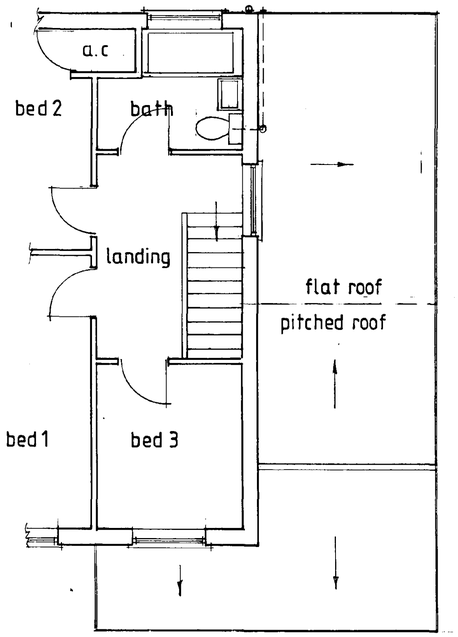
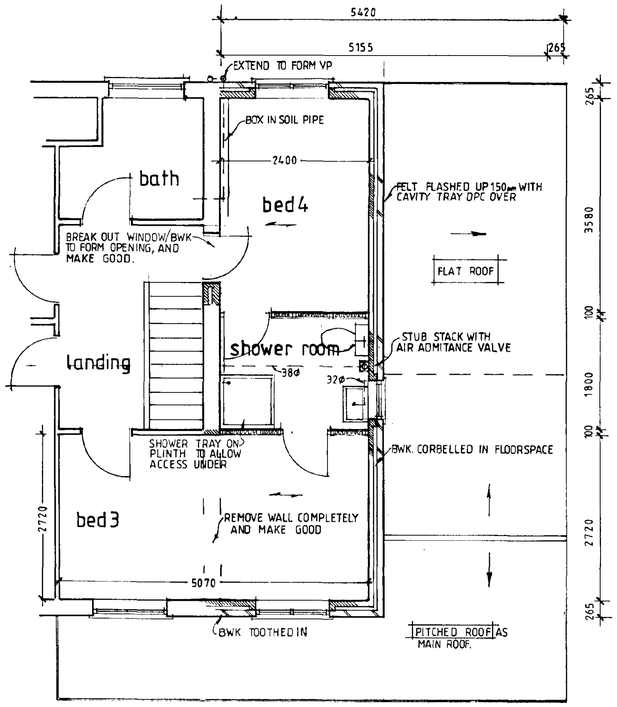
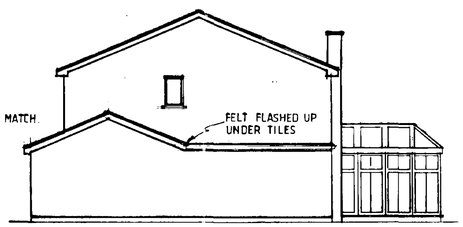




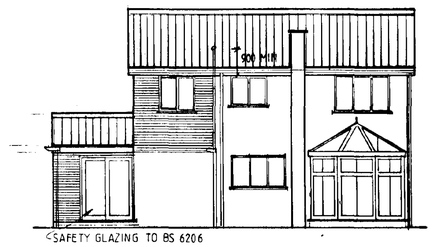
REDLAND GROVEBURY RED GRANULAR TILES TO MATCH



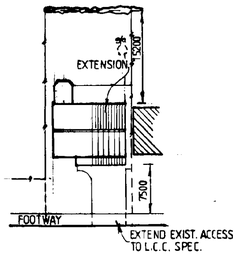
Proposed front elevation



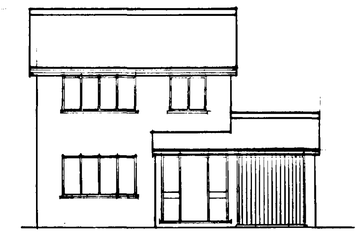
Proposed side elevation



Proposed rear elevation.

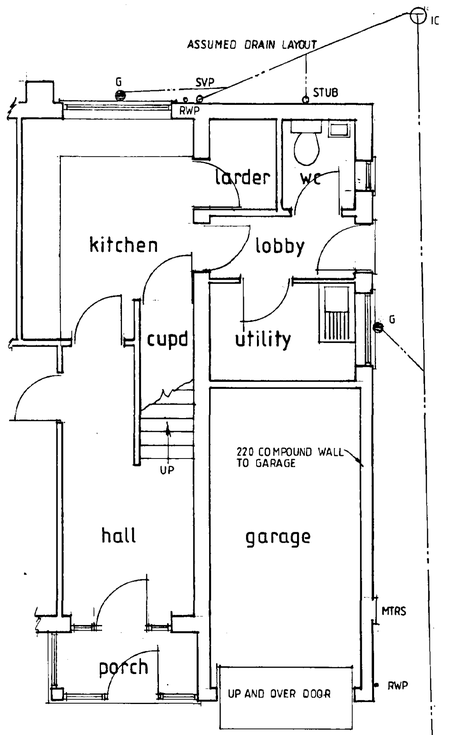


1:500 site plan.



