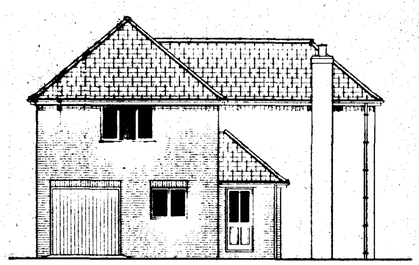
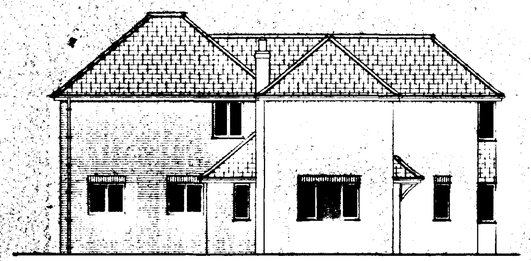


NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 6073 pt.1 1981: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level: Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

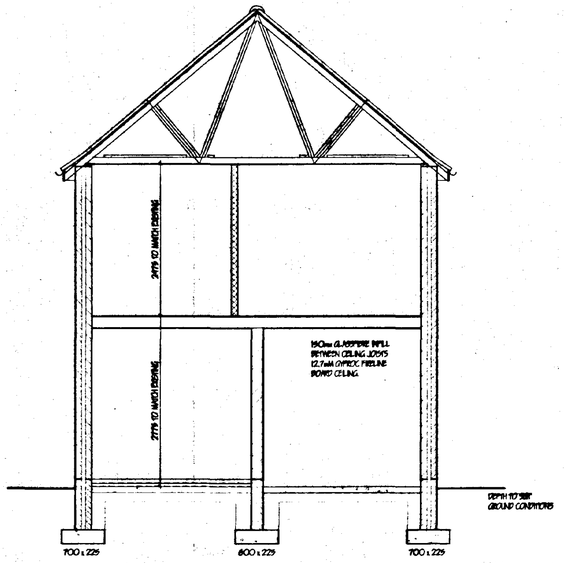
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 50mm Polystyrene insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm, lay 300mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. All on 100 concrete oversite: Concrete mix GEN4 to B.S. 5928: pt1 1991: 150 blinded and consolidated hardcore: Garage floor to be as above except sand cement screed and insulation.

FIRST FLOOR CONSTRUCTION.
19mm T&G. flooring grade chipboard on 97 x 170 SC3 grade joists at 400c/c: 50 x 5 galv. steel anchor and lateral restraint straps to joist at max. 1.5m c/c straps to be run over min. 3No. joists with solid bridging beneath: Provide herring bone strutting min. 38 x 38 at mid span of joists where span exceeds 2.5m: Provide 2No. joists bolted together under all first floor walls where not supported on blockwork below.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 265 cavity walls provide 225 x 700 and: under 100 walls provide 225 x 450 all GEN4 mix to B.S. 5928: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then thicken out slab to 225 x 450 or if considered necessary, be taken down to 225 x 450 foundation.

BALUSTRADE.
Gap between vertical balusters not to exceed 99mm. Handrail and balustrade to be capable of resisting the appropriate load specified in B.S. 6399: Pt. 1. Balustrade to be min. 900mm high.

LINTELS.
All lintels to be manufactured by Masons. I.G. and to be installed in accordance with makers' instructions and to have min. end bearins of 150mm and at external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Plus type. Lintels in openings to be underlined with 12.7 firaline board or recenter 12mm render and skim. Provide Perp-end weep holes and stopends to cavity tray



SECTION A - A

SMOKE DETECTORS.
Provide mains operated interlinked self-contained smoke alarms to B.S. 5446: pt.1. in positions shown on plan.

GENERAL.
All electrical installations to be in accordance with the latest I.E.E. Regulations.
All new surfaces, timber, plaster etc. to be painted to clients requirements.

HEALTH & SAFETY.
The Employer / Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health & Safety legislation for Building Sites and Work Places.
The Employer / Client is advised that should the works need to comply with the Construction Design and Management Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawings and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

PITCHED ROOF CONSTRUCTION.
Plain concrete roof tiles (to match existing) to B.S. 473 part 2 1971, on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with respard to wind speed, roof pitch and exposure category, as detailed in CP5 chapter V part 2 1972. Timberplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. TRUSS CALCS TO BE SUBMITTED TO L/A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/c to a pitch of 40 deg. CHECK ON SITE. 38 x 100 ridge note binder 38 x 100 centre binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor and lateral restraint straps at max. 1.5m c/c. Note: provide solid bridging beneath straps 50 x 100 wall plate bedded on sand and cement: 25 x 175 fascia boards: 6mm ext. grade plywood soffit complete with 10mm wide continuous air gap and fly proof screen: All structural timber to be min.SC3 grade. Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4: Timber supports are to be provided beneath water storage tanks over 4No ceiling joists. At roof intersections provide 25 x 100 lag boards and dwangking trusses at 600 c/c: Install code 4 lead valley liner. Close cavity at plate level.

CEILINGS.
200mm glassfibre insulation total thickness to existing & proposed. 100mm between joists & 100mm over. Joists. 12.7mm Gyproc plasterboard 5mm skim Finish: Provide min. 50 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Garage ceiling to be 12.7mm Gyproc Fireline board and Artex: Provide access trap to roof space: openings to be lined with 25 x 25 planted stops: Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face. 100mm Jablite to trap surface. Draught seal all round

WALLING.
265 cavity walling to consist of Flaxbrickwith to B.S. 5921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: bated into cavity Rockwool cavity wall batts insulation boarding in accord. with makers instructions and agrement cert No.89/1087. 100mm Tarmac Hamelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity: Close cavities with "thermabate" preformed closer and provide bitumen felt DPC to C.P. 121: External walls to have min. "U" value of 0.45 W/ m2 deg. C.: Internal walls of 100mm Tarmac Hamelite solid insulation blocks: All to receive 10mm S/C render and 5mm skim (except upstairs). Stud walls to consist of 38 x 89mm c.l.s studs at 400mm c/c, both sides to be clad with 12.7mm plasterboard and skim. 100mm glassfibre infill between studs.
Existing cavity walling to receive blown fibre cavity insulation.

