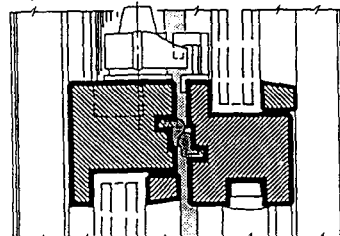


STANDARD LINING
1650 HIGH FRAME

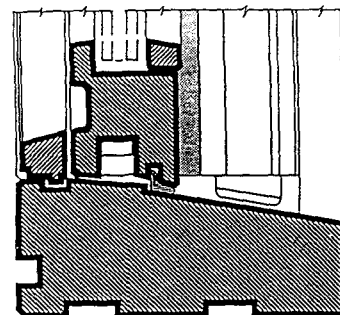
STANDARD LINING
1350 AND 1050
HIGH FRAMES



WEATHERSTRIPPING TO
TOP, MEETING AND BOTTOM
SASH RAILS

NON-BAR SASHES
CAN BE EITHER
SINGLE OR DOUBLE GLAZED

REBATE SIZE OF SASH
13mm x 32mm

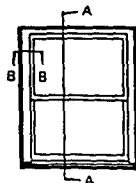
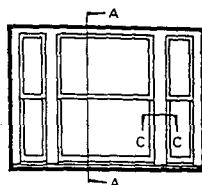


UPVC LAMB LINE
AND SASH STOPS
BOUTON & PAUL LTD
HOUSING & PLUMBING
22 SEP 1993
0935/98

SILL

Section AA

33

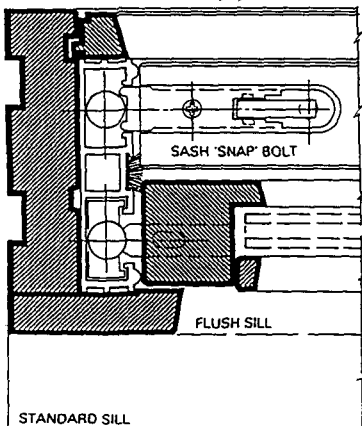


NOTE 1: This detail sheet should be
read in conjunction with current
Boulton & Paul Literature.

NOTE 2: Flush Sill line shown as a
broken line

NOTE 3: FIXED SASHES
Outer sashes to three light Venetian
Windows are fixed, (Sash balances omitted).
However, they can be made as to open
when stated as OPTIONAL EXTRA at the
time of ordering.
e.g. Typical Window Code:
DH 1813 with Optional extra
opening Venetian Sashes.

Every effort has been made to ensure
the accuracy of this information. In the
interest of progress however, we reserve
the right to modify designs and drawings
as and when necessary.

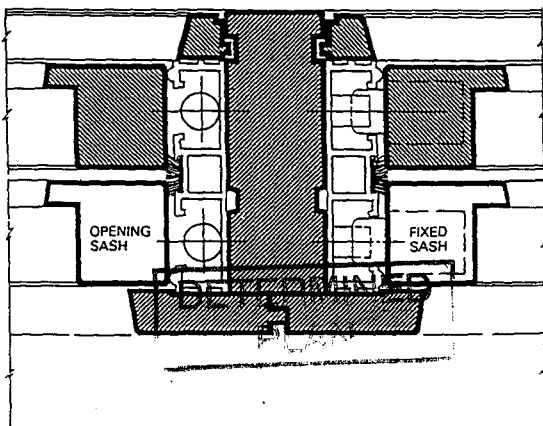


SASH 'SNAP' BOLT

FLUSH SILL

STANDARD SILL

Section BB



OPENING
SASH

FIXED
SASH

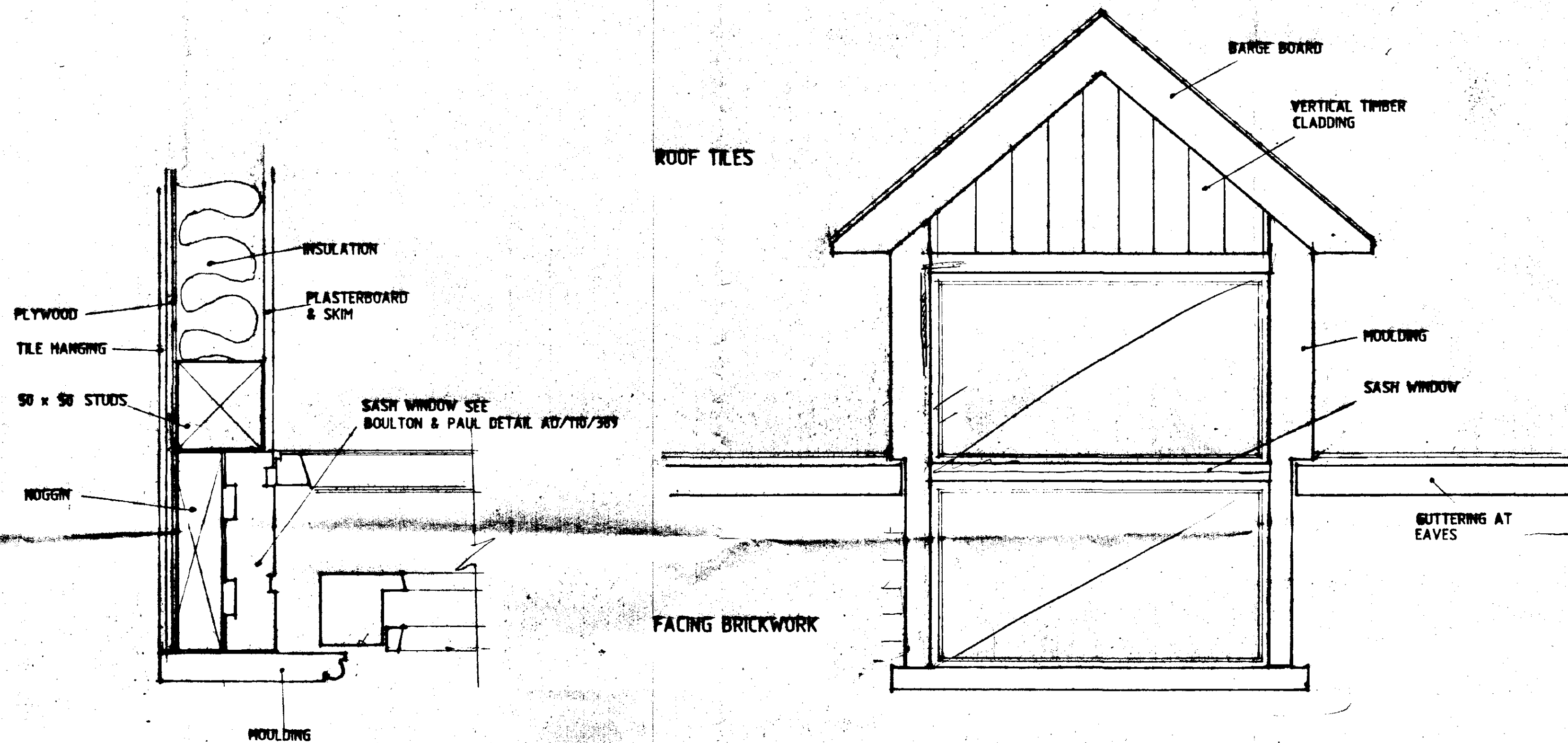
Section CC

Architects Details
BOUTON & PAUL

High Performance
Sliding Sash Window
Non Bar

Scale - Half full size

Ref No - AD/110/389



PLAN DETAIL
HALF FULL SIZE

FRONT ELEVATION
1:10

NOTE

FOR WINDOW DETAILS SEE BOULTON & PAUL
DETAIL AD/110/389 - FOR CENTRAL MULLION OF
SPECIAL KITCHEN WINDOW SEE SECTION C-C

THIS DRG. TO BE READ IN CONJUNCTION WITH
BOULTON & PAUL DETAIL- AD/110/389

Statu/s
DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

BORNER DETAIL FOR
HOUSE AT ABBEY WALK,
CROWLAND FOR

J. B. EASTWOOD

SEPT-98 | 771939/5

B. GEMAN

SOUTH HOLLAND DC
HOUSING & PLANNING
22 SEP 1998
Ref: 07135/98

2 Edinburgh Walk, Holbrook,
Stafford, Staffs. ST10 2AD
Tel: 01902 674313 Fax: 01902 674314

**DETERMINED
PLAN**



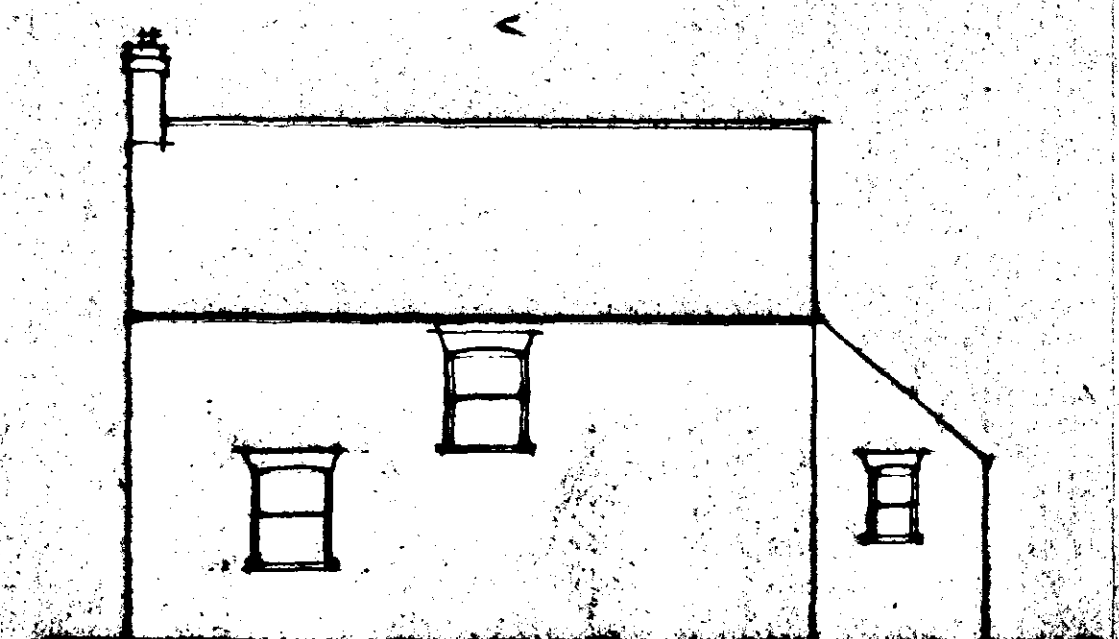
FRONT



SIDE



REAR



SIDE

Roof Ventilation

As eaves provide proprietary ventilation equivalent to a 10 mm continuous gap along eaves.

Valleys

Use proprietary fibreglass valleys or provide 100 mm wide valleys to make completely watertight.

Exhaust Ventilation

Provide proprietary mechanical extract ventilator unit capable of extracting 60 l/sec. Alternatively provide proprietary cook hood capable of extracting 30 l/sec.

Bathroom Ventilation

Provide proprietary mechanical extract ventilator unit capable of extracting 15 l/sec. System to offer intermittent operation.

Hot Water Storage

Provide system approved by BBA and installed by BBA approved installer. System to be vented and insulated in accordance with BS5615 1985. Provide thermostatic control.

Heating System

Provide room thermostat or thermostatic radiator valves or similar approved to control the output from the heating system.

Insulated Pipes and Ducts

All pipes, which do not contribute to the heating of the building, will be insulated to BS5422 1977.

Safety Glazing

Provide safety glass to BS6206 to all windows over a minimum height of 800 mm above floor level plus doors to a minimum height of 1500 mm above floor level. Side screens to be same as doors if within 300 mm of doors.

Smoke Detection

Provide mains operated self-contained smoke alarm to BS5446 Part 1 in accordance with Approved Document B1.

Rainwater Goods

PVC rainwater goods 110 mm diameter gutters and 60 mm diameter downpipes.

Glazing

All joinery to meet the standards specified in BS 6841 (BIC) document. All windows to be double-glazed sealed units except to garage.

1.6. Type L1/S75 handle to cavity walls and 1.6. type insulated linings to 100 mm internal walls unless stated otherwise.

Walls

Brickwork below DPC to be P.L. quality.

Any bricks in place should not be more than 10%.

All masonry to be minimum 1 in depth.

Provide cavity trays above in situ masonry.

All external linings to be insulated type.

