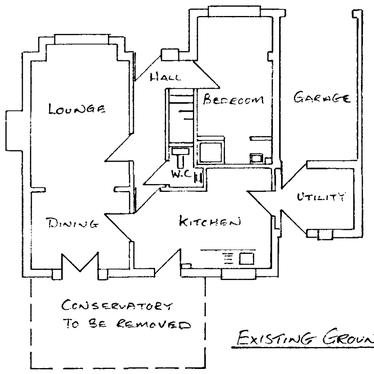
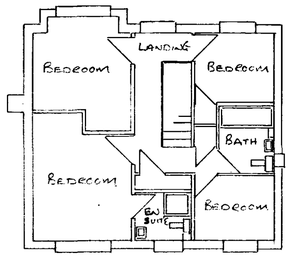
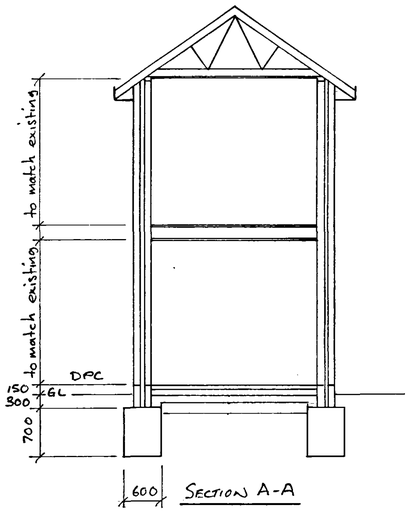


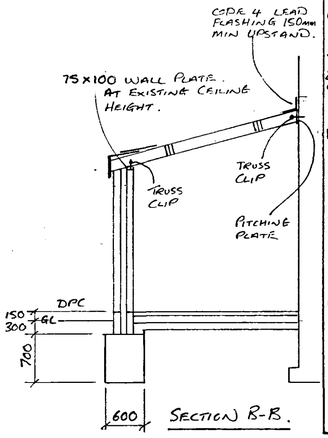
EXISTING GROUND FLOOR PLAN



EXISTING FIRST FLOOR PLAN.



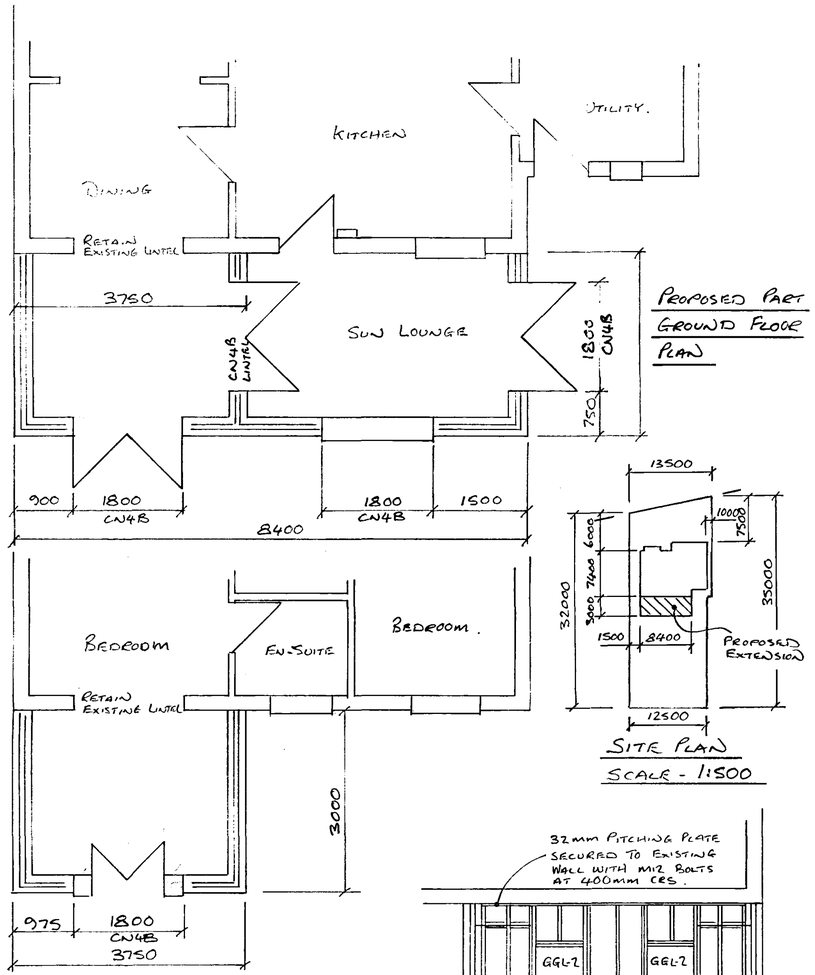
SECTION A-A



SECTION B-B.

