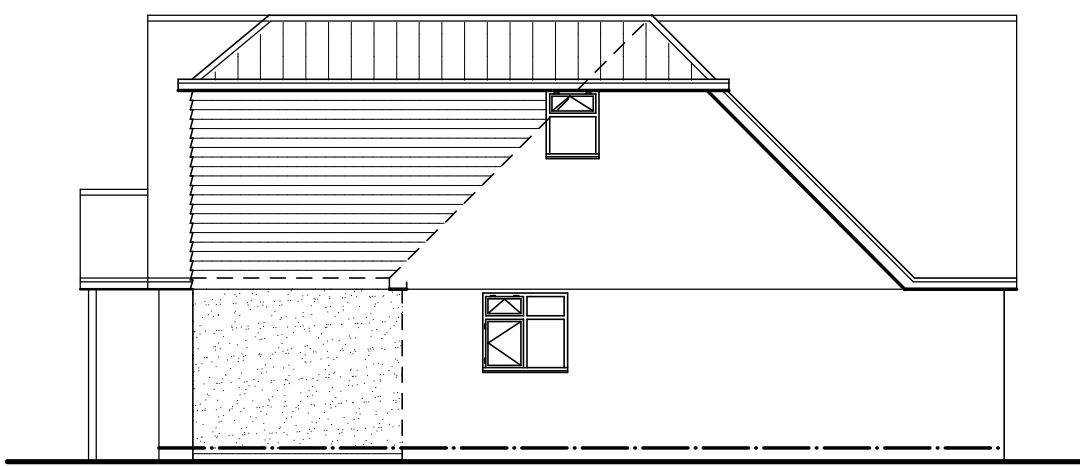


PROPOSED ELEVATIONS



NW ELEVATION

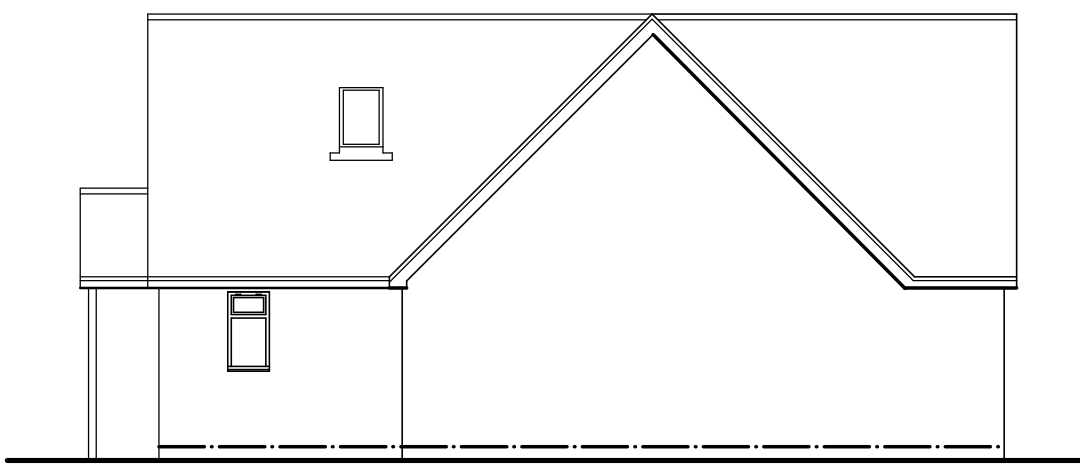


SW ELEVATION

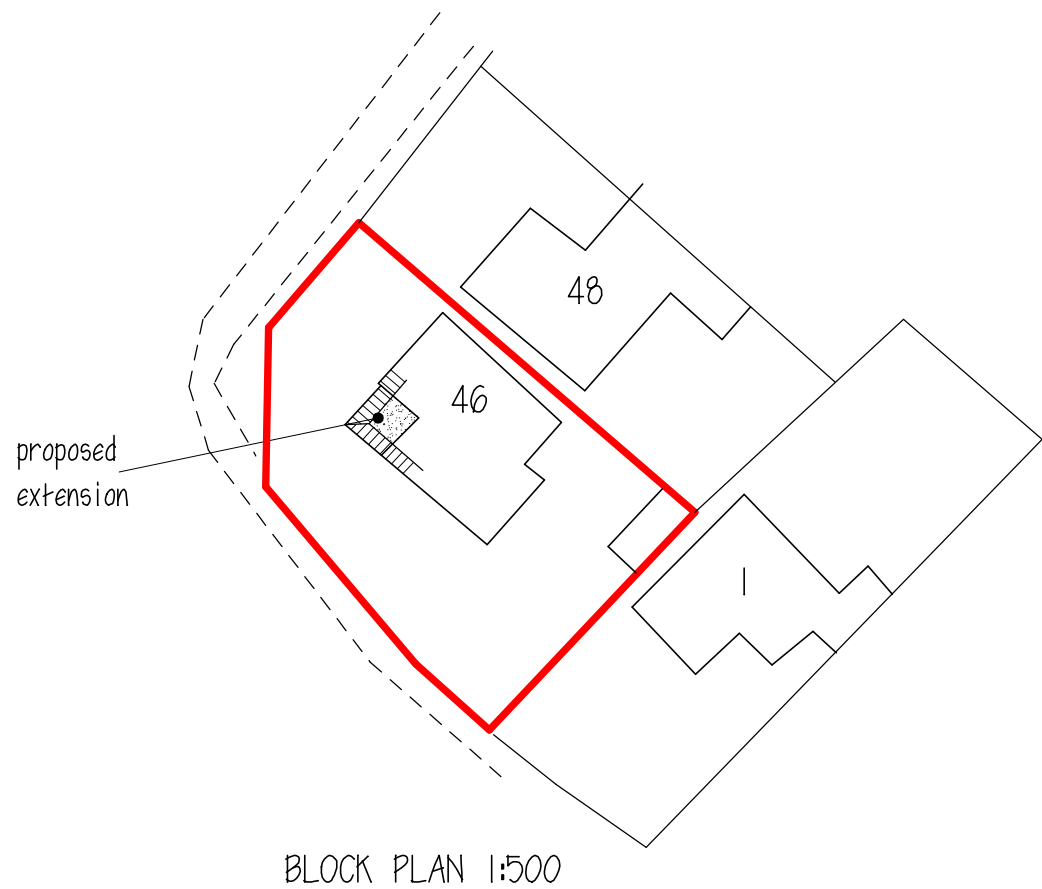
