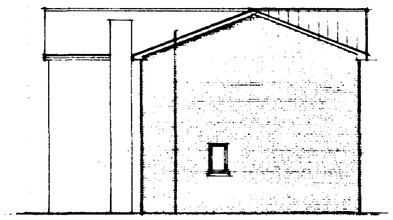
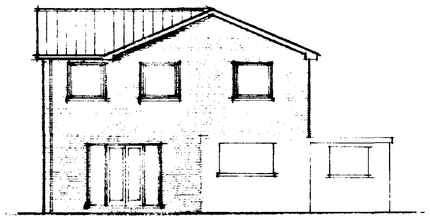


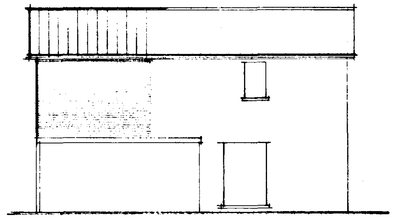
n. east



n. west



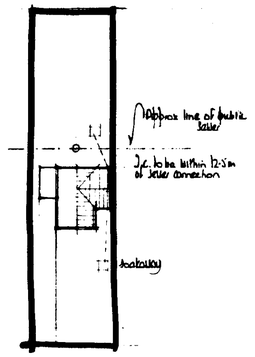
s. west



s. east

Roofside tiles to walth edg

Fascia Blocks to walth edg



FOUNDATIONS

Foundations to be C20P grade concrete.

For 265mm walls foundations to be 700 x 230mm
For 100mm " " " " 450 x 230mm.

Foundations to be taken down to a firm load-bearing strata, min. 1.0m if in shrinkable subsoil, in accord. with the requirements of the Local Authority Building Control Dept.

FLOOR CONSTRUCTION

Ground

65mm sand/cement screed reinf. with chicken wire mesh.
500g polythene separating membrane.
50mm flooring grade polystyrene insulation.
100mm min. C15P grade oversite concrete.
1200g polythene damp proof membrane lapped with dpc in walls.
25mm sand blinding.
100mm min. compacted hardcore - if in excess of 100mm fill, to max. 600mm the hardcore is to be laid and compacted in layers not exceeding 150mm.
Where 100mm internal walls are constructed off the floor slab, the slab is to be thickened to 230mm for a min. width of 450mm.
Strip off all vegetable soil from beneath proposal.

First

18mm Weyroc floor panels.
175 x 50mm SC3 grade tanal floor joists @ 400mm cts max. with min. 1 row herringbone strut midspan.
12.7mm plasterboard, fixed in accordance with manuf. instructions with all necessary noggins, etc., and finish with artex/skim finish in accord. with client's instructions.

WALL CONSTRUCTION

Below Ground

To be class A concrete blocks.
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete.

Cavity Walls

To be 265mm overall constructed as follows:-
100mm facing brick.
65mm mineral wool insulation, i.e. Dritherm.
100mm load-bearing insulation blocks, i.e. Hemelite.

All to be tied together using stainless steel wall ties positioned at distances not exceeding 900mm horizontally, 450mm vertically and staggered. To be at every block course vertically at all returns and reveals.

Internal Walls

To be 100mm load-bearing insulation blocks (constructed off a dpc if at ground level) unless specified otherwise.

Stud Partitions

To be constructed as follows:-
100 x 50mm head and sole plates.
100 x 50mm studs @ 400mm cts with min. 2 rows of
100 x 50mm noggins equally spaced.
100mm g/f insulation within framework.
Face both sides with 12.7mm plasterboard, scrim and tape joints and skim finish.

Stud partitions to be constructed off doubled up floor joists (bolted together at 1.0m cts) at first floor level when running parallel to joists and off 100 x 50 sole plate, with solid blocking between joists when running perpendicular to joists.

DPC in Walls

To be a min. 150mm above finished ground level.
An insulating vertical dpc, i.e. Damcor, is to be provided to all cavity closures.
A dpc cavity tray is to be built into the cavity walls, stepped as applicable, immediately above an abutment.

