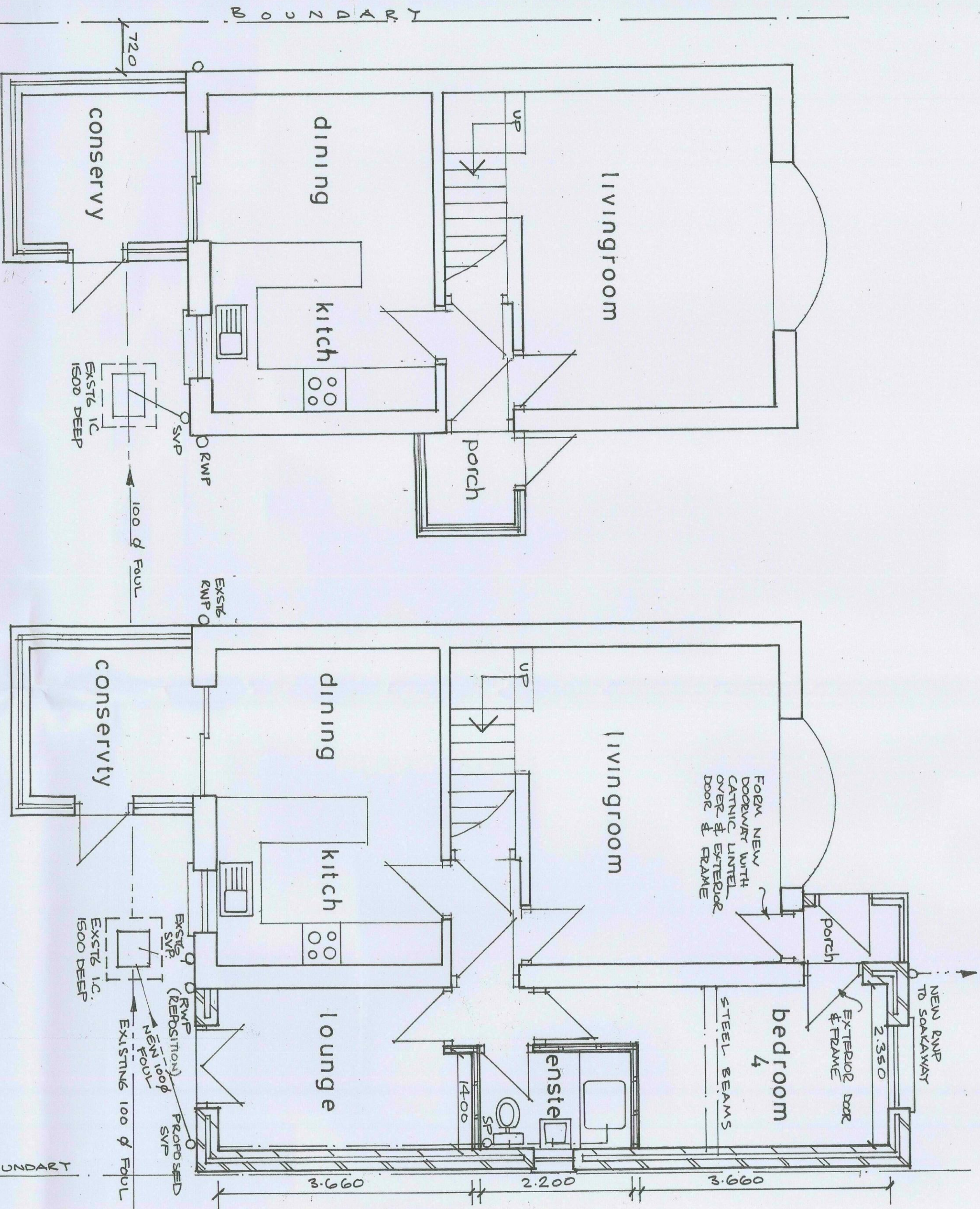
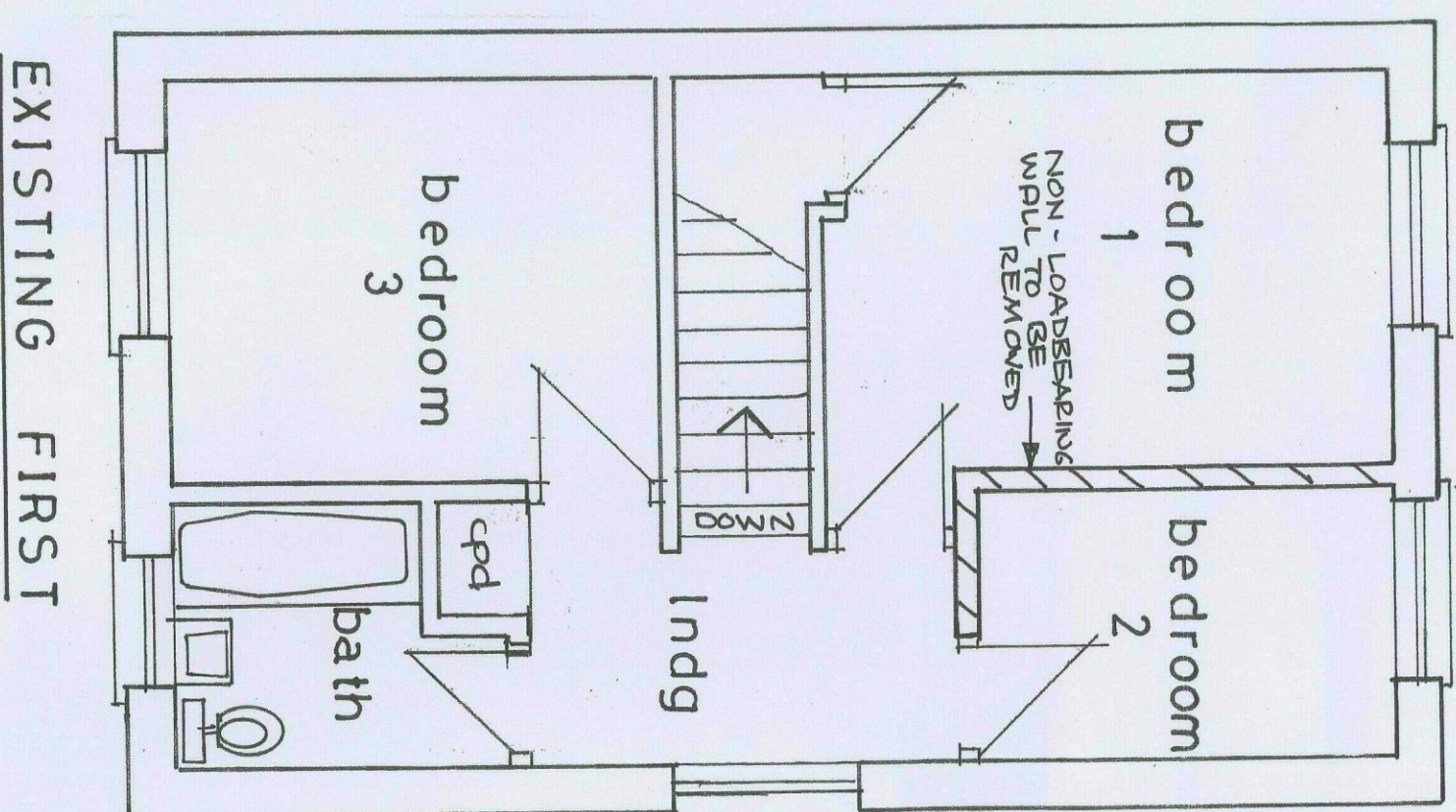


