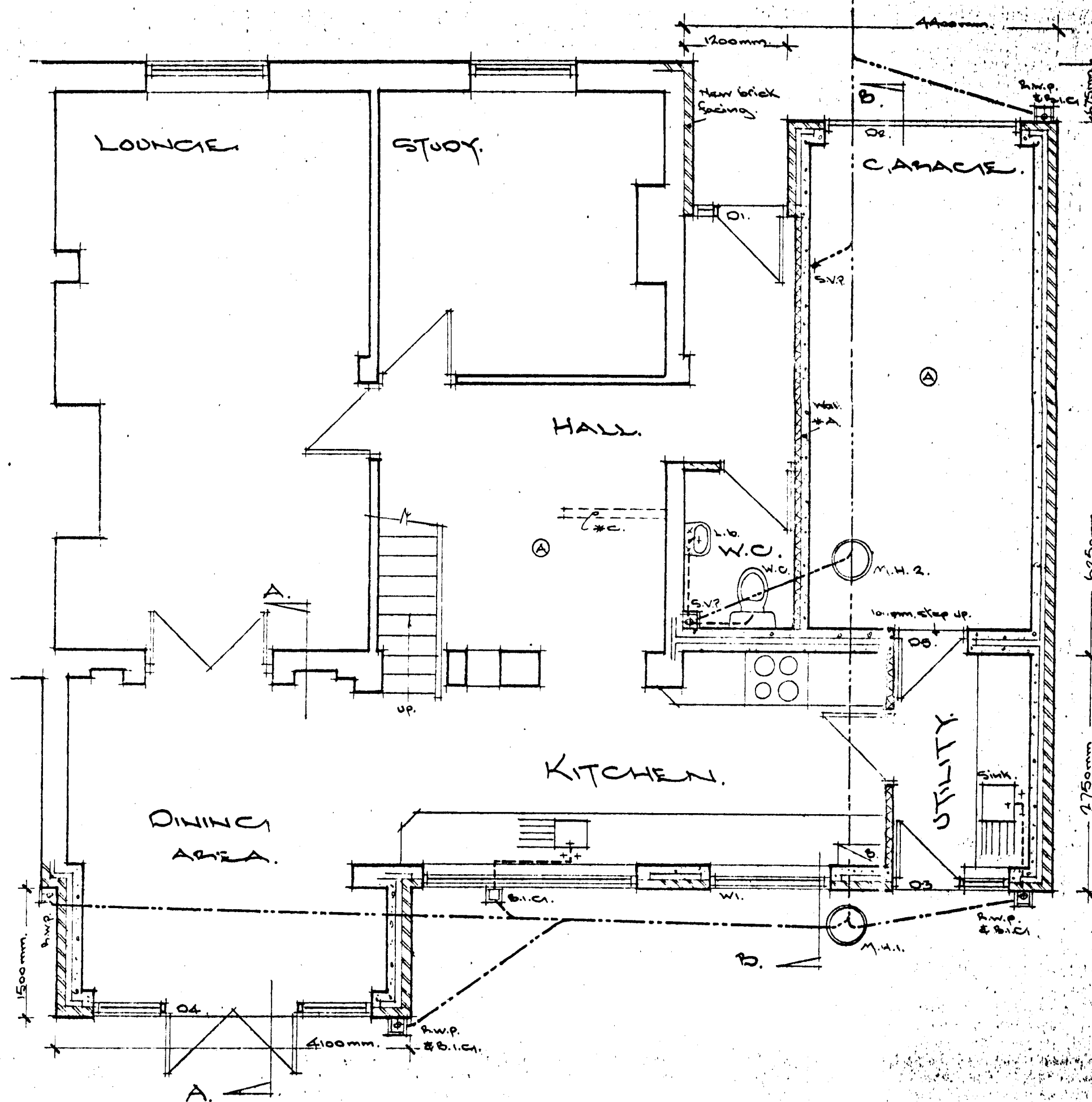
