

General Notes

Roof

concrete interlocking tiles on battens of intermediate pitch (tiles nailed at eaves & corners). Fused rafters @ 400mm c/c to conform to BS C 112, part B & connection to BS 2989, rafters to be stabilised with runs of 100x50 saw diagonal bracing fixed to ends of rafters & run from eaves to ridge on both sides. Rafters fixed to 100x50 saw wallplates. Fascia & bargeboards to be 175x25 s.w. rafters to be asbestos cement on timber batten, with support strips, 32x6 mm to be fixed to 2x3 batten at 1800mm c/c min & built into bulk of cavity ends. 100mm insulation quilt laid between rafters, roof to be permanently ventilated by Gillian Building Services proprietary vents, full length of both eaves, with 10mm gap to eave with moss wiper. vapour barrier laid to be of insulation quilt (quilt not to be clipped at eaves & gables) valley to be protected with 15mm w.p. & 10mm w.p. aluminium flashing.

Walls

external wall to be 100mm natural concrete, 50mm cavity, 90mm STYRENE Thermalite insulated block with 13mm lightweight plaster. side & gable walls to be as above with 102mm cavity block. D.P.C.'s to be provided at all closures of cavities, all cavities to be closed around openings & beam fill to eaves. cavity ties to be 250mm butterfly type of rod 500mm hor. & 450mm vert. staggered & every block course at openings.

Internal walls to be 100mm block at ground level with 12mm plaster & skim to both sides, 100x50 s.w. timber studing to ht (for level) with 12mm plasterboard & skim to both sides. floor joists to run double under partitions. Linings to be cable type filled with insulation quilt.

Drainage

100mm dia. Hazelcast flexible jointed pipes laid on & surrounded with 100mm plaster, where pipes pass within 1m of pipes to be encased in 150mm concrete. manholes to be 225mm Class B Engineering bricks on 150mm concrete base with maximum depth 1.1m. 100mm dia. S & VP to terminate with wire bedded cap 900mm above any opening light. 95mm dia. pvc wastes from bath & sink. 32mm dia. pvc wastes from toilet with anti-floc traps. All pipes & cylinder to be lagged to BS 5422: 1977.

