

SD - Indicates position of smoke detection

All dimensions in metres

External walls to achieve U value of 0.3 W/m²K to be 105mm facing brick, 100mm Plenum or Strathloc block, K value of 0.46, 100mm cavity with 100mm Dulltherm 32 insulation, light weight plaster finish to inner skin. Wall ties to be double triangle or vertical tied to BS 5628. Ties to be at 450mm centres vertically and 750mm centres horizontally. Wall ties to be at each block course and every three brick courses and within 225mm around all openings. Damp proof course to inner and outer leaf to be min 150mm from external ground level. Bonding of existing to new masonry to be achieved by lapping out to keep cavities continuous. Provide thermate cavity closer or insulated dpc at all window and door reveals

Foundation depth to be determined by ground conditions typically 750-800mm on site and to approval of Local Authority Building Control Surveyor. Foundation thickness to be min 150mm and projection to be min 150mm using 300mm thick cavity wall construction. Existing foundations where appropriate to be exposed and inspected by Local Authority Building Control Surveyor to ascertain ability to withstand increased loading.

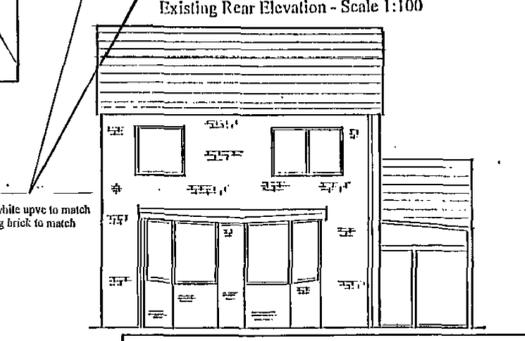
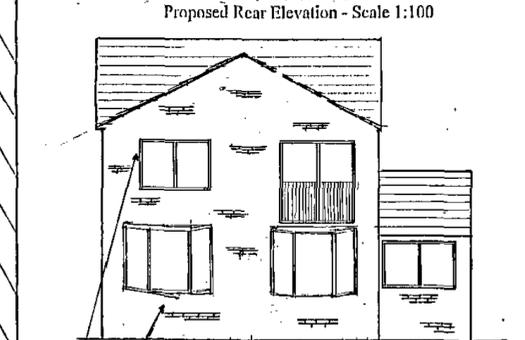
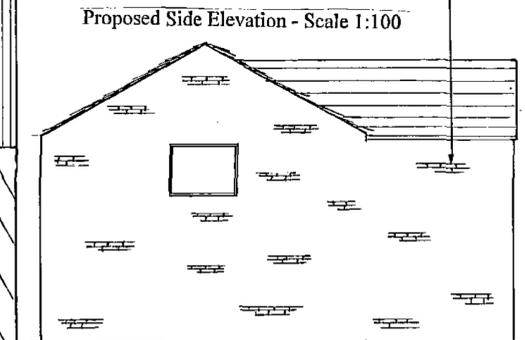