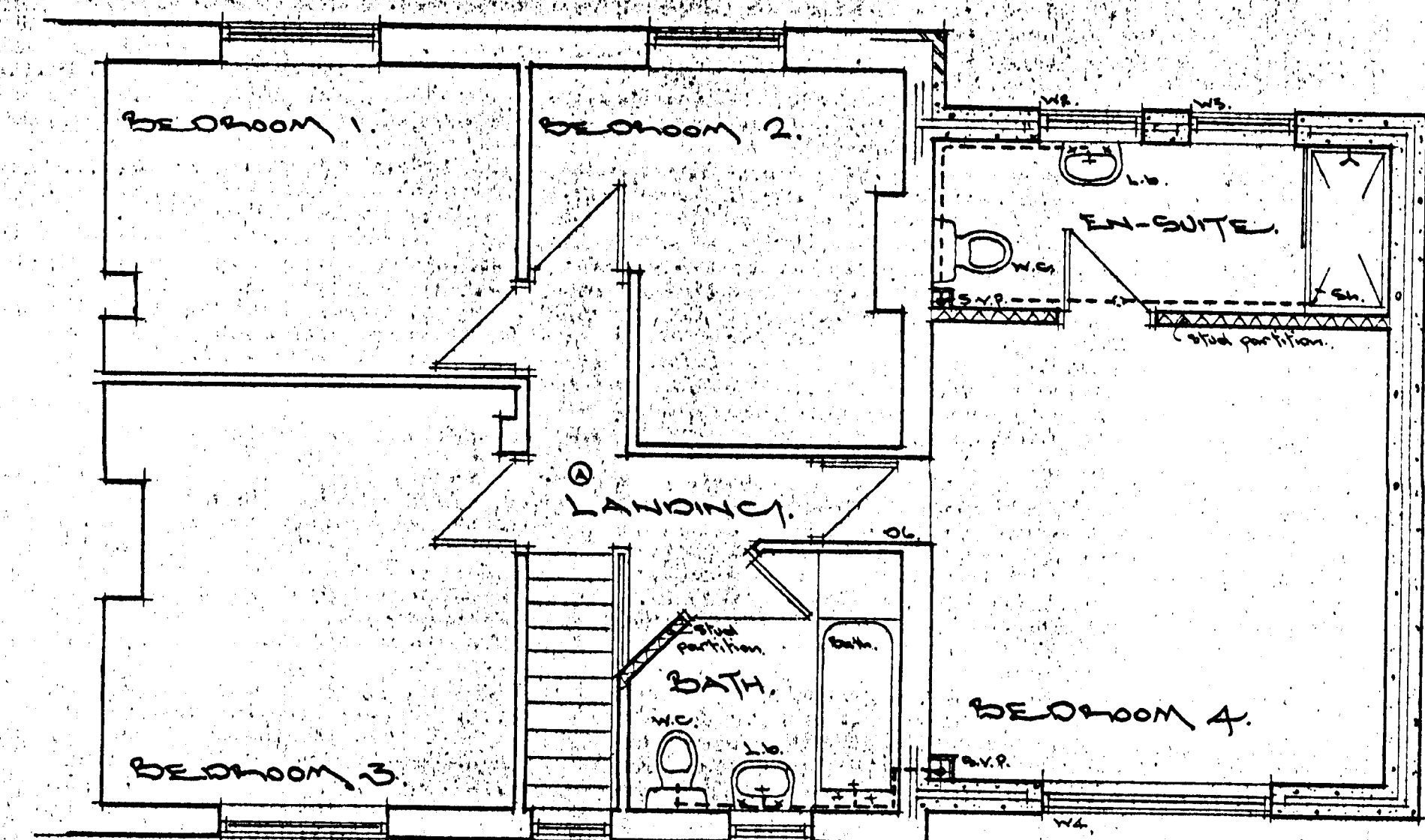




