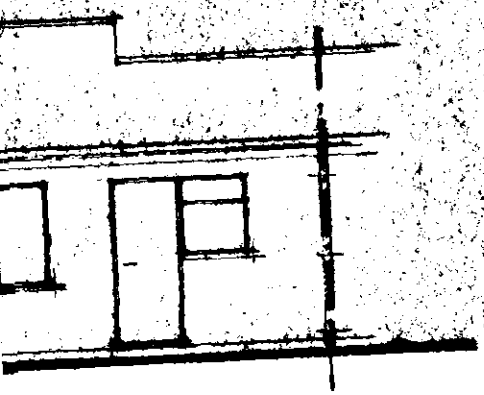


FLAT ROOF CONSTRUCTION.

12 GRANITE CHIPPINGS.
3 LAYER BUILT UP FELT ROOF.
19 PLYWOOD DECKING.
195 x 50 JOISTS @ 450 c/c - SELF TIMBER.
150 INSULATION BETWEEN JOISTS.
12.7 PLASTERBOARD, ARTEX & COVE

LAP FELT 600 UNDER EXISTING FELT

115 HR GUTTER

1.6 L/HD

12 VENTED SOFFIT FITTED WITH FLYSCREEN

EXISTING PATIO DOORS

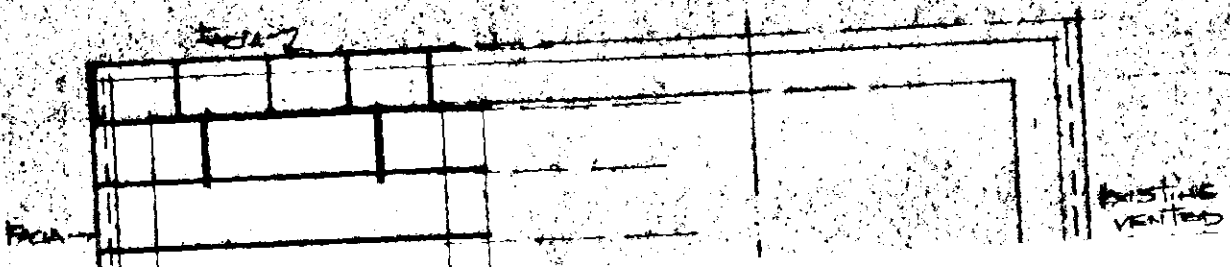
750 NGL

225

100

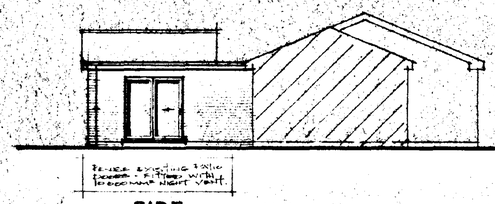
600

SECTION AA.

