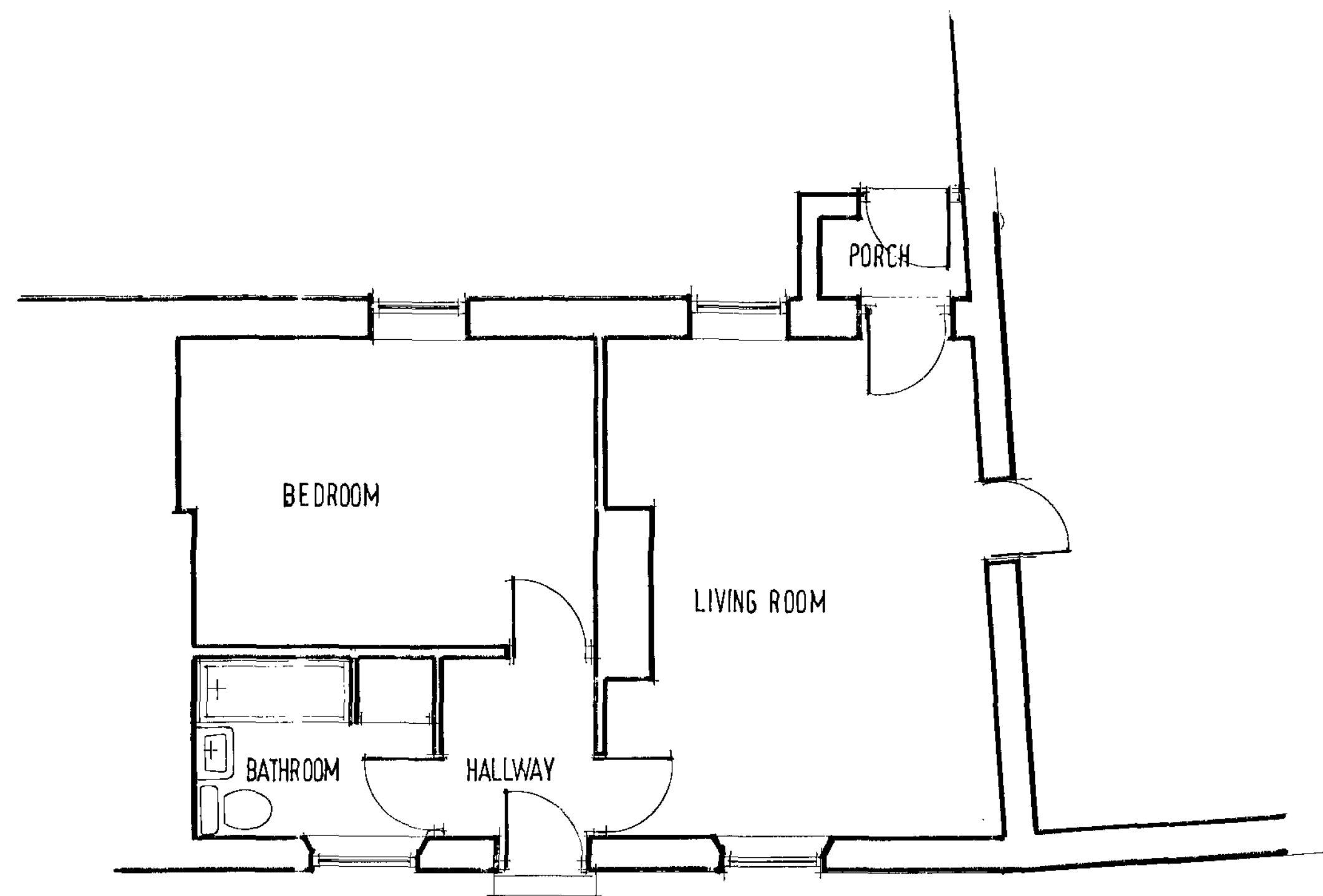
