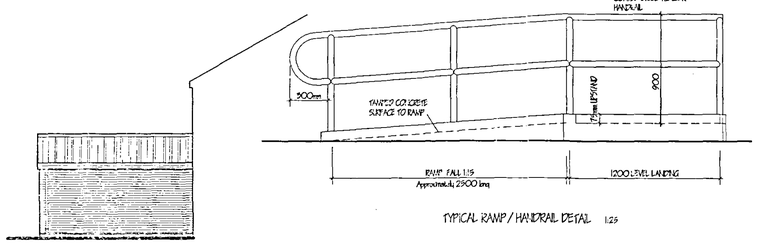


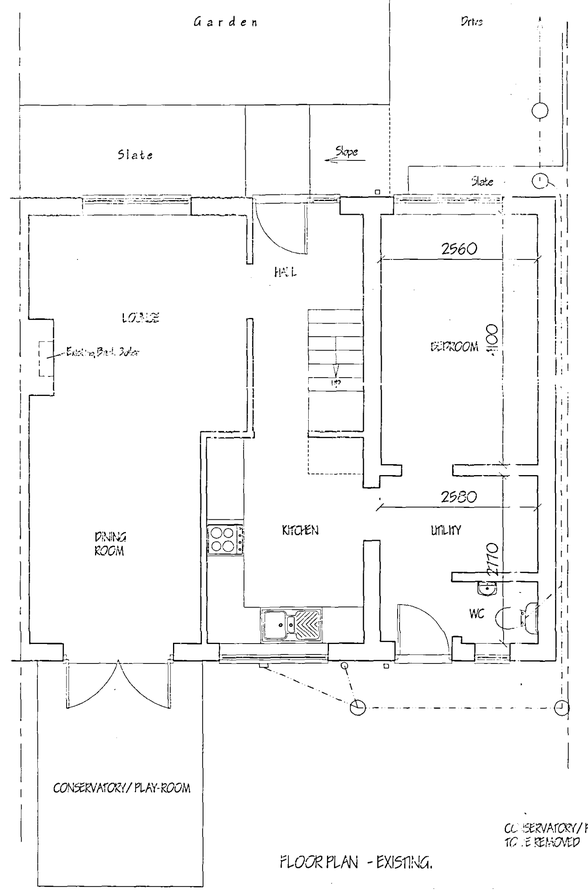
SIDE ELEVATION

REAR ELEVATION

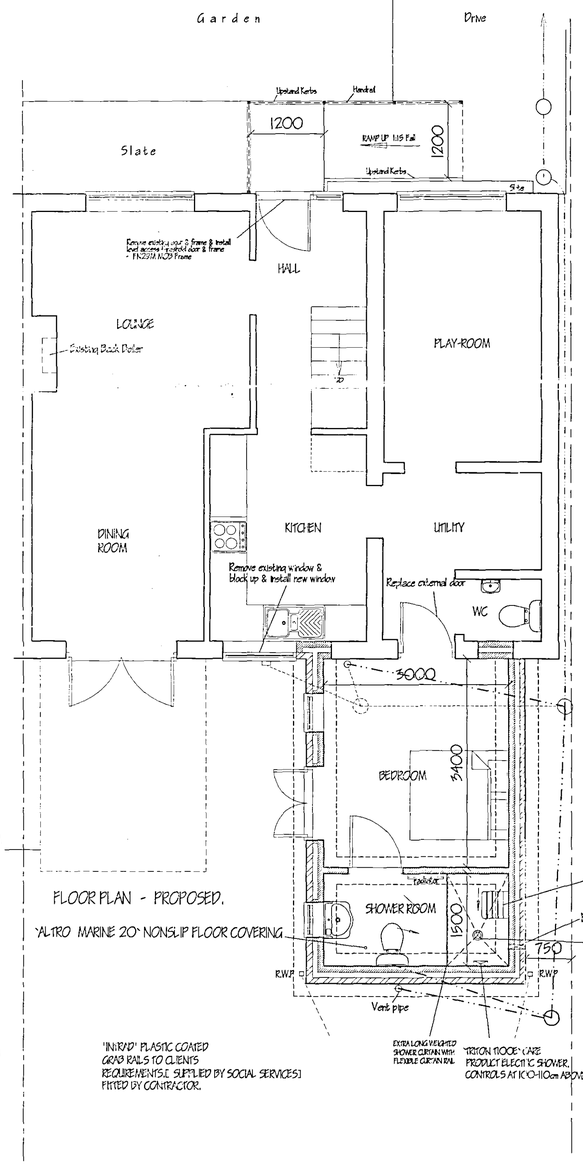


SIDE ELEVATION

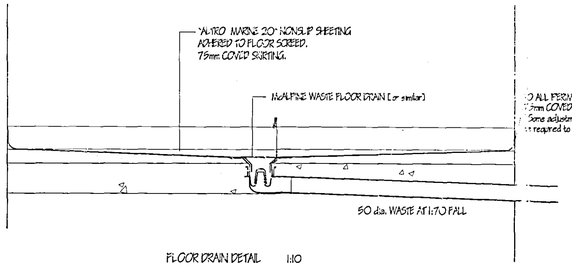
TYPICAL RAMP / HANDRAIL DETAIL 1:25



FLOOR PLAN - EXISTING.



FLOOR PLAN - PROPOSED.



FLOOR DRAIN DETAIL 1:10

'ALTRO MARINE 20' NONSLIP FLOOR COVERING.

'UNIRAIL' PLASTIC COATED GRAB RAILS TO CLIENTS REQUIREMENTS (SUPPLIED BY SOCIAL SERVICES) FITTED BY CONTRACTOR.

FREE-STANDING SHOWER SEAT - supplied by O/T. (no fitting required)

EXTRACT FAN

McALPINE WASTE FLOOR DRAIN

EXTRA LONG WEIGHTED SHOWER CURTAIN WITH FLEXIBLE CURTAIN RAIL

'TRITON MODE' CARE PRODUCT ELECTRIC SHOWER CONTROLS AT 1000-1100mm ABOVE F.F.L.

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S. EN 490 / 491, on 25 x 38 softwood treated battens on 'Klipvent' Tilek Supra membrane in accordance with BBA cert. 04/4104 (second issue) in all cases to be lapped by minimum 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. Twinplate specialist made prefabricated roof trusses to comply with B.S. 9268 part 3 1988, 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 25 deg. 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: All structural timber to be min SC3 grade. stamped 'KD' or 'HT' to indicate moisture content of 20% or less all in accordance with BS. 4978. Where span of trussed rafter exceeds 9.0m 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 454 ceiling joists. At roof intersections provide 25 x 100 laj boards and dimishing trusses at 600 c/c: Install code 4 lead valley liner.

