawing.**

**General**
Foundations to be exposed and approved by
District Building Surveyor.

All masonry to be adequately bonded to existing
To the approval of the District Building Surveyor.

All new drainage to be laid to the approval of the
District Building Surveyor.

Windows to have min 1/20 floor area opening light.
Glazing to all windows to be double glazed sealed units
fitted with Pilkington K glass to meet current U value.

Escape windows to first floor to have min 0.33m²
clear opening, min height or width 450mm

Glazing to doors or windows within 300mm of a door,
below 1.5m from ground/floor level, or below 800mm
elsewhere to be fitted with safety glass to BS6206

Background ventilation to habitable rooms to be
8000mm² and 4000mm²to non habitable rooms

Mechanical ventilation to be provided to
bathroom to give 15 litres/sec ventilation.

Switches and sockets to be between 450mm and 1200mm

Mains operated smoke detectors to be provided in
circulation areas.

**Electrical Installation**
The electrical installation must be carried out by an electrician
registered under the "Competent Person Scheme" and provide
certification for testing, design and inspection. Alternatively
an application to be made separately to Local Authority
Building Control in respect of Part P of the Approved Documents
for the inspection and testing of the electrical installation.

**First Floor Construction**
19mm T & G floorboard on 50x150mm floor joists at
450mm centres with 100mm insulation to provide a
density of 10kg/m³ with 12.5mm plasterboard and skim
to underside.

Herringbone strutting to be provided mid span. With
Edge noggins for plasterboard

30x5mm galvanised anchor straps to be provided
for lateral restraint to extend down wall and span 3 No
joists, where joists run parallel to wall.

**Internal Wall Construction**
Internal walls to be 47x75mm timber stud construction
Set at 600mm horizontal centres and 1200mm vertical
Centres and clad with 12.5mm plasterboard with skim finish
partitions to have acoustic insulation wall batts

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| A | MAR 2012 | PLANNING REQUIREMENTS |
| | Date | Revisions |

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PLANNING SUPERVISORS

Client
**Mr W. Walker**

Job Title

Drawing Title
**Proposed extensions and alterations to 6 Bleasdale Grove, Monk Bretton, Barnsley**

Scale **1:50 1:100**

Date | Drawn by

Drg No. **Drawing No. 7109/01** | Rev. A

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594 x 841mm A1