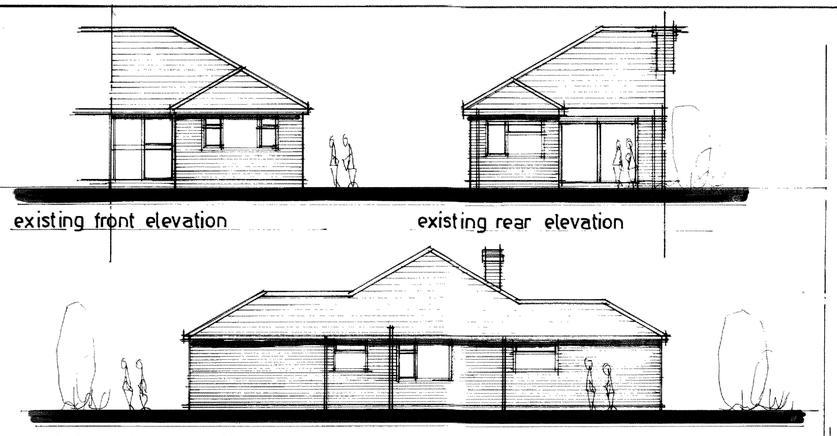
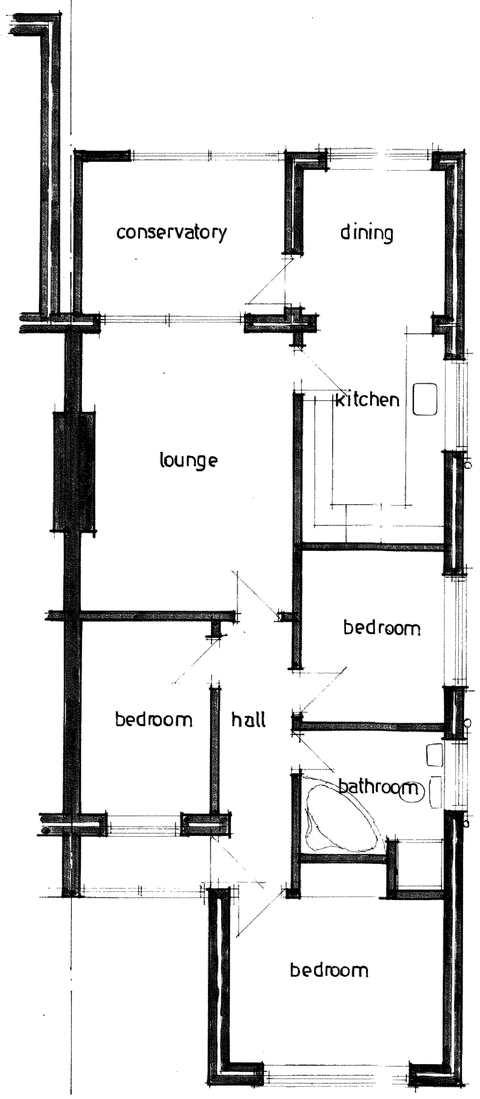
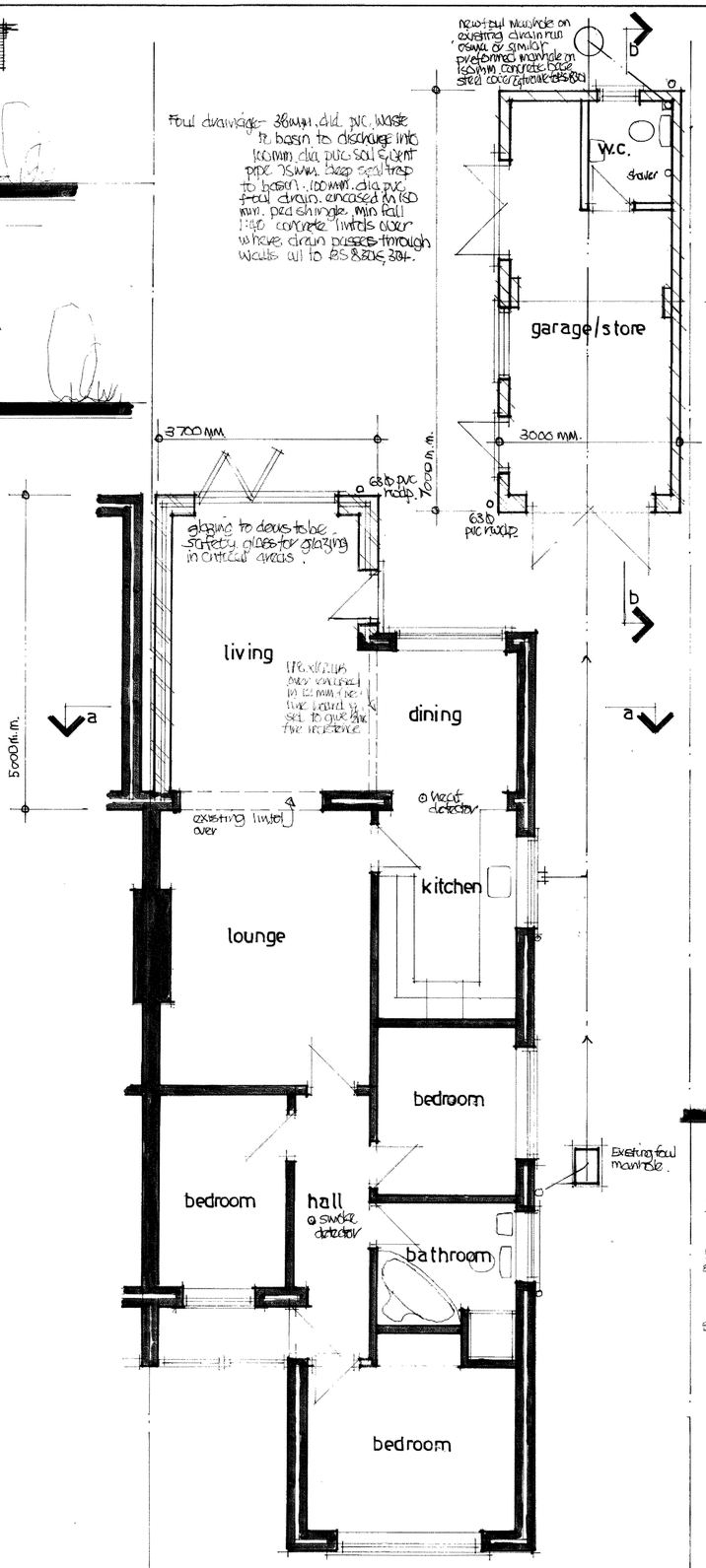
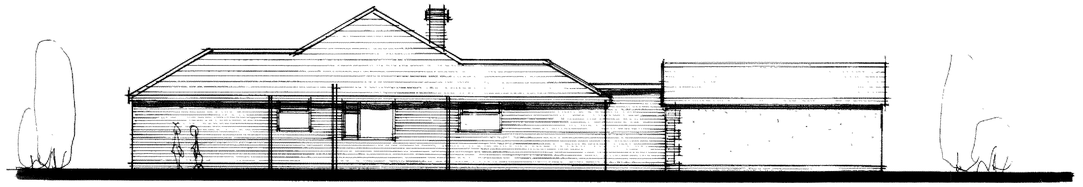


