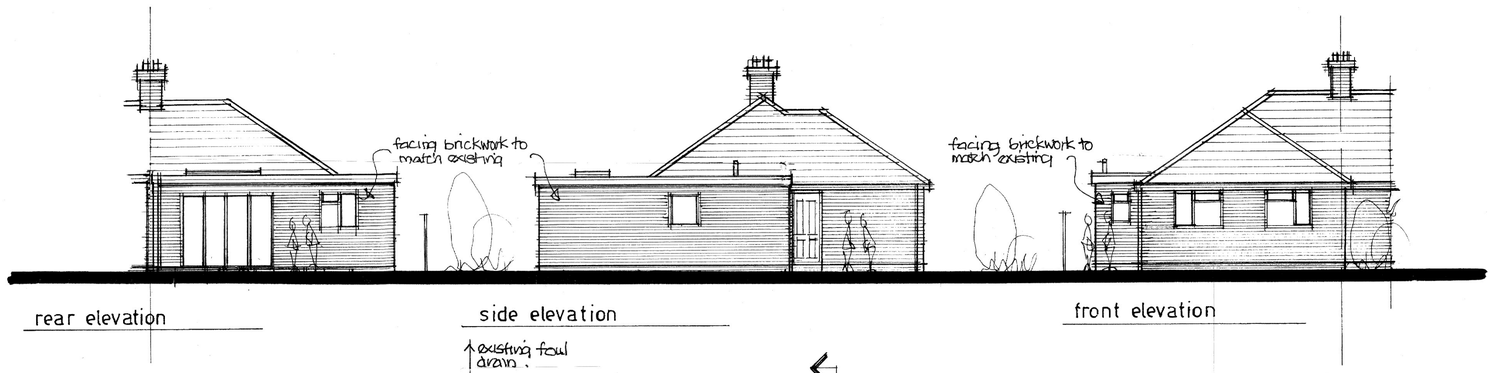
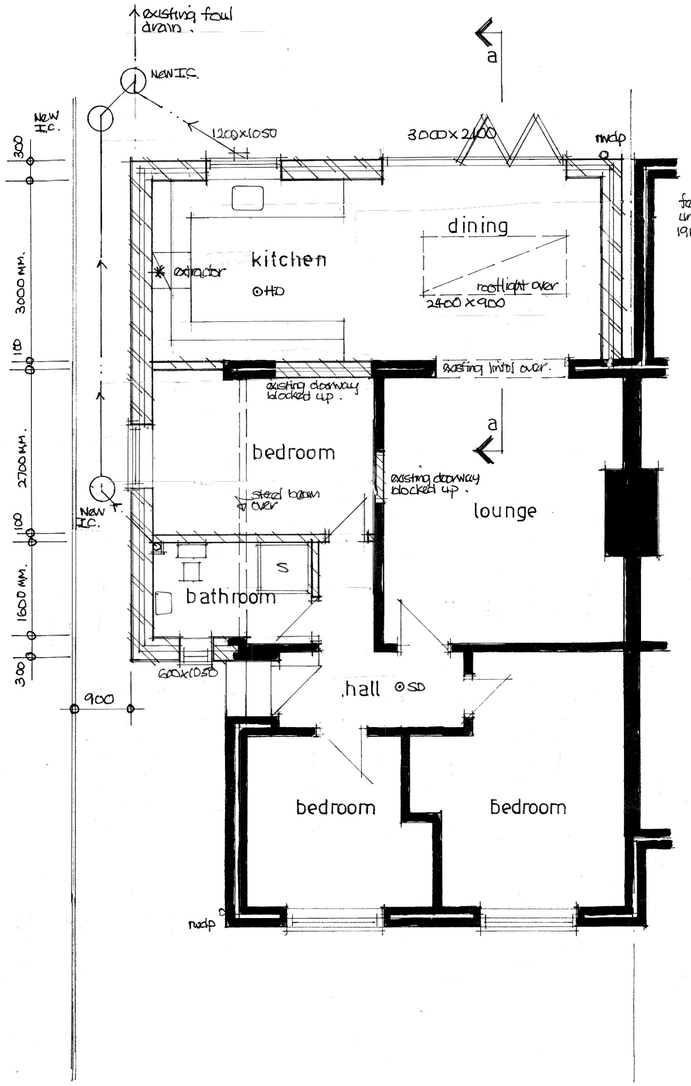



rear elevation

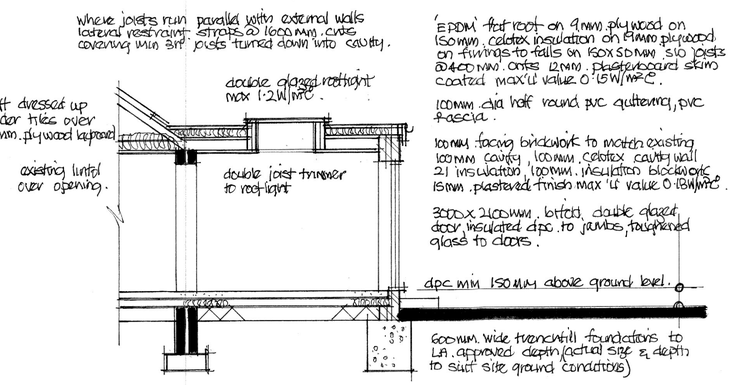
side elevation

front elevation




steel beams @ max centres in. 25 mm. plasterboard skins coated to give 1hrs fire protection.

groundfloor plan



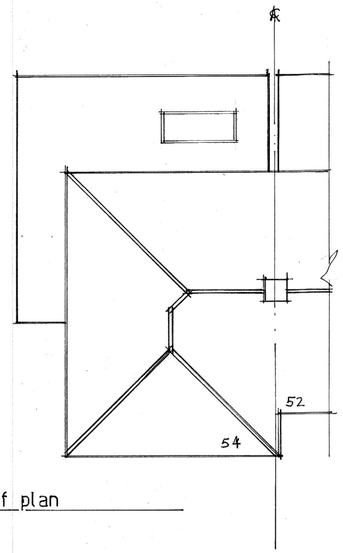

section a-a

'EPDM' flat roof on 9 mm. plywood on 150 mm. celotex insulation on 9mm. plywood on firrings to falls on 150 x 50 mm. S.C.O joists @ 400 mm. centres 12 mm. plasterboard skim coated max'd value 0.15W/m²C.

100 mm. dia half round pvc guttering, pvc fascia.

100 mm. facing brickwork to match existing 100 mm. cavity, 100 mm. celotex cavity wall 2.1 insulation, 100 mm. insulation blockwork 15 mm. plastered finish max 'd' value 0.18W/m²C.

3000 x 2400 mm. bifold, double glazed door, insulated dpc. to jambs, toughened glass to doors.




roof plan

Electricals – 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 with battery back all units interconnected to BS 5839 part 6 2004.
HD ⊛

* 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 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', 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 centric casper 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 require of escape windows min clear opening size 450 x 750 mm. max 'd' value 1.2 W/m²C.

Drawing title
Proposed floor plan and elevations.
Proposed rear extension at 54 Chapel Road, West End, Hants. SO30 3GH.

scale
1:50 1:100 @ A1.

Date
November 22

Drawn by
David Winder.

Drawing n°.
CR2-02

Rev.