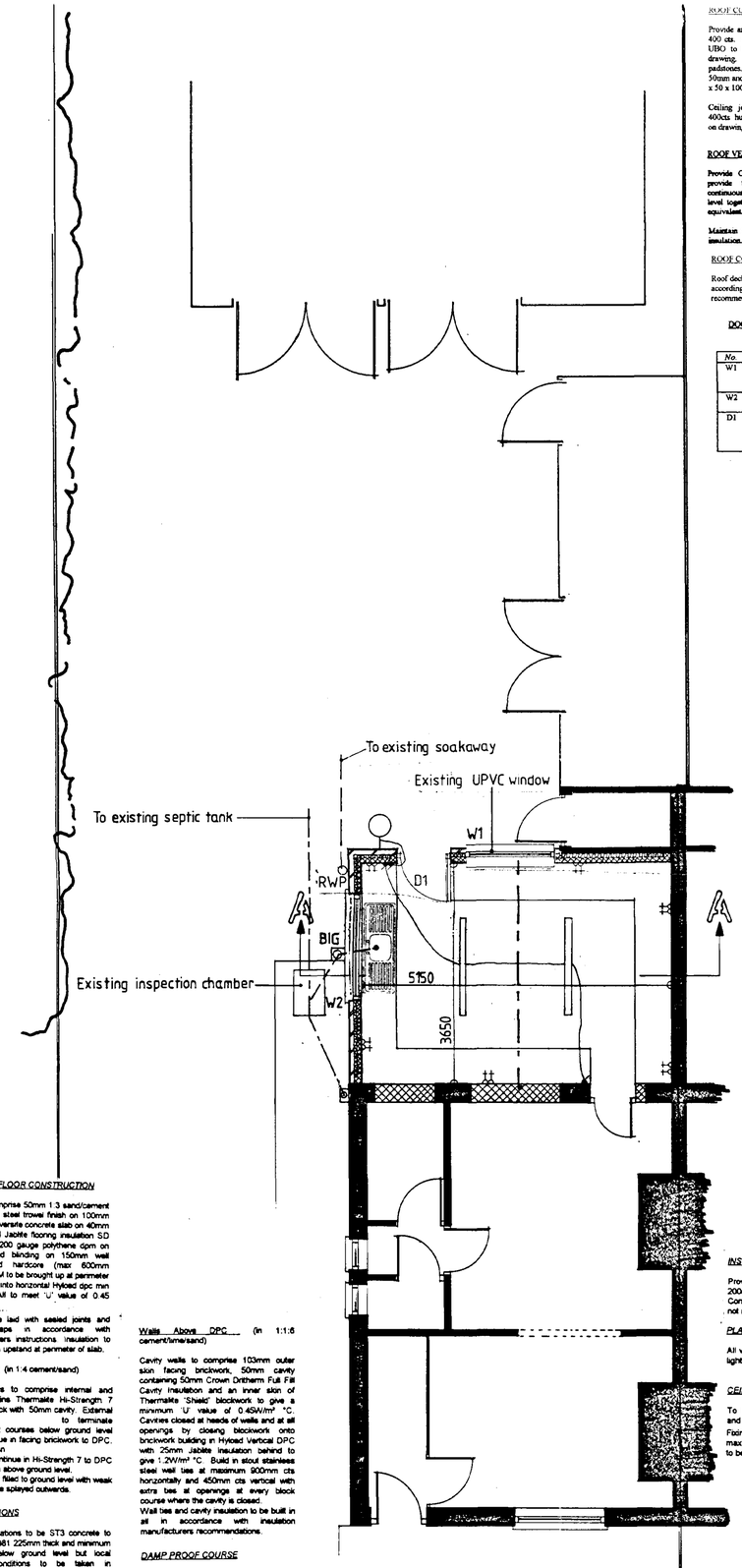


GROUND FLOOR PLAN

GROUND FLOOR CONSTRUCTION

Floor to comprise 50mm 1:3 sand/cement screed with steel trowel finish on 100mm C15P mix oversite concrete slab on 40mm Vencel Resil Jabite flooring insulation SD grade on 1200 gauge polythene sheet on 25mm sand blinding on 150mm well consolidated hardcore (max 600mm filling). DPM to be brought up at perimeter walls to lap into horizontal Hyload dpc min 50mm . All to meet 'U' value of 0.45 W/m²K.

