

ROOF CONSTRUCTION
Concrete interlocking roof tiles (see plan) on 25 x 25 softwood treated timber battens on underfelt to BS747 (Type 1F) lapped 150mm horizontally and 100mm vertically. Prefabricated roof trusses at 800mm c/c and pitch as stated in accordance with BS5268 Part 3, 1985. Provide 25 x 100mm timber bracing and fix in accordance with truss manufacturers instructions. All trusses and gable ladders (if any) to be strapped to 50 x 100mm timber wallplate, the gable wall at verges and ceiling level with 30 x 5mm mild steel anchor and lateral restraint straps to span minimum 3 no. trusses at a maximum of 1200mm c/c. At strap positions provide pack and nogging to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site.

ROOF VENTILATION
At eaves provide proprietary ventilation equivalent to a 10mm continuous gap along eaves.

VALLEYS
Use proprietary fibreglass valleys or provide Code 4 lead to valleys to make completely watertight.

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

BOLLER
Provide ballcock float type oil filled boiler of required rating in to be either a wall hung type or freestanding on 125mm high concrete hearth above oversite. Boiler to have protective guard cover and to be minimum 600mm from any opening into the building. Read in conjunction with Approved Document J1/2/3.

ROOF INTERSECTIONS
If compound truss used, where main trusses fix to compound truss provide proprietary truss connectors. Provide 32 x 175mm valley lay boards and fix reducing trusses over to complete roof intersection. Fix in accordance with roof truss manufacturers instructions.

ROOF WATER DRAINAGE
Underground drainage to be proprietary 110mm diameter P.V.C. pipes flexible jointed to fall 1:70 bedded in 100mm pea gravel. Under building drains to be encased in 150mm pea gravel with lintel over pipes at wall abutments. Surround pipes at wall abutments with 50mm compressible material. 110mm diameter soil and vent pipe to extend 900mm above window head and to terminate in balloon finial. Soil and vent pipe to be fitted with access plate at base. Provide suitably sized weathers from all appliances (in accordance with Approved Document H) complete with minimum 75mm deep sealed traps and rodding access points at every direction change. All above ground drainage to BS5582 and all underground drainage to BS8301.

SURFACE WATER DRAINAGE
To be proprietary 110mm diameter P.V.C. pipes flexible jointed to fall 1:70 bedded in 100mm pea gravel. Pipes to discharge into 1200mm diameter soakaways sited 5000mm away from buildings.

PROTECTION TO UNDERGROUND 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 75 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 chambers bedded 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.

NEW/OLD WALLING
Where new walling meets old provide proprietary vertical flexible wall starters.

RAILIER COURSE
Provide soldier course brickwork to all areas where shown on elevations.

STRUCTURE WALLING
100mm Class A dense concrete blocks. External felt d.p.c. to external walls 150mm above ground level. Weak mix infill to base of cavities to terminate 225mm below lowest d.p.c. level.

FOUNDATIONS
As indicated on plan provide concrete strip foundations. To cavity walls provide 700mm wide x 225mm thick and to 100mm walls provide 450mm wide x 225mm thick, unless noted otherwise. To non-loadbearing internal walls thicken out ground floor oversite concrete to 450mm wide x 200mm thick. Widen foundations at chimney breast accordingly and make 300mm thick. Foundations to taken down to an approved firm base, subject to local authority specifications. Concrete to be ST3 grade unless noted otherwise.

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 to a minimum height of 900mm above floor level plus doors to a minimum height of 1500mm above floor level. Side screens to be same as doors if within 300mm of doors.

SKIRTS
All coded skirting as stated in Schedule 6 marked on plan to be by I.G. to be installed in strict accordance with manufacturers instructions. Form d.p.c. cavity tray above all lintels. To all exposed lintels i.e. not sheltered from overhanging eaves, etc. to have proprietary weepholes to joints of brickwork at approx. 450mm c/c.

RESISTANCE WITH TRICKLE VENTILATION
Provide proprietary trickle ventilators to head of windows giving a total opening area of not less than 8000mm².

NO TRICKLE VENTILATION
Provide proprietary trickle ventilators to head of window giving a total opening area of not less than 4000mm².

REVEALS
Ensure the path through all window and door reveals, including lintels, is limited to a minimum 'U' value of 1.2W/m²K, also at every closure of cavity provide d.p.c.