Rev C: 2nd floor covered
Rev B: Bathroom & Utility Room

4 BEDROOMED DETACHED HOUSE WITH GARAGE

PLANS, SECTION AND ELEVATIONS

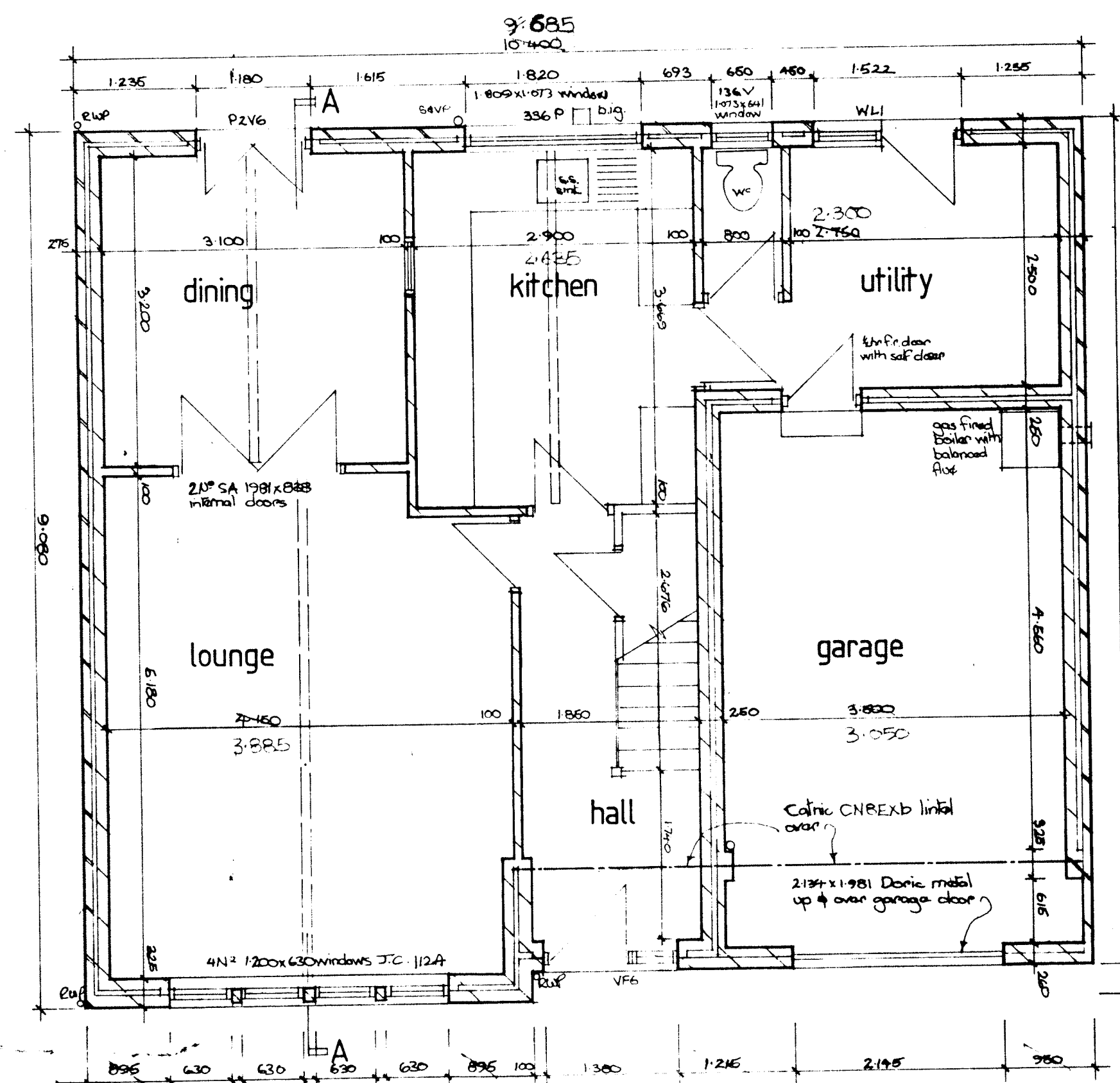
1:50 & 1:100 JULY 83

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double doors to be omitted & replaced with 1805x1073 s.w.p. window where basement is used.