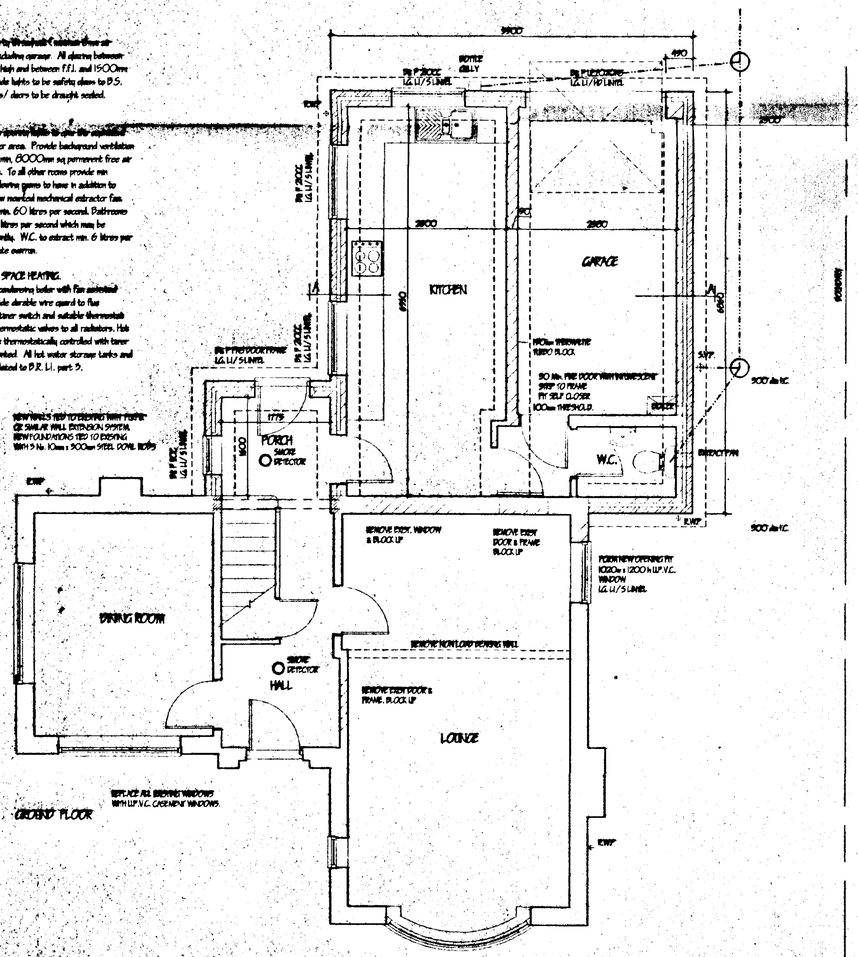
LIMITATIONS.
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/ Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for contraction or ordering purposes.
All given dimensions shall be checked by the Builder / Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by C.A.D., or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

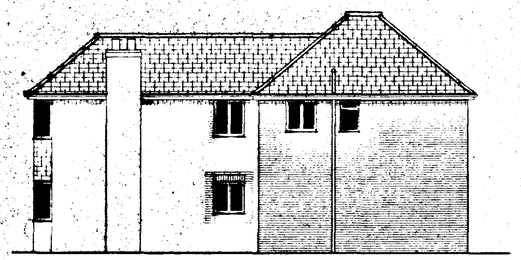
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STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc., to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

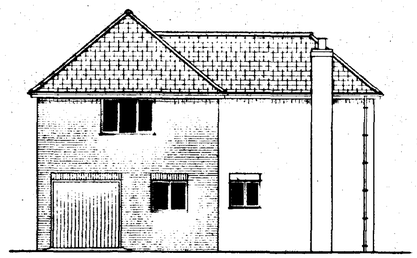
GENERAL.
Double glaze throughout (to the public / habitable areas only on the ground floor of 1 / 20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq permanent free air ventilation per room. To all other rooms provide min 4000 sq. All following rooms to have in addition to above Wall / Window mounted mechanical extractor fan. Kitchen to extract min. 60 litres per second. Bathrooms to extract. min. 15 litres per second which may be operated intermittently. W.C. to extract min. 6 litres per second with 15 minute overrun.

HOT WATER AND SPACE HEATING.
Provide Gas fired condensing boiler with fan assistant balanced flue. Provide durable wire guard to flue externally. Provide timer switch and suitable thermostats to dwelling or fit thermostatic valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage tanks and pipework to be insulated to B.R. LI. part 2.