CEILINGS / INSULATION.
Roof Level: Flat ceilings lay 250mm glass fibre insulation total thickness. 100mm between joists & 150mm over. Joists to provide min. 'U' value of 0.16 W/ sq.m.K. Ensure 50mm air gap over all insulation. 12.5mm Gyproc wallboard, 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 planed stops. Access panel to be 12mm ply with layer of 12.7mm Fireline board fixed to face. 100mm Jabtite to try surface. Provide slide bolt fastening & draught seal all round

WALLING.
285 cavity walling to consist of face brickwork to B.S. 5328:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 85 cavity: build into cavity Drithorm cavity wall batt insulation boarding in accord. with makers instructions and approved cert' No.84/1268 & 86/1984. 100mm Tarmac Hendrix 3.5 N/mm2 solid insulation blocks or similar. Cavity walls tied together using stainless steel vertical twist ties set 750 horizontally and 450 vertically all to B.S. EN 845 wall ties positioned as 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 CP 121 Pt 1: 1973. External walls to have max. 'U' value of 0.35 W/ sq.m.K. Internal walls of 100mm Tarmac Hendrix solid insulation blocks.
Movement joints to be installed in blockwork in accordance with B.S. 5628 pt. 3 1985.
All to receive 13mm lightweight plaster finish (except garage).