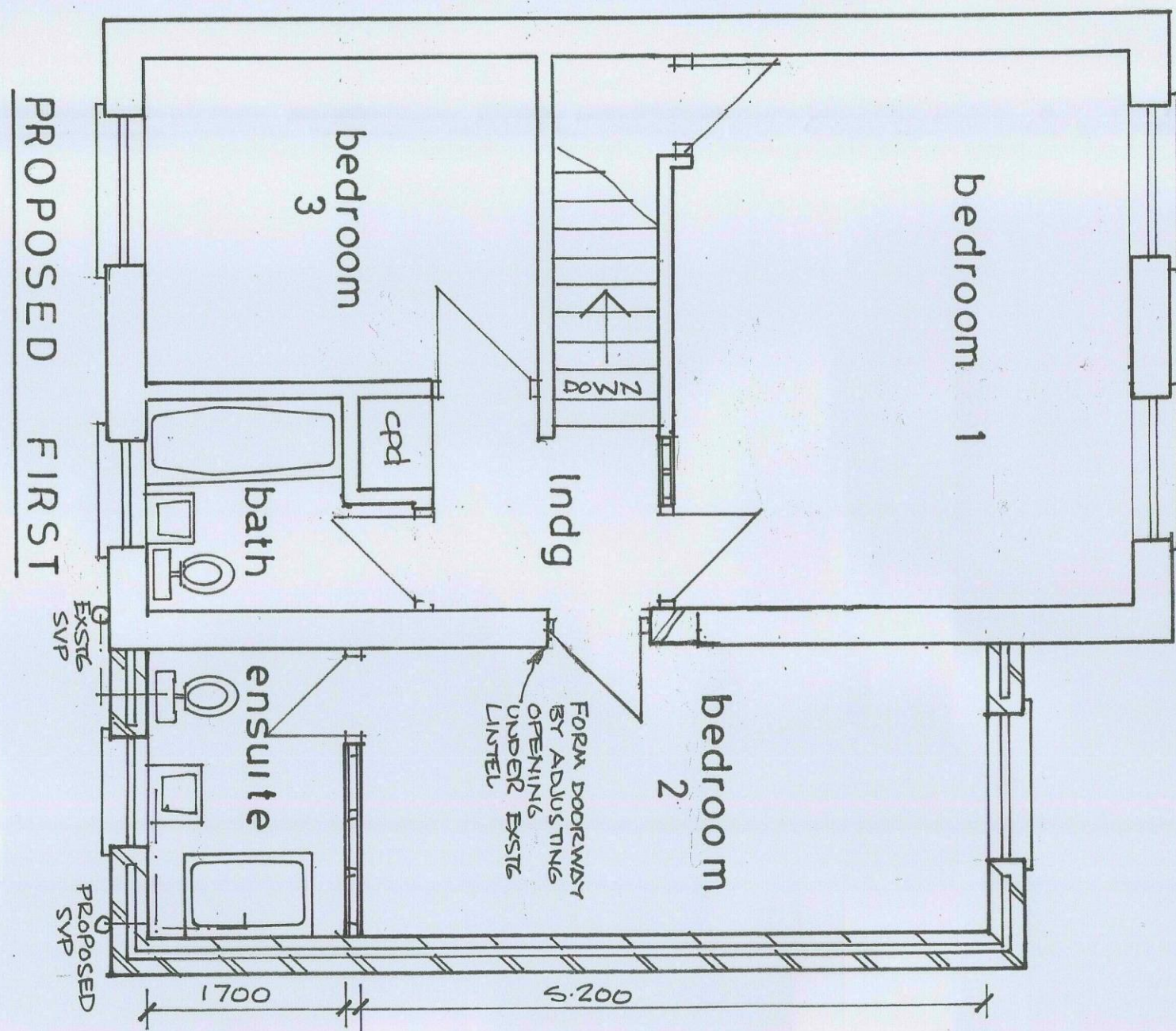


EXISTING GROUND

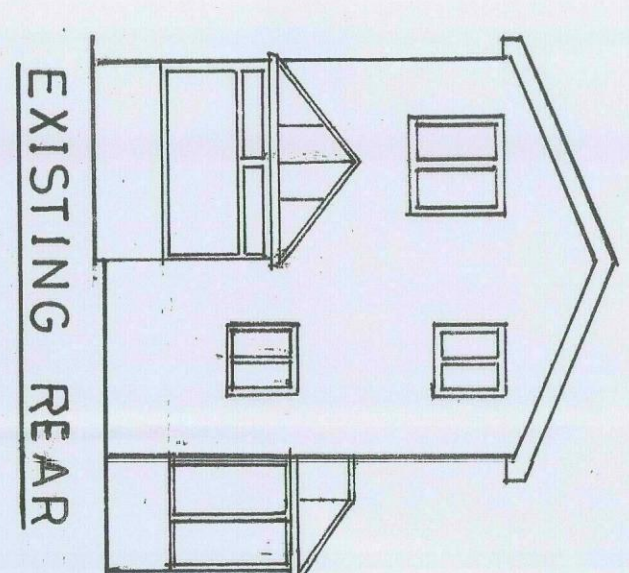
PROPOSED GROUND



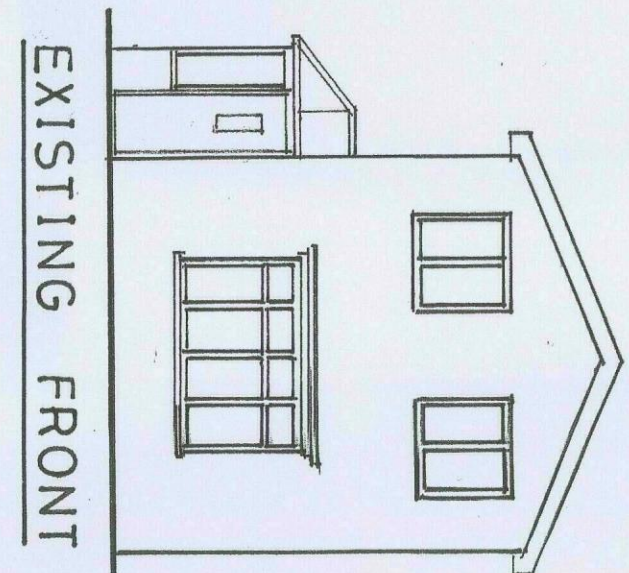
EXISTING FIRST



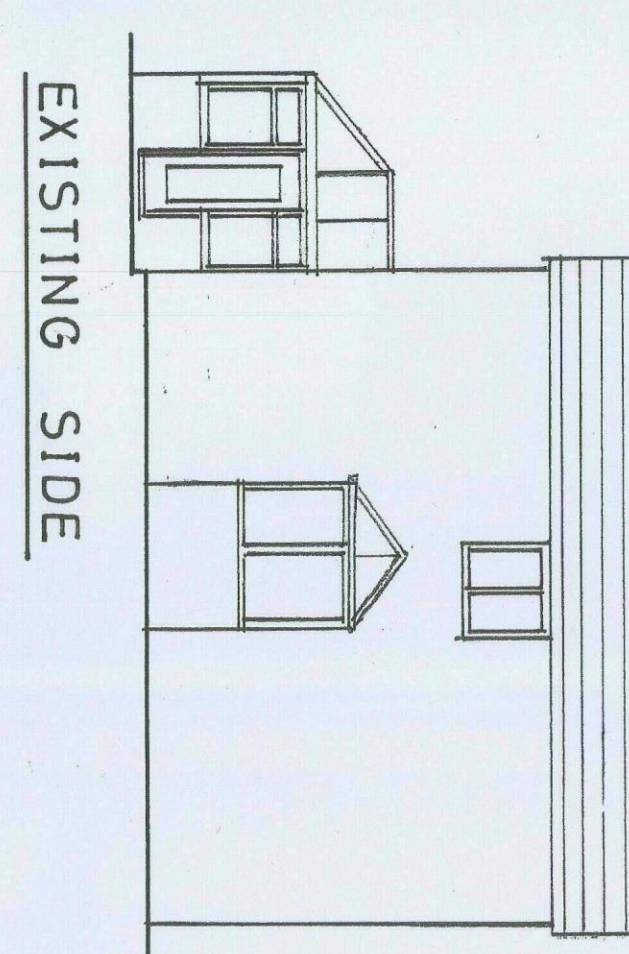
PROPOSED FIRST



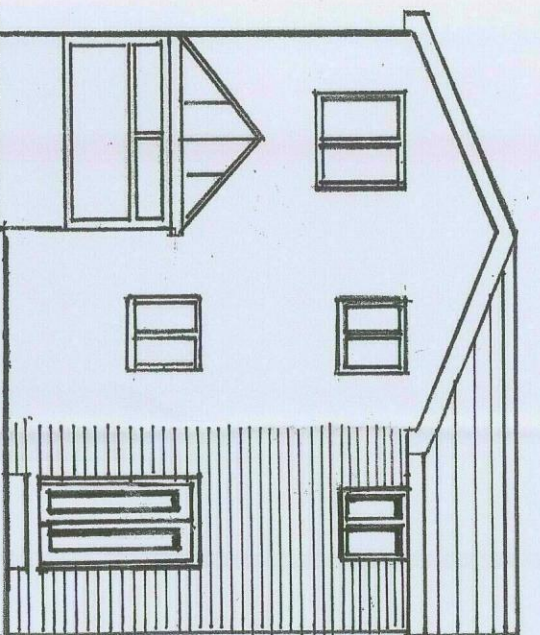
EXISTING REAR



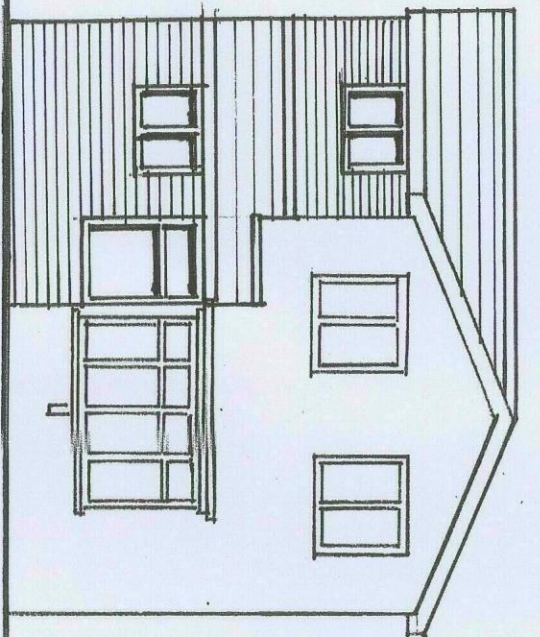
EXISTING FRONT



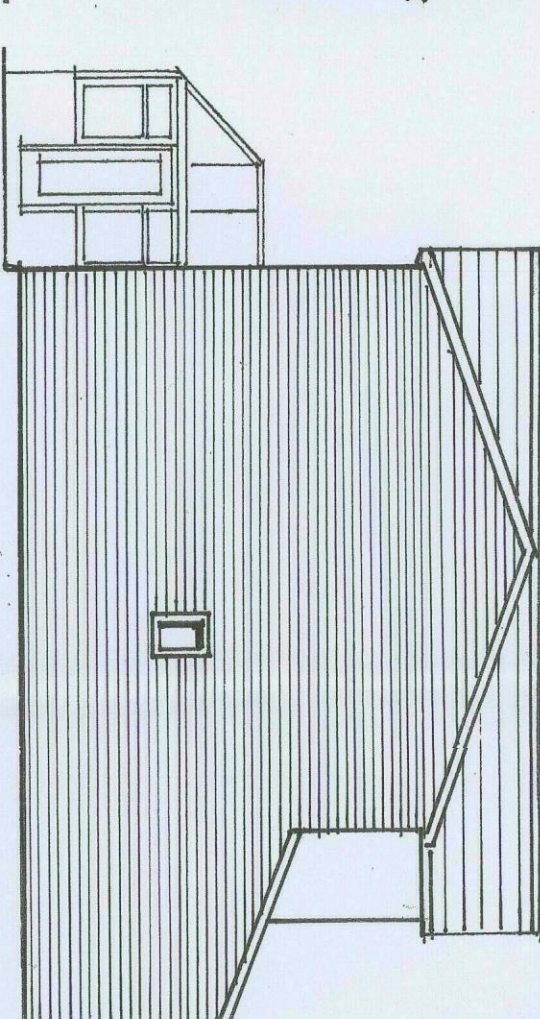
EXISTING SIDE



PROPOSED REAR

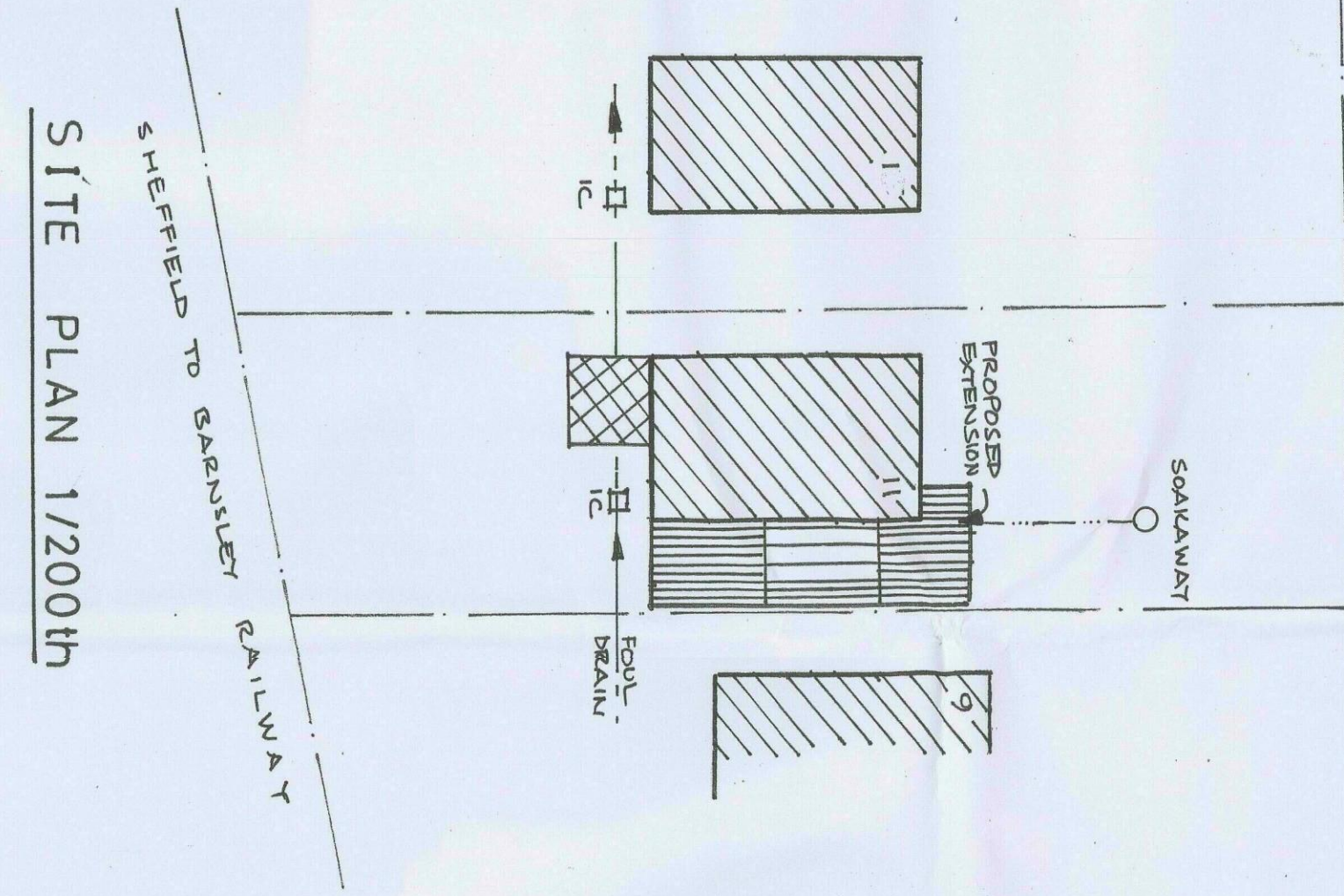


PROPOSED FRONT

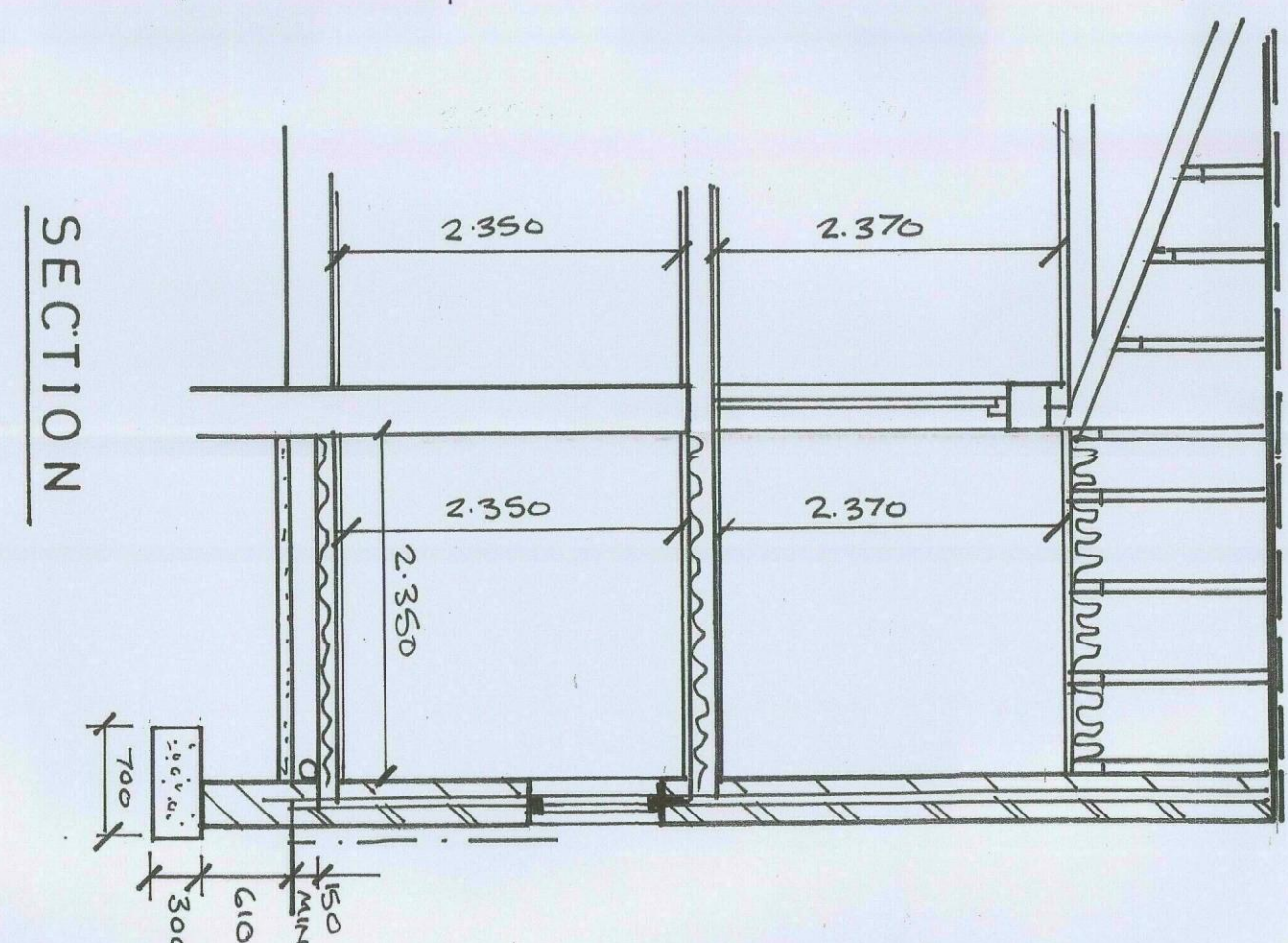


PROPOSED SIDE

HEMINGFIELD ROAD



SITE PLAN 1/200th



SECTION

PROPOSED TWO STOREY EXTENSION at SIDE

of No.11 HEMINGFIELD ROAD, WOMBWELL, BARNESLEY