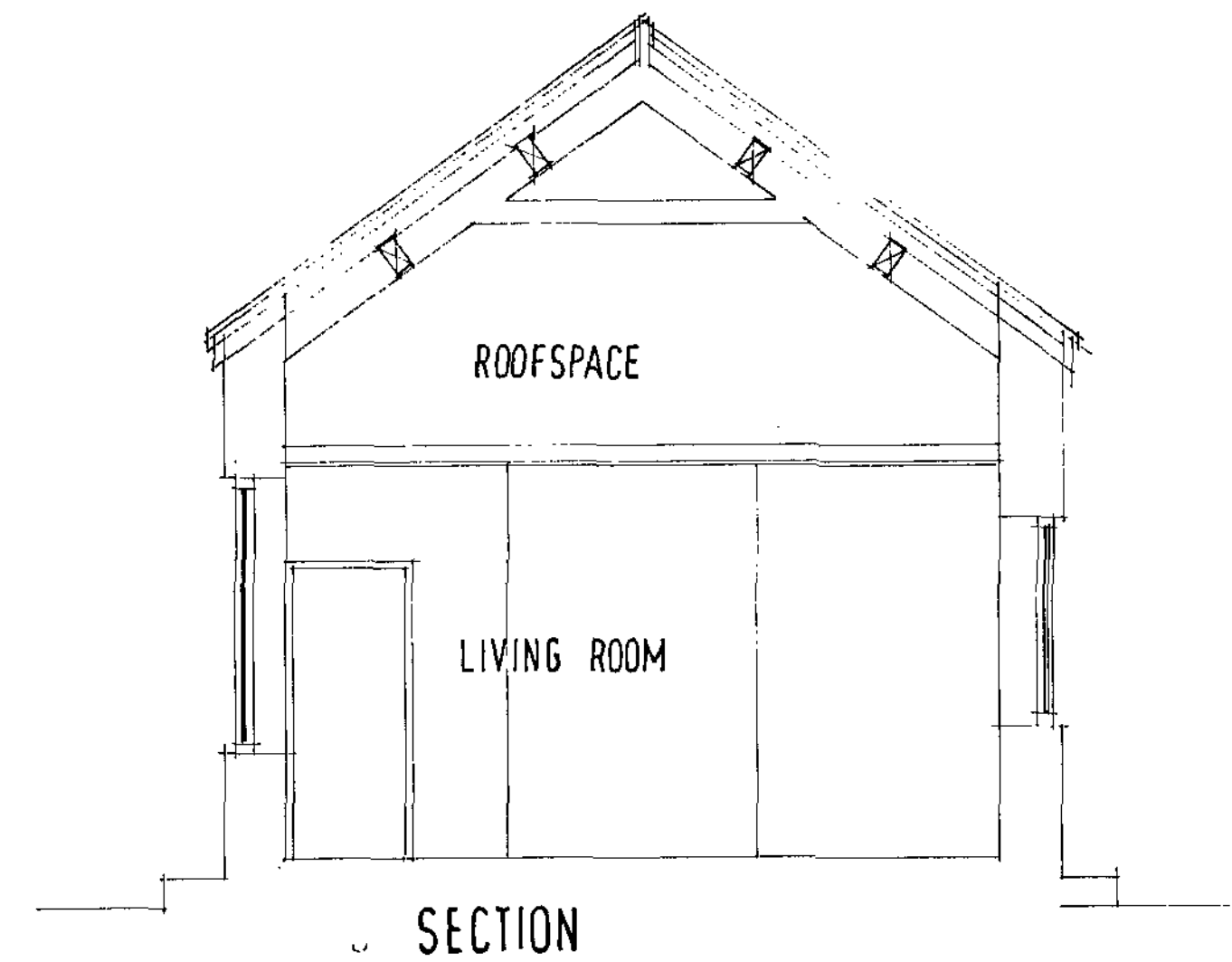