General Notes.

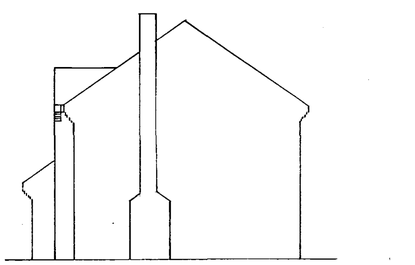
1. All structural timber to be C16 grade.
2. All external timber to be treated with preservative.
3. All new windows to have ventilation equal to 1/20th of the room floor area.
4. Background ventilation to be provided by trickle vents equal to 8000mm².
5. All glazing to be double glazed units having a "U" value of 2.0 w/m²k.
6. All glazing in critical areas/locations to conform to the relevent class of BS6206 :1981 and be marked as such.
7. All veg soil to be removed from oversite.
8. All dimensions in "mm" to be checked on site.
9. Catnic lintels to be installed in accordance with manufacturers instructions with min end bearing of 150mm.
10. The extension to be fitted with a lighting outlet only capable of taking a bulb with a luminous efficacy of 40 lumens per circuit watt.
12. New radiators to be fitted with thermostatic valves.
13. All new electrical work to be to Part P of the building regs. ie. must be designed, installed, inspected and tested by a competent person. Prior to completion an electrical installation certificate to BS7671 to be provided to the L.A.
14. Velux Roof Windows or Similar ref GGL-2 to be installed in accordance with manufacturers instructions.



