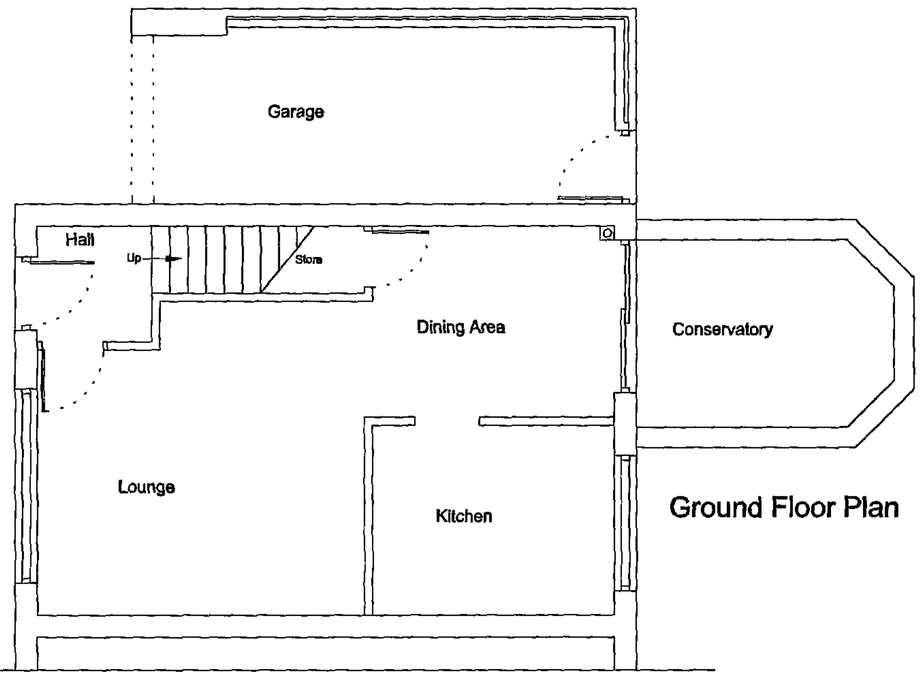
Barnsley Metropolitan
Borough Council
05 DEC 2008
Corporate Mail Room

Drawing No. 24KCS/08/01

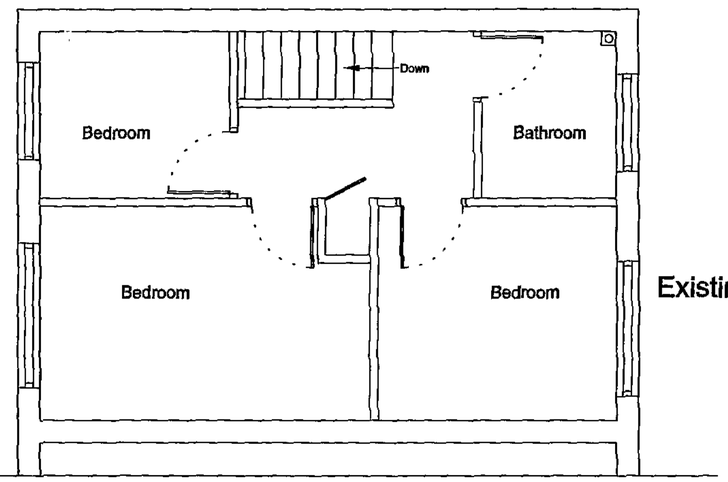
© Copyright I. J. Mawson

Address	24 Kenwood Close Stairfoot Barnsley S70 3EJ
Project	Existing Plans
Scale	1 : 50
Date	December 2008