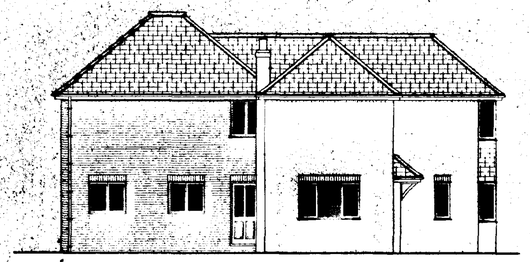

BROD
BOTTLE GULLY
490
PW P.VCC/C LG.LI/SLINTEL
PW P.VCC/C LG.LI/HP LINTEL
PW P.VCC/C LG.LI/S LINTEL
3800
2850
GARAGE
KITCHEN
6950
6950
PC
PW P.VCC/C LG.LI/S LINTEL
PW P.VCC/C LG.LI/S LINTEL
PW P.VCC/C LG.LI/S LINTEL



NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 6073 pt.1 1981: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level: Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

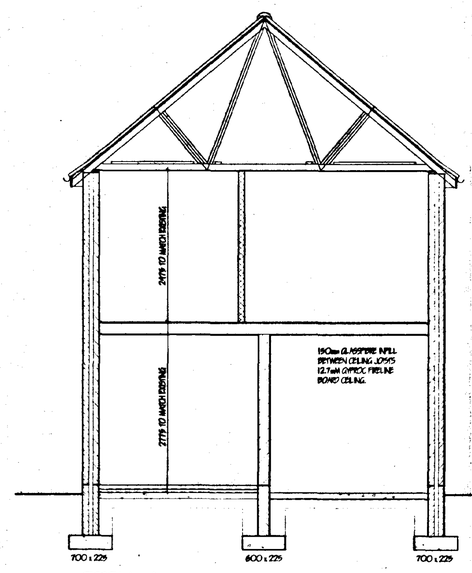
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 50mm Polyisocyanurate insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. lay min. 100mm, lay 300mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. fill on 100 concrete oversite: Concrete min. GEN4 to B.S. 5928: pt1 1991: 150 blinded and consolidated hardcore: Garage floor to be as above except sand cement screed and insulation.

FIRST FLOOR CONSTRUCTION.
19mm T&G. flooring grade chipboard on 97 x 170 SC9 grade joists at 400c/c to 50 x 9 galv. steel anchor and lateral restraint straps to joist at max. 1.5m c/c straps to be run over min. 3No. joists with solid bridging beneath: Provide herring bone strutting min. 38 x 38 at mid span of joists where span exceeds 2.5m: Provide 2No. joists bolted together under all first floor walls where not supported on blockwork below.

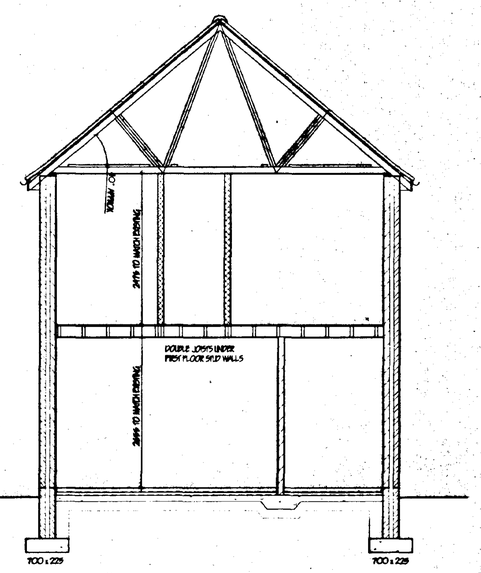
FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 265 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 all GEN4 mix to B.S. 5928: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then thicken oak slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

BALUSTRADE.
Gap between vertical balusters not to exceed 99mm. Handrail and balustrade to be capable of resisting the appropriate load specified in B.S. 6399: Pt. 1. Balustrade to be min. 900mm high.

LINTELS.
All lintels to be manufactured by Messrs. I.G. and to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Dot type. Lintels in garage to be underlined with 12.7 firelite board or receive 12mm render and stop. Provide Perp-end weep holes and stopends to cavity tray.



SECTION A - A



SECTION B - B

SMOKE DETECTORS.
Provide mains operated interlinked self-contained smoke alarms to B.S. 5446: pt.1. in positions shown on plan.

GENERAL.
All electrical installations to be in accordance with the latest I.E.E. Regulations.
All new surfaces, timber, plaster etc. to be painted to clients requirements.

HEALTH & SAFETY.
The Employer / Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health & Safety Legislation for Building Sites and Work Places.
The Employer / Client to advised that should the works need to comply with the Construction Design and Management Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

PITCHED ROOF CONSTRUCTION.
Plain concrete roof tiles (to match existing) to B.S. 473 part 2 1971, on 25 x 50 softwood treated battens on underfelt to B.S. 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in CP3 chapter V part 2 1972. Timberplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. TRUSS CALCS TO BE SUBMITTED 10 L/A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/c to a pitch of 40 deg. CHECK ON SITE. 38 x 100 ridge rafter binder 38 x 100 ceiling binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps astrea as anchor and lateral restraint straps at max. 1.5m c/c. Note: provide solid bridging beneath straps 50 x 100 wall plate bedded on sand and cement. 25 x 175 fascia boards. 6mm ext. grade plywood soffit complete with 10mm wide continuous air gap and fly proof screen: All structural timber to be min. SC3 grade. Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4: Timber supports are to be provided beneath water storage tanks over 4No ceiling joists. At roof intersections provide 25 x 100 lay boards and determining trusses at 600 c/c to install under 4 least valley bars. Close cavity at plate level.

CEILINGS.
200mm glasswool insulation laid between to ceiling is proposed. 100mm between joists & 100mm over joists. 12.7mm Gyproc plasterboard 5mm skim finish: Provide min. 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Garage ceilings to be 12.7mm Gyproc Firelite board and Artex: Provide access trap to roof space: openings to be lined with 25 x 25 planted slopes: Access panel to be 12mm ply with layer of 12.7mm Firelite board fixed to face. 100mm Jablite to top surface. Draught seal all round.

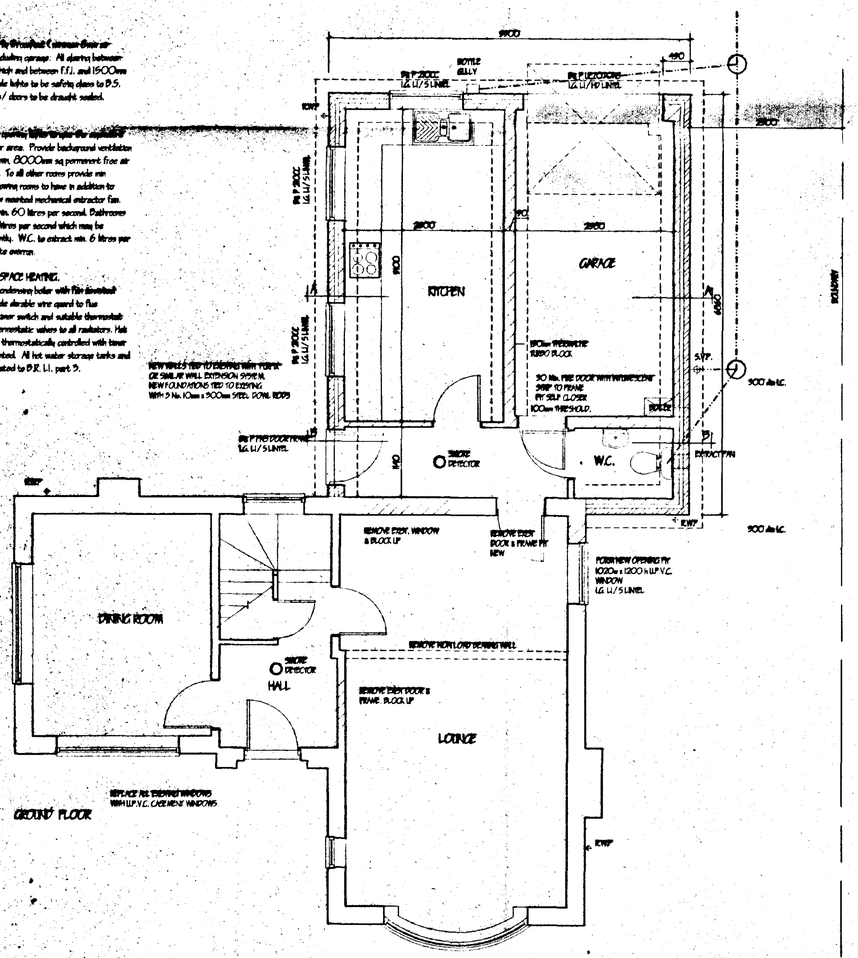
WALLING.
265 cavity walling to consist of facebrickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: build into cavity Rockwool cavity wall batts insulation boards in accord. with makers instructions and approved cert. No 89/1087. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity: Close cavities with "Thermabate" preformed closer and provide bitumen felt DPC to C.P. 121: External walls to have min. "U" value of 0.45 W/ m2 deg. C.: Internal walls of 100mm Tarmac Hemelite solid insulation blocks: All to receive 10mm S/ C render and 9mm skim (except garage). Stud walls to consist of 38 x 89mm c.l.s studs at 400mm c/ c, both sides to be clad with 12.7mm plasterboard and skim. 100mm glassfibre infill between studs.
Expletive cavity walling to receive blown fibre cavity insulation.

LIMITATIONS.
This drawing is limited to the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/ Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes. All given dimensions shall be checked by the Builder / Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by C.A.D. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

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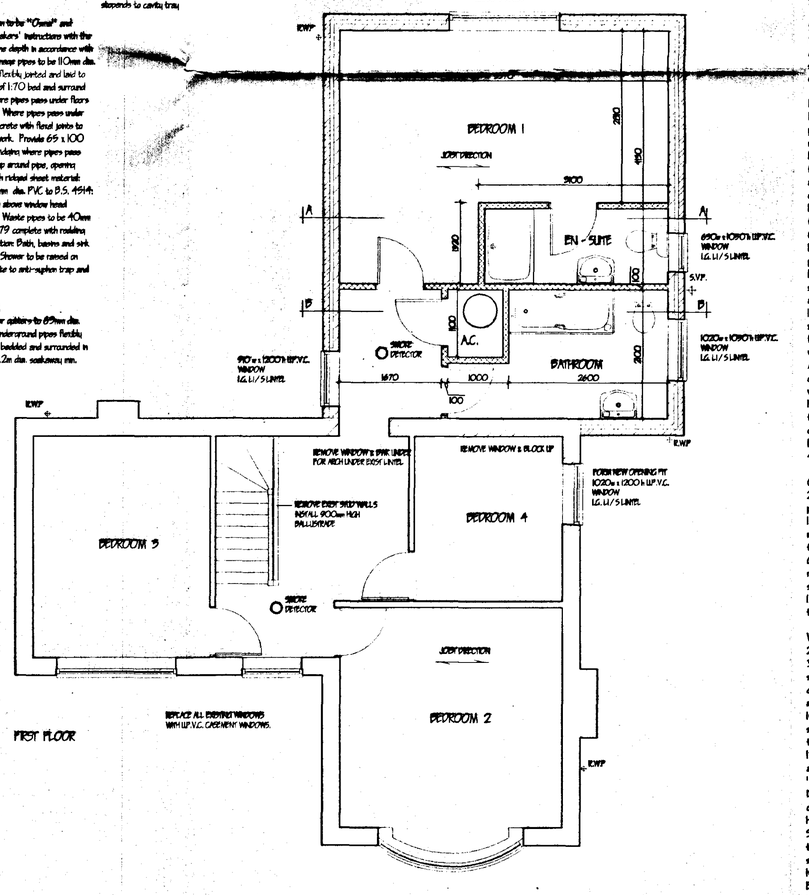
STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

SOUTH HOLLAND DC
HOUSING & PLANNING
15 OCT 1998
Ref: H/0754/98



FOUL DRAINAGE
Inspection chamber construction to be "Osmil" and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with B.S. 8301:1985. Foul drainage pipes to be 110mm dia. UPVC. to B.S. 4660:1989 flexibly jointed and laid to makers' instructions to a fall of 1:70 laid and surround with 100mm pea gravel: Where pipes pass under floors encase in 150mm pea gravel: Where pipes pass under drives surround in 150mm concrete with flexi joints to correspond with joints in pipework. Provide 65 x 100 prestressed concrete lintel bridging where pipes pass through walls, allow 50mm gap around pipe, openings sealed both sides of wall with ridgid sheet material: Soil and vent pipes to be 110mm dia. PVC to B.S. 4514: 1989 and to extend 900mm above window head terminating with PVC balloon. Waste pipes to be 40mm dia. PVC to B.S. 5955: 1979 complete with resistive caps at every change of direction: Baths, basins and sink to have 75 deep seal traps: Shower to be ranged on 150mm phtah with access plate to anti-syphon trap and 50mm waste.

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes flexibly jointed to a fall of 1:170 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soakaway min. 5.0m to edge from dwelling.



revision	date	init.	revision details.
A	SEPT. 98	J.C.	INT LAYOUT

REVISED PLANS RECEIVED 01/10/98

Ref. A1

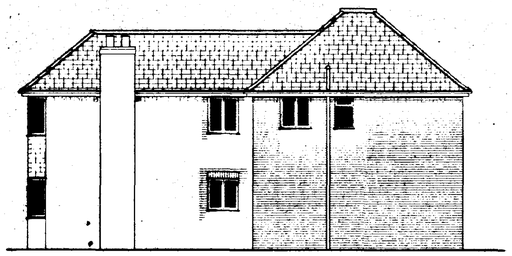
COOPER ARCHITECTURAL DESIGN
BRONAVON, HOCKLESGATE,
FLEET, SPALDING, LINC'S PE12 8LF
Tel/Fax : 01406 423782 Mobile 0410 280852

Client
PATTERSON HOMES LTD

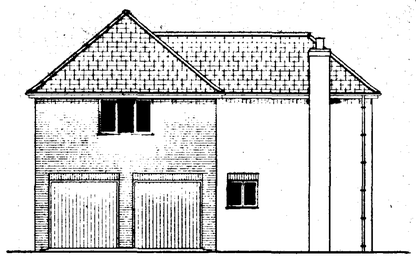
Project.
EXTENSION TO HOUSE,
CHURCH STREET,
PINCHBECK,
SPALDING,
LINC'S.

Drawing.
PLAN / SECTIONS / ELEVATIONS PROPOSED

Scale	1:50 1:100	Drawing No.	9802/1A
Date	JLY '98	Drawn.	J.C.



NORTH ELEVATION



WEST ELEVATION



SOUTH ELEVATION



EAST ELEVATION

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 6073 pt1 1981. DPC to external wall positioned in accordance with CP 102 min 150 above finished ground level. Weak mix concrete infill to base of cavity, no denser than 22% to DPC. All brickwork below DPC to be F.L. quality.

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 90mm Polystyrene insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm, lay 300mm wide D.P.M. strip into D.P.C. to top floor D.P.M. All in 100 concrete oversite: Concrete mix GEN4 to B.S. 5328: pt 1991: 150 blinded and consolidated hardcore: Garage floor to be as above except sand cement screed and insulation.

FIRST FLOOR CONSTRUCTION.
19mm T&G. flooring grade chipboard on 97 x 170 SC3 grade joists at 400c/c: 50 x 9 galv. steel anchor and lateral restraint straps to joist at max. 1.5m c/c straps to be run over min. 3No. joists with solid bridging beneath: Provide herring bone strutting min. 38 x 38 at mid span all joists where span exceeds 2.5m: Provide 2No. joists bolted together under all first floor walls where not supported on blockwork below.

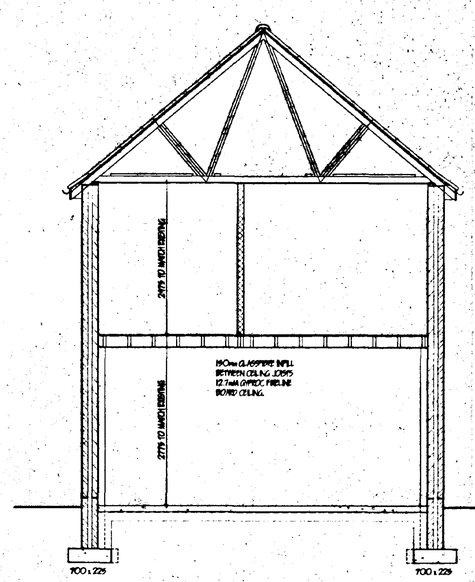
FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 265 cavity walls provide 225 x 700 and under 100 walls provide 225 x 450 all GEN4 mix to B.S. 5328: pt 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre below ground level. Where internal walls are taken up off floor then thicken oak slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

BALUSTRADE.
Gap between vertical balusters not to exceed 99mm. Handrail and balustrade to be capable of resisting the appropriate load specified in B.S. 6399: Pt. 1. Balustrade to be min. 900mm high.

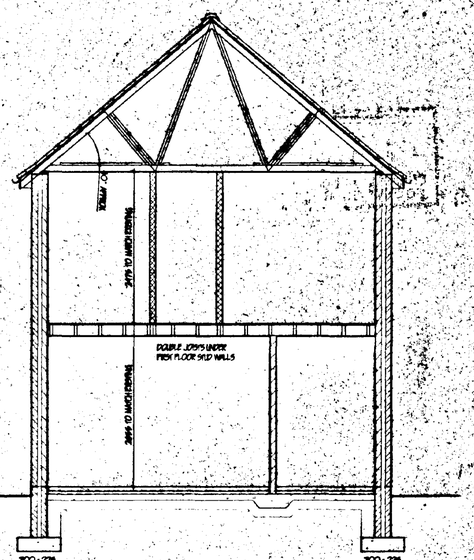
LINTELS.
All lintels to be manufactured by Messrs. I.G. and to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and at external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Box type. Lintels in garage to be underlined with 12.7 fireline board or reserve 12mm render and skim. Provide Perp-end weep holes and stopends to cavity tray.

FOUL DRAINAGE
Inspection chamber construction to be "Clean" and installed in accordance with makers' instructions with the internal diameter related to the depth in accordance with B.S. 8301:1985. Foul drainage pipes to be 110mm dia. UPVC., to B.S. 4660:1989 flexible, jointed and laid to makers' instructions to a fall of 1:70 laid and surround with 100mm pea gravel: Where pipes pass under floors encase in 150mm pea gravel: Where pipes pass under drives surround in 150mm concrete with flexel joints to correspond with joints in pipework. Provide 65 x 100 prestressed concrete lintel bridges where pipes pass through walls, allow 50mm app around pipe, opening marked both sides of wall with ridged sheet material: Soil and vent pipes to be 110mm dia. PVC to B.S. 4514: 1969 and to extend 900mm above window head terminations with PVC balloon. Waste pipes to be 40mm dia. PVC to B.S. 5255: 1979 complete with resilient seals at every change of direction: Bath, basins and sink to have 75 deep seal traps: Shower to be catered as 150mm plinth with access plate to anti-syphon trap and 50mm waste.

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes flexibly jointed to a fall of 1:70 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soakaway min. 5.0m to edge from dwelling.



SECTION A - A



SECTION B - B

SMOKE DETECTORS.
Provide mains operated interlinked self-contained smoke alarms to B.S. 5446: pt.1. in positions shown on plan.

GENERAL.
All electrical installations to be in accordance with the latest I.E.E. Regulations.
All new surfaces, timber, plaster etc. to be painted to clients requirements.

HEALTH & SAFETY.
The Employer / Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health & Safety legislation for Building Sites and Work Places.
The Employer / Client is advised that should the works need to comply with the Construction Design and Measurement Regulations an independent Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown / detailed but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

PITCHED ROOF CONSTRUCTION.
Plain concrete roof tiles (to match existing) to B.S. 473 part 2 1971, on 25 x 38 softwood treated battens on underfelt to B.S. 747 (type 1F) and in all cases to be lapped by 150mm both vertically and horizontally. Tiles to be laid with min. headlap of 75mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure catergory as detailed in CP3 chapter V part 2 1972. Twinplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1985. TRADA CALC'S TO BE SUBMITTED TO L/A MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/c to a pitch of 40 deg. CHECK ON SITE. 38 x 100 ridge purlin binder 38 x 100 ceiling binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor and lateral restraint straps at min. 1.5m c/c. Note: provide solid bridging beneath purlins 50 x 100 wall plate bedded on sand and cement. 25 x 175 fascia boards: 6mm ext. grade plywood soffit complete with 10mm wide continuous air gap and fly proof screen: All structural timber to be min.SC3 grade. Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4: Timber supports are to be provided beneath water storage tanks over 4No ceiling joists. At roof intersections provide 25 x 100 log boards and dimensions trusses at 600 c/c: Install code 4 lead valley liner. Close cavity at plate level.

CEILINGS.
200mm glassfibre insulation total thickness to ceiling if proposed. 100mm between joists & 100mm over. Joists. 12.7mm Gyproc plasterboard 3mm skim finish: Provide min. 38 x 38 noggins to all plasterboard edges. All joists to be taped and filled. Garage centres to be 12.7mm Gyproc Fireline board and Artex: Provide access trap to roof space: opening to be lined with 25 x 25 planted stops: Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face. 100mm Jubilee to top surface. Draught seal all round.

WALLING.
265 cavity walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 65 cavity: build into cavity Rockwool cavity wall batts insulation boards in accord. with makers instructions and approved cert' No.89 / 1087. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised trax twist ties set 900 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity: Close cavities with "thermabate" preformed closer and provide bitumen felt DPC to C.P. 121: External walls to have min. "U" value of 0.45 W/ m2 deg. C.: Internal walls of 100mm Tarmac Hemelite solid insulation blocker. All to receive 10mm S/C render and 5mm skim (except upstairs). Stud walls to consist of 38 x 89mm c.l.s studs at 400mm c/c, both sides to be clad with 12.7mm plasterboard and skim. 100mm glassfibre infill between studs.
Existing cavity walling to recieve blown fibre cavity insulation.

LIMITATIONS.
This drawing is limited to the extent of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning / Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes.
All given dimensions shall be checked by the Builder / Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by C.A.D. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

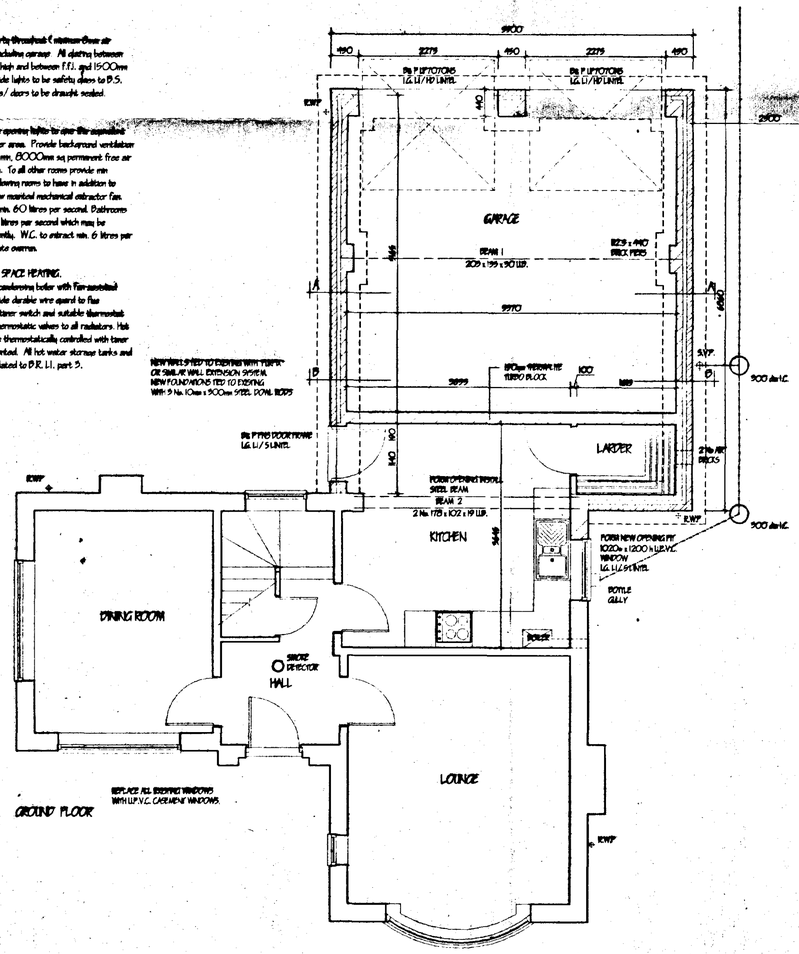
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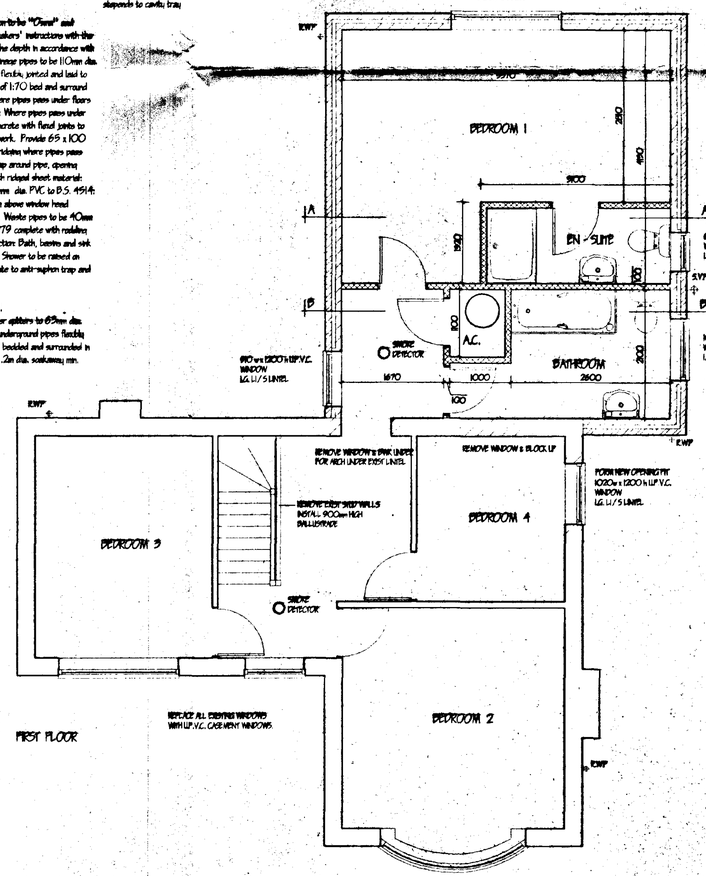
STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

GLAZING.
Double glazed throughout (minimum three air gap to all units) excluding carriage. All glazing between f.f.l. and 800mm high and between f.f.l. and 1500mm high in doors and side lights to be safety glass to B.S. 6206. All windows / doors to be draught sealed.

VENTILATION.
All windows to have opening lights to give the equivalent of 1/ 20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq permanent free air ventilation per room. To all other rooms provide min 4000 sq. All following rooms to have in addition to above Wall / Window mounted mechanical extractor fan. Kitchen to extract min. 60 litres per second. Bathrooms to extract min. 15 litres per second which may be operated intermittently. W.C. to extract min. 6 litres per second with 15 minute overrun.

HOT WATER AND SPACE HEATING.
Provide Gas fired condensing boiler with Flue assembled balanced flue. Provide durable wire guard to flue externally. Provide timer switch and suitable thermostat to dwelling or fit thermostatic valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage tanks and pipework to be insulated to B.R. 11. part 3.





revision	date	init.	revision details.

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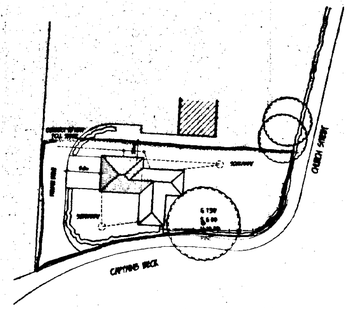
Project: EXTENSION TO HOUSE, CHURCH STREET, PINCHBECK, SPALDING, LINC'S.

SOUTH HOLLAND DC HOUSING & PLANNING 22 JUL 1998 Ref: 754/98

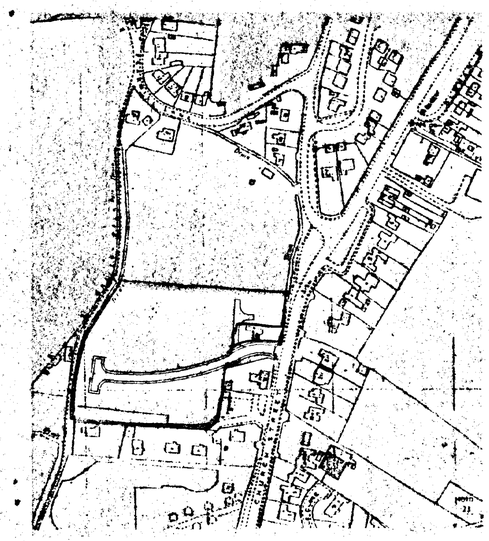
Drawing: PLAN

PLAN / SECTIONS / ELEVATIONS PROPOSED

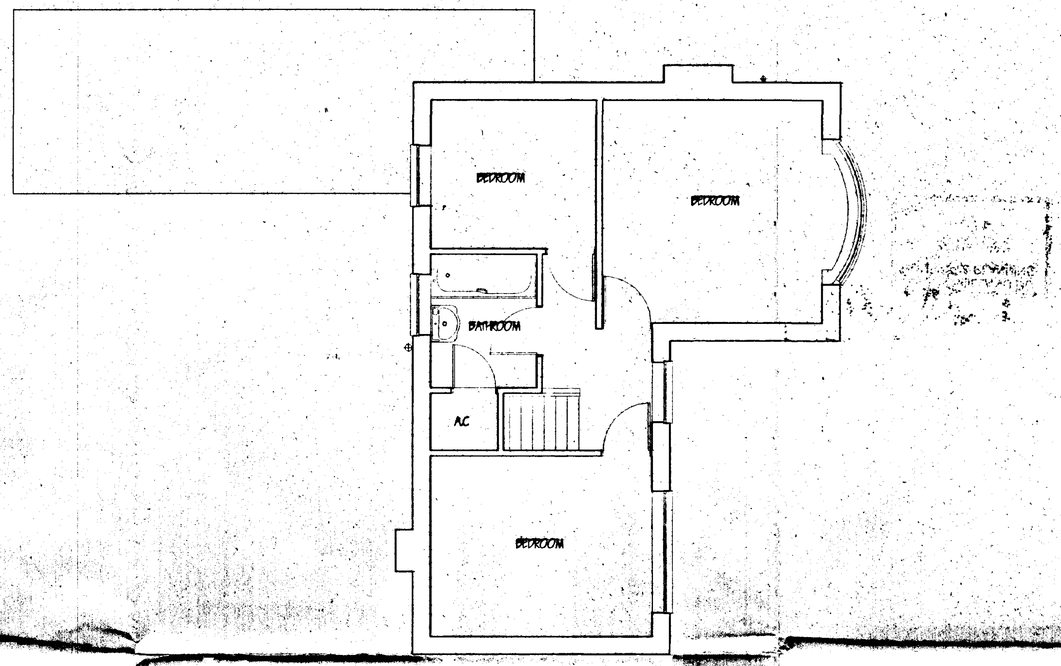
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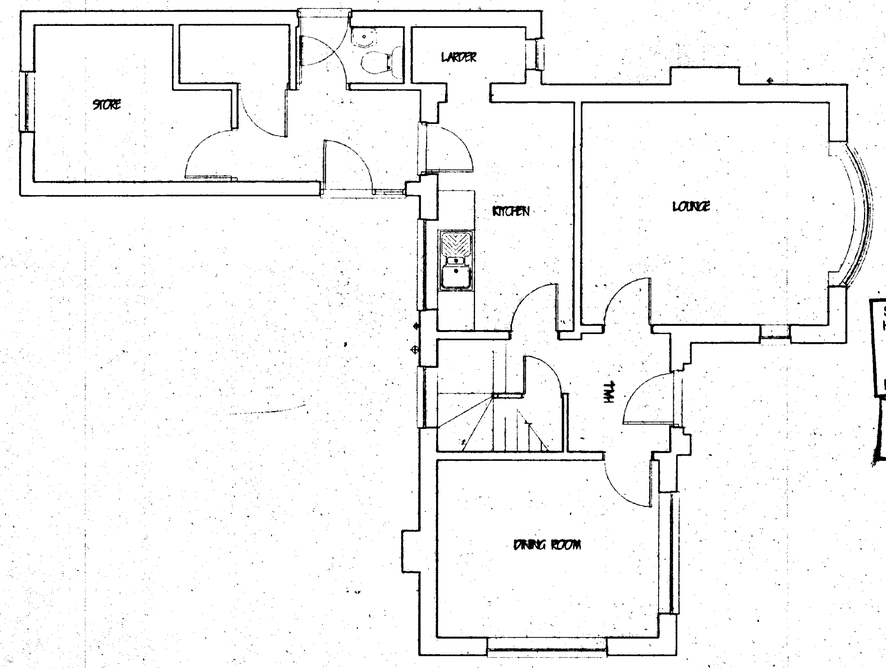
BLOCK PLAN 1:500



LOCATION PLAN 1:2500



FIRST FLOOR.



GROUND FLOOR

SOUTH HOLLAND DC
HOUSING & PLANNING
22 JUL 1998
Ref: 754/98

DETERMINED
PLAN

revision	date	init	revision details.

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Project
EXTENSION TO HOUSE,
CHURCH STREET,
PINCHBECK,
SPALDING,
LINC'S.

Drawing.
PLAN EXISTING

Scale 1:50	Drawing No. 9802
Date. JULY '98	Drawn. J.C.