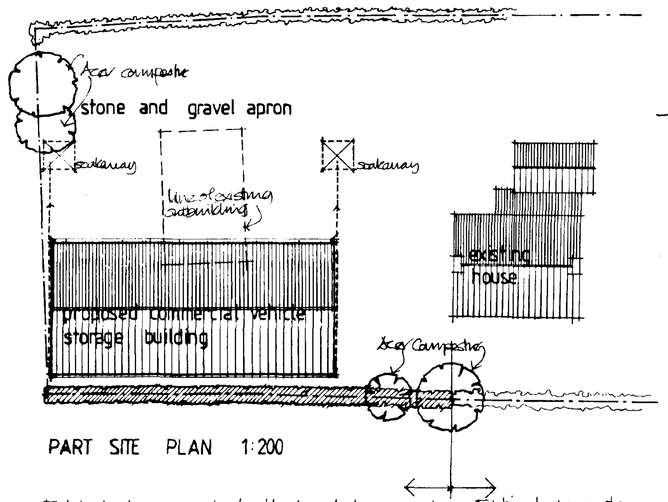
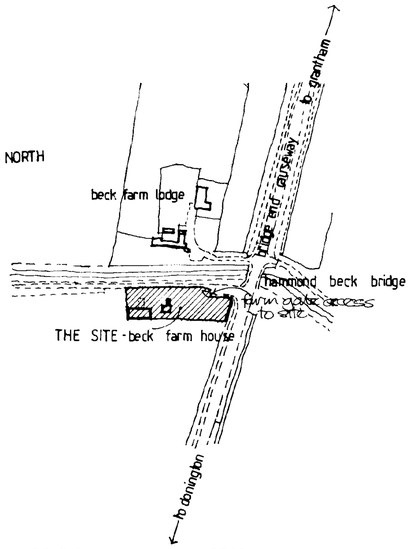


PART SITE PLAN 1:200

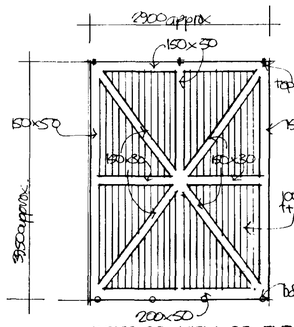
Existing hedgerow and shrubby trees to be removed over this section of the Eastern boundary. The hedgerow is to be replaced by a mix of native hedging plants consisting of:
- Crataegus monogyna (Hawthorn)
- Prunus spinosa
- Ilex aquifolium (Holly)
- Corylus Avellana (Hazel)

Hedging plants to be planted 300 mm apart and are to be 600/900 mm high when planted. The hedgerow is to be controlled at a reasonable height to avoid root damage to the proposed building.
Acer Campestre standards are to be planted where shown, at least 4m away from all buildings.

Existing hedgerow to remain

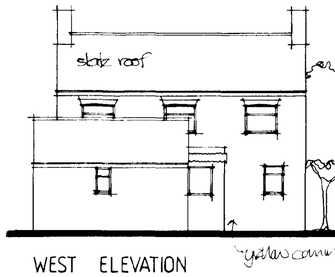


LOCATION PLAN 1:2500



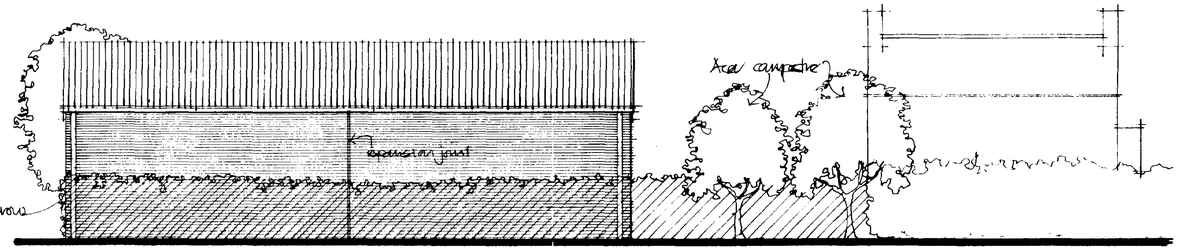
INTERIOR VIEW OF TYPICAL TIMBER DOOR 1:50

