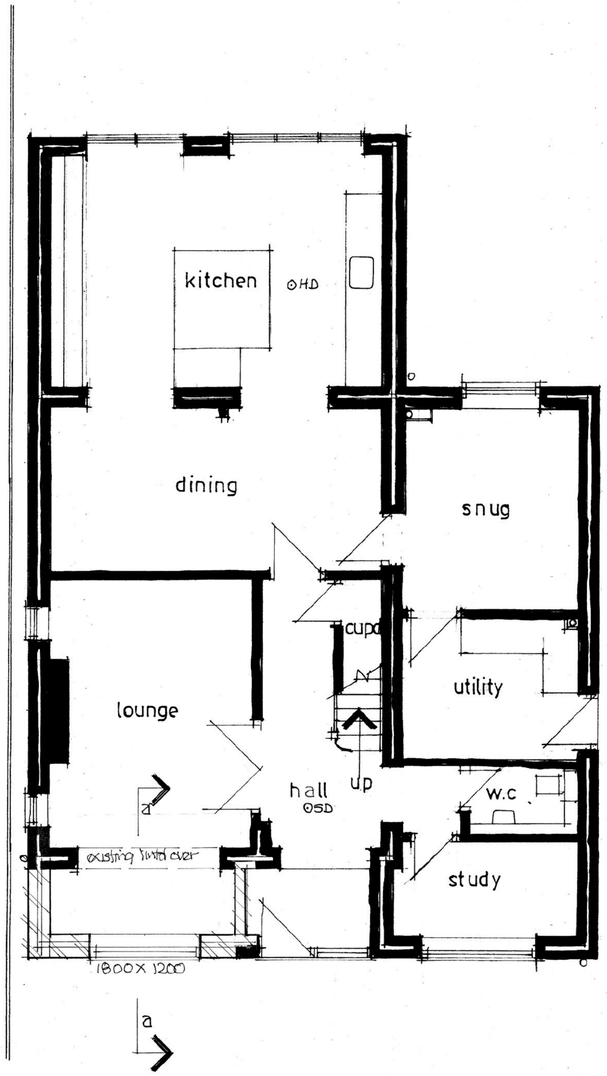
side elevation

front elevation

side elevation

0m 1 2 3 4 5M

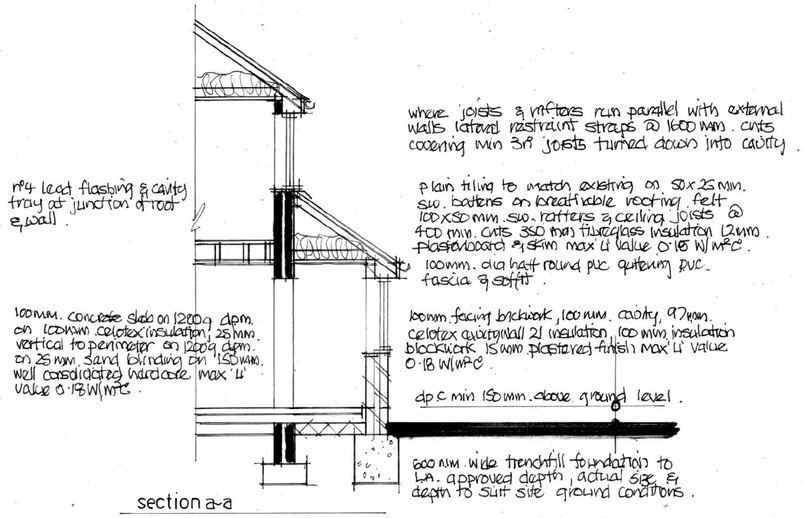
scale bar 1:100



groundfloor plan

0M 1 2 3 4 5M

scale bar 1:50



rpc lead flashing & cavity tray at junction of roof & wall.

100mm. concrete slab on 1200g dpm. on 100mm celotex insulation, 25mm. vertical to perimeter on 1200g dpm. on 25mm. sand blinding on 150mm. well consolidated hardcore max 'U' value 0.13 W/m²C.

where joists & rafters run parallel with external walls lateral restraint straps @ 1600 mm. ends covering min 3/4 joists turned down into cavity.

plain tiling to match existing on 50 x 25 mm. sup. battens on breathable roofing felt 100 x 50 mm. sup. rafters & ceiling joists @ 400 mm. cntrs 350 mm fibreglass insulation 12mm. plasterboard & skim max 'U' value 0.16 W/m²C.

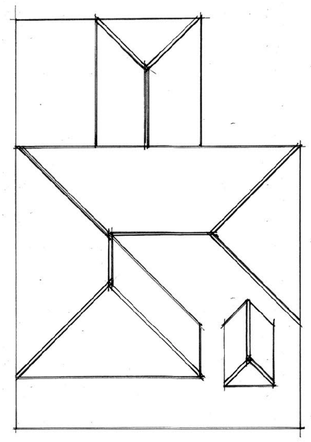
100mm. dia half round pvc guttering pvc. fascia & soffit.

100mm facing brickwork, 100 mm. cavity, 97mm. celotex quintonwall 2U insulation, 100 mm insulation blockwork. 15mm plastered finish max 'U' value 0.18 W/m²C.

dpc min 150 mm. above ground level.

600 mm. wide trenchfill foundation to L.A. approved depth, actual size & depth to suit site ground conditions.

section a-a



roof plan

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 18
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, shower & 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 part 4.

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

Heating – Gas fired Boiler SUDEUK rating 'A', existing for supply of 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 cottric cougar, lintols over all openings insulated dpc. to jambs opening lights equal to 1/20th floor area trickle vent to habitable 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 plan and elevations.
Proposed front extension at 8
Hemdean Gardens, West End,
Hants. SO30 3BB.

Scale

1:50 1:100 @ A1.

Date

April 24

[redacted]

Drawing no.

H.G.02.