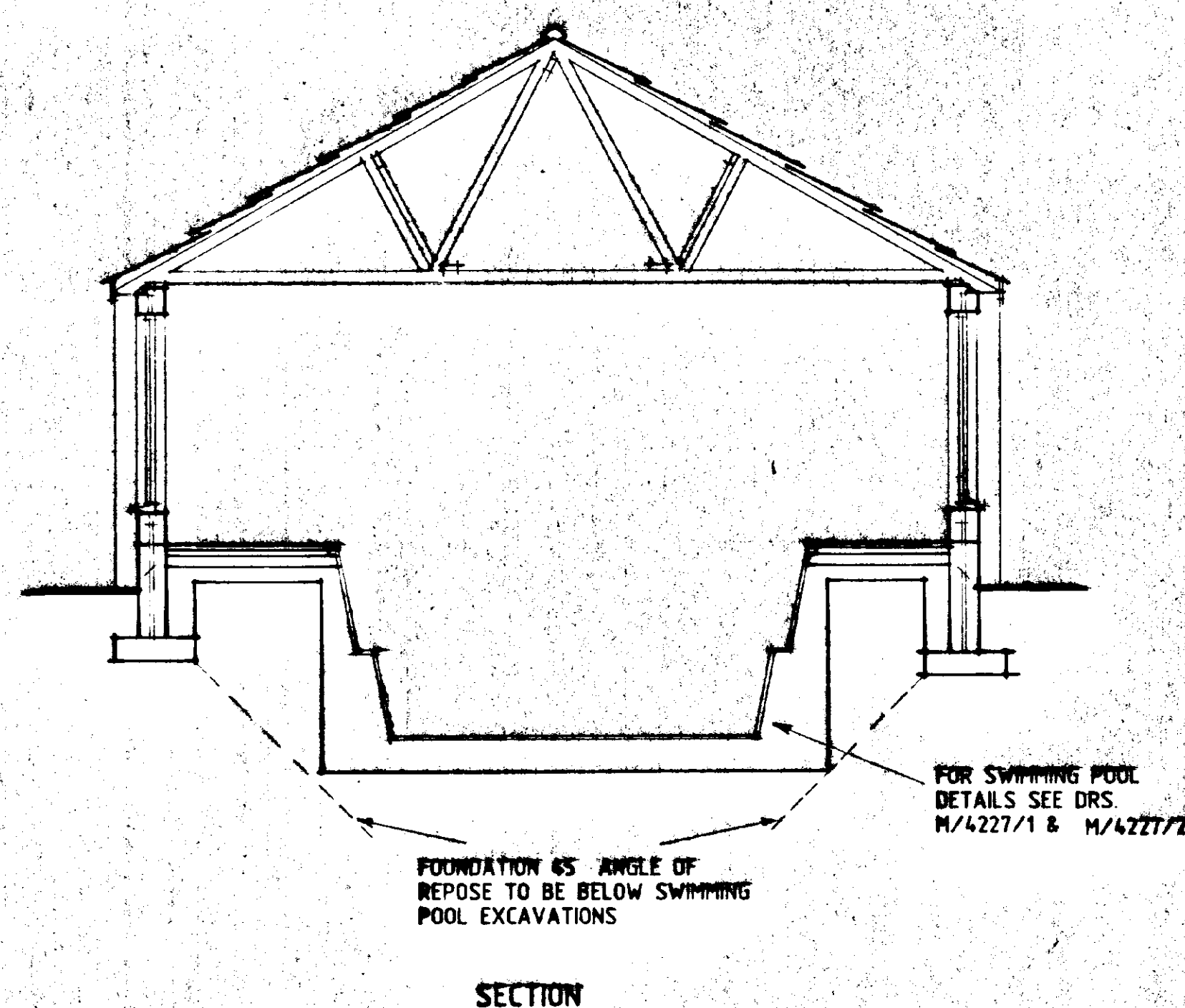
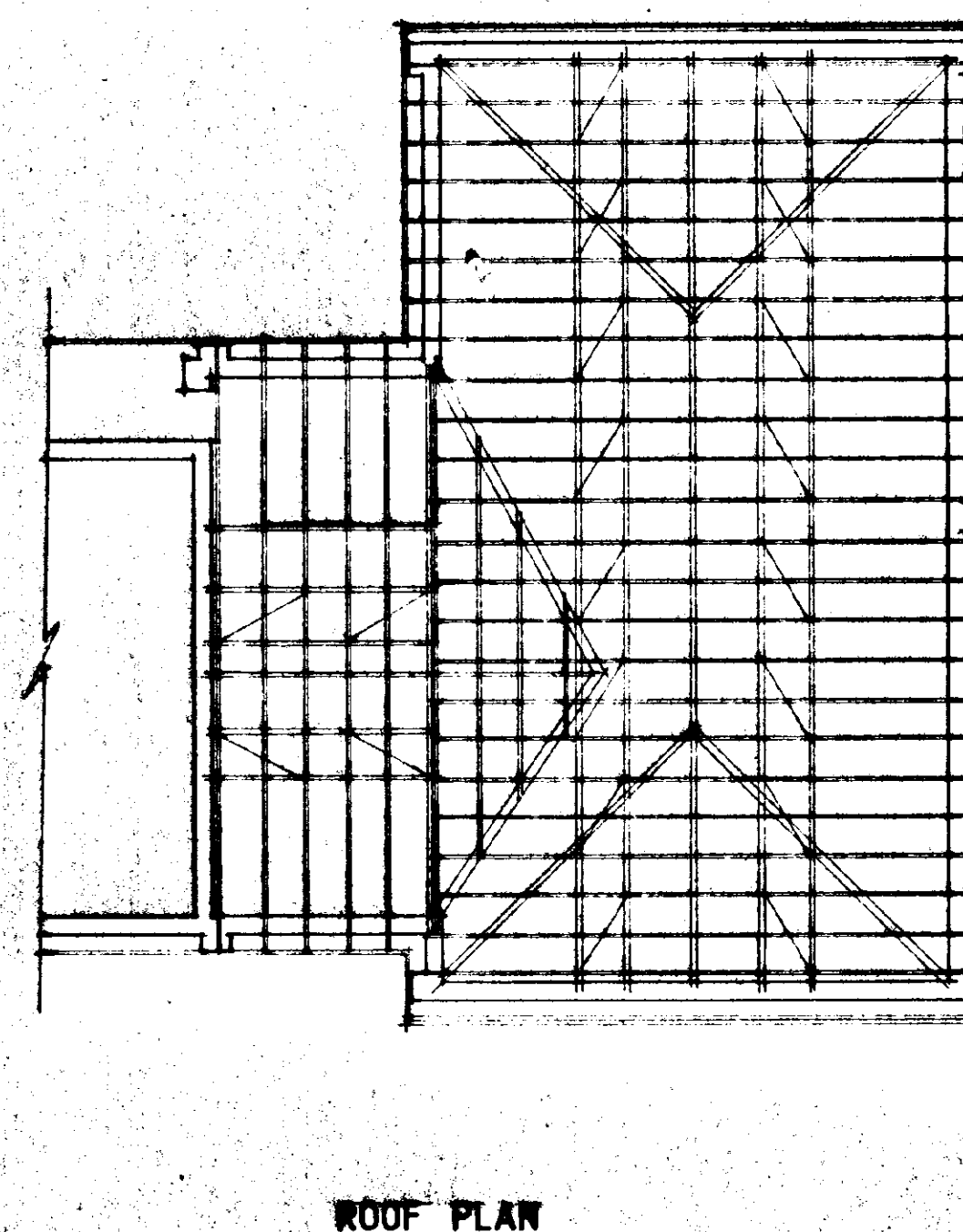
RAINWATER GOODS
P.V.C. rainwater goods fit half round gutters and 60mm diameter downpipes.

GROUND FLOOR CONSTRUCTION
SLABS ON
To sand/cement screed on proprietary 100mm thick floor insulation with perimeter insulation to be on 1200 gauge polythene d.p.m. on 100mm concrete oversite on minimum 150mm maximum 600mm well blinded and compacted hardcore. Wall d.p.c. to lap floor d.p.m. by a minimum of 50mm.

PLASTER AND WORKBOARDS
To be 25 x 175mm PSE with 6mm groove to accept 6mm thick exterior grade plywood soffit.

WELL CONSTRUCTION
275mm cavity walls to consist of:-
100mm face brickwork (see site plan for details), 75mm cavity to be filled with Crown Ditherma full fill insulation in accordance with BBA Certificate No. 86/1678 or similar approved, 100mm internal skin of FACING BRICK. Cavity walls tied together using galvanised iron or plastic twist ties spaced 900mm horizontally and 450mm vertically to BS1243, 1978. Internal blockwork walls to receive 10mm sand/cement render and skim finish.

CEILING
GYPROC MOISTURE RESISTANT PLASTERBOARD OR OTHER APPROVED SYSTEM. SEE INFORMATION FROM BRITISH GYPSUM DATED 23.1.97



AMENDED PLAN
Ref.

