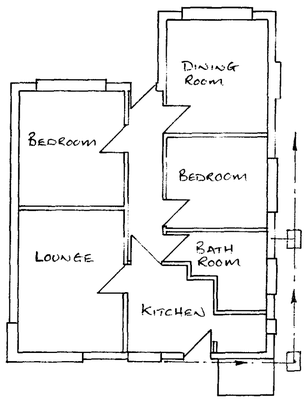
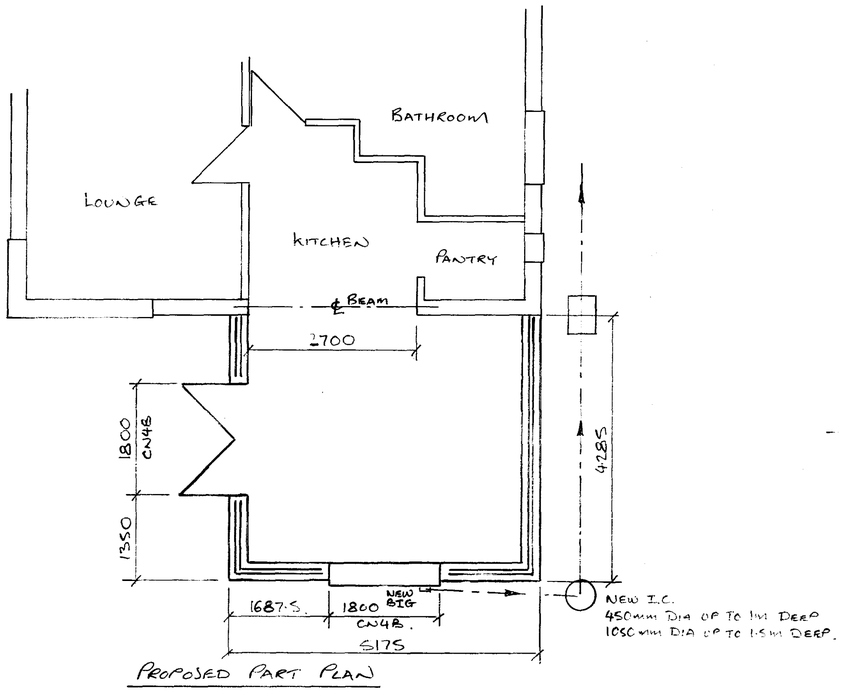
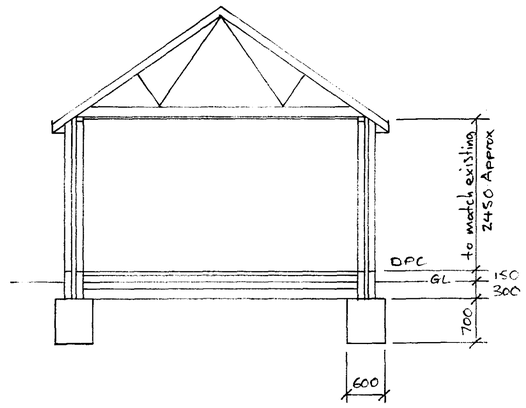


EXISTING PLAN

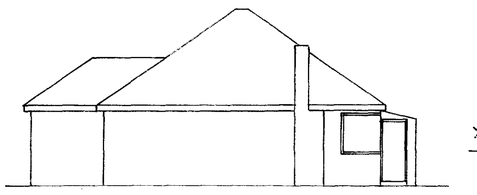


PROPOSED PART PLAN

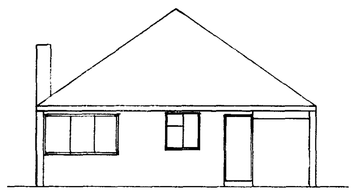
Electrical Details.
All new electrics to comply to BS7671 and part P of Building Regs. They are to be designed, constructed, inspected and tested by a competent person registered with an electrical self certification scheme. Certificate to be provided on completion of work.



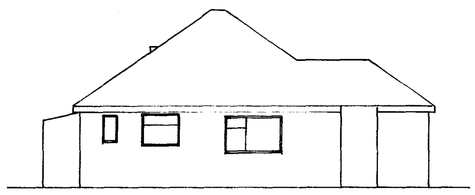
SECTION A-A.



