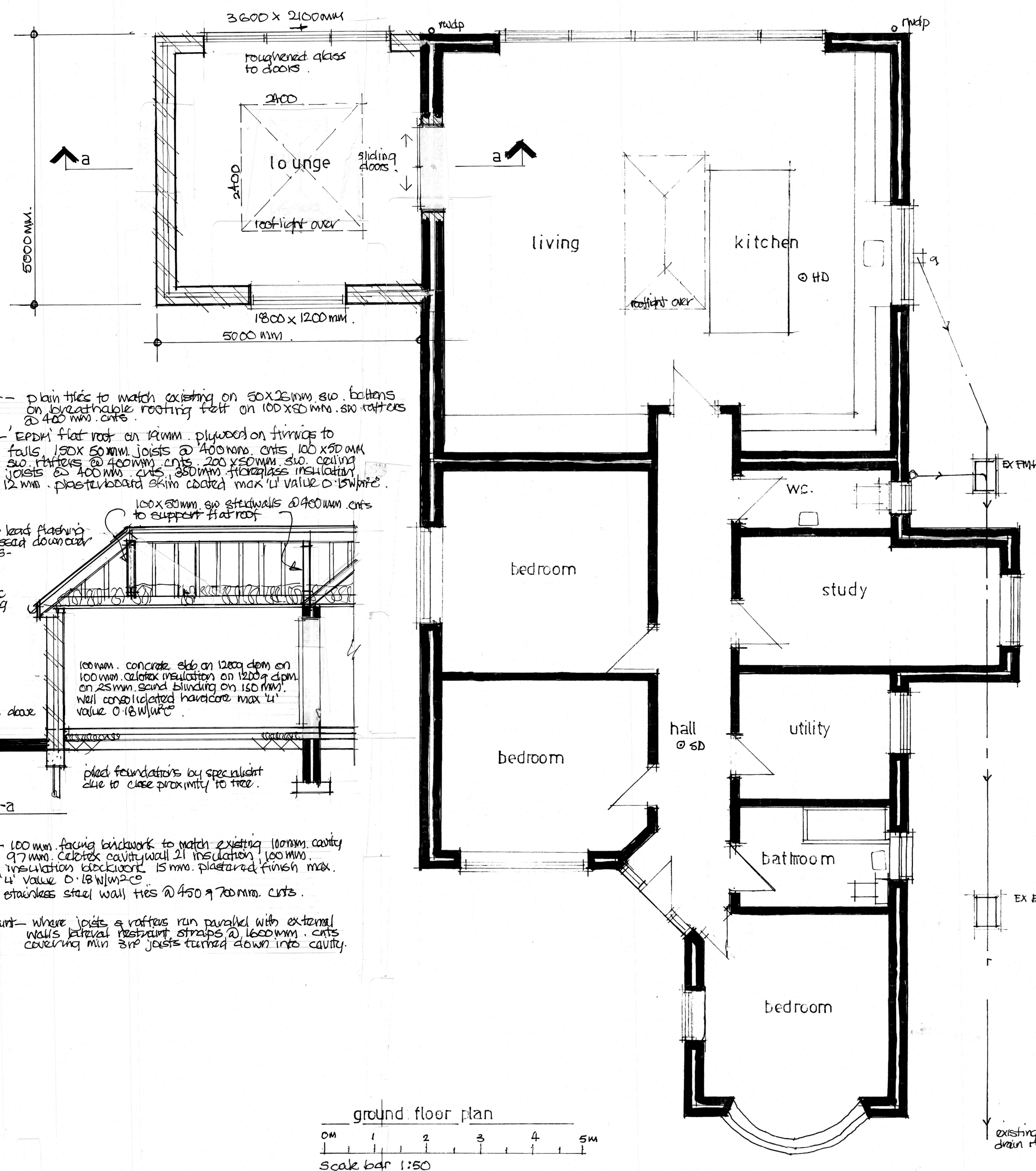
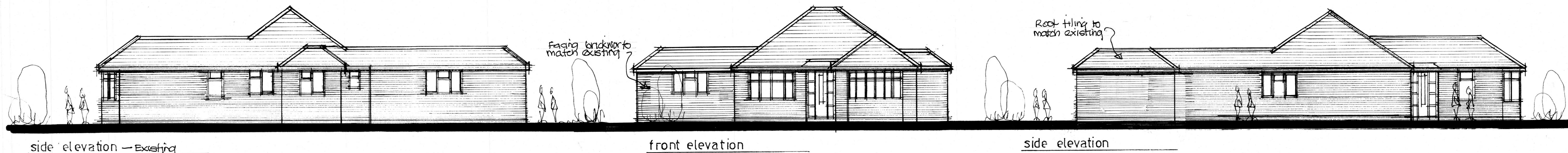




tiled roof - plain tiles to match existing on 50x25mm s/w battens on breathable roofing felt on 100x50mm s/w rafters @ 400mm c/c.

Flat roof - EPDM flat roof on 12mm plywood on timbers to falls, 150x50mm joists @ 400mm c/c, 100x50mm s/w rafters @ 400mm c/c, 200x50mm s/w ceiling joists @ 400mm c/c, 80mm fibreglass insulation, 12mm plasterboard skim coated max 'u' value 0.15 W/m².

100x80mm s/w steel joists @ 400mm c/c to support flat roof.

IP4 lead flashing dressed down over tiles.

100mm dia pvc around guttering pvc fascia.

dpc min 150mm above ground level.

100mm concrete slab on 1200 dpm on 100mm Celotex insulation on 1200 dpm on 25mm sand blinding on 150mm well consolidated hardcore max 'u' value 0.18 W/m².

placed foundations by specialist due to close proximity to tree.

section a-a

cavity wall - 100mm facing brickwork to match existing 100mm cavity 97mm Celotex cavity wall 21 insulation 100mm insulation blockwork 15mm plastered finish max 'u' value 0.18 W/m². stainless steel wall ties @ 450 & 700mm c/c.

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

ground floor plan
0m 1 2 3 4 5m
Scale bar 1:50



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

SD @ Detectors - All smoke & heat detectors to be mains operated with battery back all units interconnected to BS 5824 part 6 2004.

* Mechanical - 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 15min overrun.

Bathroom - 50mm dia pvc waste to bath, showers & kitchen sinks, 38mm dia pvc waste to handbasins all with 75mm deep seal traps to discharge into 100mm dia pvc soil & vent pipe all to BS 5255 Part 4.

Below ground - 100mm dia pvc foul drains encased in 150mm part shingle min fall 1:40 concrete lintols over where drains pass through walls all to BS 5255.

Heating - Gas fired Boker SUDBUK radiator A, for supply of space heating & hot water needs, separate zone controls thermostatic radiator valves, 300 certificate provided on completion all to BS 5255.

stormwater - To discharge into existing stormwater system or 100mm 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 acrylic coated, lintols over all openings insulated dpc to jambs opening lights equal to 120th floor area trickle vent to bed equal to 800mm habitable rooms measure of escape windows min clear opening size 450 x 250mm, max 'u' value 1.2 W/m². Glazing in critical areas to app doc. K to be safety/toughened glass in accordance with BS EN 12600 or BS 6266 (ref A).

A) clients Amendments

14-J-25.

Drawing title

Proposed floor and elevations.
Proposed side extension at 10 Oakwood
Road, Chandlers Ford, Hants. SO53 1LW.

Scale

1:50 1:100 @ A1

Date

July 25

Drawn by
David Winkler

Drawing no.

Oak. 02.

Rev

A