NOTE !
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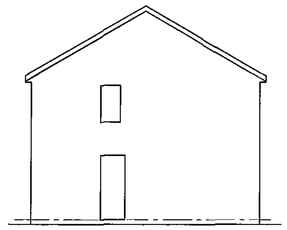
Do Not Scale Drawing
All Dimensions to be Checked on Site Prior to Commencement



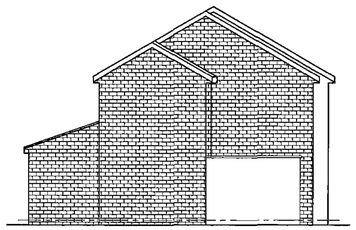
Existing Front Elevation



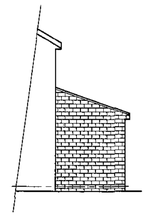
Proposed Front Elevation



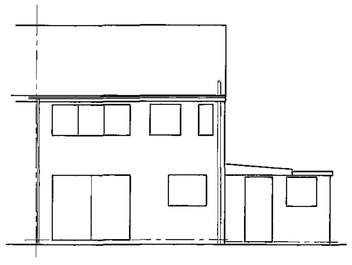
Existing Side Elevation



Proposed Side Elevation



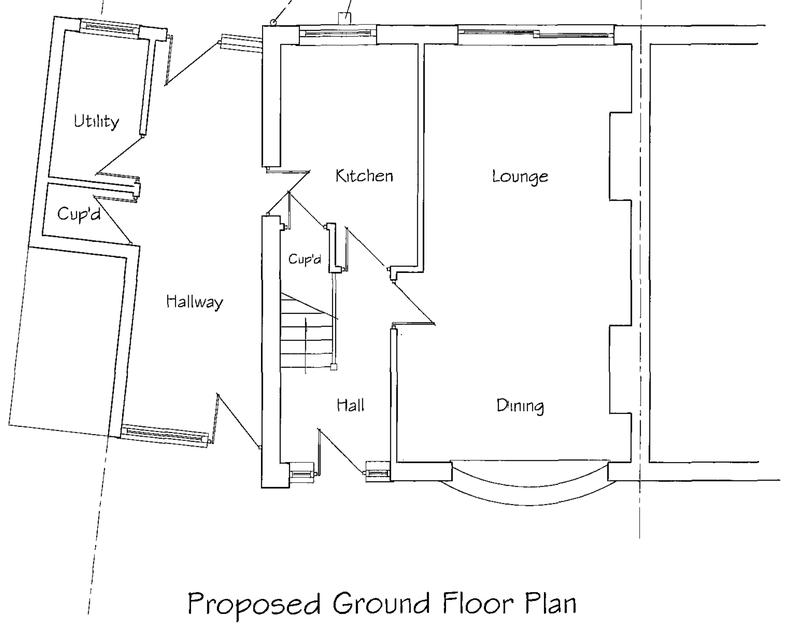
Proposed Side Elevation



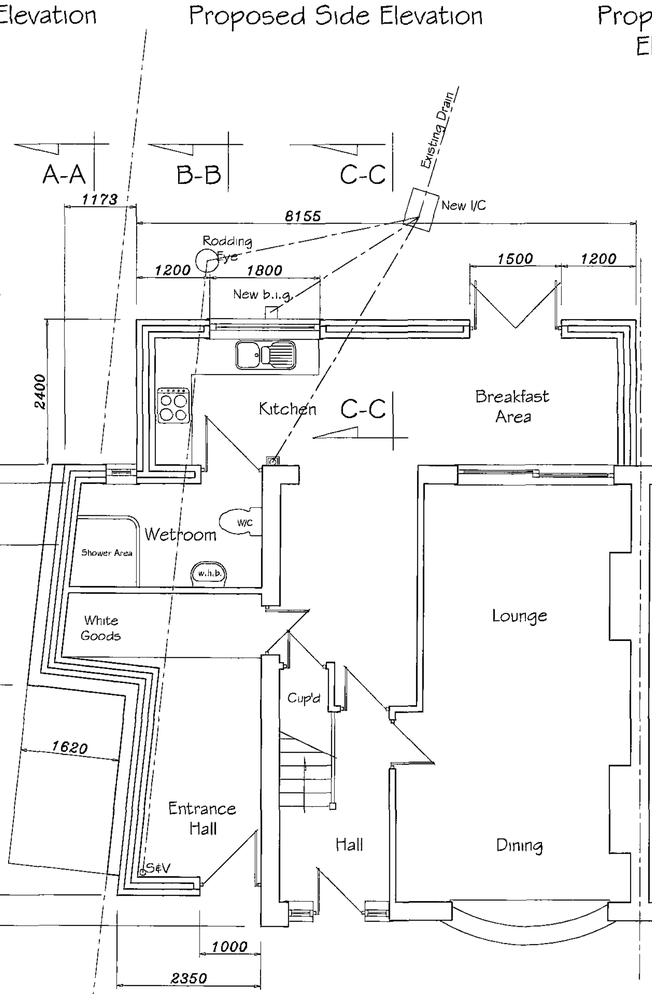
Existing Rear Elevation



Proposed Rear Elevation



Proposed Ground Floor Plan



Proposed Ground Floor Plan

A-A B-B

applicant

Mr M Whitehead
4 Kennedy Drive
Bolton on Dearne
Rotherham
S63 9PU.

ROOF: Roof of conc interlocking tiles in style and colour to match existing dwelling; on 38x25 tanalised s.w. battens; on 1 No layer of untearable breathable felt; on trusses designed and manufactured by South Yorkshire Truss Supplies Doncaster or similar; trusses set at 600 crs; 100x25 diagnal wind bracing; web bracing; & ceiling bracing to full length of roof; solid noggings and packings at all anchor points; 100x50 binders set at all node points; roof construction to comply with BS 5268 Part 3; calculations for trusses to be submitted to local authority 28 days prior to commencement; ceiling of 300 thick fibreglass quilt insulation; laid 100 between trusses; 200 over; underdrawn with 12.5 thick plasterboard and skim; 100 half round upvc gutters on 225x25 upvc facia; upvc soffit fitted with soffit vents to give roof ventilation equal to a continuous gap of 25mm wide full length of roof; rainwater to existing drains; step and cover flashing to abutment to be of BLM milled lead code4 or 5 and to extend 150 vert min;