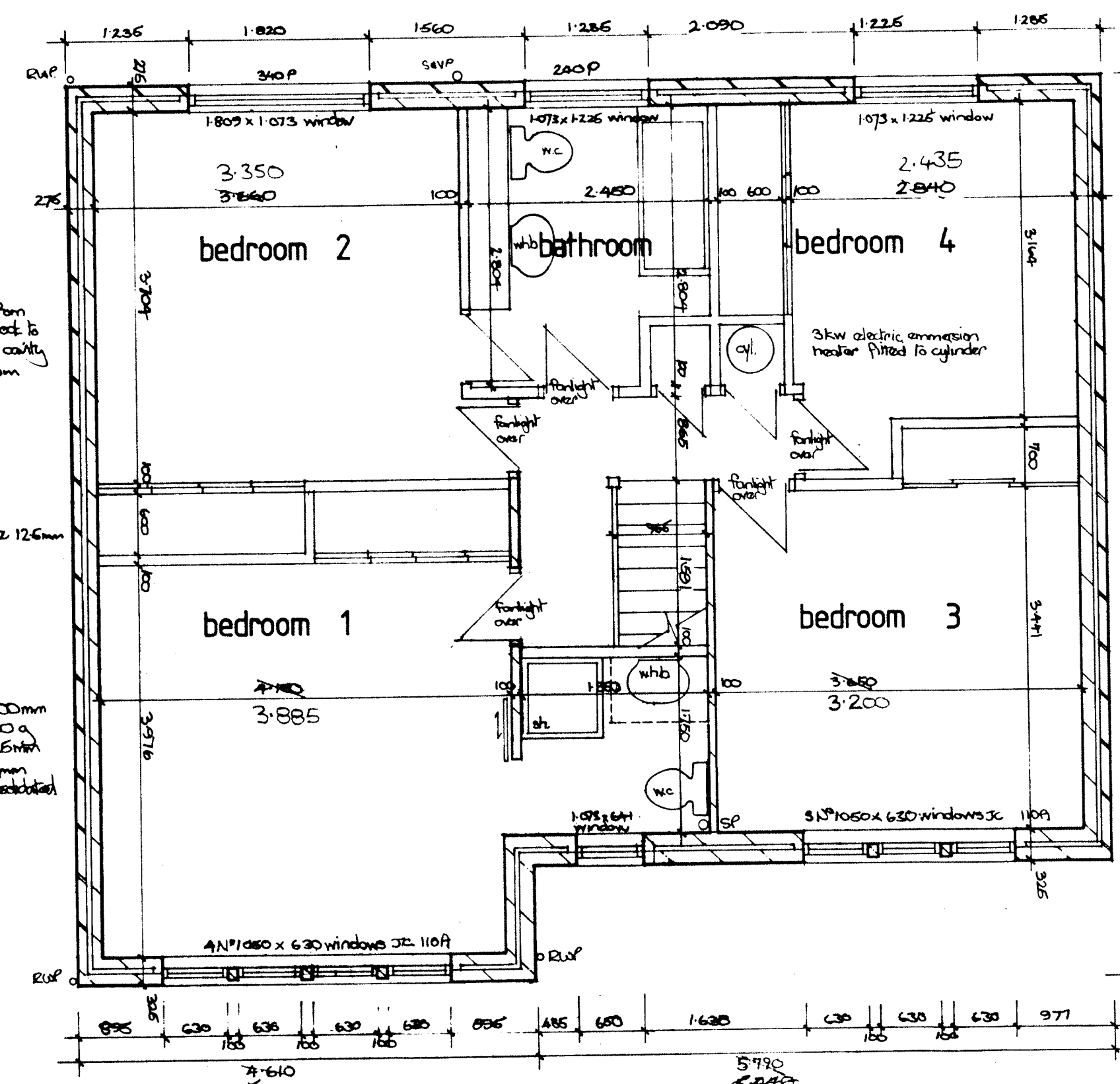


Ground Floor

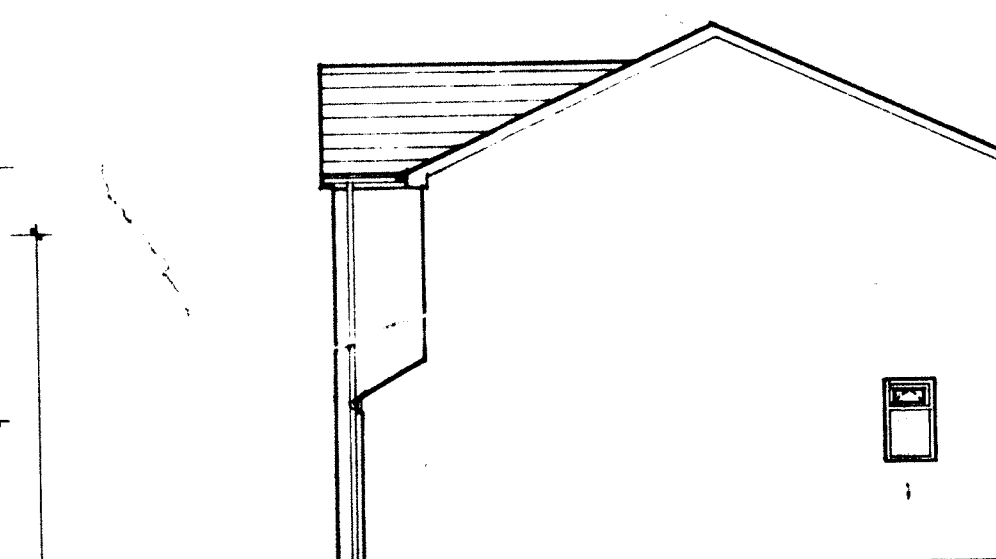
wall dividing garage from house to be 100mm block to both sides with 50mm cavity block to be 100mm Thermal solid core.

ceiling to garage to be 125mm plasterboard & skim

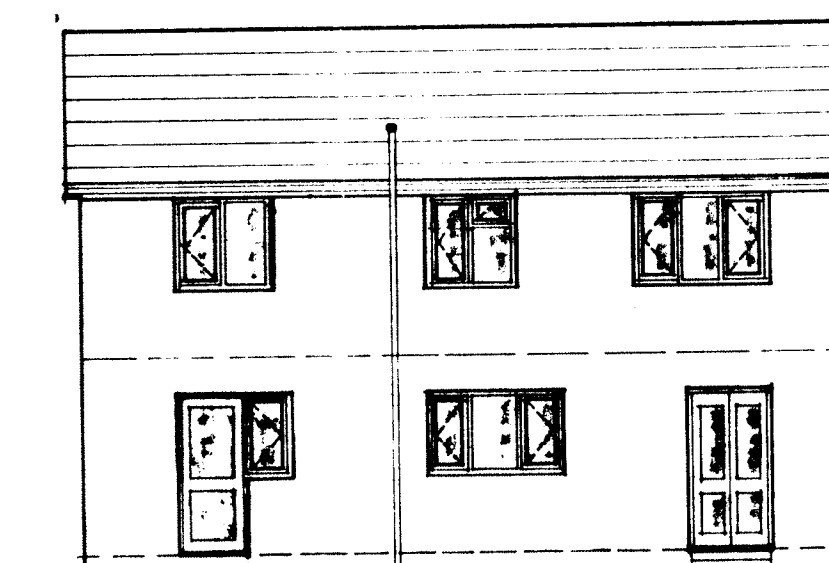
garage floor to be 100mm concrete with 2000 a. Viqueira's d.p.m. on 25mm sand blinding on 100mm subgrade (free, well consolidated hardcore).