Internal finish to be 12mm render with gypsum plaster skim finish to give a max. 'U' value of 0.45W/m²c.

LINTELS

Lintels to cavity walls to be RC., to have a min. end bearing of 150mm and be installed in strict accordance with manuf. instructions with a dpc cavity tray over-see lintel schedule.

Lintels over openings in 100mm blocks walls to be Spanlite pcc lintels, 100 x 65mm unless specified otherwise, with the equivalent of 3 courses brickwork over.

Lintels to be protected with either a min. 13mm gypsum plaster or clad with 12mm tacboard to achieve a min. ½hr fire resistance.

WINDOW

To be purpose made UPVC, to be double glazed with sealed units and weatherstripped.
Each window to incorporate a controllable trickle vent of 4000m².
Glazing to windows less than 800mm and doors less than 1500mm above floor level is to be laminated or toughened glass in accordance with BS6206:1981.

VENTILATION

All habitable rooms to contain opening vents equal to 1/20th floor area.

Kitchen to be mechanically ventilated, direct to the external air, having an extraction capacity of 60 l/sec (30 l/sec if in cookerhood).

All bath/shower rooms to be mechanically ventilated, direct to the external air, having an extraction capacity of 15 l/sec.

HOT WATER SYSTEMS

A room thermostat or thermostatic radiator valves are to be installed.

All pipes not contributing to useful heat requirements to be insulated.

SMOKE DETECTION

Provide and install self contained smoke alarms complying to BS5446:Pt1:1990 where indicated (SD) on drawing.

Self contained smoke alarms are to be permanently wired to a separately fixed circuit at the distribution board operating at a low voltage via a mains transformer. The wiring installation is to conform to the IEE Wiring Regulations.

DRAINAGE

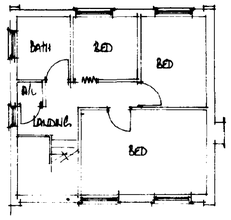
Foul

Supply and install proprietary UPVC inspection chambers on 100mm pea gravel bed in accord. with manuf. instructions.
Excavate for and lay in where indicated 100mm dia. flexible jointed UPVC drains on 100mm pea gravel bed at a gradient of 1:70.
Supply and install where indicated 100mm dia. soil and vent pipe jointed to 100mm dia. upturned bend at base. Finish at top, 900mm above window head ht., with pvc cage.
Supply and install where indicated trapped (roddable) gullies, waste pipes to discharge below grating level and above water level.
Supply and install 40mm dia. pvc waste to sinks and showers, 32mm dia. pvc waste to hand basin with 75mm deep traps. 40mm dia. pvc waste to bath with combined trapped waste and overflow - all unless specified otherwise on plan.
All waste pipes to have rodding access at each change of direction and be readily accessible throughout their lengths.
Above ground drainage to comply with BS5272:1978.
Below ground drainage to comply with BS8301:1985.
All drainage items to be installed in strict accord. with manuf. instructions.

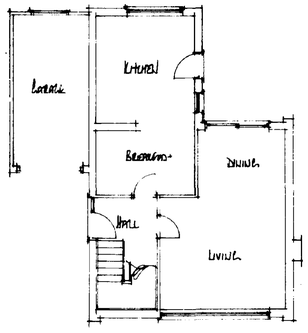
DRAINAGE

Surface

Excavate for and lay in where indicated 100mm dia. flexible jointed UPVC drains on 100mm pea gravel bed from 100mm dia. upturned bend at base of downpipe to soakaway.
Form soakaways a min. 5.0m from the nearest building. Excavate 1200 x 1200 x 1200mm deep, backfill with brick rubble to 300mm below ground level, lay in sheet polythene and make up with vegetable soil.

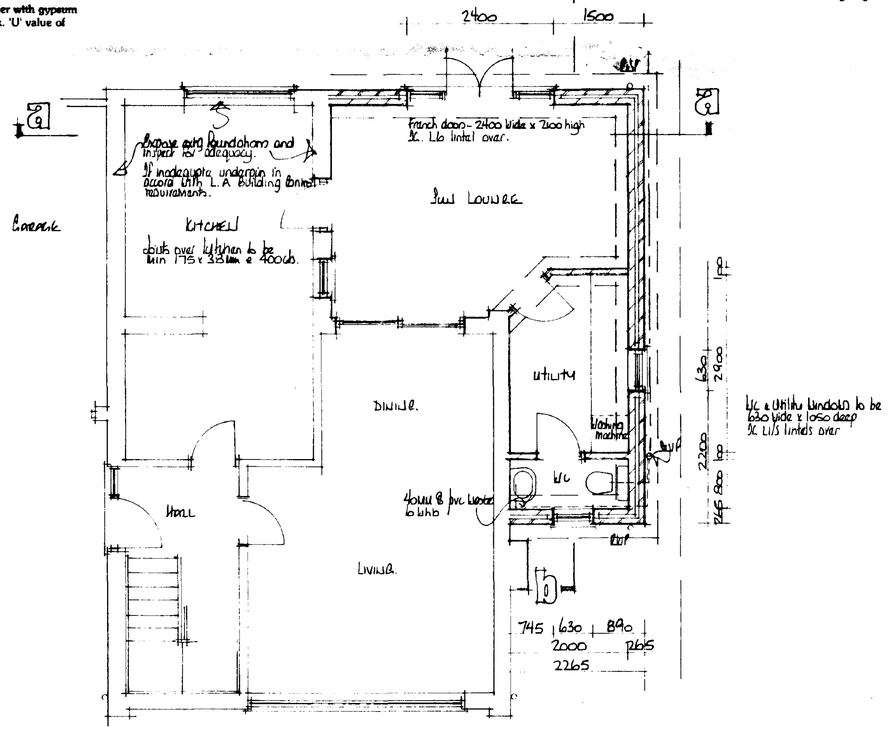


first floor

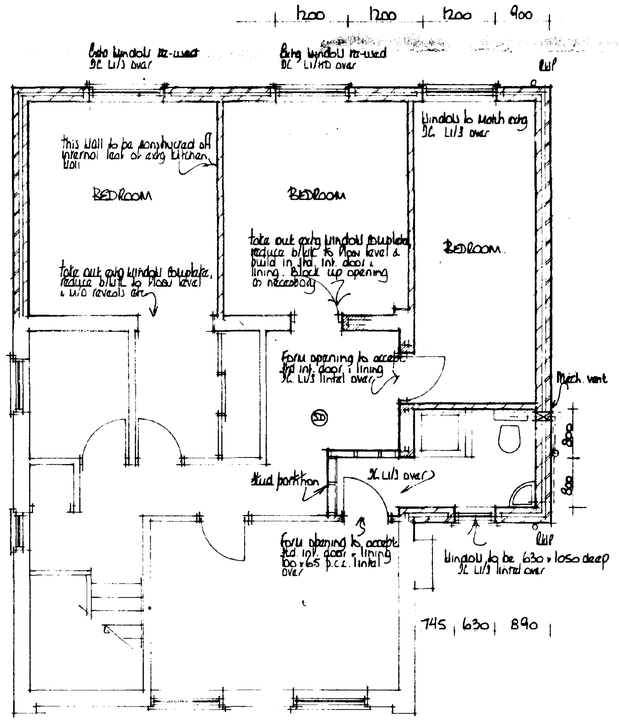


ground floor

existing



ground floor



first floor

A	Date	Revisions

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Tel: Spalding (0775) 767968

Client
Mr. & Mrs J P CLARKE

Job Title
EXTENSION to DWELLING AT
99 SPALDING ROAD
PINCHBECK

Drawing Title
PLANS & ELEVATIONS.

SOUTH HOLLAND D.C.
PLAN DEPT.
22 JUN 1994
REF ...S/0094/94...

Scale 1:50 . 1:100

Date JUNE 94 | Drawn by AL

Drg. No 94/49/01. | Rev