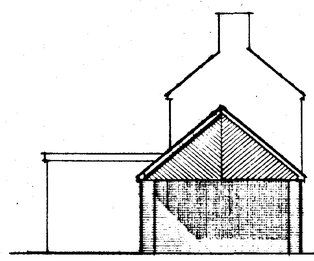
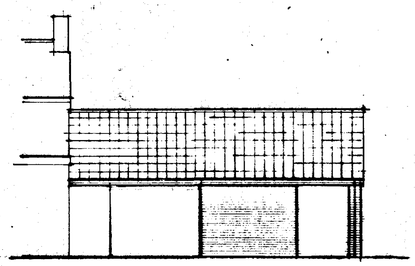


FRONT



SIDE



REAR

HEALTH AND SAFETY

The Employer/Client is responsible to ensure that the contractor is fully conversant with and adopts all necessary measures to afford compliance with the Health and Safety Legislation for building sites and work places.
The Contractor is to carry out the works in a safe and practical manner with regard to all matters concerning Health and Safety incorporating safe working systems and practices.

FOUNDATIONS

Foundations to be ST4 grade concrete

For 215mm walls foundations to be 680 x 280mm
For 100mm " " " 450 x 230mm

Foundations to be taken down to a firm loadbearing strata, a min. 1.0m if in shrinkable sub soil, in accordance 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
Any investigation work relating to exist'g foundations should be carried out prior to the commencement of any works.

FLOOR CONSTRUCTION

Ground
100mm ST4 grade oversite concrete
1200g polythene damp proof membrane
25mm sand blinding
100mm compacted hard-core - if in excess of 100mm fill, to a max. 600mm, the hard-core 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

Above Ground
To be 215mm o/a constructed as follows :-

100mm facing brick (to be FL quality below dpc level)
100mm loadbearing insulation blocks i.e. Hemelite (k = 0.44)

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

DPC in Walls
To be a min. 150mm above finished ground level

LINTELS

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

Lintels over internal openings to be IG internal 100 lintels unless specified otherwise.

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

DRAINAGE

Surface
Excavate for and lay in where indicated 100mm diam. flexible jointed UPVC drains on 100mm pea gravel bed from 100mm diam. upturned bend at base of downpipe to surface water soakaway.

Form soakaway where indicated 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.

ROOF CONSTRUCTION

Tiles
The roof is to be covered with interlocking concrete roof tiles fixed in strict accordance with manufacturers instructions.

Battens
Approved quality tanalised s/w battens, 38 x 25mm, are to be laid at a gauge suitable for the tiles and fixed with 90 x 3.35mm wire nails. Battens should be at least 1.2m in length and should be of sufficient length to be supported at each end and intermediately by at least three rafters, trusses or walls. Butt joints over intermediate supports should be staggered and the ends must be sawn.

Underlay
Approved reinforced roofing felt, type 1F to BS 747, is to be laid over the rafters lapped 150mm at the joins and secured with clout nails. The underlay should extend over the fascia board and into the eaves gutter. In order to prevent water traps behind the fascia it is recommended that a strip of 6mm marine plywood is provided to support the underlay. The ply is to be laid over the rafters and under the roofing felt positioned as close as possible to the last tiling batten and secured to the fascia.

Eaves
Eaves are to be formed with standard size tiles and purpose made eave fillers must be nailed to the fascia board. Eave tiles must be laid at the same pitch as the main body of tiling and should overhang the fascia by an amount sufficient to ensure that the water discharges into the centre of the gutter.

Verges
Verges are to be formed with 150mm wide asbestos cement strip onto which is bedded the tiles which form the verge projecting approx. 50mm over bargeboards or gable brickwork.

Ridges
The ridge is to be covered with segmental ridge tiles of the same colour as the main body of tiling, unless specified otherwise, and secured using a proprietary ventilated dry ridge system having ventilation equivalent to a continuous 6mm gap.

Abutments
The tiling is/to be cut closely at abutments and weathered by Code 4 lead flashing dressed down over the tiles and up the abutment a min. 150mm

Mortar
All bedding mortar is to consist of 3 parts sharp sand to 1 part Portland cement and should be struck off to give a smooth face and pointed in one operation.

Ceilings
Ceiling to garage/garden equipment room to be 12.7mm Gypsum Fireline Board with 50mm cover strips to joints to give a half hour fire resistance. Ceiling over passageway and fuel store to be 100 x 19mm T & G vee jointed matchboarding.

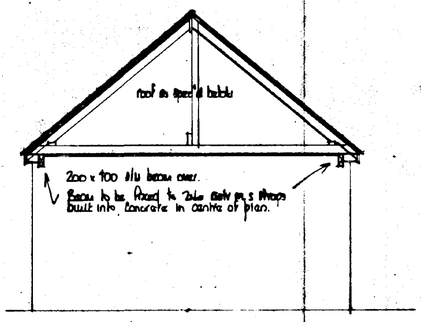
Rainwater Goods
Supply and fix 103mm PVC gutters to fascia with all necessary brackets, stop ends, outlets etc.

Supply and fix 64mm PVC downpipes securely clipped to walls at 1800mm cts with all necessary offsets, swannecks, adaptors etc. and taken into 100mm diam. upturned bend at base.

