Roof over Utility to be 13mm stone chippings bedded on 3 layers built up felt roofing all bitumen bonded on 50mm B.S. polystyrene and 18mm ext. grade plywood sheathing on firrings to fall 1:10.

50×170mm SC3 joists at 400mm centres

12.5mm foil backed plasterboard ceiling with Artex finish

Flat roofing taken up 450mm under lap of tiled roofing.

I.B. Bm 200 lintel with 150mm end bearing.

215×20mm SC3 lathed

100mm blockwork carried up to underside of roof finish and fire stopped

Cavity wall:-
100mm facing brickwork to match existing
50mm cavity with 50mm Dritherm insulation and 100mm insulating blockwork.

Wall ties at 900mm horizontally 450mm vertically and at 225mm to jambs of openings.

Mortar to be 1:1:6 cement lime sand

Openings to have horizontal and vertical dpc's jambs to be insulated with "Domner" or equal.

D.P.C. to be set 150mm above ground level cavity to be filled with weak concrete to ground level.
Brickwork and blockwork below dpc to be frostproof.

Foundation carried across garage door opening.

40mm screed on 100mm S.T.4 concrete, 500g. polythene vapour barrier, 50mm K.6 polystyrene insulation, 1200 gauge polythene d.p.m. and 100mm blinded and consolidated hardcore fill.

Foundations to be 700mm wide under cavity walls, 450mm under single brick all 230mm deep with S.T.4 concrete and taken down to firm strata, to approval (to be compatable with existing)

East Elevation

North Elevation

West Elevation.

Utility to have 4600mm² trickle ventilation

Provide extractor fan capable of 30 litres/second

Windows to be double glazed P.V.C. with min. 12mm air gap and draught proofed

Door to have safety glass to B.S. 6206

I.B. Lib-20 lintels with 150mm end bearings

RWP

existing manhole

boundary

R.W.P. waste and soil pipes to be altered as necessary.

Rain water drains to be supporting, 100mm P.V.C. bedded on pea gravel and to fall 1:10 to soakaways.

Soakaways to be more than 5m from buildings, 1 metre cube below inlet filled with broken brickbats covered with polythene and backfilled with soil.

soakaway

existing driveway

new roadway to give additional parking

Site Plan
scale 1:500

13mm stone chippings bedded on 3 layers built up felt roofing all bitumen bonded on 18mm exterior grade plywood. Fall to fall 1:10

50×170mm joists (SC3) at 400mm centres with herring bone strutting at mid-span. 38×38mm.

100mm P.V.C. half round gutter

roof level of former store

facing brickwork

Cavity to be flashing with 150mm upstand

Floor in Utility to finish level with that in house

100mm S.T.4 concrete on 1200 gauge polythene d.p.m.

d.p.c. level

Class 'A' concrete blocks

100mm consolidated and blinded hardcore fill.

450×230mm S.T.4 concrete foundation

550mm wide × 450mm deep S.T.4 concrete - final details and depth to be agreed when exposed.

Dining

Kitchen

Utility

Living Room

Stairs

Garage

I.B. Bm 100 lintel to carry brickwork over

Wall insulated with 50mm polystyrene and 12.5mm plasterboard with Artex finish

2-4
7'10"

½ hour fire door and frame with 100mm step up from garage

8'6"×8'0" up and over garage door

notational boundary

Ground Floor

Location - scale 1:2500
O.S. Map ref 242

Carrington Channel

SOUTH HOLLAND DC
HOUSING & PLANNING
26 MAY 2000
Ref: 0676/00

DETERMINED PLAN

Mr. and Mrs. D. M. Holmes,
16, Edinburgh Drive, SPALDING.

Alterations and Extension.

Written dimensions to be used in preference to scaled, and all measurements to be verified by checking on site

Scale 1:50

Local Authority Ref. Planning

Drawing No. 200211

Building Regulations

Date Feb. 2000

A. ROFFE
BUILDING DESIGN & PLANS
1, Green Lane,
SPALDING, Lincs. PE11 2YB
Tel: 01775-723 680
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