final sizes and construction to be the responsibility of the manufacturer

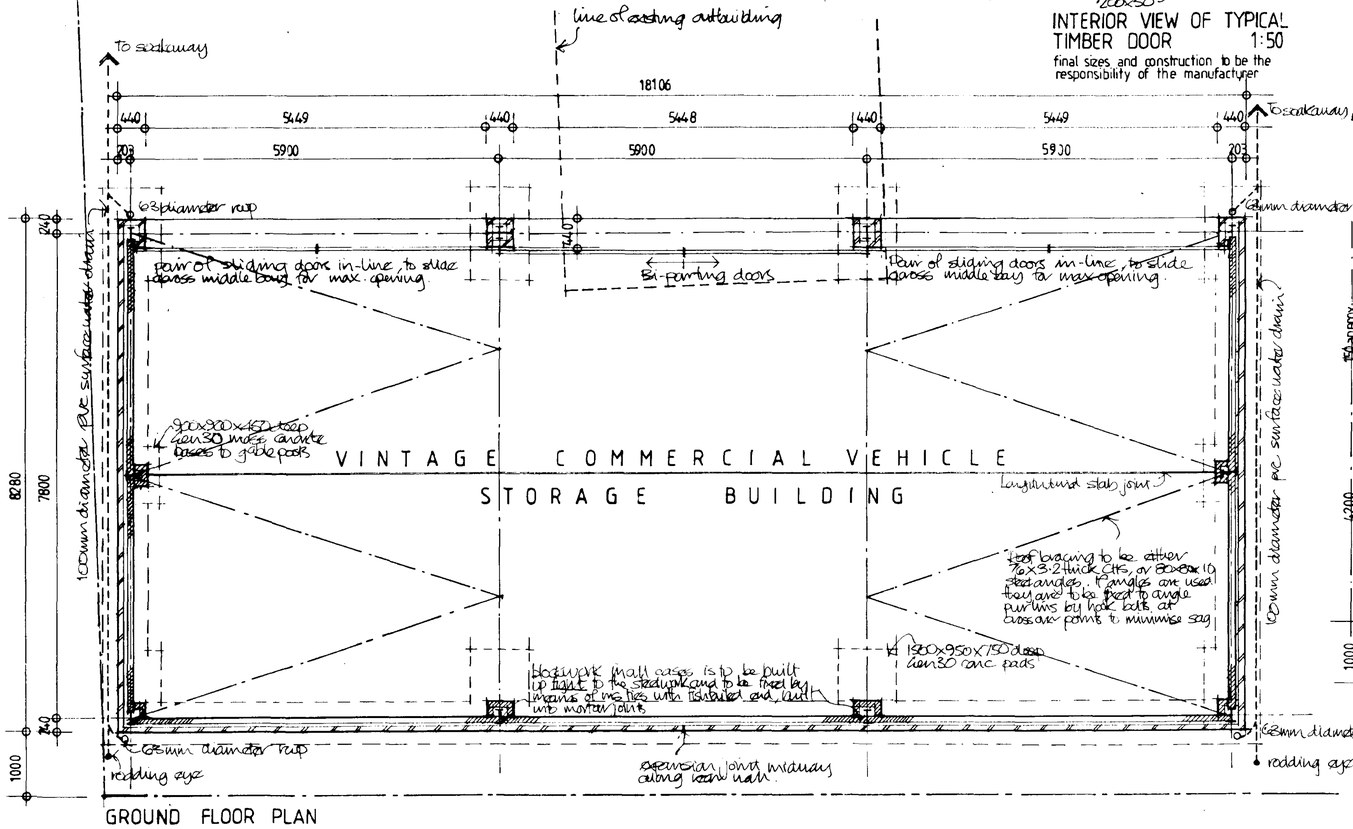


NORTH AND SOUTH ELEVATIONS

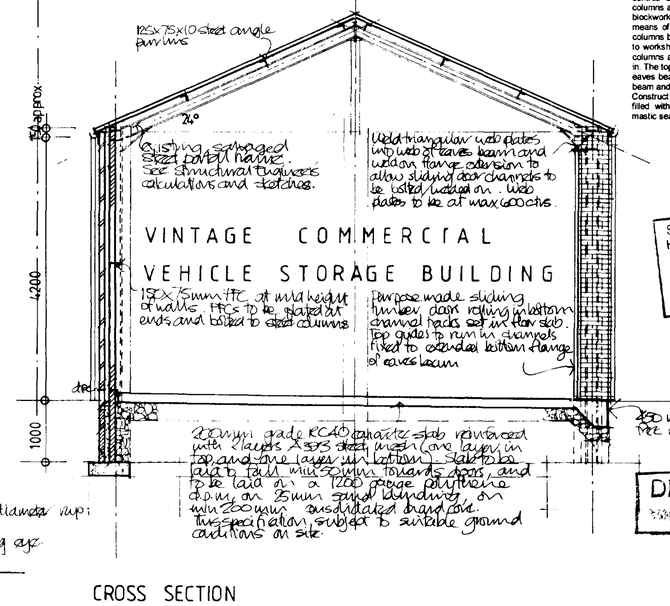
WEST ELEVATION



EAST ELEVATION



GROUND FLOOR PLAN



CROSS SECTION

DETERMINED PLAN

SOUTH HOLLAND DC HOUSING & PLANNING 12 SEP 2000 Ref: 1114/00.

GENERALLY
This drawing is limited in the amount of information included, and does not purport to include a full specification of the works. The purpose of the drawing is to obtain Building Regulations approval, and should not be used as a contract document alone. All dimensions should be taken from site from actual work and under no circumstances should measurements be scaled from this drawing for construction or ordering purposes. All dimensions are to be checked by the builder, and will be his responsibility from commencement of the works. Standards and quality control on site will be the responsibility of the builder. Stage inspections of a general nature may be carried out at intervals, but these must not be construed as supervision. Substitution of specified items, or changes made during the contract period to the building as drawn will be the responsibility of the Client and / or Builder, unless referred for advice to the Architect. Any proposed changes must also be referred to the Planning Authority and Building Control.
THIS DRAWING MUST BE READ IN CLOSE CONJUNCTION WITH THE STRUCTURAL ENGINEER'S CALCULATIONS AND SKETCHES TO ENSURE THAT ALL STRUCTURAL REQUIREMENTS ARE MET.

FOUNDATIONS
