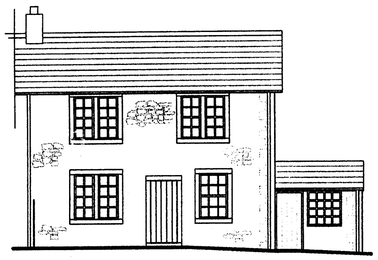
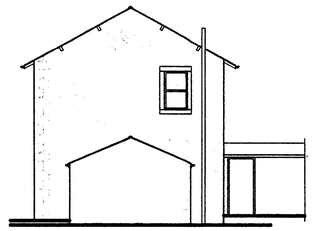


EXISTING FRONT ELEVATION (1-100)

EXISTING REAR ELEVATION (1-100)



EXISTING SIDE ELEVATION (1-100)

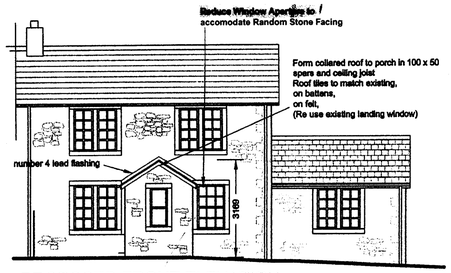
All electrical work is required to meet the requirements of part P (Electrical Safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion the Local Authority must be satisfied that either:

A....An electrical installation certificate issued under the Competent Person Scheme has been issued: or

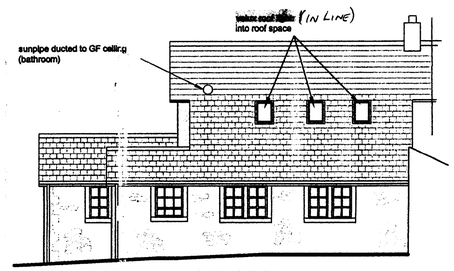
B....appropriate certificates and forms defined in BS 7671 have been submitted that confirm that the work has been inspected and tested by a competent person. A competent person will have sound knowledge and experience relevant to the nature of the work undertaken and to the technical standards set down in BS 7671, be fully versed in the inspection and testing procedures contained in the regulations and employ adequate testing equipment.

A competent person may be a member of NICEIC or ECA. In addition, in the case of 'minor works' (see part P for definition) an electrician qualified to at least City and Guilds 2391 is considered to be a competent person.

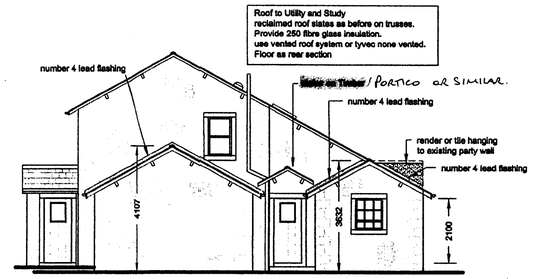
In the case of option B the person carrying out the work must arrange for a competent person to inspect the electrical installation at pre plaster stage and inspect and test prior to the installation being live.



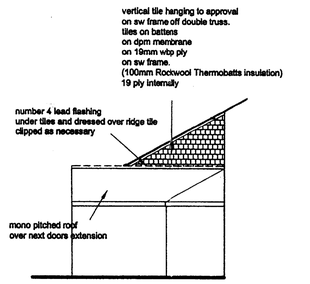
PROPOSED FRONT ELEVATION (1-100)



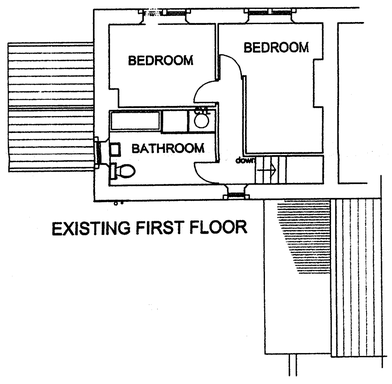
PROPOSED REAR ELEVATION (1-100)



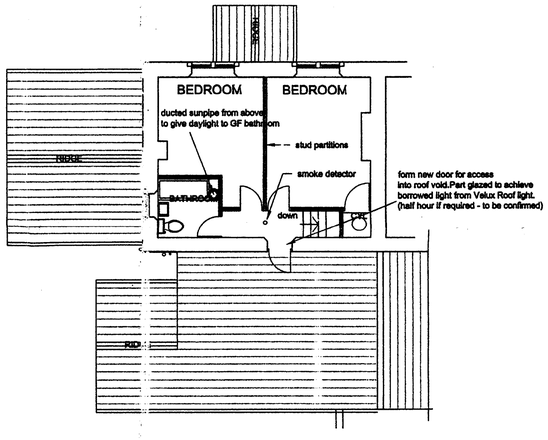
PROPOSED SIDE ELEVATION (1-100)