Proposed G.F. plan.

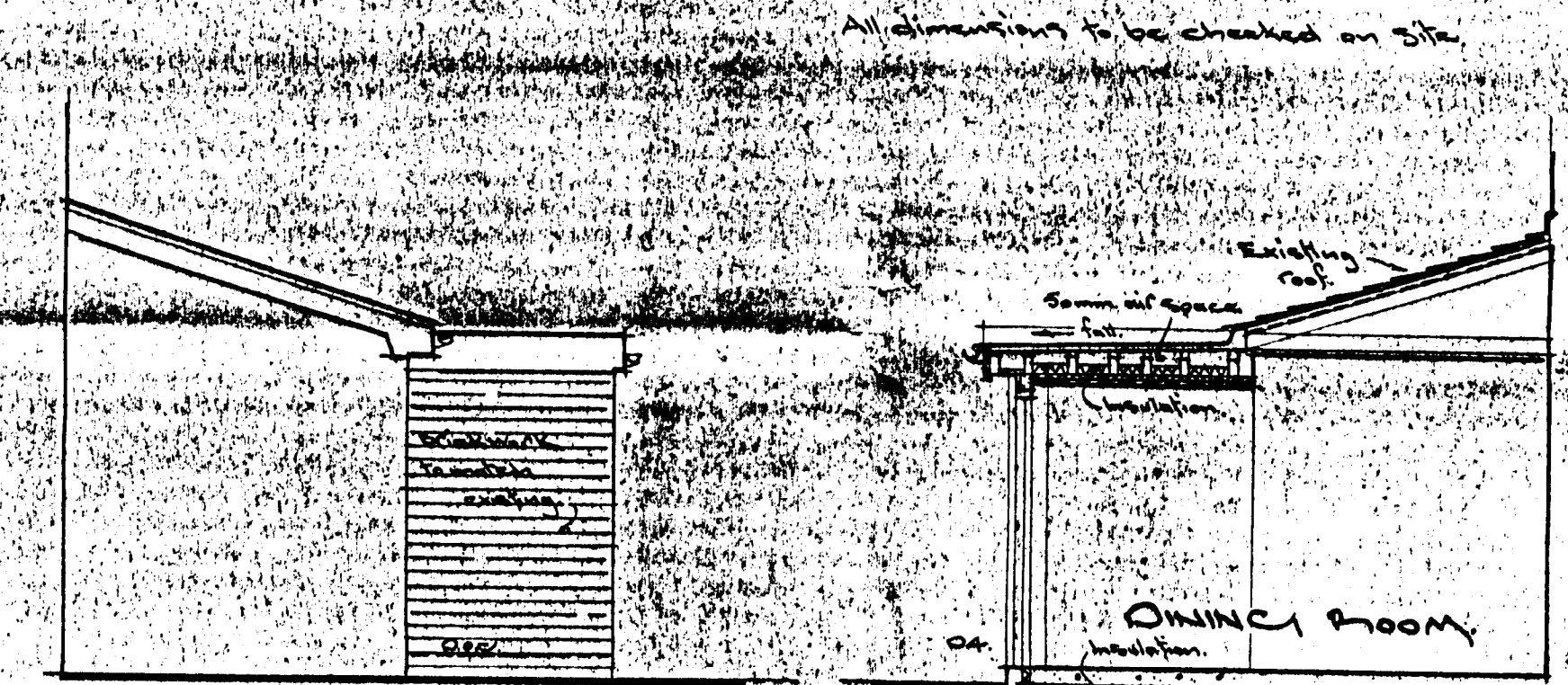
Drainage - Sinks, bath & shower to have 40mm d. waste, l.b.s to have 52mm d. waste. All to have 75mm deep seal traps. Where more than 1000 fitting on a branch 50mm d. combined waste to be used. All new drains to be 100mm d. s.g. Supersewer. Drains passing under new building to be encased in 150mm concrete. Foundations to step below invert with wall infilled over at wall cross over. New M.H. to be high density polyethylene to BS 4660 with medium duty screw down gas tight cover & frame. All to be approval of Local Authority.

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Proposed F.F. plan.