To be Gen. 4 designated mix to sizes shown on drawings, with tops one metre deep from ground level from ground level. Foundations depths are subject to inspection of excavations by Building Control and, if ground conditions appear to have poorer bearing capacity than 50 kN/ m², the Structural Engineer must be consulted for further advice. Particular care is to be taken to ensure that new foundations are deeper than the existing foundations of the existing outbuilding, which encroaches onto the footprint of the new building. Foundations to external walls are to be 700 mm x 225 mm, reinforced with one layer of A142 mesh in the bottom.

FLOOR CONSTRUCTION
To be 200mm thick concrete (grade RC40 designated mix, with a minimum cement content of 330 kg/m³) reinforced with A393 mesh in top (50mm cover), and A393 mesh in the bottom (50 mm cover), on 1200 gauge polythene d.p.m., on 25 mm sand blinding, on 200mm thick DOT Type 2 stone fully compacted with at least three passes of a 3 tonne roller and blinded with sand or crushed fine material to form a smooth, level surface. Junctions with external walls to be isolated by a 20mm gap, filled with 'Korkpak' and pointed with 'Paraseal'. Longitudinal joints to be joined by 12mm diameter steel bars at mid depth of slab and at 900mm centres. Bars to be 900mm long centrally across joint, and debonded for at least half their length. A thin plastic joint strip is to be stuck on to the hardened edge of the slab, flush with the top surface, before pouring the next bay to *form a sealing groove.*
Bar ends in all cases to be smooth sawn and not cropped.
450 mm deep x 225 mm wide downstand to be constructed at slab edges across doorways.
Particular care is to be taken to ensure that all disturbed ground, fill etc below the demolished outbuilding is removed. If this results in a hardcore thickness requirement in excess of 600 mm, the area must be filled with lean-mix concrete.