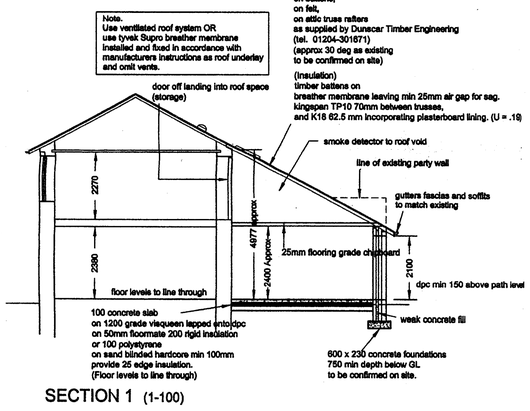
PROPOSED SIDE ELEVATION (1-100)



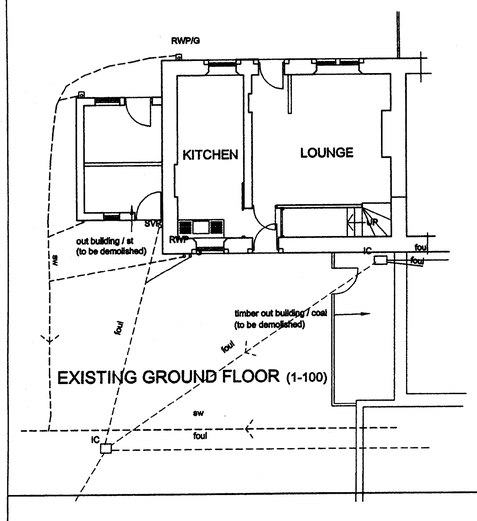
EXISTING FIRST FLOOR



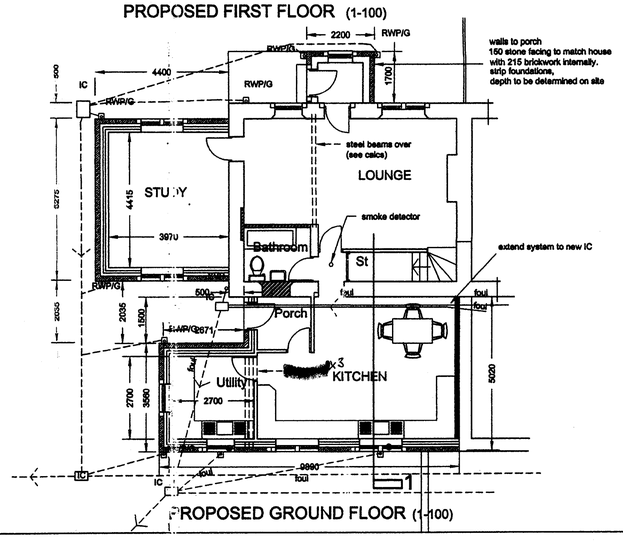
PROPOSED FIRST FLOOR (1-100)



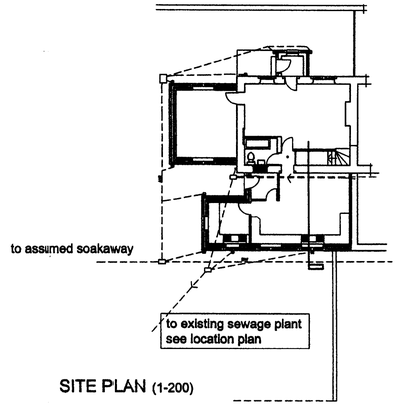
SECTION 1 (1-100)



EXISTING GROUND FLOOR (1-100)



PROPOSED GROUND FLOOR (1-100)



SITE PLAN (1-200)

NEW BOILER.
PROVIDE BOILER (SEDBUK) WITH MIN EFFICIENCY OF:
MAINS NATURAL GAS 78%
LPG 80%
OIL 85%
AND INSTALL TO FULL CORGI REGULATIONS.

Assumed line of existing drainage.
Relay drains clear of new construction
OR provide double seal air tight covers
internally flush with existing floor finish
where appropriate

Maintain connections to separate system

WALLS

Facing brickwork to match existing
50mm cavity + Kingspan TW50 45mm insulation.
100mm Turbo block inner leaf.

Render to match existing on 100mm common brickwork
50mm cavity + Kingspan TW50 45mm insulation, or Celotexduff-R CW3000 (45mm)
100mm Turbo block inner leaf.

