Do not scale off this drawing.
All site dimensions to be checked before work commences.

Top section of existing vent pipe to be replaced with 110mm dia. UPVC and to be fitted with weathering collar to cap roof finish upstand and to have joint trimming.
9mm thick exterior quality plywood fascia board

1 no type LI/570 steel lintels to first floor openings and type L/HD70 to rear ground floor opening.
Front ground floor opening to have re-used reinforced concrete 100mm lintel to inner skin incorporating 2 no 12mm reinforcing bars and 1 no type LII steel lintel to external skin with cavity tray c.p.c. over all lintels.
All lintels to be installed to manufacturers recommendations.
Total length of concrete lintel 2.700.

Suspended floor constructed of 18mm T&G flooring grade chipboard with support to edges and both parts on 47x170 joists at 400mm c/c with ceiling under formed of 12mm Masterboard installed to manufacturers instructions to provide ½hr fire protection. All edges to be fire stopped.
150mm thick fibreglass insulation between floor joists.

Expanded metal and plaster seal to base of cavity behind door frame.

Cavity wall constructed of 103mm facing brickwork, 75mm cavity and 100mm dense concrete blockwork with stair faced finish to ground floor and 11mm sand/cement rendered with 2 coat thistle finish to first floor.
Cavity to be insulated from ground floor ceiling level upwards with 75mm Cavity insulation batts installed to manufacturers instructions.
'U' value = 0.42 W/m²deg.C
Bamcore insulated d.p.c. to reveals
'U' value = 1.2 W/m²deg.C
Cavity wall ties to be installed at 450mm c/c vertically and 900mm c/c horizontally with ties installed at 225mm c/s within 225mm of reveals.

New windows to match existing and to consist of single glazed metal window frames in timber sub-frames incorporating timber cills.

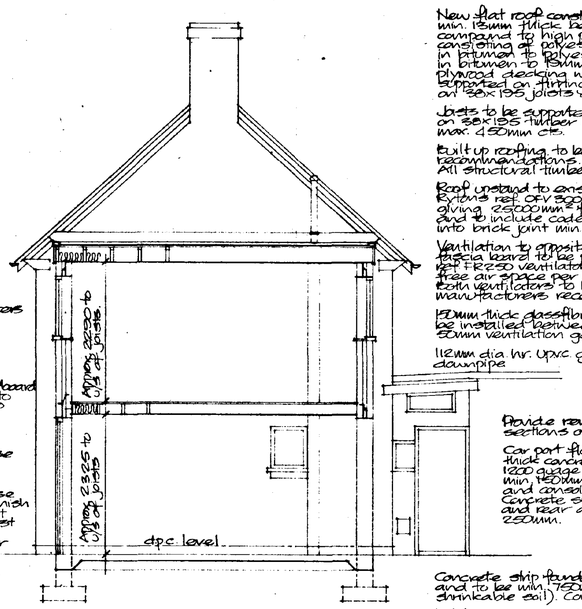
Door to study to be ½hr fire resisting and self closing

New walls to incorporate hyload d.p.c. min. 150mm above ground/top of concrete slab level.

6mm Masterboard seals to top of cavity walls.

30x5mm mild steel straps to be installed between walls and roof and floor joists at centres 1.800 c/c. with straps spanning min. 3 no. joists with min. 38x100 noggings under.

Heating to study to be provided by electric night storage heaters (off peak)



SECTION.

New flat roof constructed of mineral chippings min. 15mm thick bedded in bituminous adhesive compound to high performance built up roofing consisting of polyester base cap sheet bonded in bitumen to polyester base underlay bonded in bitumen to 18mm T and G external quality plywood decking with all unsupported edges supported on fillings to fall from 30 to 10mm on 38x195 joists at 450mm c/s.

Joists to be supported adjacent to existing wall on 38x195 timber bolted to existing wall at max. 450mm c/c.

Built up roofing to be installed to manufacturers recommendations.
All structural timber to be grade SC3.

Roof upstand to existing wall face to incorporate Bytons ref. OFV 300 abutment ventilator giving 25000mm² free air space per metre and to include cast lead flashing tucked into brick joint min. 150mm above roof surface.

Ventilation to opposite side of roof above fascia board to be provided by Bytons ref. FR250 ventilator giving 25000mm² free air space per metre.
Eaves ventilators to be installed to manufacturers recommendations.

150mm thick glassfibre quilt insulation to be installed between roof joists with min. 50mm ventilation gap over.

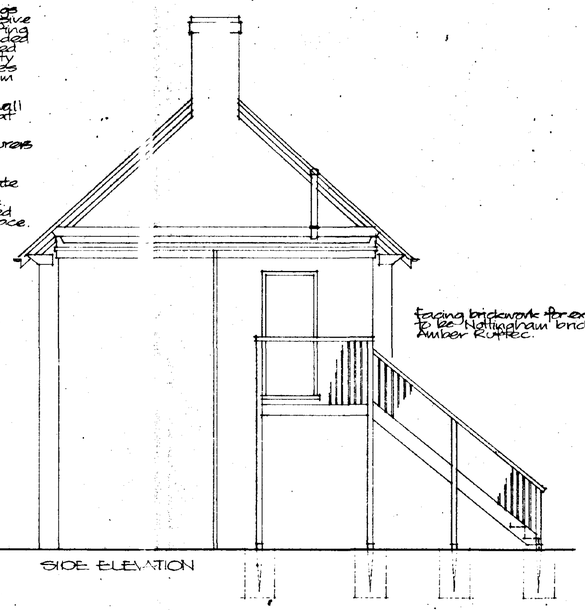
112mm dia hr. UPVC gutter with 68mm dia. downpipe

Provide roughcast finish to exposed sections of steel lintels

Car port floor constructed of 100mm thick concrete slab grade STD. on 1200 gauge polythene membrane on min. 150mm hardcore well blinded and consolidated.
Concrete slab thickened to front and rear accesses to approx. 250mm.

Concrete strip foundations to be 225x700 and to be min. 750mm deep (1.000 in shrinkable soil). Concrete grade to be ST4.

Existing drain passing through wall to be stepped to leave min. clearance of 50mm and to be capped both sides to prevent vermin entry.

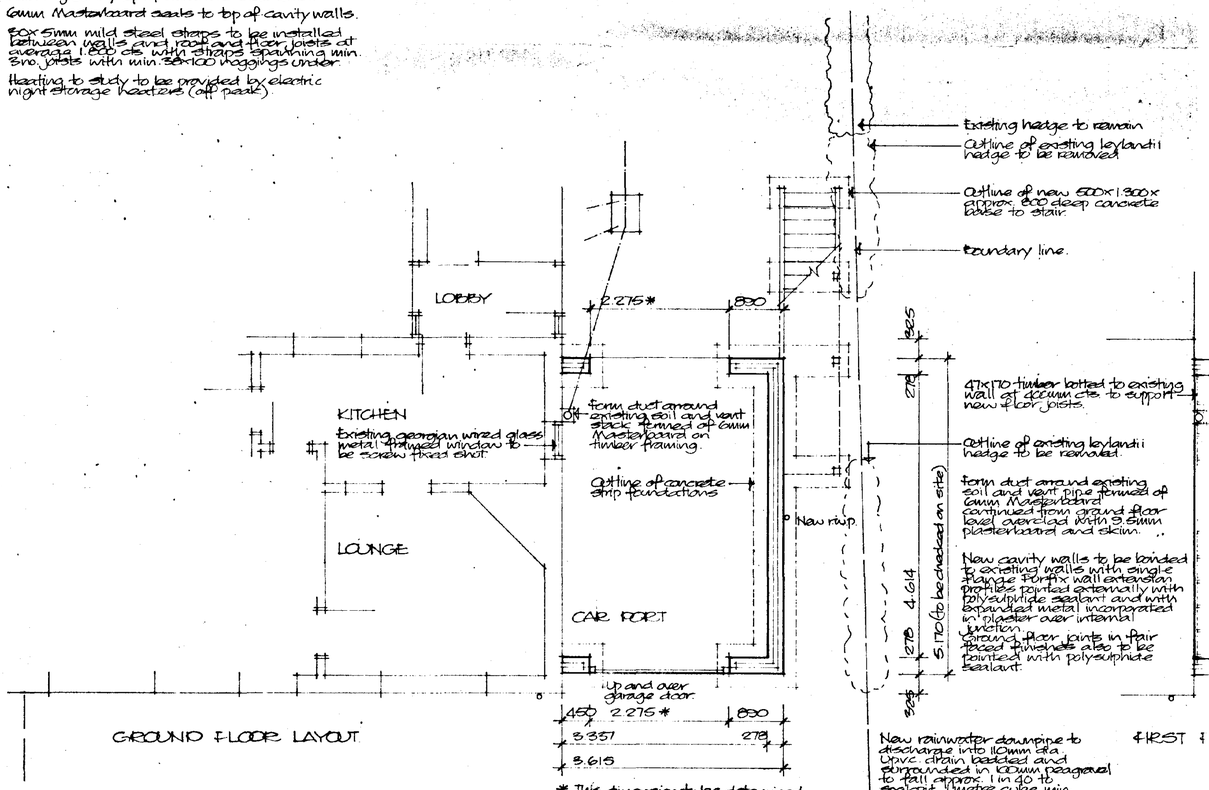


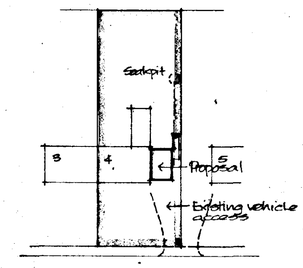
SIDE ELEVATION

facing brickwork for extension to be Nottingham brick co Ltd. Amber Rustic.

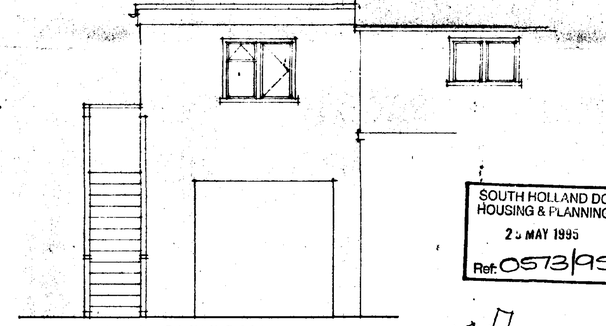


FRONT ELEVATION



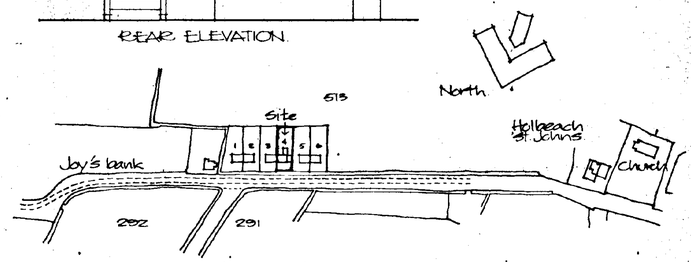


BLOCK PLAN
Scale 1:500



REAR ELEVATION.

SOUTH HOLLAND DC
HOUSING & PLANNING
2 5 MAY 1995
Ref: 0573/95



LOCATION PLAN
Scale 1:2500

Project
PROPOSED EXTENSION TO HOUSE AT
4 CHURCH SITE, JOY'S BANK, HOLBEACH ST. JOHNS.

ALAN HORNSBY
ARCHITECTURAL SERVICES
'Little Acre'
Peak Hill, Cowbit,
Spalding, Lincs. PE12 6AW
Tel. Holbeach (01406) 380591

Client
MR. P. LAWRENCE

Scale 1:50
Date May 95
Drg. no. 95/21/01

AM ADMEL 230