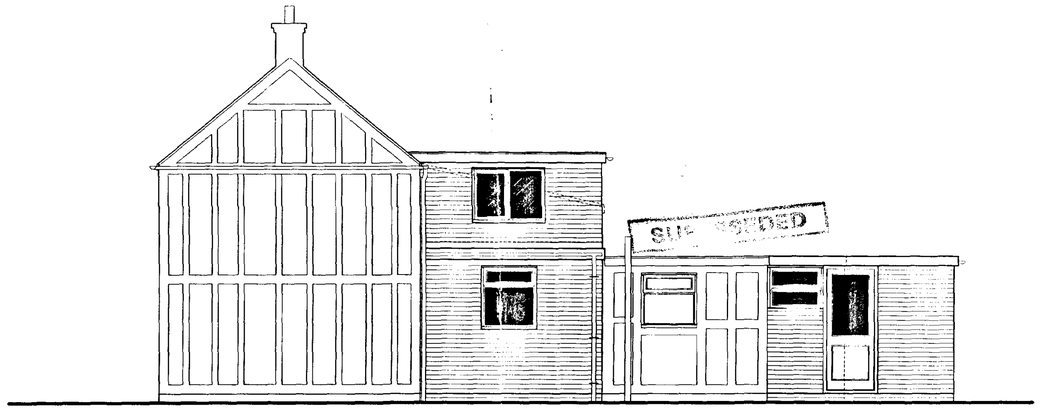
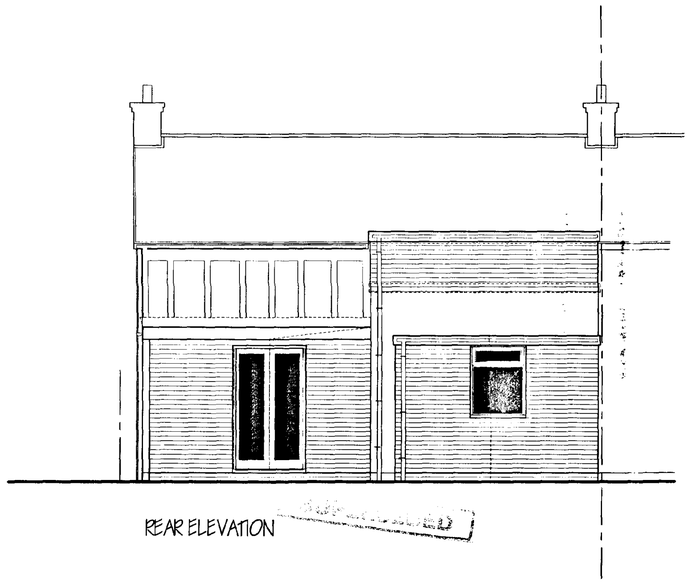
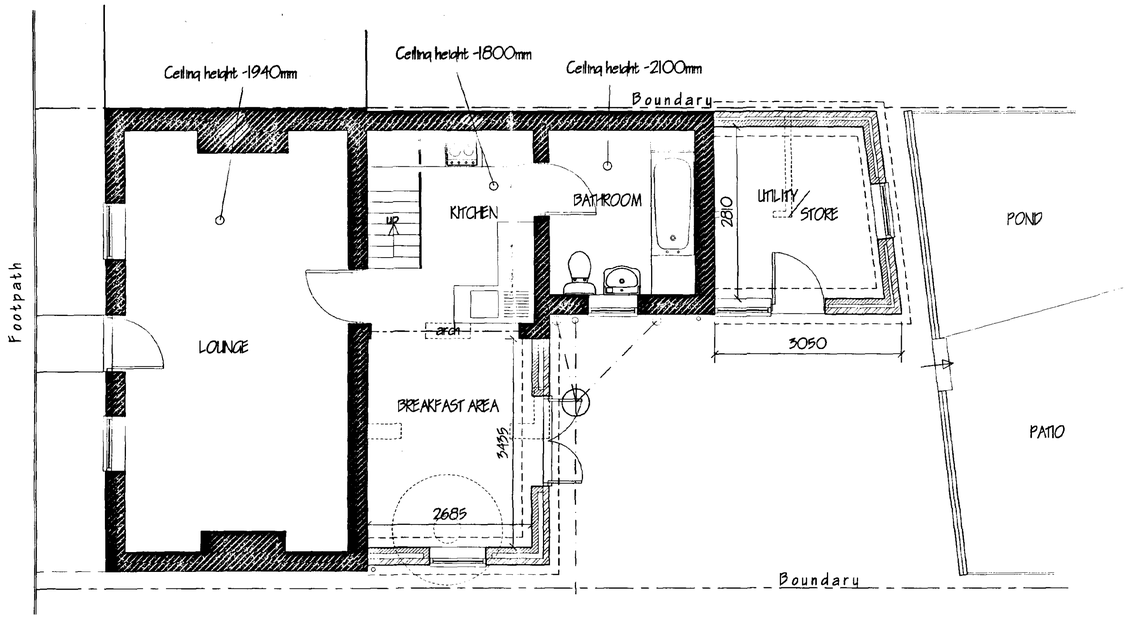


SIDE ELEVATION



REAR ELEVATION



FLOOR PLAN

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SHDC
Planning & Development
29 JUL 2002
Ref 0881/02

ref.	revision	date

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Project
EXTENSIONS & ALTERATIONS
PINFOLD HOUSE
HIGH ROAD
WHAPLODE