- IG steel lintols or reinforced concrete to suit openings.
- Cavities to be closed at head with slate.
- 13mm plaster to walls.
- 13mm foil backed plaster board to ceilings.
- Wall ties to conform with BS 1243.
- Provide none combustible cavity closers as 'ROCKSIL' cavity sock or other approved.
- All cavities to be continuous.
- Cavity ties to be spaced at 750 crs for cavities over 75mm

INTERNAL WALLS (requiring protection against airborne sound)

- TIMBER PARTITION WALLS - use min 75 x 50 sw studding with 2 layers of 12.5 plasterboard, with gun applied sealant to any gaps at base of wall, provide sw skirting to approval. OR use min 75 x 50 studding with single layer of plasterboard and incorporate min 25mm mineral wool quilt, sealant and skirting as before.
- SOLID PARTITION WALLS use concrete block plastered both sides all joints well sealed, min mass per unit area excluding finish to be 120 Kg/m sq. Use lightweight concrete block Thermalite or similar, applies to all walls between bedrooms or a room containing a WC and any other room, eg WC / kitchen, WC / dining, WC / bedroom.
- Use double joist under stud walls generally.

FIRST FLOOR TIMBER FLOORS

100mm min' mineral wool quilt insulation between joist.
Provide joist strutting at mid span if spans are 2.5M - 4.5M
over 4.5 provide at one third locations.

FLOORS CONCRETE

- 100mm concrete slab
- on 1200 visqueen dpm lapped onto dpc.
- on 50mm 'floormate 200' rigid insulation or 100mm extruded polystyrene.
- on sand blinded hardcore min 100mm
- Provide 20mm polystyrene edge insulation.

ROOF

- Roof trusses designed and braced to BS 5268 part 111 1985.
- 50 x 25 treated timber battens on BS type 1F reinforced bitumen roofing felt
- Galvanised steel lateral gable restraint straps at rafter and ceiling level.
- Rafter level straps to be fixed beneath the rafters and built into walls.
- (30mm x 5mm straps over min 3 members at min 1200mm centres)
- Use Glidevale vents to eaves or other approved.
- Use Glidevale rafter tray / vent as above.
- Use 250mm (total thickness) fibre glass insulation quilt to roof laid in both directions.
- Wall plates to be tied down with galvanised metal straps built into wall at max 2.0m centres.

WINDOWS / DOORS

- Ventilation to equal 1/20th of floor area.
- Opening lights shown thus.
- Provide trickle vents to habitable rooms min 8000sq mm.
- Opening lights to have some part at or above 1750mm from floor level.
- 6mm laminated or toughened glass to doors if glazed.
- Laminated or toughened glass to be used in any adjacent panel to a door up to 1500mm high above FFL. Also any glazed panel within 800mm of floor (min 6mm)
- Use double glazed units in Pilkington K glass with 16mm min air space.
- Provide emergency egress windows to all new first floor windows. Windows to provide 0.33m Sq min clear escape width with min height & width of at least 450mm. Bottom of opening no more than 1100mm above floor level and no less than 800mm.

FIRE SAFETY

- Smoke detection electrically wired to ground / first floor linked together to operate simultaneously, can be powered via lighting circuit provided they have battery back up.
- Provide min 1/2 hr fire protection to steel beams under first floor. (13mm float and set on 12mm plasterboard on sw noggings)

DRAINAGE

- Any drain to be built over should be reinforced if it consists of material other than flexible plastic or flexible jointed pipes.
- Drains passing through walls should be lintelled over and cement fibre sheet collars provided either side of wall to prevent vermin entry.

WASTE PIPES

- Provide deep seal traps to sink / bath / shower waste.
- 32mm waste to lav basins, 38 waste to sink / bath / shower.
- Soil vent pipe to be min 900mm above adjacent window.

GENERAL VENTILATION

- Ventilation to KITCHEN
  Trickle vent min 4000 Sq & extract fan at rate of 30 Litres/sec adjacent hob. or 60 Litres/sec elsewhere.
- Ventilation to UTILITY room.
  Trickle vent min 4000 Sq & extract fan at rate of 30 Litres/sec.
- Ventilation to BATHROOM/SHOWER
  Trickle vent min 4000mm Sq & extract fan at rate of 15 Litres/second.
- Sanitary Accommodation.
  1/20th of floor area or mechanical extract at 6 Litres/sec. Plus trickle vent min 4000 Sq.

General Notes

GC to make safe provision for off loading trusses and for lifting into place.

GC to make safe provision for off loading steel beams and for lifting into place.

GC to provide safe working platforms for each stage of work.

GC to ensure site is kept clean and clear of obstructions at all times.

Extend heating system into new areas.

All work to be to the satisfaction of the LA.

Use reclaimed materials to match existing where possible.

3200708 62P

Proposed Extensions at 2 Wood End Cottage, Dunsop Bridge. July 06. Scale 1-100. 1- 50. 1-200