GROUND FLOOR PLAN AS EXISTING



SECTION



REAR ELEVATION EXISTING



FRONT ELEVATION EXISTING

EXISTING ONE BEDROOM GROUND FLOOR FLAT
AT
GUNTWAITE HALL FARM
GUNTWAITE

FOR MR AND MRS GRIFFITHS

SCALE 1:50 1:100

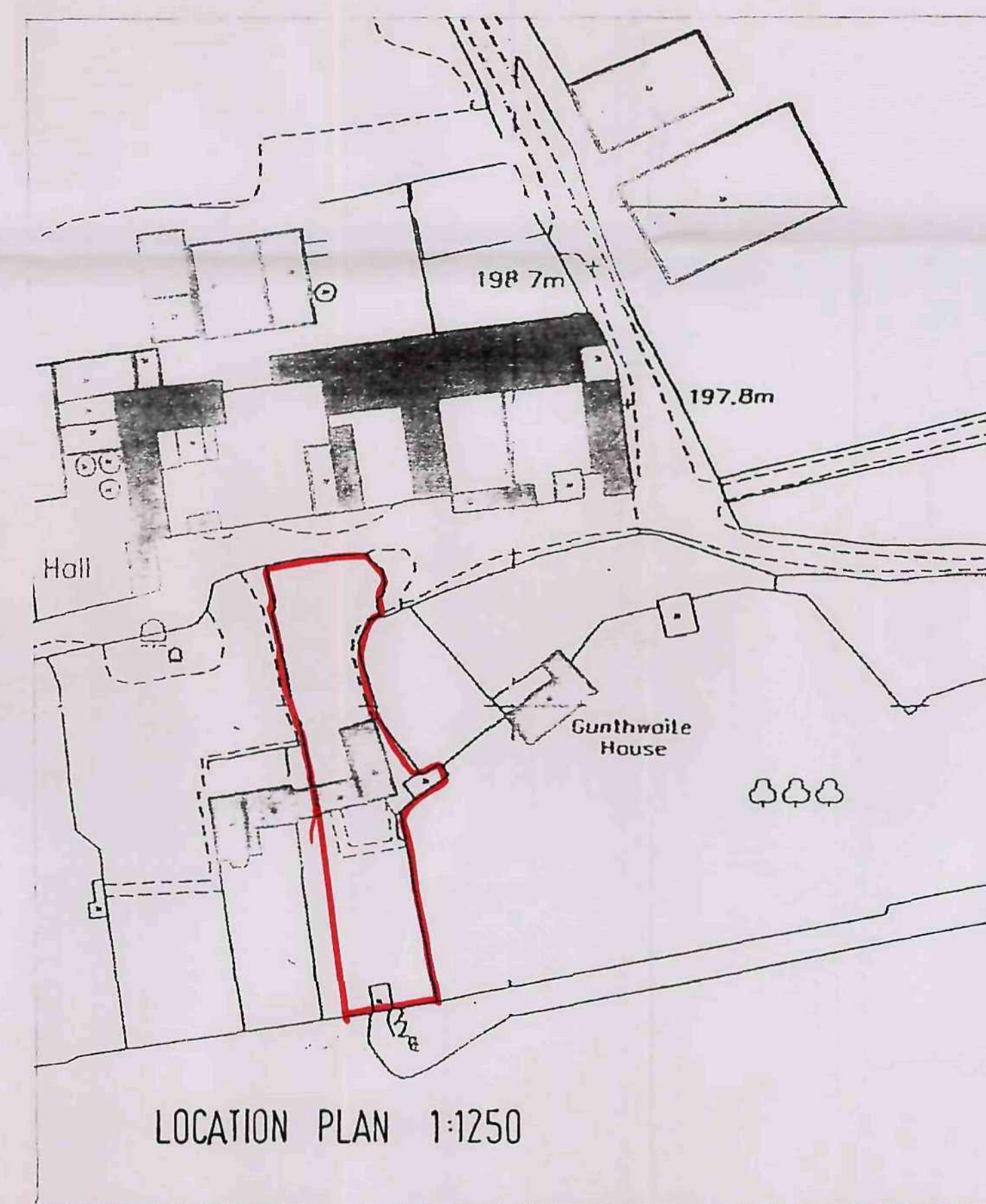
