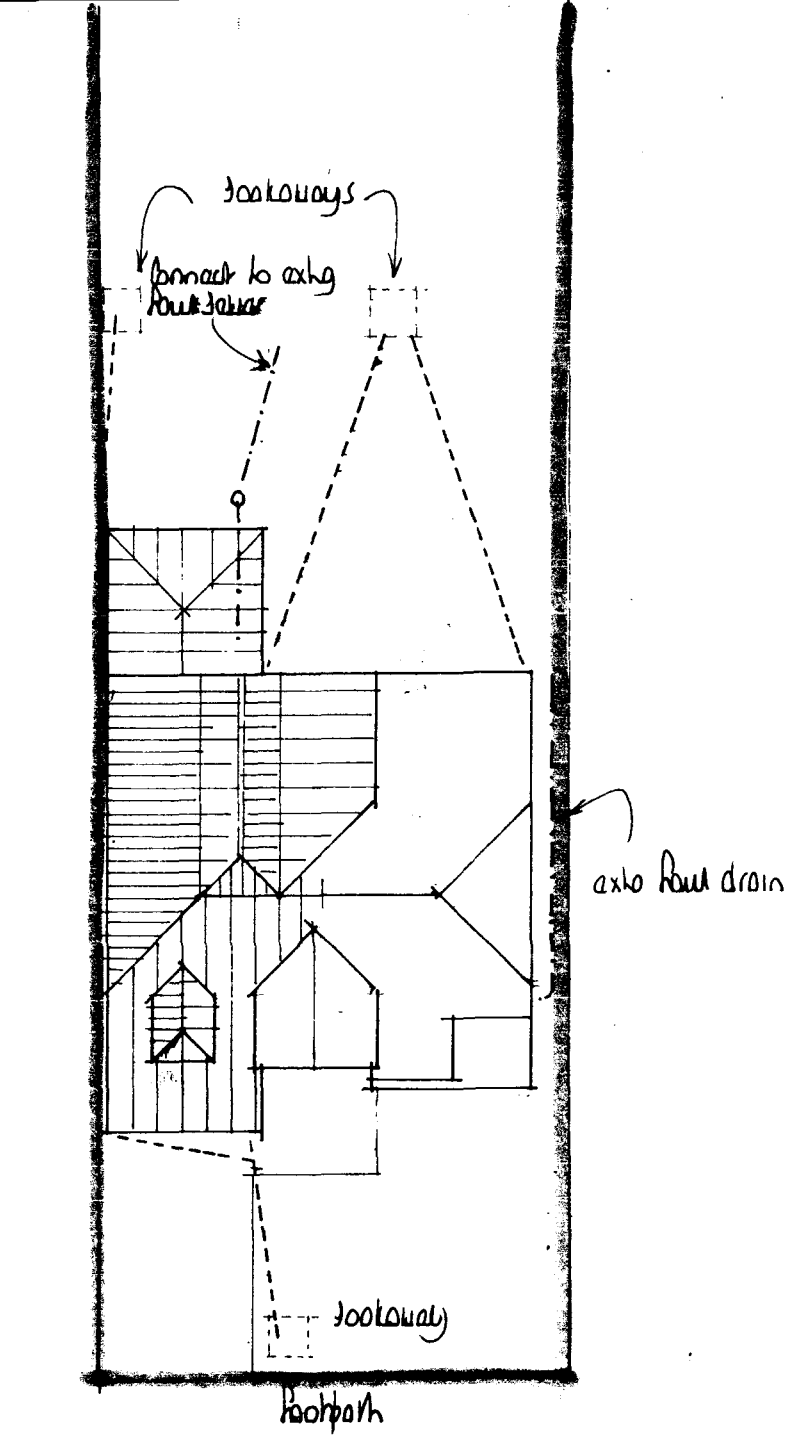


LINK WAY.

A		
	Date	Revisions

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East Midlands Design Associates

"Willow Lodge",
Horseshoe Road,
Spalding,
Lincs. PE11 3JA
Tel: Spalding (0775) 767968

Client
MR. MRS K MOORE

Job Title
EXTENSION & ALTERATIONS AT
6 LINK WAY
SPALDING
LINCS

Drawing Title
BLOCK PLAN.

