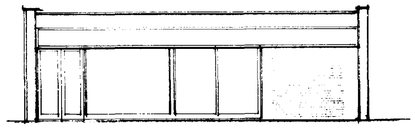
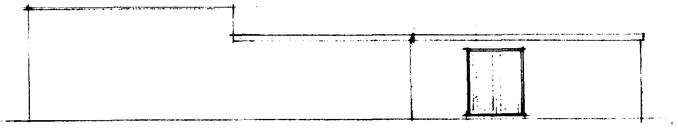


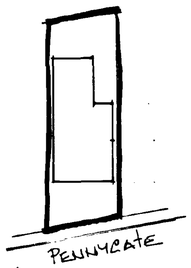
existing
south



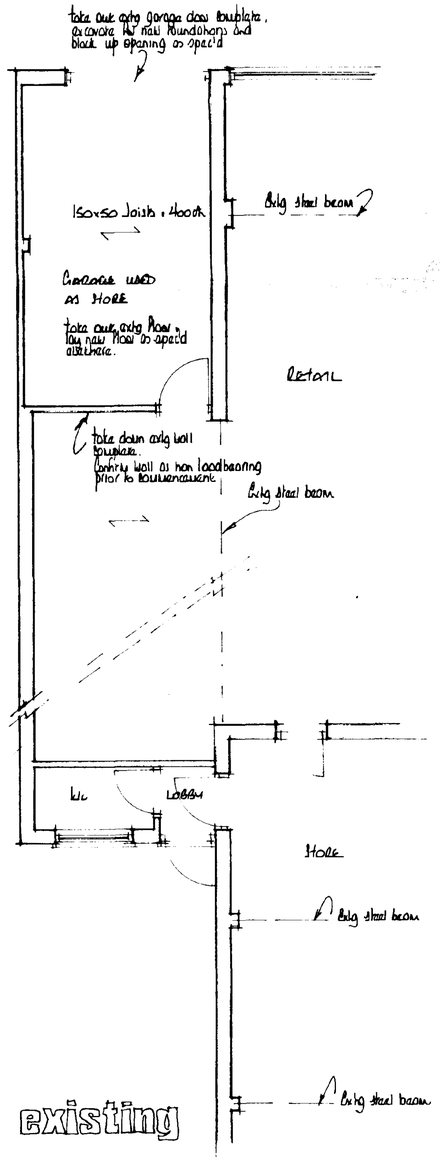
proposed



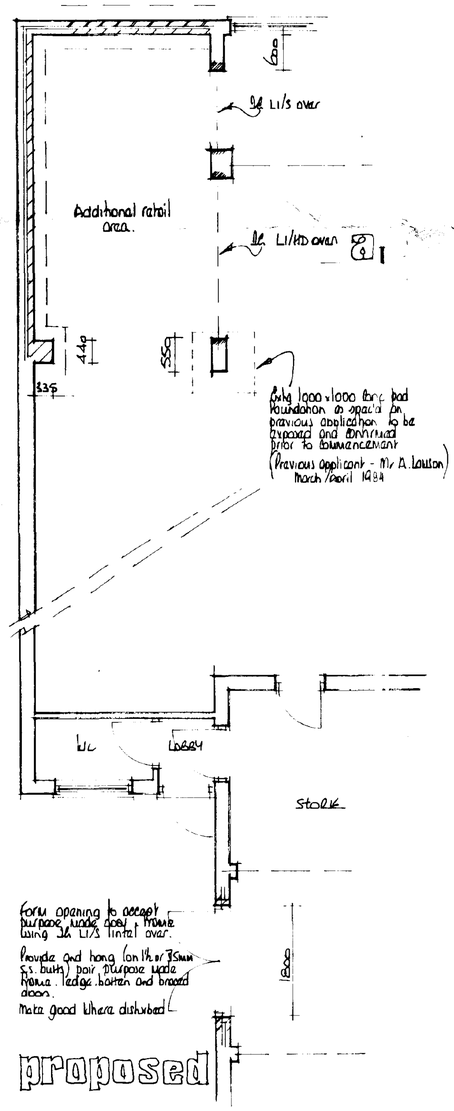
east



block plan



existing



proposed

FOUNDATIONS

Foundations to be ST4 grade concrete

For 265mm walls foundations to be 700 x 230mm

Foundations to be taken down to a firm loadbearing strata, min 1.0m if in shrinkable sub-soil, in accord with the requirements of the Local Authority Building Control Dept and in accord with the NHBC guidelines for building near trees.
Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

FLOOR CONSTRUCTION

Ground
65mm sand/cement screed reinf with chicken wire mesh finished at same level as extg shop floor
100mm ST4 grade oversite concrete
1200g polythene damp proof membrane
25mm sand blinding
100mm min. compacted hardcore - if in excess of 100mm fill, to a max 600mm, the hardcore is to be laid and compacted in layers not exceeding 150mm
Strip off all vegetable soil beneath proposal

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete.

Above ground
To be 265mm o/a constructed as follows :-
100mm facing brick (to be FL quality below dpc level)
65mm mineral wool insulation i.e. Dritherm
100mm load-bearing insulation blocks i.e. Bemelite

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

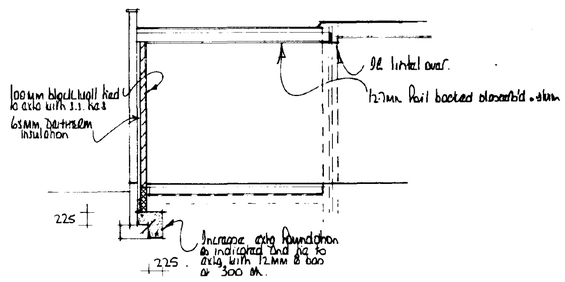
DPC in Walls
To be a min. 150mm above finished ground level.
An insulating vertical dpc i.e. Damcor is to be provided to all cavity closures

LINTELS

Lintels to all walls to be IG, or similar and equivalent, to have a min end bearing of 150mm and be installed in strict accordance with manufacturers instructions with a dpc cavity tray over where applicable.

Lintels to be protected with 13mm gypsum plaster skim finish to achieve a min. half hour fire protection.

ROOF INSULATION
Insulation
To be min. 50mm Celotex insulation placed as tightly as possible to the inderside of the extg decking to the roof covering and held in place with 38 x 38mm bateens.



a - a

SOUTH HOLLAND DC
HOUSING & PLANNING
19 JUN 1995
Ref: H16/0660/95.

DETERMINED PLAN

A		
	Date	Revisions

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Client
Mr S. KALIDOLA

Job Title
ALTERATIONS to DOUBLEGATE Extn GARAGE/STORE into RETAIL AREA at 201A PENNYGATE SPALDING.

Drawing Title
PLAN, SECTION & ELEVATIONS

Scale 1:50. 1:100. 1:500

Date June 95 | Drawn by AL

Drg. No. 95/37/01 | Rev