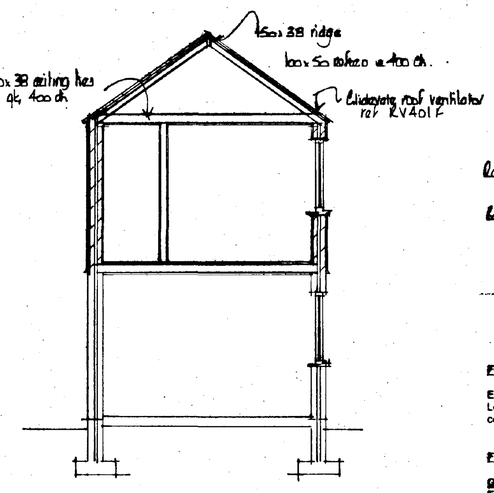
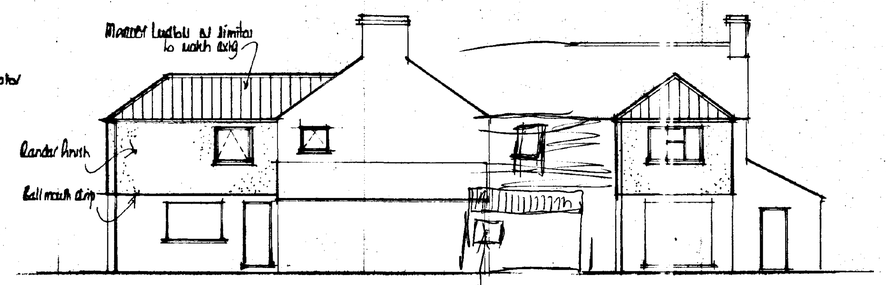


SECTION A - A



FOUNDATIONS

Existing foundations to be exposed for inspection by the Local Authority Building Inspectors prior to commencement of the proposal.

FLOOR CONSTRUCTION

Ground
Existing unaffected by proposal

First
18mm Weyroc floor panels
170 x 50mm SC3 grade tanalised timber joists at 400mm cts with min. 1 row herringbone strutting midspan
12.7mm plasterboard, fixed in accord with manufacturers instructions, with all necessary noggins etc. and finished with either artex or skim in accord. with clients instructions.

WALL CONSTRUCTION

Above Ground
To be 265mm o/a constructed as follows :-

100mm Tarmac Toplite Standard
@5 mineral wall insulation i.e. Dritherm (k = 0.038)
100mm loadbearing insulation blocks i.e. Hemelite (k = 0.037)

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

External render finish to be min. 12mm thickness render with proprietary waterproof additive with all necessary expanded metal plaster stops and finished with Tyrolean render applied in strict accordance with manufacturers instructions. Render to terminate in a bell mouth drip. Render to conform to BS5262 : 1976

Internal finish to be 12mm render with gypsum plaster skim finish to give a 'U' value of 0.414W/mK

Stud Partitions
to be constructed as follows :-

75 x 50mm head and sole plate
75 x 50mm studs at 400mm cts with min. 2 rows
75 x 50mm noggins equally spaced
75mm glassfibre insulation within framework
face both sides with 12.7mm plasterboard, tape joint and skim finish

stud partitions to be constructed off doubled up floor joists (bolted together at 1.0m cts) at first floor level when running parallel to joists, and off 75 x 50mm sole plate, with solid blocking between joists, when running perpendicular to joists.

DPC in Walls
An insulating vertical cavity closer and dpc, i.e. Thermabate, is to be provided to all cavity closures. A dpc cavity tray, stepped as applicable, is to be constructed within the wall immediately above an abutment

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.

Ridge
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

Valleys
Valleys are to be formed with Code 4 lead lining supported by boards with the adjacent tiling neatly cut and bedded onto plain tile slips leaving a clear channel approx. 125mm wide.

Hips
Hips should be covered with Marley segmental ridge tiles of similar colour and texture to that of the main roof tiles. The tiling should be cut closely to the rake of the hip and the ridge tiles bedded, with solid bedding at butt joints, onto the adjacent roof tile.

A galv. hip iron, 6mm thick, should be fixed at the base of the hip tree with 2No 2.65mm diam. screws.

The first hip tile should be shaped at the foot to the line of tiling at the eaves and the fair end filled with mortar inset with pieces of tile and neatly pointed.

The junction of the hip and ridge should be mitred using a standard three way mitre and solid bedding.

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.

Insulation
To be Rockwool Rollbatts (k = 0.037 W/mK), 150mm laid between joists with a further layer of 80mm laid at right angles over the top.