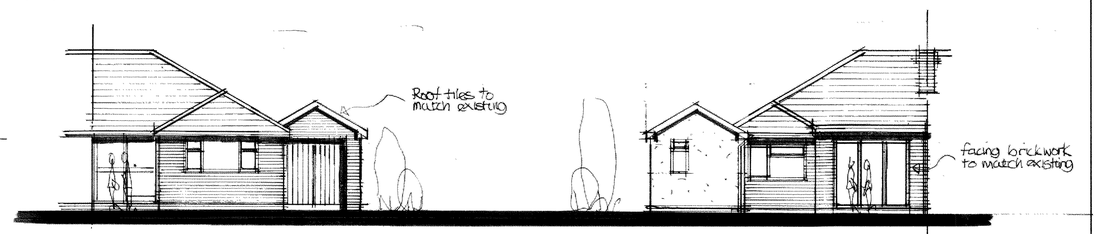


existing groundfloor plan



proposed groundfloor plan





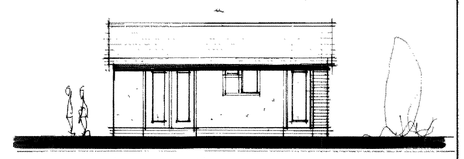
Electrical - All electrical work to be designed installed & tested by a competent person certificate of compliance produced on completion. All sockets & switches sited between 450 & 1200 mm. of F.F.L. All new light fittings low energy type.

