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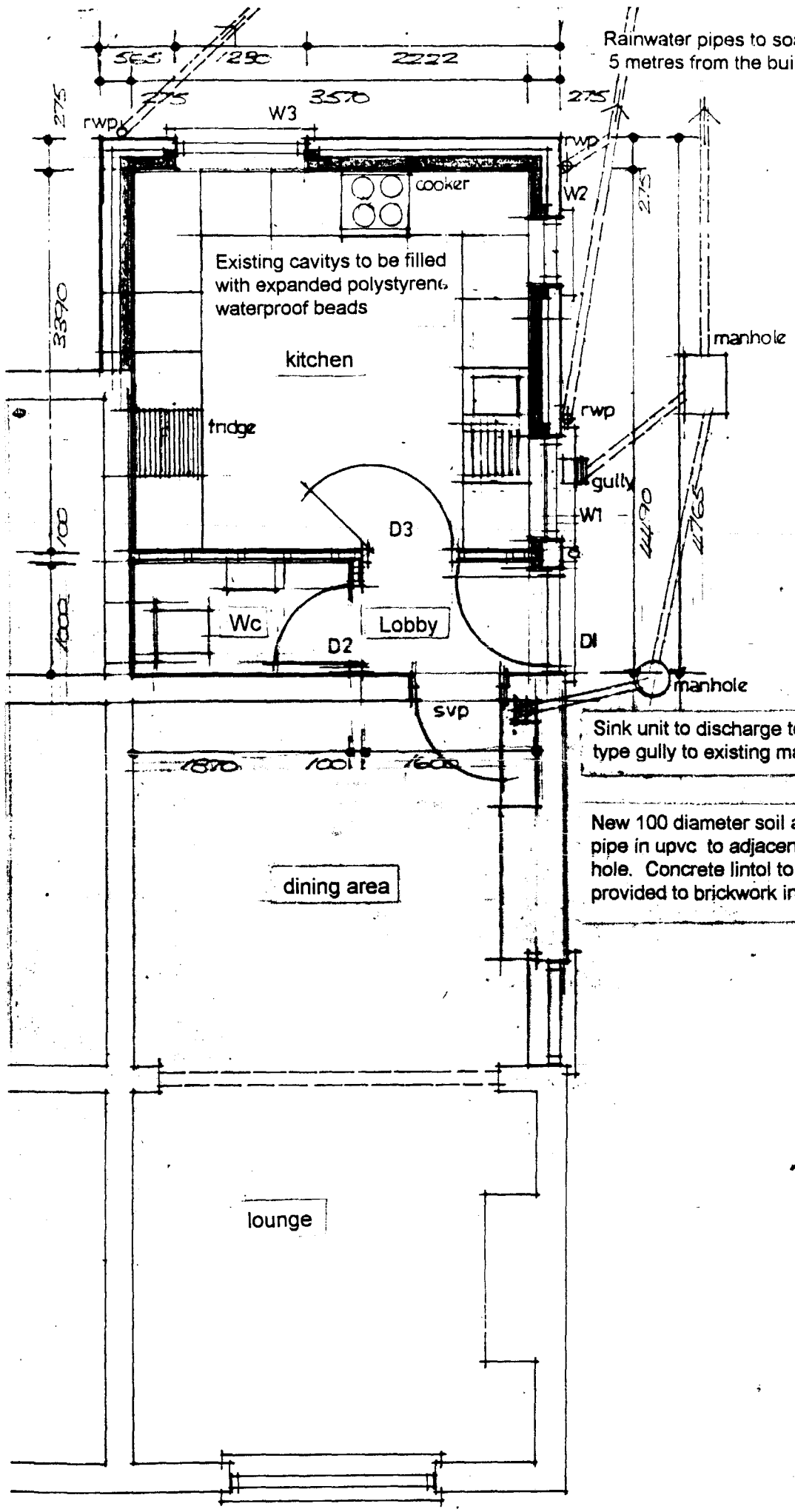
Rainwater pipes to soakaways 5 metres from the building.

