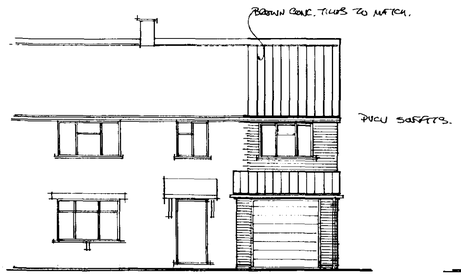
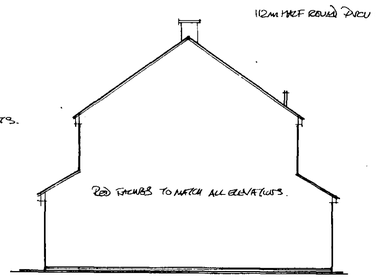
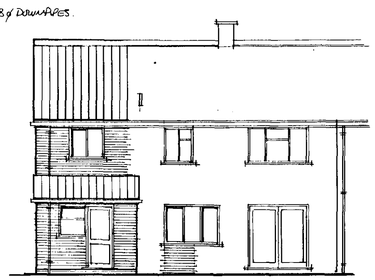
TO BE READ IN CONJUNCTION WITH STRUCTURAL CALCULATIONS.



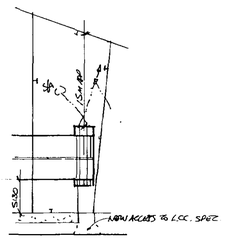
FRONT ELEVATION



SIDE ELEVATION

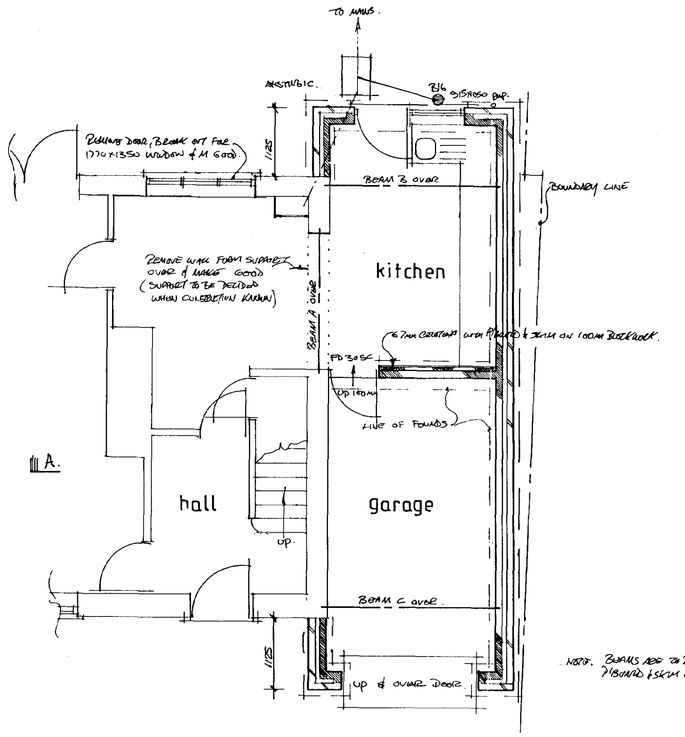


REAR ELEVATION

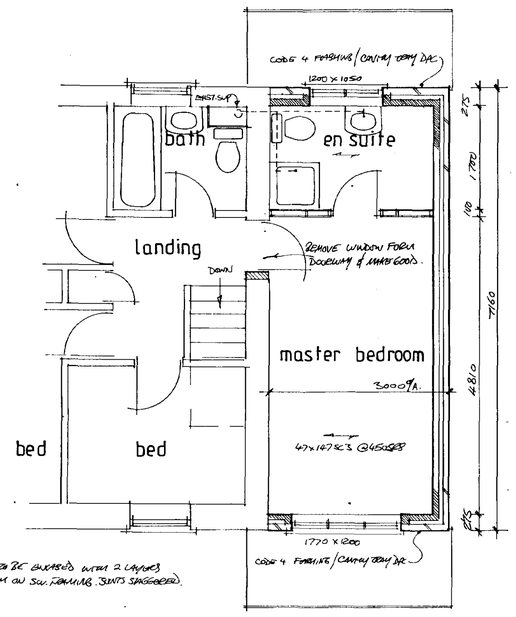


MILLFIELD GDNS.