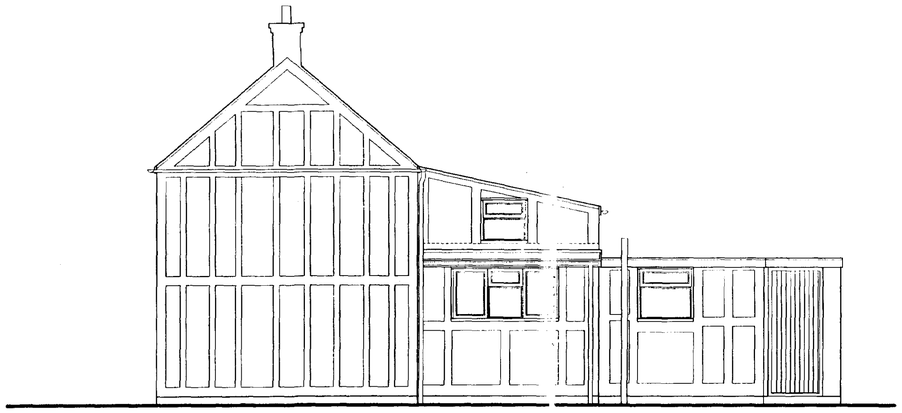
Client
P BAILEY

Drawing
FLOOR PLANS & ELEVATIONS
PROPOSED

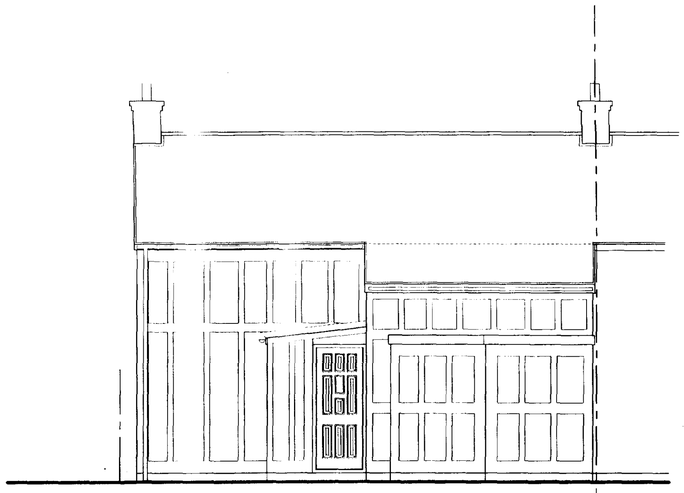
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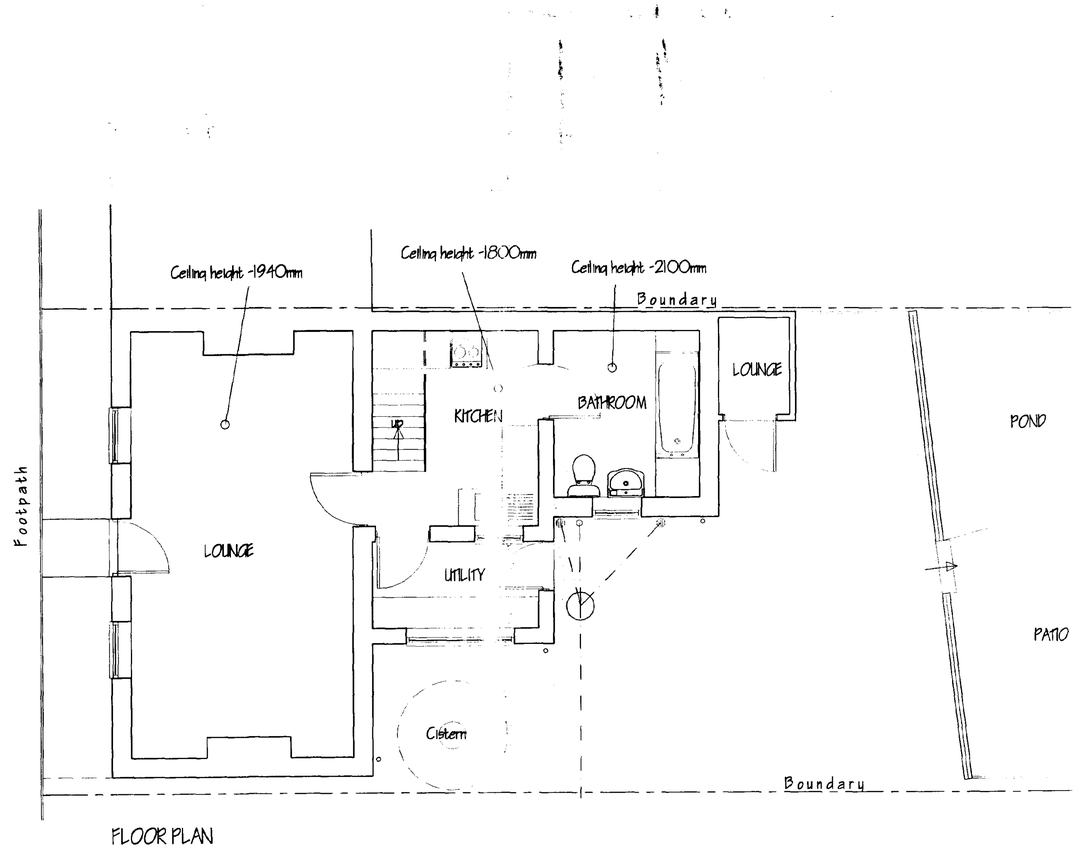
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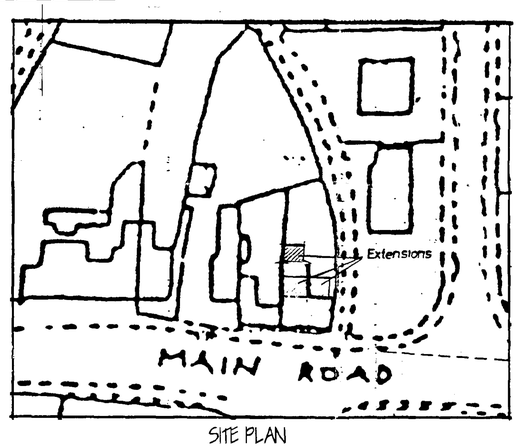
SIDE ELEVATION