SOUTH HOLLAND DC
HOUSING & PLANNING
27 JAN 1997
Ref. 1136/96

RECEIVED
PLAN

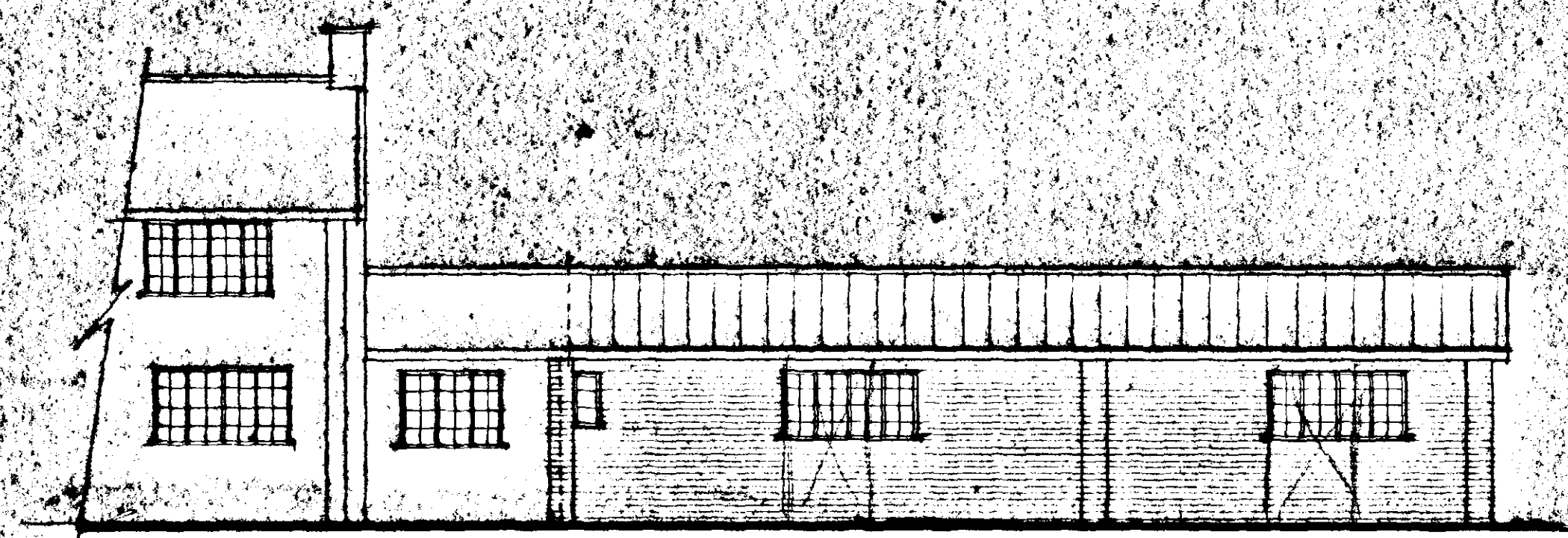
DESIGN **Status**
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED SWIMMING POOL
EXTENSION AT LITTLE LANE,
SURFLEET, FOR

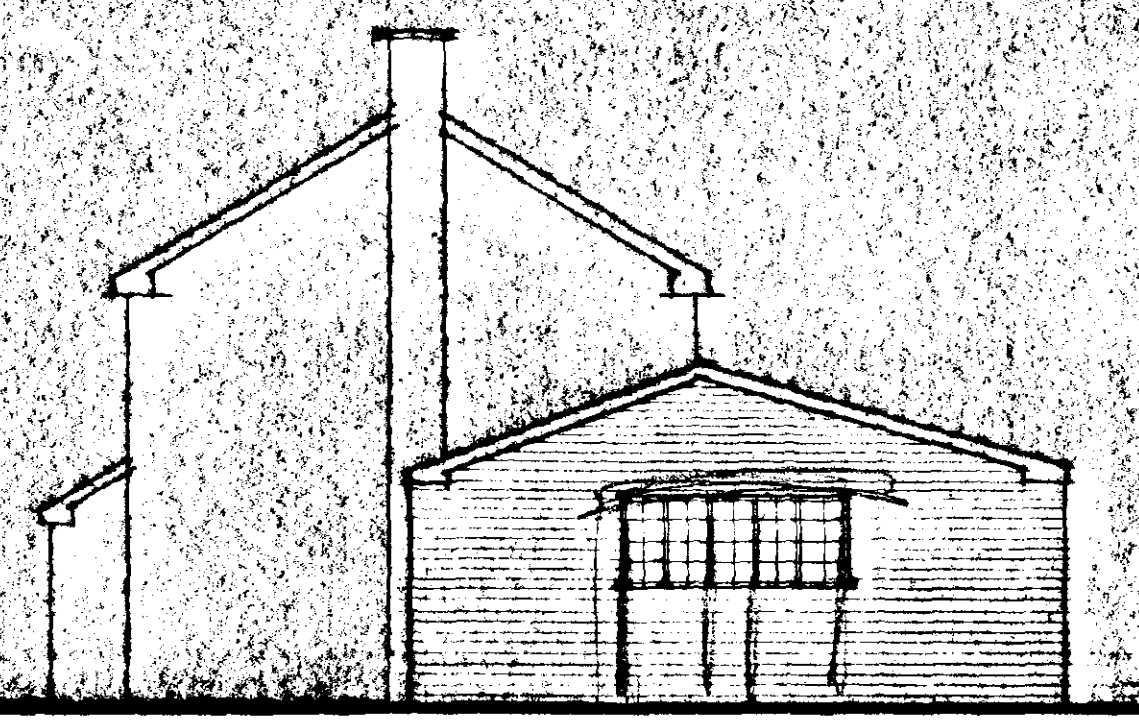
MR. S. C. HARRISON.