Existing cavitys to be filled with expanded polystyrene waterproof beads

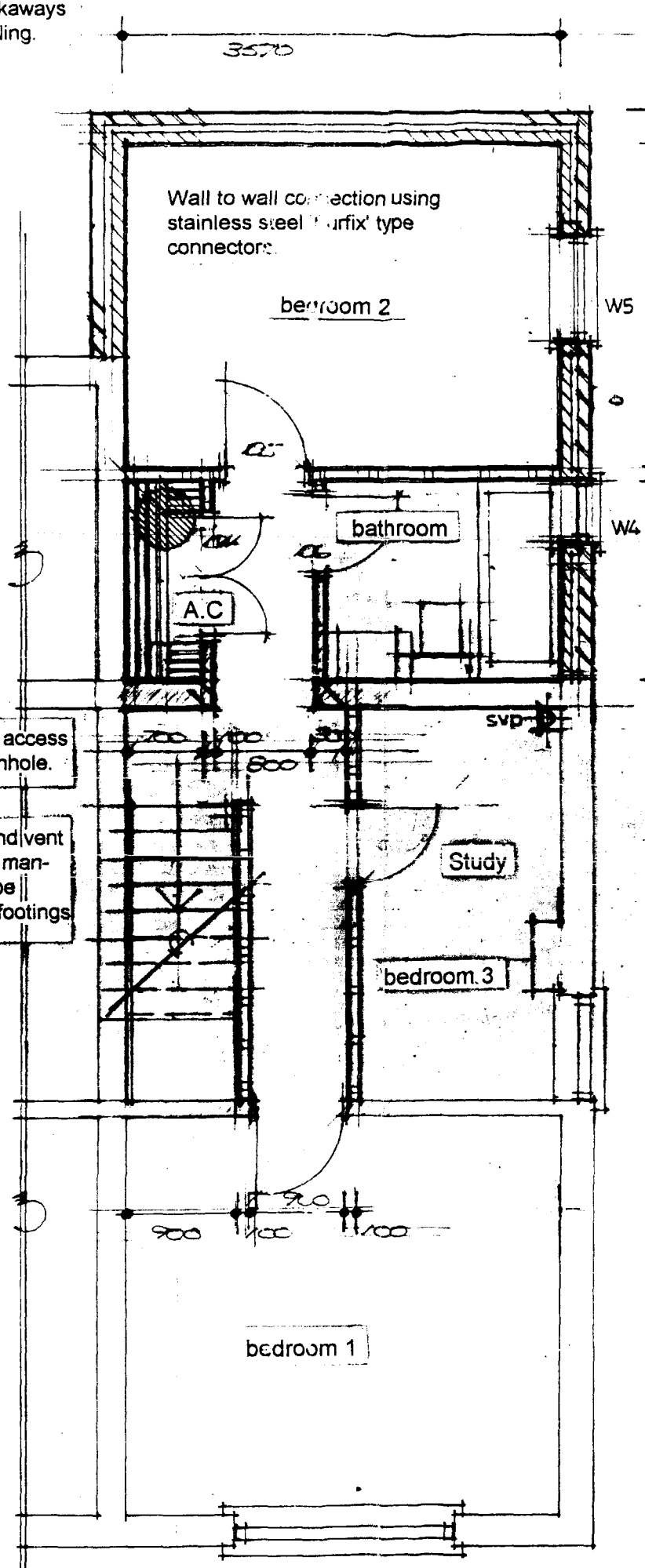
Sink unit to discharge to access type gully to existing manhole.