Scale 1:200

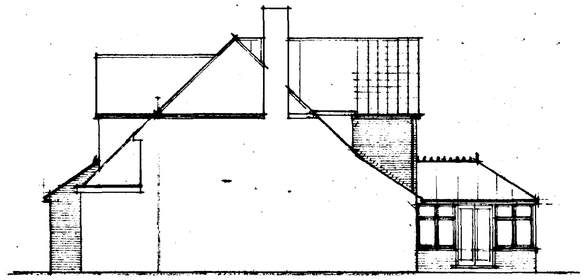
Date FEB 01 | Drawn by DL

Drg. No. 00/38/04. | Rev

FOR PLANNING
BUILDING REGULATIONS
28 FEB 2001
Ref: 00/38/04



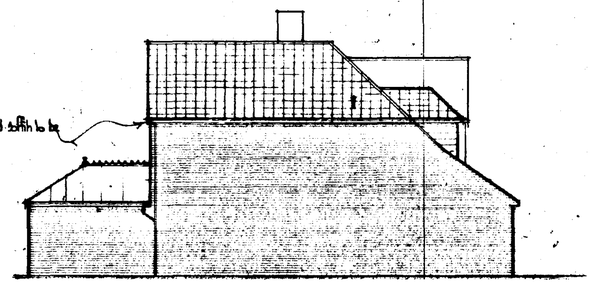
n. west



s. west



s. east



n.east

FOUNDATIONS

Foundations to be ST4 grade concrete

For 265mm walls foundations to be 700 x 230mm
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 extg foundations should be carried out prior to the commencement of any works.

FLOOR CONSTRUCTION

Ground
65mm sand/cement screed reinforced with chicken wire mesh
500g polythene separating membrane
50mm Jablite SD floor insulation (k = 0.037W/m²C)
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.
Where 100mm internal walls are constructed off the floor slab the slab is to be thickened to 230mm for a min. width of 450mm
Strip off all vegetable soil beneath proposal.

First
18mm Weyroc floor panels
175 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.
Ceiling to garage to be 12.7mm Gypsum Fireline Board with 50mm cover strips to joints to give a half hour fire resistance

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete

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

100mm facing brick (to be FL quality below dpc level)
65 mineral wall insulation i.e. Dritherm (k = 0.038)
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

Internal finish to be 12mm render with gypsum plaster skim finish to give a 'U' value of 0.414W/m²K

Internal Walls
To be 100mm blockwork constructed off a dpc off the floor slab

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
To be a min. 150mm above finished ground level
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.

LINTELS

Lintels to be Catnic, 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 Catnic CN102 lintels unless specified otherwise

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 purpose made UPVC double glazed with 12mm air gap to sealed units and weather stripped.

Windows to habitable rooms are to incorporate a controllable trickle vent of 8000mm², 4000mm², to non habitable rooms.

Windows to first floor habitable rooms are to contain openings which are a min. 450mm x 450mm, have an area of 0.33mm², and have a cill level no more than 1100mm above finished floor level. *Key operated locking devices are not permitted to first floor windows.*

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/DOOR & LINTEL SCHEDULE

Location	window/door ref.		lintel ref.	⌀	length
	Width	x height			
1	Front entrance door & side panels				
2	Garage door & frame		CG50/100	2700	
3			CG50/100	1200	
4			CG50/100	1100	
5	Pair French doors		CG50/100	2100	
6	Width	x 1500	CG50/100	3000	
7	2900	x 1500	CG50/100	3300	
8	2400	x 2100	CG50/100	2700	
9	3000	x 2100	CGH50/100	3300	
10	1800	x 1350	CG50/100	2100	
11	1800	x 1200	CG50/100	2100	
12	1800	x 1200	CG50/100	2100	
13			CG50/100	1200	

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.

Where more than one smoke alarm is required the units are to be interconnected so that the detection of smoke by one unit operates the alarm signal in all units.