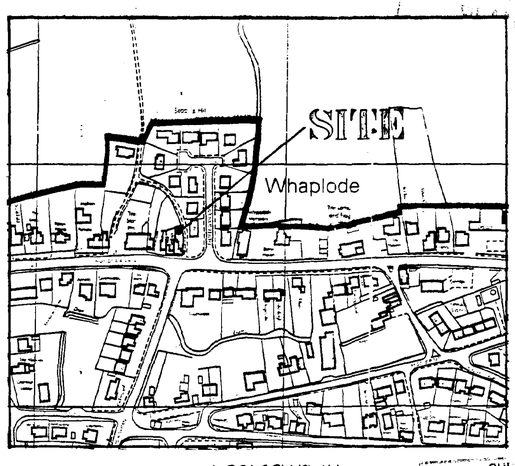
REAR ELEVATION



FLOOR PLAN



SITE PLAN
1/500



LOCATION PLAN
1/2500

SRD:
Planning & Development
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Project
EXTENSIONS & ALTERATIONS
PINFOLD HOUSE
HIGH ROAD
WHAPLODE

Client
P BAILEY

Drawing
FLOOR PLANS & ELEVATIONS
EXISTING

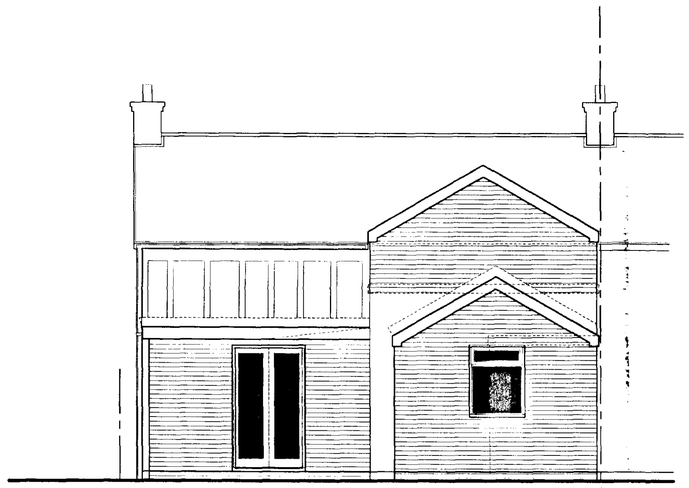
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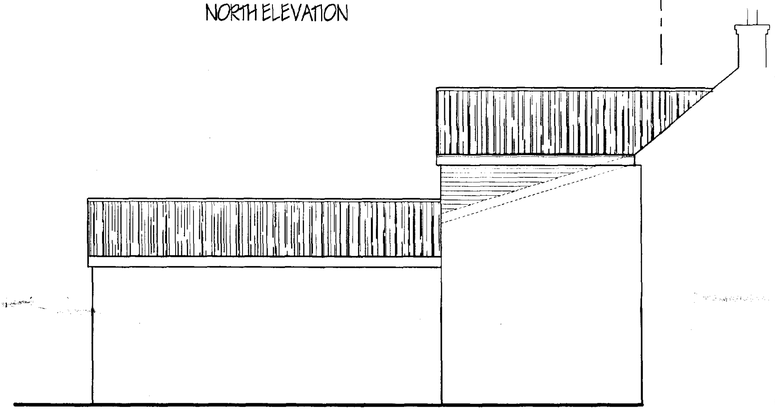
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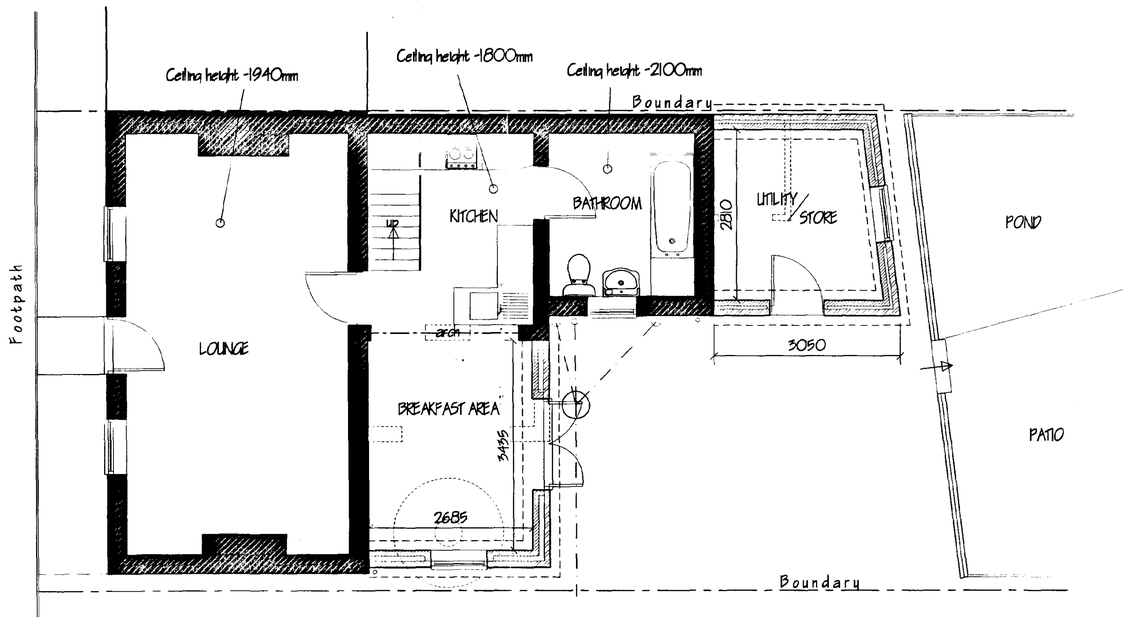
EAST ELEVATION