New 100 diameter soil and vent pipe in upvc to adjacent manhole. Concrete lintol to be provided to brickwork in footings

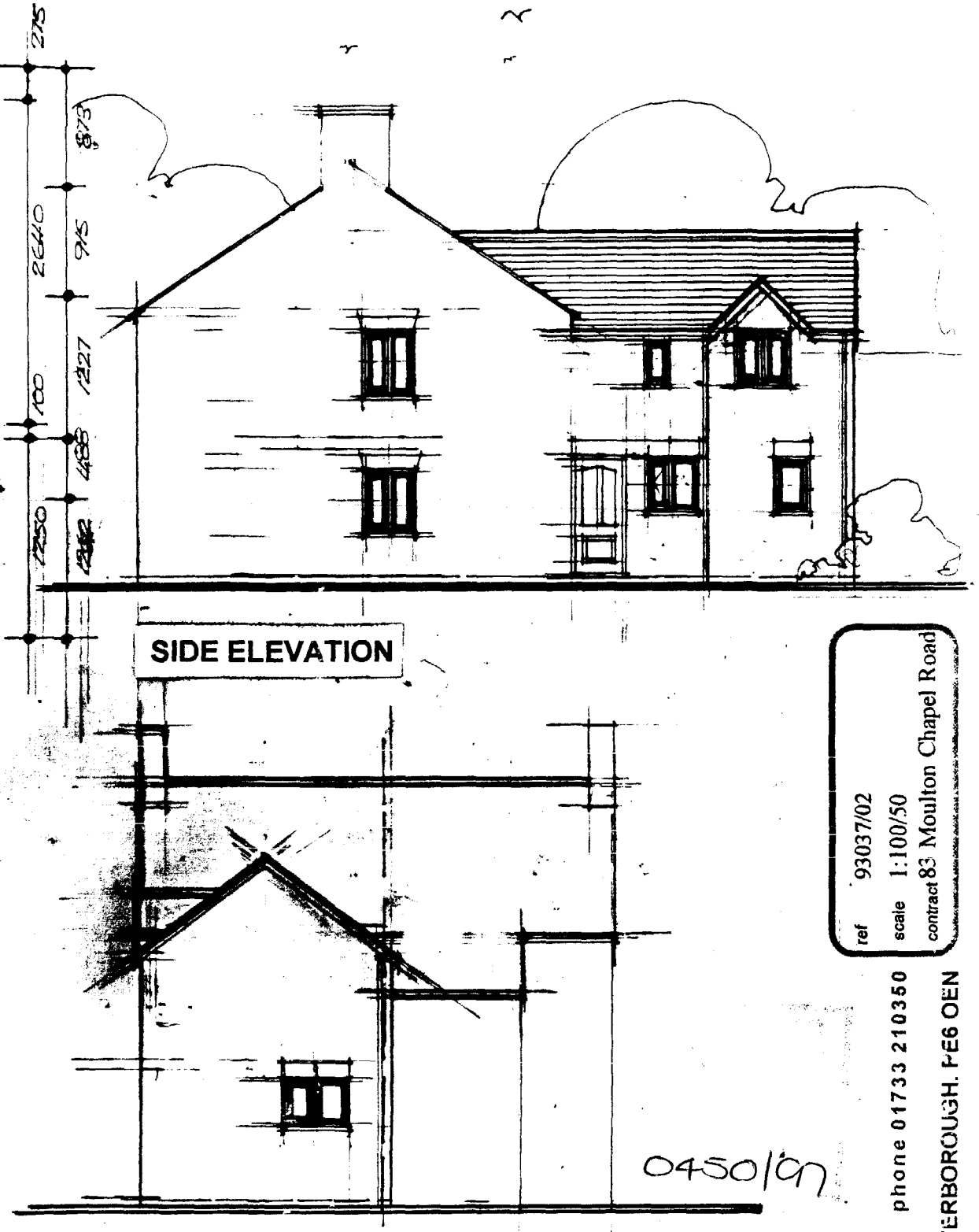
Wall to wall connection using stainless steel 'surfix' type connectors