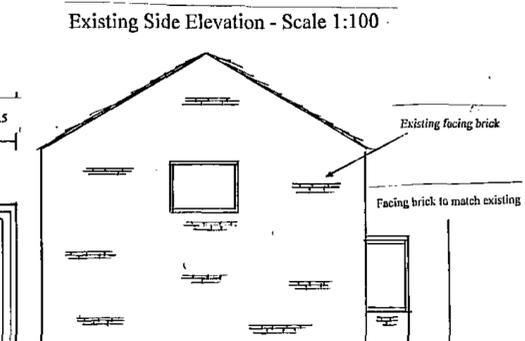
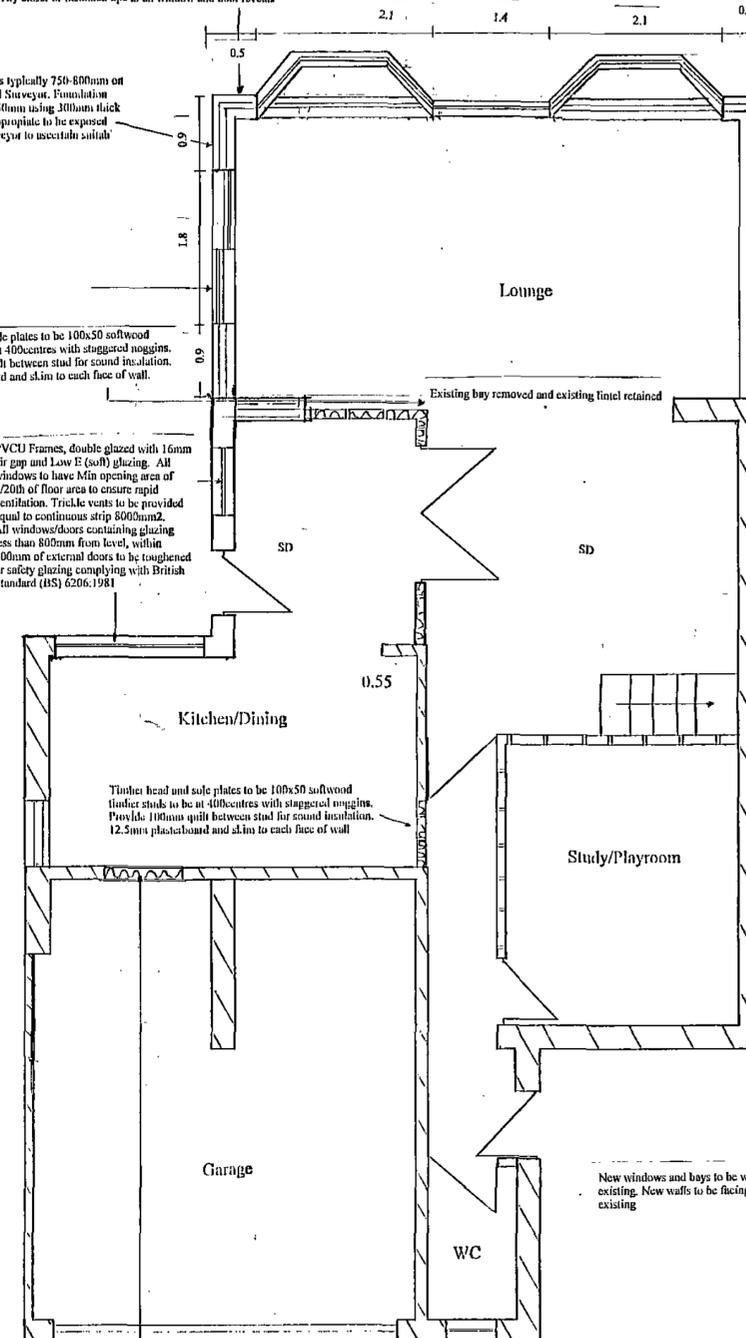
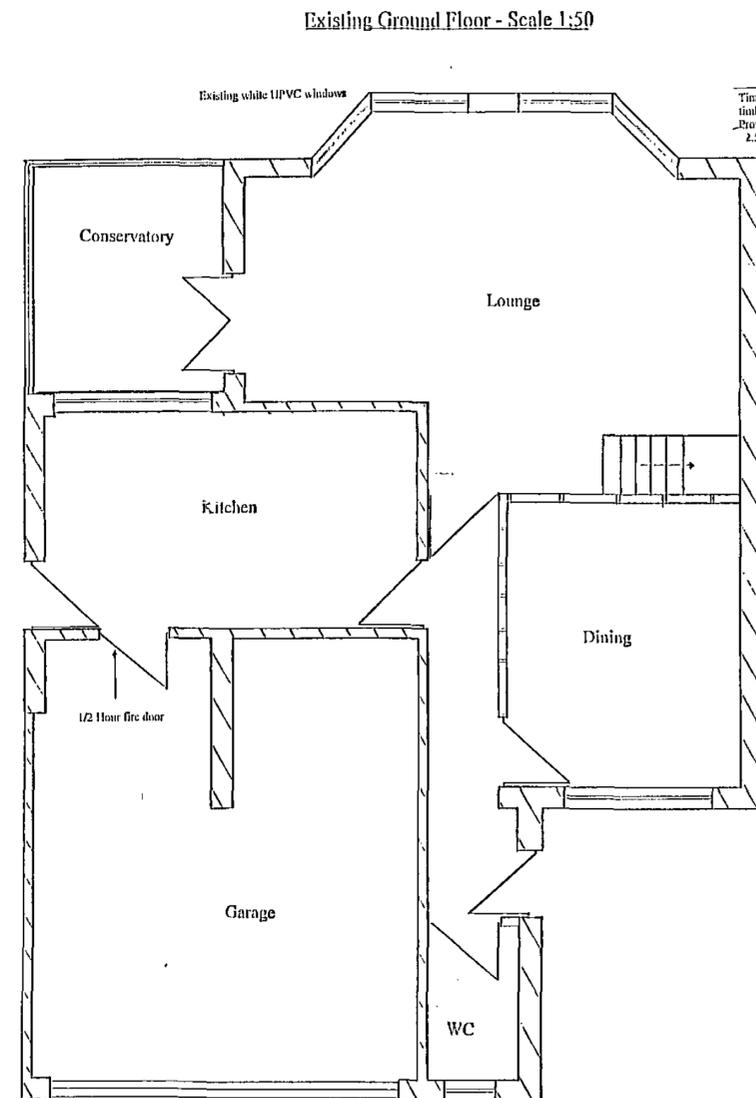
Timber head and sole plates to be 100x50 softwood timber studs to be at 400centres with staggered noggins. Provide 100mm quilt between stud for sound insulation. 2.5mm plasterboard and skim to each face of wall.

PVCU Frames, double glazed with 16mm air gap and Low E (soD) glazing. All windows to have Min opening area of 1/20th of floor area to ensure rapid ventilation. Trickle vents to be provided equal to continuous strip 8000mm². All windows/doors containing glazing less than 800mm from level, within 300mm of external doors to be toughened or safety glazing complying with British Standard (BS) 6206:1981

Timber head and sole plates to be 100x50 softwood timber studs to be at 400centres with staggered noggins. Provide 100mm quilt between stud for sound insulation. 12.5mm plasterboard and skim to each face of wall

New windows and bays to be white upvc to match existing. New walls to be facing brick to match existing

Existing fire door removed and wall made up with timber frame with 12.5mm fire line boards to both faces and skim coat. Alternatively use 100mm blocks with skim finish



Drawing No 1
 Existing/Proposed Ground Floor Plans
 8 Mickleden Way
 Existing Ground Floor - Scale 1:50
 Proposed Ground Floor - Scale 1:50