1:500 BLOCK PLAN

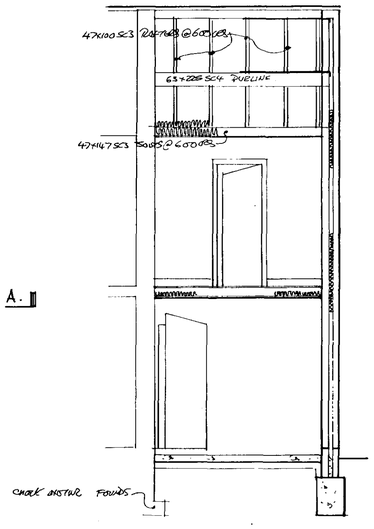


GROUND FLOOR PLAN



NOTE. BEAMS ARE TO BE ENCASED WITH 2 LAYERS 9 BOARD & SKIM ON SOLID TIMBERS. JOINTS STAGGERED.

FIRST FLOOR PLAN



SECTION AA

ROOF
PITCH AS EXISTING. CONCRETE INTERLOCKING TILES ON 38x25 TREATED SW. BATTENS ON SARKING FELT. 47x100 SC3 RAFTERS @ 600 CRS WITH 2 No. 63x225 SC4 PURLINS (ONE TO EACH SLOPE) 47x147 SC3 CEILING JOISTS AT 600 CRS. 47x100 TREATED SW WALLPLATES FULLY BEDDED. LOWER ROOF TO CONSIST 47x100 SC3 RAFTERS & 38x25 AT 600 CRS.
30 x 5mm GMS RESTRAINT STRAPS TO GABLE AT 2m CRS 9m SHEW BLOCKING SUPPORT. 10mm CAVITY VENTS TO MAIN ROOF. LOWER ROOF TO HAVE 220x150 AIR BRICK TO BACK GABLE. 250mm QUILT INSULATION IN TWO LAYERS (RESTRAINED AND ACROSS JOISTS) 12.5m PLASTERBOARD & SKIM.

EXTERNAL WALLS
CAVITY CONSTRUCTION CONSISTING STRONG BUILT 75mm CAVITY WITH BRITMORE CAVITY FILL INSULATION, 100mm CELCON BLOCKWORK. WALL TIES AT 950mm HOR. 450mm VERTICAL CRS - STAGGERED. DOUBLED UP TO CORNERS AND REVEALS. DAMCOR INSULATED DPC TO REVEALS. RENDER & SKIM INTERNALLY. 16 LI TYPE LINTELS WITH 150mm BEARINGS. FULL DEPTH OF GABLE IS TO BE INSULATED.

STUD WALL
75x50 STUDS AT 600 CRS WITH 75x50 HEAD AND SOLERATES. 12.5mm PLASTERBOARD & SKIM FINISH. SOUND INSULATION QUILT BETWEEN STUDS. DOUBLED JOISTS UNDER.

FIRST FLOOR
18mm T&G MOISTURE RESISTANT FLOORING GRADE CHIPBOARD ON 47x147 SC3 JOISTS AT 450mm CRS ON HANGERS TO APT. WALL. 38x38 HERRINGBONE STRUTTING AT MID SPAN. 30x5mm GMS STRAP TO FRONT & REAR WALL AT MID SPAN 9m NOGGINS UNDER. 12.5m PLASTERBOARD & SKIM OVER KITCHEN. 2 LAYERS 9mm P/BOARD WITH STAGGERED JOINTS OVER GARAGE FIRESTOPPED TO PERIMETER. ALSO OVER GARAGE ANY CEILING DOUBLE R. 67mm INSULATION BETWEEN JOISTS.