£50 £100 771923/4
JAN-97 B.GILMAN

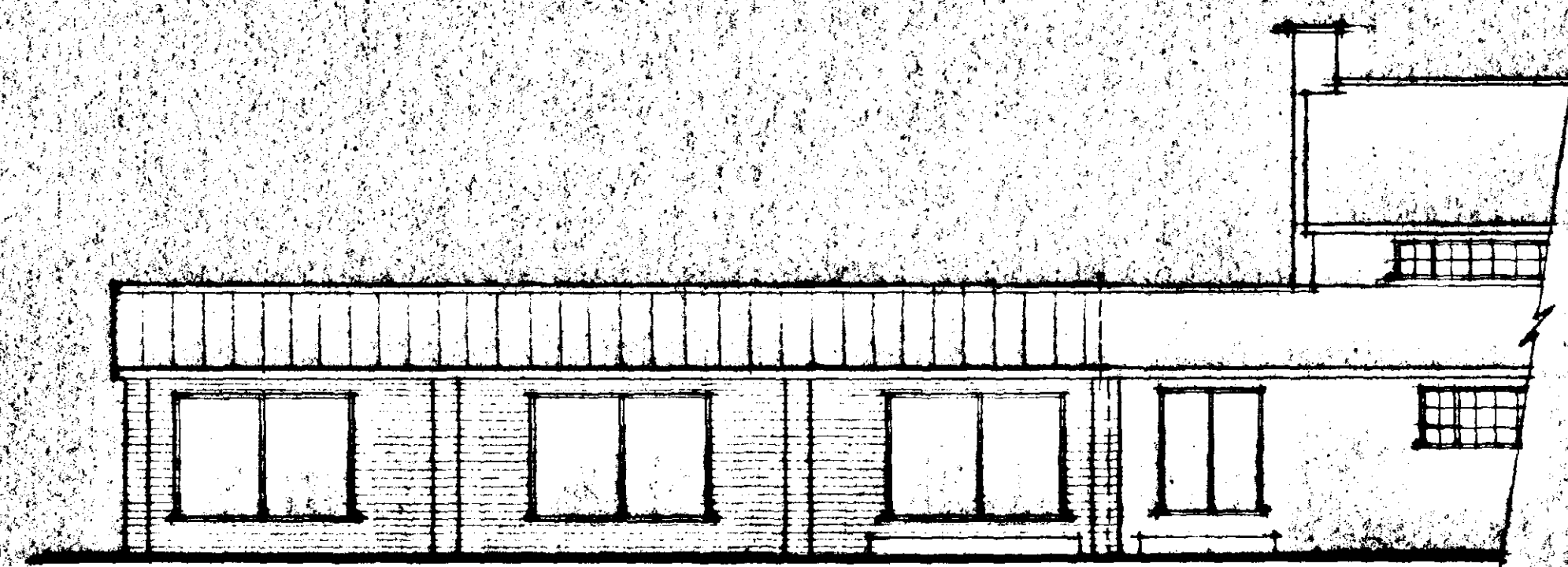
2 Edinburgh Walk, Helbeach,
Spalding, Lincs. PE12 7AP.
Tel: 01406 424343 Fax: 01406 490702



FRONT



SIDE



REAR

NOTES

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The Architect undertakes to be checked off (checked) on site and report discrepancies to the Architect.

All details shown on this drawing are based upon typical site conditions related to the area. The responsibility can be accepted for structural conditions unless reported to the Architects by that design amendments may be considered.

Please note: This drawing is not a construction drawing.

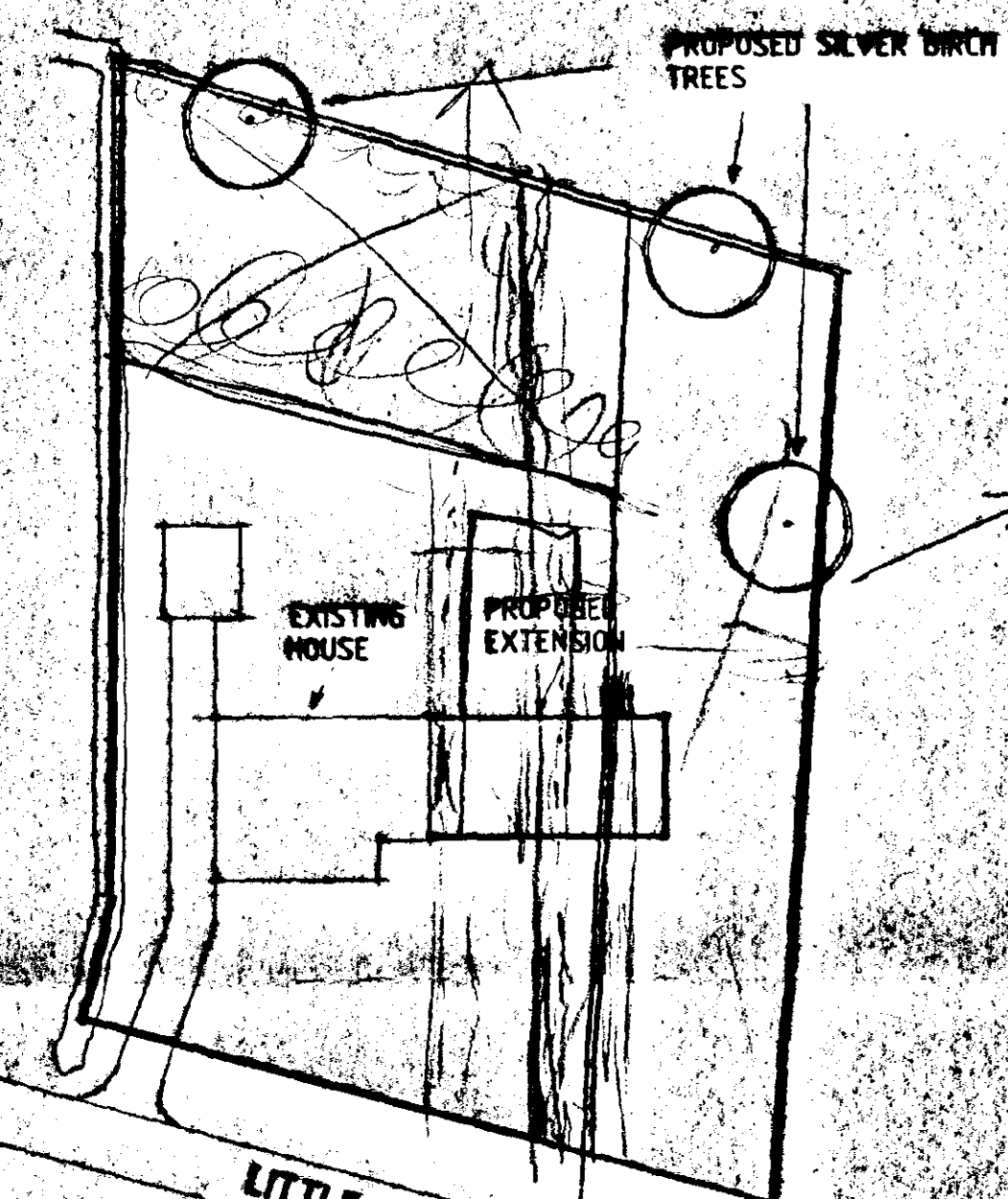
Construction work to be carried out with due regard to the Construction (Design and Management) Regulations 1994 (CDM) and the Health and Safety at Work, etc. Act 1974 (HSA Act).