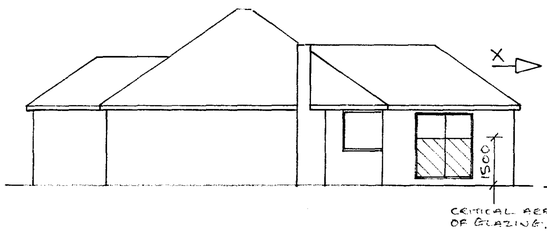
EXISTING SIDE ELEVATION ON ARROW X



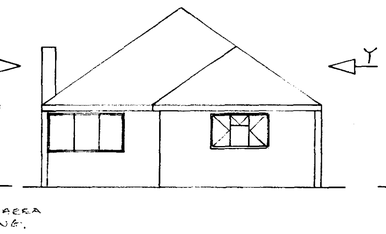
EXISTING REAR ELEVATION



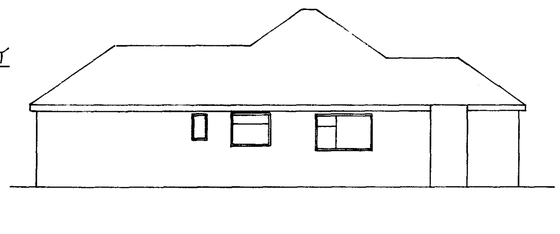
EXISTING SIDE ELEVATION ON ARROW Y



PROPOSED SIDE ELEVATION ON ARROW X



PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION ON ARROW Y

DETERMINED PLAN

SHDC PLANNING & DEVELOPMENT
21 FEB 2007
Ref. 0227/07

Notes.

Foundations.
Foundation depth to L.A. approval, min depth 1m if in clay, 600mm wide.
Base to be 65mm sand/cement screed on 95mm Jablite Jable insulation to provide a max "U" value of 0·22w/m²k, on 100mm concrete oversite on 1200g dpm lapped to dpc on 50mm sand blinding on 150mm clean compact hardcore.

Wall Construction.
Walls up to dpc level to be Class "A" concrete blocks. Walls to have 85mm min cavity. Cavity to be infilled with weak mix to within 225mm of dpc. Cavity to be fitted with 85mm dritherm insulation in accordance with manufacturers instructions. 100mm wide dpc to be fitted a min of 150mm above finish ground level. External walls to be 100mm facing bricks, innerskin to be 100mm Topblock Toplite standard blocks with 12·5mm plasterboard on dabs and plaster skim finish to provide a max "U" value of 0·35w/m²k. Cavity to be fitted with St steel wall ties spaced 450mm vertically and 750mm horizontally to be doubled up at all reveals. Cavities to be closed with thermabate insulated cavity closers.

Roof Construction.
Tiles to be suitable for the 35° pitch and to match existing. Tiles to be installed in accordance with manufacturers instructions and BS5534. Manufactured roof trusses at 600mm max crs, Manufacturers design certificate, calcs and layout to be approved by L.A. prior to commencement of work with trusses. Trusses to be designed, braced and fitted in accordance with BS5268: Part 3: 1985. Tiles on 38x25 treated battens on layer of felt to BS747. Underside of trusses to be fitted with 12·5mm plasterboard and plaster skim finish. Roof space to be fitted with 100mm mineral wool between trusses and 150mm mineral wool over trusses at 90° to them to provide a max "U" value of 0·16w/m²k. Lateral restraint to be provided by 30x5 straps at 1·2m max crs over 3 off trusses at both ceiling and rafter level. Where straps are at right angles to trusses 100x50 noggins to be fitted between them. Ventilation to roof space to be provided by a proprietory eaves ventilation equal to a continuous 25mm opg at eaves. Proprietory eaves spacers to be fitted to allow wall and roof insulation to link and maintain a 50mm min air gap. Valley to be formed with trough valley tiles with adjacent tiles cut and bedded leaving a clear channel of approx 125mm width.

Above Ground Drainage.
Kitchen Sink - 40mm dia waste.
Dishwasher - 40mm dia waste.
Washing m/c - 40mm dia waste.
All wastes to have 75mm seal traps.
All wastes to have rodding access at direction change

Below Ground Drainage.
100mm dia upvc Osma or similar drain laid on and surrounded with 150mm pea gravel bed.
Drain fall 1:40/80

Surface Water.
Rainwater to be conveyed from roof to 110mm half round upvc guttering to 63mm dia upvc down pipe to Soakaway a min of 5m away from any building. Soakaway to be 1m³ clean compact hardcore.

General Notes.
1. All structural timber to be C16 grade unless otherwise stated.
2. All external timber to be treated with preservative
3. All windows to have ventilation openings equal to 1/20th of the room floor area.
4. Background Ventilation to be provided by a trickle vent equal to 4000mm² and mechanical extraction of 30 litres/sec in or adjacent to kitchen
5. All dimensions in "mm" to be checked on Site.
6. All veg soil to be removed from overside.
7. All glazing to be double glazed units having a "U" value of 1·8w/m²k.
8. All glazing in critical locations to conform to the relevent class of BS6206: 1981 and be marked as such.
9. The extension to be fitted with a light fitment only capable of taking a bulb having a greater efficacy greater than 40 lumens per circuit watt
10. New radiators to be fitted with thermostatic valves
11. Catnic lintels to be installed in accordance with manufacturers instructions with min end bearing of 150mm.
12. Steel beam to be fire protected by 2 layers of 15mm plasterboard and plaster skim finish.

PROPOSED EXTENSION AT Nº
30 PETERBOROUGH ROAD, CROWLAND
DRAWN - M. Finch
SCALE - 1:100, 1:50 U.O.S.
DATE - FEB 2007
DRG Nº 2191