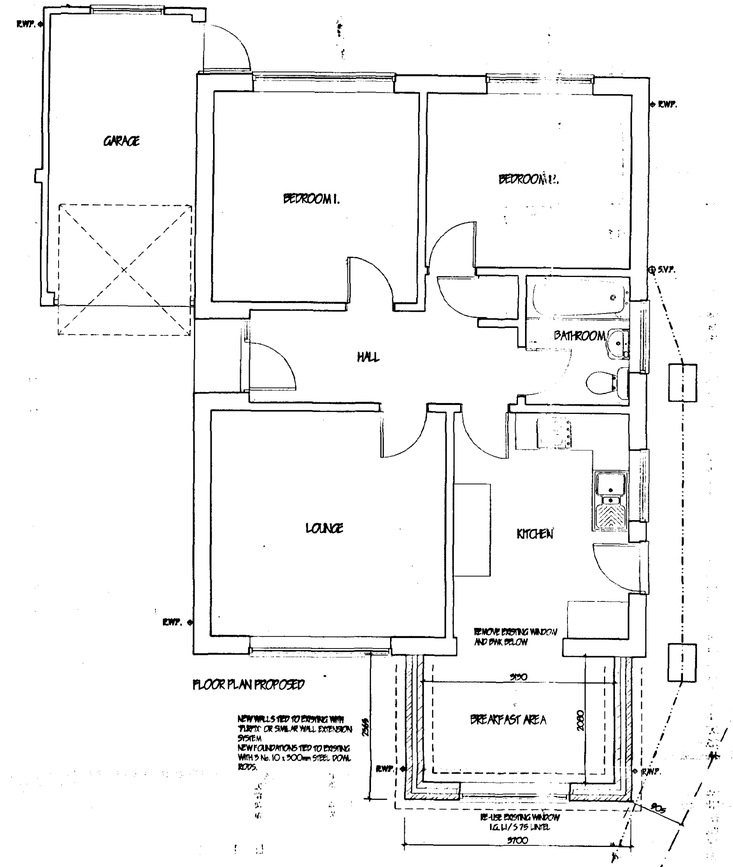
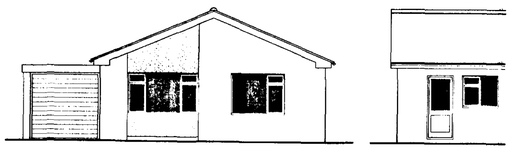


FLOOR PLAN PROPOSED

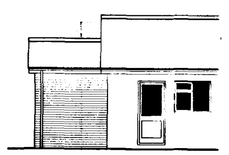


EXISTING FRONT ELEVATION

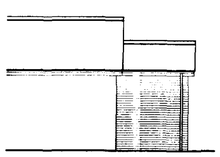
EXISTING SIDE ELEVATION



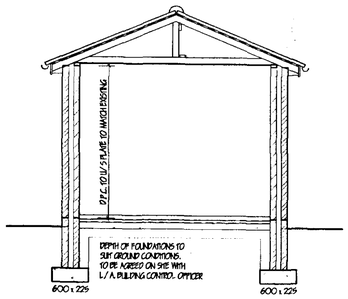
PROPOSED FRONT ELEVATION



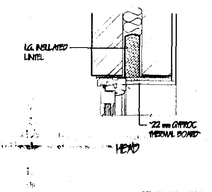
PROPOSED SIDE ELEVATION

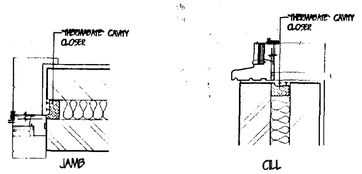


PROPOSED SIDE ELEVATION



SECTION





REVEAL DETAILS

LINTELS.
All lintels to be manufactured by Messrs. I.G. Cooles LI/S 75 and LI/HD 75 all 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:

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes flexibly joined to a fall of 1:70 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.

GLAZING.
Double glaze extension throughout (minimum 12mm air gap to all units with Low 'E' 0.05 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.

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.
Heating Engineer to provide L/ A. Building Control with a suitable Commissioning Certificate, in accordance with that published as part of the Benchmark Code of Practice, upon completion.

LIGHTING.
To Breakfast Area provide energy efficient light fittings capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.

WALLING.
225 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 'Dritherm cavity wall batts insulation boarding in accord. with makers instructions and agreement cert.' No.84/1268 & 86/1984. 100mm Tarmac Hemelite solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 750 horizontally and 450 vertically to B.S.1243:1978 wall ties positioned at 900 vertical centres at all unbonded closures of cavity. Close cavities with "thermalsate" 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.

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 bease 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 40mm "Celotex GA2040" 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 top floor D.P.M. All on 100 concrete over site: Concrete mix (EN4 to B.S. 5328: pt 1991: 150 thkned and concreted hardcore.

