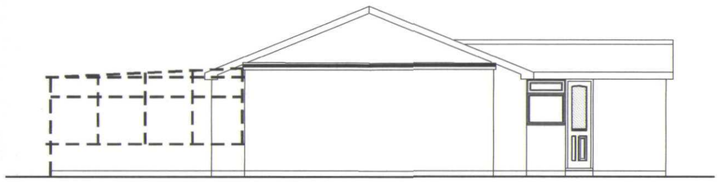
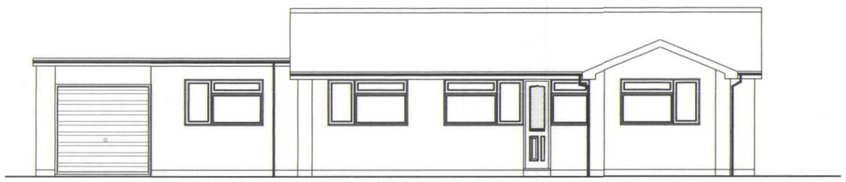
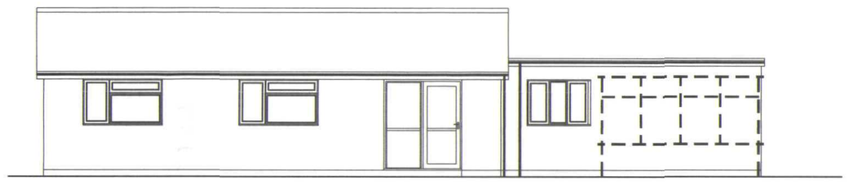
Contractor to check all Dimensions on site prior to ordering materials / commencing work. **Do Not Scale from this Drawing - If in doubt then please ask**