GROUND FLOOR
50mm SAND & CEMENT SCREED ON 100m GEN 3 MIX CONCRETE ON 1200g DPM ON 100mm SABLITE 3D OR EQUAL ON CLEAN BLINDED WELL COMPACTED HARDCORE. 25mm UPSTAND INSULATION TO PERIMETER OF KITCHEN. GARAGE TO HAVE 100mm FLOAT FINISH CONCRETE ON 1200g DPM ON HARDCORE. SCALE THICKENED OUT UNDER DOOR.

FOUNDATIONS
450mm WIDE x 600mm THICK GEN 3 MIX TRENCHFILL CONCRETE 1000mm DEEP IN CLAY AND TO SATISFACTION OF LOCAL AUTHORITY B.C.O.

DRAINS
110mm ø PVCU A-T 1:80 MIN FALLS WITH PEA GRAVEL BED & SURROUND. STORM DRAINS DISCHARGING TO A SOAKAWAY FILLED WITH CLEAN BRICK RUBBLE 5m FROM BUILDINGS. GULLEY TO BE RODDABLE BACK INLET TYPE WITH WASTES DISCHARGING BELOW GRATING AND ABOVE WATER LINE. WHERE DRAINS PASS THROUGH WALLS PROVIDE PSC LINTELS OVER. GAP TO BE SEALED WITH COMPRESSIBLE MATERIAL AND MASKED WITH RIGID SHEETING.

WASTES
PVCU PIPES AND FITTINGS TO BS.5255. ACCESS IS TO BE PROVIDED THROUGH ANY BOXINGS. SHOWER TRAY ON PLINTH TO ALLOW ACCESS UNDER. 32ø TO BASIN, 38ø TO SHOWER AND SINK. 75m DEEP SEALED TRAPS. DISCHARGE TO EXISTING SVP AND NEW GULLEY.

MECHANICAL VENTILATION
TO BE DUCTED TO EXTERNAL AIR. EXTRACT RATES 15 LITRES PER SECOND TO EN-SUITE AND 30 LITRES/SECOND TO COOKER HOOD.

ENERGY EFFICIENT LIGHTING
FIXED LIGHTING THAT ONLY TAKES LAMPS HAVING A LUMINOUS EFFICACY GREATER THAN 40 LUMENS PER CIRCUIT WATT TO BE PROVIDED IN ONE LOCATION.

WINDOWS
DOUBLE GLAZED PVCU WITH 24mm LOW E SEALED DOUBLE GLAZED UNITS TO GIVE 2.0 W/M²K 'U' VALUE 8000m² TRICKLE VENTS. OPENING SASHES 5mm. TO 5% FLOOR AREA AND IN BEDROOM TO HAVE MINIMUM CLEAR DIMENSIONS OF 450 x 750mm FOR MEANS OF ESCAPE.

HEATING / HOT WATER
EXTEND EXISTING SYSTEM WITH THERMOSTATIC VALVES TO RADIATORS. CHECK BOILER FOR SUITABILITY.

NOTES:
All dimensions must be checked on site and not scaled from this drawing.

	Date	Revisions
A	25.4.03	WINDOW & DOOR TO REAR ELEVATION ALTERED

© Copyright

DETERMINED PLAN

Robert Barwell
Architectural Design
P.O. Box 67
Bourne Lincs
PE10 9XY
Tel No: ;01778 425166

SHDC
Planning & Development
12 MAY 2003
Ref 0594/03

Client
MRS. C.A. PHOENIX.

Job Title
SIDE EXTENSION AT.
21, MILLFIELD GARDENS.
CROWLAND.
PE6 0HA.

Drawing Title
PROPOSED PLANS, ELEVATIONS AND SECTION

Scale 1:50, 1:100

Date APRIL 2003 Drawn by RBarwell

Drg. No. 03/0308 Rev. A.

A PRODUCT OF THE UNO RANGE - ARCHITECT CAT. NO 7311

A1