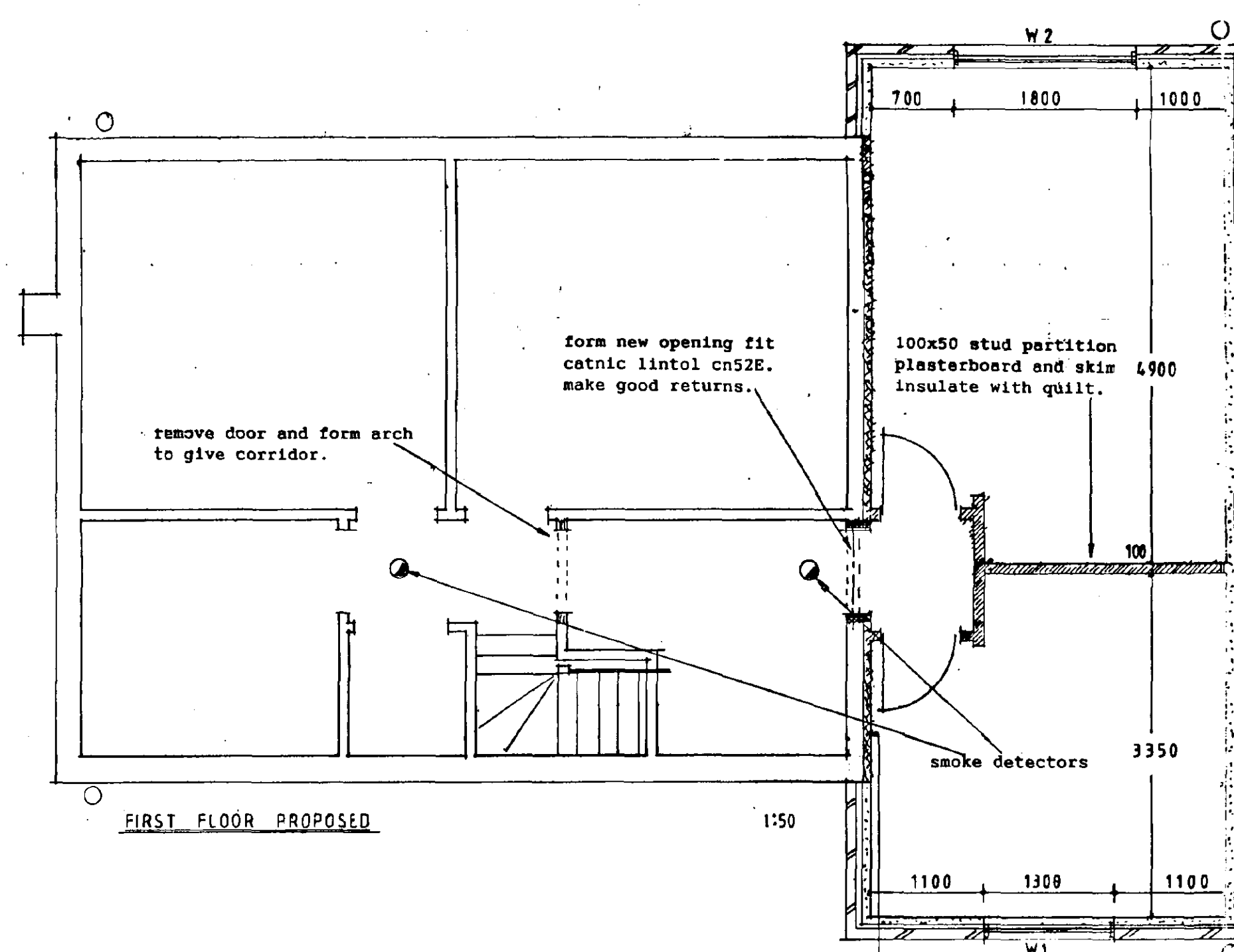
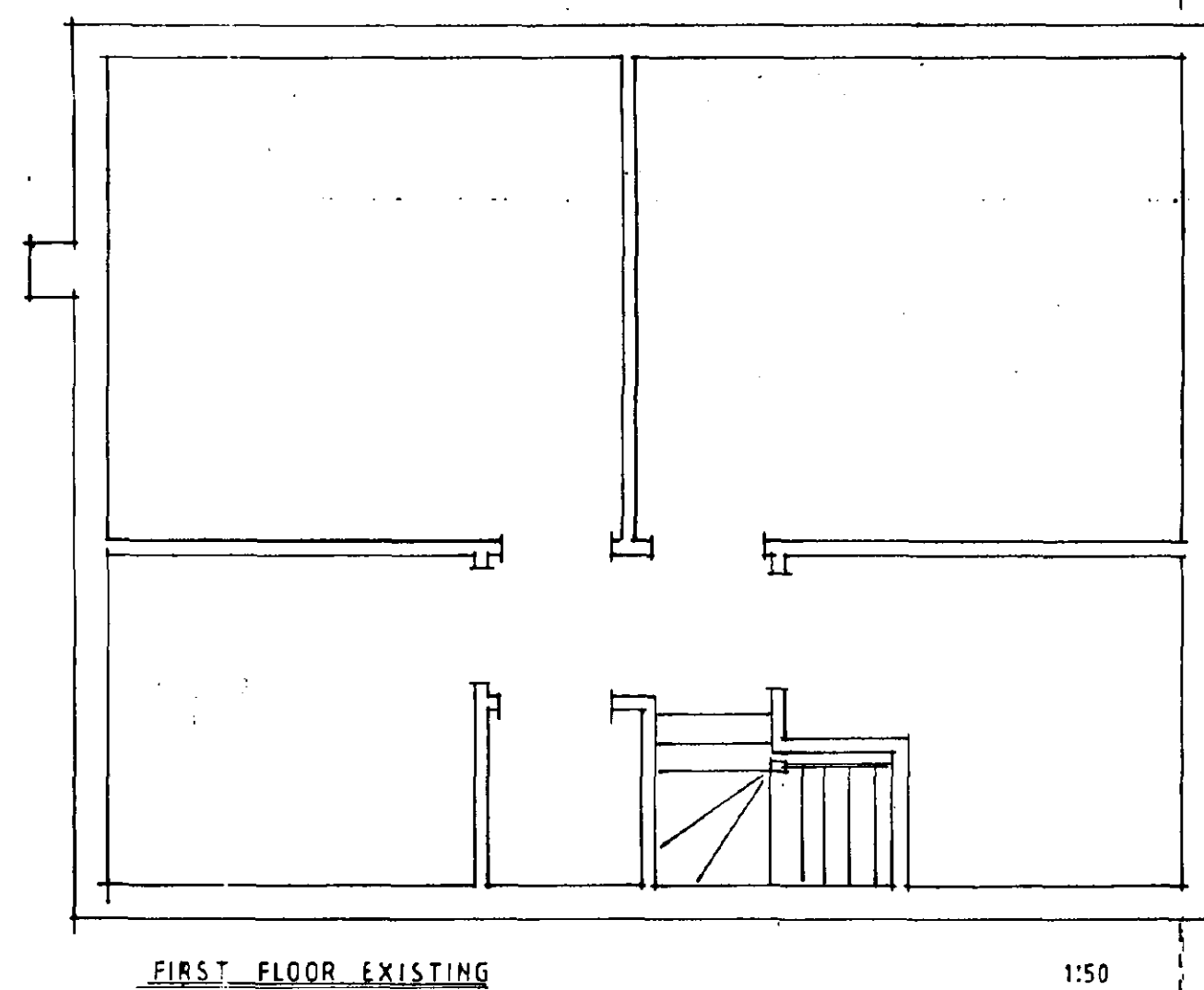
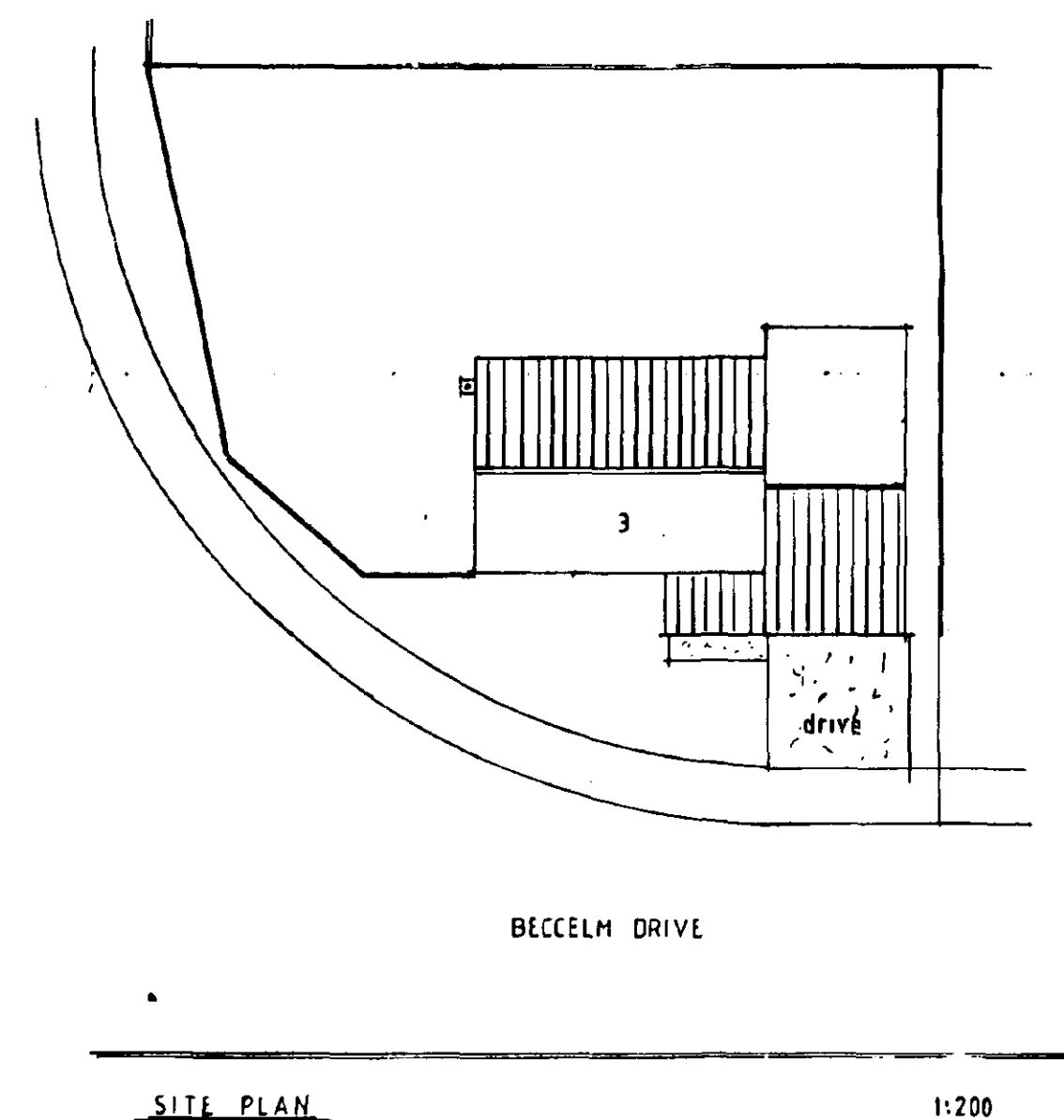