All external joinery to be fully draught proofed.

Self-ham to be draught tested and latched shut.

Insulation in roof space to meet with insulation in external cavity walls to prevent cold bridging.

Hot water cylinder to be minimum 115 l capacity.

Shall all openings and joints to perimeter walls.

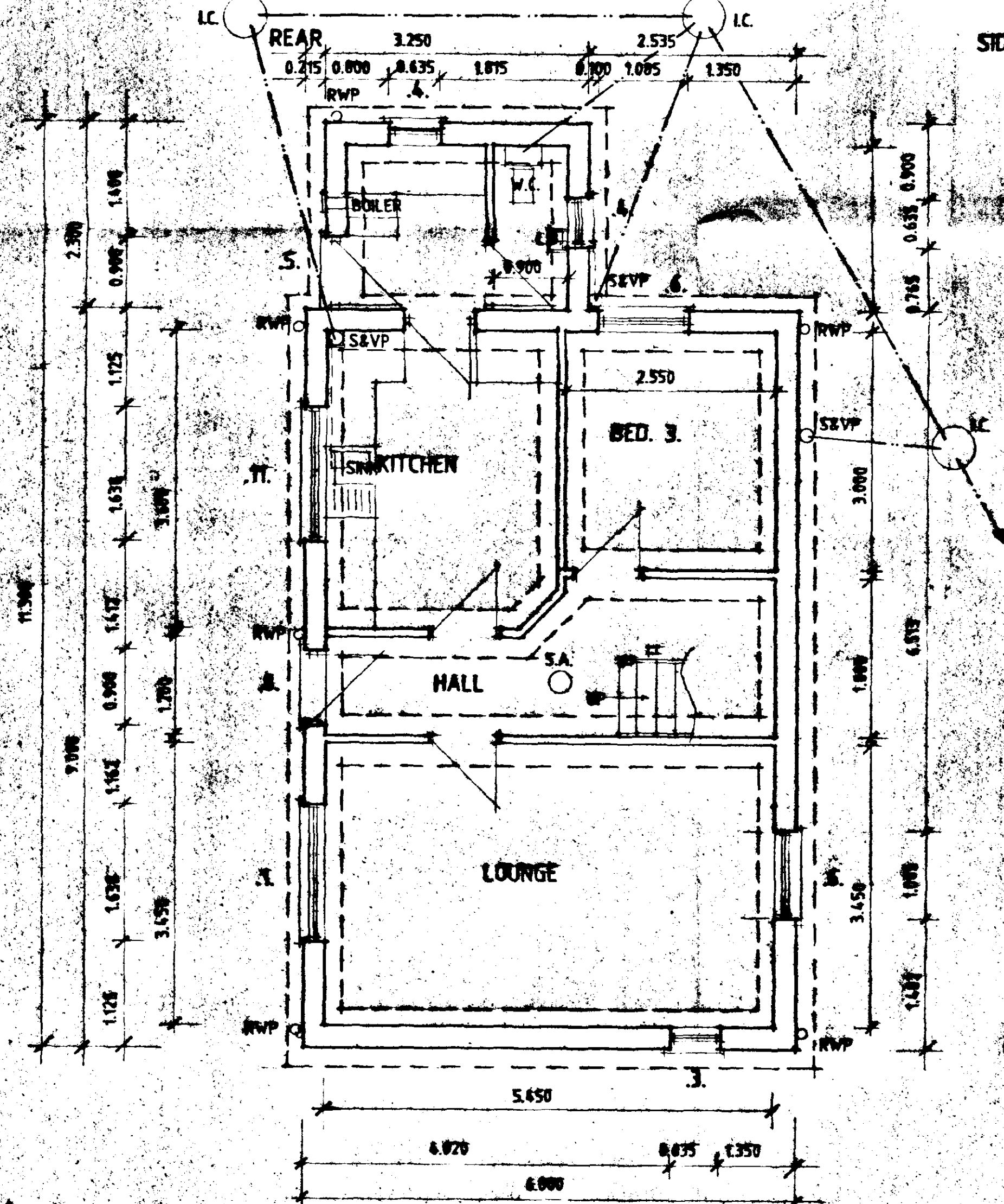
All doors, windows and any full hatches to be collectively sealed and draught proofed.

Design Floor Construction

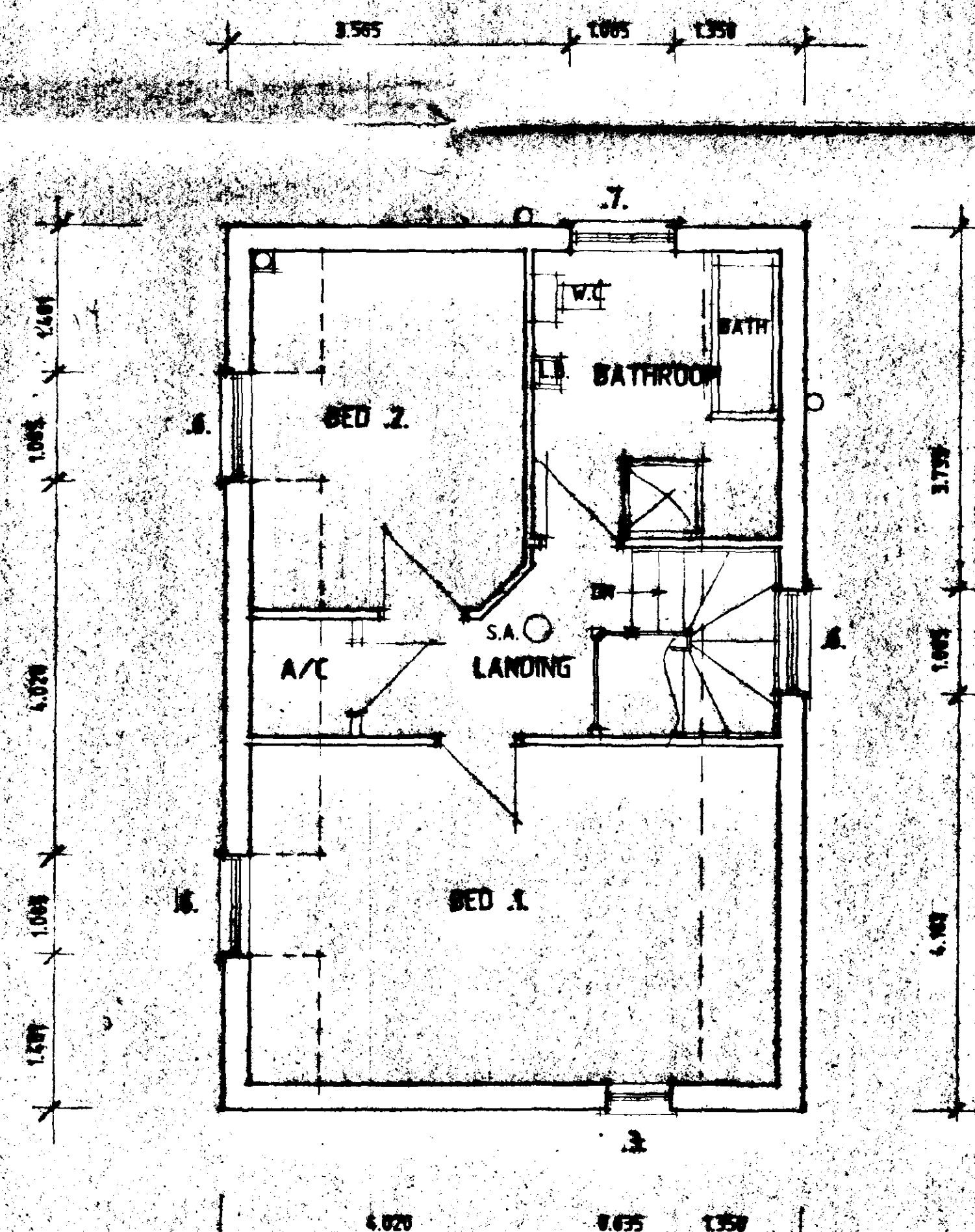
150mm concrete suspended with 100mm gap and bottom with a layer of A142 mesh on 150mm wall supported hardcore.

Roofing Chimney Support Details

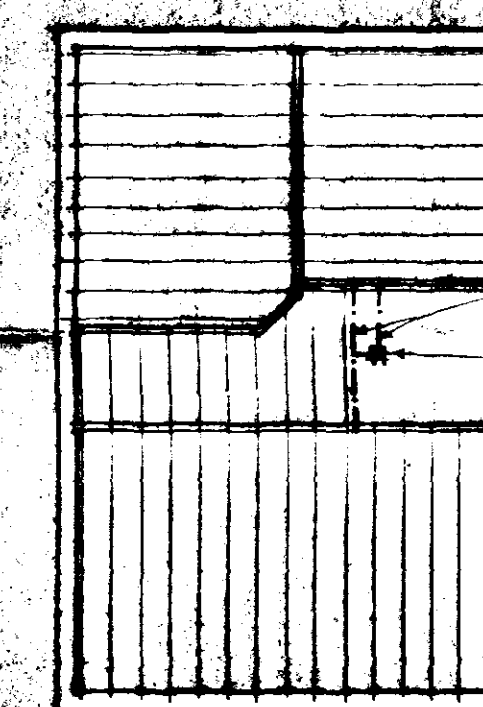
See 'Andrew Firetrace Partnership' document dated 19/5/97 sheet no. SK/06



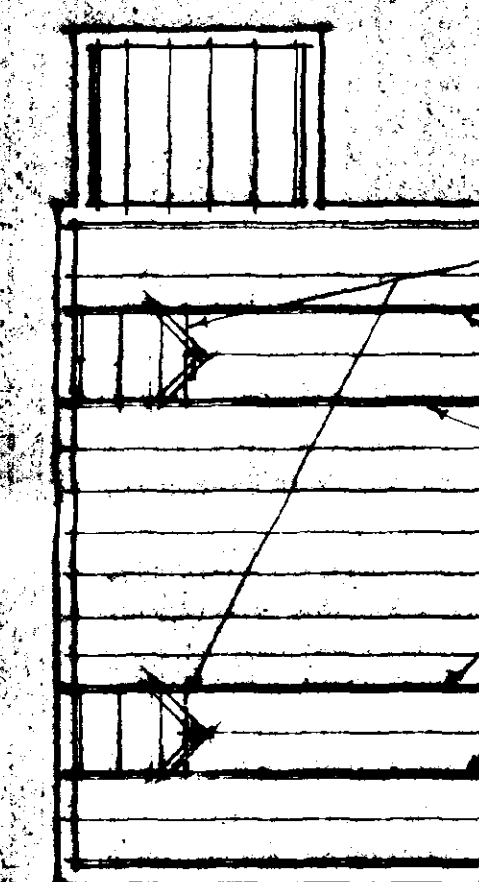
GROUND FLOOR PLAN



FIRST FLOOR PLAN



FLOOR JOIST PLAN



ROOF PLAN

DOORWAY SCHEDULE	
1.	DO1013
2.	DO1010
3.	DO1013
4.	DO1010
5.	DO1010
6.	DO1012
7.	DO1010
8.	DO1010
9.	DO1010
10.	DO1010
11.	DO1010
12.	DO1010
13.	DO1010
14.	DO1010
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100.	DO1010

BOULTON & PAUL DOUBLE GLAZED JOINERY

11 SPECIAL

SOUTH HOLLAND DC HOUSING & PLANNING
22 SEP 1998
Ref: 0935/98

B - WINDOW ALTS - 17.9.98
C - B.R. ADDITIONS - 22.6.98
D - GENERALS - 13.3.97
A - GEN ALTS - 5.3.97

Status
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED HOUSE AT ABBEY WALK, CROWLAND FOR