PROPOSED GROUND FLOOR PLAN



PROPOSED FIRST FLOOR PLAN



SIDE ELEVATION

REAR ELEVATION

Window / Lintol schedule

Ref	Size	Lintol
W1	925 x 925	See D1
W2	630 x 925	L1S/70 900 long
W3	1220 x 770	L1S/70 1500 long
W4	488 x 750	L1S/70 750 long
W5	915 x 900	L1S/70 1200 long
D1	915 x 2100	L1HD/70 2400 long
D2	686	nil
D3	762	nil
D4	533 x 2	nil
D5	686	nil

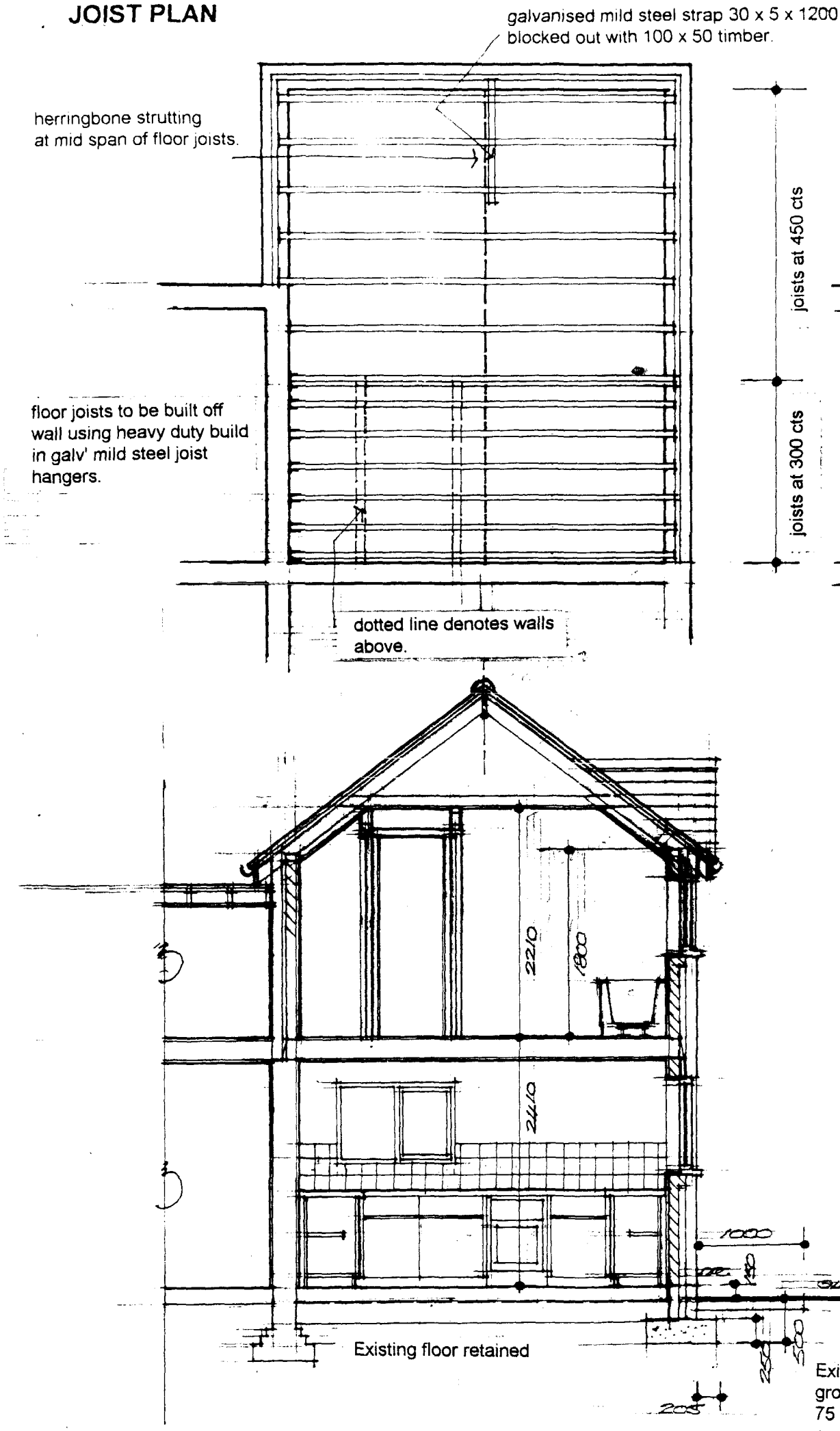
DETERMINED PLAN

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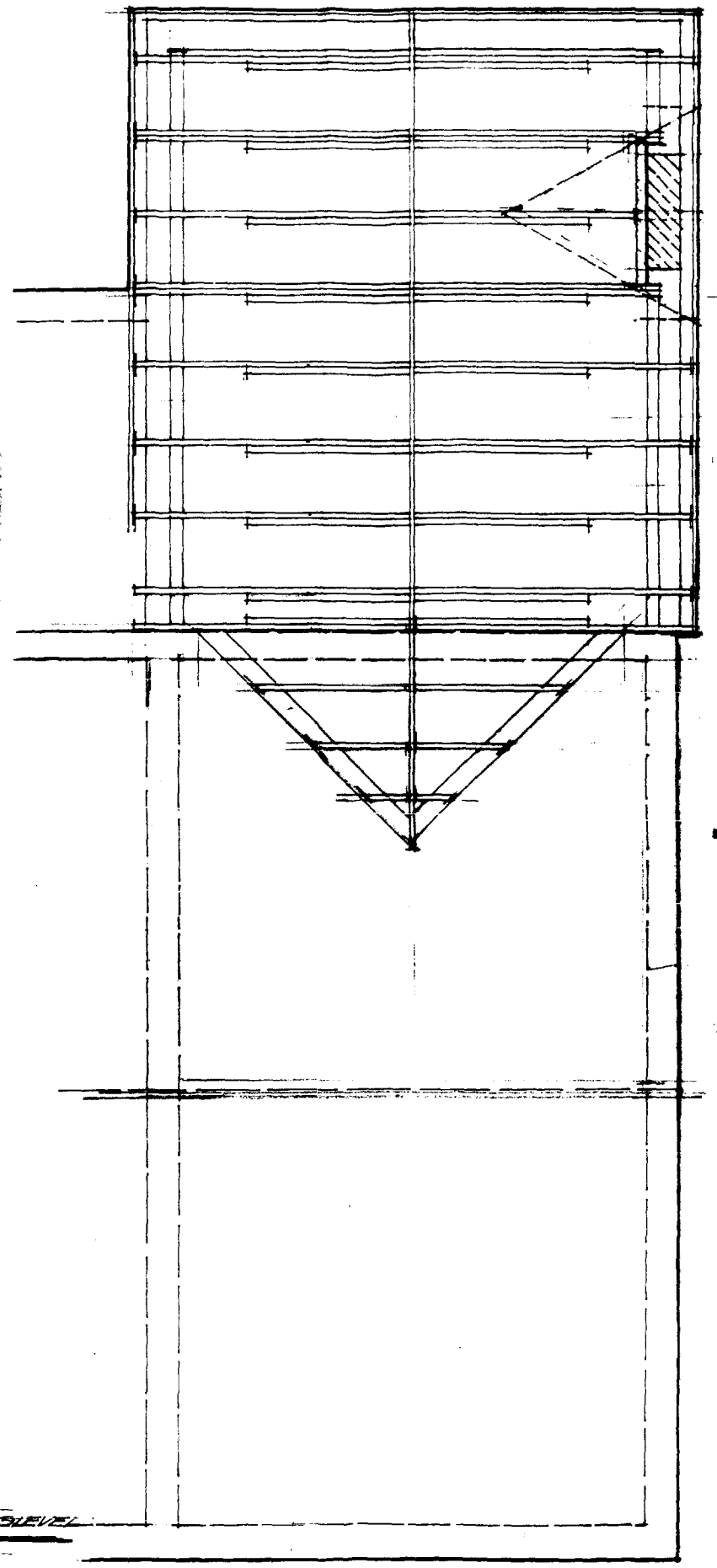
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contract 83 Moulton Chapel Road