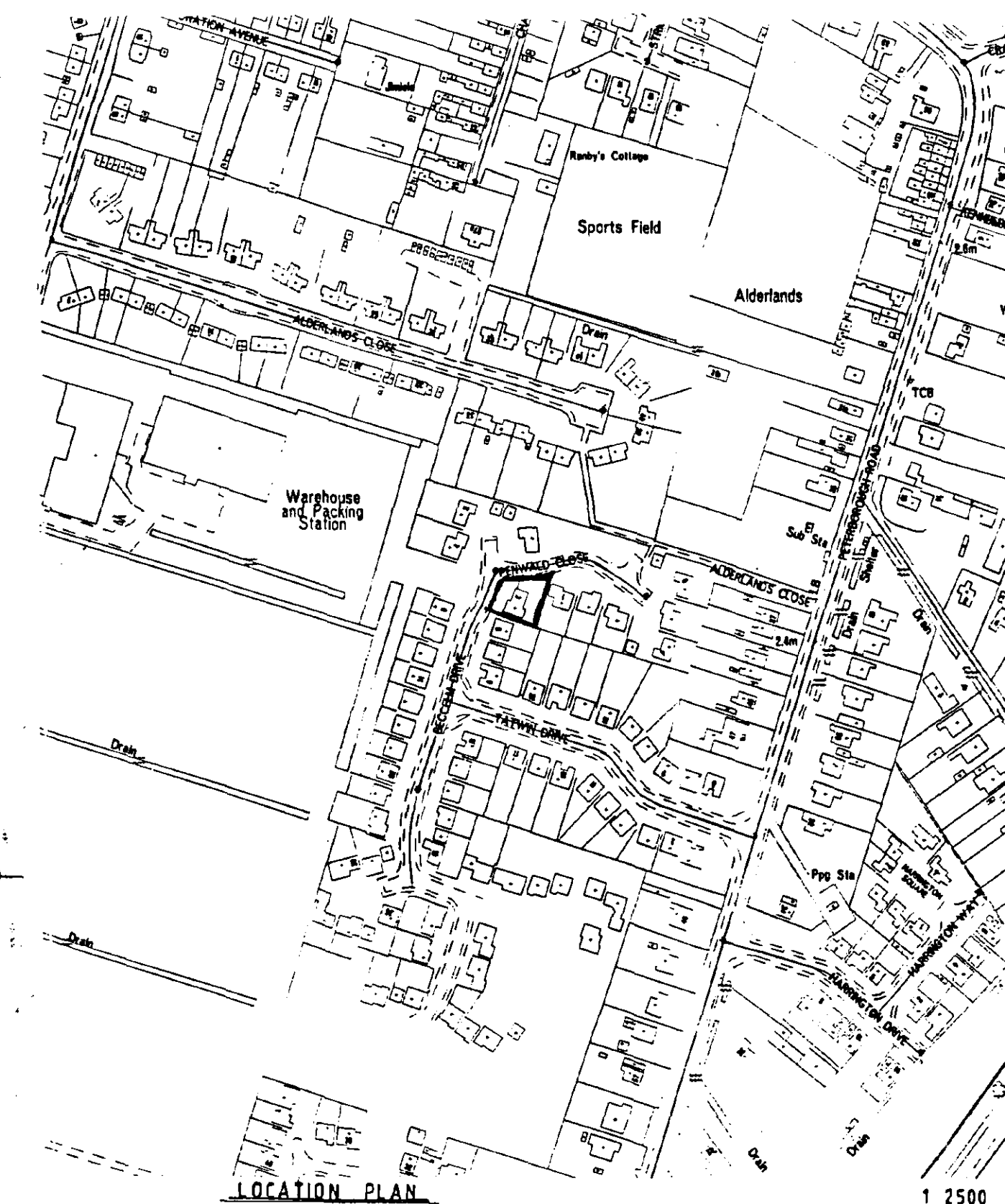
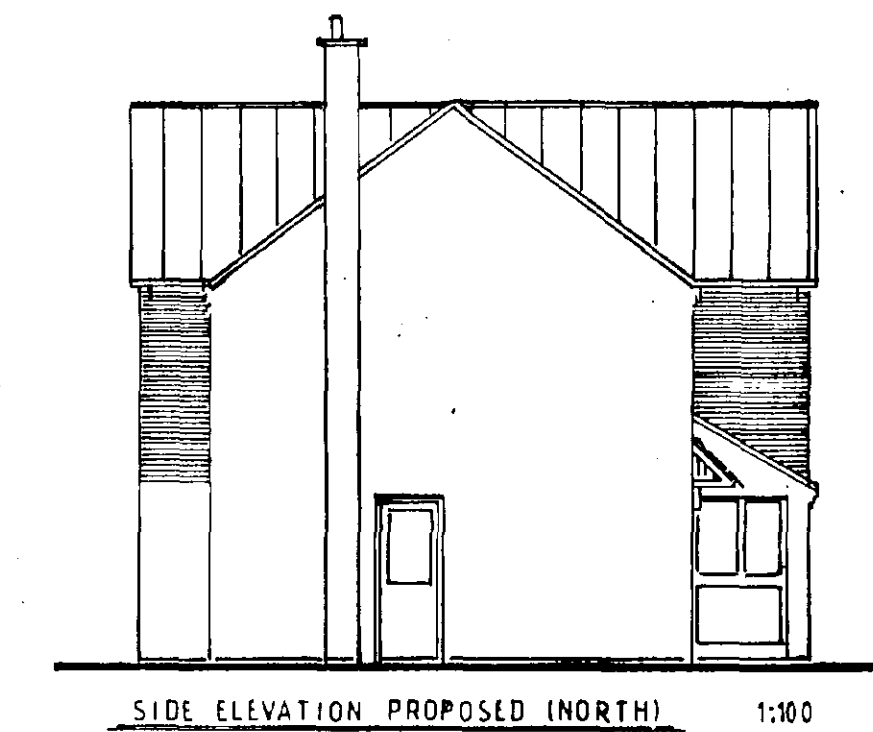