NOTES

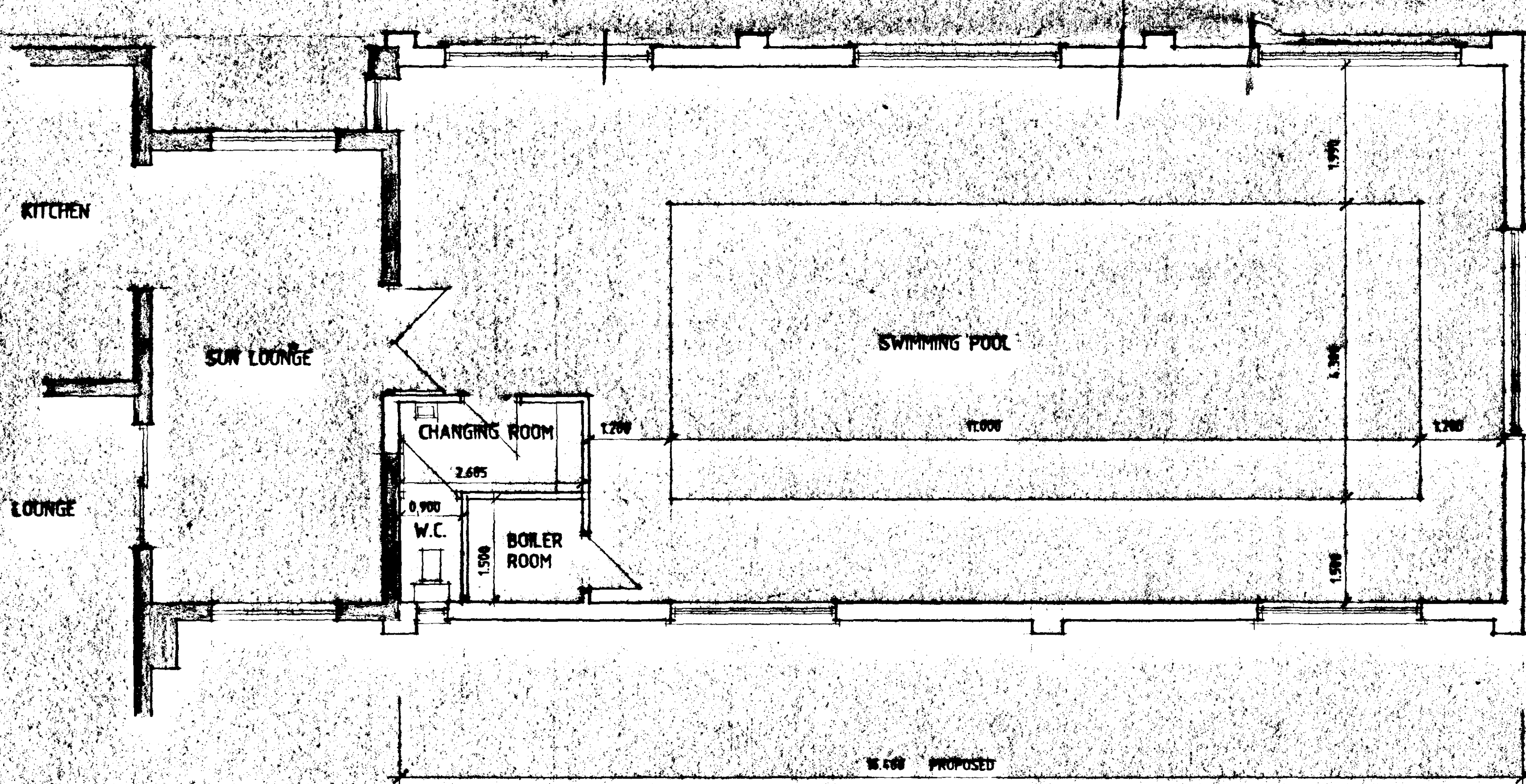
ROOF LINE & PAVING ETC. TO BE IN LINE WITH EXISTING

EXTERNAL MATERIALS BRICKS & ROOF TILES TO MATCH EXISTING

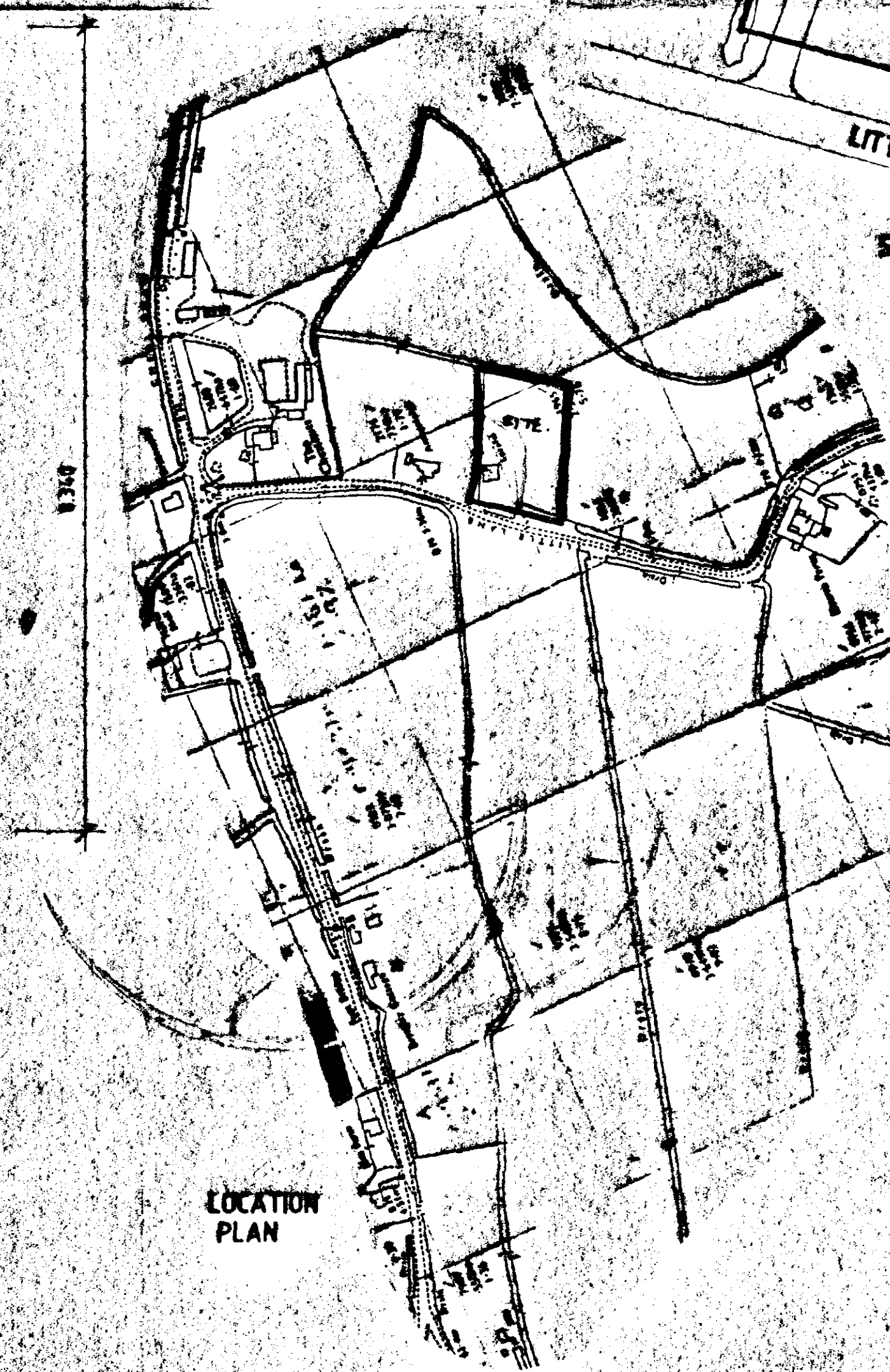
WINDOWS & PATIO DOORS TO BE UPVC DOUBLE GLAZED



SITE PLAN



GROUND FLOOR PLAN



LOCATION PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
11 DEC 1996
Ref: 1136/96

A - MINOR ALTS - 08.12.96

Status
DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED SWIMMING POOL
EXTENSION AT LITTLE LANE
SURFLEET FOR

MR. S. C. HARRISON

1500 1:100

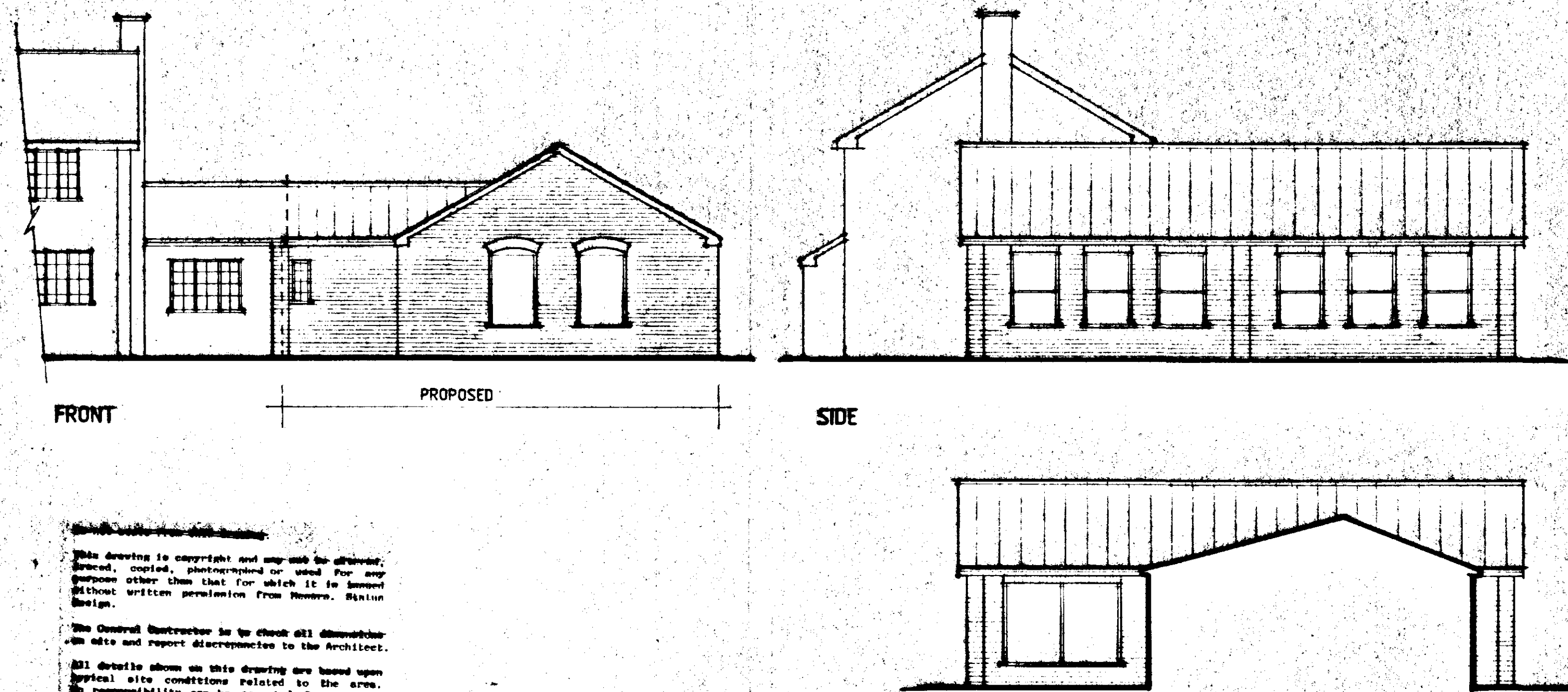
1:2500 1:50

DEC-96

7/19/23/1

B.G.M.A.P.