DPM to be laid with sealed joints and 300mm laps in accordance with manufacturers instructions. Insulation to have 25mm upstand at perimeter of slab.

Below DPC (in 1:4 cement/sand)

Cavity walls to comprise internal and external skins Thermalite Hi-Strength 7 100mm block with 50mm cavity. External skin to terminate minimum 2 courses below ground level then continue in facing brickwork to DPC. Internal skin to continue in Hi-Strength 7 to DPC min 150mm above ground level.
Cavity to be filled to ground level with weak mix concrete splayed outwards.

FOUNDATIONS

Strip foundations to be ST3 concrete to BS 5328:1981 225mm thick and minimum 600mm below ground level but local ground conditions to be taken in consideration and final depth to be taken down to firm loadbearing strata and to Local Authority satisfaction.
Foundation width to be:- Cavity Walls 725mm

Walls Above DPC (in 1:1:6 cement/lime/sand)

Cavity walls to comprise 103mm outer skin facing brickwork, 50mm cavity containing 50mm Crown Dritherm Full Fill Cavity Insulation and an inner skin of Thermalite 'Shield' blockwork to give a minimum 'U' value of 0.45W/m² °C. Cavities closed at heads of walls and at all openings by closing blockwork onto brickwork building in Hyload Vertical DPC with 25mm Jabite insulation behind to give 1.2W/m² °C. Build in stout stainless steel wall ties at maximum 900mm cts horizontally and 450mm cts vertical with extra ties at openings at every block course where the cavity is closed.
Wall ties and cavity insulation to be built in all in accordance with insulation manufacturers recommendations.

DAMP PROOF COURSE

Build in Hyload DPC to CP102 to all walls minimum 150mm above ground level and inner leaf linked with the DPM in floors. Provide vertical DPC around the perimeter of all external openings as cavity closers. All dpc's to be bedded on mortar.

ROOF CONSTRUCTION

Provide and fix rafters 50 x 122mm at 400 cts. Steel beam 178 x 102 x 19 UBO to be built in as indicated on drawing. Beam to be bedded on padstones. Wall plate to be 100 x 50mm and to be fixed by 'Bat' Straps 30 x 50 x 1000mm long at 2000mm cts.

Ceiling joist 47 x 122mm fixed at 400cts. hang from the beam as indicated on drawing.

ROOF VENTILATION

Provide Glidevale roof ventilators to provide the equivalent of 10mm continuous roof ventilation along eaves level together with fly proof screen or equivalent.

Maintain 50mm minimum airgap over insulation.

ROOF COVERING

Roof decking to be Profiled Metal fixed according to manufacturers recommendations to rafters.

DOOR/WINDOW/LINTEL SCHEDULE

No.	*Width*	*Height*	*Lintel*	*Type*
W1	-	-	See D1 Lintel Note	Removed from demolitions
W2	1770	1050	L1/S50	Boulton & Paul Q310CVC
D1	-	-	L1/S50 - to span across W1 and D1	Boulton & Paul QDR30

FOUL DRAINAGE

Internal waste pipes to be Osma or equal approved uPVC connected to the appliance in the approved manner. Waste to be 40mm. Sink to discharge into back inlet gulley with pull set stopper for rodding.

Underground drainage to be 110mm Osmadrain with flexible joints to a fall of 1:60 on main runs. Drain to connect into public foul sewer.

SURFACE WATER DRAINAGE

Locate existing surface water drainage pipework. Disconnect existing downpipe (on existing kitchen) and connect new rainwater downpipe to existing pipework and soakaway.

Existing gutter on north side of house to be discharged above kitchen.

Rainwater goods to be Osma Roundline 100mm half round gutter, with 68mm round downpipes.

Gutter laid to a fall of 1:600.

INSULATION

Provide and lay between ceiling joists 200mm fibreglass quilt insulation (Owens Corning 'Crown Wool') ensuring quilt does not restrict eaves ventilation.

PLASTER

All walls internally to be finished in 13mm lightweight plaster to receive decoration.