Boiler - existing gas fired boiler to provide hot water & space heating needs seperate zone controls thermostatic radiator values.

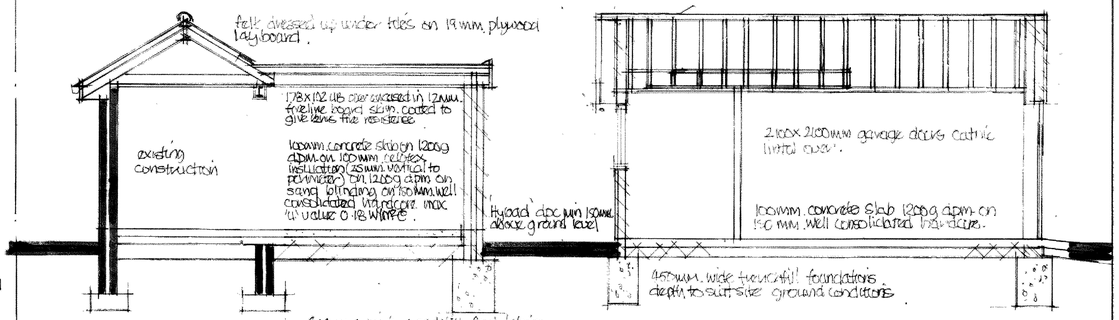
⊙ Detectors - All smoke & heat detectors to be mains operated with battery back up all units interconnected.

cavity wall - 100mm. facing brickwork to match existing 100 mm. cavity 50mm. celotex cavity wall insulation. 100 mm. insulation blockwork 15mm. plastered finish wall ties stainless steel @ 450 & 700 mm. cnts max 'U' value 0.25W/m²°C.

Flat roof - 3 layer felt roof to CP/44 on 9mm ply decking on 120 mm. celotex insulation on felt vapour barrier on 19 mm. ply decking on firrings to falls 150x50 mm. sw joists @ 400 mm. cnts 12mm. plasterboard ceiling & skim max 'U' value 0.18W/m²°C.



concrete interlocking roof tiles to match existing on 38x25mm. sw. battens on breathable roofing felt on 100x50mm sw. rafters @ 400 mm. cnts. 150x50mm. sw ceiling joists @ 400 mm. cnts pitch 35°.



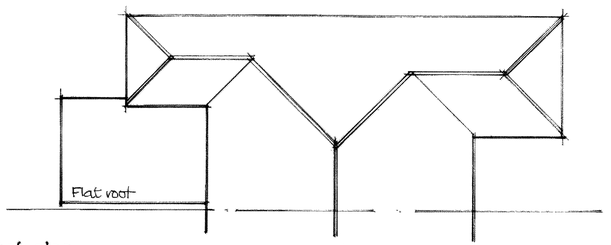
section a-a

section b-b

Lateral restraint - Where joists & rafters run parallel with external walls lateral restraint straps @ 1600 mm. cnts covering min 30° joists turned down into cavity.

Upvc windows & doors - catnic cougar lintels over all openings insulated dpc to jambs. opening lights equal to 1/20th floor area, trickle vent to head equal to 8000 mm. glass in doors safety glass for glazing in critical areas max 'U' value 1.6W/m²°C.

stormwater - Rainwater downpipes to discharge into 100 mm. pvc stormwater drain to discharge into soakaway min 5m from any building soakaways 1m³ capacity filled with clean broken brick.



roof plan

Drawing Title	Proposed alterations at 9 Rogers Close, Bishopstoke, Hants.
Scale	1:50 100
Date	June 15
Drawn by	David Windsor
Drawing n°	R.C.001.
Rev.	