3 Edinburgh Walk, Holford,
Spalding, Lincs. PE12 7AP
Tel: 01406 424343 Fax: 01406 500702



FRONT

PROPOSED

SIDE

REAR

PROPOSED

SIDE

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PROVIDE TREES WHERE SHOWN MIN HEIGHT ONPLANTING TO BE 2.0m

F.M. - FIELD MAPLE
S.B. - SILVER BIRCH
H. - HAWTHORN

NOTES

ROOF LINE & FASCIAS ETC. TO BE IN LINE WITH EXISTING

MAIN SWIMMING POOL ROOF, RIDGE FRONT TO BACK TO HAVE PITCH TO MATCH EXISTING MAIN HOUSE ROOF APPROX 30°

LINK PART OF ROOF ADJOINING SUN LOUNGE TO HAVE DUO PITCH ROOF TO MATCH ROOF OVER SUN LOUNGE APPROX PITCHES 20° & 15°

ROOF TILES TO BE ANCHOR CENTURION SMOOTH GREY TILES TO MATCH EXISTING

WHITE DOUBLE GLAZED WINDOWS WITH 20mm SPACING & K'GLASS

FACING BRICKS TO BE L.B.C. COTSWOLD TO MATCH EXISTING

ENSURE WINDOWS HAVE 1/2" OF FLOOR AREA AS VENTILATION

NEW FLOOR TO BE LEVEL WITH EXISTING

OIL FIRED BALANCED FLUE BOILER FOR HEATING OF BOTH THE EXTENSION & POOL WATER

EXTENSION TO BE HEATED BY RADIATORS WITH ROOM STAT & RAD. VALVES

HEATING PIPES TO BE INSULATED UNDER FLOOR

FOR SWIMMING POOL DETAILS SEE DRGS. M/4227/1 & M/4227/2

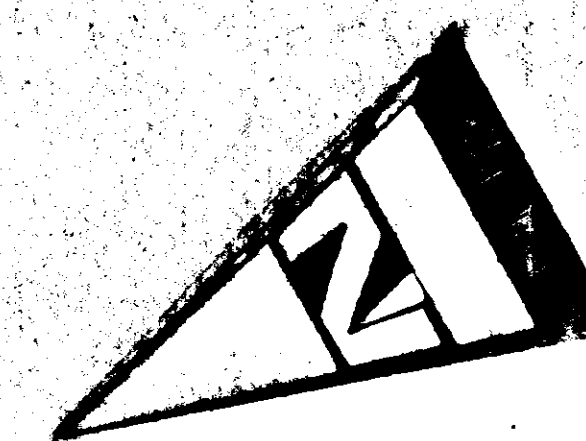
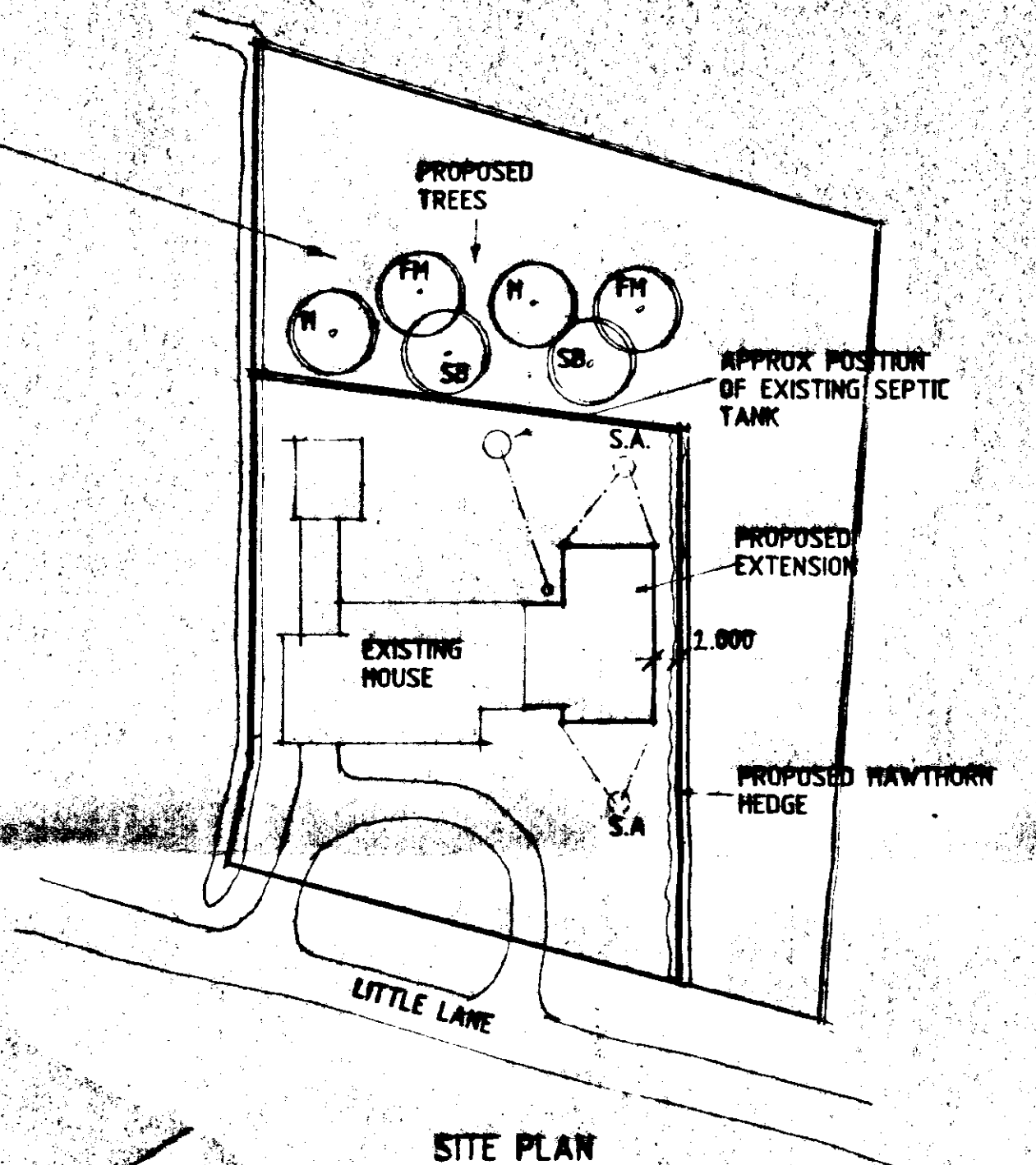
PROVIDE MAINS OPERATED HEAT DETECTORS WHERE SHOWN

PROVIDE I.G. LI/S LINTELS OVER OPENINGS IN CAVITY WALLS UNLESS SPECIFIED OTHERWISE. I.G. INT. LINTELS OVER OPENINGS IN INT. WALLS

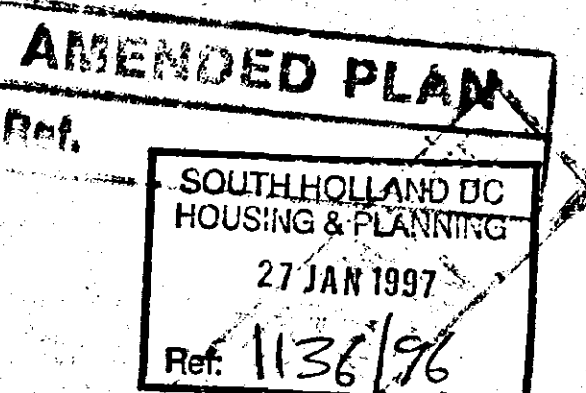
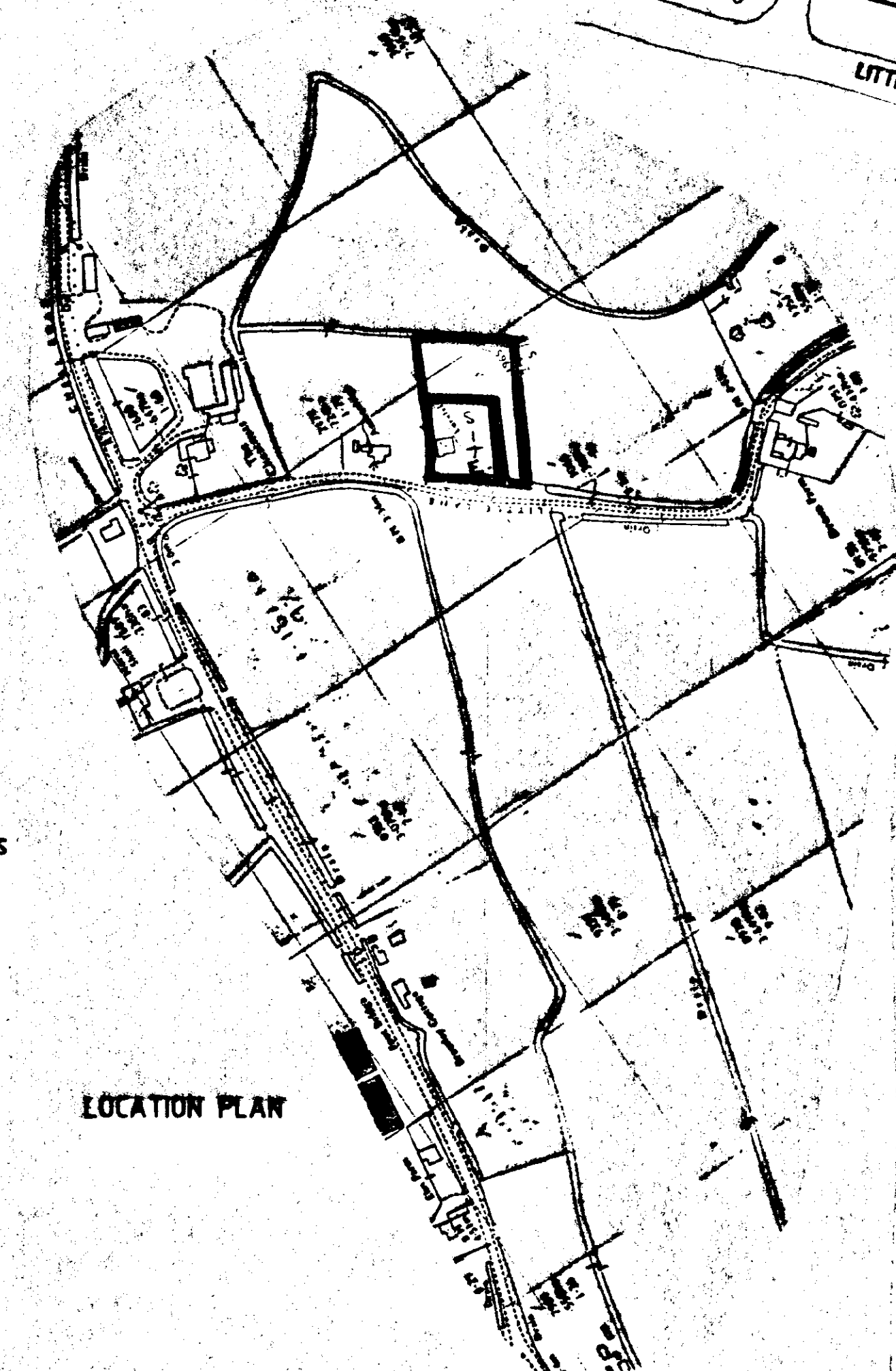
PROVIDE 32 DIA. WASTE PIPE TO WASH BASIN