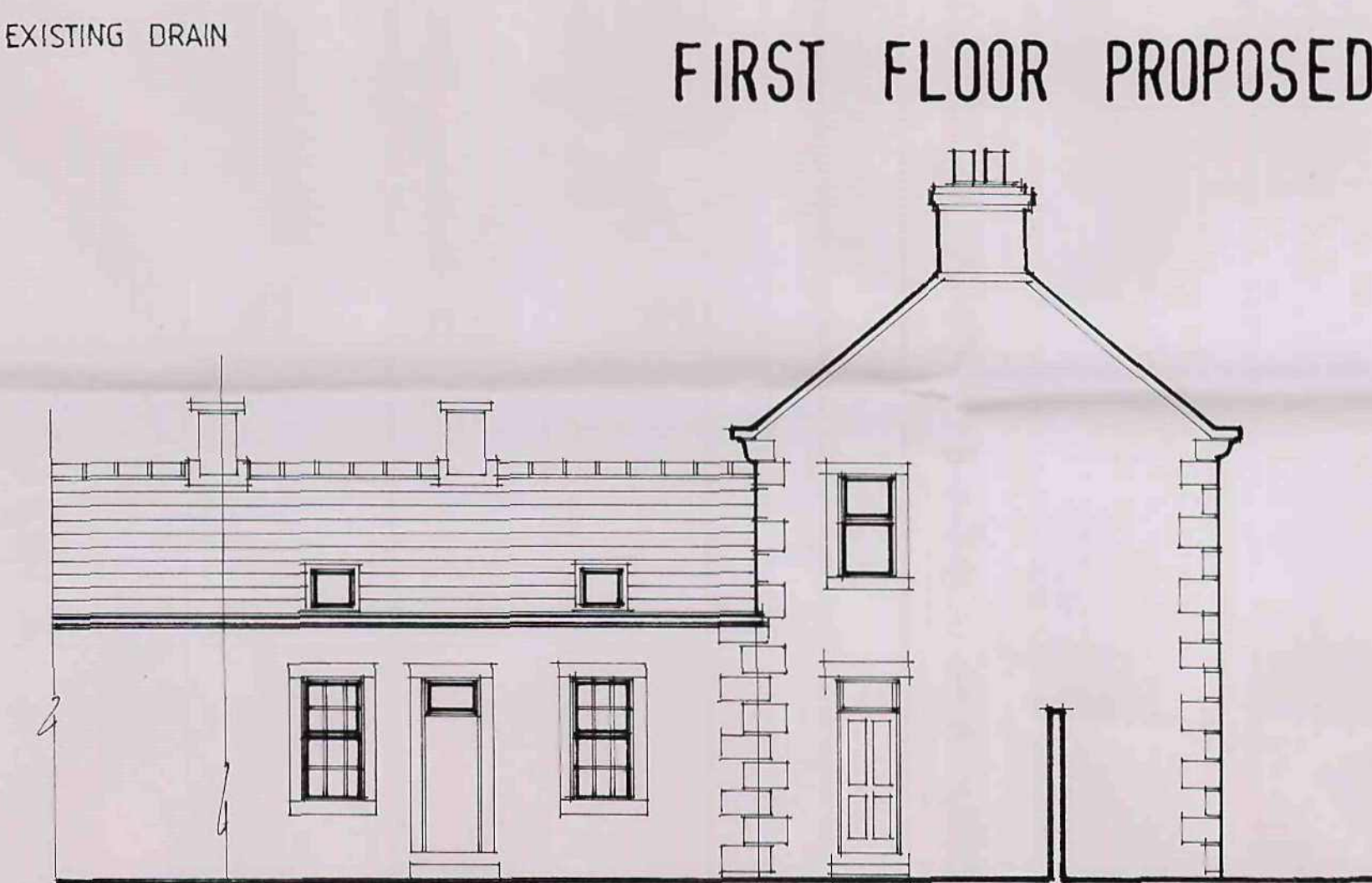
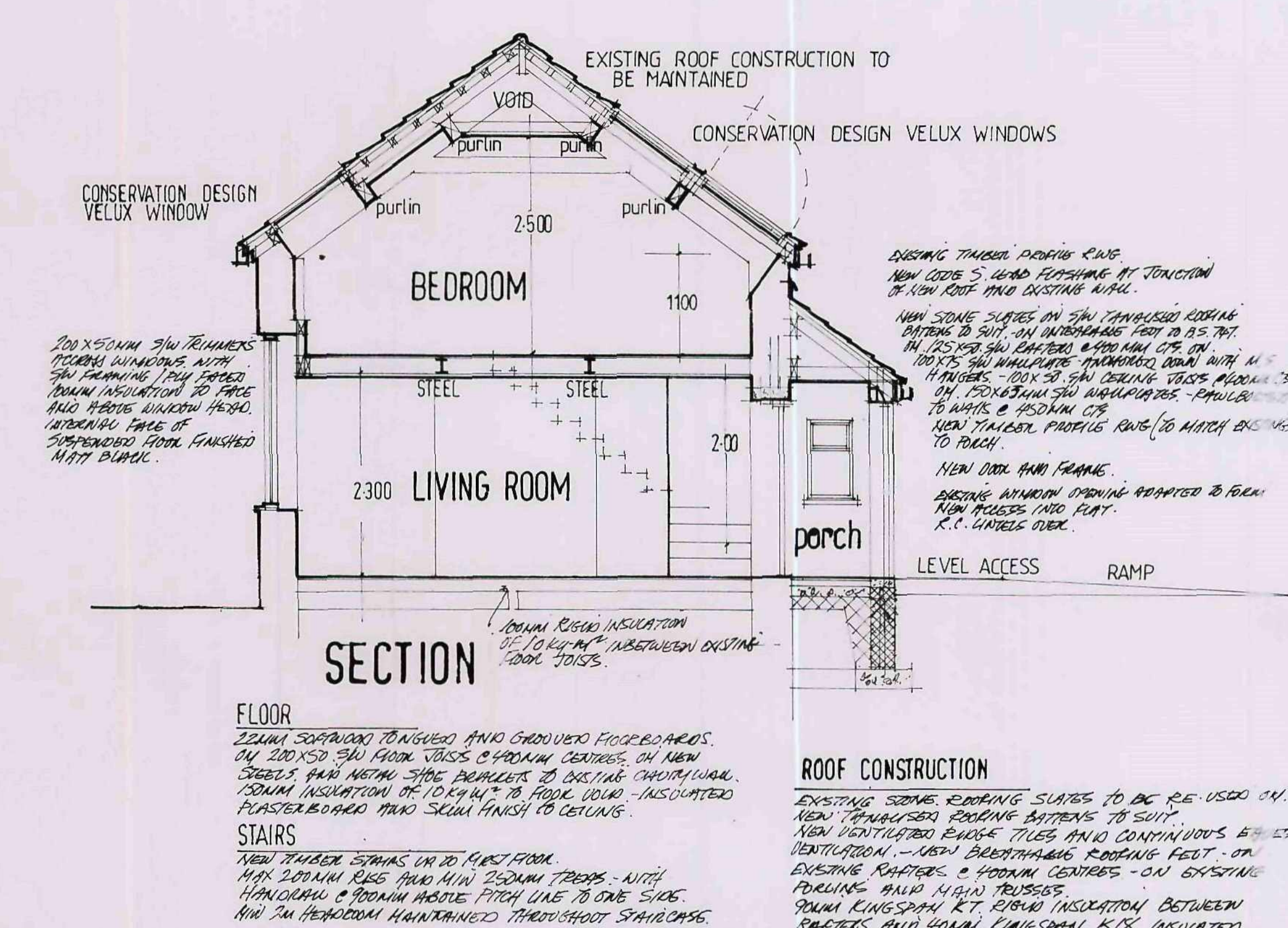
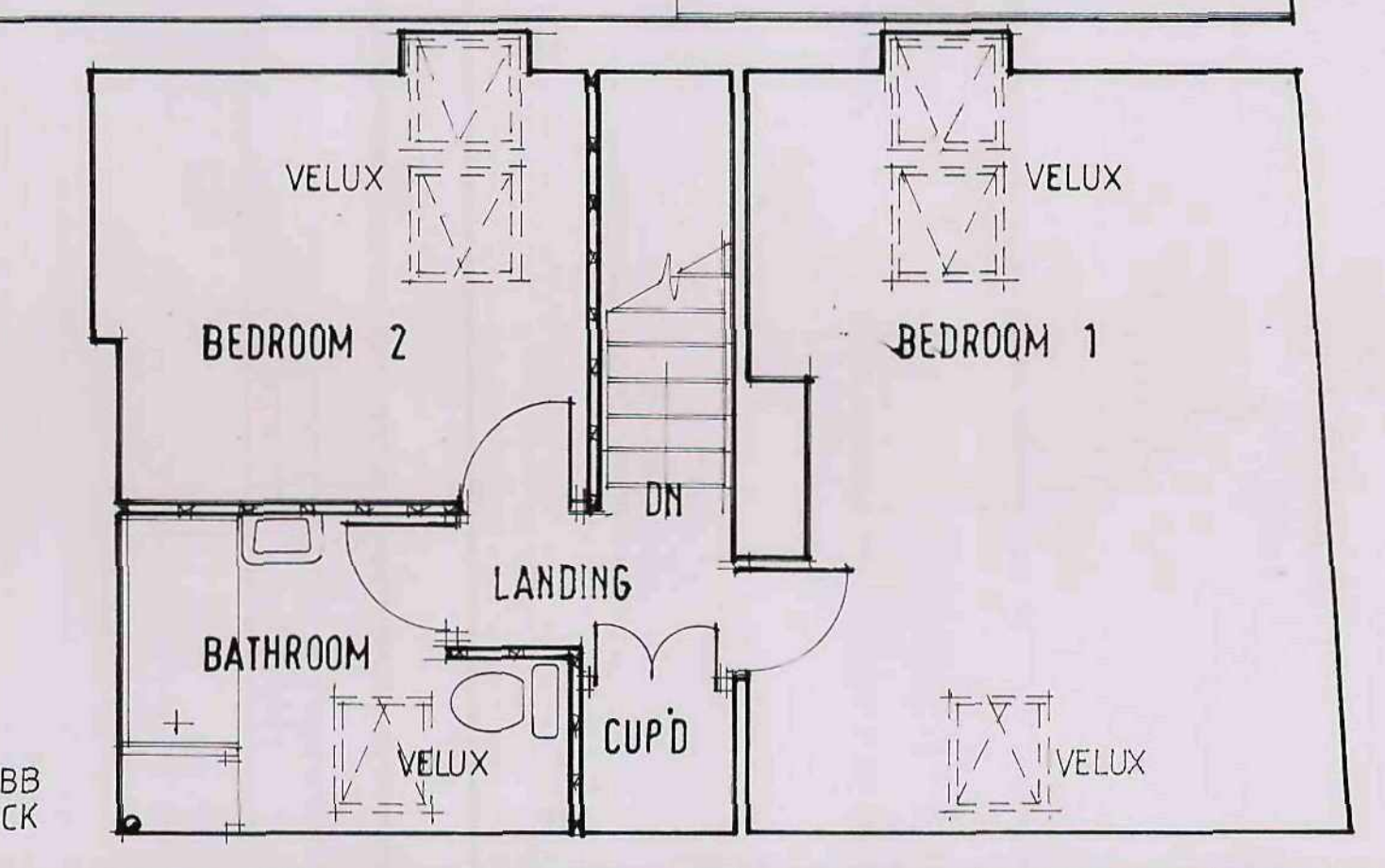
DATE MARCH 08 2008 018 01

DRAWN R HARRIS

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ROOF CONSTRUCTION

EXISTING STONE ROOFING SLATES TO BE RE-USED ON NEW THINWALL ROOFING SYSTEMS TO SAVE. NEW UNVENTILATED RAFTER TILES AND CONTINUOUS BRICK VENTILATION. - USE BREATHABLE ROOFING FOOT - ON EXISTING RAFTERS & JOIST CENTERS - ON EXISTING PORLING AND MAIN BESSSES.

SOULI LINSPAN RIGID INSULATION BETWEEN RAFTERS AND SOULI LINSPAN K-18. INSURTED POSTHEARDED AND SOULI RAFTS TO FACE OF RAFTERS. AL TO ACHIEVE MIN V VALUE OF 0.16 W/M²K.

WALL CONSTRUCTION

ISOLAM NATURAL COURED STONE OUTER LEAF WITH POLYMA CHAIRA AND SOULI LINSPAN THERMAFOL TO SO. ZERO ODP. EIGED CHAIRA INSULATION WITH JOIST INTERNAL PORCELITE WITH POLYMA INSULATION POSTHEARDED AND SOULI LINSPAN AL TO ACHIEVE MIN V VALUE OF 0.21 W/M²K.

SOULI LINSPAN TO SOULI LINSPAN THERMAFOL STONE AND SOULI LINSPAN COURSE OF REFLECTS. ISOLAM THERMAFOL HAVE SOULI LINSPAN THERMAFOL.