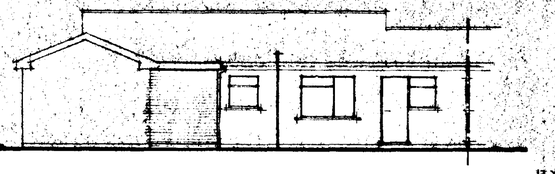


FASCIA

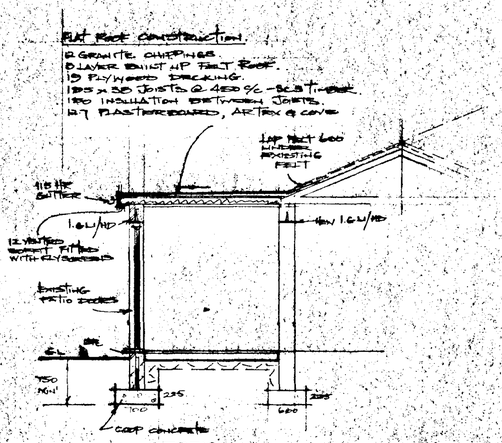
EXISTING VENTED



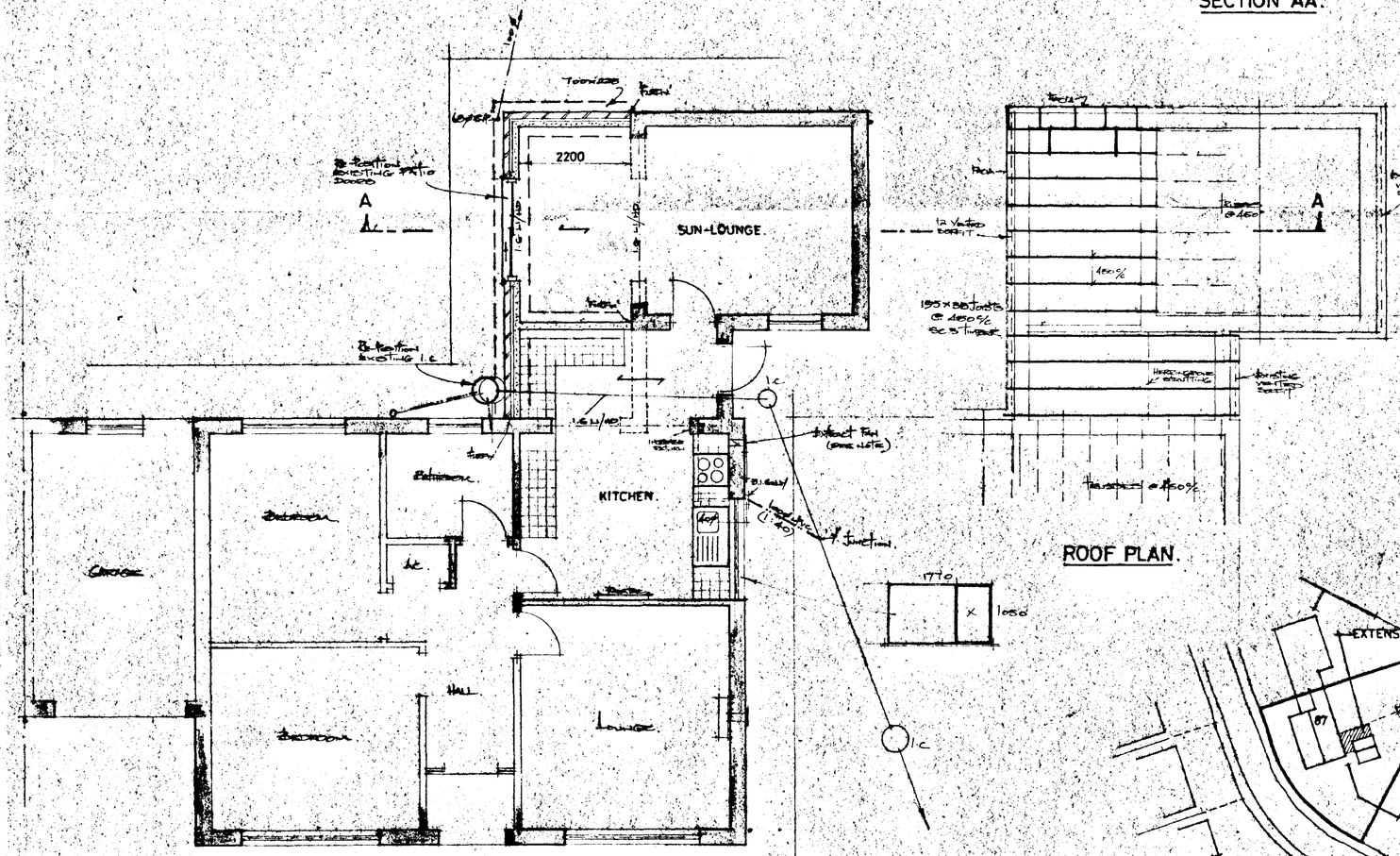
SIDE.



REAR.

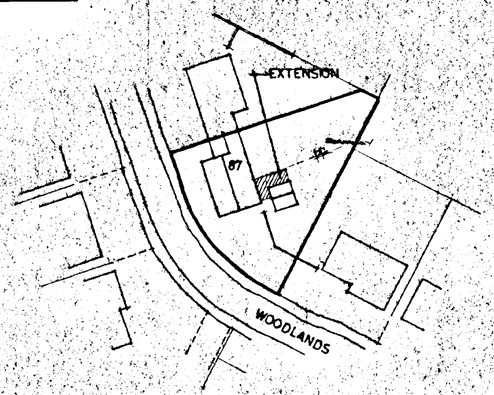


SECTION AA.

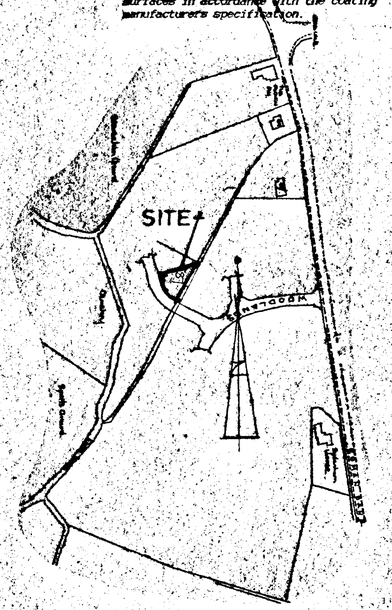


PLAN.

ROOF PLAN.



SITE PLAN.
SCALE : 1/500.



LOCATION PLAN.
SCALE : 1/2500.

GROUND FLOOR
50mm Mortar screed on 100mm min thickness floor slab. C20P concrete mix on 1800 gauge DPM lapped with DPC. 150mm min hardcore, blinded and compacted. Excavate oversite to 100 mm deep to remove topsoil.

WALLS
Cavity work to be 265mm overall width comprising 100mm clay facing bricks. 65mm cavity filled with CROWN DRITHERM fibreglass insulation batts, 100mm lead bearing "Thermalite" insulation blocks. Internal partitions to be in 100mm blockwork walling. Wall ties in cavity walling to be stout galvanised wire butterfly type at 900mm centres horizontally and 450mm centres vertically every alternate tie course to be staggered 450mm. At openings provide ties at 225mm centres vertically within 225mm of the openings.

