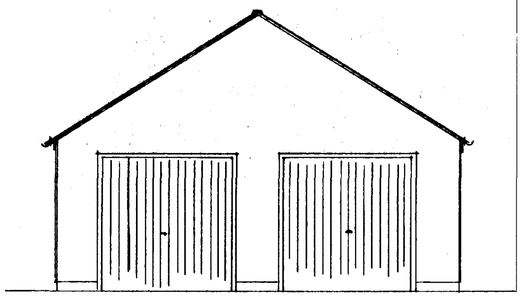
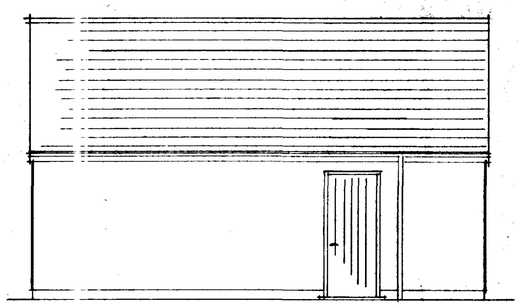
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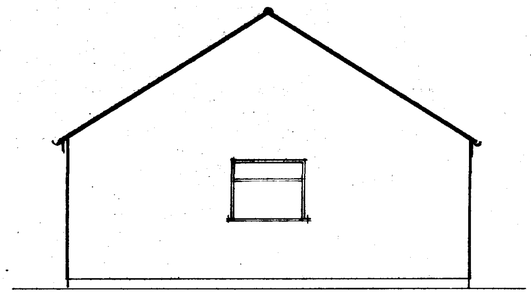
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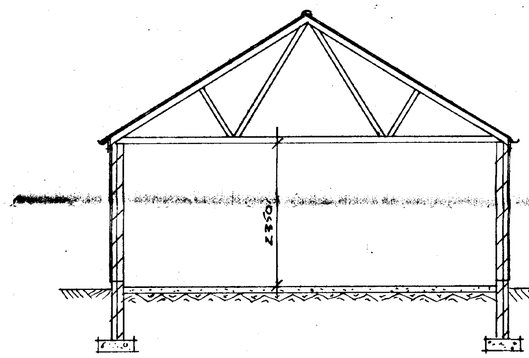
Proposed North West Elevation



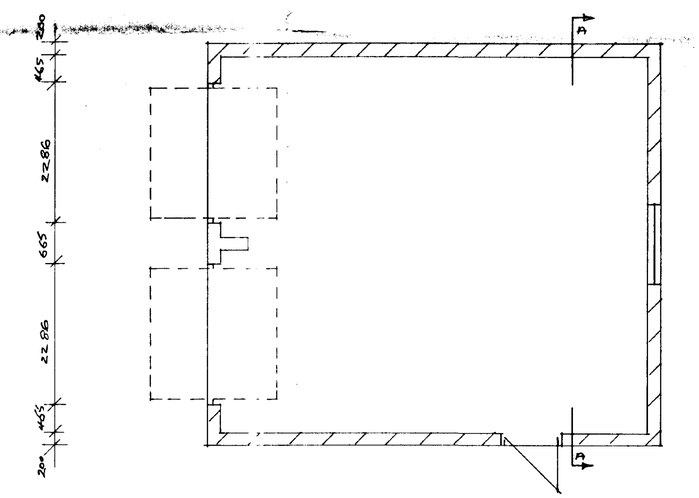
Proposed South West Elevation (North East ditto but omit door)



Proposed South East Elevation



Section thro' 'AA'



Proposed Plan

Notes:

Roof:- to be ~~new~~ tiles to match ~~existing~~ bungalow & extension on slaters felt on 25x38 tan. tile batt.

Roof structure:- to be trussed rafter @ 600 crs designed & constructed in accordance with B.S.5268 part 3 1985 with all necessary bracing i.e. 2 runners at ceiling level & chevron bracing etc. on 100 x 50 wall plate held to blockwork with metal straps at 2m crs. angle of roof ditto to bungalow

Walls:- All elevations to be 200 thick blockwork cons. 100 mm outer & inner skins 'Fen Lite' load bearing blocks, outside skin to have 2 coats render to B.S.5262. Wall tie spacing 900 horizontally 450 vertically & 225 vertically at extended reveals.

Floor:- 100 thick concrete slabs on 1200 g. polythene DPM. on 150 thick cons. hardcore

Foundation:- Concrete strip foundation 700 wide 225 thick all to satisfaction of any soil investigation recommendations.

D.P.C.:- to be black u.p.v.c. 150 above g.l.

Lintels:- to be R.S. steel type 4/5 & 4/6D where roof loads are involved.

Gutters & Downpipes:- to be 112.5 round black upvc (112.5 dia) to 65mm dia downpipes to soakaways min. dist. 4500 from any bldgs.

Underground pipework:- to be 100 mm dia upvc with flex joints bedded in & surrounded by 150 mm pea gravel

Painting & Decoration:- All wood work to be knotted stopped & primed 1 under coat & 1 Full gloss.

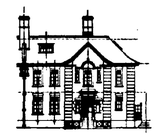
Window & door:- to be from Boulton & Paul cat to style shown on elevations

Up & over doors:- Up & over doors from the Henderson range size 2134 x 2134 in timber frames.

For Location & Site Plans see drawing No 96-934-1

SOUTH HOLLAND D.C.
HOUSING & PLANNING
01 JUL 1996
Ref: 0605/96

DRAWINGS & SURVEYS ARCHITECTURAL
3 OLD RECTORY DRIVE,
THORNHAUGH,
PETERBOROUGH PE8 6HW
TEL. (0780) 783073

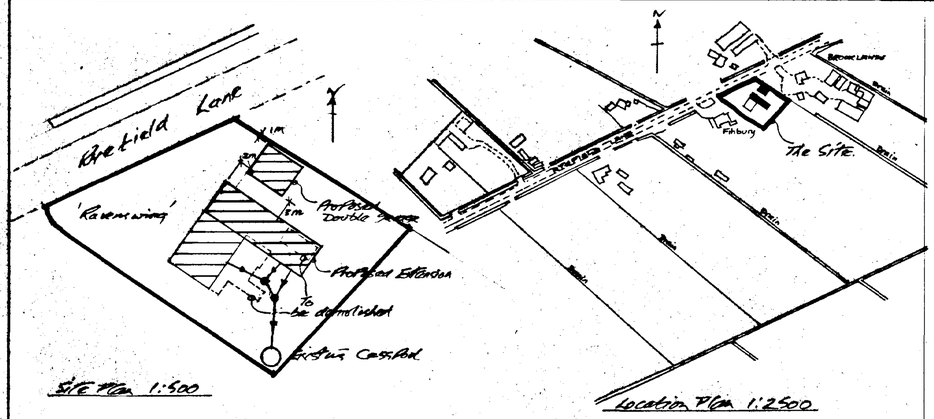


CLIENT Mr T.M. Howes
Ravenswing, Rye Field Lane
Hotbeach Fen Hotbeach,
Spalding Lincs PE12 8PS.

PROJECT
Proposed Double Garage

SCALE	DRAWN	DATE
1:50	J.W.	4.06.96

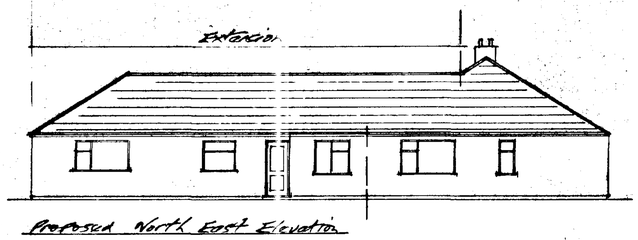
DRAWING No.
96-934-2



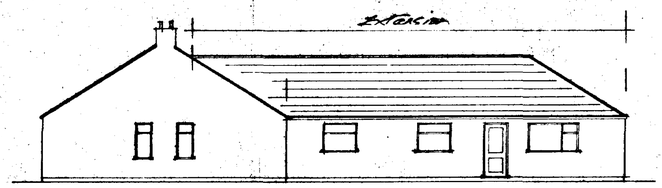
Location Plan 1:2500

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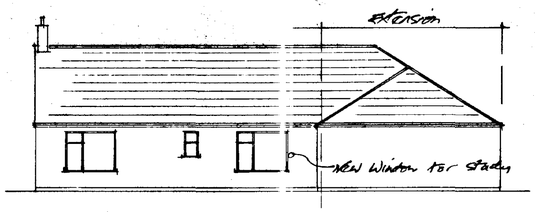
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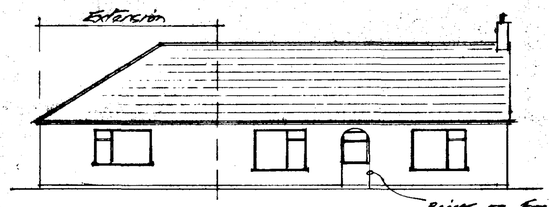
Proposed North East Elevation



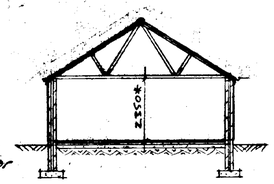
Proposed South West Elevation



Proposed South East Elevation

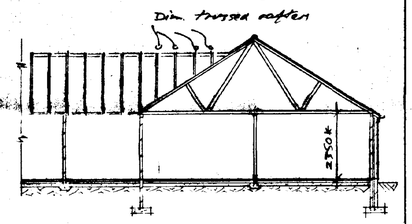


Proposed North West Elevation

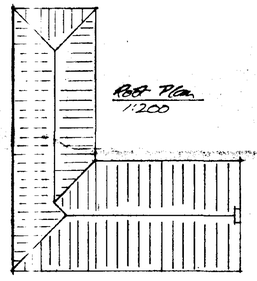


Section thro 'AA'

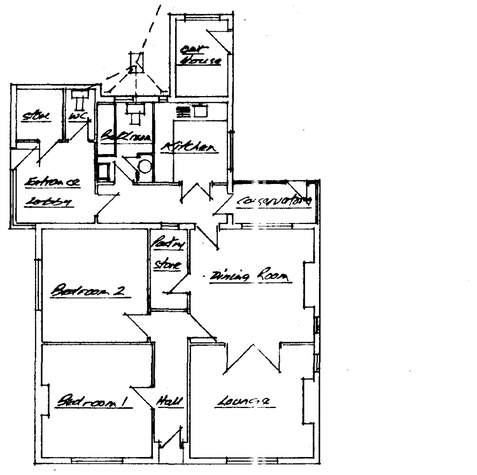
* Note dimension to roof eaves



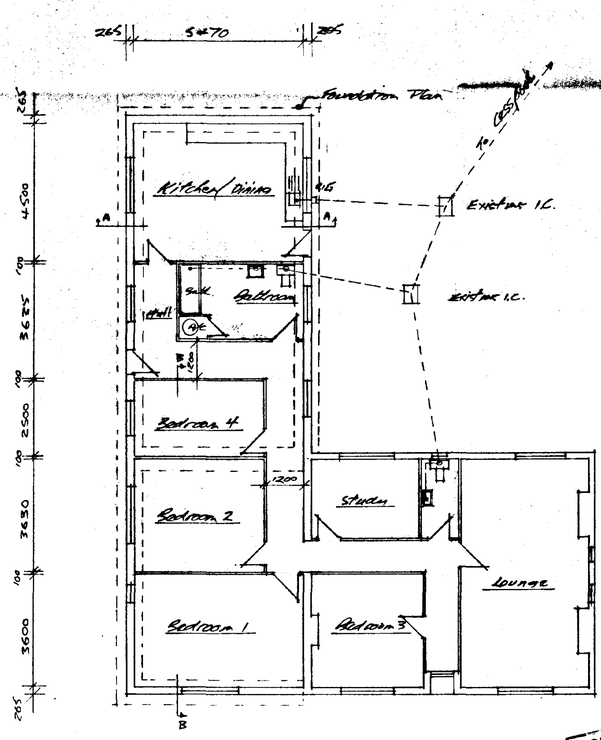
Section thro 'BB'



Roof Plan
1:200



Existing Plan



Proposed Plan

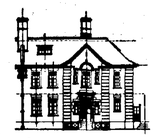
For Double garage drawing
see drawing No 96-934-2

DETAILED PLANNING

SOUTH H... HOUSING ...
01 JUL 1996
Ref: 0605/96

DRAWINGS & SURVEYS ARCHITECTURAL

3 OLD RECTORY DRIVE,
THORNHAUGH,
PETERBOROUGH PE8 6HW
TEL. (0780) 783073



CLIENT Mr J.M. Howes
'Ravenswing' Retfield Lane
Holbeach Fen, Holbeach
Spalding, Lincs PE12 8PS

PROJECT
Proposed Part Demolition of bungalow, new extension & detached Double garage

SCALE	DRAWN	DATE
1:100	J.W.	4.06.96

DRAWING No.
96-934-1

AREAS for Extension & existing bungalow as applicable

Existing rear extensions, porch conservatory etc to be demolished.
Roof:- Concrete tiles colour & style to be agreed with planning on 25x38 tile batt on slaters felt gutter glass valleys on trussed rafters designed & const. in accordance with B.S. 5268 Pt 3 1985 with all necessary bracing ie purlins in 100x25 at ridge & collars, level and chevron bracing etc on 100x50 wall plate securely fixed to blockwork with metal galv. straps at 2m crs.
Existing roof to be strengthened if necessary in accordance with B.I. instructions as agreed on site (if necessary obtain engineers calculations).
Roof Ventilation to have vented air gap min 10mm continuous to perimeter on bungalow extension and existing bungalow as per inst. from B.I.
Roof:- Insulation:- to be 200 thick fibre glass insulation to give 'U' value of .25W/m²K
Walls:- to be 265 cav. const: 100 blockwork (Fenlite) outer skin 2 coat render to BS 5262 65mm cav. with 65mm 'Dritherm' cav. insulation inner skin 100 mm load bearing blockwork (Fenlite) to achieve 'U' Value .45W/m²K wall tie spacing:- 900 horizontal 450 vertically & 225 vertically at sides of unbonded jambs at all window & door openings. Existing bungalow 2 coat render to match extension.
Ceilings:- to be 12.5mm plasterboard skimmed & skimmed
Wall plasterwork render with sand/cement and plaster skim finish.
Floor:- 75mm thick sand/cement screed with chicken wire rein on 50mm Jablite (Building paper between) on 100mm conc. subfloor with 1200g DPM (Over lapped to wall DPC) on 150 thick conc hardcore
Lintels:- I.C. steel type U/S with Jablite insulation type U Hdr Liten roof loads are involved.
DPC's:- 100mm wide black upvc for walls 150 above outside ground level.
Cavity Insulation:- 'Dritherm' can closer to all window & door openings to achieve min 'U' Value 1.2W/m²K
Guttering & Downpipes:- ½ round gutter (112x3in) to D.P.'s (65 dia) in black upvc to soakaways min distance of 4.5m from buildings via 100mm UPVC pipe with flex. joints bedded in and surrounded by 150 pea gravel.
Window & Doors:- to be white upvc (double glazed) by local manufacturer fitted all to manu. inst. glazing to critical areas to be toughened to B.S. 6262 & 6206
Painting & Decorating:- All woodwork to be knotted stopped & primed 1 undercoat & 1 Full Gloss. Walls & ceilings to have 2 coats of vinyl emulsion.
Skirtings & Architraves in timber to match existing style and size
Foundations:- to be conc. strip foundation 750 wide 225 thick 1000 deep & to satisfaction of local B/C. Inspector and to NHBC guidance note 3.
Back ground Ventilation:- to all rooms to be trickle vent min area 8000mm² in window head.
Mechanical Ventilation to Kitchen, Bathroom & W.C. Kitchen 60 Litres per second, Bathroom & W.C. 15 Litres per second which may be operated intermittantly with 15 minute overrun.
Window & door positions must be such to ensure min 350 returns to external corner (measured internally)
Plumbing:- water supply to new sink position in 15mm M.D.P.E. pipe to stop cock/non return and drain valve under kitchen sink to be tied to main cold water storage tank in loft space pipes & tank to be lagged to B/board regulation 900x450 lagged HP mastic cylinder fitted with 1kw heater fitted in new position. Hot & cold water supply by 15mm copper to wash hand basin & kitchen sink, by 22mm to bath and cold supply only to WC's by 15mm copper. (basin in bathroom & kitchen sink direct from mains) Bath & sink wastes to be in 40mm upvc with 'P' trap min depth 75mm Wash hand basin to be ditto but in 32mm UPVC All to 100mm gullys with re-seating traps
Drainage 100mm UPVC with flex joints bedded in & surrounded by 150mm pea gravel
Fall of 1 in 40 to existing inspection chambers
Inspection chambers:- to be built in water proof conc. in semi-engineering brickwork 225 wall on 150 thick conc. slab with light duty galv. frame & cover. Sizes up to 600 deep 450x450 600 to 1000 deep 450x450 100 to 1500 deep 1200x750 1400 to 2700 deep 1200x750 over 2700 deep 900x840
Electrical Adequate 13 amp double sockets and light points as required also cooker point and immersion heater
Calculations for trussed rafter roof to be submitted and passed by Stf. D.C. Street engineers department before commencement of work.
Lead Flashing to be dressed in code 4 lead as necessary.