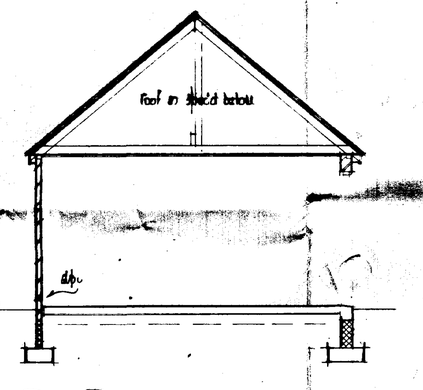
STRAPPING

Where rafters, floor joist and ceiling ties run parallel to walls they are to be strapped at 1800mm cts. Straps to be fixed to a min. 3No. rafters etc., having nogged between beforehand, and hooked into the cavity a min. 150mm.
Similar straps to be used at 1800mm cts to hold down the wall plate.

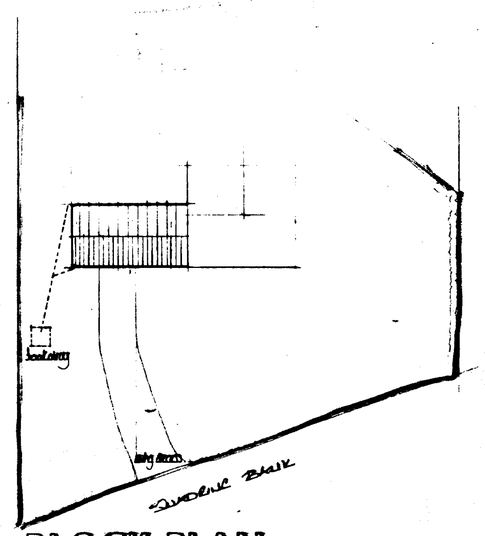
Straps to be 30 x 6mm galv. m.s.



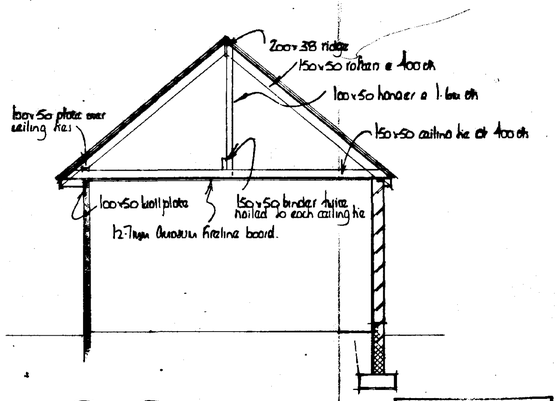
A - A



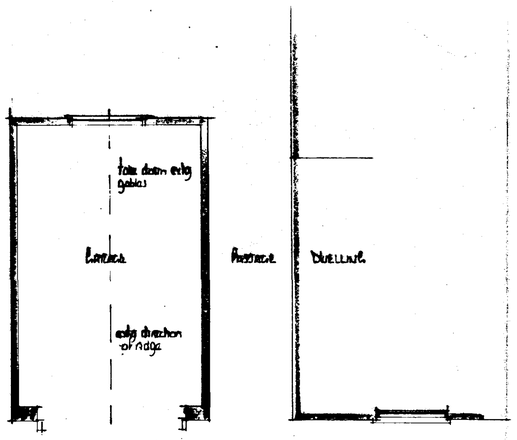
B - B



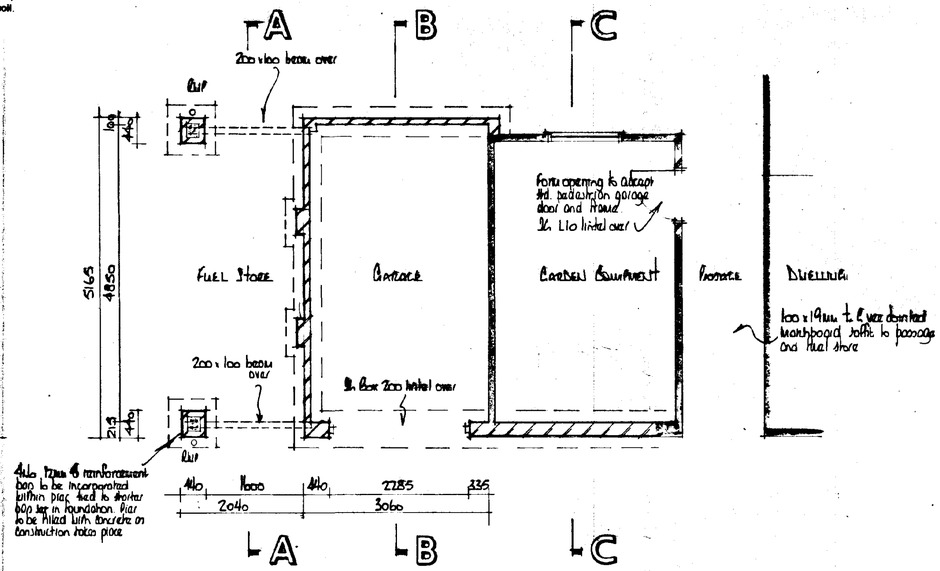
BLOCK PLAN



C - C SECTIONS



EXISTING GROUND FLOOR PLAN



PROPOSED

SOUTH HOLLAND DC
HOUSING & PLANNING
13 MAR 1998
Ref: 0284/98

A		
	Date	Revisions

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Bluntisham Road
Bluntisham, Somerset

Drawing Title
Plans, Sections & Elevations

DETERMINED PLAN

Scale 1:50, 1:100, 1:1250

Date March 98 | Drawn by ML

Drg. No. 98/19/01 | Rev