SOULI LINSPAN CHAIRA CUES AND LINTLS. - VERTICAL DPC & AIR OPENINGS. - DPC MIN ISOLAM MIDDLE EXTERIOR CHAIRA.

STANDARD CATHIC COURSE INSURATED STEEL LINTLS CUE OPENINGS WITH NATURAL STONE OUTER LINTLS.

THERMAFOL THERMAFOL BELONG GRADING LEVEL ON 60X225 CONCRETE STRIP FOUNDATIONS - DEPTH TO SATISFACTION OF BOUNDING INSPECTOR.

FOOT -

ISOLAM THERMAFOL TP 73 ZERO ODP CHAIRA THERMAFOL LINSPAN INSULATION ON LUTELING SELECTED ISOLAM CONCRETE SLAB ON UNFINISHED 1200 DPM. - ON STONE BUILDING - ON CONJUGATED HAPRODRE AL TO ACHIEVE MIN V VALUE OF 0.20 W/M²K.

GENERAL

MULTIUSE USED TO BE MIN STIFF GROUND S.C.

WINDOW HEIGHT OF APARTMENT ROOMS TO BE MIN 10'4" FLOOR TO FLOOR.

MIN 10'4" FLOOR TO FLOOR.

DOOR VENTILATION - 800MM.

MIN CONSTRUCTION DESIGN DETAIL NANOUS TO MODERNIZE AND ESCAPE WINDOW MIN 850X550 MM CLEAR OPENING MIN GLAZING TO COMPLY WITH NEW PARAPET DOCUMENT.

PARET L' USING PILINGSTONS 'K' GLASS WITH LOW E.

SOFT COATING AND GLASS CHAIRA - MIN V VALUE OF 0.18 W/M²K.

MIN GLAZING TO BE SAFETY GLAZING TO BS 6206.

EXITS PLANS/DETECTORS AND EMERGENCY LIGHTING TO BE PROVIDED TO GROUND FLOOR AND FIRST FLOOR. TO BE UNLINKED AND WERE BACK TO A SEPARATELY FOSSED CHAIRA ON THE CONSUMER UNIT.

CALCULATIONS FOR STEELS SUPPORTING NEW FLOOR

MAXIMUM SPAN 4.3m
LOADING - FLOOR 4.3m x 1.9kN/m² x 2.5m = 20.425 kN
SELF WEIGHT 4.3 x 0.3 kN/m² = 1.290. "
TOTAL LOAD W = 21.715 kN
M = $\frac{1}{8} \times 21.715 \times 4.3^2 = 11.67 \text{ kNm}$
R₁ 203 x 102 x 25 33 kN R₂ 7
C₁ = $\frac{4.3 \times 10^3}{2.25 \times 10^3} = 1.91$ $\frac{1}{1.91} = 0.52$ $\frac{11.67}{0.52} = 22.44 \text{ kNm}$
Z_{reqd} = $\frac{M}{f_y} = \frac{11.67 \times 10^3 \times 10^3}{125 \times 4 \text{ mm}^3} = 93.11 \text{ cm}^3$
DEFLECTION $\frac{5}{384} \times \frac{W L^4}{EI} = \frac{5 \times 21.715 \times 10^3 \times 4.3^4}{384 \times 207 \times 10^3 \times 2294 \times 10^4} = 0.0001 \text{ m} = 0.1 \text{ mm}$
USE 203 x 102 x 25 33 kN R₂ GRADE 43 STEEL, BUILT UP AT END TO PROVIDE DIAGONAL RESTRAINT AND SUPPORTED ON 150mm THICK INSULATED CONCRETE

NOTE
This drawing is for obtaining Planning permission and Building Regulations Approval only. The successful Building contractor is to carry out a Site Survey, including levels, before commencing works.
The builder is responsible for ensuring that all works to be carried out are to the requirements of the Building Regulations and the relevant current codes of practice to the satisfaction of the District Building Surveyor.

PROPOSED ALTERATIONS TO EXISTING FLAT
TO FORM HOLIDAY LET AT
GUNTHTWAITE HALL FARM
PENISTONE
S 36 7GE

FOR MR AND MRS GRIFFITHS

SCALE 1:50 1:100

DATE MAY 08 2008: 018:02

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