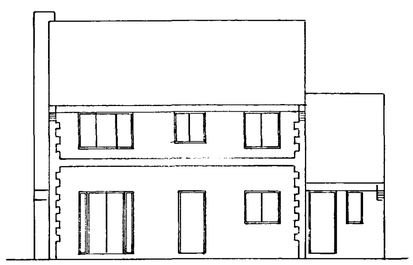
PROPOSED PART GROUND FLOOR PLAN

PROPOSED PART FIRST FLOOR PLAN

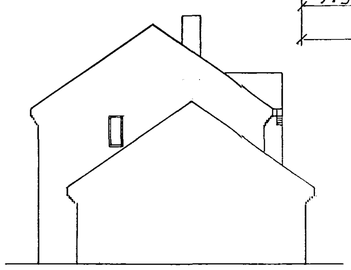
SITE PLAN
SCALE - 1:500



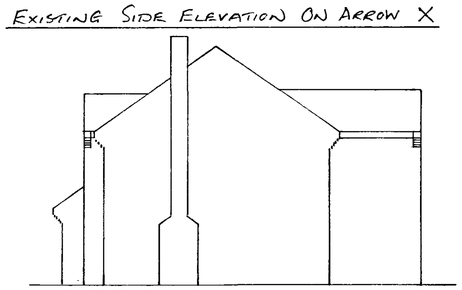
EXISTING SIDE ELEVATION ON ARROW X



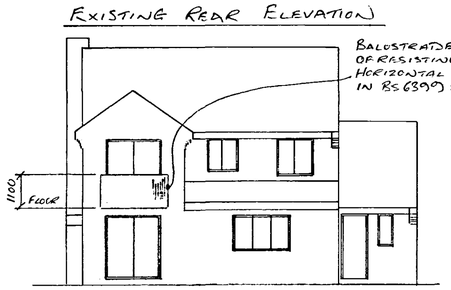
EXISTING REAR ELEVATION



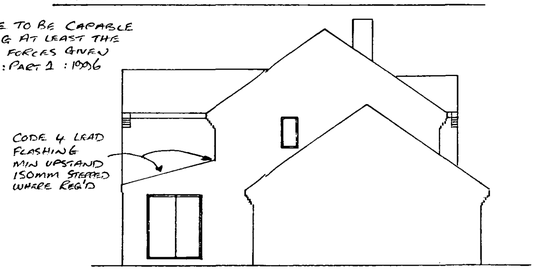
EXISTING SIDE ELEVATION ON ARROW Y



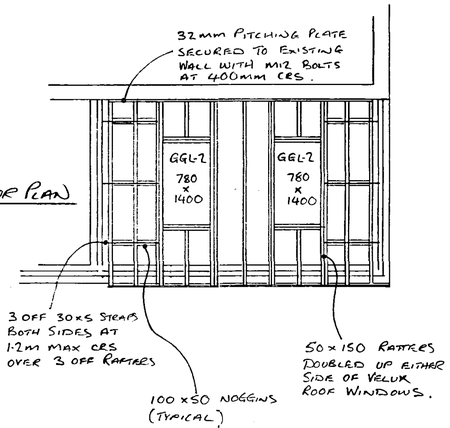
PROPOSED SIDE ELEVATION ON ARROW X



PROPOSED REAR ELEVATION



PROPOSED SIDE ELEVATION ON ARROW Y



SINGLE STOREY ROOF TRUSS LAYOUT.

SA20
PLANNING & DEVELOPMENT
22 MAY 2006
Ref 0700/06

Notes.

Foundations.

Foundation depth to L.A. approval, min depth 1m if in clay, 600mm wide.
Base to be 65mm sand/cement screed on 100mm Jabfloor 70 insulation on 100mm concrete 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 75mm min cavity. Cavity to be infilled with weakmix to within 225mm of dpc. level. Cavity to be fitted with 75mm 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 to match existing, inner skin to be 100mm fibolite blocks with 12.5mm plaster finish to provide a max "U" value of 0.35w/m²k. Cavity to be fitted with St.St wall ties spaced 450mm vertically and 750mm horizontally to be doubled at all reveals. Cavities to be closed with thermabate insulated cavity closers.

First Floor Construction.

22mm t/g chipboard floor decking on 50x175mm joists at 400mm crs. Joists to be supported off joist hangers. Underside of joists to be fitted with 15mm plasterboard and plaster skim finish. Void to be infilled with 100mm mineral wool (10kg/m³). Lateral restraint to be provided by 30x5mm straps at 1.2m max crs. Where straps are at right angles to structural members 100x50mm noggins to be fitted between them.

Roof Construction.

Above Bedroom :- (Gable)
Roof tiles to match existing and be suitable for the proposed pitch (35°). Tiles to be fitted in accordance with manufacturers instructions and relevent codes of practice. 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. Truss rafters to be designed braced and fixed in accordance with BS5268: Part 3 : 1985. Tiles on 38x25mm treated battens on layer of felt to BS747. Roof Space to be insulated with 100mm mineral wool between trusses and 150mm mineral wool over trusses laid at 90° to them to provide a max "U" value of 0.2w/m²k. Underside of trusses to be fitted with 12.5mm plasterboard and plaster skim finish. Lateral restraint to be provided by 30x5mm 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 proprietory eaves ventilation equal to a continuous 25mm gap. Valleys to be formed with trough valley tiles with adjacent tiling cut and bedded leaving a clear channel of approx 125mm wide.
Above Sun lounge :- (Mono pitch)
Timber members
Rafters - 50x150mm at 400mm Crs.
Roof tiles to match existing and be suitable for the proposed pitch (15°). Tiles to be fitted in accordance with manufacturers instructions and relevent codes of practice. Tiles on 38x25mm treated battens on layer of felt to BS747. Underside of joists to be fitted with Tri-so Super 9 insulation, 25mm thick battens fitted over insulation at 90° to joists with 12.5mm plasterboard and plaster skim finish. Ventilation to roof space to be provided by proprietory eaves ventilation equal to a continuous 25mm gap and roof vent tiles located at the highest most practical position equal to 5000mm² per metre run (5mm continuous gap). Lateral restraint to be provided by 30x5mm m.s. straps at 1.2m max crs over 3 off rafters at both ceiling and rafter level. Where straps are at right angles to rafters 100x50 noggins to be fitted between them.

Stormwater.

Rainwater to be conveyed from roof to half round upvc guttering (110mm) to 68mm dia upvc downpipes to Soakaway a min of 4.5m away from any building. Soakaway 1m³ clean compact hardcore.

A-LINE DESIGN CONSULTANTS LTD.

PROPOSED REAR EXTENSION AT
Nº 26 BECCEHAM DRIVE, CROWLAND
DRAWN - M. Smith TEL 01733326467
SCALE - 1:50, 1:100 U.O.S.
DATE - MAY 2006
DRG Nº - 2168

DETERMINED