SUB STRUCTURE WALLS
To be in TYPE A dense aggregate concrete blockwork up to ground level. Cavity to be filled with lean mix concrete.

DAMP PROOF COURSES
Provide embossed heavy duty polythene dpc material at 150mm minimum above ground level in all leafs of cavity walling. piers and columns. Dpcs to be linked with dpm. Also provide vertical and horizontal dpcs around openings for windows and doors in cavity walls and similar material as cavity trays over lintels.

FOUNDATIONS
Generally to be in mass concrete C20P strip 700mm wide x 225mm thick under cavity walling. 450mm x 225mm under partition walls. Thicken floor slab to 250 x 450 wide below non-loadbearing partition walls. Excavations shall be down to a firm, consistent, loadbearing stratum to the approval of the Local Authority Building Control Officer.

LINTELS
To be I.G. L1/HD in cavity wall openings generally, unless stated otherwise. Internal door openings in block walls to be I.G. Box 100 lintels. All lintels to have minimum 150mm end bearing and installed strictly in accordance with the makers instructions.

DECORATION
All new surfaces, timber (except self finished surfaces eg doors) plaster etc to be painted to clients instructions.

ELECTRICAL INSTALLATION
All work to be caried out in accordance with the latest I.E.E. Regulations. Extend electrical circuits from consumer unit in ring mains and install lighting and power points in positions as directed.

WALL TILING
Provide and fix in new Bathroom to walls and window cill. Kitchen window cill and over work tops. Ceramic all tiles with waterproof fix and grout. Tiles to be selected and areas to be tiled to be determined later.

DECORATION
Allow for decorating all new surfaces, ensure full and proper preparation of all surfaces in accordance with the coating manufacturers specification.

ABOVE GROUND DRAINAGE
Hand basin waste to be 32mm dia. W.C. 110mm dia PVC. Bath and sink wastes 40mm dia. use polypipe push fit pipework. all traps to be 75mm deep seal. all pipework etc to be accessible throughout their runs for cleansing repair and replacement. Connect bath, basin and W.C. wastes to 110mm dia stack. Sink to discharge to back inlet gully with pull out stopper for rodding. Soil and vent stack to be carried 900mm above window heads and fitted with patent ventilating terminal.

UNDERGROUND DRAINAGE
110mm UPVC pipe to fall 1:70 with 100mm peagravel bed and surround. Inspection chambers to be 450mm dia preformed plastics installed to manufacturer's instructions complete with cover and frame. Drain runs with less than 300mm ground cover to have paving slab protection over trench on top of peagravel surround on haunched back trench. Omit where concrete path cast over pipe runs.

RAINWATER GOODS
PVC gutters 115mm nr and 65mm dia down pipes to match including all bends outlets, clips, brackets, connectors etc and connect to underground drain to soakaway.

SOAKAWAYS
To be minimum 5.0 metres from any building and to be 1 cu. m. rubble filled with inlet pipe discharging to centre of soakaway.

PLASTERWORK
Walls to be plastered cement:lime:sand render with skim finish a total of 13mm thick including reveals and lintel soffits.

SKIRTING AND ARCHITRAVES
Timber mouldings, skirting and architraves to be standard section or as otherwise directed.

INSULATION
Lay 150mm FIBREGLASS between joists and maintain minimum 50mm gap between top of insulation and sarking felt where insulation runs up to roof slope.

ROOF VENTILATION
6mm plywood with 12mm continuous gap as soffit board. Provide fine mesh flyproof screen to ventilation gap.

FASCIAS
To be wrot on 25mm nominal thickness painted softwood with rebate for soffit. Frame out in 38 x 25 S/W for soffit support.

STRAPPING
Provide and fix 30mm x 5mm patent galvanised mild steel straps at 1.8 metre centres to anchor wallplate to blockwork walling.

FLASHINGS
All flashings, kosher etc to be in CODE 4 sheet lead properly cut, dressed and fixed.

VENTILATION
Natural ventilation area of windows to be not less than 1/20 of room floor area. All windows to have 4000 sq square right vents. Extractor fan to be provided in kitchen (min 60 litres/sec)

SOUTH HOLLAND D.C.
PLAN DEPT.
14 JUL 1994
REF. H/0883/94/FH
DETERMINED
PLAN

G. R. MERCHANT
I.ENG AMICE, FIWO,
ARCHITECTURAL, STRUCTURAL
& LAND DRAINAGE CONSULTANT
TEL: HOLBEACH (0406) ~~380660~~ 490800

PROJECT:
SUN-LOUNGE & KITCHEN EXTENSION.

CLIENT:
MR & MRS. B. OSBORNE.
87 WOODLANDS.
ROMAN BANK.
LONG SUTTON.
SPALDING. LINCS.

SCALES: 1/50 & 1/100 (UNLESS OTHERWISE STATED)
DATE: JULY 94.

G.R.MERCHANT.
DRAWING No.: 80.1

REVISIONS: