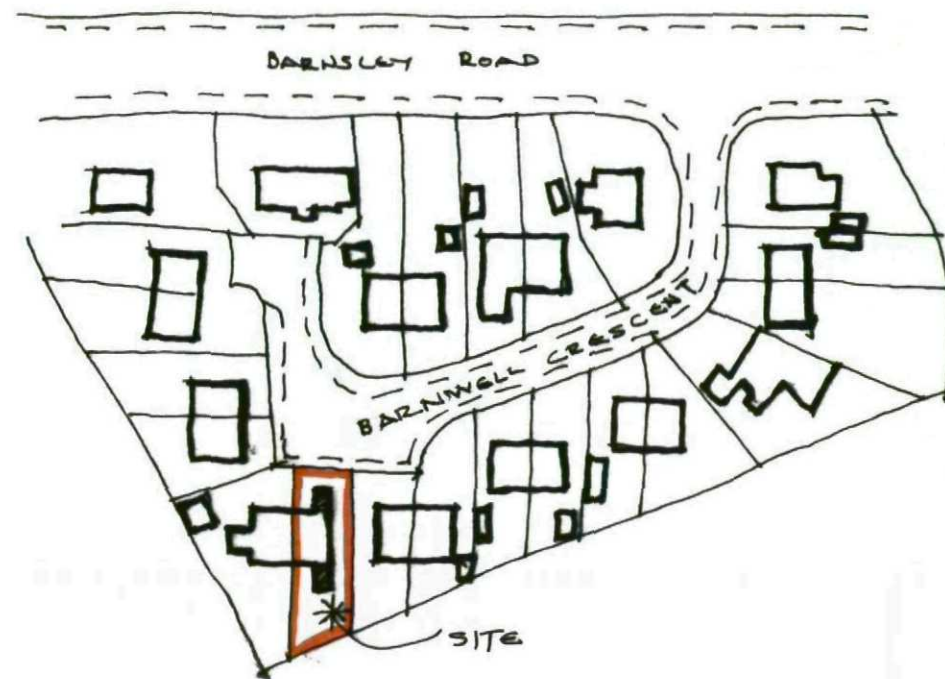


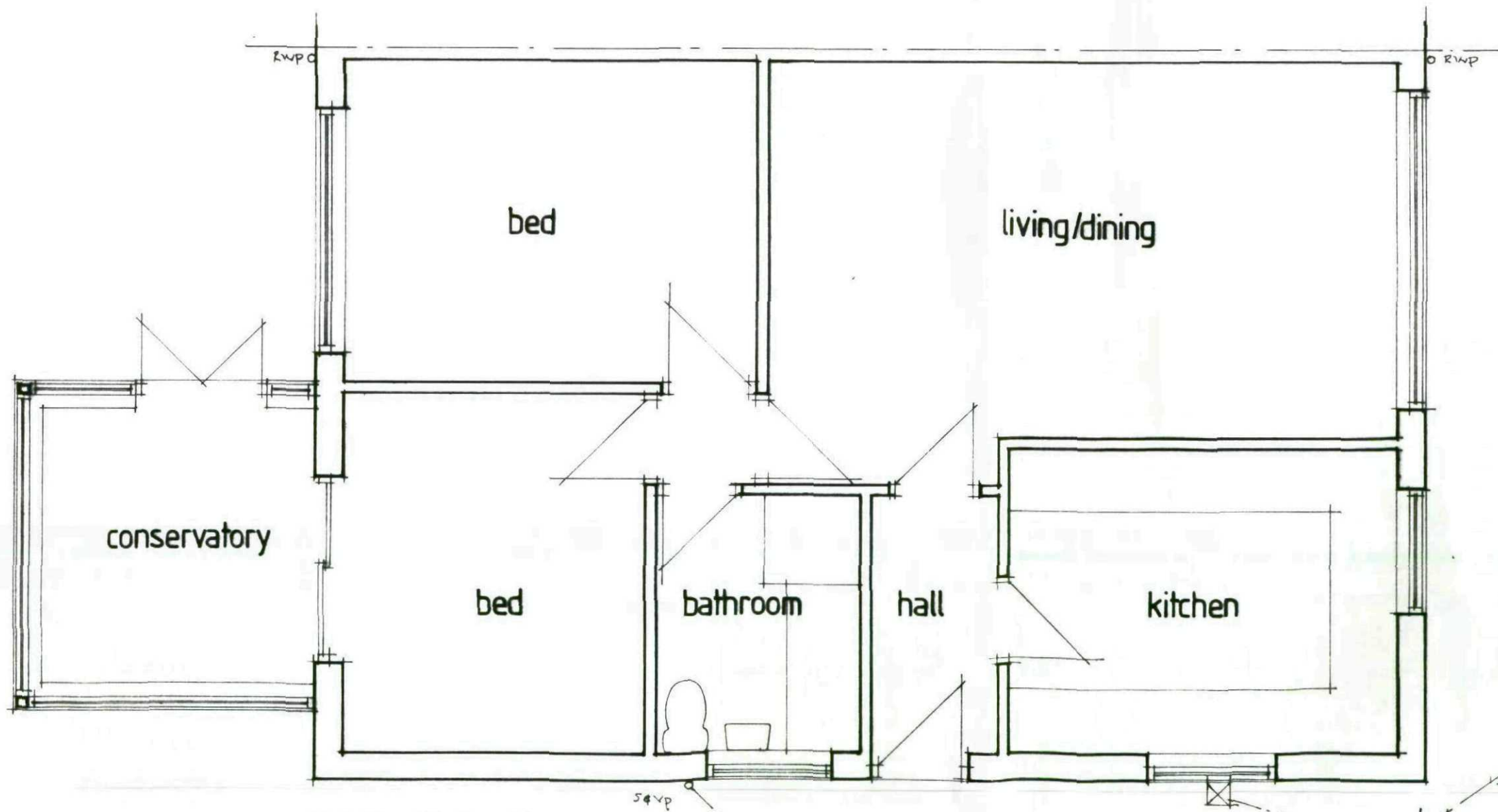
PROPOSED SINGLE STOREY EXTENSIONS TO
11 BARNWELL CRESCENT WOMBWELL BARNSELEY
MRS. A. SMITH - TEL. 01226 752930



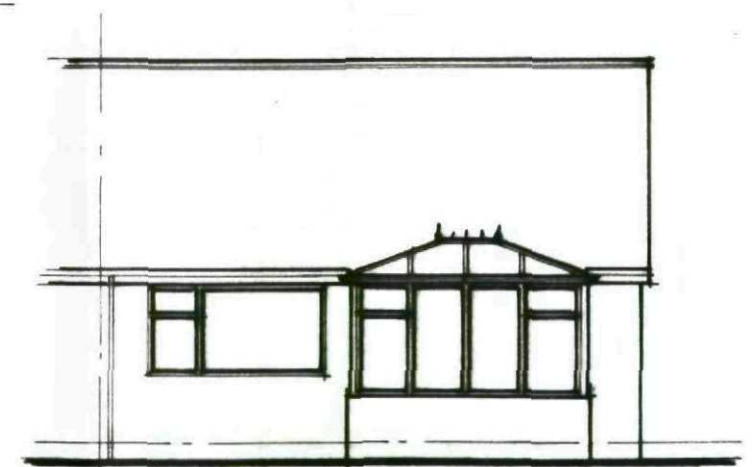
LOCATION PLAN 1/1250 approx.



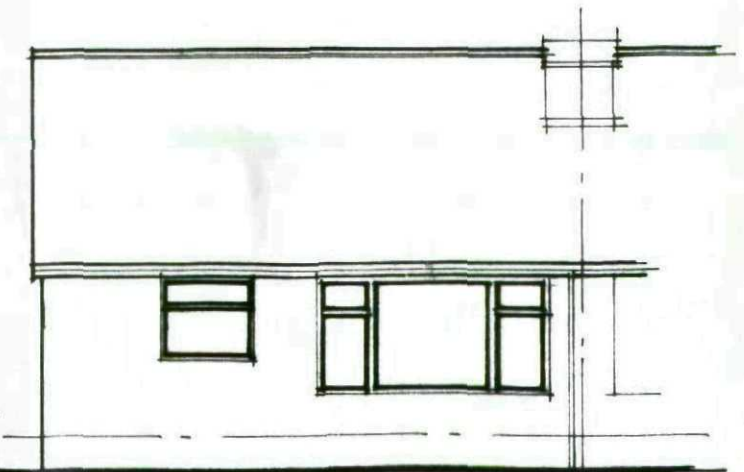
EX. SIDE ELEVATION (1:100)



EX. FLOOR PLAN (1:50)



EX. REAR ELEVATION (1:100)



EX. FRONT ELEVATION (1:100)

APPROX LINE OF
DRAIN FROM M.H.

A hand-drawn site plan for a property on Barnwell Crescent. The plan shows a main rectangular building footprint with several internal divisions. Two areas are shaded with diagonal lines and labeled: 'PROPOSED DINING ROOM EXTENSION' at the top right and 'PROPOSED BEDROOM EXTENSION' at the bottom right. To the left of the main building is a smaller structure with a stepped profile, labeled with the number '12'. To the right of the main building is a large rectangular area labeled '10' and '9'. A curved line at the bottom left is labeled 'LANDSCAPING'. A line at the bottom right is labeled 'POST & TIMBER PANEL FENCES'. The street name 'BARNWELL CRESCENT' is written at the top.

Hand-drawn architectural drawings of two sections of a building, labeled SECTION A-A (1:50) and SECTION B-B (1:50). The drawings show the structural details of the walls, roof, and foundation, with various construction notes and dimensions.

SECTION A-A (1:50)

- Roof trusses designed & manufactured by specialists pitch to match existing approx 27 1/2°. Take accurate spg dimensions before manufacture.
- Provides 18" WSP BONDED PLY TO RECEIVE CODE 5 LEAD FLASHINGS / PACKERS.
- 12.5" THICK PLASTERBOARD & SKIN CEILING.
- 2300 APPROX TO MATCH EXISTING.
- 100 x 75 - WALL PLATES.
- DRAG D.P.M UP CORNER OF WALL TO LINK WITH HANG D.P.C.
- HORIZONTAL D.P.C TO BOTH LEAVES MIN 150 - ABOVE G.L.
- 75mm THICK REINFORCED SCREEN ON INSULATION.
- 2300 APPROX TO MATCH EXISTING.
- 600 x 225 - C25 GRADE CONCRETE STRIP FOOTING.

SECTION B-B (1:50)

- TAKE 2000 VISQUEEN DPM / RADON BARRIER THEN WALK TO EXTERNAL FACE, STEP DOWN IF NECESSARY TO SUIT GROUND CONDITIONS.

SECTION A-A (1-50)

SECTION B-B (1.50)

[illegible]

PROP. FLOOR PLAN (1:50)

GENERAL CONSTRUCTION NOTES **11 BRAMWELL CRESCENT WOMBWELL BARNESLEY**

General notes are to be read in conjunction with drawings and are applicable unless otherwise stated on drawings.

Foundations:- to be 600 wide by 225 thick C35 grade concrete strip footings generally at a min depth of 525 mm to topside below ground level 900mm in clay for external cavity walls. Insert a layer of B503 mesh reinforcement in bottom.

Walls:- external walls to be cavity construction comprising of an outer leaf of facing material as indicated on drawing, with a 50 mm cavity with 50 mm Kingspan Kooltherm K8 with 100 mm thick Plasmor Stranlite inner leaf with 12.5mm plasterboard on plaster dabs with plaster skim finish to achieve U value 0.28W/msq.K. Below ground level use solid Stranlite or other approved 7N/ mm strength blocks to BS 5628. Provide insulation to within 75 mm of ground level. Close cavity at eaves. Bond external brickwork to existing every alternate course or use stainless steel wall connector/tie system. Provide and insert stainless steel vertical twist wall ties at a rate of 5 per sq metre ie at 750 centres horizontally, 450 centres vertically, and 225 centres up reveals of openings. Provide tray dpcs over all lintels. Provide continuous horizontal dpcs to both leaves min 150mm above ground level. Insert Damcor insulated cavity closers/dpc's to all, sills and reveals of openings in external walls as required. Wall plates to be 100 x 75 timbers restrained by 30 x 5 mm galvanised mild steel anchor straps 1200 centres built into blockwork, 900 mm min drop. Internal walls to be 100 mm thick blockwork plastered both sides or 75 x 50 softwood studding at 600 centres with noggins at 400 centres and all board edges with min. 25mm mineral fibre sound insulation in voids. Line both sides with 12.7 mm plasterboard and skim finish. (See hatching for identification on drawing).