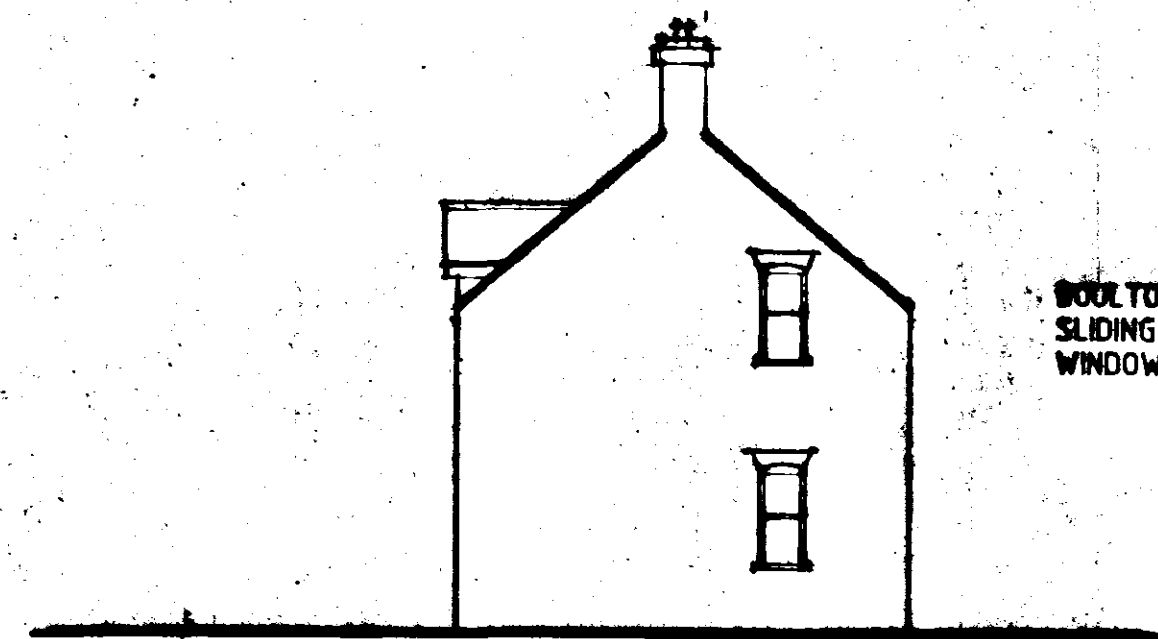
J. B. EASTWOOD

Return

1000 150 777939/1
FEB-97 B.GILMAN

SUPERSEDED

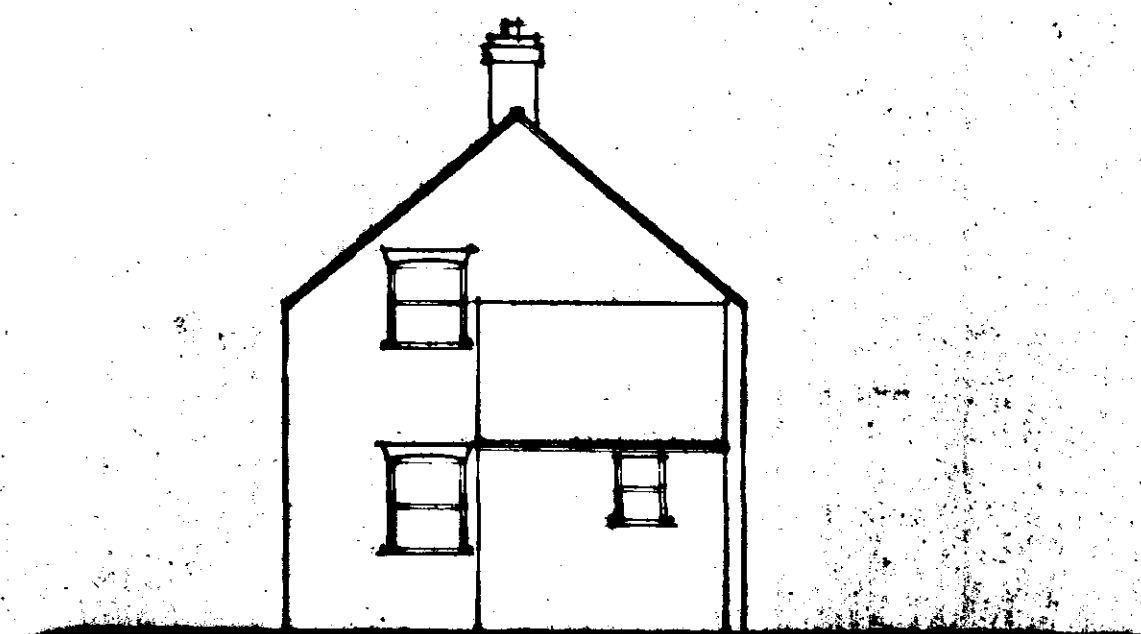
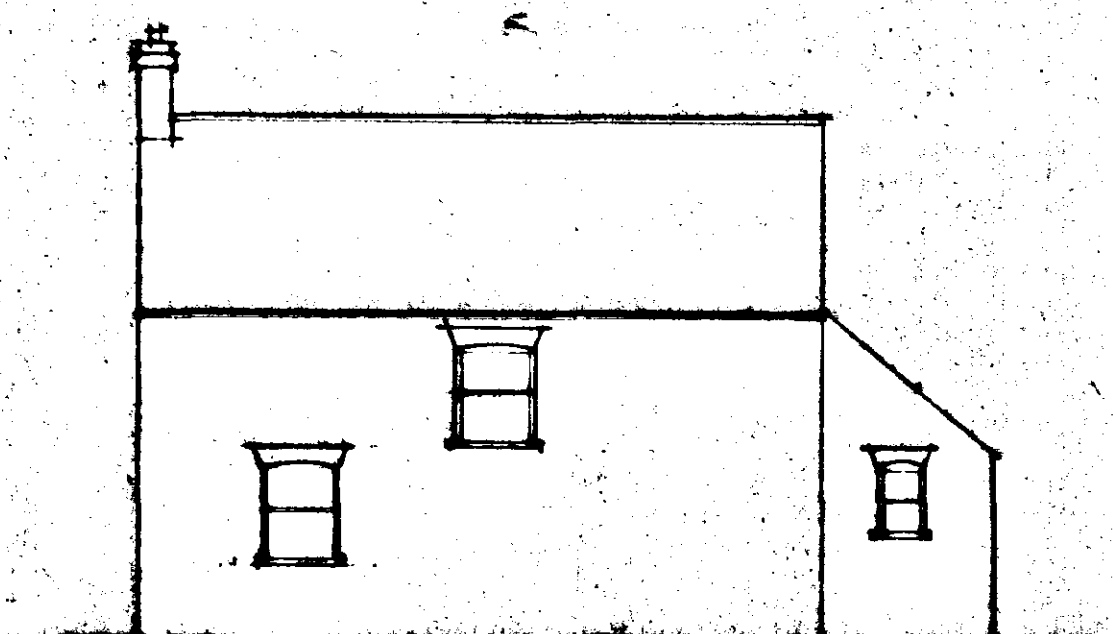
2 Edinburgh Walk, Holford,
Sheffield, S10 2AP
Tel: 0114 2434343 Fax: 0114 2434343



FRONT



SIDE



SIDE

TIMBER TO FRONT OF BORMERS WITH PLAIN TILES TO DORMER CHEEKS

Roof Ventilation
All eaves provide proprietary ventilator equivalent to a 10 mm continuous gap along eaves.

Valleys
Use proprietary lightning valleys or provide Code 4 lead to valleys to make completely watertight.

Kitchen Ventilation
Provide proprietary mechanical extract ventilator unit capable of extracting 60 l/sec. Alternatively provide proprietary cook hood capable of extracting 30 l/sec.

Bedroom Ventilation
Provide proprietary mechanical extract ventilator unit capable of extracting 15 l/sec. System to offer intermittent operation.

Hot Water Storage
Provide system approved by BBA and limited by BBA approved installer. System to be vented and insulated in accordance with BS5615 1985. Provide thermostatic control.

Heating System
Provide room thermostat or thermostatic radiator valves or similar approved to control the output from the heating system.

Insulated Pipes and Ducts
All pipes, which do not contribute to the heating of the building, will be insulated to BS5422 1977.

Safety Glazing
Provide safety glass to BS6266 to all windows to a minimum height of 800 mm above floor level plus doors to a minimum height of 1500 mm above floor level. Side screens to be same as doors if within 200 mm of doors.

Smoke Detection
Provide mains operated self-extinguish smoke detector to BS5446 Part 1 in accordance with Approved Document B1.

Drainwater Goods
PVC rainwater goods 110 mm half round gutters and 60 mm diameter downpipes.

Joinery
All joinery to be made to standards or suitable to join by (J.C.) dovetail joints. All windows to be double-glazed sealed units except to garage.

GL Type L1/575 frame to cavity walls and L16 type internal linings to 100 mm internal walls unless stated otherwise.

Notes

Brickwork to be made to F.T. quality.

Any levels in this drawing are to be above sea level.

All stairways to be minimum 1 m deep.

Provide cavity trays above in the water base.

All external doors to be insulated type.

All external joinery to be fully draught proofed.

Self hatch to be draught sealed and locked shut.

Insulation to roof space to meet with insulation to external cavity walls to prevent cold bridging.

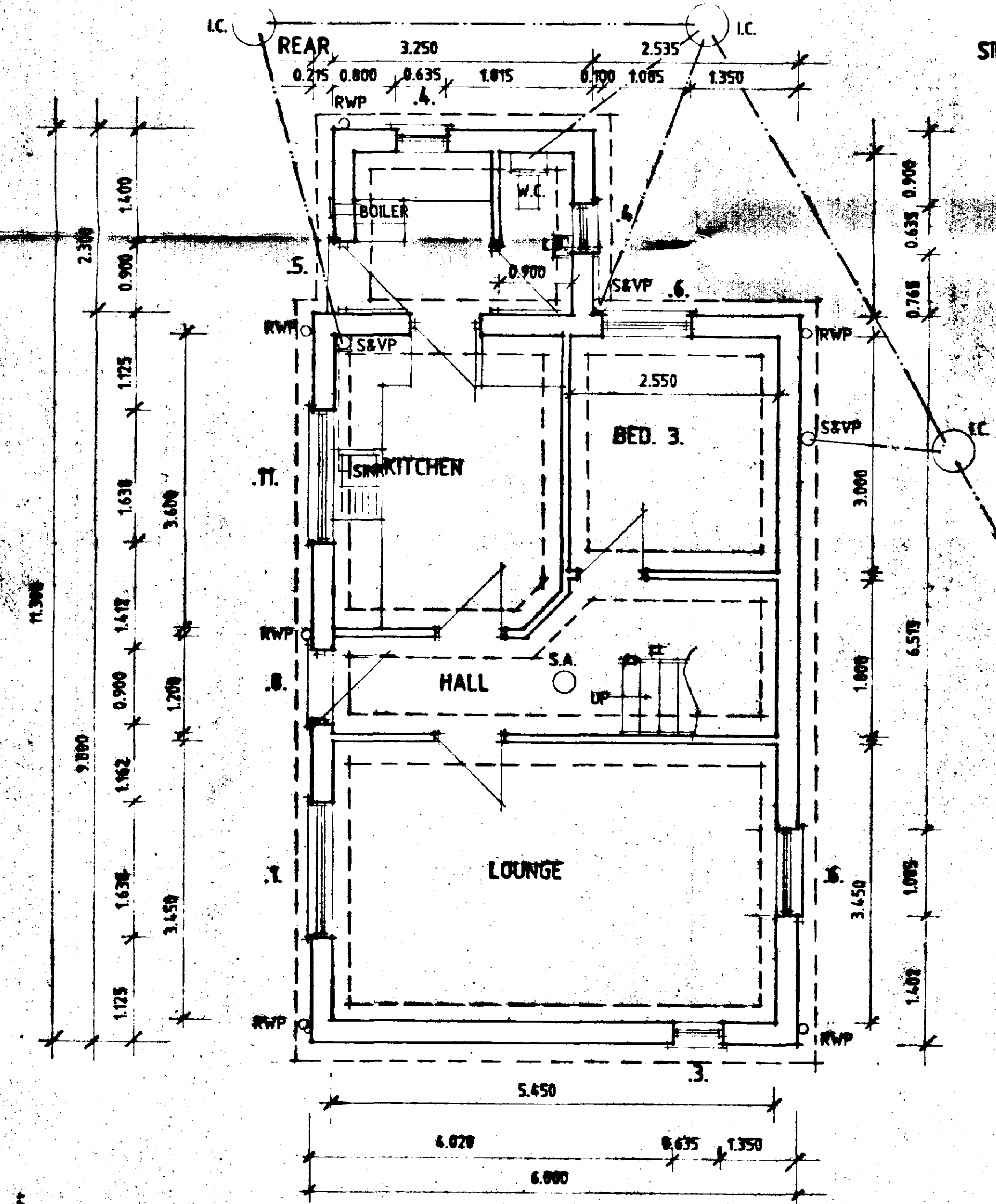
Hot water cylinder to be minimum 115 l capacity.

Seal all openings and joints to perimeter walls.