SCALES 1/100th and 1/150th at A1 (DO NOT SCALE)

ROOF: Existing roof laid on 38 x 25 timber battens on interlocking roof tiles in colour to BS EN 13077. Proposed roof to be laid on 38 x 25 timber battens on interlocking roof tiles in colour to BS EN 13077. Proposed roof to be laid on 38 x 25 timber battens on interlocking roof tiles in colour to BS EN 13077. Proposed roof to be laid on 38 x 25 timber battens on interlocking roof tiles in colour to BS EN 13077.

CAVITY WALLS: 102.5 thick external leaf in facing brickwork to match existing. Internal leaf to be 102.5 thick concrete blockwork. Cavity to be 50mm. DPC to be 1.2mm thick polythene sheeting. Sills to be 102.5 thick concrete.

GROUND FLOOR: 25 pig boarding on 145 x 50 joists in Class C24 timber at 450 centres built into load bearing walls both ends. 30 x 50mm lateral restraint in 175 span built into brickwork and nailed across first three joists with timber noggins to brace struts. Subfloor vented with 225 x 150 airbricks at 900 centres.

STEEL BEAMS: 2 No. 152 x 89 x 16 kg/m U.B.s piling on 215 long x 140 deep x 100 wide concrete padstones each end. In Grade C20 concrete both ends. Beam built into floor space and bolted together with M24 Grade 8.8 bolts with nut and washer. Beams protected with 10 mm Plonol Shearlag.

VENTILATION: New windows to be 24mm double glazed PVCu units fitted with low E coated glass, opening area minimum 5% floor area of room served. 2,500mm² trickle ventilation to ensuites and 5000mm² to all other rooms. New 0.33m² window to escape window with an unobstructed operable area min 1100mm² and 1100mm² clear height. Window to be fitted with 100mm² trickle ventilation from floor, toughened or safety glazing complying with BS6206:1991 in windows and to any glazing between finished floor level and 800mm in windows and between finished floor level and 1500 in doors, doors and windows to be fitted by FENSA registered contractor.

ENSUITES: vented with windows having obscure glazing and some part of opening light 1750 above floor level together with mechanical extractor fans of 15 litres/sec intermittent extraction rate.