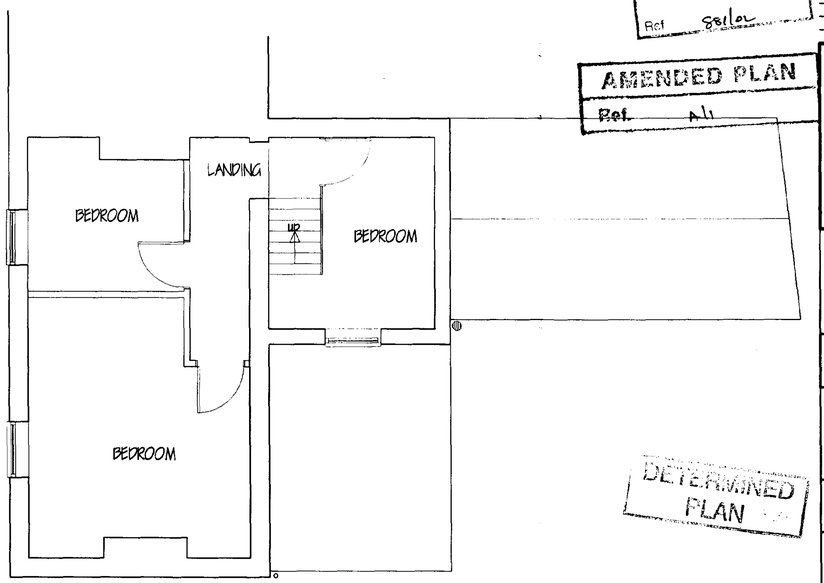
NORTH ELEVATION



WEST ELEVATION



GROUND FLOOR PLAN



FIRST FLOOR PLAN

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SHDC
Planning & Development
- 7 OCT 2002
Ref S/0150

AMENDED PLAN
Ref A1i

DETERMINED PLAN

ref:	revision	date
A	AMEND ROOF - PLANNING	OCT 02

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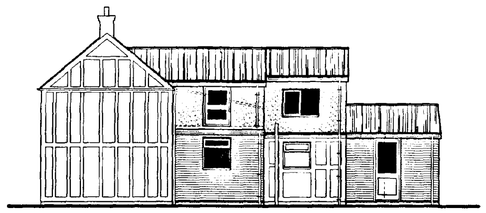
Client
P BAILEY

Drawing
FLOOR PLANS & ELEVATIONS PROPOSED

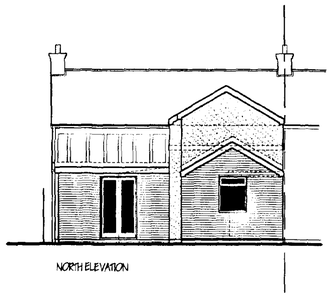
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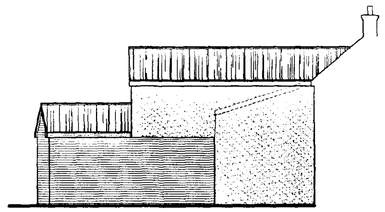
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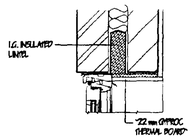
EAST ELEVATION



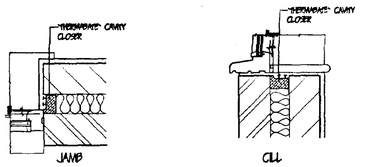
NORTH ELEVATION



WEST ELEVATION



HEAD



JAMB CILL

REVEAL DETAILS

GLAZING.
Double glazed extensions throughout (minimum 12mm air gap to all units with Low 'E' 0.9 Glass) max 'U' value 2.0 W/ sq.m. K. 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. Utility rooms to extract min. 30 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.
Extend and upgrade existing system as required. Ensure timer switch, suitable zone and boiler control interlocks, fit thermostatic control valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage cylinders to have min. 35mm thick factory applied foam insulation and pipe work to be insulated to B.S. 5422:2001.

LIGHTING.
To Kitchen provide energy efficient light fittings capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.
External lighting to be fitted with Dawn-Dusk or movement sensors and capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.

GENERAL
All electrical installations to be in accordance with the latest I.E.E. Regulations.
Provide hot & cold water supply to all wash basins.
All electrical switches, socket outlets, telephone and T.V. points to habitable rooms to be positioned at appropriate heights between 450mm & 1200mm from F.F.L.