WALLS: Walls of cavity construction; outer leaf of facings to match existing dwelling; 100 cavity with 100 thick Crown Dritherm Cavity Slab Plus; 100 thick lightweight aggregate block inner leaf; concrete commons to both leaves below d.p.c. and fill cavity with weak mix concrete to min 225 below dpm; or use Thermalite foundation blocks; d.p.c. set 150 min above finished G.L. and not to bridge cavity; brick bond 3 in 6; block bond every other course; or use Catnic wall ties; internal finish to new walls to be plasterboard on dabs and skim; continuous dabs of adhesive to perimeter of dry lining and a foamed polyurathane between the window and its surround to reduce air leakage; Polyfoam cavity closures to be used at cills and jambs to eliminate any thermal bridge and to achieve an airtight seal between window and inner leaf; all joists built into walls to be fully mastic sealed; care to be taken with the new building to ensure minimal air leakage;
S.S. twist wall ties set at 750 crs. horizontal; 450 crs. vertical; 225 crs. around openings and up unbonded reveals; horizontal and vertical d.p.c. to all openings; Catnic lintels over all openings as marked on plan; cavities to remain continuous at all bonding points; all returns min 665; Catnic lintels to have min 150 end bearing; Lateral restraint straps at ceiling levels; 30x5 galv. MS screwed to walls and to cover 3 No joists min; 100x50 wallplate; anchored to walls by Catnic straps at 2000 crs;

FOUNDATIONS: Foundations of 610 x 225 concrete strips at depth to suit L.A. inspector but with 760 min dig; 900 if onto clay; and lower than any existing drains; bridge walls over drains using R/C conc lintels;

GROUND FLOOR: Ground Floor of 100 thick concrete; on 75 thick Celotex insulation; on 2000g visqeen dpm; bonded to horizontal dpc's; on 125 thick consolidated hardcore; tape all joints and pipe penetrations and provide cavity tray to perimeter to give full Radon protection;

WINDOWS: All windows to be double glazed and to give min 1/20 of internal floor area opening; to have 16 gaps and low E coatings; frames of white u.p.v.c. to match existing; all glazing to doors and side panels within 1500 mm. of floor level; and to windows within 800 of floor level to be of safety glazing; all new windows to achieve a U value of 1.8 W/m2K;

HEATING: Central heating to be an extension of the existing gas fired system; all new radiators to be fitted with TRV's; temp control by room stats;

GENERAL: Catnic Lintels over opening as marked on plan; lintels to have min 150 end bearing; Samples of all external materials to be submitted to and approved by the L/A prior to commencement of building;

ELECTRICAL: All electrical work is required to meet the requirements of Part P (Electrical Safety) and must be designed, installed and tested by an electrician registered under the 'Competent Persons Scheme'
Prior to completion the Council must be satisfied that Part P has been complied with; and an appropriate BS 7671 Electrical Installation certificate will be issued for the work by a person competent to do so;
Alternatively an application will be made seperately to the Local Authority Building Control in respect of the Approved Documents for the inspection and testing of the electrical installation;
All new switches and sockets to be positioned between 450 and 100 above floor level; all new light fittings to be capable of accepting high efficiency bulbs only;

DRG No:- MW411

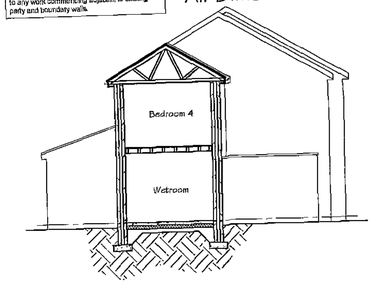
PROPOSED TWO STOREY SIDE EXTENSION & SINGLE STOREY REAR EXTENSION AT 4 KENNEDY DRIVE, BOLTON ON DEARNE,

EXISTING & PROPOSED PLANS AND ELEVATIONS
Scale 1:50 & 1:100 - FEBRUARY 2011

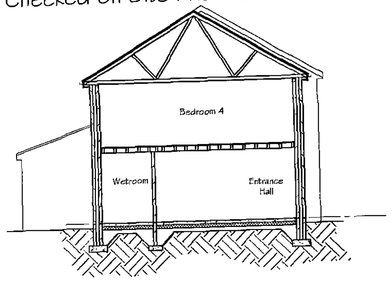
RECEIVED
14 APR 2011
CIVIC OFFICE

NOTE !
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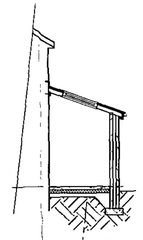
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Section A-A