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

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.

The kitchen is to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 60 litres/sec or 30 litres/sec if in a cooker hood.

All bath and shower rooms are to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 15 litres/sec

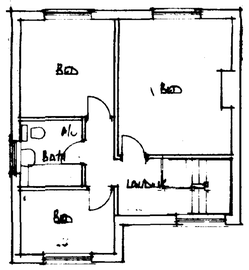
The utility is to be mechanically ventilated direct to the external air. The capacity of the extractor is to be 30 litres/sec

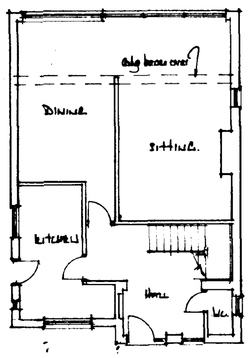
All internal rooms are to be mechanically ventilated direct to the external air. Extractors are to be capable of a min. 3No. air changes per hour and are to incorporate a 15 minute over-run period when installed in WC's, bath/ shower rooms.

ELECTRICAL INSTALLATION

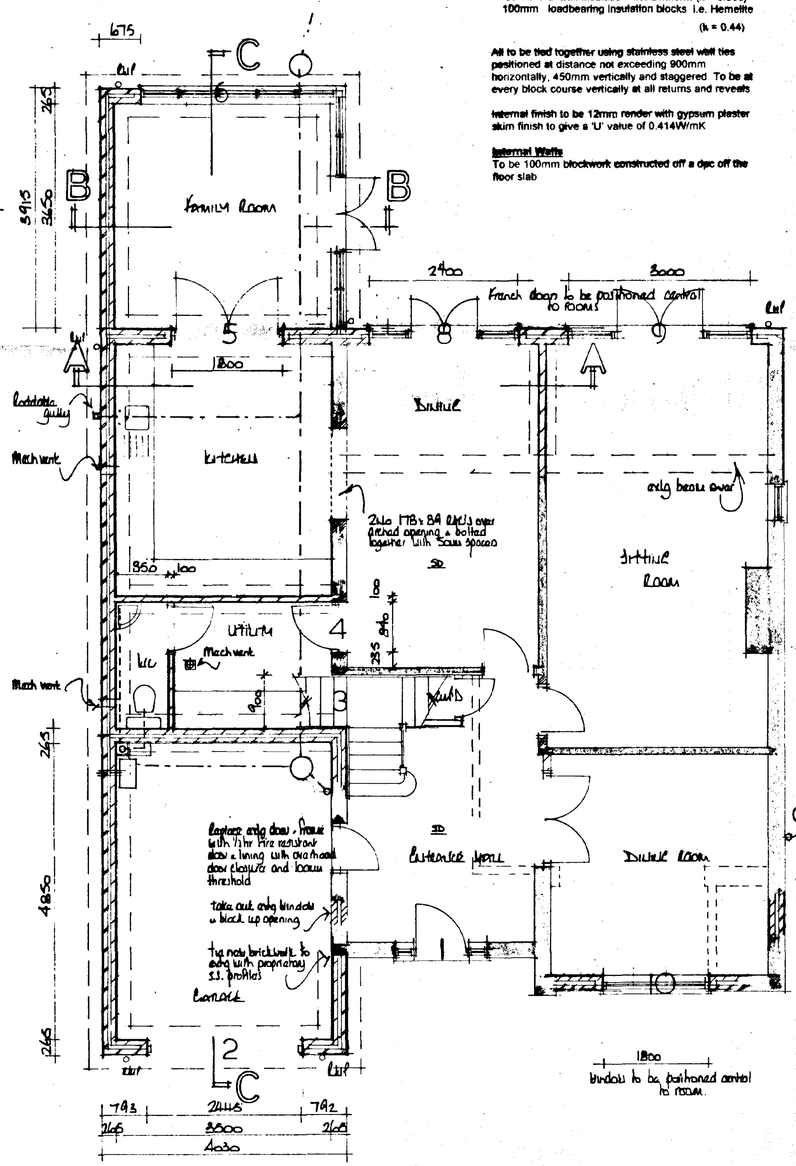
The entire dwelling is to be rewired throughout providing electrical fittings where specified by client