FLAT ROOF CONSTRUCTION.
12mm white spar chippings bedded on 3 layers Glass Felt 30 roofing felt, on 'Celotex R/20150' decking on s/w firrings to 1:60 fall:
47 x 199 SC5 grade joists stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS. 4978. at 400 c/c with 30 x 5 m.s. straps at max. 1.5m centres 20mm marine ply fascia.

CEILINGS.
Flat ceilings lay 250mm glass fibre insulation total thickness. 100mm between joists & 150mm over Joists to provide max. 'U' value of 0.16 W/ sq.m.K. Sloped ceilings lay 'Celotex GA2080 + GA2040' to provide a max 'U' value of 0.2 w/ sq.m.K. Ensure 50mm air gap over all insulation. 12.7mm Gyproc plasterboard 9mm skim finish. Provide min 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. Provide access trap to roof space: opening to be lined with 25 x 25 planted slopes. Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face. 100mm Jabbite to top surface. Provide slide bolt fastening & draught seal all round

WALLING.
235 cavity walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: Or 20mm Sand / Cement render to B.S. 5262. 100mm Tarmac Hemelite solid insulation blocks or similar. 85 cavity: build into cavity Ontherm cavity wall batt insulation boarding in accord. with makers instructions and agreement cert' No.84/1268 & 86/1584. 100mm Tarmac Hemelite solid insulation blocks or similar. Cavity walls bond together using galvanised iron bond 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: All work to be carried out in accordance with BS Code of Practice 121 Part 1:1975. External walls to have max. 'U' value of 0.35 W/ sq.m.K : Internal walls of 100mm Tarmac Hemelite solid insulation blocks: All to receive 10mm S/C render and 9mm skim.

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 bone of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

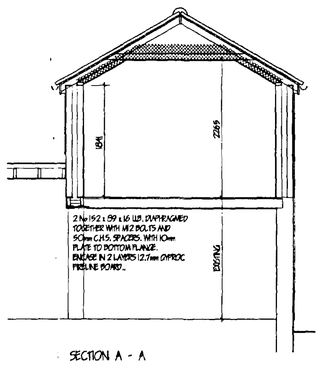
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. or 48mm Celotex insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm, lay 500mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. All on 100 concrete over site: Concrete mix GEN4 to B.S. 5328: pt 1991: 150 blinded and consolidated hardcore.

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. soak away min. 5.0m to edge from dwelling. All footpaths and drives to slope away from building.

FOUNDATIONS.
Under walls as shown: provide 600 x 225 strip concrete foundations all GEN4 mix to B.S. 5328: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should strikable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre (minimum) below ground level. Where internal walls are taken up off floor then thicker cut slab to 225 x 450 or if considered necessary be taken down to 225 x 450 foundation.

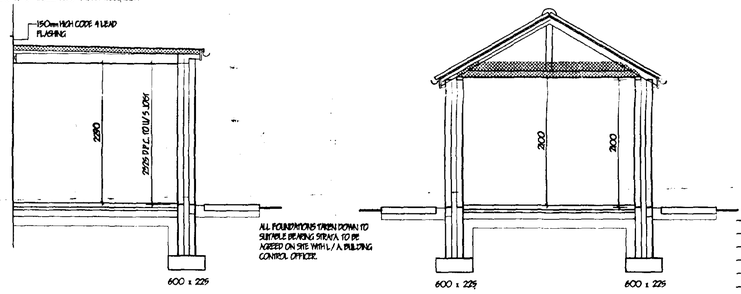
LINTELS.
All lintels to be manufactured by Messrs. I.G. Codes LI/ 575 and LI/ HD 75 all to be installed in accordance with makers' instructions, and to have min. end bearins of 150mm and at external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Dia tape.

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S. EN 490 / 491, on 25 x 38 softwood treated battens on under felt 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. head lap of 75mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in B. S 6399. Pt 2. Timeplace specialise made prefabricated roof trusses to comply with B.S. 5268 part 3 1988. TRUSS CALCS TO BE SUBMITTED TO L/ A MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/ c to a pitch to match existing. 38 x 100 ridge rode binder 38 x 100 ceiling binders: All trusses to be strapped to wall plate by 50 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.SC5 grade. stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS. 4978. 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: At roof intersections provide 25 x 100 lay boards and diminishing trusses at 600 c/ c : Install code 4 lead valley liner.



SECTION A - A

EXISTING FOUNDATIONS TO BE EXPOSED AND CHECKED FOR ADEQUACY PRIOR TO COMMENCEMENT



SECTION B - B

SECTION C - C

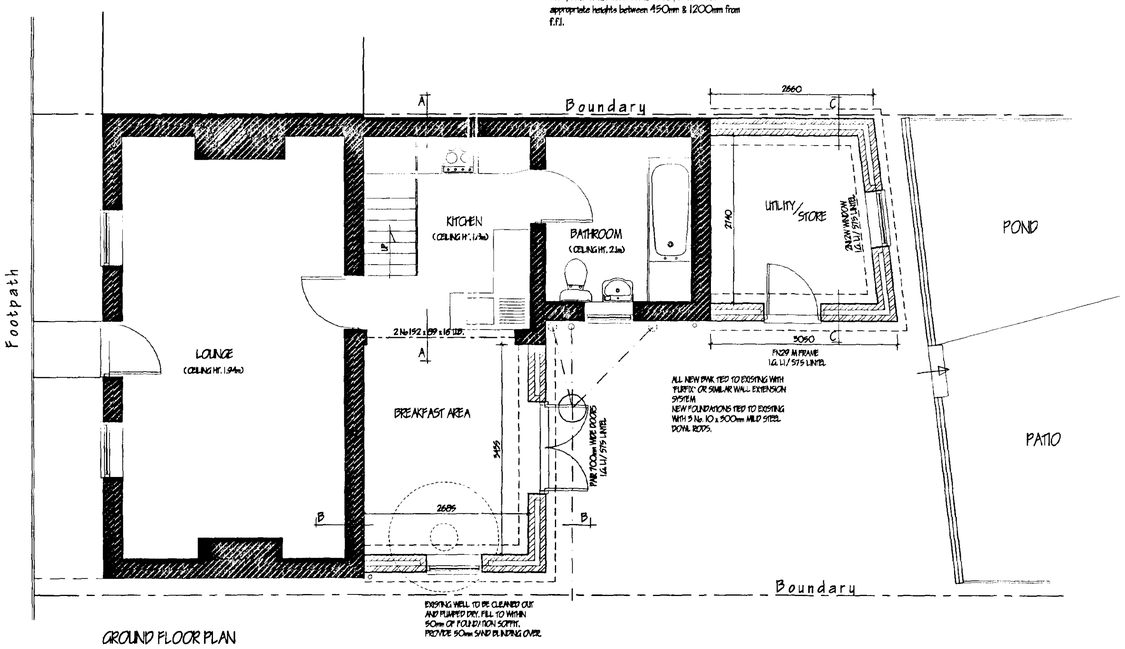
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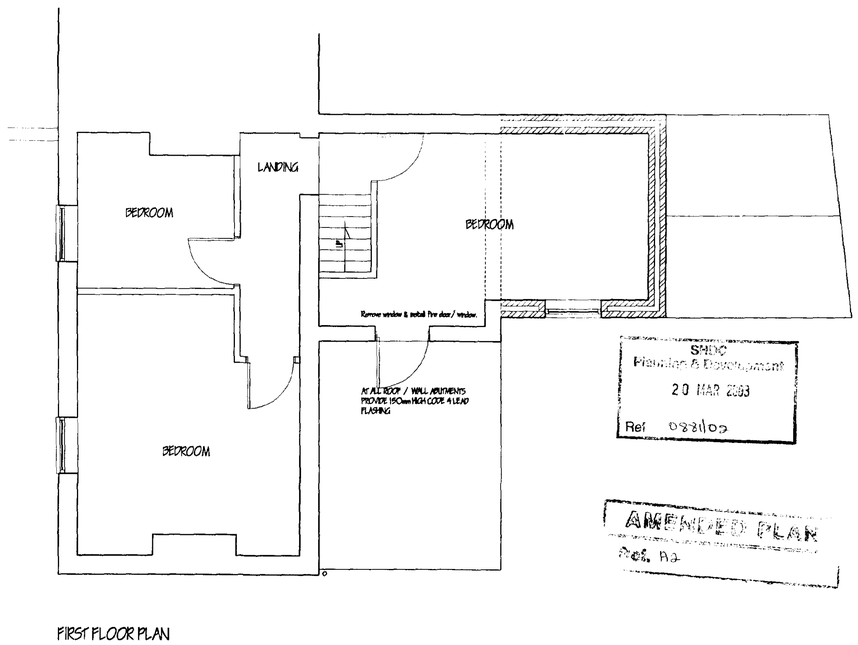
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GROUND FLOOR PLAN



FIRST FLOOR PLAN

ref.	revision	date
D	AMEND FIRST FLOOR	MAR 03
C	BUILDING REG'S AMENDMENTS	NOV 02
B	BUILDING REGS	NOV 02
A	AMEND ROOF - PLANNING	OCT 02

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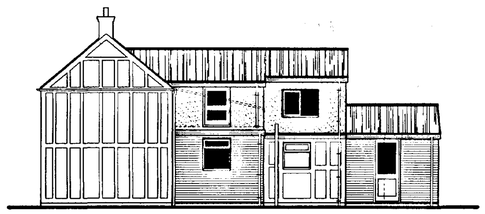
Client
P BAILEY

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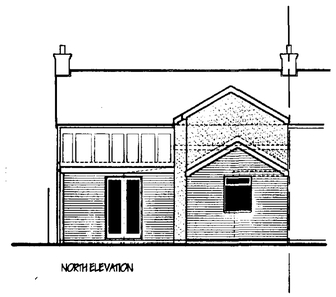
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JUNE 2002	GRM

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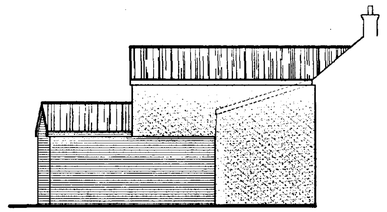
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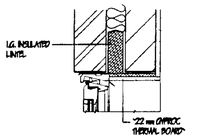
EAST ELEVATION