FOUNDATIONS.
Under walls as shown provide 225 x 600 strip concrete foundations (EN4 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

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. Timeplate 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 of approx. 22.5 deg. TO MATCH EXISTING. CHECK ON SITE
38 x 100 ridge rode binder 38 x 100 ceiling binder: 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

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. 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 joists 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 Jabbite to top surface. Provide slide bolt fasteners & draught seal all round

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.

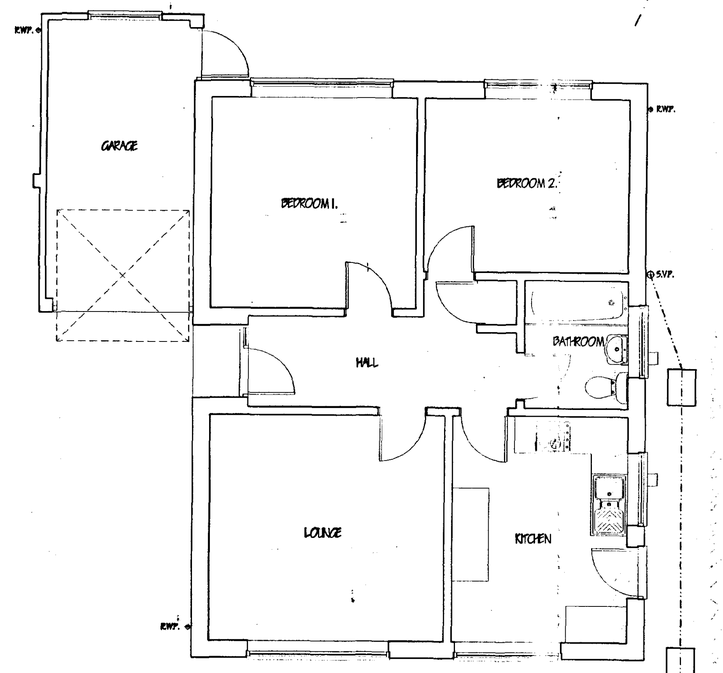
LIMITATIONS.
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning/ Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall 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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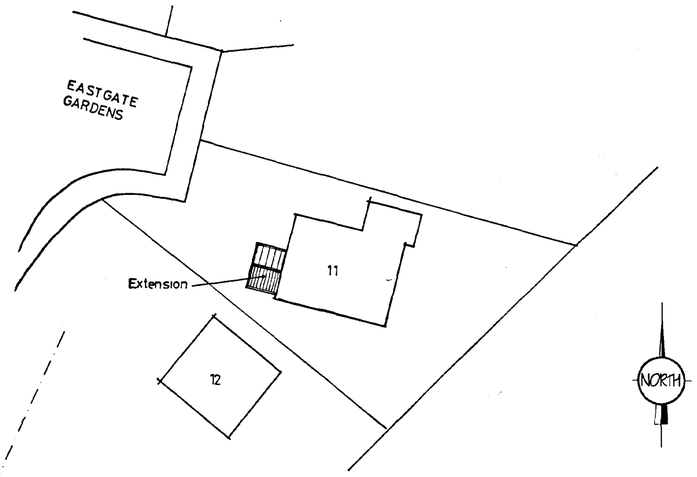
STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fixed and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate 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.

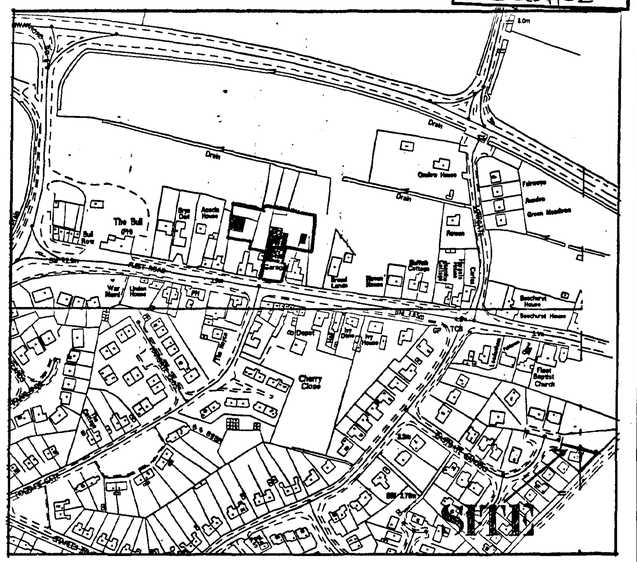
SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.



FLOOR PLAN EXISTING



BLOCK PLAN 1:250



LOCATION PLAN 1:2500

SHDC
Planning & Development
14 JUN 2002
Ref 0684/02

DETERMINED PLAN

ref. revision date

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Project
PROPOSED EXTENSION
11 EASTGATE GARDENS
FLEET HARGATE
SPALDING LINC'S.

Client
P. BUSBY

Drawing
FLOOR PLANS / SECTION / ELEVATIONS

Job Ref.	Drawing No.
503-02	01
Date: JUNE '02	Drawn: J.C.

Scales
1:50 1:100

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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 as that design amendments may be sanctioned. Site soil surveys are recommended to inspect of foundations to establish specific site