Ceilings
12.7mm foil backed plasterboard, fixed in accordance with manuf. instructions with all necessary noggins etc, and finish with artex/skim finish in accord with clients instructions.

Ventilation
Provide Glidevale roof ventilators ref RV401F between rafters in accordance with manufacturers instructions to provide cross ventilation to the roof space

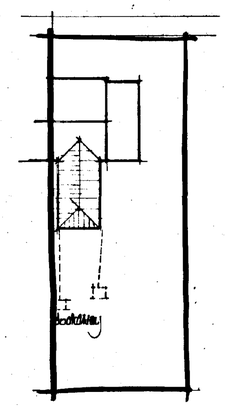
Rainwater Goods
Supply and fix 103mm PVC gutters to fascia with all necessary brackets, stop ends, outlets etc.

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 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.

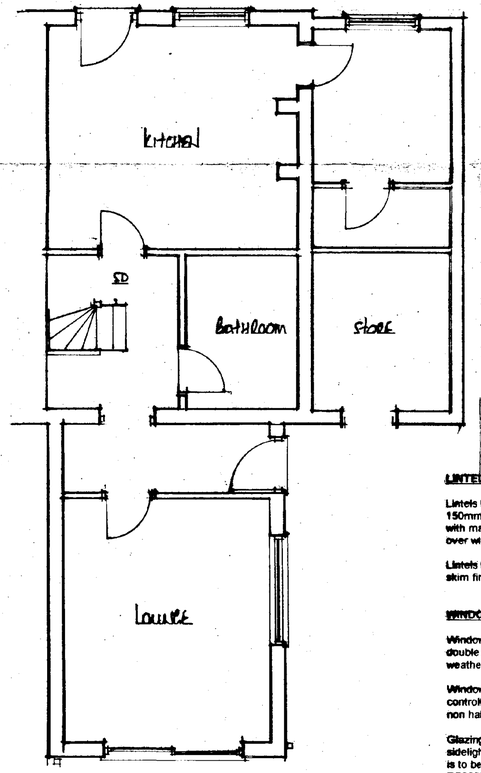


BLOCK PLAN

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.



EXISTING
GROUND FLOOR PLAN

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

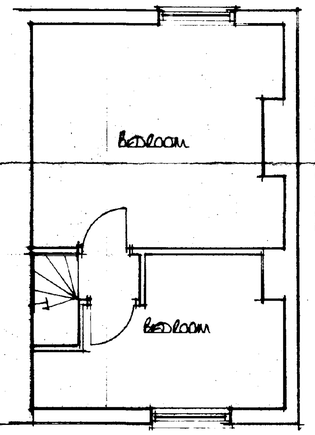
Lintels to be protected with min. 15mm gypsum plaster skim finish to give a min. half hour fire protection

WINDOWS & DOORS

Windows and doors to be Boulton and Paul, or similar, double glazed with 12mm air gap to sealed units and weather stripped.

Windows to habitable rooms are to incorporate a controllable trickle vent of 8000 sq mm., 4000 sq mm. to non habitable rooms.

Glazing to windows less than 800mm and doors (include sidelights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206 : 1981



EXISTING
FIRST FLOOR PLAN

WINDOW & LINTEL SCHEDULE

Location	Window ref	Lintel ref &	length
1	312CVC	IG L1/S	2100
2	212A	IG L1/S	1500
3	2N07A	IG Box 200	1200
4	--	IG Box 200	1200

VENTILATION

All habitable rooms are to have windows containing opening vents, the combined total of which is equal to not less than 1/20th of the floor area of the room.

SMOKE DETECTION

Self contained smoke alarms complying with BS5446 : Pt 1 : 1990 are to be installed where indicated SD on the drawing. An alarm must be positioned within 3.0m of bedroom doors.

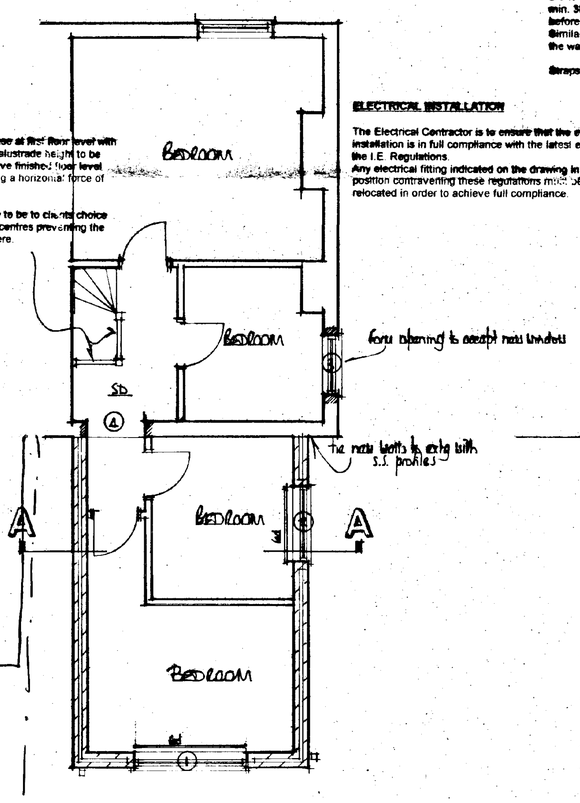
The alarms are to be permanently wired to a separately fixed circuit at the distribution board operating at a low voltage via a mains transformer.

The wiring installation is to comply with the I.E.E. Regulations.

STAIRCASE

Replace exig stud wall to staircase at first floor level with newel posts and balustrading. Balustrade height to be 900mm measured vertically above finished floor level and to be capable of withstanding a horizontal force of 0.36Kn/m

The balusters to the handrail are to be to clients choice and are to be equally spaced at centres preventing the passage of a 100mm diam. sphere.



PROPOSED

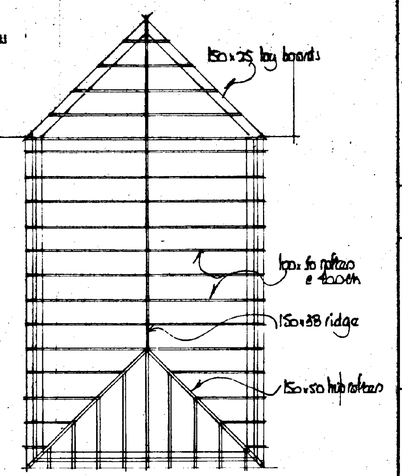
ELECTRICAL INSTALLATION

The Electrical Contractor is to ensure that the electrical installation is in full compliance with the latest edition of the I.E. Regulations.
Any electrical fitting indicated on the drawing in a position contravening these regulations must be relocated in order to achieve full compliance.

HOT WATER SYSTEM

A room thermostat o/ radiator valves are to be installed.

All pipes not contributing to useful heat requirements are to be insulated using an insulation material with a thermal conductivity not exceeding 0.45W/mK and a thickness equal to the external diameter of the pipe up to a max. of 40mm.



ROOF PLAN

SOUTH HOLLAND HOUSING DEPARTMENT
17 NOV 1995
Ref: 1111/95

A		
	Date	Revisions

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"Willow Lodge",
Horseshoe Road,
Spalding,
Lincs. PE11 3JA
Tel: Spalding (0775) 767966

Client
Mr L. ANDERSON

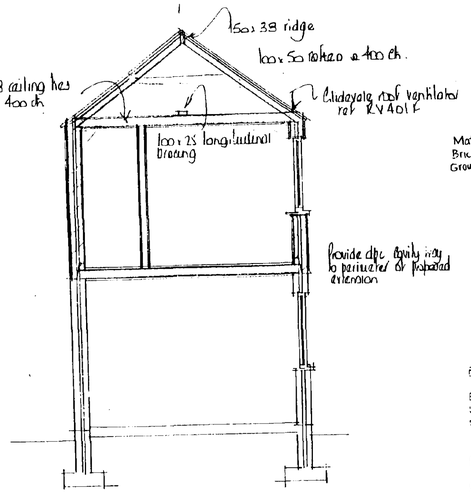
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303 Bourne Road
Spalding

Drawing Title
Plans DETAIL PLAN
Section
& Elevations

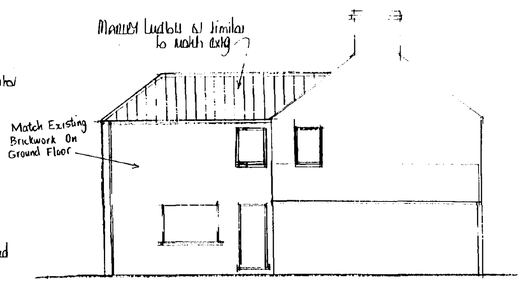
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Date Nov 95 | Drawn by AL

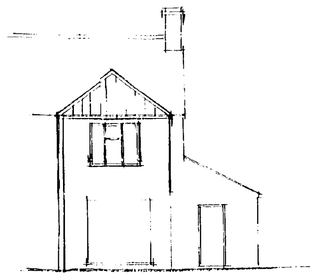
Drg. No. 95/71/01 | Rev



SECTION A - A



EAST



NORTH

FOUNDATIONS

Existing foundations to be exposed for inspection by the Local Authority Building Inspectors prior to commencement of the proposal

FLOOR CONSTRUCTION

Ground
Existing unaffected by proposal

First
18mm Weyroc floor panels
170 x 50mm SC3 grade tanalised timber joists at 400mm cts with min. 1 row herringbone strutting mid-span
12.7mm plasterboard, fixed in accord with manufacturers instructions, with all necessary noggins etc. and finished with either artex or skim in accord. with clients instructions
4x mild steel straps to floor and walls @ 2m centres including noggin out between joists prior to fixing flaps

WALL CONSTRUCTION

Above Ground
To be 265mm o/a constructed as follows :-

100mm Brick (To Match Existing Brickwork)
65 mineral wall insulation i.e. Dritherm (k = 0.036)
100mm loadbearing insulation blocks i.e. Hemelite (k = 0.037)

All to be tied together using stainless steel wall ties positions at distance not exceeding 900m.c. 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 'U' value of 0.414W/mK

Stud Partitions
to be constructed as follows :-

75 x 50mm head and sole plate
75 x 50mm studs at 400mm cts with min. 2 rows
75 x 50mm noggins equally spaced
75mm glassfibre insulation within framework
face both sides with 12.7mm plasterboard, tape joint and skim finish

stud partitions to be constructed off doubled up floor joists (bolted together at 1.0m cts) at first floor level when running parallel to joists, and off 75 x 50mm sole plate, with solid blocking between joists, when running perpendicular to joists.

DPC in Walls
An insulating vertical cavity closer and dpc i.e. Thermabate, is to be provided to all cavity closures
A dpc cavity tray, stepped as applicable, is to be constructed within the wall immediately above an abutment

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

Ridge
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

Valleys
Valleys are to be formed with Code 4 lead lining supported by boards with the adjacent tiling neatly cut and bedded onto plain tile slips leaving a clear channel approx. 125mm wide

Hips
Hips should be covered with Marley segmental ridge tiles of similar colour and/or to that of the main roof tiles. The tiling should be closely to the rake of the hip and the ridge tiles bedded in solid bedding at butt joints onto the adjacent ridge

A galv. hip iron, 6mm thick, should be fixed at the base of the hip tree with 2.65mm diam. screws

The first hip tile should be shaped at the foot to the line of tiling at the eave of the fair end filled with mortar inset with pieces of sand and neatly pointed

The junction of the hip and ridge should be mitred using a standard three way tile and solid bedding

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

Insulation
To be Rockwool batts (k = 0.037 W/mK) 150mm laid between joists and further layer of 80mm laid at right angles over this

Ceilings
12.7mm foil backed plasterboard, fixed in accordance with manufacturers instructions with all necessary noggins etc. and finish with a skim finish in accord with clients instructions

Ventilation
Provide Glidevale roof ventilators ref RV4GIF between rafters in accordance with manufacturers instructions to provide cross ventilation to the roof space.

Rainwater Goods
Supply and fix 110mm PVC gutters to fascia with all necessary brackets, stop ends, outlets etc

Supply and fix 68mm PVC downpipes securely clipped to walls at 1800mm cts with all necessary offsets, swannecks, adaptors etc and taken into 100mm diam upturned bend/base

STRAPPING

Where rafters at 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.

STAIRCASE

Replace exig stud wall to staircase at first floor level with newel posts and balustrading. Balustrade height to be 900mm measured vertically above finished floor level and to be capable of withstanding a horizontal force of 0.36kn/m

The balusters to the handrail are to be to clients choice and are to be equally spaced at centres preventing the passage of a 100mm diam. sphere

ELECTRICAL INSTALLATION

The Electrical Contractor is to ensure that the electrical installation is in full compliance with the latest edition of the I.E. Regulations.
Any electrical fitting indicated on the drawing in a position contravening these regulations must be relocated in order to achieve full compliance

HOT WATER SYSTEM

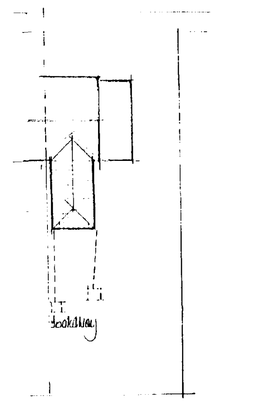
A room thermostat or radiator valves are to be installed

All pipes not contributing to useful heat requirements are to be insulated using an insulation material with a thermal conductivity not exceeding 0.45W/mK and a thickness equal to the external diameter of the pipe up a max. of 40mm.

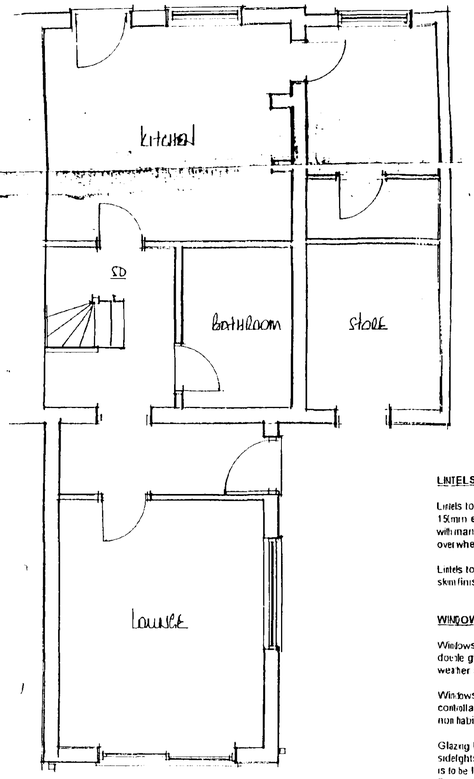
DRAINAGE

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

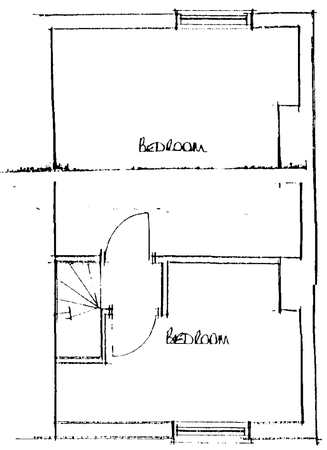
Form soakaway where indicated a min. 5.0m from the nearest building. Excavate 1200 x 1200 x 1200mm deep, backfill with brick rubble to 300mm below ground level, lay in sheet polythene and make up with vegetable soil.



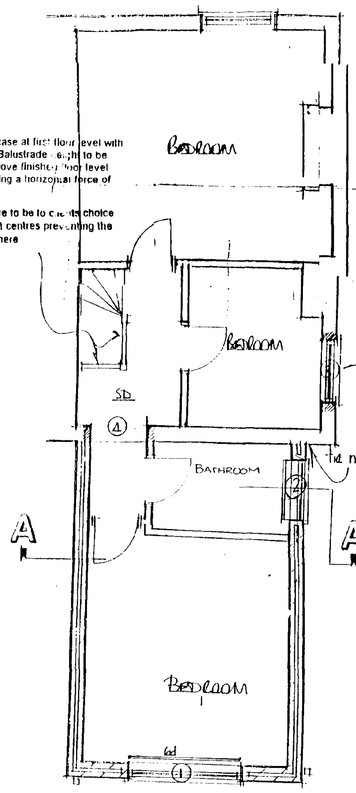
BLOCK PLAN



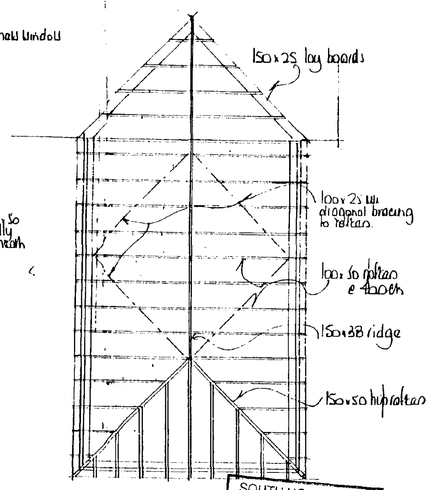
EXISTING GROUND FLOOR PLAN



EXISTING FIRST FLOOR PLAN



PROPOSED



ROOF PLAN AFTER

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 to be protected with min. 15mm gypsum plaster skim finish to give a min. half hour fire protection

WINDOWS & DOORS

Windows and doors to be Boulton and Paul, or similar double glazed with 12mm air gap to sealed units and weather stripped

Windows to habitable rooms are to incorporate a controllable trickle vent of 8000 sq.mm. 4000 sq.mm. to non habitable rooms

Glazing to windows less than 800mm and doors (include sidelights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206 : 1981

WINDOW & LINTEL SCHEDULE

Location	Window ref	Lintel ref & length	
1	312CVC	IG L1/S	2100
2	212A	IG L1/S	1500
3	2N07A	IG Box 200	1200
4	--	IG Box 200	1200

VENTILATION

All habitable rooms are to have windows containing opening vents, the combined total of which is equal to not less than 1/20th of the floor area of the room

SMOKE DETECTION

Self contained smoke alarms complying with BS5446 Pt 1 : 1990 are to be installed where indicated SD on the drawing. An alarm must be positioned within 3.0m of bedroom doors

The alarms are to be permanently wired to a separately fixed circuit at the distribution board operating at a low voltage via a mains transformer

The wiring installation is to comply with the I.E. Regulations

SOUTH HOLLAND DC
HOUSING & PLANNING
21 MAY 1999
Ref: 1111/95

AMENDED PLAN
Ref. A1

B	MAY 99	REVISED TO INCLUDE MOVE WINDOW OVER DOOR
A	Nov 95	Amended to L.A. requirements
	Date	Revisions

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East Midlands Design Associates
"Willow Lodge"
Horseshoe Road,
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Lincs. PE11 3JA
Tel. Spalding (0775) 767968

Client
MR M. STONER

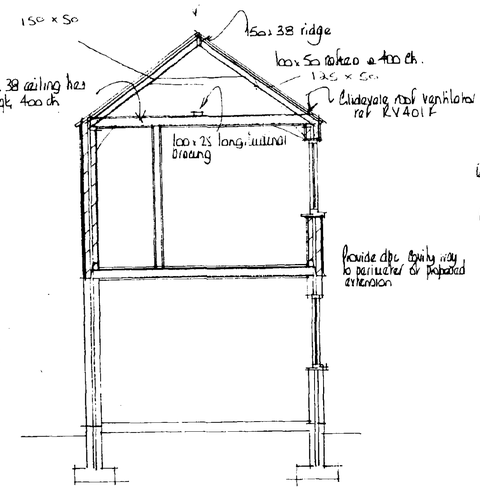
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At
303 Bourne Road
Spalding

Drawing Title
Plans
Section
&
Elevations

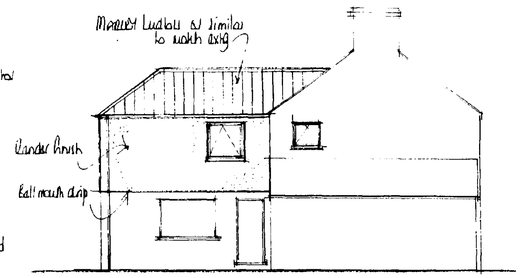
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Date Nov 95 | Drawn by AL

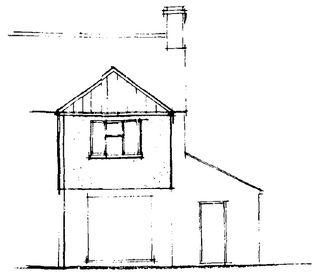
Drg No 95/71/01 | Rev B



SECTION A - A



EAST



NORTH

FOUNDATIONS

Existing foundations to be exposed for inspection by the Local Authority Building Inspectors prior to commencement of the proposal

FLOOR CONSTRUCTION

Ground
Existing unaffected by proposal

First
18mm Weyroc floor panels
170 x 50mm SC3 grade tanalised timber joists at 400mm cts with min. 1 row herringbone strutting midspan
12.7mm plasterboard, fixed in accord with manufacturers instructions, with all necessary noggins etc and finished with either artex or skim in accord with clients instructions.
Fix mild steel straps to floors and beam a long 2 course of adjoining noggin out between joists prior to fixing flaps

WALL CONSTRUCTION

Above Ground
To be 265mm o/a constructed as follows :-

100mm Tarmac Toplite Standard
65 mineral wall insulation i.e. Dritherm (k = 0.036)
100mm loadbearing insulation blocks i.e. Hemelite (k = 0.037)

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.

External render finish to be min. 12mm thickness render with proprietary waterproof additive with all necessary expanded metal plaster stops and finished with Tyrolean render applied in strict accordance with manufacturers instructions. Render to terminate in a bell mouth drip. Render to conform to BS5262 : 1976

Internal finish to be 12mm render with gypsum plaster skim finish to give a 'U' value of 0.414W/mK

Stud Partitions
to be constructed as follows :-

75 x 50mm head and sole plate
75 x 50mm studs at 400mm cts with min. 2 rows
75 x 50mm noggins equally spaced
75mm glassfibre insulation within framework
face both sides with 12.7mm plasterboard, tape joint and skim finish

stud partitions to be constructed off double up floor joists (bolted together at 1.0m cts) at first floor level when running parallel to joists, and off 75 x 50mm sole plate, with solid blocking between joists, when running perpendicular to joists.

DPC in Walls
An insulating vertical cavity closer and dpc tray Thermabate, is to be provided to all cavity closures. A dpc cavity tray stepped as applicable, is to be constructed within the wall immediately above an abutment

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 30 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

Ridge
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

Valleys
Valleys are to be formed with Code 4 lead lining supported by boards with the adjacent tiling neatly cut and bedded onto plain tile slips leaving a clear channel approx 125mm wide

Hips
Hips should be covered with Marley segmental ridge tiles of similar colour and/or to that of the main roof tiles. The tiling should be closely to the rake of the hip and the ridge tiles bedded in solid bedding at butt joints onto the adjacent rd

A galv. hip iron, 6mm thick, should be fixed at the base of the hip tree with 2 65mm diam. screws

The first hip tile should be shaped at the foot to the line of tiling at the eaves of the fair end filled with mortar inset with pieces of slate and neatly pointed

The junction of the hip and ridge should be mitred using a standard three whitre and solid bedding

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

Insulation
To be Rockwool Flatts (k = 0.037 W/mK) 150mm laid between joists with further layer of 80mm laid at right angles over this

Ceilings
12.7mm foil backed plasterboard, fixed in accordance with manufacturers instructions with all necessary noggins etc. and finish with plaster skim finish in accord with clients instructions.

Ventilation
Provide Glidevale roof ventilators ref RV401F between rafters in accordance with manufacturers instructions to provide cross ventilation to the roof space.

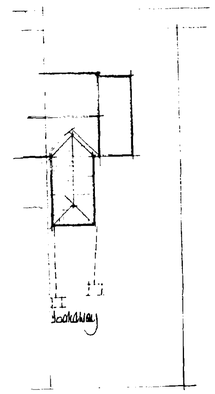
Rainwater Goods
Supply and fix 65mm PVC gutters to fascia with all necessary brackets, stop ends, outlets etc.

Supply and fix 68mm PVC downpipes securely clipped to walls at 1800mm cts with all necessary offsets, swannecks, shoes etc and taken into 100mm diam upturned bend/base

STRAPPING

Where rafters & 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 5mm galv. m.s.



BLOCK PLAN

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.

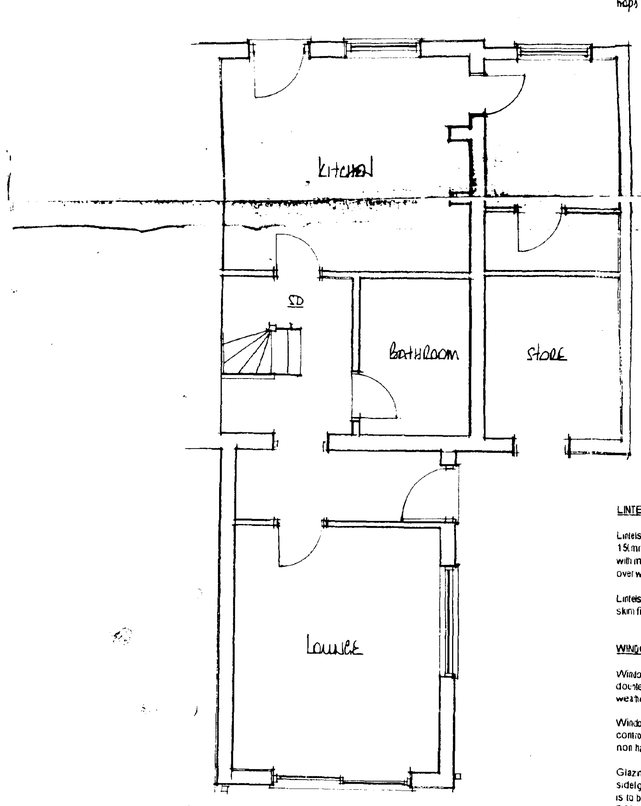
HOT WATER SYSTEM

A room thermostat on radiator valves are to be installed

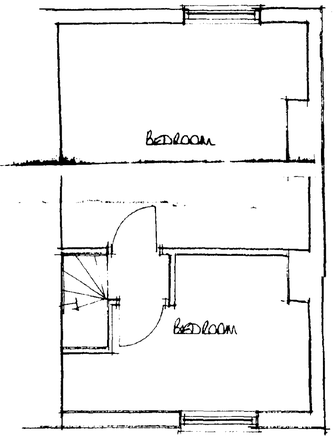
All pipes not contributing to useful heat requirements are to be insulated using an insulation material with a thermal conductivity not exceeding 0.45W/mK and a thickness equal to the external diameter of the pipe up to a max. of 40mm.

ELECTRICAL INSTALLATION

The Electrical Contractor is to ensure that the electrical installation is in full compliance with the latest edition of the I.E. Regulations.
Any electrical fitting indicated on the drawing in a position contravening these regulations must be relocated in order to comply with the



EXISTING
GROUND FLOOR PLAN



EXISTING
FIRST FLOOR PLAN

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 to be protected with min. 15mm gypsum plaster skim finish to give a min. half hour fire protection

WINDOWS & DOORS

Windows and doors to be Boulton and Paul, or similar, double glazed with 12mm air gap to sealed units and weather stripped

Windows to habitable rooms are to incorporate a controllable trickle vent of 8000 sq mm, 4000 sq mm to non habitable rooms

Glazing to windows less than 800mm and doors (include sidelights to doors) less than 1500mm above floor level is to be laminated or toughened glass in accord with BS6206 : 1981

WINDOW & LINTEL SCHEDULE

Location	Window ref	Lintel ref & length	
1	312CVC	IG L1/S	2100
2	212A	IG L1/S	1500
3	2N07A	IG Box 200	1200
4	--	IG Box 200	1200

VENTILATION

All habitable rooms are to have windows containing opening vents, the combined total of which is equal to not less than 1/20th of the floor area of the room

SMOKE DETECTION

Self contained smoke alarms complying with BS5446 Pt 1 : 1990 are to be installed where indicated **SD** on the drawing. An alarm must be positioned within 3.0m of bedroom doors.

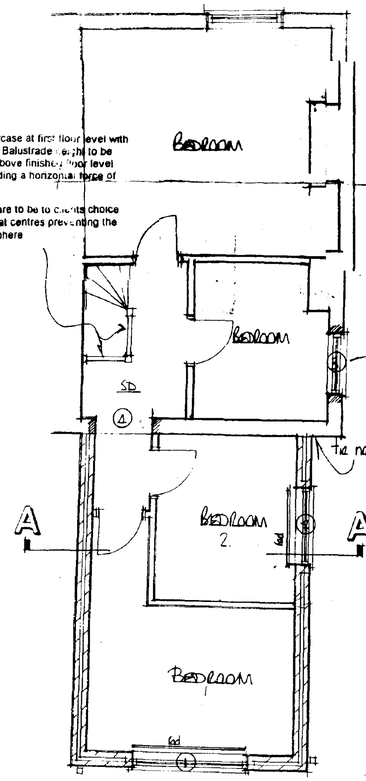
The alarms are to be permanently wired to a separately fixed circuit at the distribution board operating at a low voltage via a mains transformer

The wiring installation is to comply with the I.E. Regulations

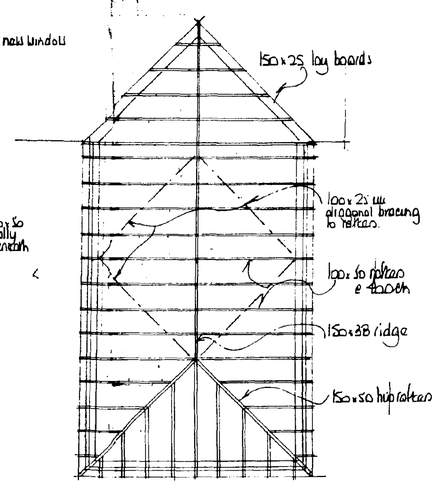
STAIRCASE

Replace extg stud wall to staircase at first floor level with newel posts and balustrading. Balustrade height to be 900mm measured vertically above finished floor level and to be capable of withstanding a horizontal force of 0.36Kn/m

The balusters to the handrail are to be to clients choice and are to be equally spaced at centres preventing the passage of a 100mm diam. sphere



PROPOSED



ROOF PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
21 MAY 1999
Ref: 111/95

ATTACHED PLAN
Ref. A1
BEFORE

Rev	Date	Revisions
A	Dec 99	Amended to L.A. requirements

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Client
Mr L. ANDERSON

Job Title
First floor Extension to Dwell At
363 Boultham Road
Lincoln

Drawing Title
Plans
Section
&
Elevations

Scale 1:50 . 1:100

Date Nov 95 | Drawn by AL

Drg No 95/71/01 | Rev A