CEILINGS

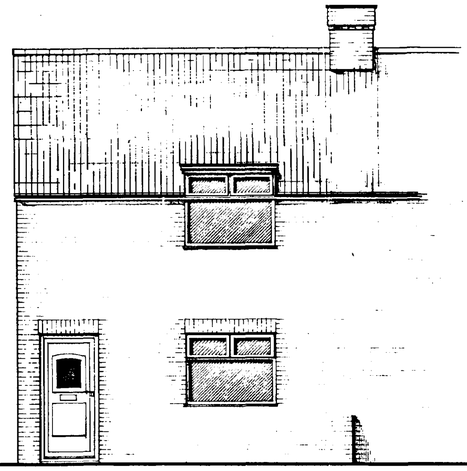
To be 12.5mm plasterboard with taped and filled joints to receive Artex Finish
Fixings to be 63 x no. 8 wood screws at max 200mm cts. All unrestrained edges to be supported by noggins

ELECTRICAL SYMBOLS KEY

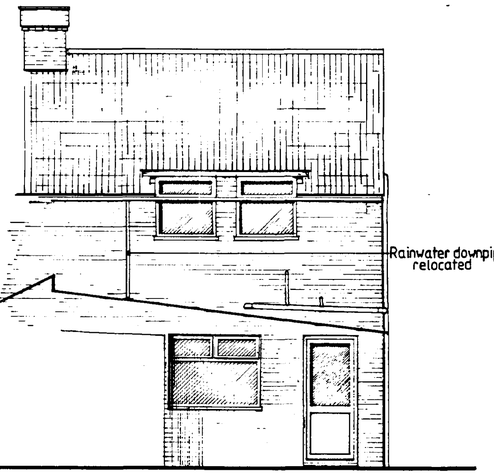
- Ceiling lighting point
- Wall lighting point
- One way switch
- 13 amp double switched socket



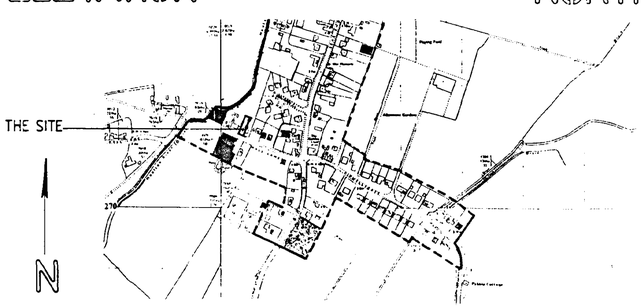
WEST ELEVATION



SOUTH ELEVATION



NORTH ELEVATION



LOCATION PLAN 1:2500

notes

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revision		*date*
1	Door and window moved	7/5/97
2	Kitchen reduced in size	28/5/97

SOUTH HOLLAND DC
HOUSING & PLANNING
10 JUN 1997
Ref: 0650/97

JOHN D LYNCH
partnership
CHARTERED ARCHITECTS

project / drawing

PROPOSED EXTENSION TO 16 HALL LANE,
MOULTON SEAS END FOR MR & MRS RICHARDS.

scale	*date*	*drawn*
1:50 1:2500	APRIL 97	KB
project no.		*drawing no*
1408		AB/1

revisions
12

Walls Above DPC (in 1:1:6 cement/lime/sand)

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No.	*Width*	*Height*	*Lintel*	*Type*
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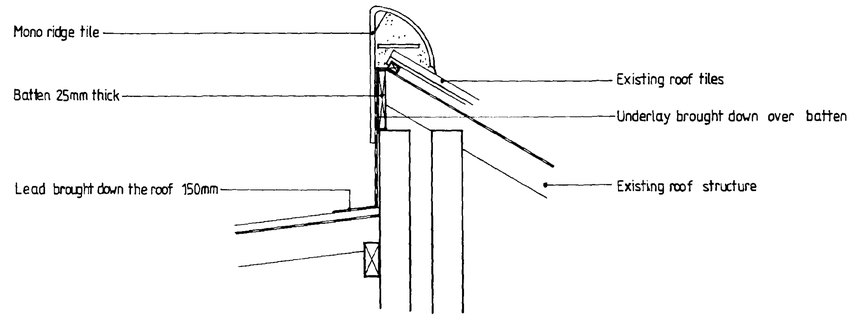
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DETAIL A 1:10