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.

INTERNAL DOORS.
All internal doors to ground floor habitable rooms and toilet accommodation to be 838mm wide.

ELECTRICAL INSTALLATIONS.
All electrical work to meet the requirements of Part P (Electrical Safety) and must be designed, installed, inspected and tested by a person competent to do so. Prior to completion of the works the Local Authority must be satisfied that either-
An electrical installation certificate issued under a competent persons scheme has been issued.
OR
An appropriate installation certificate has been issued for the work and that it has been signed by a person competent to do so.

GENERAL
All electrical installations to be in accordance with the latest I.E.E. Regulations.

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 'Celotex GA4060' 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 over site: Concrete mix GEN1 to B.S. 5328: pt1 1991: 'C' O blinded and sand dotted hardcore: Garage floor to be as above except sand cement screed and insulation. Ensure 100mm threshold at door from garage to utility.

FOUNDATIONS.
Under walls as shown provide strip concrete foundations as follows: Under 285 cavity walls provide 225 x 600 and under 100 walls provide 225 x 450 all GEN1 mix to B.S. 5328: pt1 1991. All foundations taken down to bear on load bearing strata min. dept' of 450mm below ground level to underside of foundations should shrinkable soil conditions be found on site then foundations shall be taken down to a minimum depth of 1000mm below ground level. Where internal walls are taken up off floor then thicken out slab to 225 x 900 or if considered necessary be taken down to 225 x 450 foundations in all cases conditions are to be in accord. with N.H.B.C. Foundation Practice Guidance Notes.

LINTELS.
All lintels to be manufactured by Marshalls Cast Ltd/ S 75 and Ll/ HD 75 all to be installed in accordance with makers' instructions, and to have min. end bearing of 150mm and all external openings to the cavity wall to be D.P.C. to C.P. 121: Internal lintels to be min. 100 dia. Lintels to be manufactured from 12.7 fire line board or equivalent, laminated and glued. Provide Perspend keep plates and stop ends to concrete tray.

SURFACE WATER DRAINAGE.
115mm dia. half round rainwater gutters to 65mm dia. rainwater pipes: 110mm dia. underground pipes laid to a fall of 1:70 on bedded and surrounded in pea gravel and 'Bidim' type to 1.2m dia. soak away pits 9.0m to edge from building. All footpaths and drives to slope away from building.

GLAZING.
Double glazed proprietary timber units with timber/ pvc windows Casement 15mm air gap to all units with low 'E' 0.1 (clear) max 'U' value 1.9 W/ sqm.K excluding garage. All glazing between F.F.L and 800mm high and between 1.1L and 1900mm high in doors and adjacent to be safety glass to B.S. 6206. All windows/doors to be draught sealed.

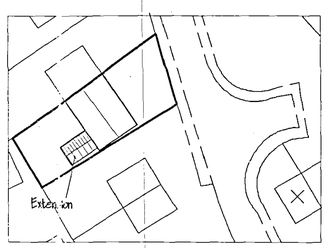
VENTILATION.
All windows to have opening lights to give the equivalent of 1/ 20th the floor area. Provide background ventilation to habitable rooms min. 8000mm sq. permanent free air ventilation per room. To all other rooms provide min 4000 sq. All following rooms to have in addition to above W.H/ Window mounted mechanical extractor fan. Kitchen to extract min. 60 litres per second. Utility room 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. 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.