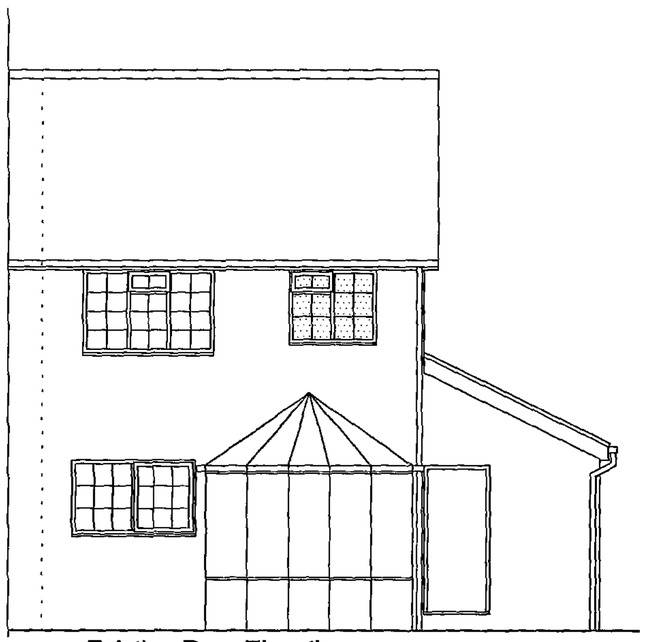
Willowbrook Design Services
Mr. I. J. Mawson M. B. Eng.
14 Willow Brook Close Dorton Barnsley
Telephone 01226 – 380043