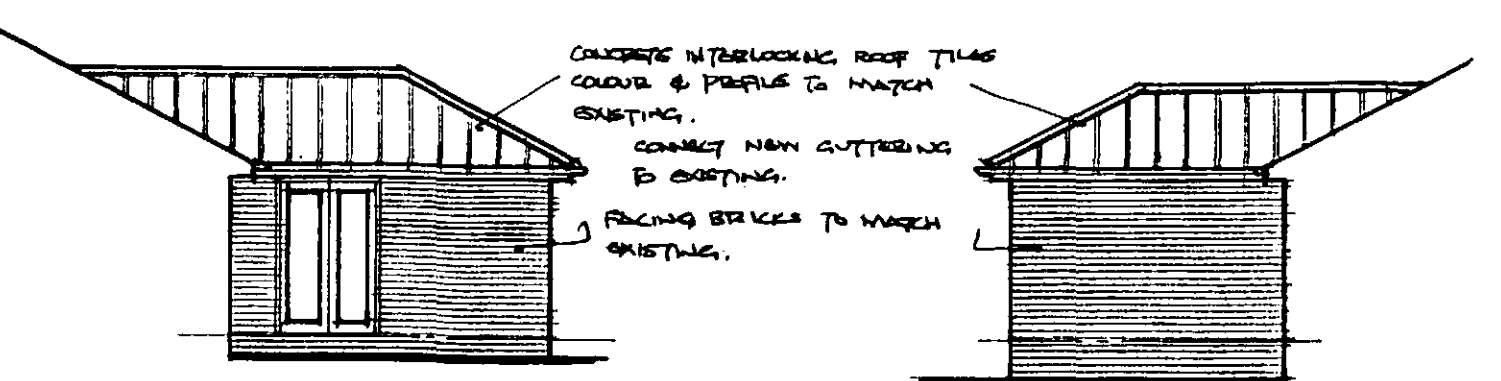
Floors Generally:- to be 100mm thick C35 grade concrete on 2000g visqueen dpm/radon barrier (taken thro walls to external face) on min 150mm well compacted hard core, depth to suit underbuild. Provide 75mm thick proprietary screed on 108mm thick Kingspan thermafloor TF 73 insulation on top of slab in accordance with manufacturer's instructions to achieve U value 0.22W/msq.K.

Pitched roofs:- roofing material as specified on drawing on 38 x 25 sw battens on one layer untearable roofing breather felt on prefabricated trussed rafters to BS 5268 part 3 1973 using processed timbers to BS 4471 1978 and BS 4978 1973. Calculations for trusses are to be submitted 28 days prior to erection for which conditional approval is requested. Provide and install a proprietary PVC eaves ventilation strip to full extent of eaves, duct over insulation to vent roof space. Provide and install 100 mm thick Crown Loft Roll 40 insulation between ceiling joist members with 200 mm Crown Wool insulation over joists to achieve 0.16W/msq/K. Ceilings to be 12.7 mm thick plasterboard and skim finish.

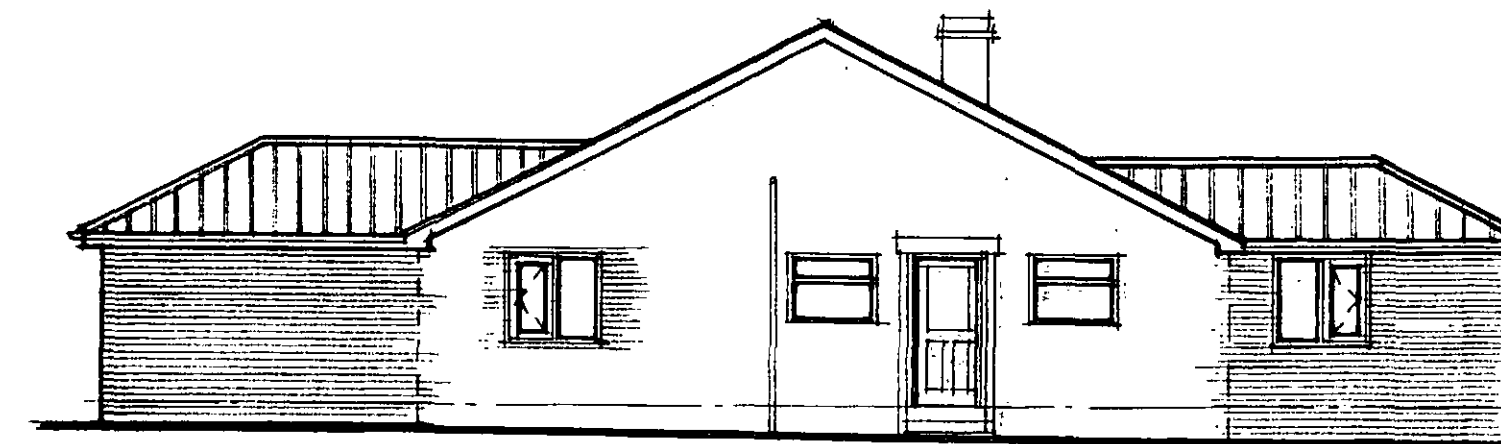
Windows and ventilation:- all new windows are to have opening lights of not less than 1/20th of the floor area and glazed panels not more than 25% of the floor area. New windows to all habitable rooms to be fitted with trickle ventilators giving not less than 8000 mm² area, any existing areas affected to meet part F1 of the Building Regs. All new windows and glazed doors are to have double glazed units manufactured to BS 6206 using 6mm laminated glass outer leaf 16mm air gap and 6mm inner leaf of laminated Pilkingtons soft coated low E glass, and are to be fully draft stripped. Windows to habitable rooms to have min 750 high x 450 wide clear opening lights, for escape purposes.