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

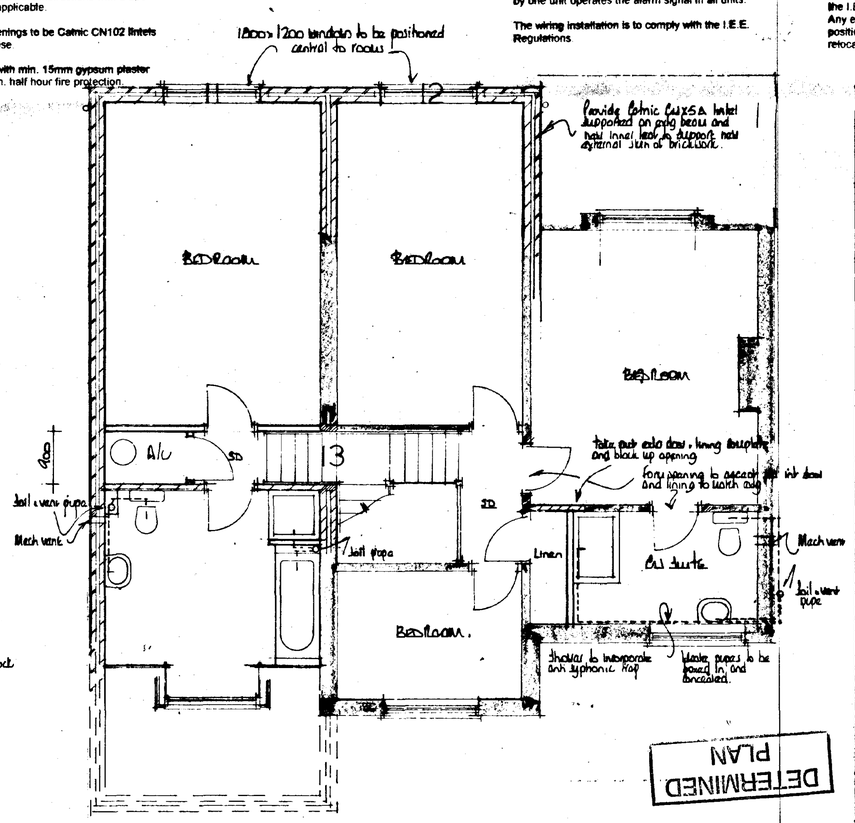




extg



ground floor



first floor

DETERMINED PLAN

SOUTH HOLLAND DC
HOUSING & PLANNING
23 FEB 2001
Ref: 0211/01

A		
	Date	Revisions

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

Client
Mr. & Mrs K. Moore

Job Title
Extension & Alterations at
6 Link Way
Spalding
Lincs

Drawing Title
Plans & Elevations

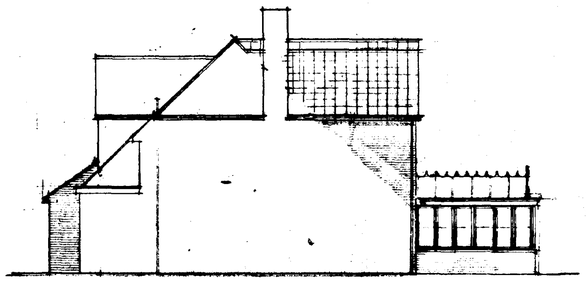
Scale 1:50 & 1:100

Date Feb 01 | Drawn by MR

Drg No 00/38/01 | Rev



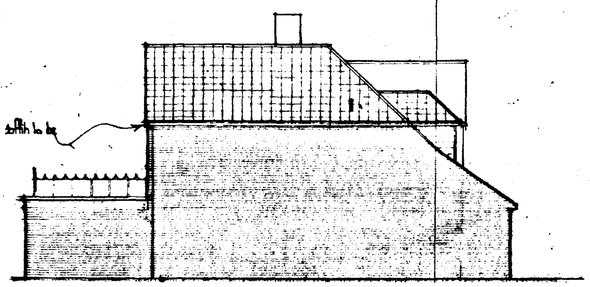
n. west



s. west



s. east



n.east

FOUNDATIONS

Foundations to be ST4 grade concrete

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For 100mm " " 450 x 230mm

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FLOOR CONSTRUCTION

Ground
65mm sand/cement screed reinforced with chicken wire mesh
500g polythene separating membrane
50mm Jablite SD floor insulation (k = 0.037W/m²°C)
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25mm sand blinding
100mm compacted hard-core - if in excess of 150mm fill, to a max. 600mm, the hard-core is to be laid and compacted in layers not exceeding 150mm.
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Strip off all vegetable soil beneath proposal.

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18mm Weyrec floor panels
175 x 50mm SC3 grade tanalised timber joists at 400mm cts with min. 1 row herringbone strutting midspan
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Ceiling to garage to be 12.7mm Gypsum Fireline Board with 50mm cover strips to joints to give a half hour fire resistance

WALL CONSTRUCTION

Below Ground
To be 100mm Class A concrete blocks
Cavity to be filled to 225mm below lowest dpc level with lean mix concrete

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

100mm facing brick (to be FL quality below dpc level)
65 mineral wall insulation i.e. Dritherm (k = 0.036)
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.

