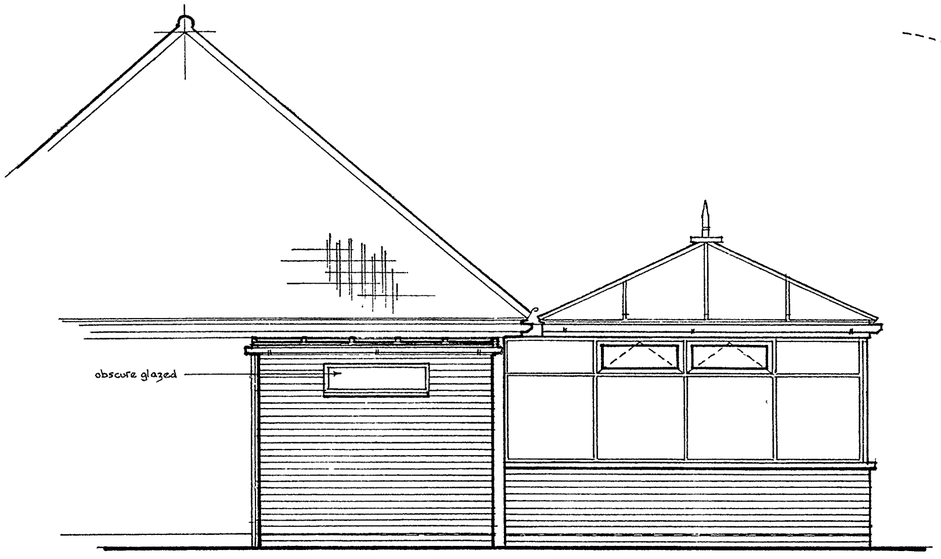
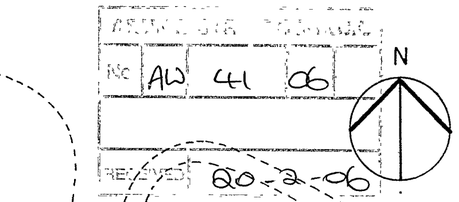