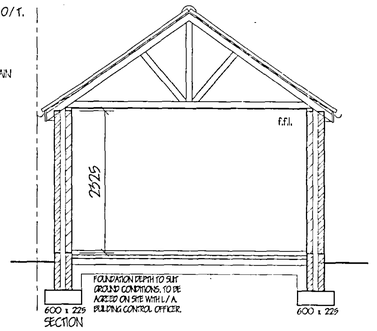
SMOKE DETECTORS.
Provide ceiling mounted mains operated self-contained smoke alarms to B.S. 5446: pt1 1990 in positions shown on plan. Where more than one detector is to be provided they will be interconnected. All permanently wired to a separate fused circuit from consumer unit.

LIGHTING.
To all rooms 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 P.I.R. Dusk or movement sensors and capable only of taking lamps having a luminous efficacy greater than 40 lumens per circuit.

FOUNDATIONS.
Inspection chambers to be 'P.C. unit' and installed in accordance with manufacturers instructions and to B.S. 5911: pt 1 1982 and 1994. Foul drainage to be 110mm dia. UPVC to B.S. 4514: 1983 and surrounded in 150mm pea gravel. Rainwater pipes to be 110mm dia. UPVC to B.S. 4514: 1983 and to be strapped to wall and terminate with 'D' balloon. Waste pipes to be generally 40mm dia. If over 3.0m long run increase to 50mm dia. All PVC to B.S. 5255: 1989 complete with rodding eyes at every change of direction.
All redundant drains to be grubbed out or filled with lean mix concrete.
CONNECT TO EXISTING SYSTEM.

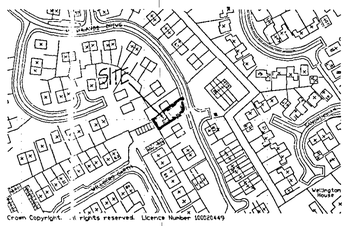


SITE PLAN
1/ 500



FOUNDATION DEPTH TO BE AGREED ON SITE WITH L/A. BUILDING CONTROL OFFICER.

SECTION



LOCATION PLAN
1/ 2500

SHDC
Planning & Development
0 8 JUL 2005
Ref: 0927/05

DETERMINED PLAN

SPECIFICATION OF WORKS:

DISABLED ACCESS RAMP:-
CONCRETE RAMP TO FRONT DOOR AS DETAILED - PLUS FOOTPATH AMENDMENTS

GRADE LEVEL ACCESS FREE GOLF TO FRONT DOOR - AS DETAILED.

SHOWER ROOM WORKS:-

Floor level to be non-slip with gradient to shower outlet.
-graded area to be at least 1 metre square below shower head

Shower unit to be thermostatical, controlled & wired so that it can be used from seated or standing position - controls to be 900-1100mm from floor

Shower head to be height adjustable & detachable shower head slide to be approximately 1 metre long to start at height of controls

Provide grab rails as necessary to comply requirements to be supplied by O/T

Heaters in bathroom to be capable of maintaining a temperature of 70 degrees F.

Rail & extra long shower curtain to enclose shower area
- weighted to fall just inside the grassed area

BEDROOM & SHOWER ROOM EXTENSION:-

Constructed as per general building specification.

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 and not scaled from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes.
All work dimensions shall be checked by the Builder / Contractor and will be his responsibility from commencement of site works.
The works will not be accepted or inspected as was 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 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 equivalents.

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.

C	RE-DESIGN EXTENSION - PLANNING	JLY '05
B	BUILDING REGULATIONS AMENDMENTS	MAY '05
A	REDUCE LENGTH OF PENETRON	APRIL '05
ref.	revision	date

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Project
ALTERATIONS FOR DISABLED PERSON.
60 MARSHLANDS DRIVE,
HOLBEACH,
SPALDING. LINC'S. PE12 7QW.

Client
MR. & MRS. A. PARKER.

Drawing
FLOOR LAYOUT PLANS

Job Ref.	Drawing No.
1124-05	01C.
Date: MARCH '05	Drawn: GRM.

Scales
1/ 50 1/ 25 (unless otherwise stated)

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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 equivalents. The Employer / Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health and 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. The works shall comprise of all that is shown on the drawing and details. Work that may not specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.