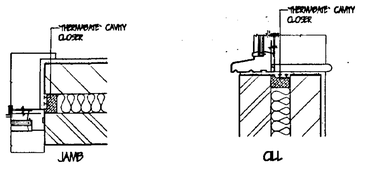
NORTH ELEVATION



WEST ELEVATION

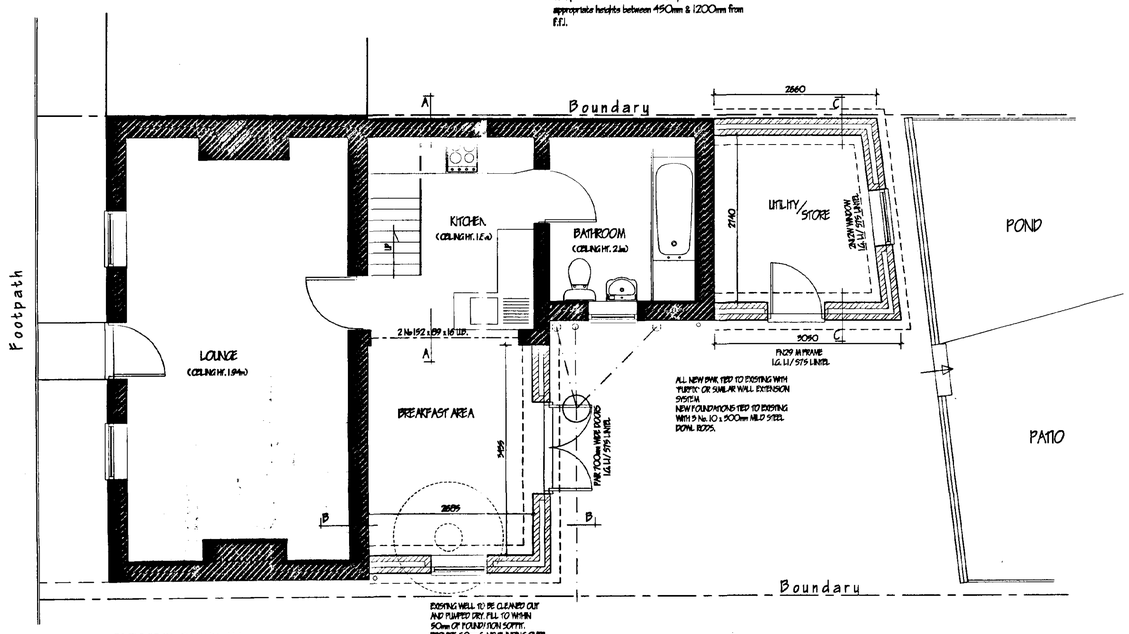


HEAD



JAMB CILL

REVEAL DETAILS



GROUND FLOOR PLAN

GLAZING.
Double glaze extensions throughout (minimum 12mm air gap to all units with Low 'E' 0.5 (Glass) max 'U' value 2.0 W/ sq.m. K. All glazing between F.F.L. and 800mm high and between F.F.L. and 1900mm 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 fokowing rooms to have in addition to above Wall/ Window mounted mechanical extractor fan. Kitchen to extract min. 60 litres per second. Utility rooms to extract min. 30 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.
External and upgrade existing system as required. Ensure timer switch, suitable zone and boiler control interlocks, fit thermostatic control valves to all radiators. Hot water system to be thermostatically controlled with timer switch and to be vented. All hot water storage cylinders to have min. 35mm thick factory applied foam insulation and pipe work to be insulated to B.S. 5422:2001.

LIGHTING.
To Kitchen provide energy efficient halide fittings capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.
External lighting to be fitted with Dawn-Dusk or movement sensors and capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.

GENERAL
All electrical installations to be in accordance with the latest I.E.E. Regulations.
Provide hot & cold water supply to all wash basins.
All electrical switches, socket outlets, telephone and T.V. points to habitable rooms to be positioned at appropriate heights between 450mm & 1200mm from F.F.L.

FLAT ROOF CONSTRUCTION.
12mm white spar chippings bedded on 3 layers Glass Felt 'B' roofing felts, on 'Celotex RS2080' decking on s/w firrings to 1:60 fall:
47 x 195 SC5 grade joists stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS. 4978, at 400 c/ c with 50 x 5 m.s. straps at max. 1.5m centres 20mm marine ply fascia.

CEILINGS.
Flat ceilings lay 250mm glass fibre insulation total thickness. 100mm between joists & 150mm over Joists to provide max. 'U' value of 0.16 W/ sq.m.K. Sloped ceilings lay 'Celotex GA2080 + GA2040' to provide a max 'U' value of 0.2 w/ sq.m.K. Ensure 50mm air gap over all insulation. 12.7mm Gyproc plasterboard 5mm skim finish. Provide min. 38 x 38 noggins to all plasterboard edges. All joints to be taped and filled. 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 Jablite to top surface. Provide slide bolt fastenins & draught seal all round

WALLING.
285 cavity walling to consist of face brickwork to B.S. 5921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks Or 20mm Sand/ Cement render to B.S. 5262. 100mm Tarmac Hemelite solid insulation blocks or similar. 85 cavity: build into cavity Dritherm cavity wall batt insulation boarding in accord. with makers instructions and agreemt cert' No.84/ 1268 & 86/ 1984. 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: All work to be carried out in accordance with BS Code of Practice 121 Part 1:1973. External walls to have max. 'U' value of 0.35 W/ sq.m.K. : Internal walls of 100mm Tarmac Hemelite solid insulation blocks: All to receive 10mm S/C render and 3mm skim.

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.J.. quality.

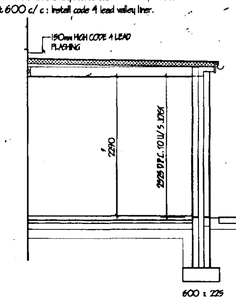
GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows: 70mm sand and cement screed with chicken wire reinforcement on 500g polythene D.P.M. on 45mm Celotex insulation board, on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm, lay 500mm wide D.P.M. strip into D.P.C. to lap floor D.P.M. All on 100 concrete over site: Concrete mix GEN4 to B.S. 5328: pt 1991: 150 blinded and consolidated hardcore.