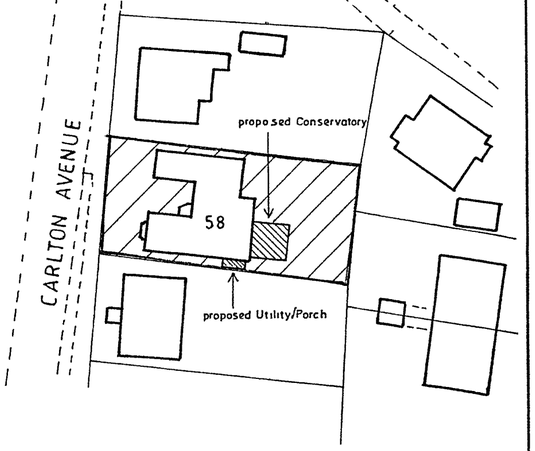
VERTICAL SECTION

EAST ELEVATION — AS PROPOSED 1:50

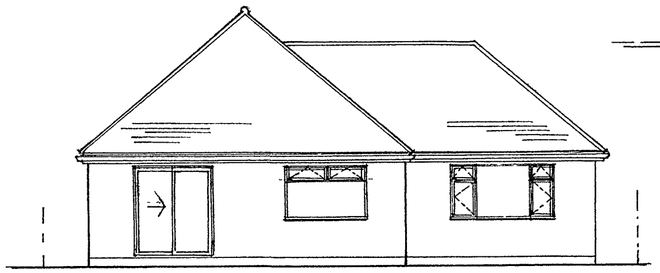


PART SOUTH ELEVATION — AS PROPOSED 1:50

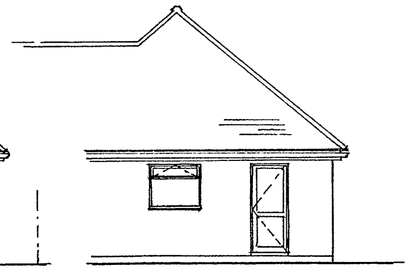




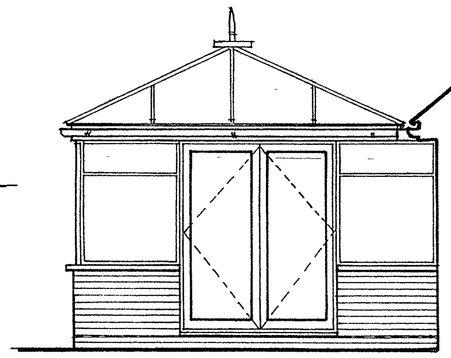
BLOCK PLAN 1:500



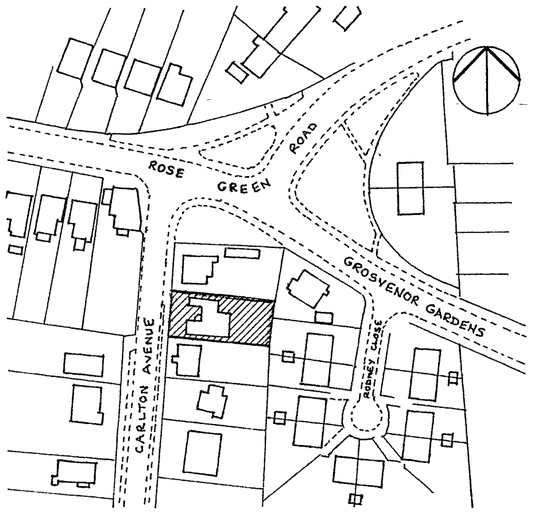
EAST ELEVATION — AS EXISTING 1:100



SOUTH ELEV — AS EXTG 1·100



NORTH ELEV — AS PROPOSED 1:50



LOCATION PLAN 1·1250

PART FLOOR PLAN — AS PROPOSED 1:50

CONSERVATORY

ROOF: 'Ultraframe PLC' conservatory roof system, rigid, lightweight, structural aluminium clad with white PVCu cappings and profiles, prefabricated at factory, Victorian style, 25 thickness polycarbonate roof panels heatgaurd/opal, high security trickle ventilation system • Box gutter at abutment to existing bungalow fascia • Rainwater via integral guttering and RWP to new soakaway situated a min of 5000 from building via 100ϕ pipework (1 in 40 fall) to soakaway 1·5^{cm} capacity.

WINDOWS/DOORS: White PVCu aluminium reinforced all double glazed (24 ⅝a units) 'Pilkingtons K' glass, all doors and sidelights and any glazing coming below 800 up from ffl to be toughened glass kitemarked BS6206 • White PVCu windowboards.

DWARF WALLS: Cavity wall U-value W/m²K 0·35 - outer skin facing brickwork (to match existing) - 65 cavity infilled as built with 65 'Crown Dritherm' batts - Inner skin 100 'Thermalite Shield' blockwork - 16 'Gypsum' two coat plaster internal finish • Skins tied together with stainless steel ties • 'Catnic Procon 250' wall connectors • DPC 'Hyload' pitch polymer to BS743.

FLOOR: Floor U-value W/m²K 0·25 - Minimum 65 screed (1:3 mix) - 100 concrete floor slab (grade 20) - 500 gauge 'Visqueen' polythene vapour barrier - 60 'Celotex tuff R 3ero GA3000Z' flooring grade insulation slabs, laid on DPM and taken up perimiter walls to DPC level - 1200 gauge 'Visqueen' polythene DPM (lapped and taped) taken up perimiter walls and linked with DPC to create a continuous barrier - Sand blinding on min 150 consolidated hardcore.

SUBSTRUCTURE/FOUNDATIONS: Brick cavity wall from footings to DPC level with outer skin facing brickwork • Weak mix concrete cavity fill to ground level • Trench fill Foundations 850d x 460w concrete (grade 20) at a min depth of 1000, subject to Building Inspectors on site approval.

UTILITY/PORCH

ROOF: 'Ultraframe PLC - Ultralite 500' lean-to roof system, aluminium box section glazing bars, white PVCu cappings and profiles, 60 thickness opaque PVC glazed panels • Patented ventilated wall plate • Pitch 2½ degrees.

WALLS: Single skin facing brickwork (to match exstg) - 3 coats 'Synthaprufe' to form vertical DPC - 50x25 'treated' timber battens infilled with 25 'Celotex tuff R' insulation slab - 12·5 plasterboard and skim internal finish.

WINDOW/DOOR/FLOOR/FOUNDATIONS: All as per Conservatory

project

Proposed Conservatory and Utility/Porch
58 Carlton Avenue, Rose Green
Bognor Regis, West Sussex,
for: Mr and Mrs R. Price

date	drawing no
February 2006	CLC/002
scale: 1:1250, 1 500, 1:100, 1·50	revision suffix