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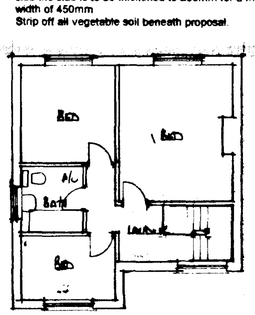
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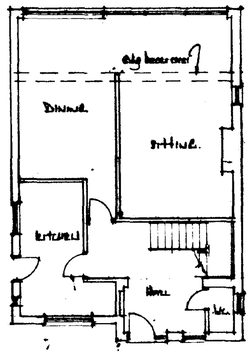
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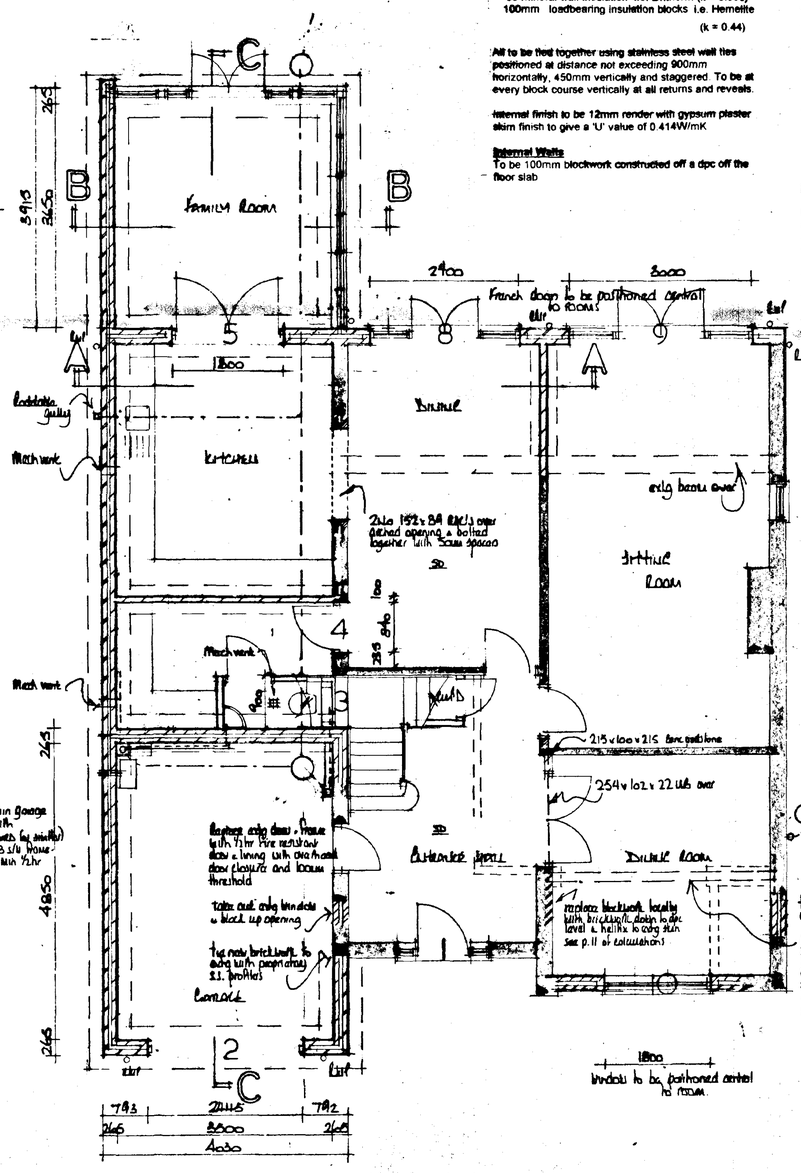
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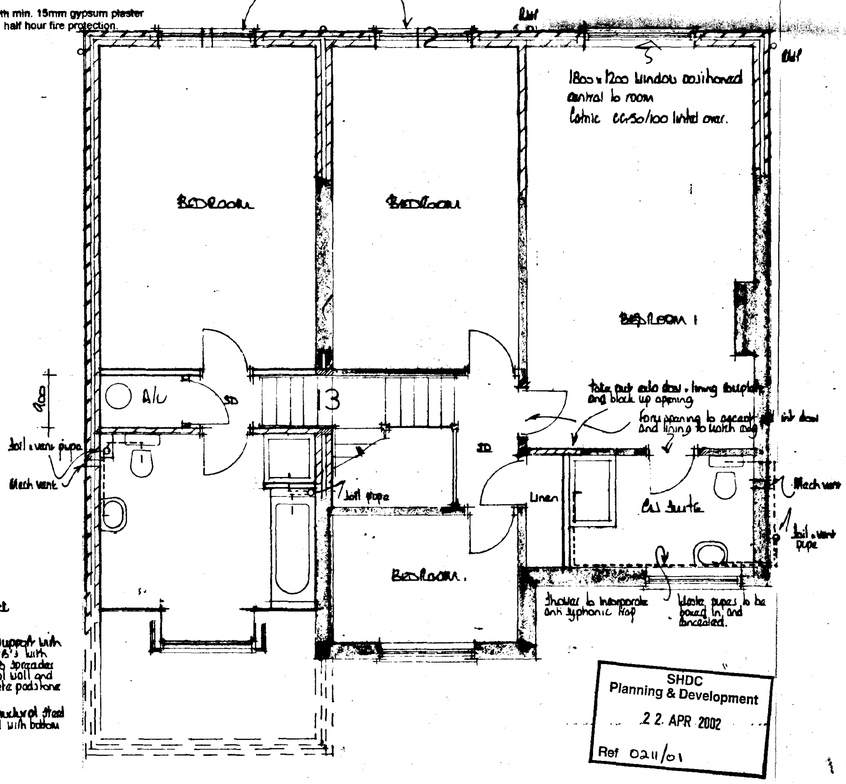


exig

Works proposed within garage to be encased with 12mm MOISTUREBOARD (or similar) fixed to 38 x 38 s/w battens to achieve min ½hr fire protection



ground floor



first floor

SHDC
Planning & Development
22 APR 2002
Ref 0211/01

AMENDED PLAN
Ref. A1

D	April 02	Bed 1 increased in size
C	Dec 01	Conservatory deleted. Lounge plan re-revised. Steel beam sizes added
B		
A		
	Date	Revisions

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East Midlands Design Associates
"Willow Lodge",
Horseshoe Road,
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Tel: Spalding (0775) 767968

Client
Mr. Mrs K. Moore

Job Title
Extension + Alterations at
6 Link Way
Spalding
Lincs

Drawing Title
Plans + Elevations

Scale 1:50 + 1:100

Date Feb 01 | Drawn by

Drg No 00/38/01 | Rev B