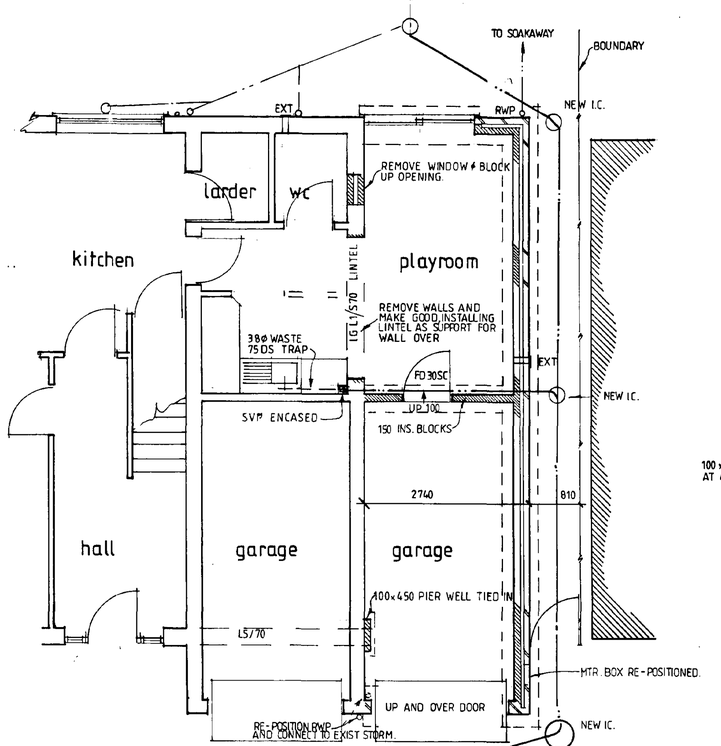
Existing front elevation.

Existing first floor.



Existing ground floor

Proposed first floor



Proposed ground floor

ROOF (PITCHED)
CONCRETE INTERLOCKING TILES ON 50 x 25 TREATED SW BATTENS ON UNTEARABLE SARKING FELT ON TRUSSED RAFTERS AT 600 CRS MAX DESIGNED AND MANUFACTURED BY APPROVED MANUFACTURER AND FIXED TOGETHER WITH 25 x 100 SW BINDERS/BRACING IN STRICT ACCORD WITH BS 5268: 30 x 5 GMS STRAPS TO GABLES AT CEILING AND RAFTER LEVEL AT 2000 MAX CRS C/W SOLID BLOCKING SUPPORT AND EDGE PACKING EAVES VENTS AT EACH SIDE OF ROOF TO ACHIEVE A CONTINUOUS FREE AIR PASSAGE OF 10mm. 150 FIBREGLASS QUILT INSULATION. 13 PLASTERBOARD AND SKIM. 50 x 100 TREATED SW PLATES WITH HALF LAPPED JOINTS, FULLY BEDDED AND STRAPPED DOWN WITH 30 x 5 GMS STRAPS AT 1800 CRS.

FIRST FLOOR
18mm T&G MOISTURE RESISTANT CHIPBOARD TO BS 5669 ON 47 x 170 SC3 JOISTS AT 400 CRS. 13 PLASTERBOARD AND SKIM. 38 x 38 HB STRUTTING AT MID SPAN. 30 x 5 GMS STRAPS AT 1800 CRS WHERE PARALLEL TO EXT WALL. DOUBLE JOISTS UNDER PARTITIONS WHERE PARALLEL, SOLID BLOCKING WHERE AT RIGHT ANGLES TO JOISTS. DOUBLE JOISTS BOLTED AT 900 CRS WITH 12ø COACH BOLTS C/W PLATE WASHERS.

EXTERNAL WALLS.
FACING BRICKWORK TO OUTER SKIN, 65mm CAVITY WITH DRITHERM CAVITY SLL INSULATION 100mm. INSULATION BLOCKS TO INNER SKIN: CLASS A BLOCKS BELOW GROUND LEVEL. CAVITY FILLED WITH 1:10 MORTAR TO WITHIN 225 OF DPC. DAMCOR INSULATED DPC TO REVEALS. ALL CAVITIES CLOSED AT TOP OF WALL. RENDER AND SKIM INTERNALLY.

STUD WALLS.
75 x 50 STUDS AT 600 CRS. WITH 75 x 50 HEAD AND SOLE PLATES. 12.5 PLASTERBOARD AND SKIM TO BOTH SIDES WITH SOUND INSULATION.

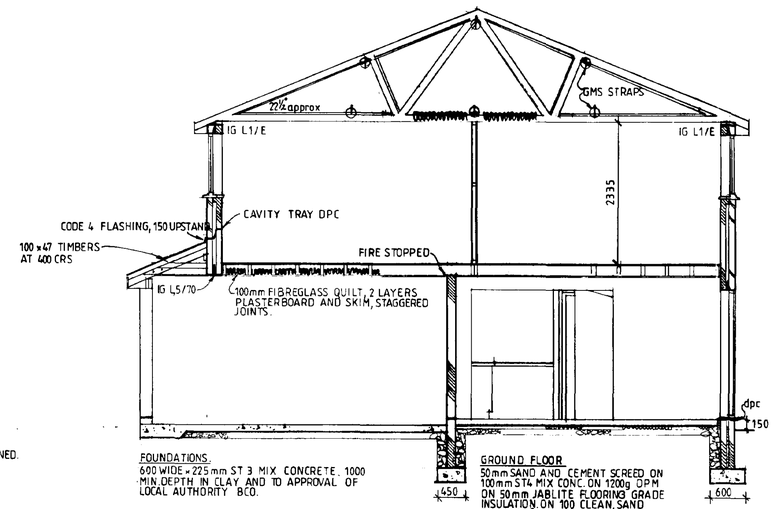
MECHANICAL VENTILATION.
TO BE DUCTED TO EXTERNAL AIR. EXTRACT RATE:- 30 L/S TO UTILITY, 15 L/S TO WC. OPERATED BY LIGHT SWITCH WITH 15 MIN. OVERUN PROVISION. 15 L/S TO SHOWER ROOM.

LINTELS.
TO BE IG OR SIMILAR WITH 150 MIN END BEARING.

FOUL DRAINS.
110ø UPVC WITH PEA GRAVEL BED AND SURROUND. AT 1:80 MIN FALLS WITH POLYPROPYLENE INSPECTION CHAMBERS AT POSITIONS INDICATED.
315ø I.C. FOR DEPTHS UP TO 600 mm
475 " " " " 1000 mm
WHERE DRAINS PASS THROUGH WALL, PS CONC. LINTELS TO BE PROVIDED OVER TO ALLOW 50 mm GAP AROUND PIPE. GAP TO BE MASKED WITH RIGID SHEETING WHERE DRAINS PASS UNDER DRIVE WITH LESS THAN 600 COVER. BED AND SURROUND WITH CONCRETE WITH FLEXCEL TO PIPE JOINTS.

WINDOWS
BOULTON & PAUL SW TO MATCH. DRAUGHT SEALED WITH DOUBLE GLAZED SEALED UNITS AND 4000 mm² TRICKLE VENTS. OPENING LIGHTS EQUIV. TO 5% OF FLOOR AREA.

FLAT ROOF (WARM)
12.5mm LIMESTONE 'CHIPPINGS' ON 3 LAYERS BITUMEN FELT TO BS 747. 60mm COOLAG STANDARD ROOFBOARD ON BITUMEN BASED VAPOUR BARRIER FULLY BONDED TO 18mm MARINE PLY DECK ON FIRRINGS ON 47 x 150 SC3 JOISTS AT 400 CRS. 12.5 PLASTERBOARD AND SKIM. 'U' VAL. 0.33 W/m²K.



FOUNDATIONS.
600 WIDE x 225 mm ST 3 MIX CONCRETE. 1000 MIN. DEPTH IN CLAY AND TO APPROVAL OF LOCAL AUTHORITY BCO.

STORM DRAINS.
110 ø UPVC WITH PEA GRAVEL BED AND SURROUND AT 1:80 FALLS DISCHARGING TO SOAKAWAY 4500 MIN. FROM ANY BUILDING.

GROUND FLOOR
50mm SAND AND CEMENT SCREED ON 100mm ST4 MIX CONC. ON 1200g DPM ON 50mm JABLITE FLOORING GRADE INSULATION ON 100 CLEAN, SAND BLINDED, COMPACTED HARDCORE. INSULATION UPSTAND TO PERIMETER.

Typical Section

SOUTH HOLLAND DC
HOUSING & PLANNING
02 FEB 1999
Ref: 0092/99

DETERMINED PLAN

47.9m²

Proposed extension
At. 7, Croyland Way.
Crowland.
For. Mr. and Mrs. A. Hendry.

December 1997 AMENDED DEC 1998

Scales. 1:100, 1:50