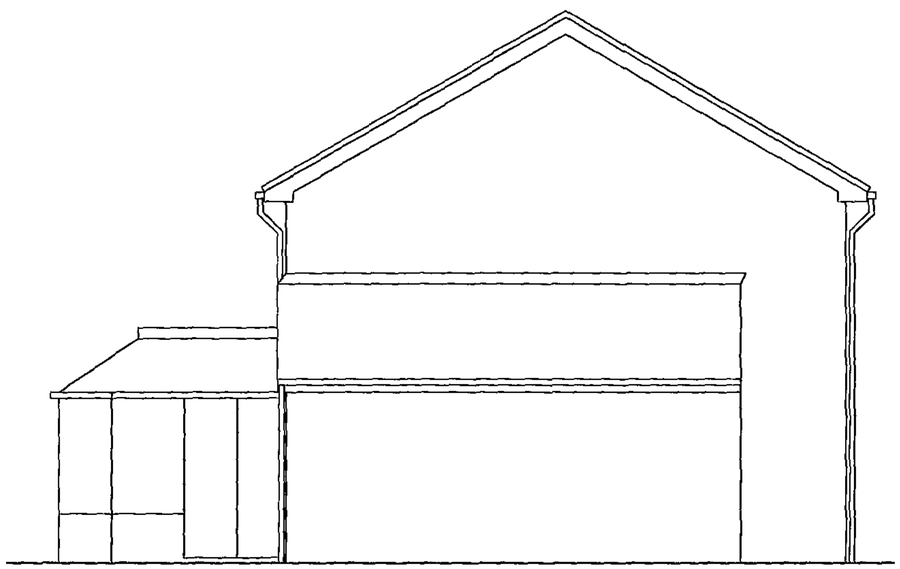
Ground Floor Plan



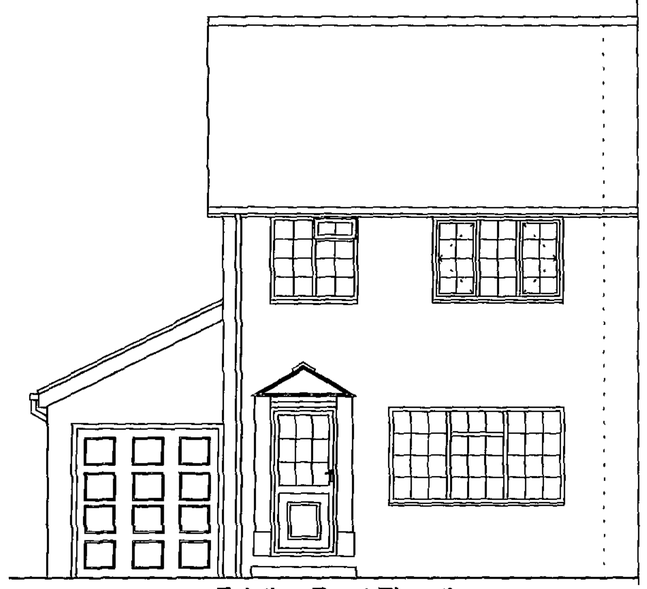
Existing First Floor Plan



Existing Rear Elevation

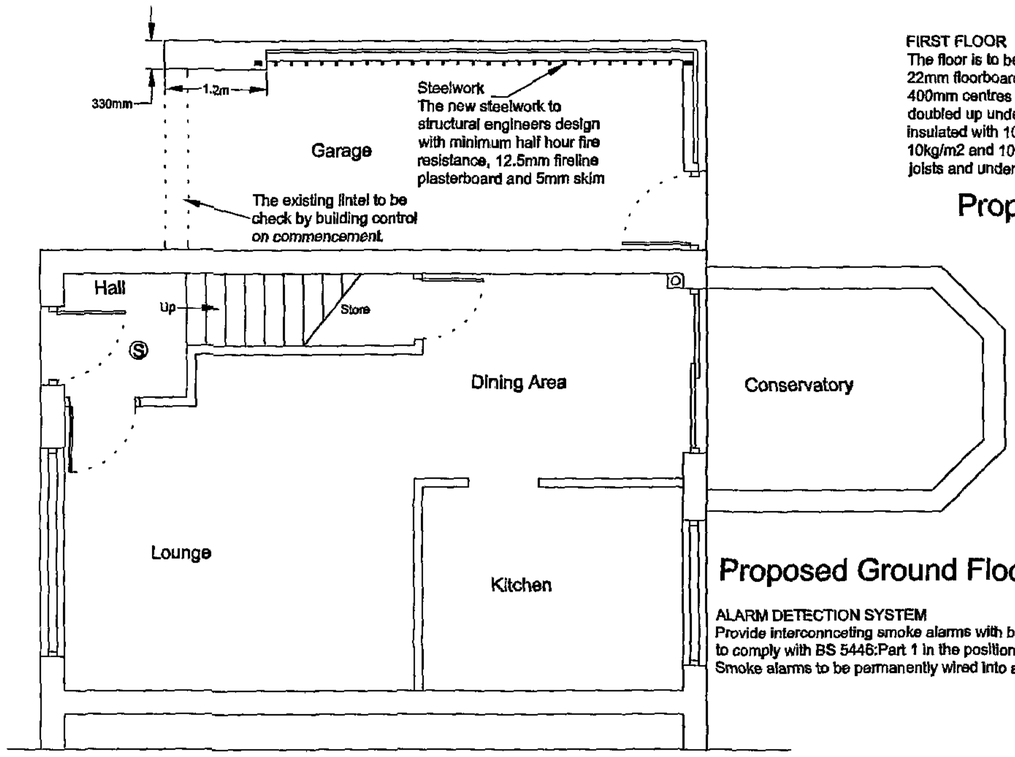


Existing Side Elevation



Existing Front Elevation

Barnsley Metropolitan Borough Council
09 DEC 2008
Corporate Mail Room

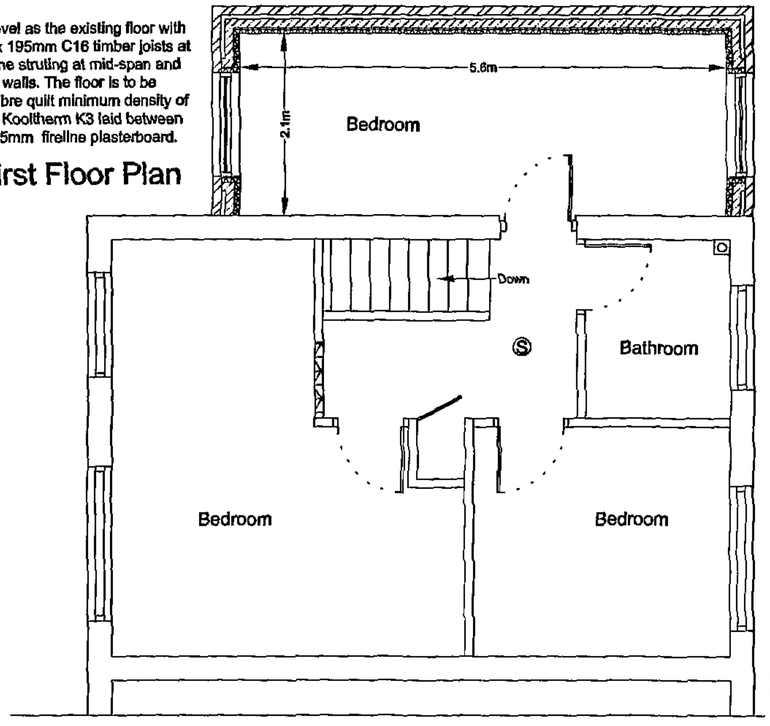


Proposed Ground Floor Plan

ALARM DETECTION SYSTEM
Provide interconnceting smoke alarms with battery backup to comply with BS 5446:Part 1 in the positions indicated. Smoke alarms to be permanently wired into a fused circuit.