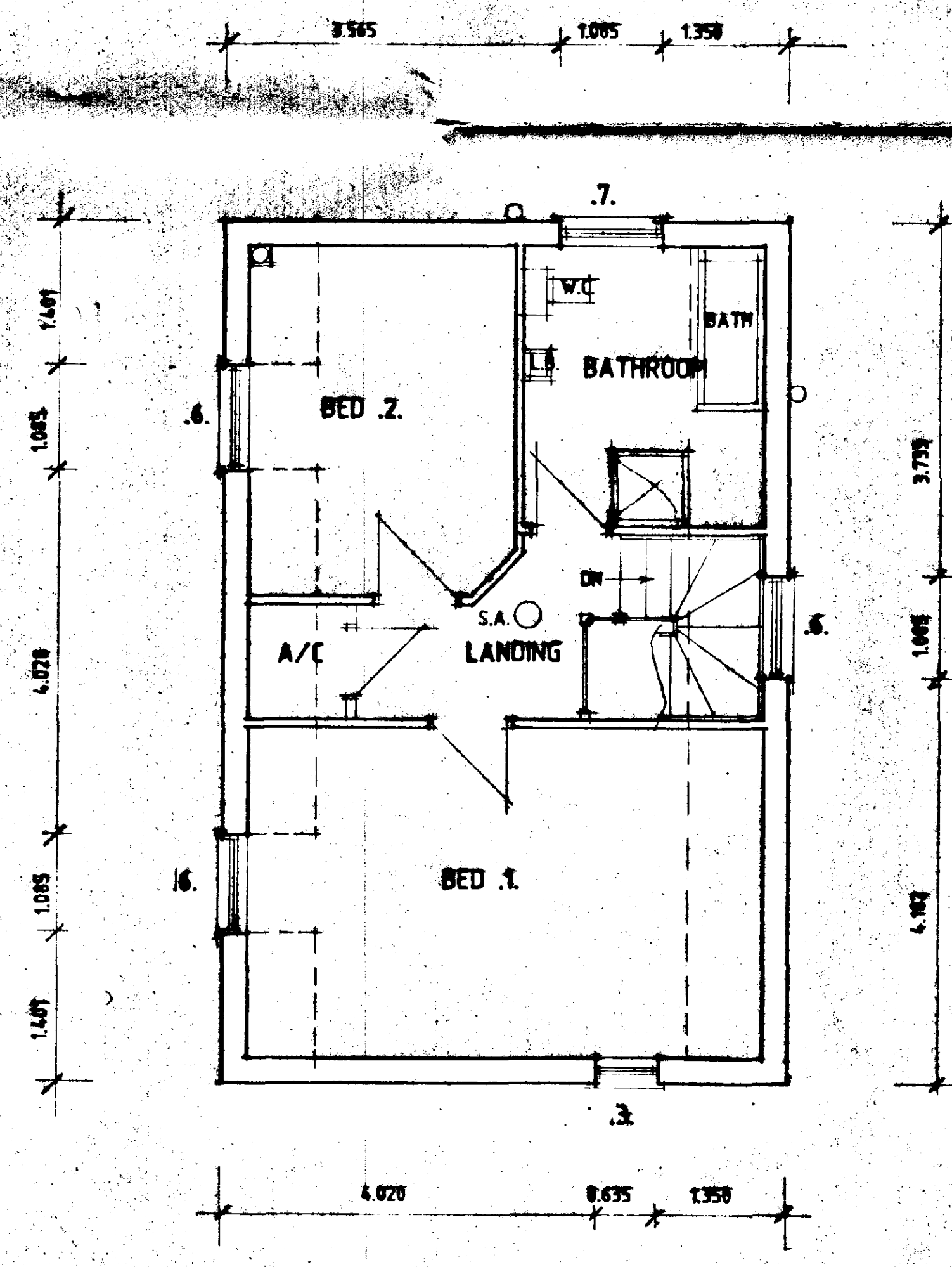
All doors, windows and any self hatch to be effectively sealed and draught proofed.

Storage Floor Construction
150mm concrete suspended with hollow core slab bottom with a layer of A142 mesh on 150mm wall suspended hardcore.

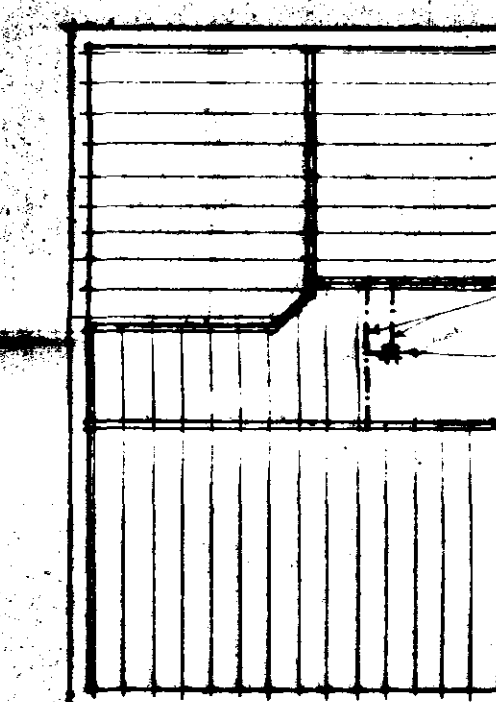
Slurry Churney Support Details
See 'Andrew Firebrace Partnership' structural details 195/47 or ref no. SK/06



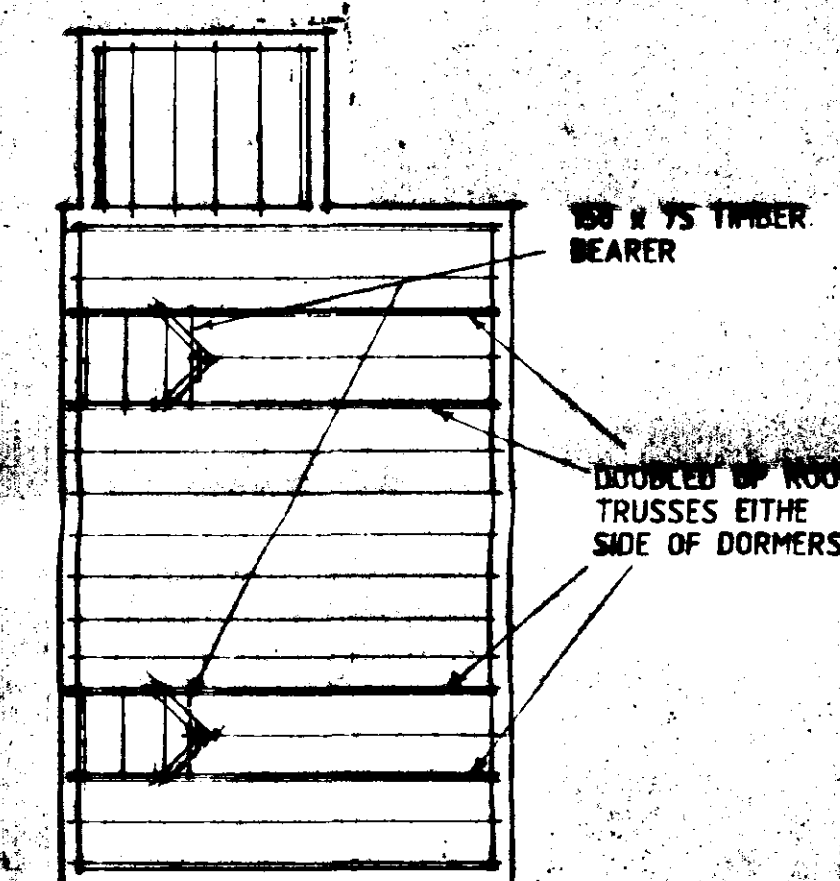
GROUND FLOOR PLAN



FIRST FLOOR PLAN



FLOOR JOIST PLAN



ROOF PLAN

AMENDED PLAN

DOORWAY SCHEDULE	
1.	DR1613
2.	DR1610
3.	DR1613
4.	DR1610
5.	DR1613
6.	DR1610
7.	DR1613
8.	DR1610
9.	DR1613
10.	DR1610
11.	SPECIAL

E - BORMER ALTS - 2.10.98
B - WINDOW ALTS - 17.9.98
C - B.R. ADDITIONS - 22.6.98
D - GENALTS - 13.3.97
A - GEN ALTS - 5.3.97

Status
CONSULTANTS IN ARCHITECTURE & PLANNING

SOUTH-HOLLAND DC
HOUSING & PLANNING
- 5 OCT 1998
955
Ref. 249/98

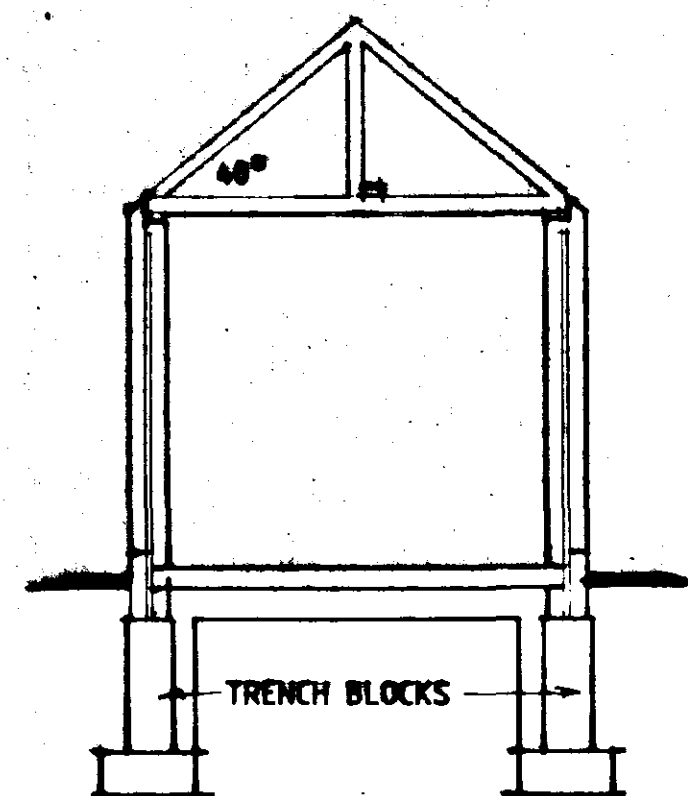
PROPOSED HOUSE AT ABBEY
WALK, CROWLAND FOR

J. B. EASTWOOD.

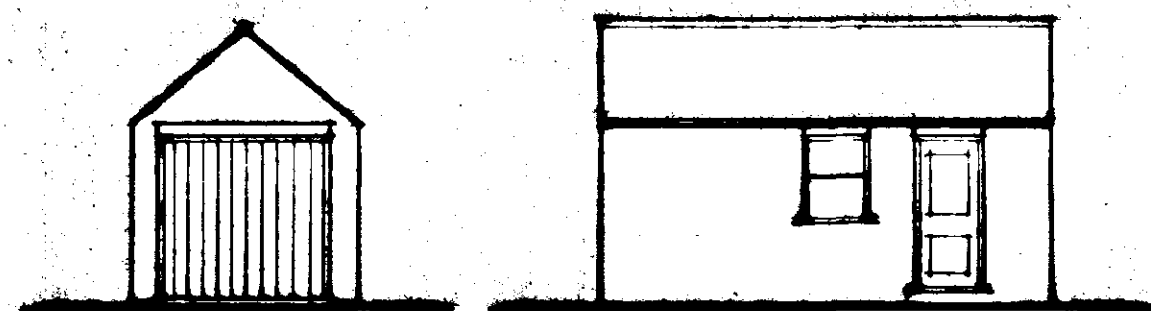
DETERMINED
PLAN

771939/1
B. GLAM.