Self contained mains operated smoke alarm to BS 5446 Part 1. Detectors to be interlinked & have battery back-up.
 * C Wall removed & made good to match existing. It is assumed this to be non-load bearing to be checked on site before work proceeds.
 All carpentry timber to be Grade C24.
 All electrical work must meet the requirements of Building Regs. Part P & should be designed, installed, tested & certified by persons competent to do so. Prior to completion the I.A. should be issued with the appropriate BS7671 Electrical Installation Certificate for approval.
 Contractor to include for heating, lighting & power to clients requirements.
 All dimensions to be checked on site.



Prop. side elevation

Section A-A

Roof - Pitch 12° - rafters on 60x30mm battens on timbered breather felt on specialist roof trusses to BS 5262 & BS 5269 at 600mm centres.
 Ceiling - 15mm plasterboard on 500 gauge Visqueen vapour barrier.
 Insulation 100mm fibre glass split between joists plus 10mm P.G.P. over joists.
 Water to roof - leadland ridge tiles on battens & felt as above on 150x50mm rafters at 400mm centres.
 Ceiling - plasterboard, vapour barrier & insulation as above on 125x50mm ceiling joists at 400mm centres.
 Flat roof - Solar reflective finish on 300 layer building felt on 150mm W.B.P. ply deck on fixings on 10x60mm joists at 400mm centres.
 Ceiling - 10mm plasterboard on 500 gauge Visqueen vapour barrier on 30mm Kingspan insulation below joists plus 100mm insulation between joists.

Roof spaces ventilated via 26mm continuous eaves air gap plus proprietary ridge traps & vent tiles to give equivalent area. Minimum air space over insulation 50mm. 100 x 50 mm wall plates to be staggered 600mm down wall with 30x50mm g.v. m/s. straps at 1500mm centres.

Walls - Facing brick/100mm concrete block with render finish outer leaf - 100mm cavity with 50mm Kingspan insulation fixed to 100mm Thermalite Tervis block inner leaf with lightweight plaster finish. 5/8 twist ties at 750mm x 450mm centres. New & existing walls well keyed in & cavities to be made continuous. Cavity to be closed at top of wall & around all openings by inner leaf on insulated d.p.c. concrete cavity fill to ground level.
 Wall # A - 100mm Tervis block built of 150x200mm concrete foundation lined to Hall side with 60mm Cyploc Thermalite Super insulated wall board.

Steel partitions - 15mm Cyploc Soundblock to BS 75x60mm studs at 400mm centres with 150mm Acoustic wall fill.

Roof trusses # B - N.B. eccentric roof truss bearing condition to give different over hang to front & rear.