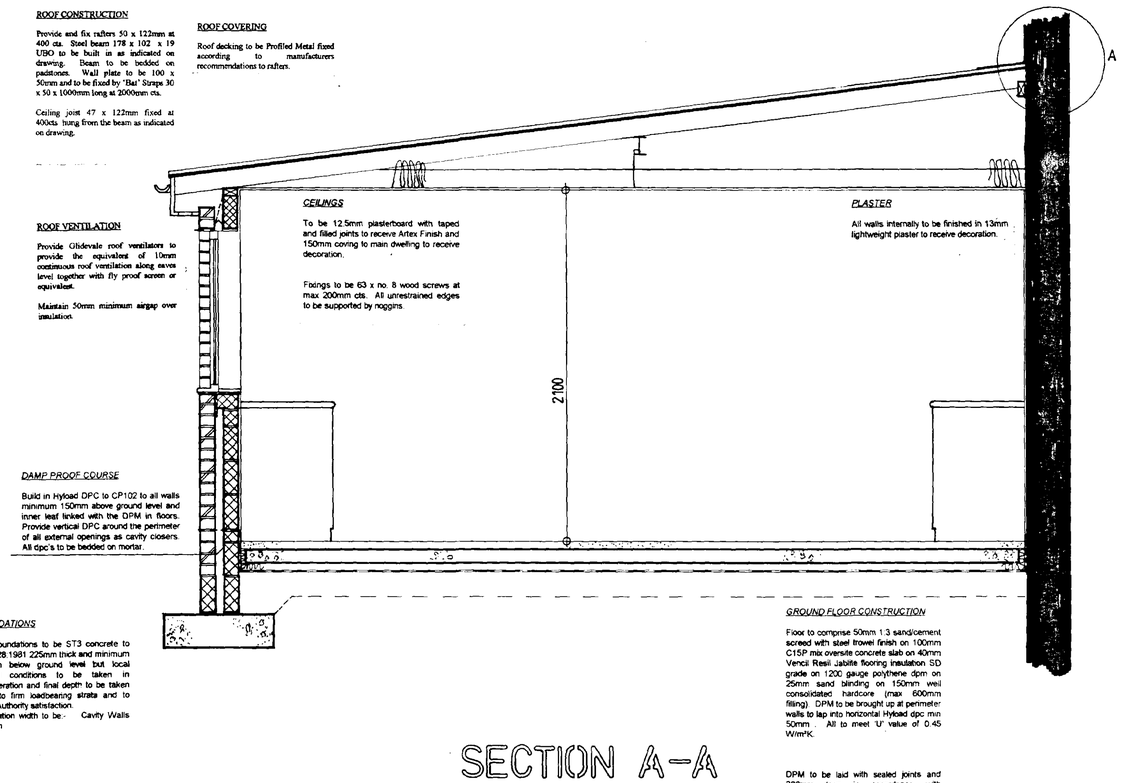
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ROOF VENTILATION

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CEILINGS

To be 12.5mm plasterboard with taped and filled joints to receive Artex Finish and 150mm coving to main dwelling to receive decoration.

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DAMP PROOF COURSE

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FOUNDATIONS

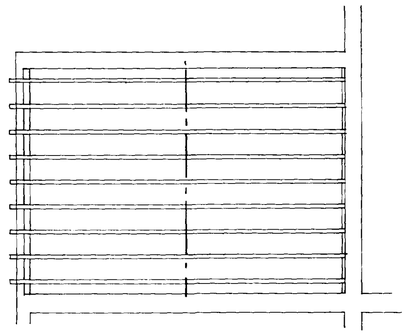
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SECTION A-A



ROOF PLAN

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revision	*date*
1 Roof structure changed	28/5/97

SOUTH HOLLAND DC
HOUSING & PLANNING
10 JUN 1997
Ref: 0550/97

JOHN D LYNCH
partnership
CHARTERED ARCHITECTS

project / drawing

PROPOSED EXTENSION TO 16 HALL LANE.
MOULTON SEAS END FOR MR & MRS RICHARDS.

scale	*date*	*drawn*
1:50 1: 20	MAY 97	KB

project no.	*drawing no*
1408	AB/2

revisions
1