WALL CONSTRUCTION
Walls to be 253 mm thick cavity construction, consisting of 103 mm facing bricks externally, 50 mm cavity and 100 mm concrete blockwork of a strength not less than 3.5 N/mm2. The external leaf from foundation level to 150 mm below ground level is to be built in blockwork, and the cavity from foundation level to ground level is to be filled with weak mix concrete, and struck off to direct water externally. Weepholes are to be provided at 900 mm centres in perpends immediately below dpc. Ruberoid 'Hyload' dpc to be provided mm 150 mm above ground level to all walls. Internal and external leaves to be tied across cavity with galvanised steel twist-ties to BS: 5628, at 900 mm. centres horizontally and 450 mm. centres vertically, staggered and with extra ties at openings (at every block course). All facing brickwork to have designation 'FL'
Blockwork inner leaves to be built hard up to the flanges and webs of the steel columns, and to be tied to steel at 225 mm centres by beans of galvanised steel ties shotfired to the columns and with fishtailed ends built into mortar joints. Integral blockwork column casings to be connected to the main walls by means of 'Furfix' profiles. Free-standing casings to be tied to columns by galvanised steel ties as described above. Rear wall to workshop to have a steel channel fixed between the portal columns at mid-height of the rear wall, and is to be tightly built in. The top of the rear wall is to be mechanically tied to the steel eaves beam by means of galvanised steel ties shotfired to the beam and with fishtailed ends built into each perpend joint.
Construct a vertical expansion joint midway along the rear wall, filled with 10 mm fibreboard and pointed with polysulphide mastic sealant externally.

STEELWORK
The steel portal frame is a salvaged frame, and has been proven by a Structural Engineer - see calculations. It is to be re-erected as shown on this drawing and in the calculation sheets. Any new steelwork, such as roof purlins and roof bracing are to be bought in, to sizes as shown in the calculations.
All exposed steelwork is to be cleaned down, wire-brushed, and coated with three coats of red oxide.

ROOF CONSTRUCTION
To be salvaged profiled steel sheets, painted grey, fixed with hook bolts to angle purlins.

HEATING
The building is not to be heated.

DRAINAGE
Rainwater gutters to be 'Marley Deepflow' Pvc half-round gutter laid at a fall of 1:600, discharging into 63 mm PVCu downpipes. Gutters are to be fixed by means of standard fascia brackets to 200 x 20 mm softwood fascias. Fascia to rear wall is to be plugged and screwed to brickwork, and the fascia to the front wall is to be fixed to a suitable framework fixed between column casings. Underground drains to be 100mm diameter plastic drains as 'Marley PVCu Underground Drainage' system, protected under vehicular areas with 150mm concrete surround, and elsewhere with 150mm granular surround. Pipes surrounded in concrete are to be laid in max 3 metre lengths, with a flexible joint through the concrete surround at every pipe joint. All surface water is to be taken to soakaways as shown. Soakaway sizes are to be determined by a standard percolation test on site, but provisionally to consist of two 1200mm square x 1200mm deep pits lined with geotextile membrane and filled with well- graded granular material to within 300mm of the top. The top 300mm is to be the same as the general stone and gravel self-draining apron construction.

SOUTH HOLLAND DC HOUSING & PLANNING 12 SEP 2000 Ref:

TREVOR A CLAY R.I.B.A.
CHARTERED ARCHITECT
14 OLD FENDIKE ROAD
WESTON HILLS
SPALDING
LINCOLNSHIRE PE12 6DD

Project:
PROPOSED VINTAGE COMMERCIAL VEHICLE BUILDING AT BECK FARM HOUSE, DONINGTON FOR MR AND MRS J LYON

Drawing:
BUILDING REGULATION DRAWING

Date:07 Sept 00	Proj No: 00/058/PA	
Scale: 1:100/200/50	Drg. No: 002	Rev: