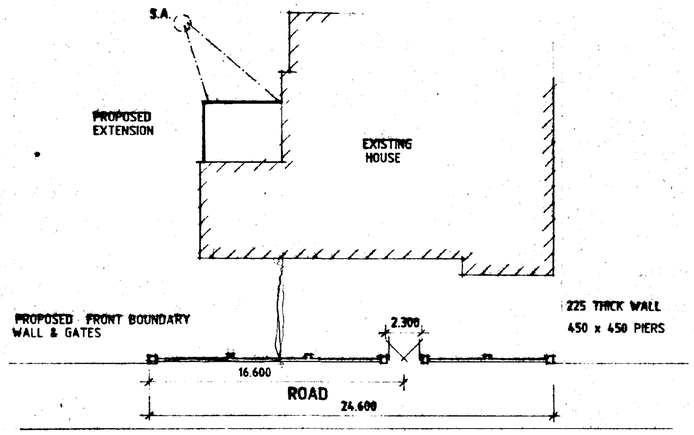


SITE PLAN

WALL CONSTRUCTION
250mm cavity walls to consist of:- 100mm face brickwork (see site plan for details), 50mm cavity to be filled with Crown Dritherm full fill insulation in accordance with BBA Certificate No. 86/1678 or similar approved, 100mm internal skin of Tarmac Hemelite blockwork. 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.

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.

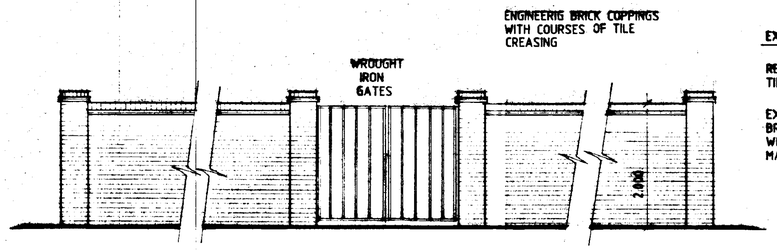
GROUND FLOOR CONSTRUCTION
65mm sand/cement screed on proprietary 75mm thick floor insulation with perimeter insulation to screed on 1200 gauge polythene d.p.m. on 100mm concrete oversite on minimum 150mm, maximum 600mm well blinded and compacted hardcore. Wall d.p.c. to lap floor d.p.m. by a minimum of 50mm.

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 500mm 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.

SMOKE DETECTION
Provide mains operated self-contained smoke alarms to BS5446 Part 1 in accordance with Approved Document B1

RAINWATER GOODS
P.V.C. rainwater goods 112 half round gutters and 68mm diameter downpipes.



FRONT BOUNDARY WALL ELEVATION

ROOF CONSTRUCTION
Concrete interlocking roof tiles (see site plan) on 38 x 25 softwood treated timber battens on underfelt to BS747 (Type 1F) lapped 150mm horizontally and 100mm vertically. Prefabricated roof trusses at 600mm 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 noggins 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.

ROOF INSULATION
To roof spaces provide proprietary 150mm thick insulation ensuring a gap of 50mm between roof underfelt and quilt at all times.

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

FOUL 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 wastes from all appliances (in accordance with Approved Document H) complete with minimum 75mm deep sealed traps and rodding eye access points at every direction change. All above ground drainage to BS5572 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.

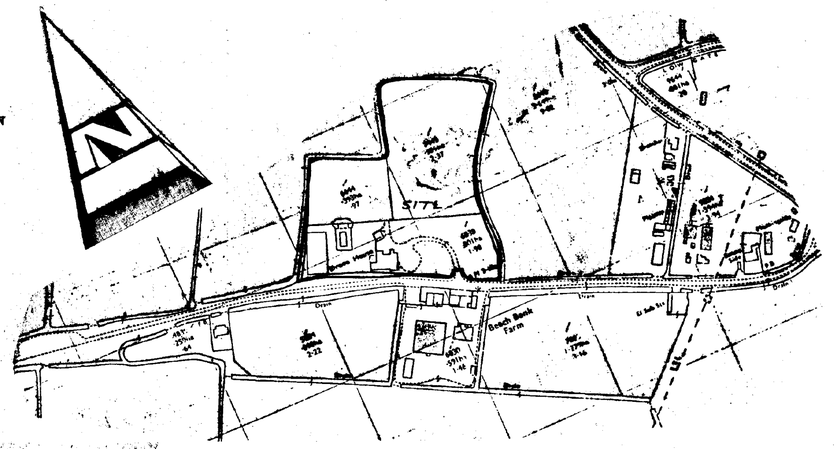
PROTECTION TO UNDERGROUND PIPES
Where pipes are not under road and have less than 600mm cover concrete paving slabs should be laid as bridging above the pipes on minimum 75 pea gravel. If flexible pipes are under a road and have less than 900mm cover reinforced concrete bridging should be used instead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

EXTERNAL MATERIALS

REDLAND, CAMBRIAN ROOF TILES

EXTERNAL WALLS IN COMMON BRICKS FINISHED IN WHITE WEATHERTEX SYSTEM TO MATCH EXISTING



LOCATION PLAN

SUBSTRUCTURE WALLING
100mm Class A dense concrete blocks. Bitumen 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.