1 Edinburgh Walk, Huthwaite,
Spalding, Lincs. PE12 7AP.
Tel: 01406 424343 Fax: 01406 490702

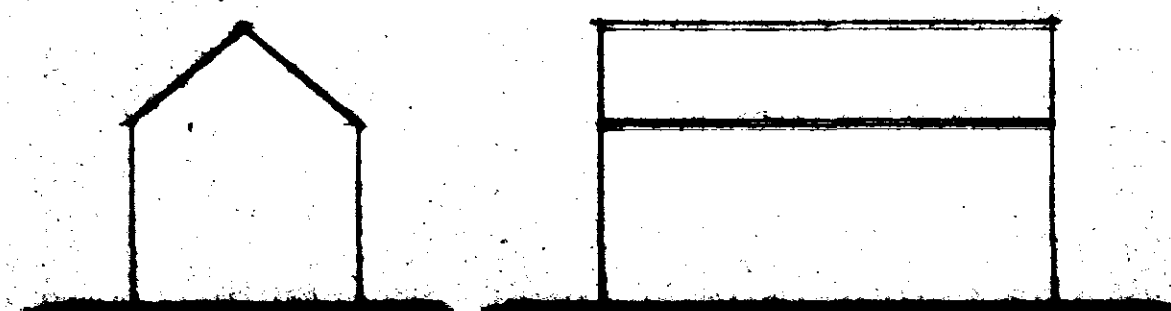


SECTION THRU GARAGE



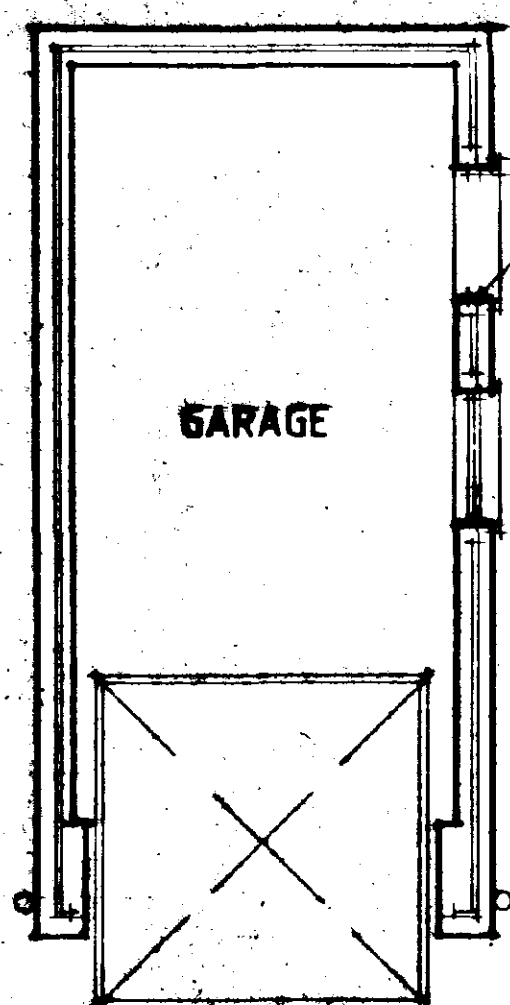
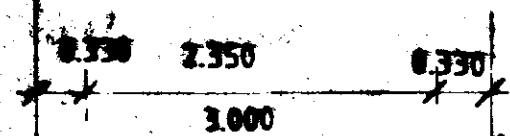
FRONT

SIDE



REAR

SIDE



PLAN

Roof Construction
Concrete interlocking roof tiles (see tile plan for details) on 38 x 25 mm softwood treated timber battens on underlaid to BS747 (Type 1F) lapped 150 mm horizontally and 100 mm vertically. Prefabricated roof trusses at 900 mm c/c and pitch as stated in accordance with BS5268, 1985. Provide 25 x 100 mm timber bracing and fix in accordance with batten manufacturers instructions. All trusses and gable ladders (if any) to be strapped to 50 x 100 mm timber wallplate, the gable wall at verges and ceiling level with 30 x 5 mm mild steel anchor and lateral restraint straps to span minimum 3 no. trusses at a maximum of 1200 mm c/c. At strap positions provide pack and noggins to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site.

Roof Tank Support
Water tank in roof space to be supported on beams to spread the load to BS5268 Part 3 1985.

Roof Ventilation
Provide FV250 by Gable or eave to give ventilation equal to 10mm continuous gap along eaves.

Ceilings
To all insulated roof ceilings provide 12.5 mm Gyproc Duplex plasterboard or similar and either 5 mm skim or Artek finish. To remaining ceilings provide 12.5 mm Gyproc plasterboard or similar with finishes as above.

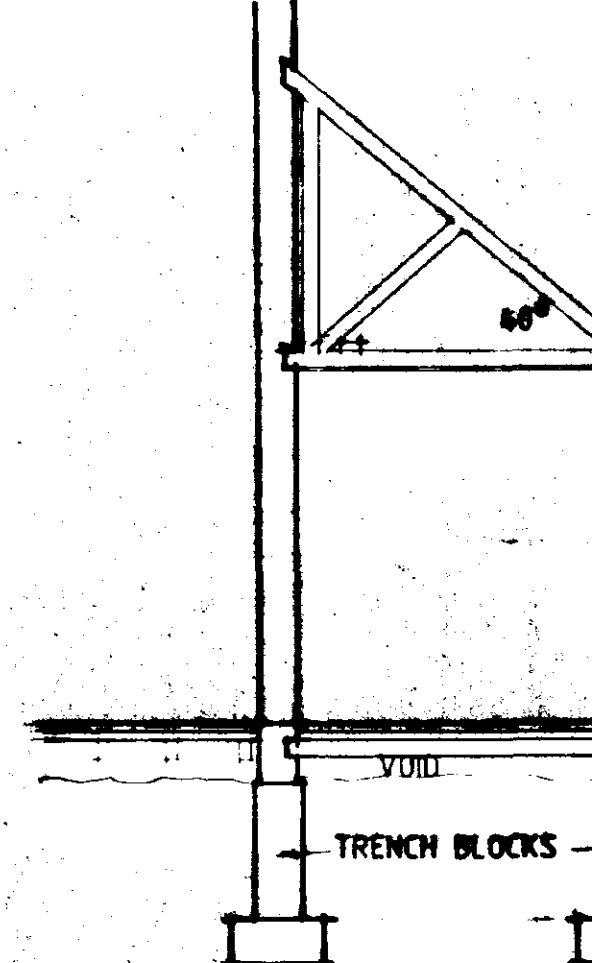
Labels
All coded labels or dated to Schedule or related as per to be by I.G. To be installed in strict accordance with manufacturers instructions. Form d.p.c. cavity tray above all labels. To all exposed labels i.e. not sheltered from overhanging eaves, etc. to have proprietary weepholes to joints of brickwork at approximately 450 mm c/c.

Wall Construction
275 mm cavity walls to be constructed with 140 mm face brickwork (see site plan for details). 75 mm cavity to be filled with Crown Dribbers full cell insulation in accordance with BBA Certificate No. 06/1678 or similar approved, 100 mm internal skin of Tarmac Membrane blockwork. Cavity walls to be tied together using galvanised iron or plastic twist ties spaced 900 mm horizontally and 450 mm vertically to BS1243, 1973. Internal blockwork walls to receive 10 mm sand/cement render and skim finish.

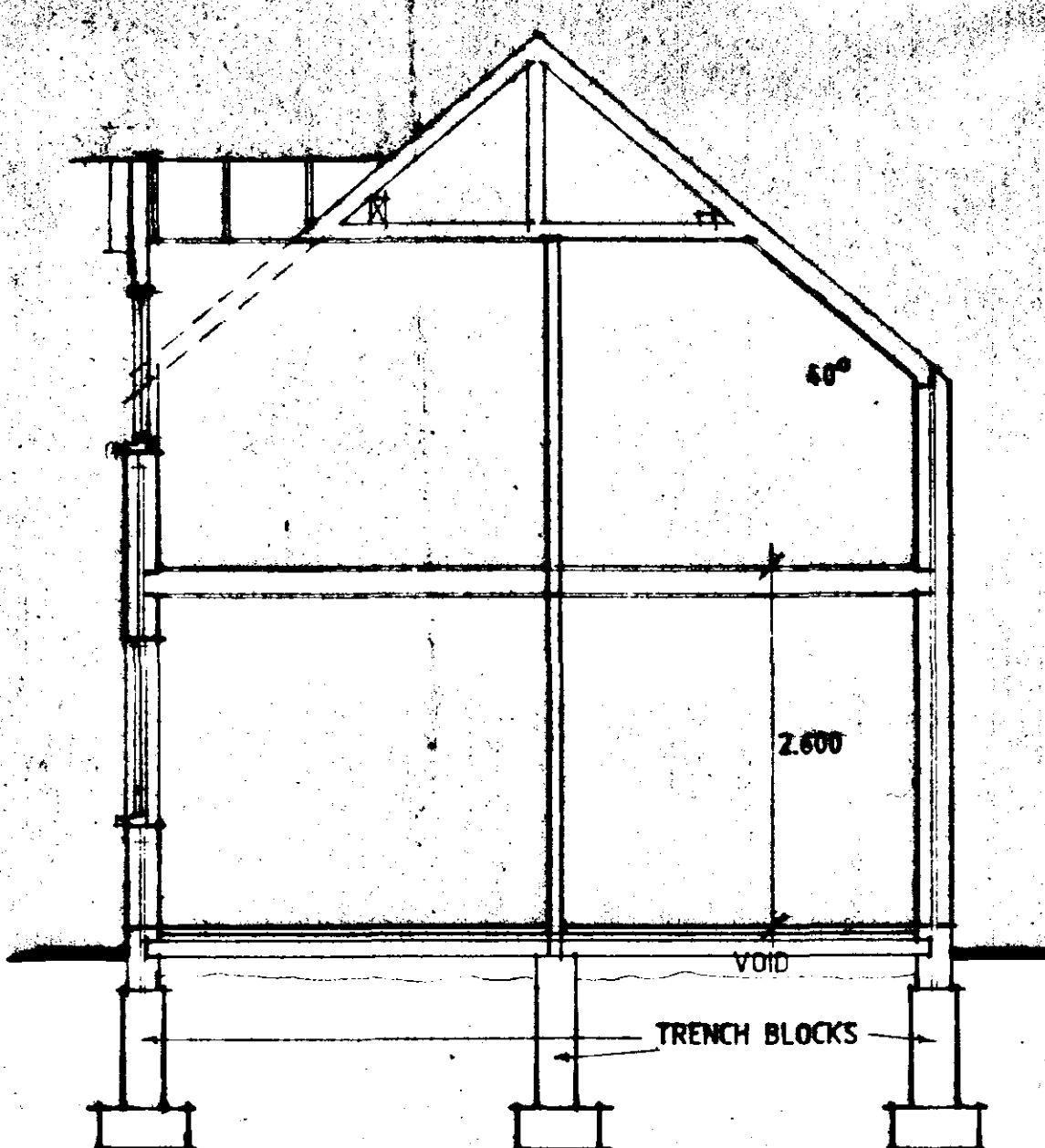
Subsidiary Window/Toggle Ventilation
Provide proprietary trickle ventilators to head of windows giving a total opening area of not less than 8000 mm².

Windows/Doors/Bathrooms/WC Toggle Ventilation
Provide proprietary trickle ventilators to head of window giving a total opening area of not less than 4000 mm².

Utility Ventilation
Provide proprietary automatic correct ventilator unit capable of extracting 30 l/sec. System to offer intermittent operation.



SECTION THRU LEAN-TO



SECTION THRU MAIN HOUSE

GROUND FLOOR

FOOR GROUND FLOOR
DETAILS SEE FLOORSPAN
PRECAST LTD DRG.

Garage Cavity Wall
275mm cavity walls of 140 mm thick brick, 75 mm cavity and 100 mm internal block skin.

Foundations
600mm x 300mm thick C25 concrete foundations to a depth to suit sand/gravel formation. If deeper than 1.75m then increase width of foundations to 750mm.

Ground Floor Construction
60mm sand/cement screed on proprietary Slab thick floor insulation with perimeter insulation to be screed on pre-cast floor laid to manufacturers recommendations.

Protection to External Pipes
Where pipes are not under road and have less than 600 mm cover concrete paving slabs should be laid as bridging above the pipes on minimum 75 mm pea gravel. If flexible pipes are under a road and have less than 900 mm cover reinforced concrete bridging should be used instead of paving slabs.

Inspection Chamber Construction
Proprietary polypropylene inspection chambers bedded on 150 mm concrete. Form protective 255 mm thick concrete collar around head of inspection chamber with 300 mm projection from cover. Covers to be Grade C light duty unless inspection chambers are in driveways where Grade B medium duty covers are to be used.

First Floor Walling
Provide 50 x 75 mm timber vertical studs at 400 mm c/c to be constructed of 50 x 75 mm timber head and sole plates. Provide 12.5 mm Gyproc plasterboard and skim finish to both sides. Provide to airspace proprietary acoustic insulation (optional). Timber stud partitions running parallel to joist direction to be built off 2 no. floor joists fixed together. Provide 1 no. joist either end of stud partition joist beam to fix flooring.