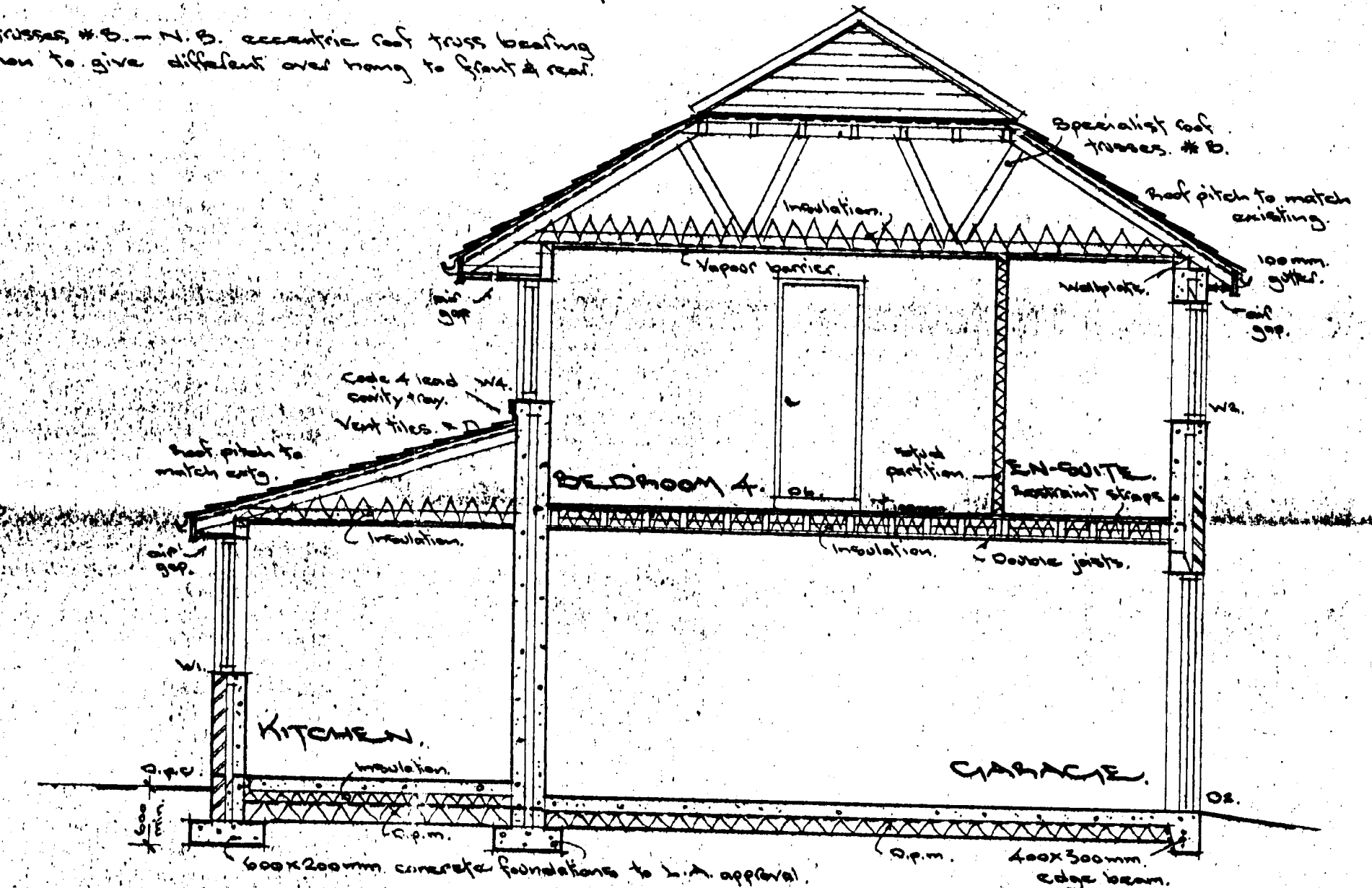
Ground floor - 100mm concrete. Slat on 500 gauge Visqueen isolating membrane on 50mm Kingspan insulation on 1200 gauge Visqueen d.p.m. on sand blinding hardcore 50mm. 0.0mm to top. 100mm d.p.c. 25mm insulation turned up slab edge at external walls & Carriage junction. (Insulation omitted to Carriage).

First floor - 22mm t.g. chipboard on 200x50mm joists at 400mm centres with 150x50mm solid studs at mid-span. Joists to be built-in 100mm solid. Joists running parallel to external walls to have 30x50mm g.v. m/s. straps fixed over 100x60mm nogging between first 300 joists plus wall pack & hooked into cavity at 1200mm centres.

Coffit - 15mm fibreboard (15mm Cyploc Wallboard to Hall & W.C.) with 100mm layer 100mm 150mm Acoustic wall plus 100mm Kingspan insulation between joists (Kingspan to Carriage area only).

All new windows to be double glazed with Low E glass in frames from FENSA free, supplied all to achieve U-value of 1.8W/m²K. Day light to equal 1/20 area plus high level controlled trickle vents of 800mm² (400mm² to en-suite & bathroom).
 Glazing shown # to be approved safety glass.
 Locks - W1, W4, W5 - Cam lock C100/100
 W1, W2, W3 - Cam lock C100/100
 W4, W5 - 150x100mm cam lock
 W6 to be 1/2 inch fire resisting self closing door with intumescent smoke seals.

