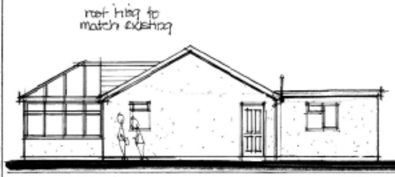
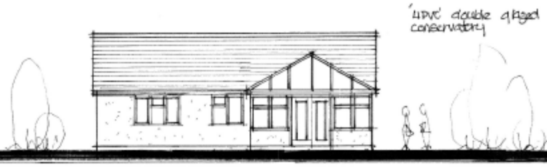
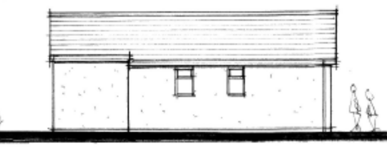


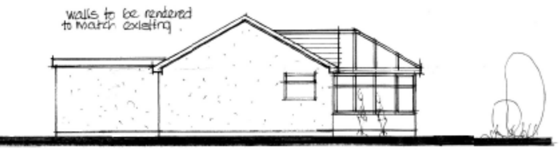
rear elevation



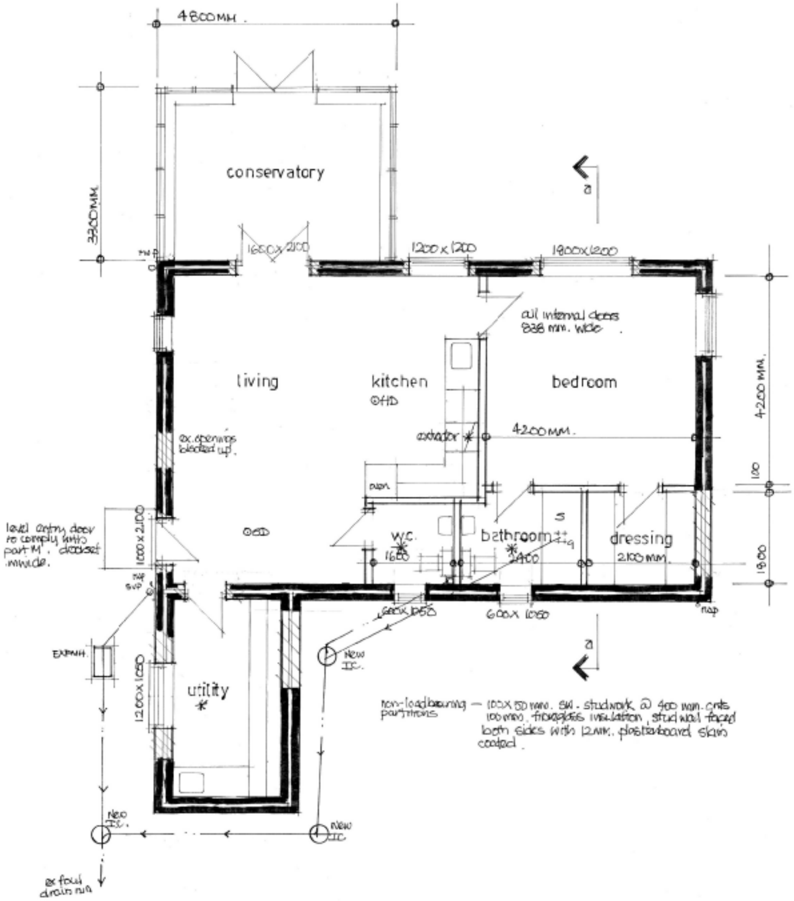
side elevation



side elevation

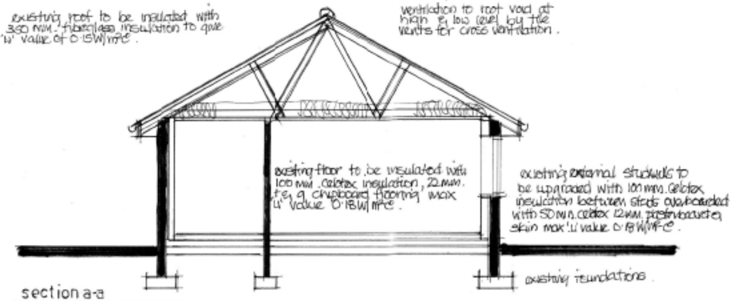


front elevation



non-loadbearing partitions — 100x50 mm. sw. studwork @ 400 mm. crts 100 mm. fibreglass insulation, stud wall faced both sides with 12 mm. plasterboard skim coated.

groundfloor plan


existing roof to be insulated with 300 MM. fibreglass insulation to give 'U' value of 0.15W/m²C.
ventilation to roof void at high & low level by tile vents for cross ventilation.
existing floor to be insulated with 100 MM. Celotex insulation, 22 MM. t&g chipboard flooring max 'U' value 0.18W/m²C.
existing external studwalls to be upgraded with 100 mm. Celotex insulation between studs overboarded with 50 mm. celotex 12 mm. plasterboard skin max 'U' value 0.18W/m²C.
existing foundations.

section a-a

Electrical — All electrical work to be carried out by a competent person, designed installed & tested certificate of compliance produced on completion to BS 7671 2018 Part B
All sockets & switches sited between 450 & 1200 mm. of finished floor level.
All new light fittings to be low energy type.

SD ◎ Detectors — All smoke & heat detectors to be mains operated
HD ● with battery back all units interconnected to BS 5839 part 6 2004

✳ Mechanical Extraction — cooker hood extraction to kitchen min extraction rate 30 litres/sec, ceiling fans to bathrooms min. extraction rate 15 litres/sec linked to light switch with 15 min overrun.

Bathroom Drainage — 50 mm dia pvc waste to bath, showers & kitchen sinks, 38 MM. dia pvc waste to handbasins all with 75 mm. deep seal traps to discharge into 100 mm. dia pvc soil & vent pipe all to BS 5255 8204.

Below ground drainage — 100 MM. dia. pvc foul drains encased in 150 mm. pea shingle min fall 1:40 concrete lintels over where drains pass through walls all to BS 8301.

Heating — Electric powered combination boiler for space heating & hot water needs, separate zone controls thermostatic radiator valves, gas certificate provided on completion All to BS 5258.

Stormwater Drainage — To discharge into existing stormwater system or 100 mm. dia pvc stormwater drain to discharge into soakaways min 5m from any buildings, min. size of soakaway 1m³ subject to percolation test.

Windows & doors — double glazed windows catnic cougar lintels over all openings insulated dpc to jambs opening lights equal to 1/20th floor area trickle vent to head equal to 8000 mm² habitable rooms means of escape windows min clear opening size 450 x 750 mm. max 'U' value 1.2 W/m²C.

Drawing title

Proposed floor plans and elevations
Proposed conversion from pottery
studio to 1 bedroom bungalow at
Allington Manor, Allington Lane,
West End, Hants. SO50 7DE.

Scale
1:50 1:100 @ A1.

Date
November 23
[redacted]

Drawing no.
A.L.02.
Rev.