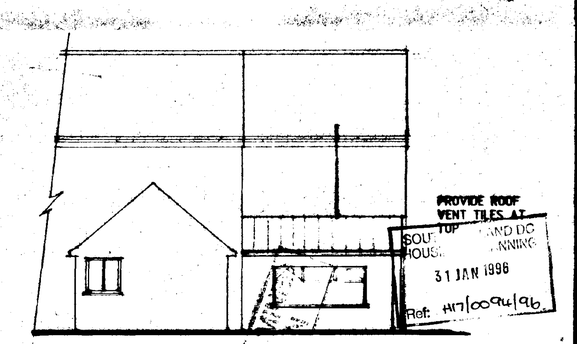
Foundations to taken down to an approved firm base, subject to local authority specifications. Concrete to be ST3 grade unless noted otherwise.

LINTELS
All coded lintels as stated in Schedule or marked on plan to be by 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.

NEW/OLD JOINTS
Where new walling abuts old provide proprietary vertical flexible wall starters.

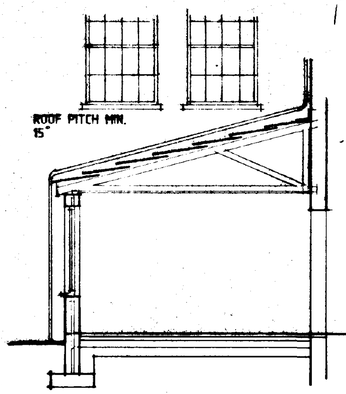
HABITABLE ROOMS AND KITCHENS
Provide proprietary trickle ventilators to head of window giving a total opening area of not less than 4000mm²

CEILINGS
To all insulated roof ceilings provide 12.5mm Gyproc Duplex plasterboard or similar and either 5mm skim or Artex finish.



SIDE ELEVATION

REAR ELEVATION



EXISTING R.W.P. TO BE DIVERTED AROUND EXTENSION AS SHOWN.

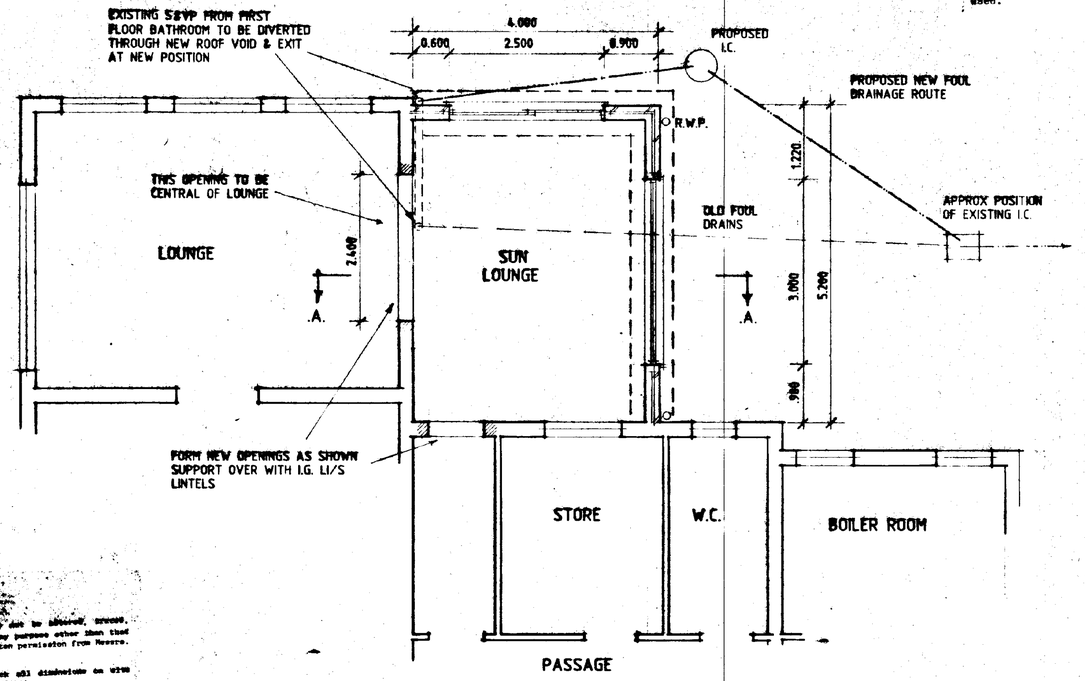
AT JUNCTION WITH NEW ROOF & HOUSE WALL PROVIDE 4LB LEAD FLASHING TO MAKE COMPLETELY WATERTIGHT

NEW WINDOWS TO BE WHITE U.P.V.C. DOUBLE GLAZED

LG. LI/S LINTELS OVER EXTERNAL OPENINGS

NEW FLOOR TO BE LAID FLUSH WITH EXISTING

SECTION A-A



GROUND FLOOR PLAN

Figured and Dimensions

Do not scale from this drawing.

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The General Contractor is to check all dimensions on site and report discrepancies to the Architect.

All details shown on this drawing are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions unless reported to the Architects, so that design amendments may be considered.

Please note: This drawing is not a conveyance drawing.

DESIGN

Status

CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED SUN LOUNGE EXTENSION & FRONT BOUNDARY WALL AT DROVE HOUSE, SURFLEET CHEAL, SURFLEET FOR

MR. K. READ.

1:200 1:100 1:50
1:2500 1:50

7718667/1

NOV-95 B.GILWAM.

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