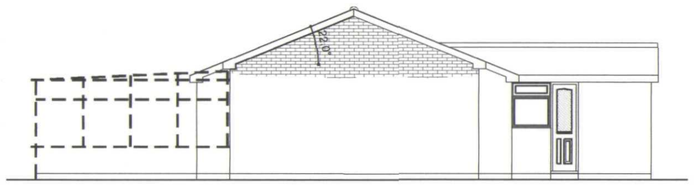
EXISTING SIDE ELEVATION
Soale 1:100



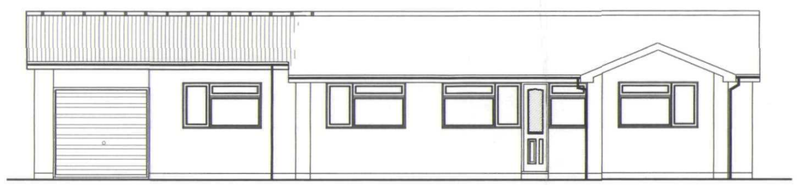
EXISTING FRONT ELEVATION
Soale 1:100



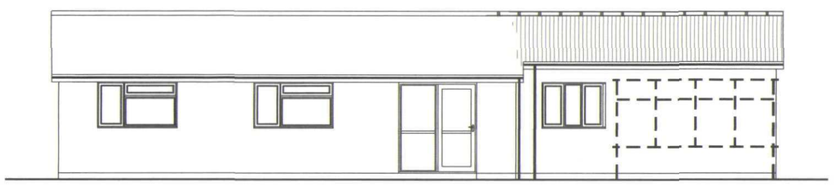
EXISTING REAR ELEVATION
Soale 1:100



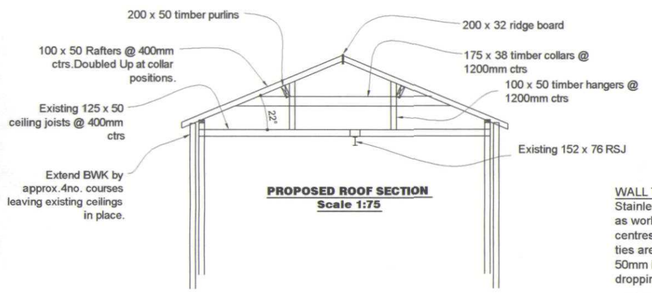
PROPOSED SIDE ELEVATION
Soale 1:100



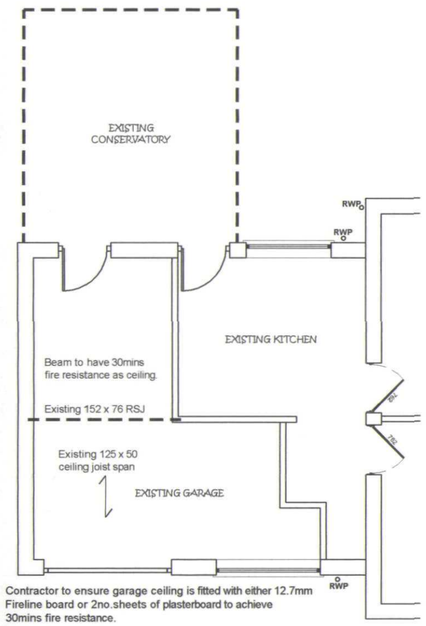
PROPOSED FRONT ELEVATION
Soale 1:100



PROPOSED REAR ELEVATION
Soale 1:100



PROPOSED ROOF SECTION
Scale 1:75



Contractor to ensure garage ceiling is fitted with either 12.7mm Fireline board or 2no.sheets of plasterboard to achieve 30mins fire resistance.

GROUND FLOOR PLAN
Not to Scale

EXTERNAL WALLS
All external walls to be 265mm overall thickness comprising of:
-100mm Brickwork to match existing
-65mm cavity filled with Crown Dritherm (or equal approved) built in as work progresses.Insulation batts should be kept clean and free from mortar droppings, all joints should be closely butted. Any cutting and fitting should be neatly done and not distort the layers of glass wool which comprise the material. All DPC's should be installed to ensure that penetrating water is directed only to the outer leaf.
-100mm Thermalite Shield insulating blockwork.
Continue wall insulation at least 150mm below top of perimeter floor insulation and support off wall ties.
External wall to achieve a min 'U' value of 0.35w/m²K.
NOTE: Cavity Wall thickness to be confirmed on site prior to ordering any materials.

WALL TIES
Stainless steel cavity wall ties to BS1243:1978.To be built into cavity wall as works proceeds and spaced at 900mm centres horizontally,450mm centres vertically and 300mm staggered around all openings.Ensure wall ties are level or at least sloping to the outside leaf.Bed ties a minimum of 50mm into each leaf and ensure wall ties are completely free from mortar droppings.

TIMBER WALLPLATES
All timber wallplates supporting roof trusses to be 100mm x 50mm bedded on top of wall.Timber to be SC3 grade and use a min. length of 3m and half-lap plates at joints and corners..Provide anchor straps as described in notes elsewhere.

LATERAL RESTRAINT STRAPS
Tie roof structure to blockwork wall with 30X5 galvanised mild steel straps at max 1.8m ctrs where rafters and ceiling joists run parallel to blockwork walls.Also fit at max 1.8m ctrs to anchor wallplate to blockwork wall with min 3no. fixings per strap.

Support purlin connections directly over a rafter / hanger and connection to be made with a "Scarf" joint near strut so that the joint supports the longer span.Provide metal plate under scarf joint.

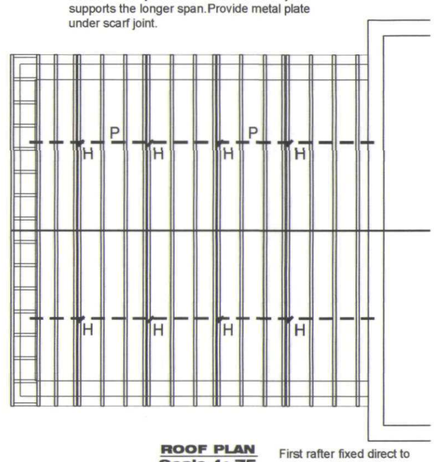
Gable ladder rafter fixed to last rafter at max.400mm ctrs

Dotted line shows 200 x 50 continuous purlin (P) birdsmouthed to rafters and built into gable walls both ends with 175 x 38 collars @1200mm ctrs with 100 x 50 vertical hangers @ 1200mm ctrs.

200 x 32 timber ridge board

White uPVC soffit and fascia profile to match existing supplied & fitted by "Protect Roofing" Tel.No: 07931 221108

New 100 x 50 rafters @ 400mm ctrs double-up at hanger / collar positions birdsmouthed over wallplate.