JOIST PLAN



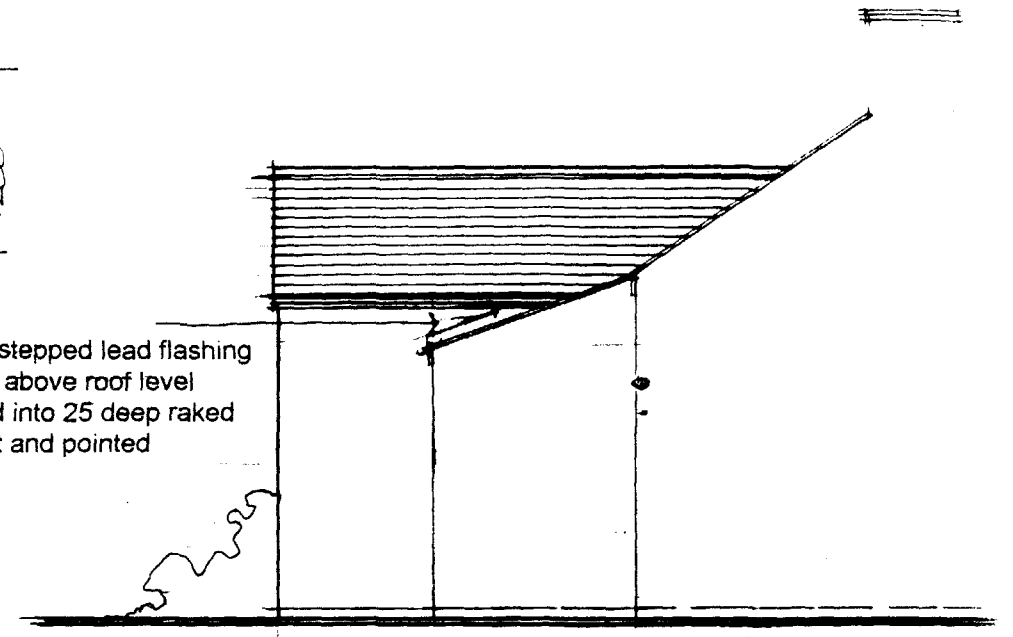
SECTION A A

Existing foundations are 500 below ground level and based on a stiff clay. 75 thick x 1000 wide footpath from ST4 concrete on 100 consolidated hardcore to be placed all around foundation as a weathering protection.



ROOF PLAN

86 Moulton Chapel Road. Cowbit. Spalding



SIDE ELEVATION 2

Roof timber sizes
All timbers SC3 grade
Rafters 150 x 50 @ 600 centres
Ceiling ties 125 x 38 @ 600 centres
Wall plate 100 x 50
Ridge 200 x 32

Rafters doubled up either side of raised dormer.
Trimmer at base of centre rafter from 150 x 63 timber

Reducing valley details
All timbers SC3 grade
Rafters 150 x 50 @ 450 centres
Lay board 225 x 38
Ridge 200 x 32

Small raised dormer timbers
Rafters 100 x 50 at 400 centres
Ridge 150 x 32
Lay board 175 x 38