First Floor Construction
19mm flooring grade moisture resistant decking on timber joists as stated on plan. Joists built into external wall 100 mm. Provide 30 x 5 mm mild steel restraint straps to joists running parallel with wall securely fixed to walls and to span minimum 3 no. joists at maximum 1200 mm c/c. At strap positions provide pack and noggins to joists. Provide batten/strapping strutting if shown on plan. Double up floor joists locally under bath and hot water cylinder where applicable. Floor joists 175 x 50 SC3 grade at 400 mm c/c.

Bath
Provide bath and shower tray of equal or equal rating in position indicated on drawing to be either a wall hung type or free standing on 125 mm high concrete base above oversite. Bath to have protective guard cover and to be a minimum 300 mm from any opening into the building which is wholly or partially above the terminal. Read in conjunction with Approved Document J1/2/3.

Roof Insulation
To roof space provide proprietary 200 mm thick insulation laid as 100 mm between joists and 100 mm across joists. Ensure a gap of 50 mm between roof underfelt and quilt at all times.

Roof Water Drainage
Underground drainage to be proprietary 110 mm diameter p.v.c. pipe flexible joined to fall 1:70 bedded in 100 mm pea gravel. Under building drains to be encased in 150 mm pea gravel with lintel over pipes at wall abutments. Surround pipes at wall abutments with 50 mm compressible material. 110 mm diameter soil and vent pipe to extend 900 mm above window head and to terminate in balloon finish. Soil and vent pipe to be fitted with access plate at base. Provide suitably sized waste from all appliances (in accordance with Approved Document H) complete with minimum 75 mm deep sealed traps and rodding eye access points at every direction change. All above ground drainage to BS5582 and all underground drainage to BS301.

Surface Water Drainage
To be proprietary 110 mm diameter p.v.c. pipe flexible joined to fall 1:70 bedded in 100 mm pea gravel. Pipes to discharge into 1200 mm diameter soakways sited 5000 mm away from buildings.

Roof Water Drainage
Underground drainage to be proprietary 110 mm diameter p.v.c. pipe flexible joined to fall 1:70 bedded in 100 mm pea gravel. Under building drains to be encased in 150 mm pea gravel with lintel over pipes at wall abutments. Surround pipes at wall abutments with 50 mm compressible material. 110 mm diameter soil and vent pipe to extend 900 mm above window head and to terminate in balloon finish. Soil and vent pipe to be fitted with access plate at base. Provide suitably sized waste from all appliances (in accordance with Approved Document H) complete with minimum 75 mm deep sealed traps and rodding eye access points at every direction change. All above ground drainage to BS5582 and all underground drainage to BS301.

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Roof Water Drainage
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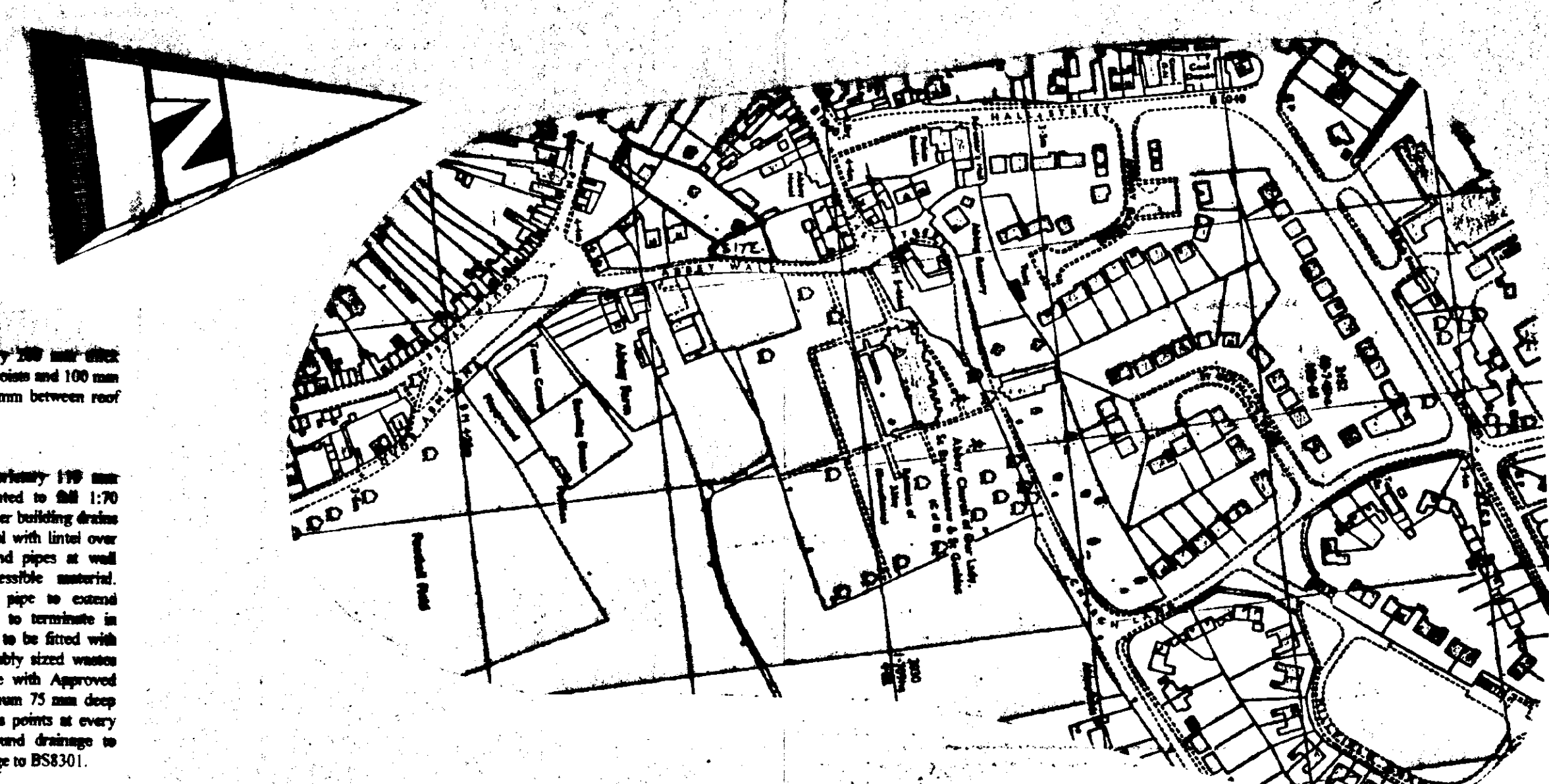
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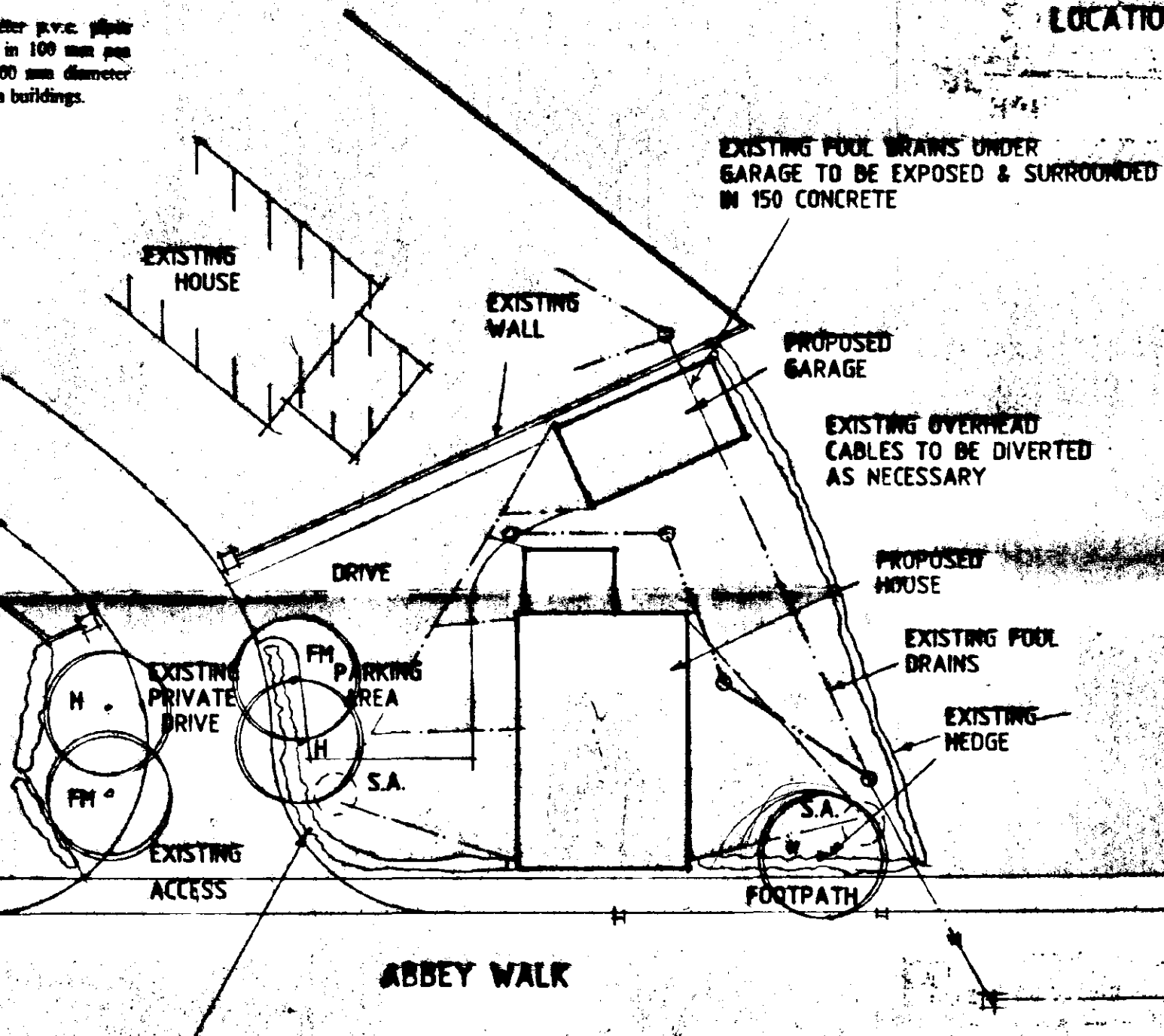
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LOCATION PLAN



PROPOSED HAWTHORN HEDGE
OF 2ND ROWS OF STAGGERED
PLANTING

SITE PLAN

AMENDED PLAN
Ref.

EXTERNAL MATERIALS
REDLAND, TERRACOTTA, CLAY PANTILES
BUTTERLEY, KNIGHTSBRIDGE MULTI STOCK
FACING BRICKS

DRIVE
WASHED GRAVEL ON WELL COMPACTED
HARDCORE WITH CONC. EDGING KERBS.

LANDSCAPING
EXISTING HEDGING TO REMAIN WHERE
POSSIBLE WITH ADDITIONAL HEDGE TO
MATCH ADJ. PRIVATE DRIVE AS SHOWN

PLANT TREES AS SHOWN MIN. HEIGHT
ON PLANTING TO BE 2.0m
PM - FIELD MAPLE
H - HAWTHORN

G - BRG. ADDED & LANDSCAPING - 17.9.98
F - B.R. ADDITIONS - 20.8.98
E - B.R. ADDITIONS - 23.6.98
D - EXTERNAL MATERIALS - 23.6.98
C - PLANNING ADDITIONS - 25.3.97
B - GEN ALTS 19.3.97
A - GEN ALTS - 5.3.97

Status
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED HOUSE AT ABBEY
WALK, CROWLAND FOR

A. B. EASTWOOD

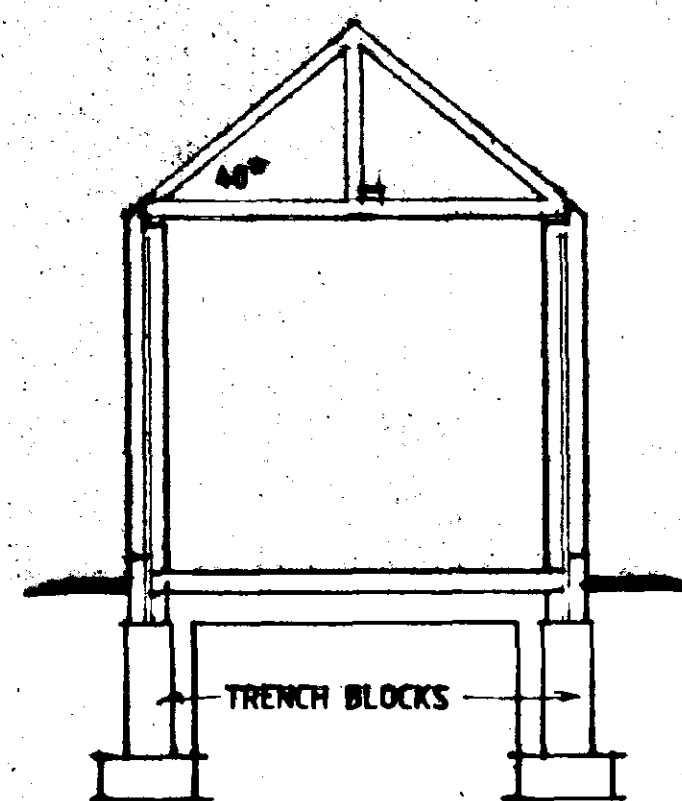
SITE LAYOUT &
GARAGE

250 1100
22500 1200 771939/2
FEB-97 B.G.L.M.A.