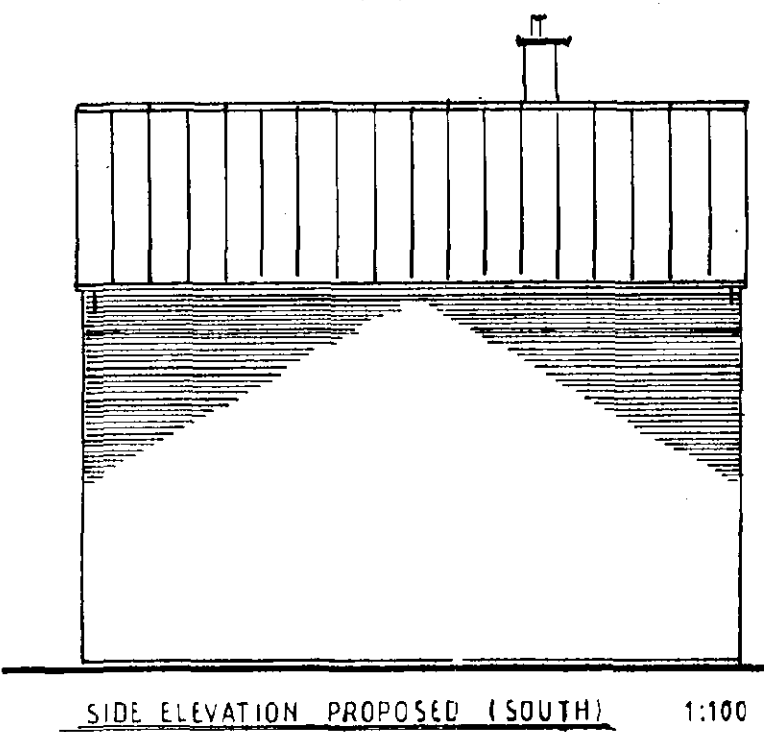
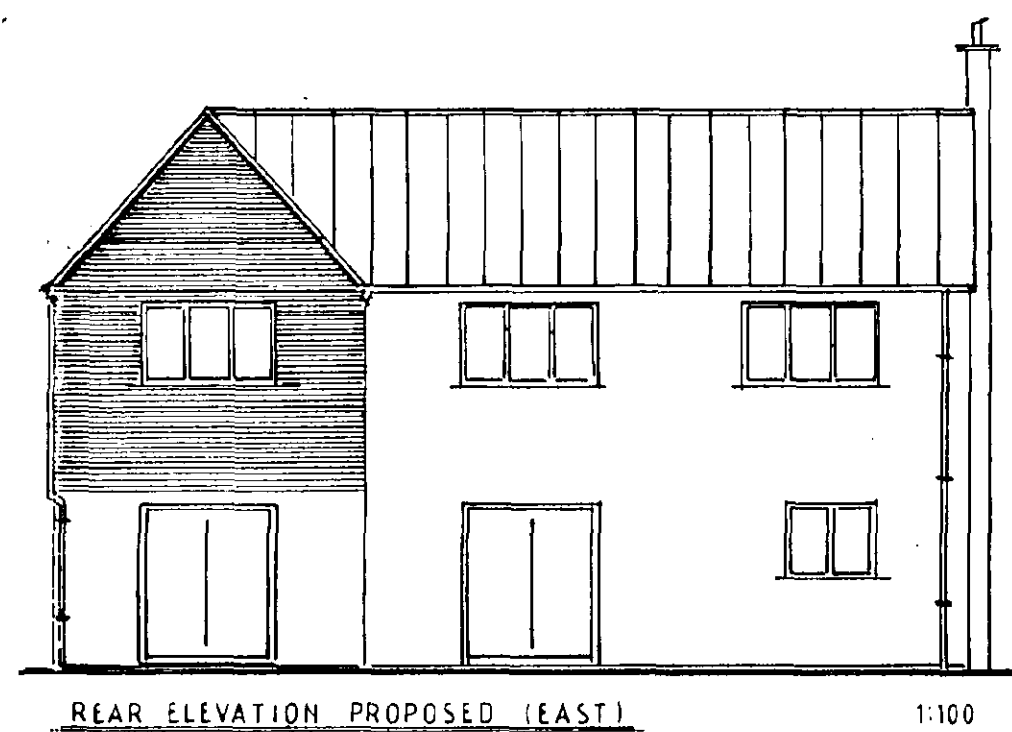
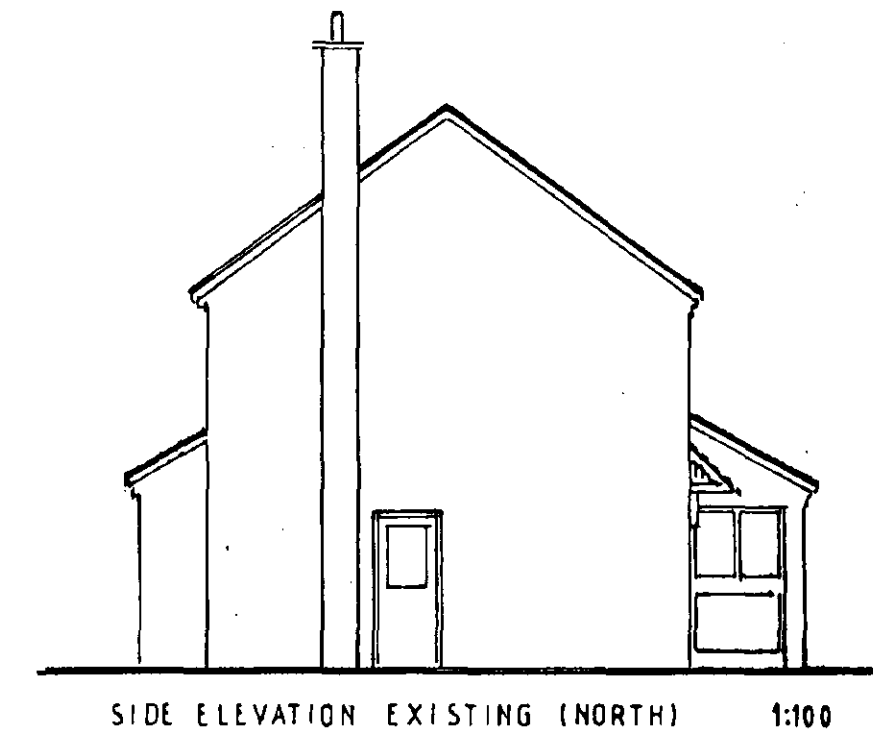