Plumbing and drainage:- waste to sink unit to be 40 mm Ø pvc and fitted with 75 mm deep seal trap. Drainage if required is to be 100 mm Ø vitrified pipe work with flexible joints and 150 mm bed and surround or pea gravel. Back fill trench in concrete where drains are within one metre of building to level of foundation. Drains passing through walls are to be allowed free movement and brickwork arched or lintelled over, and where drains are lower than normal foundations the foundations are to be taken down either side of drain and lintelled over to receive brickwork. Manholes if required are to be 225 mm thick class B engineering brick walls with 150 mm thick C 35 grade concrete base. Haunching to pipes to be waterproof concrete. Covers to be galvanised steel set in C 35 grade concrete 100 mm thick. Gutters to be 100 mm pvc half round or square section with 64 mm round or square section fall pipes to suit.

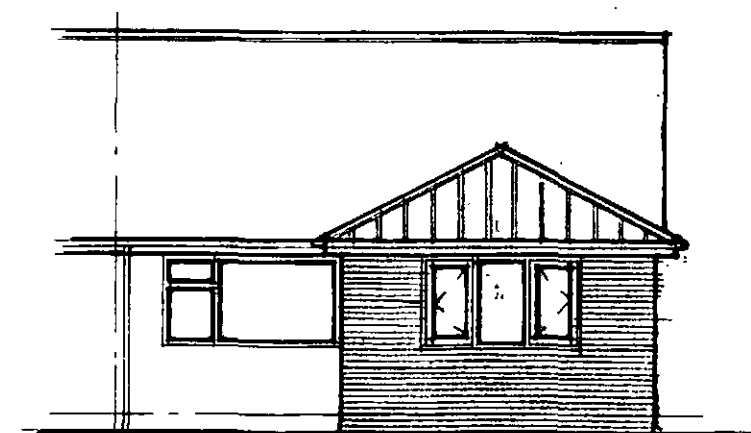
Mechanical/Electrical Works:- the electrical installer should be registered under the competent person's scheme and upon completion issue a self-certificated certificate of compliance with Building Regs. to the local authority. All heating installations/alterations to be carried out by Gas safe registered operatives.



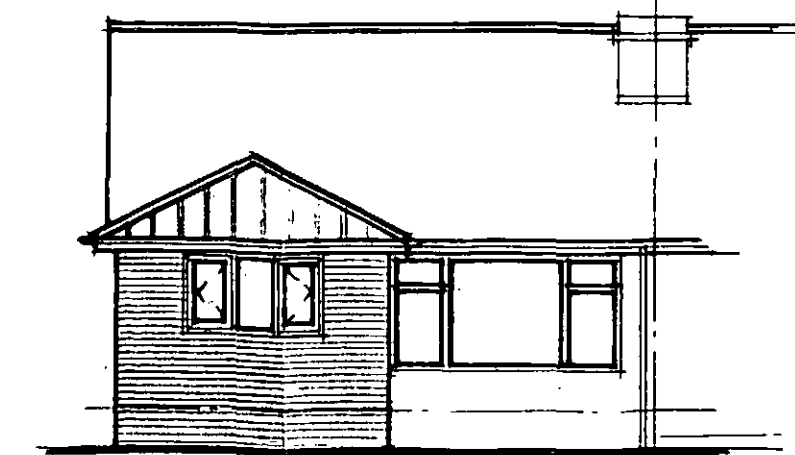
PROP. SIDE ELEVATIONS (1:100)



PROP. SIDE ELEVATIONS (1:100)



PROP. REAR ELEVATION (1:100)



PROP. FRONT ELEVATION (1:100)