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes flexibly joined to a fall of 1:170 pipes bedded and surrounded in pea gravel and discharge to 1.2m dia. soak away min. 5.0m to edge from dwelling. All footpaths and drives to slope away from buildings.

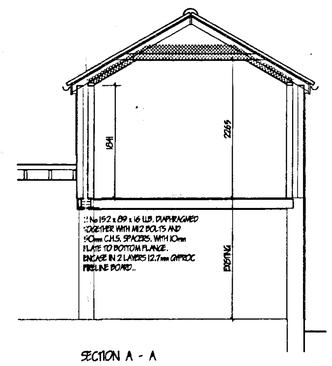
FOUNDATIONS.
Under walls as shown provide 600 x 225 strip concrete foundations all GEN4 mix to B.S. 5328: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 600 to top of foundations: should stimilable soil conditions be found on site then foundations shall be taken down to a depth of 1 metre (minimum) 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.

LINTELS.
All lintels to be manufactured by Messrs. I.G. Coates LI/ S 75 and LI/ 1/2 75 all to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and all external positions to have cavity tray D.P.C. to CP. 121: Internal lintels to be I.G. 100 Plus type.

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S. EN 490 / 491, on 25 x 38 softwood treated battens on under felt 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. head lap of 75mm and to be fixed in accordance with reagard to wind speed, roof pitch and exposure category as detailed in B. S 6399. Pt 2. Timreplete specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1988. TRUSS CALC'S TO BE SUBMITTED TO L/ A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/ c to a pitch to match existing. 38 x 100 ridge node 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 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.SC5 grade. stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS. 4978. 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: At roof intersections provide 25 x 100 lay boards and diminishing trusses at 600 c/ c : Install code 4 lead valley liner.

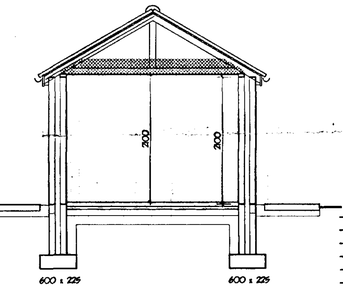


SECTION B - B



SECTION A - A

EXISTING FOUNDATIONS TO BE EXPOSED AND CHECKED FOR ADEQUACY PRIOR TO COMMENCEMENT



SECTION C - C

ALL FOUNDATIONS TAKEN DOWN TO SUITABLE BEARING STRATA, TO BE AGREED ON SITE WITH L/ A BUILDING CONTROL OFFICER.

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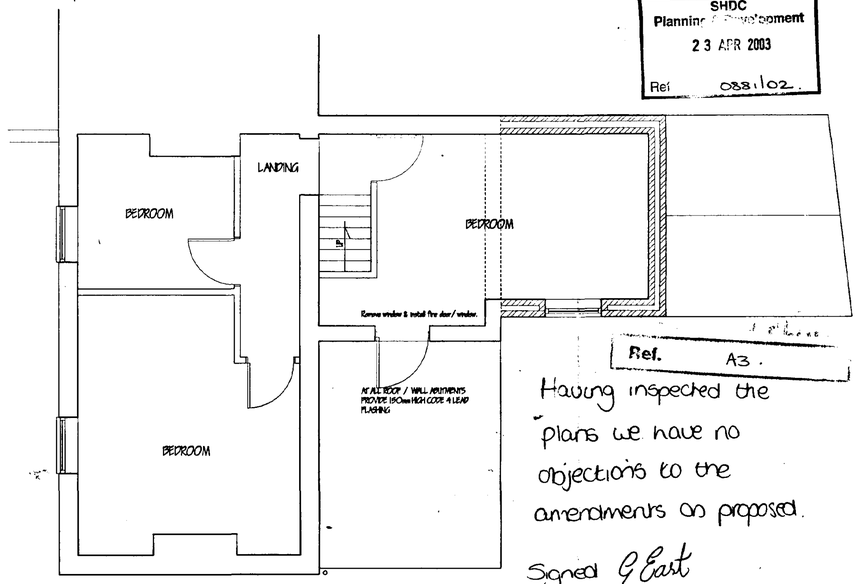
STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate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

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 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.

ref:	revision	date
D	AMEND FIRST FLOOR	MAR' 03
C	BUILDING REG'S AMENDMENTS	NOV' 02
B	BUILDING REGS	NOV' 02
A	AMEND ROOF - PLANNING	OCT 02

SHDC
Planning Department
23 APR 2003
Ref 0381102



FIRST FLOOR PLAN

Ref. A3.

Having inspected the plans we have no objections to the amendments as proposed.

Signed G East
Date 20-4-03

Signed R-J moore
Date 20-4-03

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Project
EXTENSIONS & ALTERATIONS
PINFOLD HOUSE
HIGH ROAD
WHAPLODE

Client
P BAILEY

Drawing
FLOOR PLANS & ELEVATIONS PROPOSED

Job Ref.	Drawing No.
521/02	02-17
Date: JUNE 2002	Drawn: GRM

Scales
1:50 1:100

DO NOT SCALE FROM THIS DRAWING
This drawing is copyright and may not be altered, traced, photographed or used for any other purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report any discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to the Architect so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.