First Floor



Side Elevation



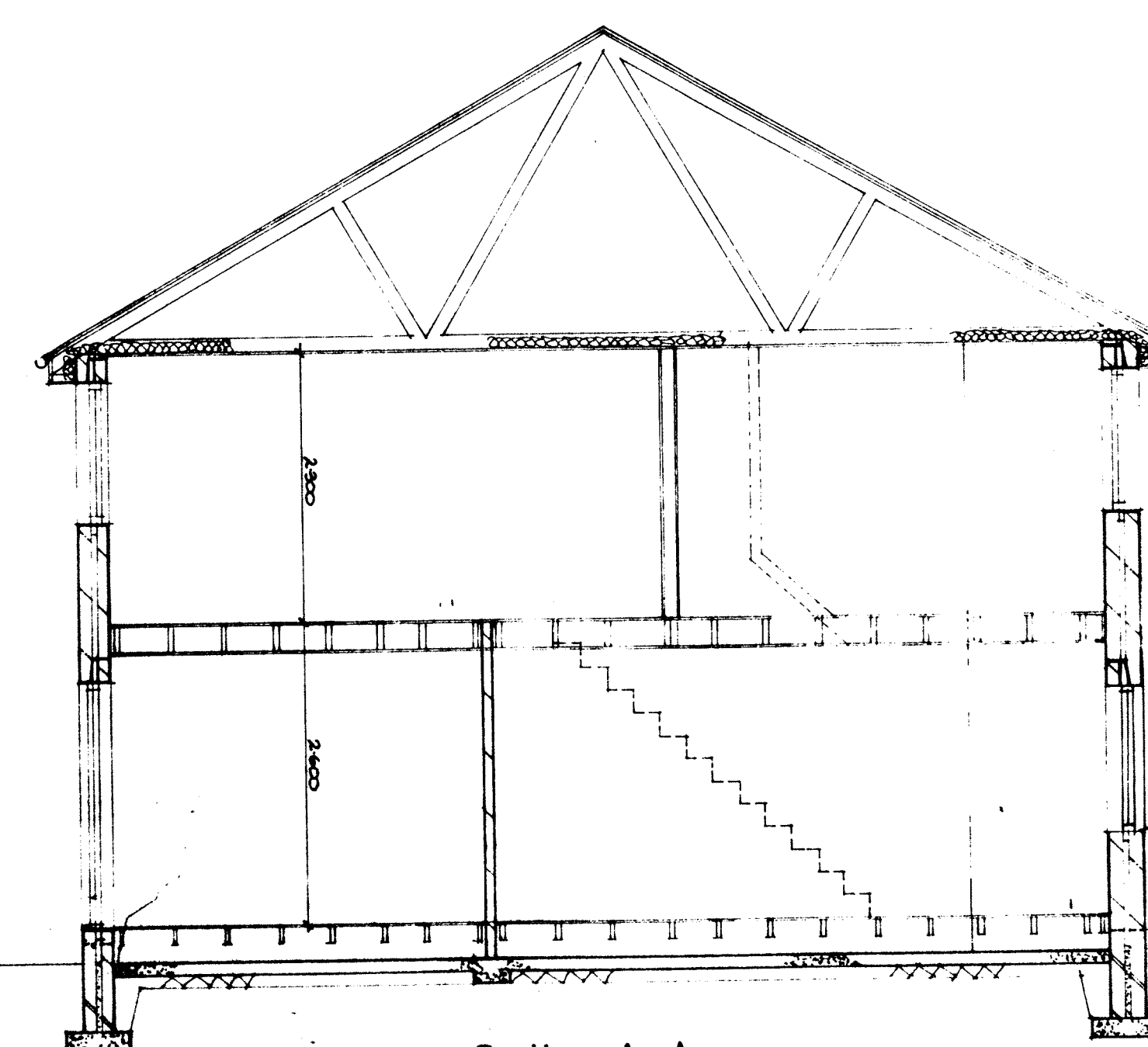
Rear Elevation

secondary roof rises 20pitch



Front Elevation

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Section A-A

First Floor
10mm floating grade chipboard on 63x200 s.w. joists (over loophole) 38x200 s.w. joists elsewhere @ 400mm c/c with plasterboard & skim ceiling joists to be fixed back to blockwork with 30x60 g.p. anchor ties @ 2m c/c over 300 joists.

Skims
max. pitch to be 42°, 13 hours, 200mm per rise, 22.5mm open, 805mm wide with handrail 800mm above pitch line & balustrade to have openings of not more than 100mm, handrail to be 2m min vertically from pitch line.

Ground Floor
13mm floating grade chipboard on 38x200 s.w. joists @ 400mm c/c on honeycomb sleeper walls on 100mm concrete base on 100mm well consolidated, sulphate free hardcore.

Foundations
100mm x 575mm strip footings min 750mm below ground level, with both sides 100mm cavity filled with waste conc. up to top. d.p.c. min 150mm above ground level. 225x75 on gables @ 1.8m c/c boxed thro with Tray type d.p.c. etc.