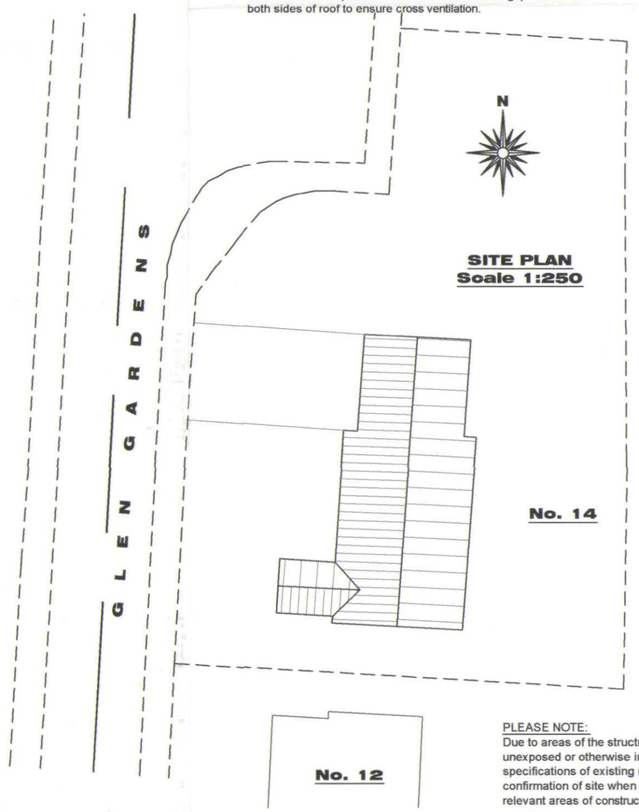
ROOF PLAN
Scale 1: 75

First rafter fixed direct to existing gable ladder

ROOF INSULATION
Lay 300mm mineral fibre insulation to roof area to achieve a 'U' value of 0.16w/m²K.100mm between rafters and 200mm over rafters at right angles to first layer.Fix Dovetail rafter tray in accordance with manufacturers instructions or similar approved where insulation meets roof slope to maintain roof ventilation.

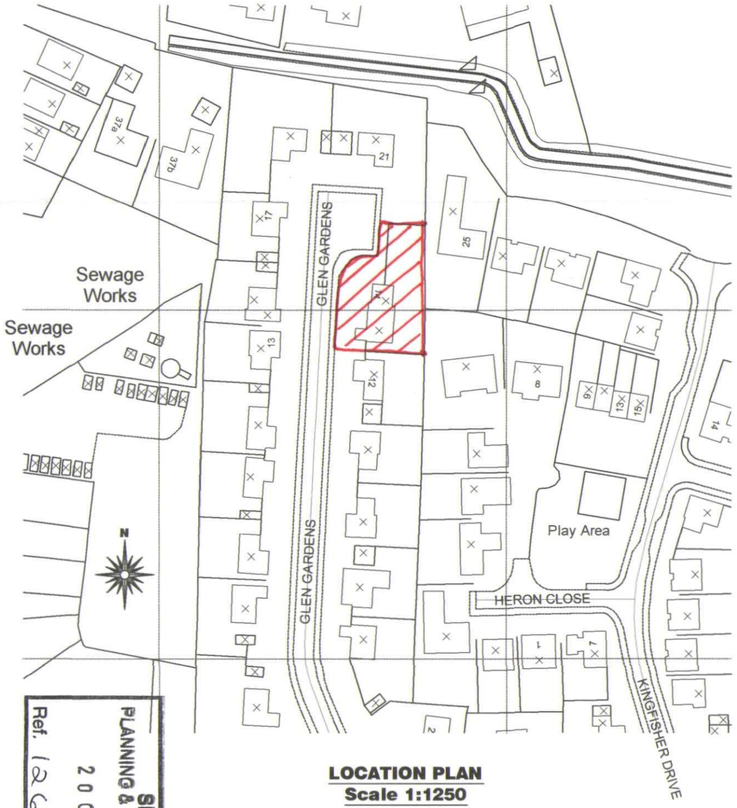
ROOF FINISH
Concrete interlocking roof tiles to Clients requirements / approval in accordance with manufacturers instructions on 50x25 preservative treated timber battens on untearable sarking felt type IF with min.150mm overlaps.Generally all tiles at perimeter of roof to be clipped and nailed.

ROOF VENTILATION
Roof ventilation to be achieved via fascia level ventilators complete with integral insect proof screens which will supply the roof space with ventilation equivalent to a continuous 10mm gap.Provide at both sides of roof to ensure cross ventilation.



SITE PLAN
Soale 1:250

PLEASE NOTE:
Due to areas of the structure being covered, unexposed or otherwise inaccessible the notes / specifications of existing materials are subject to confirmation of site when it is feasible to expose the relevant areas of construction.



LOCATION PLAN
Scale 1:1250

SHDC PLANNING & DEVELOPMENT
20 OCT 2003
Ref. 1261/03

remway design
Plans drawn for: Local Authority - Planning permission & building Control.
3, Rembrandt Way
Spalding
Lincs
PE11 3HX
Tel: 07815 112 058
Fax: 01775 768 921
e-mail: jason@remwaydesign.co.uk

Project: Proposed Pitched Roof Conversion

Client: Mr M Williams
14, Glen Gardens
Surfleet
PE11 4EB

Date: Oct'03 | DRG No. MW01 | REV:

DETERMINED PLAN