EXISTING ELEVATIONS



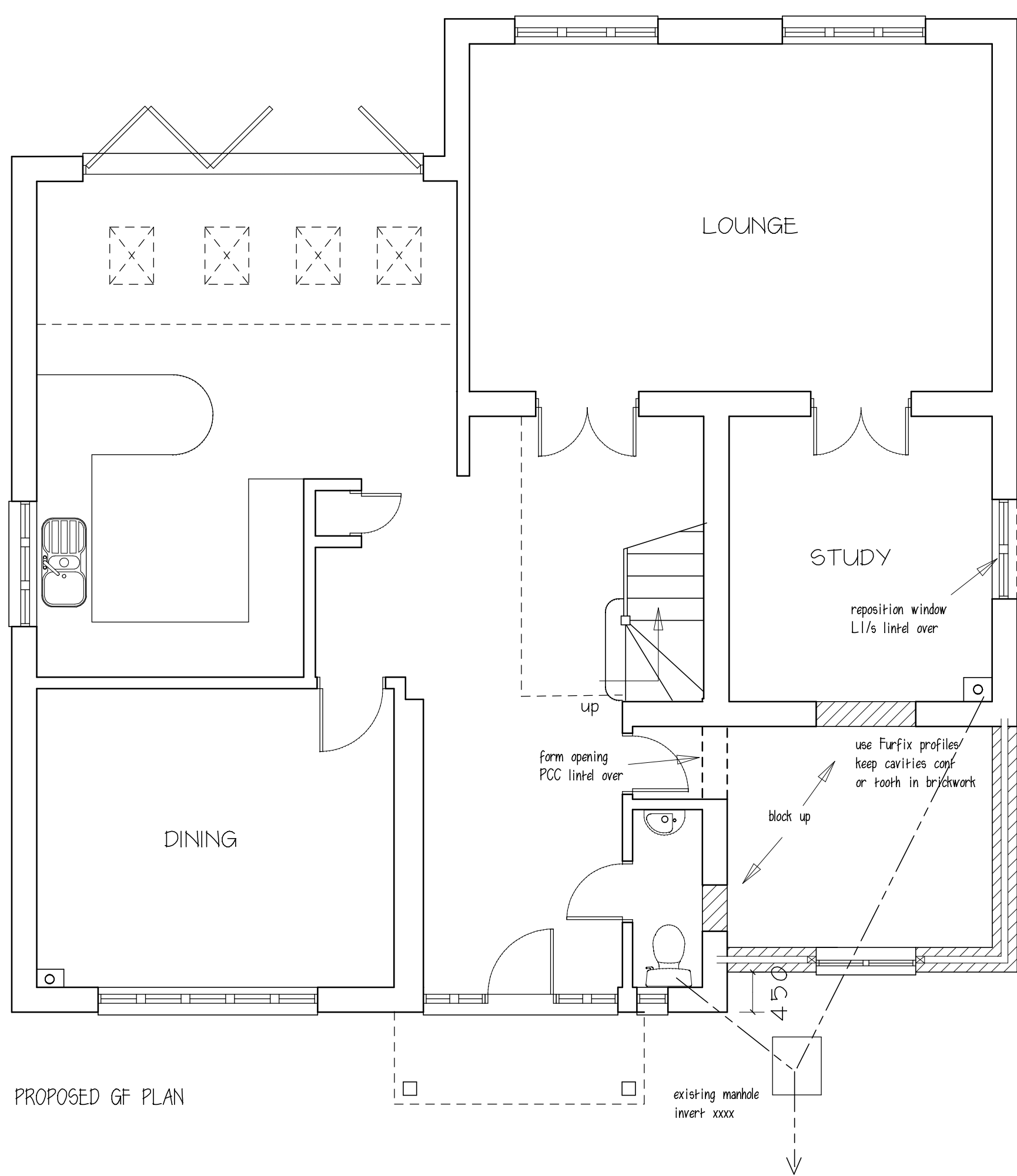
NW ELEVATION



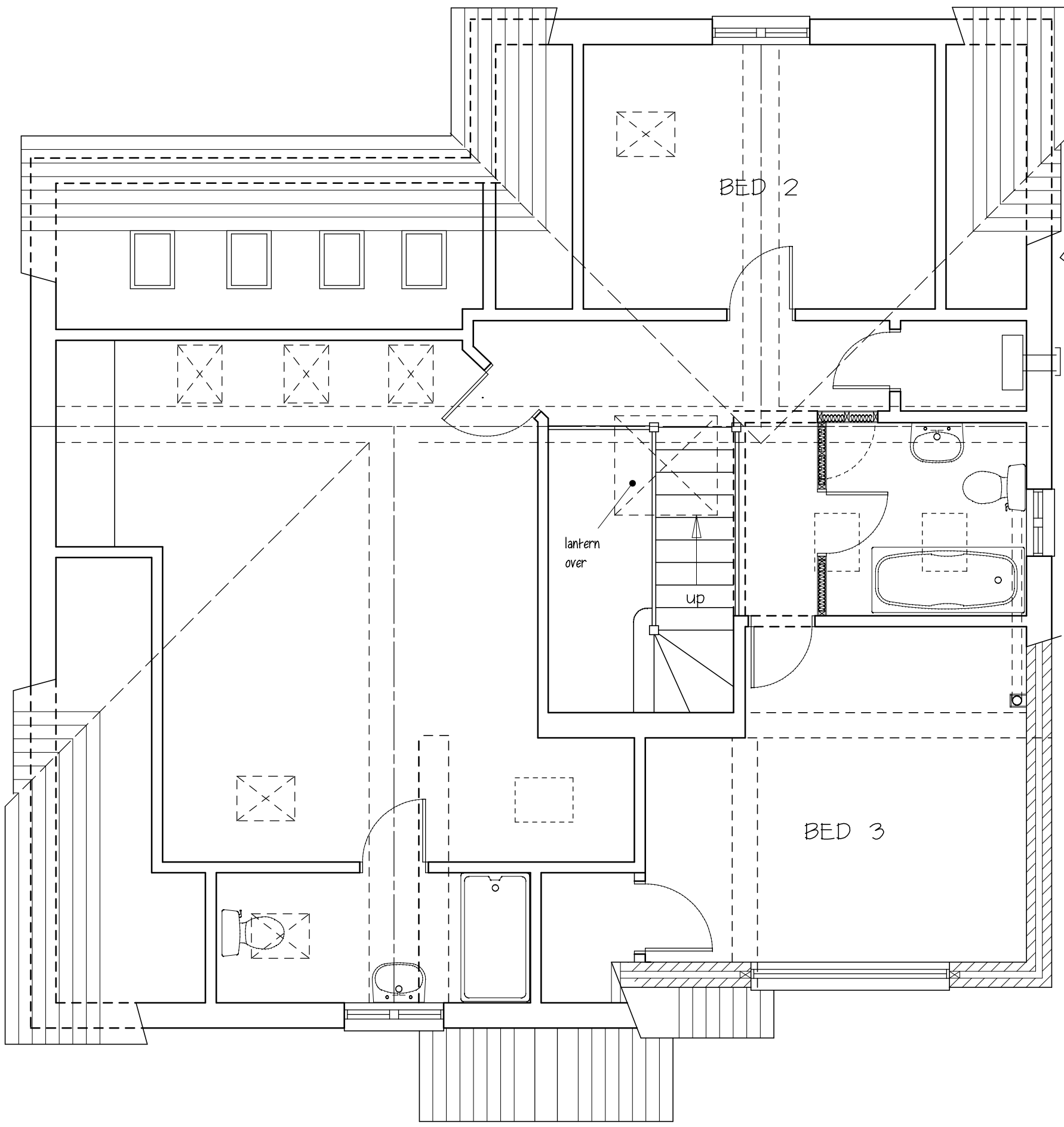
SW ELEVATION



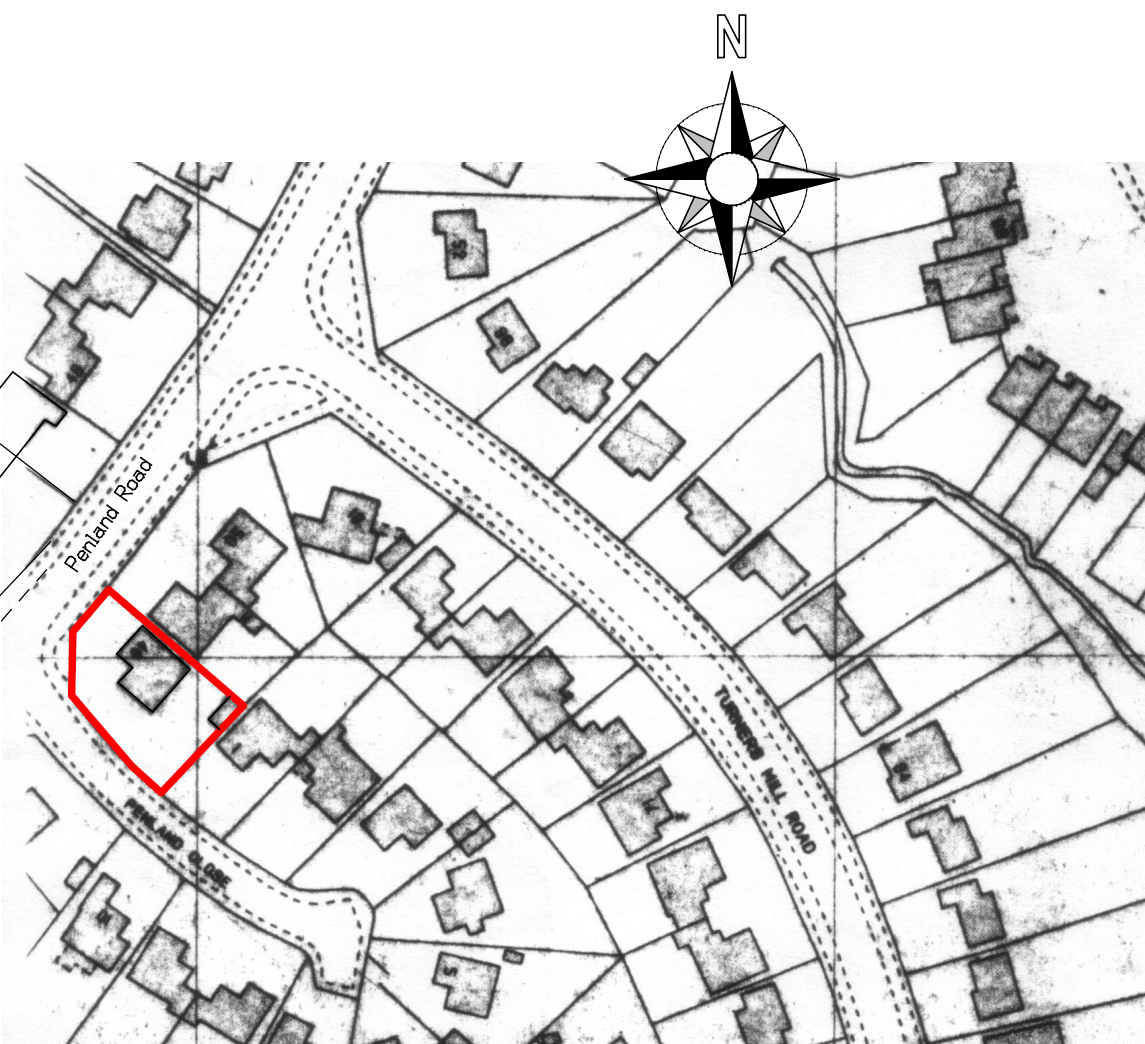