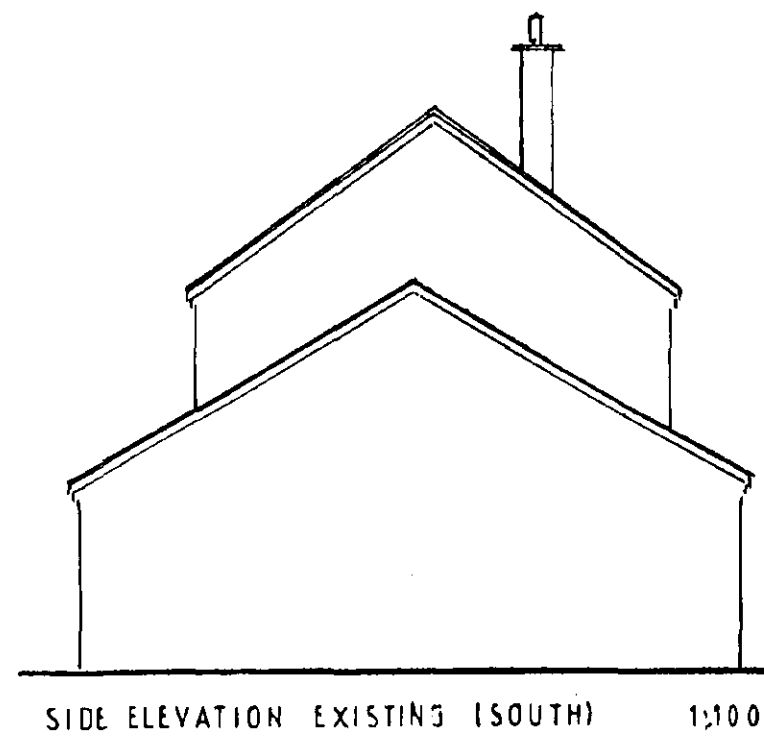
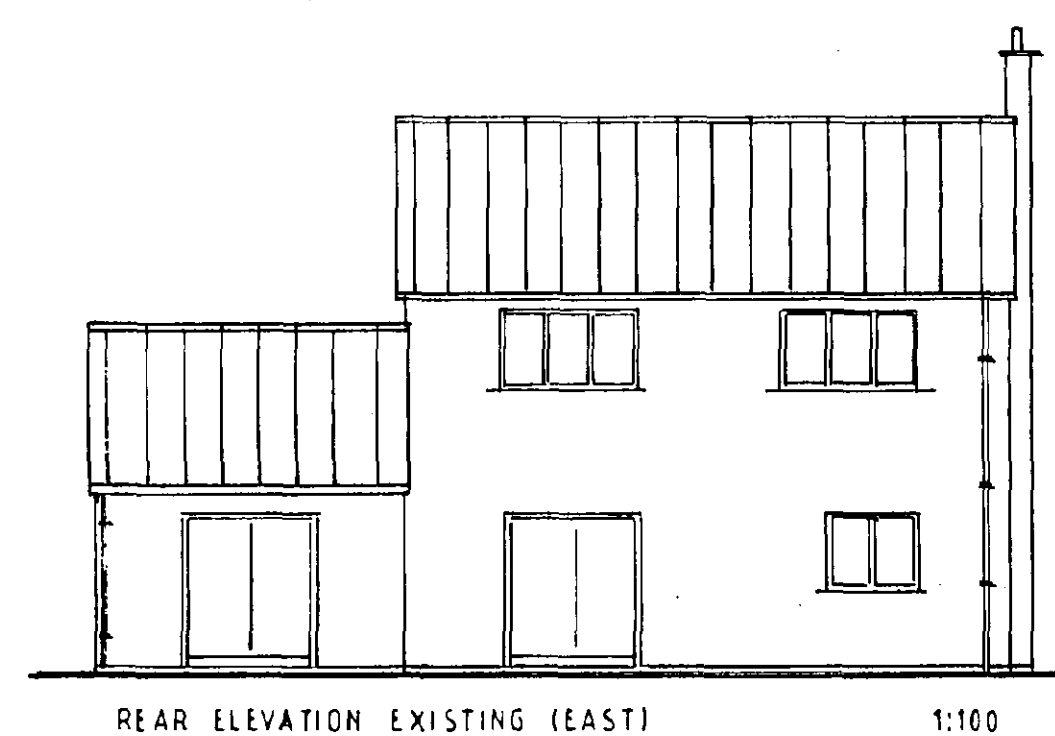