FIRST FLOOR
The floor is to be at the same level as the existing floor with 22mm floorboarding on 50mm x 195mm C16 timber joists at 400mm centres with herring bone struting at mid-span and doubled up under any first floor walls. The floor is to be insulated with 100mm mineral fibre quilt minimum density of 10kg/m2 and 100mm Kingspan Kooltherm K3 laid between joists and under drawn with 12.5mm fireline plasterboard.

Proposed First Floor Plan



© Copyright I. J. Mawson

Willowbrook Design Services
Mr. I. J. Mawson M. B. Eng.
14 Willow Brook Close Darton Barnsley
Telephone 01226 – 380043

Drawing No. 24KCS/08/02

Address	24 Kenwood Close Stairfoot Barnsley S70 3EJ
Project	Proposed Plans
Scale	1 : 50 Date December 2008

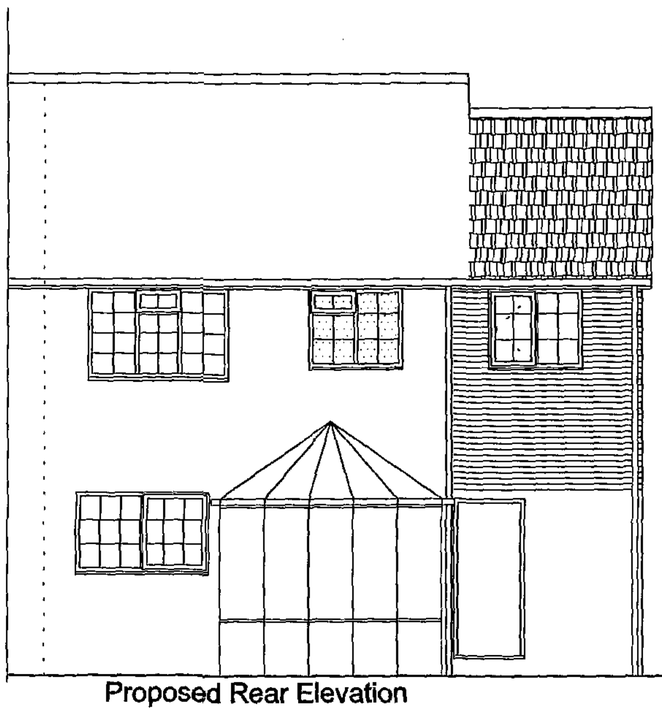
EXTERNAL WALLS
To be cavity wall construction with external leaf of brick to match existing, 50mm cavity filled with Dritherm insulation wall batts and internal leaf of 100mm Thermalite shield blocks. Walls ties to be 5 number per metre square and 225mm vertical centres to reveals, stainless steel double triangle to BS 1243. The internal wall to be finished with 65mm Kingspan Kooltherm K18 dry lining board. The blockwork and brickwork to be either block bonded or tied using Furfix stainless steel ties to the existing, with the cavities made continuous with existing.

WINDOWS & VENTILATION
The windows and doors are to be UPVC double glazed with 16mm air gap and a "soft" low-E coating and draught stripped with trickle ventilation of 8000mm2 and opening lights minimum 5% floor area of the room. Mechanical ventilation provided to En-suite of 15L/sec ducted to the external air.
The new first floor bedroom window is to be provided with escape windows a minimum area 0.33m2 with a minimum clear opening height and width of 450mm (ie. minimum clear opening of 450mm wide and 750mm high) with the opening window between 800mm and 1100mm above finished floor level.

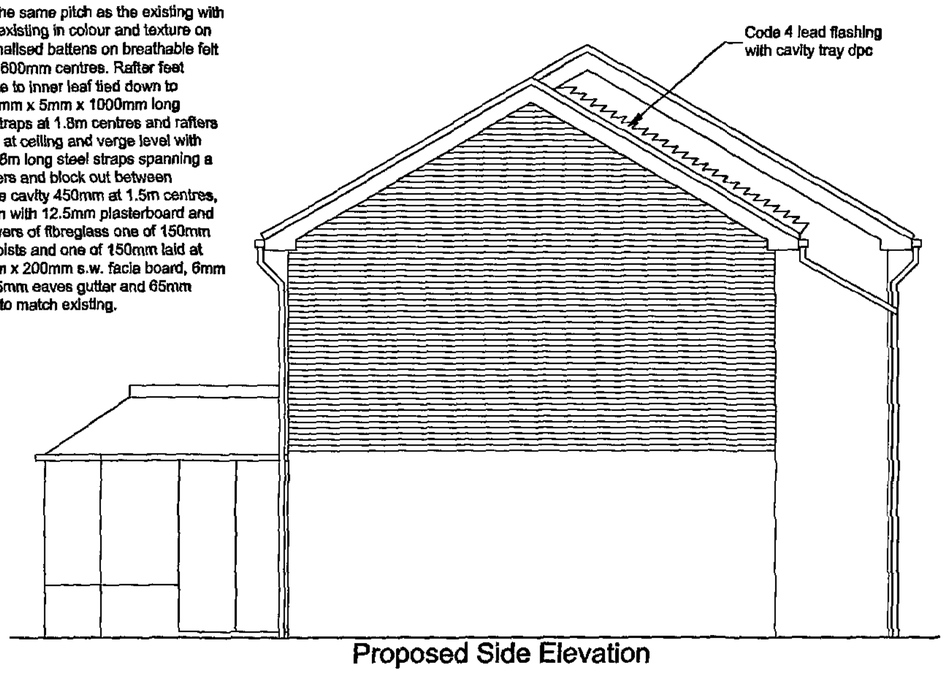
LINTELS
The lintels to be Catnic CG50/100 or similar approved to be insulated and have a minimum end bearing of 150mm with tray dpc over and weep holes at 450mm centres and with exposed internal faces covered with 12.5mm plasterboard and 5mm skim.

DRAINAGE
The new front and rear rainwater downpipes are to be connnected to the existing drains.

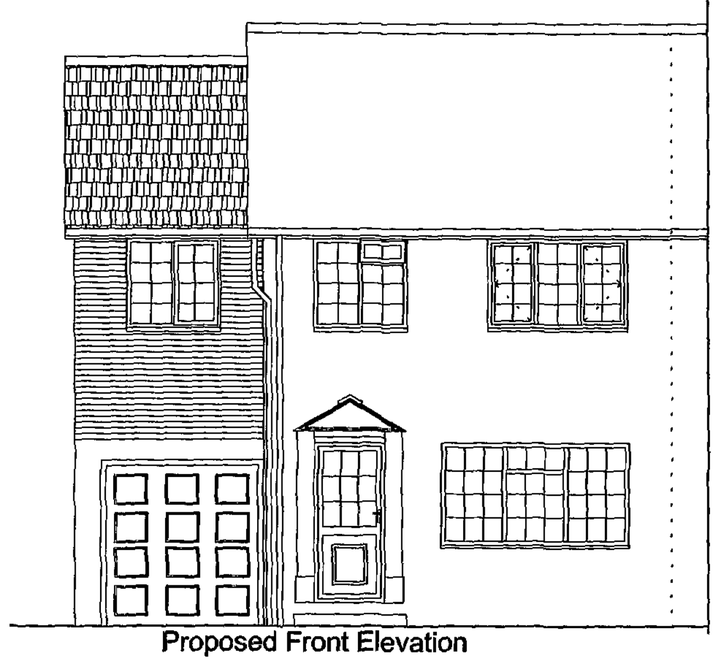
ROOF
The roof to be at the same pitch as the existing with tiles to match the existing in colour and texture on 38mm x 20mm tanalised battens on breathable felt on truss rafters at 600mm centres. Rafter feet seated on wallplate to inner leaf tied down to blockwork with 30mm x 5mm x 1000mm long galvanised steel straps at 1.8m centres and rafters tied to gable walls at ceiling and verge level with 30mm x 5mm x 1.8m long steel straps spanning a minimum of 3 rafters and block out between extended down the cavity 450mm at 1.5m centres, ceiling underdrawn with 12.5mm plasterboard and 5mm skim, two layers of fibreglass one of 150mm laid between the joists and one of 150mm laid at right angles, 25mm x 200mm s.w. facia board, 6mm plywood soffit. 125mm eaves gutter and 65mm downpipe in upvc to match existing.



Proposed Rear Elevation



Proposed Side Elevation



Proposed Front Elevation