BLOCK PLAN 1:500



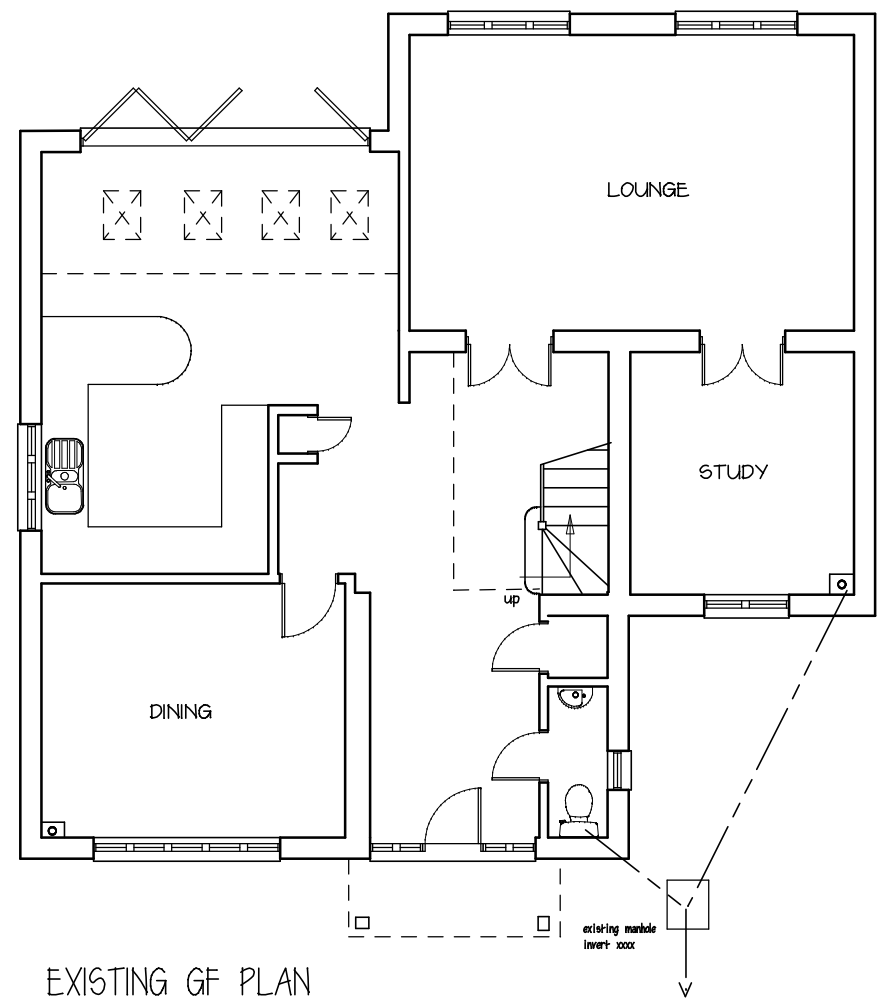
PROPOSED GF PLAN



PROPOSED FF PLAN



LOCATION PLAN 1:1250



EXISTING GF PLAN

NOTES

All workmanship and materials to comply with The Building Regulations 1991. All timber to be treated C16 grade unless stated otherwise. DIMENSIONS NOT TO BE SCALED.

FOUNDATIONS: minimum 450x1000 12:4 concrete deep strip. Depth to suit site conditions and proximity of trees and hedges. Existing foundations exposed to check adequacy - if required by Local Authority.