STORM DRAINAGE
Gutters to be Marley 100mm HR UPVC. Downpipes 68mm.
Connect to underground system with neoprene joint
Fascia brackets at 1000 centres.

Downpipes to connect to existing system.

LINTELS
External cavity walling: Catnic Cougar
End bearing to be min 150mm. Installed
as manufacturers instructions.

FLOOR JOISTS
All timbers to be SC4 graded.
size 200 x 50 at 400 centres. Fit at
mid span one row of solid strut timbers
full depth of joists.
At position of stud partition indicated
joists to be doubled and bolted with
12mm bolts at 600 centres.
All timbers to be PROTIM 80 treated.

CARPENTRY
Generally to CP112 part 2. and BS1186 part 1.
Workmanship to BS 1186 part 2.
Timber Moisture content not to exceed 18%

REMOVALS/PREPARATIONS
Remove roof to low level section.
Prepare brickwork and blockwork to
take new extended structure.
Remove existing lintol over garage
door and fit new lintol Catnic Cougar
type.
Carefully take down the external wall
to the first floor gable to enable the
new wall plate bearing.

BRICKWORK AND BLOCKWORK
Generally to comply to CP121 part 1 1973.
Facing bricks to match existing and to
BS3921. 1985
Blocks below ground level to be solid
concrete 7N, cavity filled with weak mix
concrete to within 150mm of DPC.
Internal blocks to be Thermalite Shield
3.5n. Mortar to be 4:1:1 sand lime and
cement.
Cement to BS12. Sand to BS 1200. Lime to
BS890. Water to be obtained from the mains
supply.
Wall ties to cavity walls 900H x 450V.
stainless steel BS1243.
DPC to BS473. Hyload or similar approved.
Cavity insulation 50mm thick jableite
to give .45 U value.
BS5685 part 1 1985. Cavity closures to
be Thermabate 50mm
increase wall ties at openings to 300mm
vertically.
No work to be carried out when temperature
falls below 3°C.

USE FIGURED DIMENSIONS ONLY
DO NOT SCALE

CONTRACT
MR AND MRS WRIGHT
3 BECCLEM DRIVE
CROWLAND
PETERBOROUGH
PE6 0AG

TITLE
FIRST FLOOR EXTENSION OVER
GARAGE AND LOUNGE

SCALE 1:50

DATE OCT 98 **DRAWN**

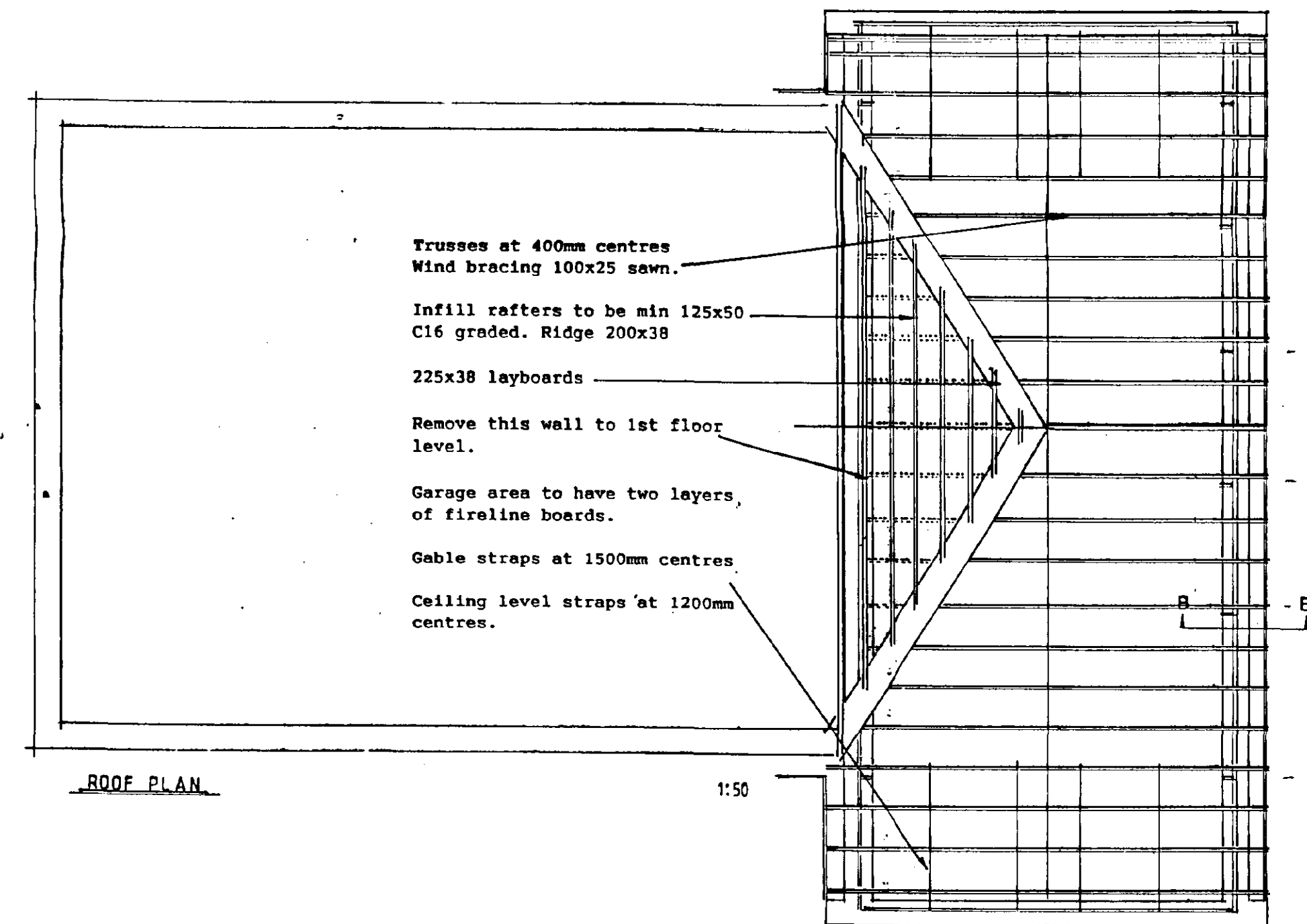
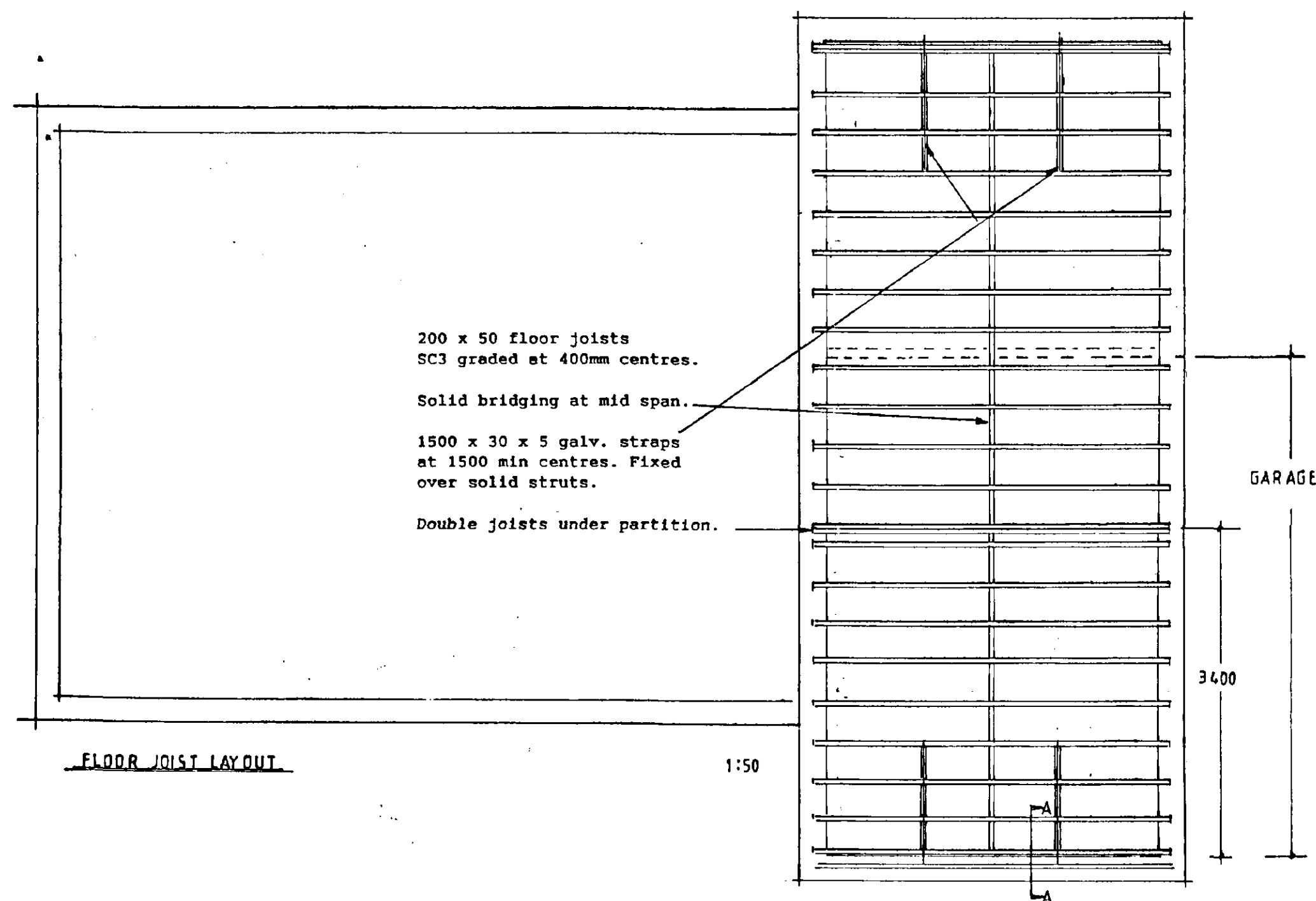
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DETERMINED
PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING

26 JAN 1999

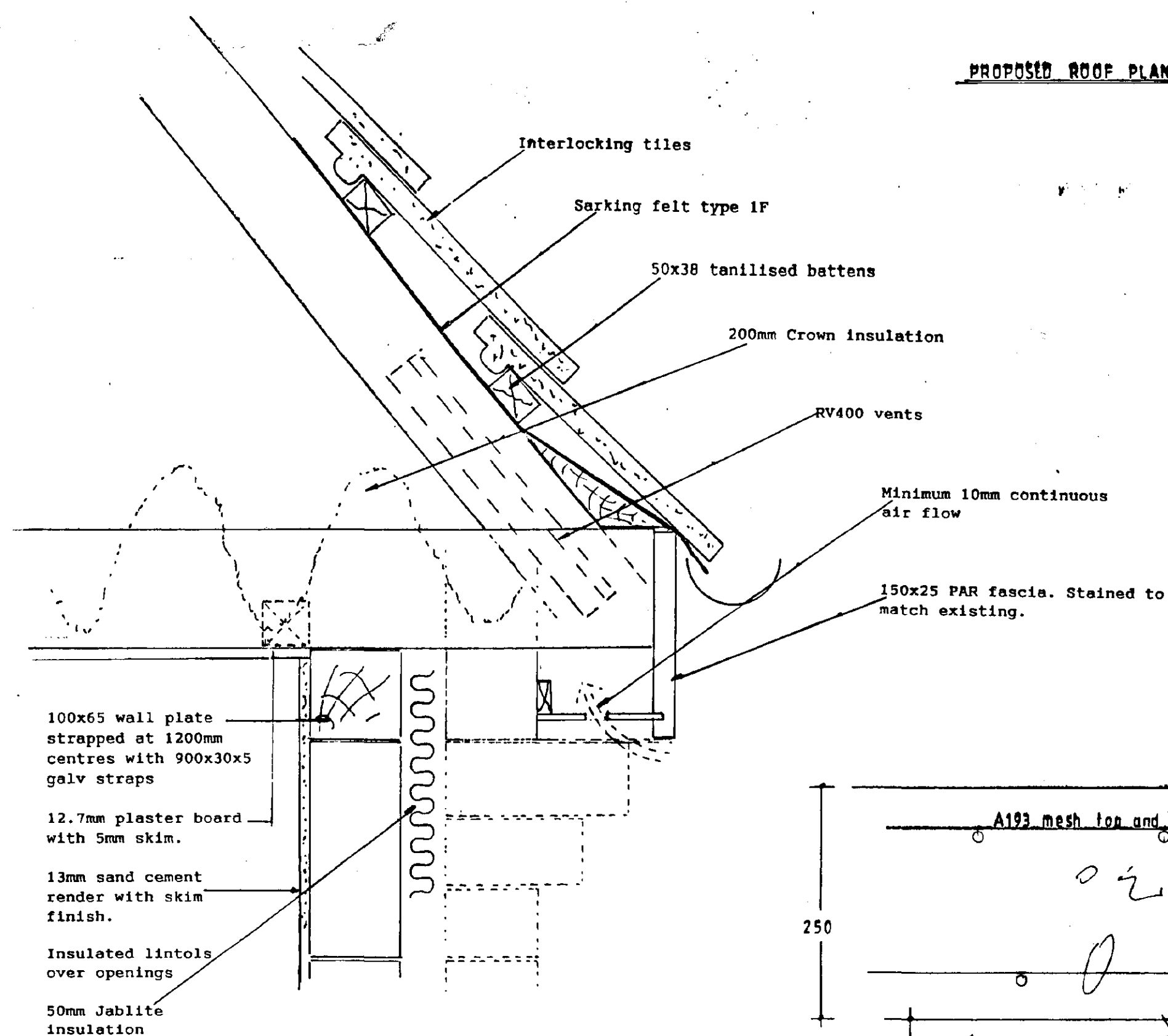
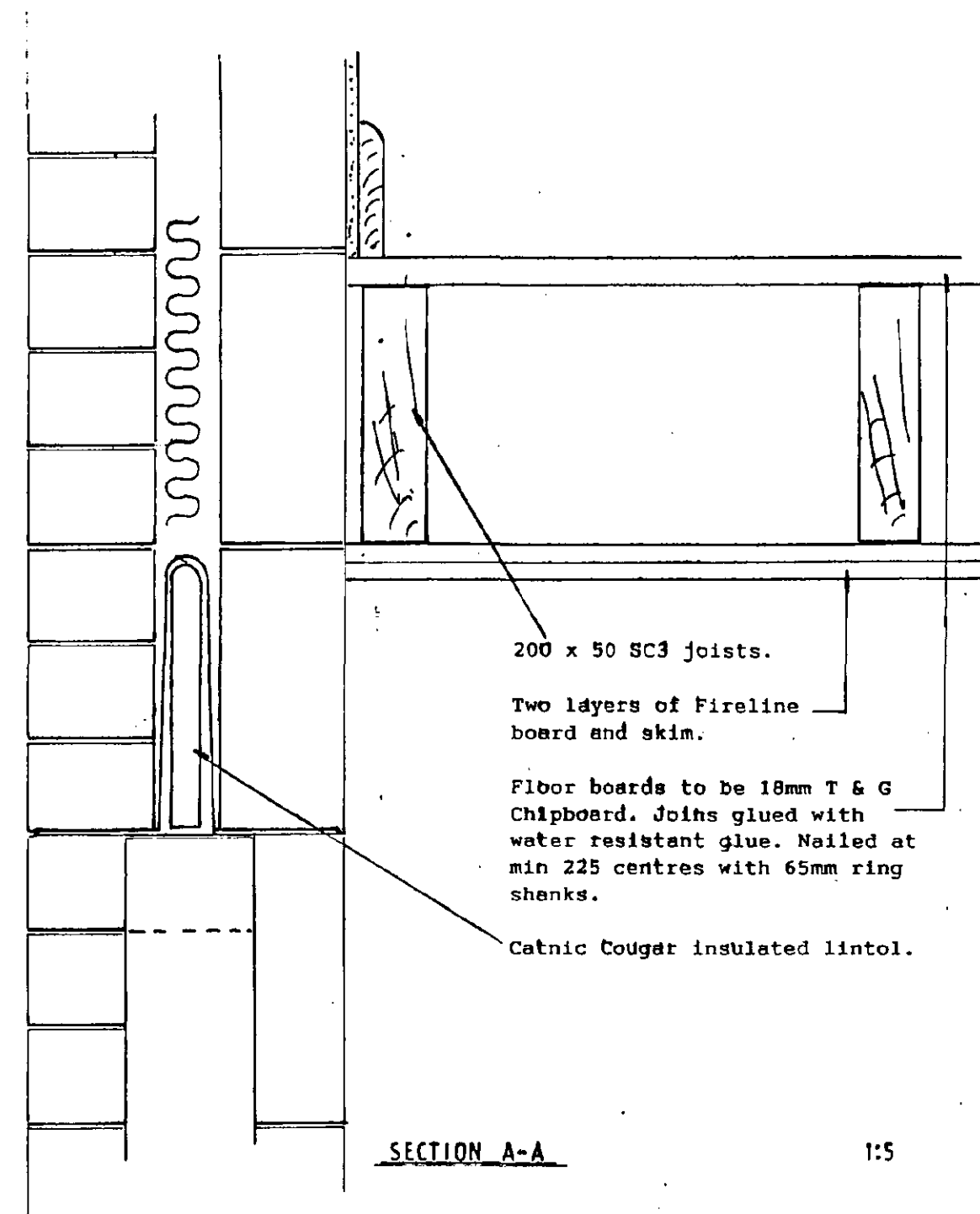
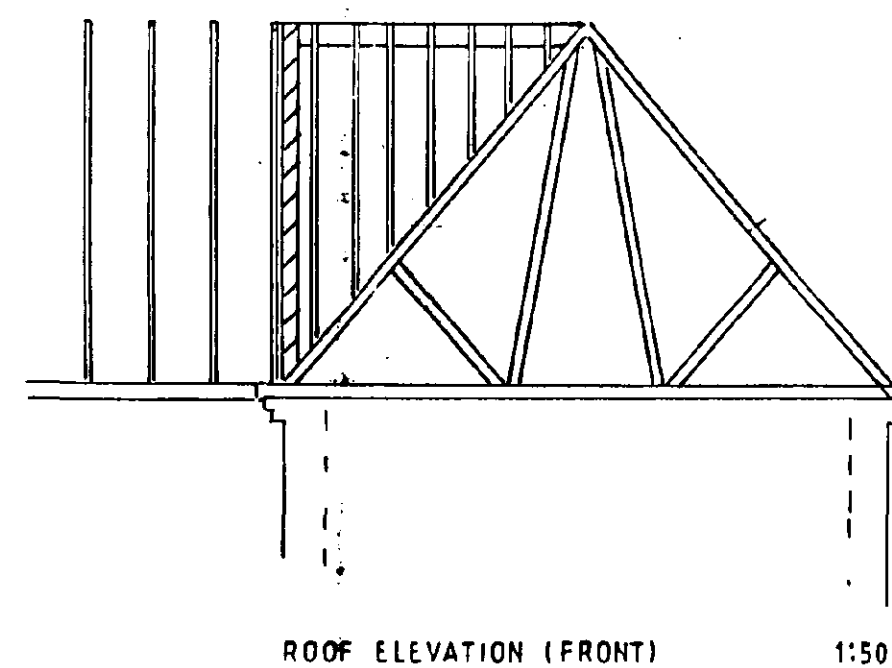
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ROOF TIMBERS
To be TRADA approved truss type. All aspects to meet the following standards.
BS5268 part 1.
BS6399 1984 part 1. BS5502 1980 sections 1:2.
All timbers to be PROTIM 80 treated.
Loose rafters to be 125x50 C16 graded.
Valleys to be formed with 225x38 lay boards.
Wind bracing to be 100x25 sawn treated.

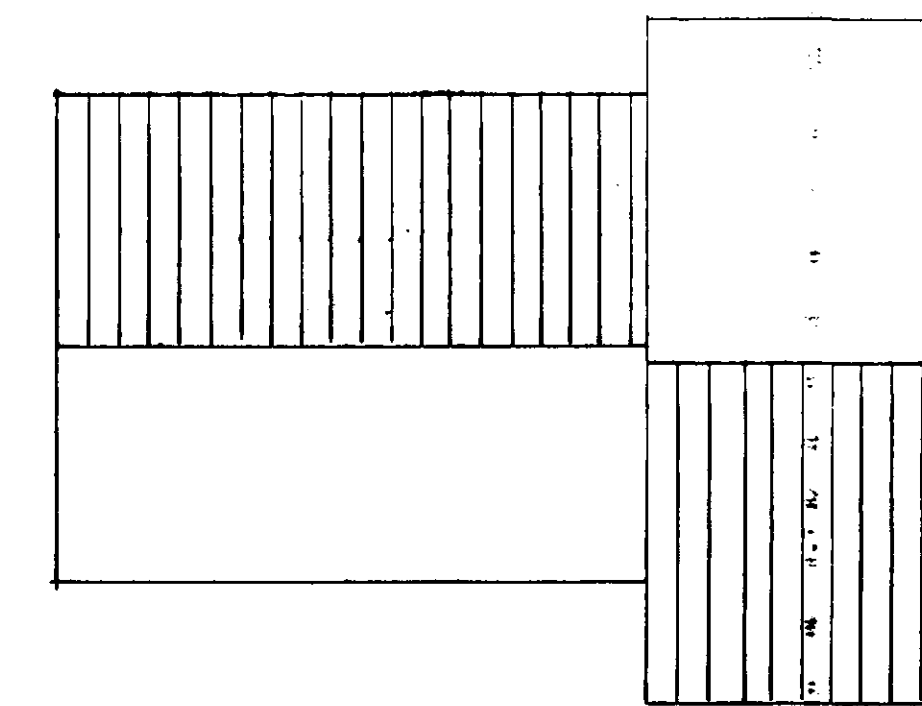
ROOF INSULATION
Lay over the ceiling rafters 200mm of Crown fibre insulation. Ensure the eave ventilation is not obstructed.

ROOF TILING.
Generally to BS5534 part 1.
Concrete interlocking tiles. Colour and size to match existing house roof.
Sarking felt to BS747 type 1F.
Extend into gutters. Battens to be 50x38 tanilised timber fixed with galv. nails. Valleys formed with GRP troughs.



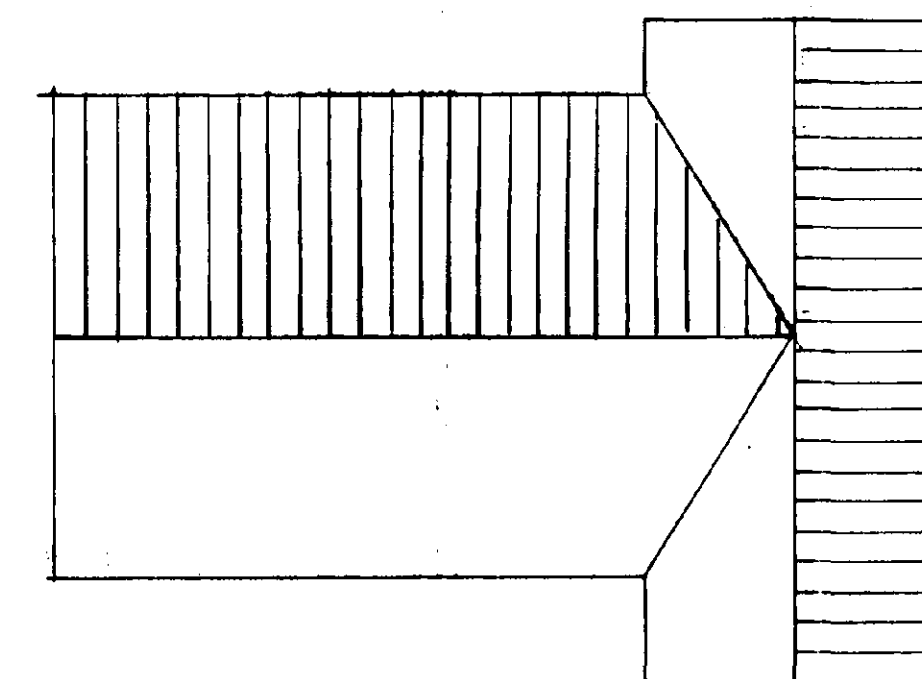
SECTION B-B

1:5



EXISTING ROOF PLAN

1:100



PROPOSED ROOF PLAN

1:100

JOINERY
Windows and doors John Carr softwood.
Types all as shown on elevations.

GLAZING
shall comply to BS952 and BS6262. Also to the recommendations as the GGF.

PLASTERING
Generally to BS5492.
Ceiling boards 12.7mm gypsum to BS1230 fixed with galv.nails at 150mm centres.
Finish to be 5mm skim coat.
Walls to be 13mm render and skim finish.

HEATING
Gas fired combination boiler. Mounted in kitchen with balanced flue.
Extend radiators to new bedrooms.
Sizes to be indicated by heating installer. All to BS 5546 1979.
BS 6461. BS5386 parts 1,2,3.

ELECTRICAL INSTALLATION
To NIECC 16th edition regulations.
Work to be carried out by approved contractor only.

VENTILATION
Eave ventilation by min. 10mm continuous gap in soffit board. Fit between rafters Redland RV400 vents to allow air flow of clear 50mm to each rafter.
Ridge ventilated with G50 ridge vents to BS 5250. Fixed at 1500mm centres to give continuous 10mm ventilation gap.

Background ventilation of at least one twentieth of the floor area to be fitted to the windows.

FIRST FLOOR PARTITIONS
100x50 timber studs. Faced with 12.7mm Plaster boards and 5mm skim finish. Insulate internally with 100mm of fibreglass quilt.

USE FIGURED DIMENSIONS ONLY
DO NOT SCALE

CONTRACT
MR AND MRS WRIGHT
3 BECCLEME DRIVE
CROWLAND
PETERBOROUGH
PE6 6AG

TITLE
FIRST FLOOR EXTENSION OVER
GARAGE AND LOUNGE

SCALE 1:50
DATE OCT 98 **DRAWN**

JOB No. 98/045 **SHEET** 2 **REV.**

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
26 JAN 1999

Ref: cat8/bp