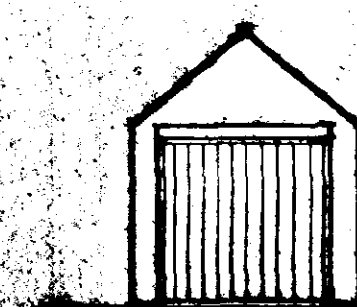
DETERMINED
PLAN

Spalding, Lincs. PE12 7AP
Tel: 01406 424343 Fax: 01406 490707

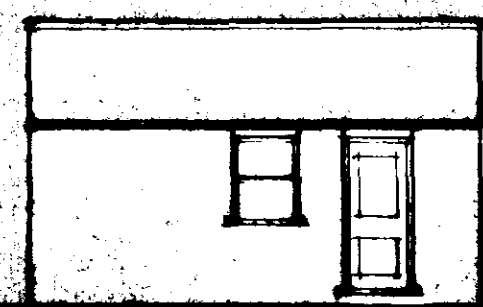
THIS DRG. TO BE READ IN CONJUNCTION WITH
771939/1 & ANDREW FIBRACE
PARTNERSHIP P95/47, SK/06
& FLOORSPAN PRECAST LTD. DRG.
& 771939/5



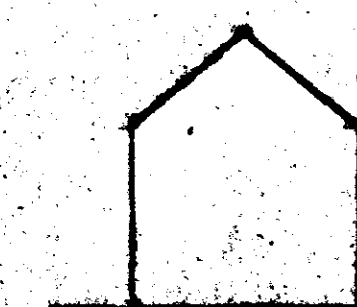
SECTION THRO GARAGE



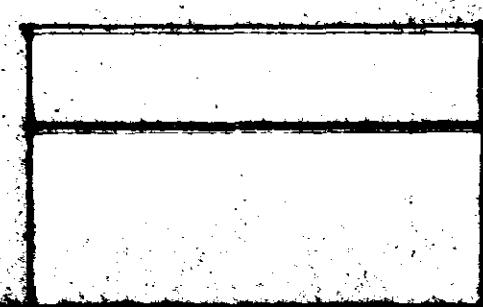
FRONT



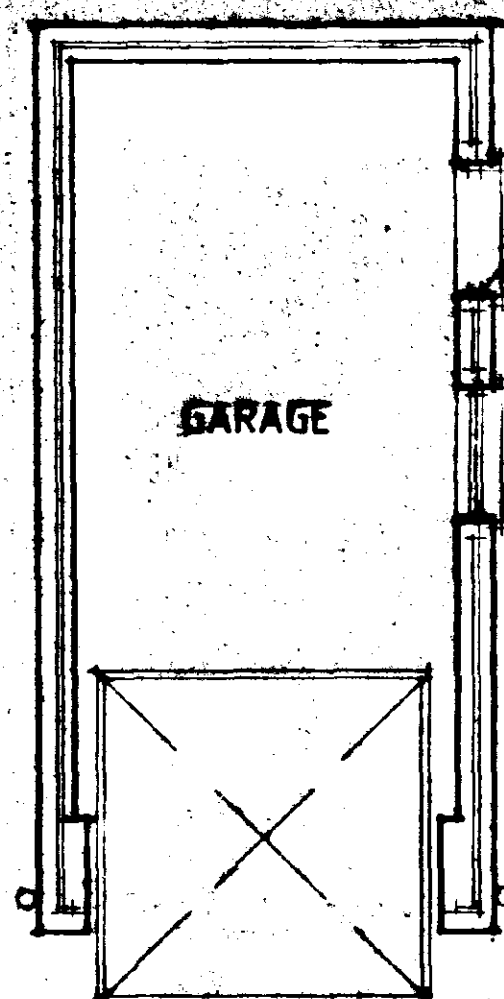
SIDE



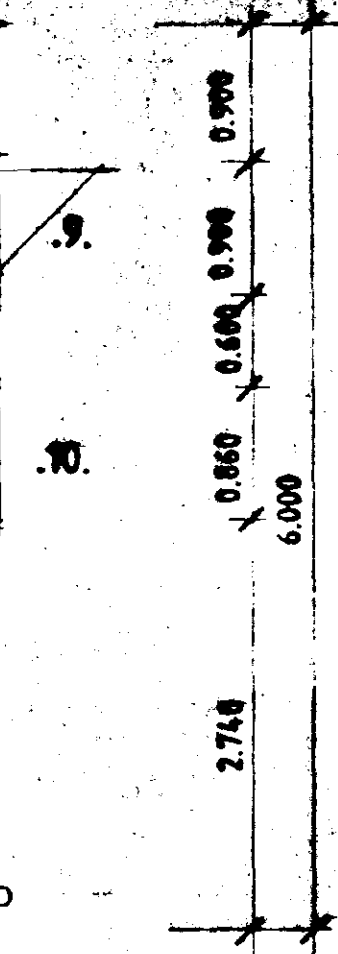
REAR



SIDE



PLAN



GROUND FLOOR

FOUR GROUND FLOOR
DETAILS SEE FLOORSPAN
PRECAST LTD DRG.

Garage Cavity Wall
275mm cavity walls to be constructed of 100mm thick bricks, 75mm cavity and 100mm internal block skin.

Foundations
600mm x 300mm deep C25 concrete foundations to a depth to suit sand/gravel formation. If deeper than 1.7m then increase width of foundations to 750mm.

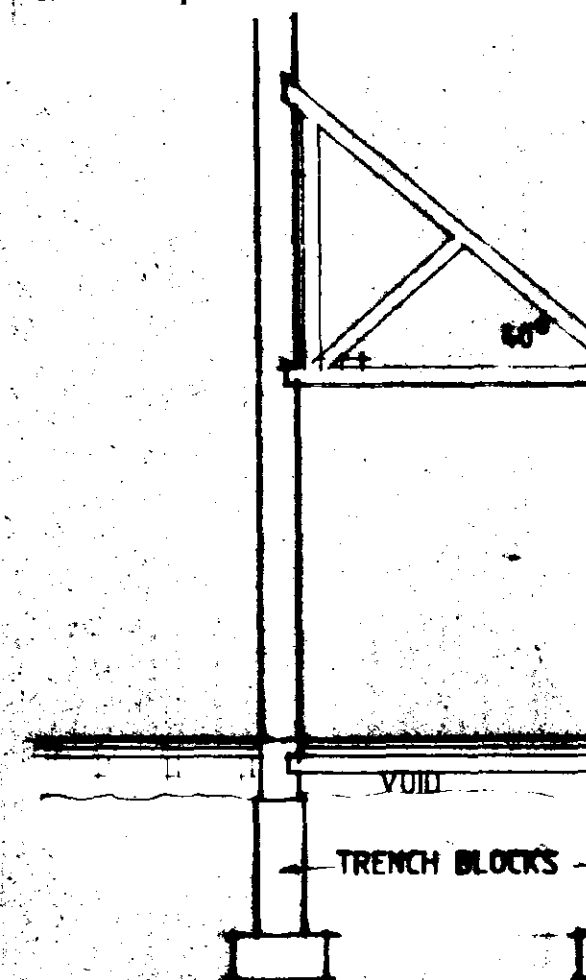
Ground Floor Construction
60mm sand/cement screed on proprietary 50mm thick floor insulation with perimeter insulation to be based on pre-cast floor laid to manufacturers recommendations.

Roof Construction
275mm cavity walls to be constructed of 100mm face brickwork (see also plan for details). 75mm cavity to be filled with Crown Driftless fall insulation in accordance with BBA Certificate No. 86/1678 or similar approved. 100mm internal skin of Tarmac Hamelite blockwork. Cavity walls to be spaced 900mm horizontally and 450mm vertically to BS1243, 1972. Internal blockwork walls to receive 10mm sand/cement render and skim finish.

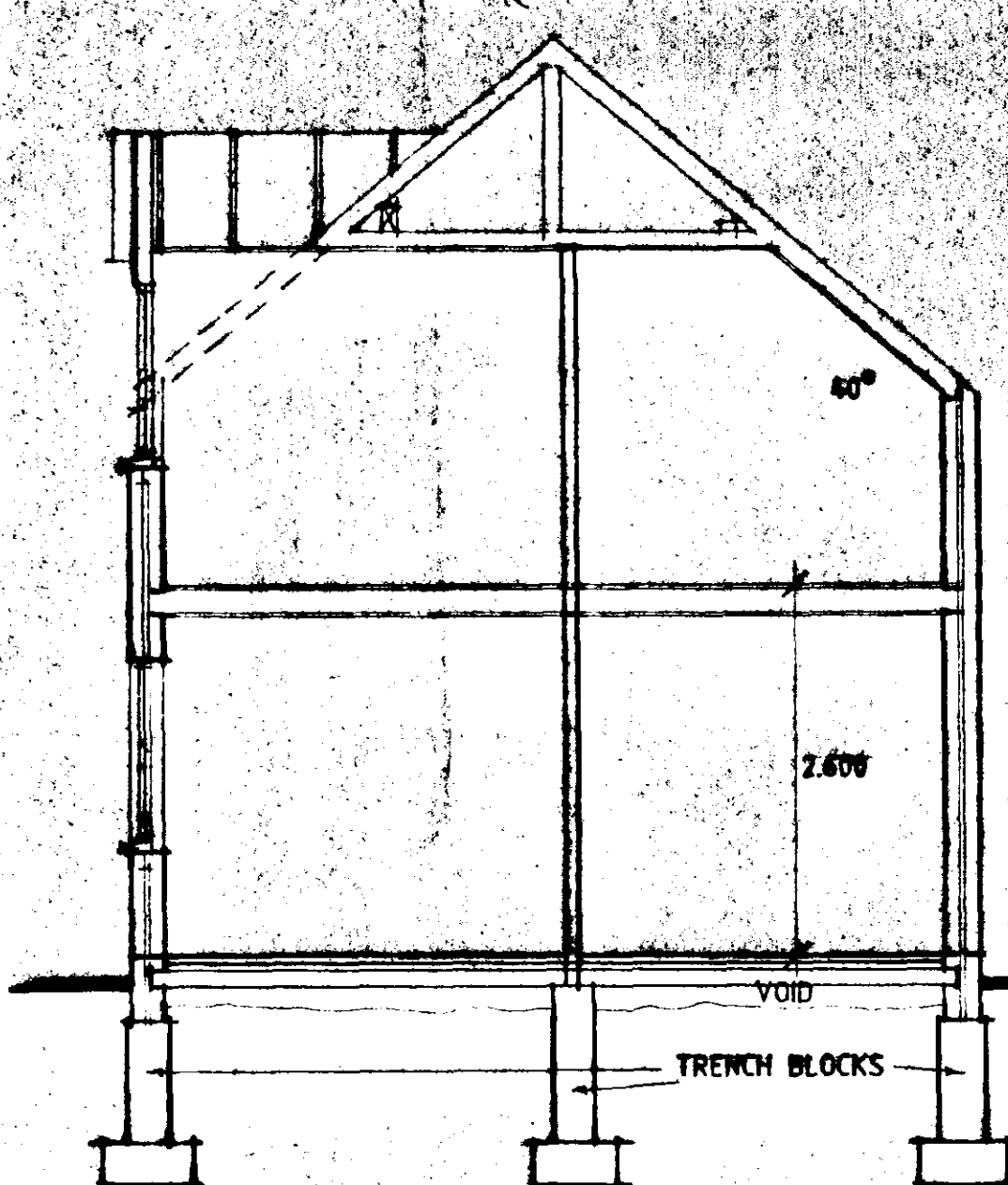
Roofline Front Trickle Ventilation
Provide proprietary trickle ventilators to limit of windows giving a total opening area of not less than 8000mm.

Roofline/Utility/Bathroom/WC Trickle Ventilation
Provide proprietary trickle ventilators to limit of windows giving a total opening area of not less than 4000mm.

Utility Ventilation
Provide proprietary mechanical extract ventilation unit capable of extracting 30 l/sec. System to offer intermittent operation.



SECTION THRO LEAN-TO



SECTION THRO MAIN HOUSE

Protection to Underpinning Pipes
Where pipes are not under road and have less than 600mm cover concrete paving slabs should be laid as bridging above the pipes on minimum 75mm pea gravel. If flexible pipes are under a road and have less than 900mm cover reinforced concrete bridging should be used instead of paving slabs.

Inspection Chamber Construction
Proprietary polypropylene inspection chamber based on 150mm concrete. Form protective 255mm thick concrete collar around head of inspection chamber with 300mm projection from cover. Covers to be Grade C light duty unless inspection chambers are in driveways where Grade B medium duty covers are to be used.

First Floor Walling
Provide 50 x 75mm timber vertical studs to 400mm o/c to be constructed of 50 x 75mm timber head and sole pieces. Provide 12.5mm Gyproc plasterboard and skim finish to both sides. Provide to airspace proprietary acoustic insulation (optional). Timber stud partitions running parallel to joist direction to be built off 2 no. floor joists fixed together. Provide 1 no. joist either end of stud partition joint beam to fix flooring.

First Floor Construction
When flooring grade moisture resistant sheathing to timber joists as stated on plan. Joists built into external wall 100mm. Provide 30 x 5mm mild steel restraint straps to joists running parallel with wall securely fixed to walls and to span minimum 3 no. joists at maximum 1200mm o/c. At strap positions provide pack and noggins to joists. Double up floor joists locally under bath feet and hot water cylinder where applicable. Floor joists 175 x 50 SC3 grade at 400mm o/c.

Boiler
Provide balanced flue type gas boiler of required rating in position indicated on drawing to be either a wall hung type or free standing on 125mm high concrete hearth above oversite. Boiler outlet to have protective guard cover and to be a minimum 300mm from any opening into the building which is wholly or partially above the terminal. Read in conjunction with Approved Document J1/23.

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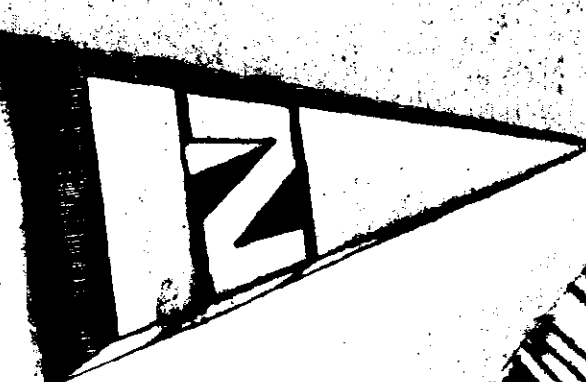
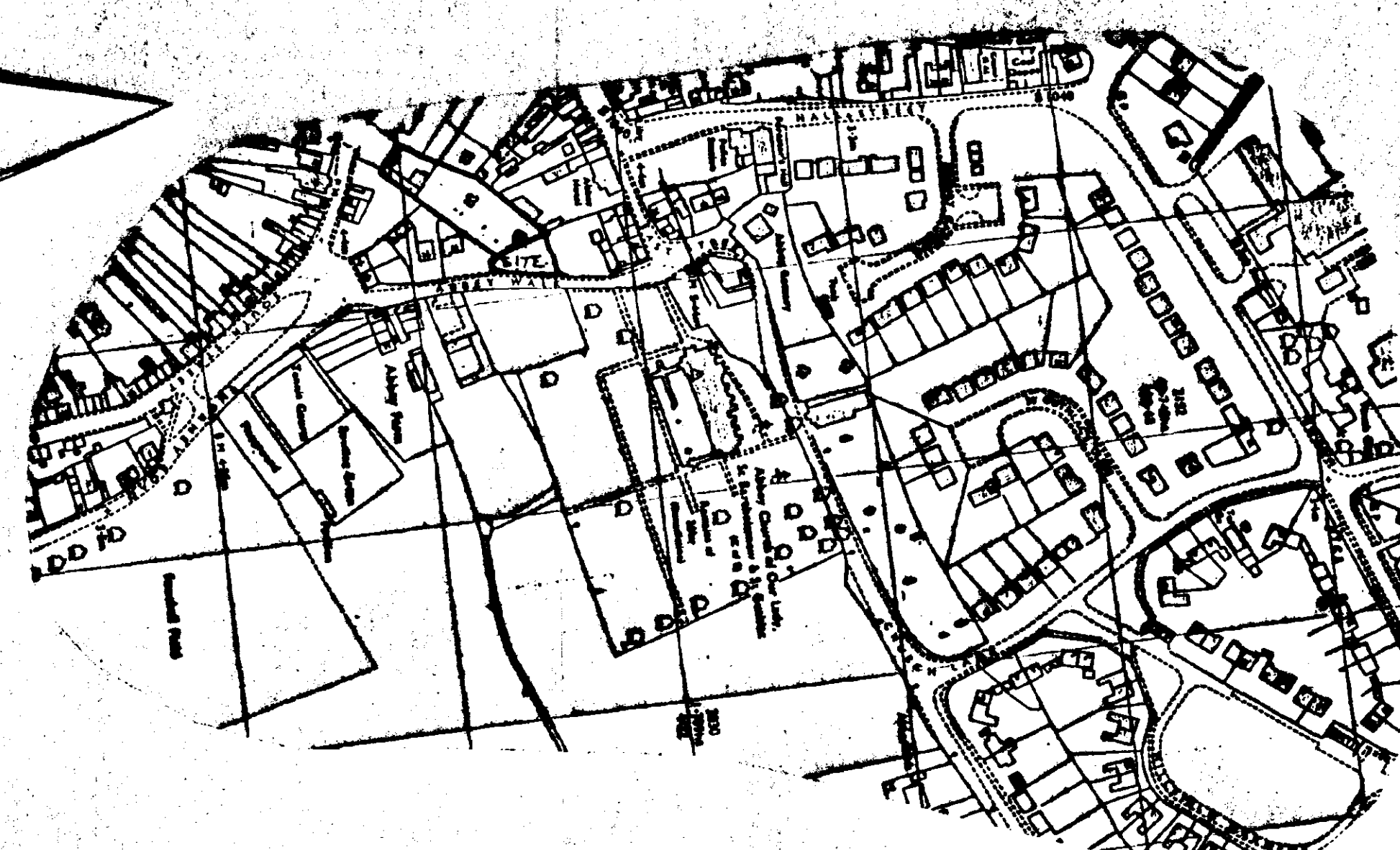
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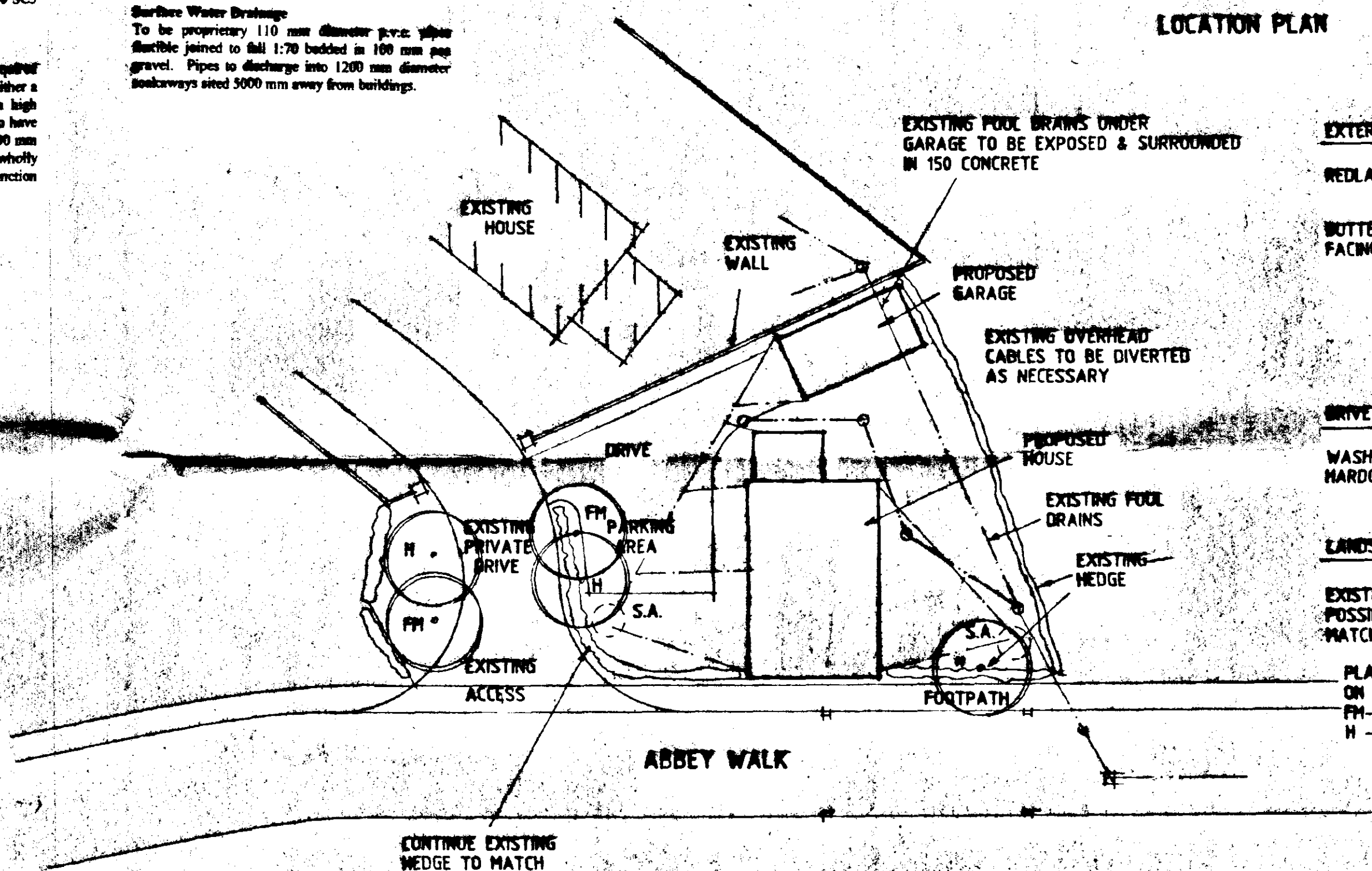
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LOCATION PLAN



SITE PLAN

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BUTTERLEY, KNIGHTSBRIDGE MULTI STOCK FACING BRICKS

DRIVE

WASHED GRAVEL ON WELL COMPACTED MANDOCORE WITH CONC. EDGING KERBS.

LANDSCAPING

EXISTING HEDGINGS TO REMAIN WHERE POSSIBLE WITH ADDITIONAL HEDGE TO MATCH ADJ. PRIVATE DRIVE AS SHOWN

PLANT TREES AS SHOWN MIN. HEIGHT ON PLANTING TO BE 2.0m
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H - HAWTHORN

- G - DRG. ADDED & LANDSCAPING - 47.9.98
- F - B.R. ADDITIONS - 20.8.98
- E - B.R. ADDITIONS - 23.6.98
- D - EXTERNAL MATERIALS - 3.3.98
- C - PLANNING ADDITIONS - 25.3.97
- B - GEN ALTS 13.3.97
- A - GEN ALTS - 5.3.97

Status
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED HOUSE AT ABBEY WALK, CROWLAND FOR

J. B. EASTWOOD

SITE LAYOUT & GARAGE

£50 £100
£2500 £200 771939/2
FEB-97 B. GILMAN

SUPERSEDED

1 Edinburgh Walk, Holbeach, Spalding, Lincs. PE12 7AP
Tel: 01406 424343 Fax: 01406 496702

THIS DRG. TO BE READ IN CONJUNCTION WITH
771939/1 & ANDREW FIBRACE
PARTNERSHIP P95/47, SK/06
& FLOORSPAN PRECAST LTD. DRG.
& 771939/5