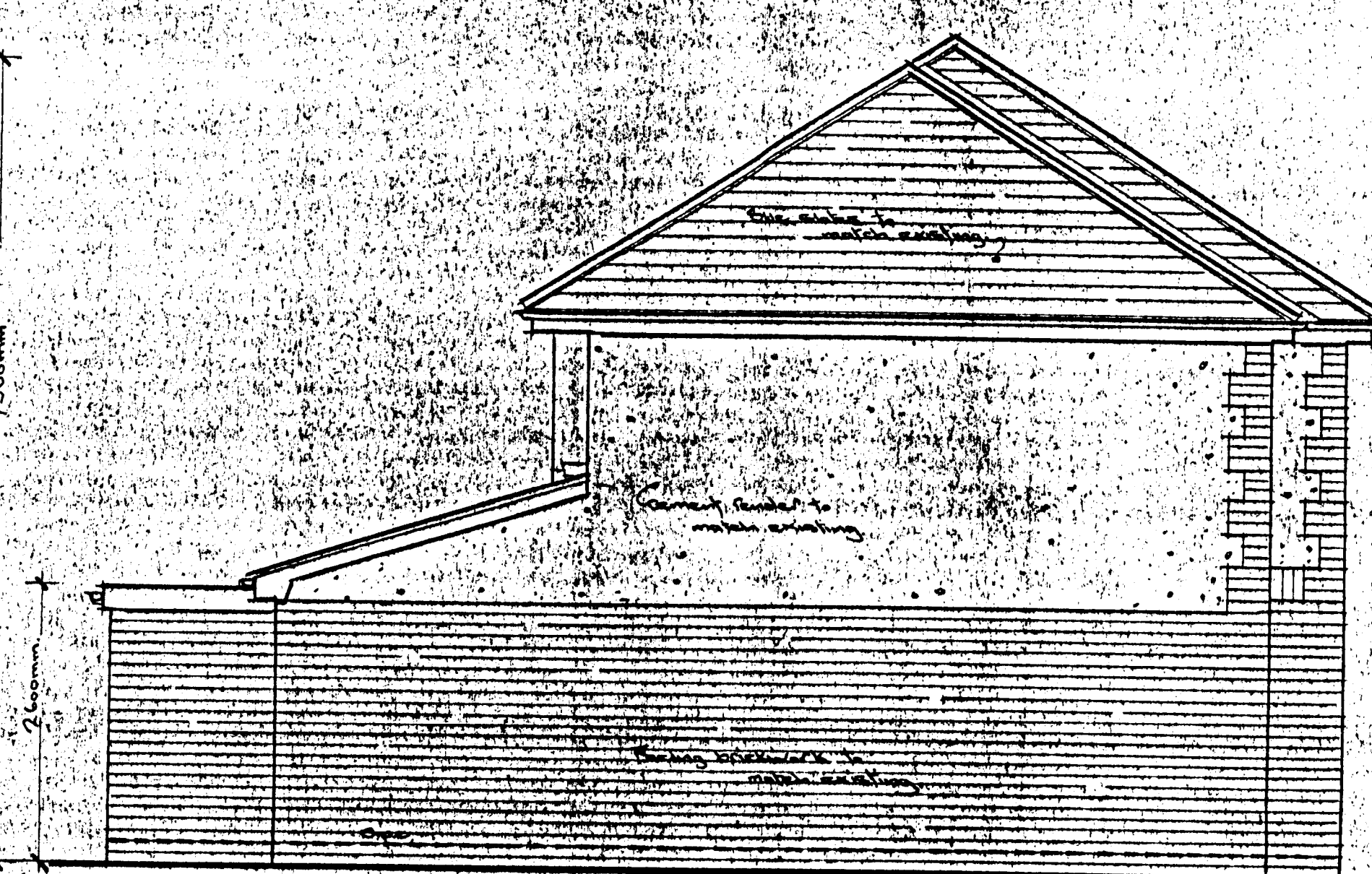
Ventilation - Kitchen to have mechanical extract with manual control to clear 60 litres/second.
 En-suite & bathroom ditto to clear 15 litres/second.
 Utility ditto to clear 30 litres/second.
 W.C. to have mechanical extract wired through light switch with 15 minute over-ride to clear 15 litres/second. Door to have 10mm gap under.



Section B-B



Proposed rear elevation.



Proposed side elevation.



Proposed front elevation.