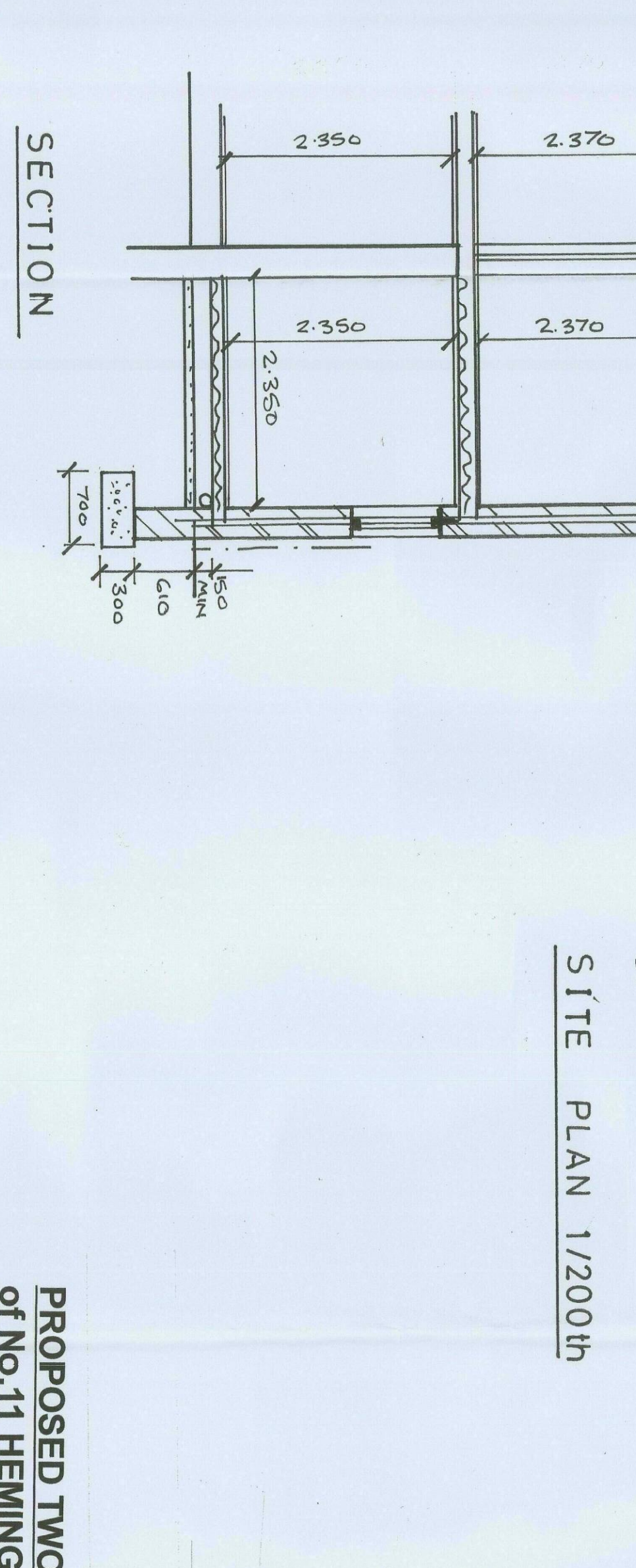
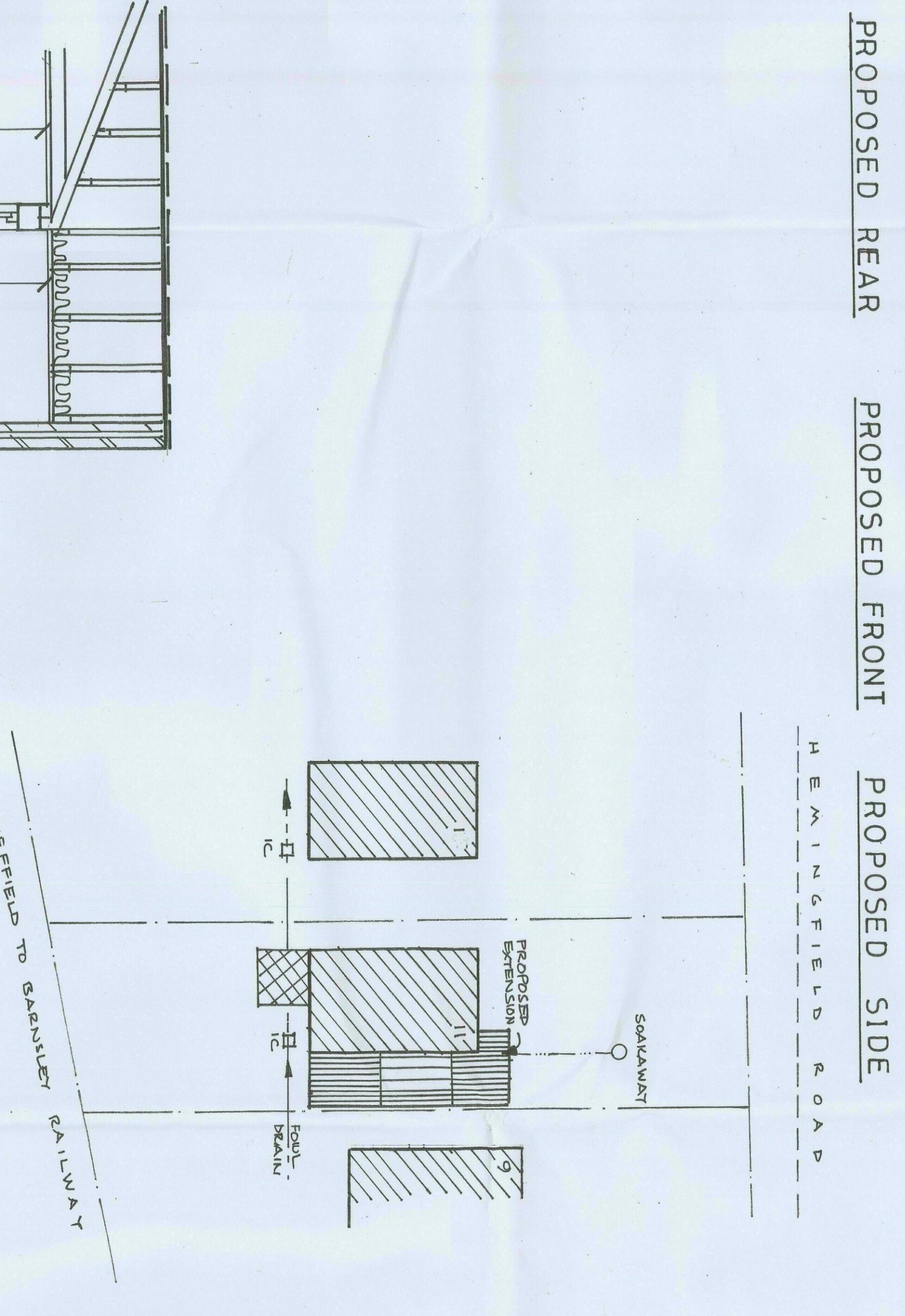
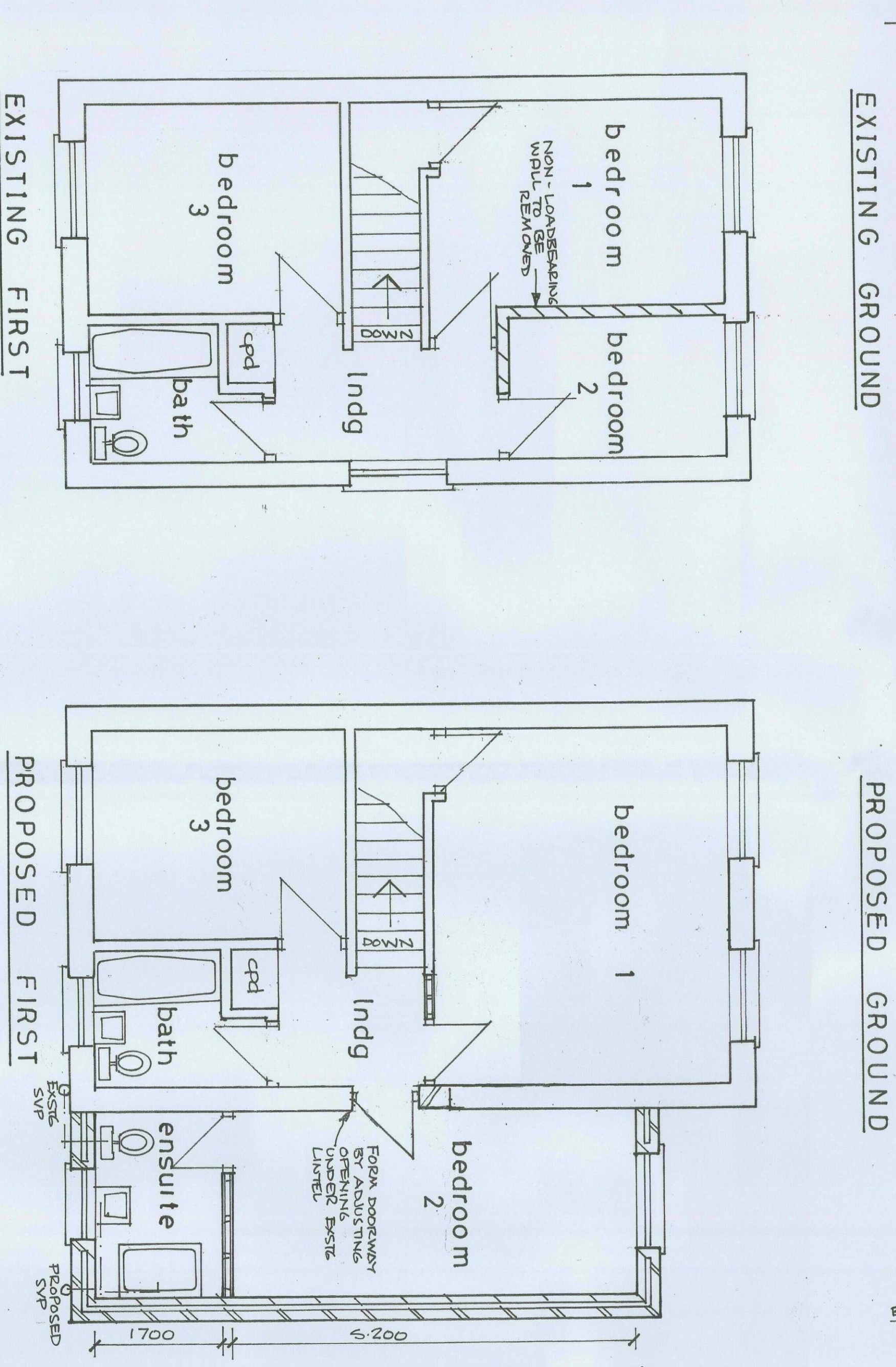
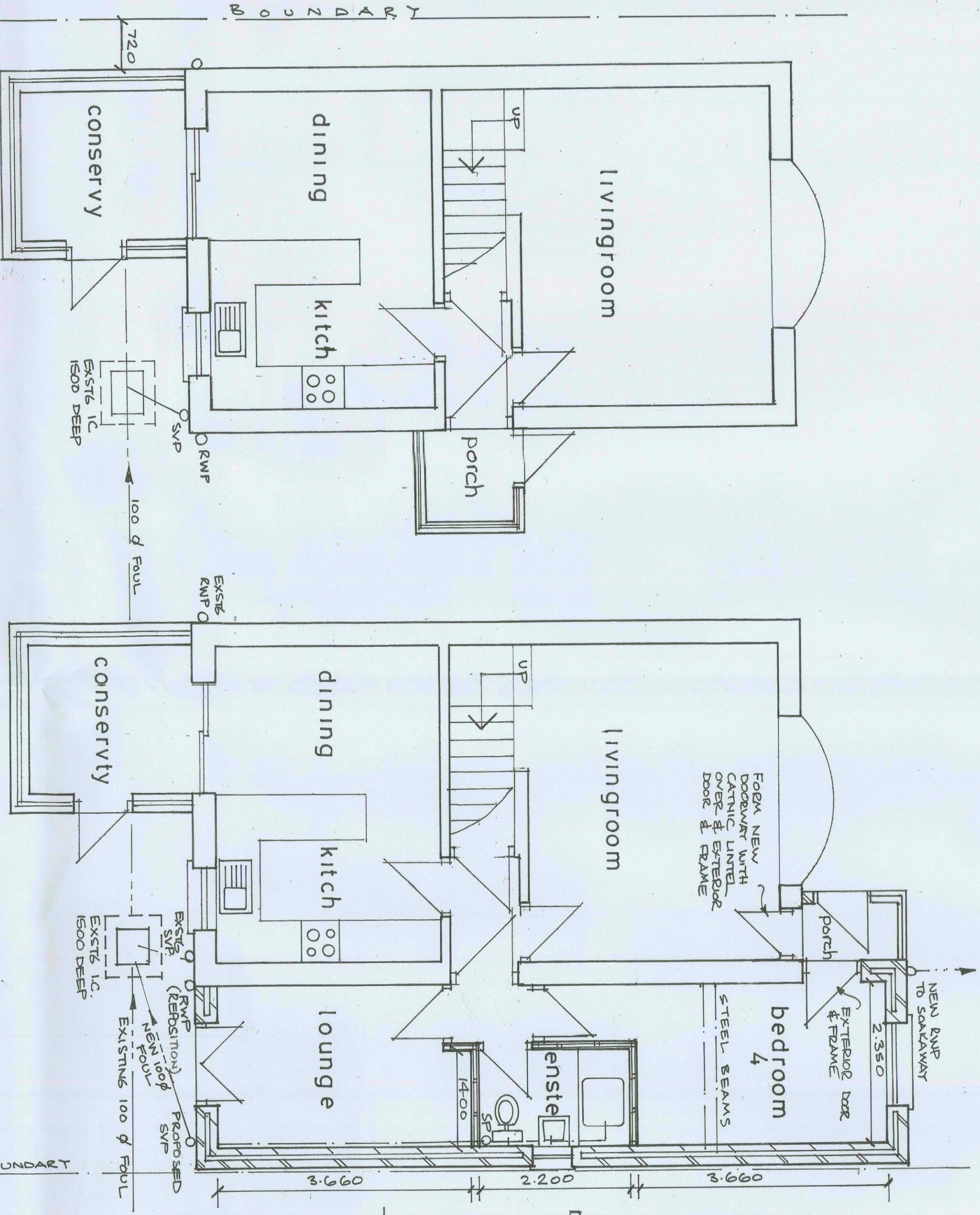
KITCHEN: vented with mechanical extractor fan of 60 litres/sec intermittent extraction rate or 30 litres/sec intermittent extraction rate if incorporated in cooker hood.

DRAINAGE: downstairs on-site connected to internal 100 waste suspended under floor space to new external SVP connected to new drain connection to existing IC; downstairs on-site waste to have a Proposed A/R-T10 air admittance valve (or similar) in accordance with manufacturer's instructions. BS EN 12280:2002 installed in new or existing external SVP as shown on plan, new SVP connected with slow radius nest bend to new drain connection, 75 deep seal traps to all appliances with 32 wastes to hand basins, 38 waste to shower/bath and 100 wastes to WCs; no waste to be connected to SVP or SP within 200 of WC connection, RWP at rear to repositioned gully or external SVP. All drains to be 100mm² and 100mm² clear height, from vegetable and flaky material, percolation test carried out to satisfaction of Local Building Inspector to prove suitability of ground; all new drain connections made using 110 diameter plastic drainage pipes and fittings to EN1401-1 with push fit joints protected by taking foundations below level of existing drains. All drains to be supported by support walls over pipe, foundations taken down to a level so that no load is transmitted adjacent foul drain.

ELECTRICS: All electrical work required to meet the requirements of Part P (Electrical Safety) will be designed, installed and tested in accordance with BS 7671 (IET Wiring Regulations) and BS 5838-6:2004. New heat detectors/alarm in kitchen and hallway fitted in accordance with BS 5838-6:2004; new heat detectors/alarm in kitchen and hallway fitted in accordance with BS 5838-6:2004; new heat detectors/alarm in kitchen and hallway fitted in accordance with BS 5838-6:2004.

PLUMBING: Central heating and domestic plumbing installed in accordance with BS 6841:2002. Radiators to be installed in accordance with BS 6841:2002. Radiators to be installed in accordance with BS 6841:2002. Radiators to be installed in accordance with BS 6841:2002.

PAINTING: All internal walls and ceilings to be painted in accordance with BS 6841:2002. All internal walls and ceilings to be painted in accordance with BS 6841:2002. All internal walls and ceilings to be painted in accordance with BS 6841:2002.



ROOF: Existing: Existing roof structure to be replaced with a new roof structure. Proposed: New roof structure to be installed. Details of roof structure, including rafters, battens, and tiles, are provided.

GLAZING: Details of glazing units, including windows and doors, are provided. Notes on glazing specifications and installation are included.

GROUND FLOOR: Details of the ground floor structure, including walls, floors, and foundations, are provided. Notes on construction materials and methods are included.

FIRST FLOOR: Details of the first floor structure, including walls, floors, and foundations, are provided. Notes on construction materials and methods are included.

VENTILATION: Details of ventilation systems, including mechanical and natural ventilation, are provided. Notes on ventilation requirements and specifications are included.

SMOKE DETECTORS: Details of smoke detector installation and requirements are provided. Notes on detector types and placement are included.

ELECTRICS: Details of electrical wiring, including lighting, power, and heating, are provided. Notes on electrical specifications and safety requirements are included.

PLUMBING: Details of plumbing systems, including water supply, drainage, and heating, are provided. Notes on plumbing specifications and safety requirements are included.

PROPOSED TWO STOREY EXTENSION at SIDE of No. 11 HEMINGFIELD ROAD, WOMBWELL, BARNSLEY
SCALES 1/100th and 1/50th at A1 (DO NOT SCALE)