GROUND FLOOR SLAB: 50mm sand/cement screed on 100mm concrete slab on 1200g polythene DPM to lap with DPC on 125mm Celotex insulation on blinding sand on minimum 150mm consolidated hardcore.

EXTERNAL WALLS: outer skin 100mm Thermalite Shield with 12mm sand/cement render to match existing, 100mm Dritherm 'Ultimate' cavity insulation, inner skin 100mm Thermalite Turbo blocks and 35mm laminated plasterboard on dabs. Wall ties to BS1243 spaced 450mm vertically (225 at reveals) and 750mm horizontally. DPC to BS743 minimum 150mm above ground level. 150mm vertical DPC to window and door jambs. Cavity filled with leanmix minimum 225mm below DPC. IG lintels to external openings with 150mm minimum bearings.

1ST FL WALL CONSTRUCTION: plain tiles on 19x38 battens on counter battens on building paper on 12mm external ply on 47x100 studs @ 400 centres with 47x100 head & sole plate with two rows noggins. 100mm Celotex between and 65mm to inside of studs (joints taped) & 12.5 plasterboard.

INTERNAL STUD WALLS: 75x38 studs @ 400 centres with 75x38 head & sole plate and two rows noggins with 50mm Rockwool (10kg/m3) between studs & 9.5mm Gyproc Wallboard TEN and skim each side. Ashlar walls to be 47x100 with 100mm Celotex plus 65mm Celotex to interior - joints taped and 12.5 plasterboard.

WINDOWS & VENTILATION: windows to be double glazed UPVC (low E) with 20mm airgap (1.4W/m2K) and trickle vent (8000mm2). Any glass to doors or windows within 300mm of door or any window within 800mm of floor to have safety glass to BS6206. Provide insulation to reveals & set window back to overlap cavity by 30mm. Any new bath/shower room to have mechanical ventilation (30l/second). If no window fan to be operated by light switch with 15 minute delay.

FIRST FLOOR CONSTRUCTION: 22mm flooring grade chipboard (moisture resistant to wet areas) on 47x200 joists @ 400 centres supported on joist hangers on 12.5 Gyproc Wallboard TEN and skim. 80mm Rockwool insulation between joists. Herringbone struts to be fixed at mid span. Galvanised lateral restraint straps to joists and built into wall @ 2m centres.

PITCHED ROOF: roof tiles to match existing on 25x38 battens on Tyvek SUPRO breathable membrane on 47x100 rafters @ 400 centres, 47x100 ceiling joists on 100x50 wall plate secured with galv.lateral restraint straps @ 1200 centres. 12.5 Duplex plasterboard & skim. 150mm Celotex insulation between joists plus 45mm to underside. Roof insulation to be continuous with wall insulation. Galvanised lateral restraint straps @ 2m centres to span 3 rafters and built into brickwork of gable wall. 25x150 PAR fascia & 6mm WBP ply soffit.

FLAT ROOF: 12mm mineral chippings bonded to 3 layer roofing felt to BS747 on 18mm external ply on 50mm firrings (and 50x50 counter battens if firrings are parallel with joists), minimum fall 1:40. 47x200 joists @ 400 centres on 100x50 wall plate secured with galvanised restraint straps @ 1200 centres. 150mm Celotex insulation between joists & 45mm to underside (joints taped) on 12.5 plasterboard with skimcoat. Roof ventilation as Glidvale Building Products equivalent to 25mm continuous.

DRAINAGE: all new drains to be 100mm Osmedrain laid to 1:40 falls on 100mm shingle. Flexible sleeves with PCC lintels where passing through walls. Manholes to be 225mm engineering bricks on 100mm concrete base or use polypropylene inspection chamber by Osma. Basins to have 32mm waste; sinks, baths and showers to have 40mm. All to have 75mm traps.

RAINWATER: 112mm gutter and 68mm downpipes.

ELECTRICAL: All electrical work to comply with requirements of Part P and must be designed, installed, inspected and tested by an approved contractor. A certificate to BS7671 to be issued. 34 of light fittings to be energy efficient.

HEATING: extend existing system with thermostatic valves.

proposed extension to
46 Penland Road
Haywards Heath

for Mr & Mrs Villiers



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scale	1:50,1:100@A1	drawing no. 072.25.01b
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drawn	PAG	