Section B-B

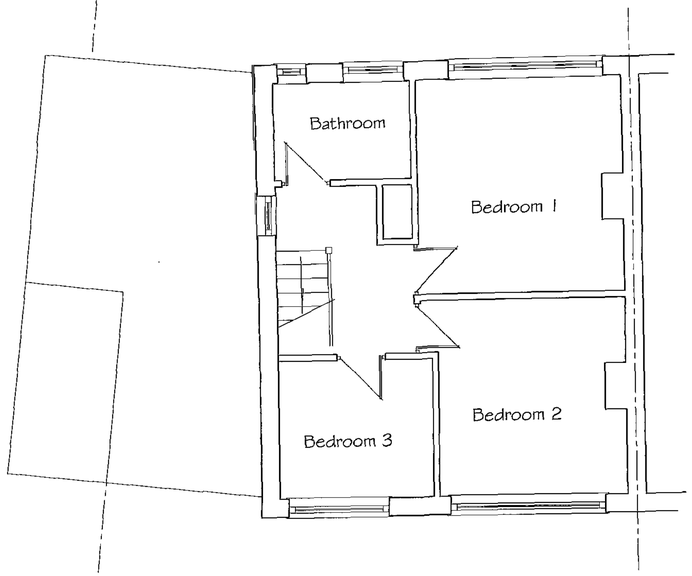


Section C-C

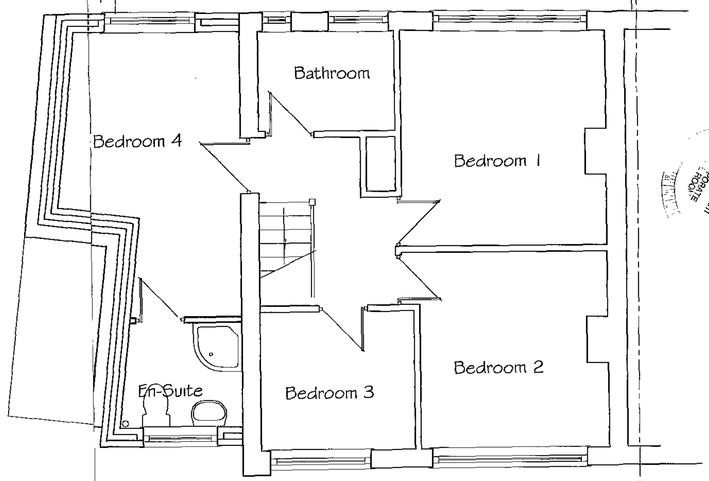
VENTILATION: Mechanical ventilation to wet room and en-suite equal to 15 litres per second; switched with light and with 15 min runover; Trickle ventilation to all habitable rooms equal to 8000 sq. mm.; background ventilation to bathrooms equal to 40000 sq mm; all fans to discharge to external air; mechanical ventilation to kitchen equal to 60 litres per sec. or 30 if incorperating a cooker hood Smoke detectors to be fitted; detectors to be interconnected and wired to the distribution board with a seperate fixed circuit; smoke detectors to be positioned such that there is a smoke alarm within 7500 of any habitable room doorway; ceiling mounted and min 300 min from walls, light fittings and sources of heat;
PLUMBING: fit bathroom fittings as shown; 38 dia upvc waste and deep seal traps to shower and whb; to 100 dia S&V pipe situated inside building; S&V to be insulated and boxed; 100 underground drainage pipework to new inspection chamber on existing drain; 100 dia wastes from w/c to S&V pipe; surround all new drains in 150 pea gravel; min slope of drain to be 1 in 40;

applicant
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SITTING ROOM / KITCHEN ROOF:
Roof of conc interlocking tiles in style and colour to match existing building; on 25x38 tanalised SW battens; on one layer of breathable felt; on 150x50 rafters set at 400 crs; support from existing using 125x50 wall plate rawbolted to wall at 1000 crs; spike to wall plates; flashing to existing to extend 150 vertical min; of BLM milled lead code 4 or 5; insulation to sloping roof by 50 thick Roof/Max pitched roof slab over rafters; 150 thick Crown Rafter Roll 32 between rafters; finish with vapour barrier and 9.5 thick plasterboard ad skim; giving U value of 0.18 W/m²K
Fit 3 No Velux Top-Hung Roof Windows type GPL 3073 (1140x1180) in roof as shown; roof windows to give min 0.18 W/m²K
Alternative insulation to sloping roof to be of 35 thick Polyfoam Pitched Roofboard over rafters; with125 thick Polyfoam Raftersqueeze between; finish with vapour barrier and 9.5 plasterboard and skim; roof windows to give min 1.8 W/m²k



Existing First Floor Plan



Proposed First Floor Plan

DRG No:- MW412

PROPOSED TWO STOREY SIDE EXTENSION & SINGLE STOREY REAR EXTENSION AT 4 KENNEDY DRIVE, BOLTON ON DEARNE,

EXISTING AND PROPOSED PLANS & SECTIONS
Scale 1:50 - FEBRUARY 2011