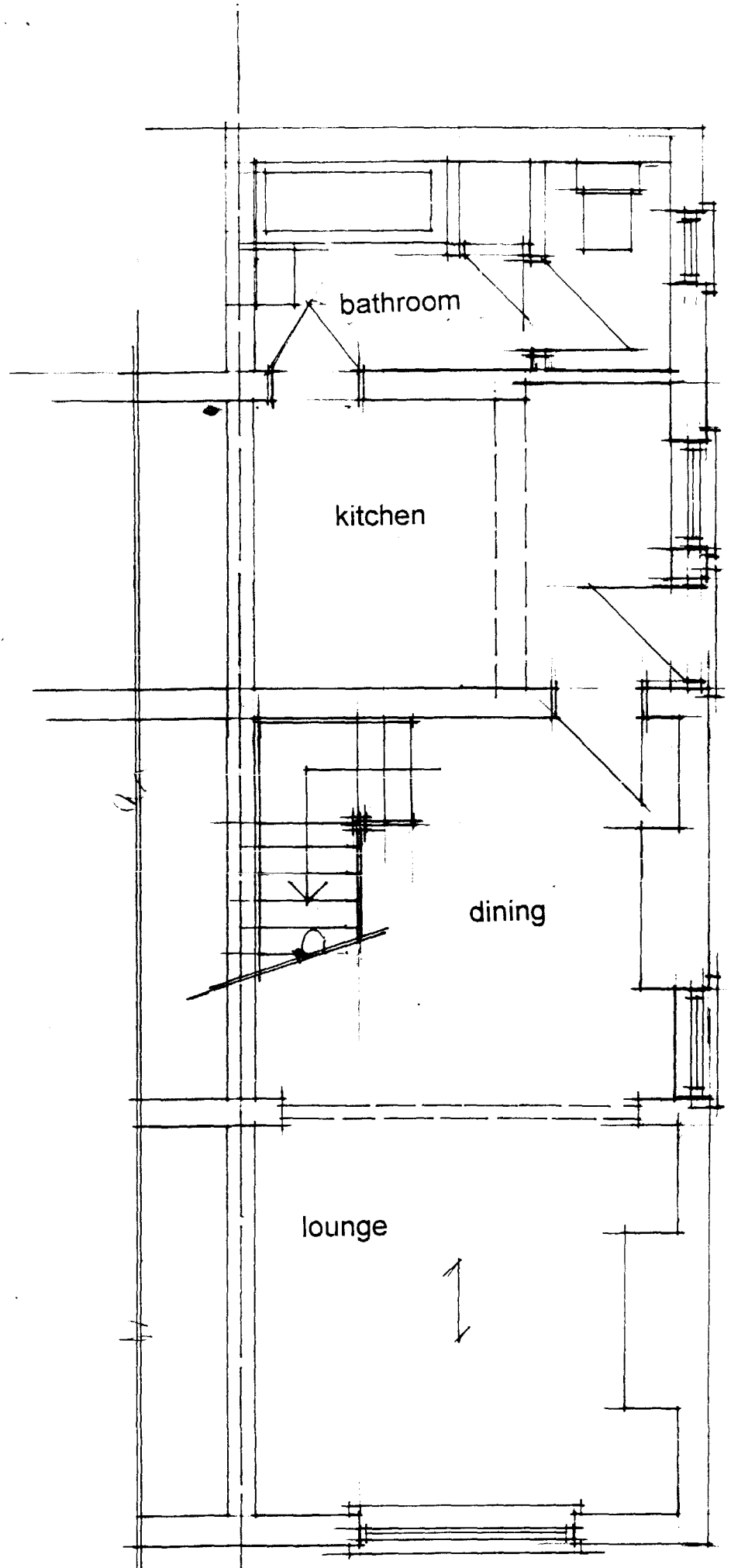
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Ventilation to the sloping ceiling is achieved using 100 fibreglass between the 150 deep rafters together with a thermal laminate of 50 Gyproc Thermal Board on the rafter face thus achieving **0.25w/sq m/k** U value.
The specification as outlined above together with a 150mm deep rafter retains a 50mm air gap.
At ridge level a continuous ventilated dry ridge is used. At eaves level a plastic ventilator type Glidevale RV625F (which achieves a ventilation rate of 25,000 sq mm per metre) is used and is designed for open soffites & has an integral fly screen.

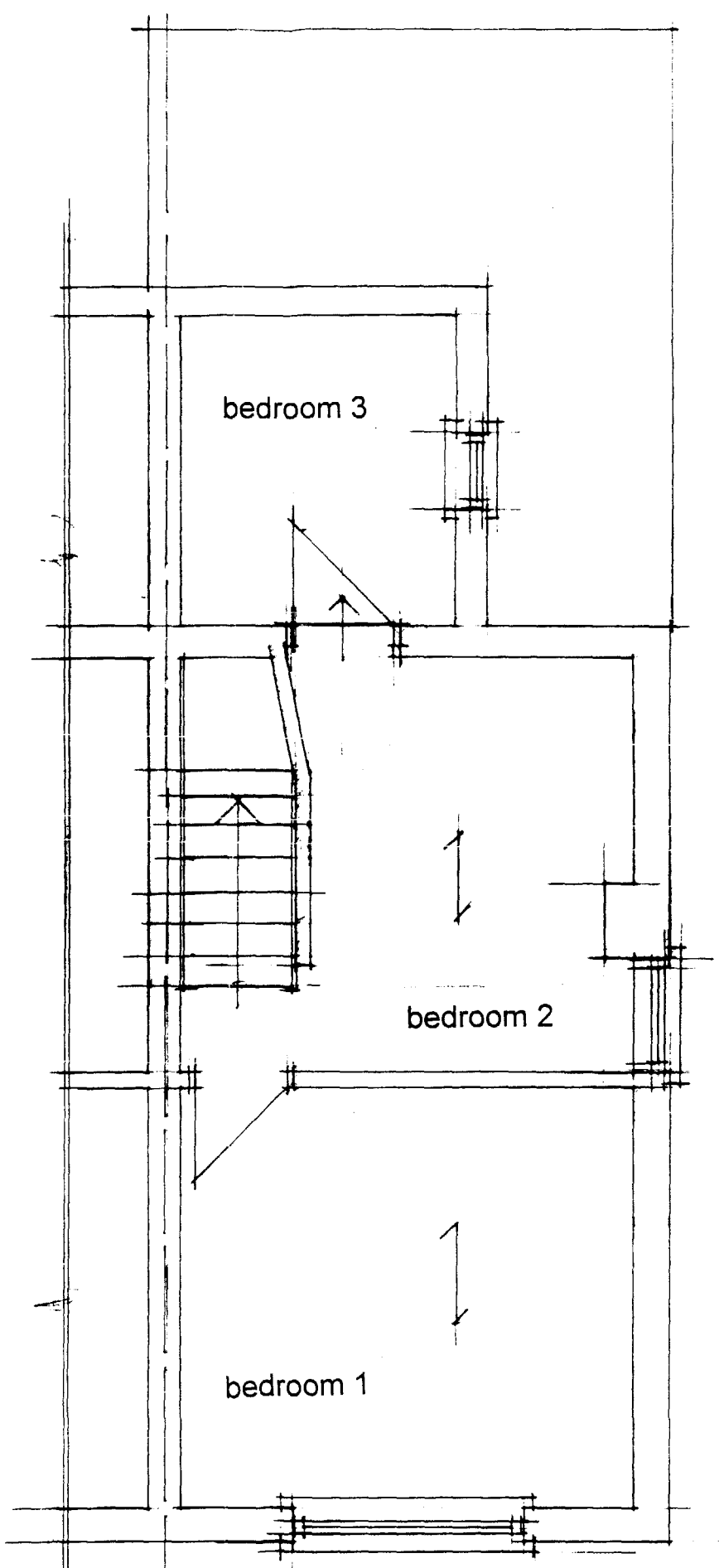
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EXISTING GROUND FLOOR PLAN



EXISTING FIRST FLOOR PLAN

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drawing ref EXISTING PLANS
scale 1:50
contract