PROVIDE EXPANSION JOINT IN WALLS TO B.S. 5628

PROVIDE I.G. ARCH FORMERS TO FRONT & REAR WINDOWS AS SHOWN



SITE PLAN



LOCATION PLAN

Status
DESIGN CONSULTANTS IN ARCHITECTURE & PLANNING

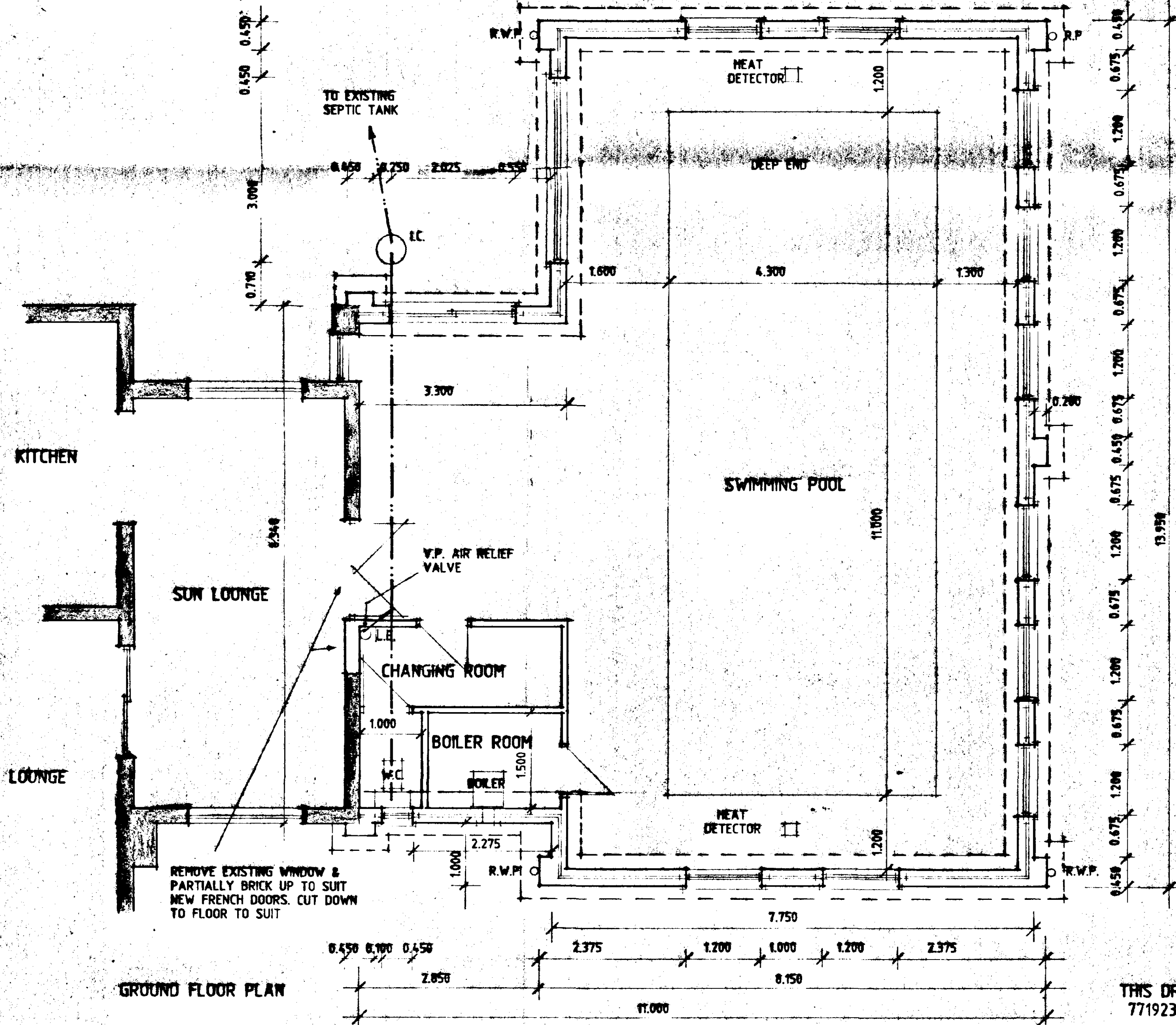
PROPOSED SWIMMING POOL EXTENSION AT LITTLE LANE, SURFLEET FOR

MR. S. C. HARRISON

1:50 1:100 771923/3
JAN-98 B.GILHAM

2 Edinburgh Walk, Holford, Spalding, Lincs. PE12 7AP.
Tel: 01406 424343 Fax: 01406 498702

THIS DRG. TO BE READ IN CONJUNCTION WITH 771923/4, M/4227/1 & M/4227/2



GROUND FLOOR PLAN