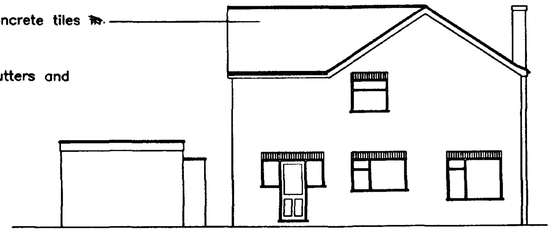
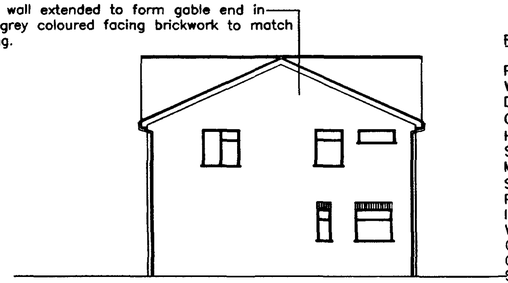


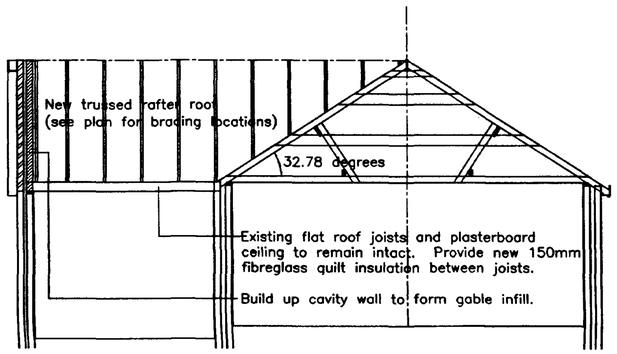
NORTH ELEVATION (TO DANIEL'S CRESCENT)
1:100



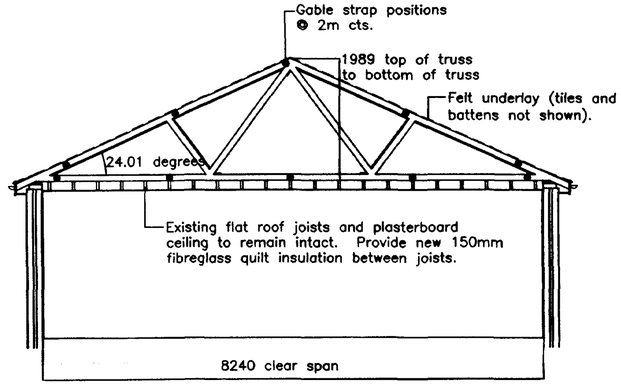
SOUTH ELEVATION 1:100



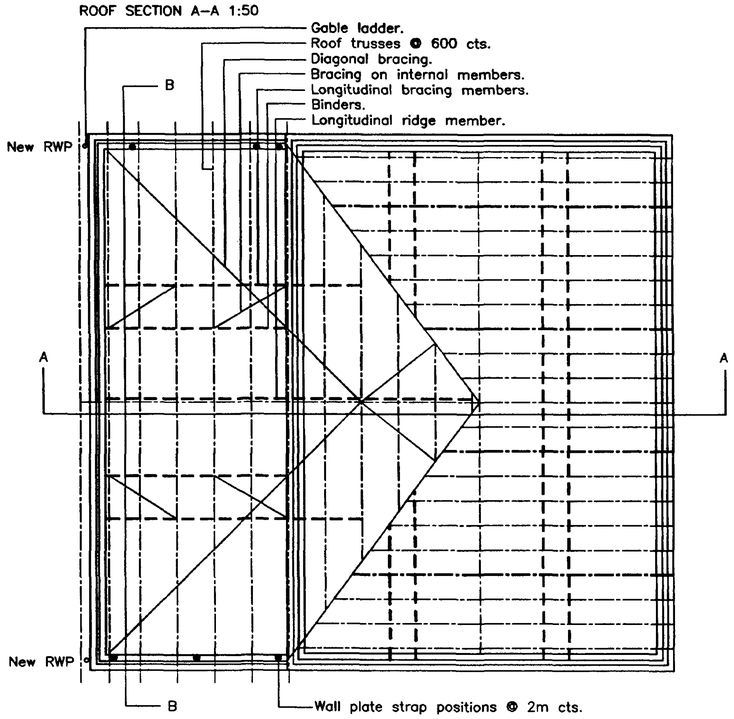
WEST ELEVATION 1:100



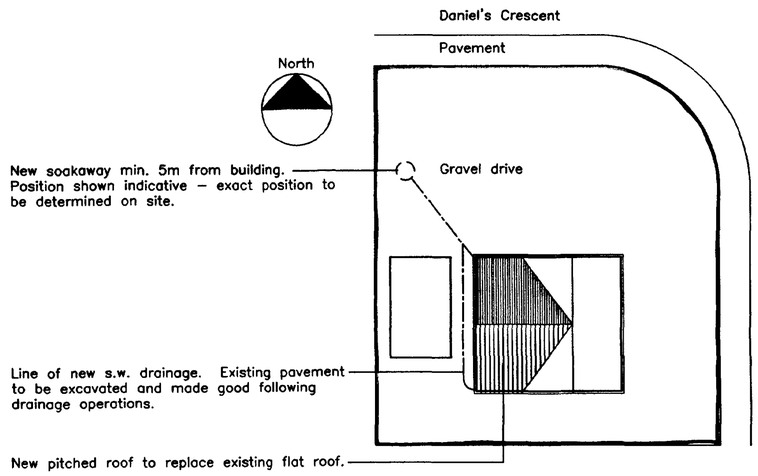
ROOF SECTION A–A 1:50



ROOF SECTION B–B 1:50



ROOF PLAN 1:50



SITE PLAN 1:200

ROOF STRUCTURE

PREFABRICATED TRUSSED RAFTERS TO COMPLY WITH BS 5268: PART 3: 1985 TO BE 24.01 DEGREES PITCH & SPACED AT MAX 600mm CTS. WALL PLATE TO BE 100x50mm (OR HEIGHT TO MATCH EXISTING) IN POSITIONS SHOWN. GALVANISED MILD STEEL STRAPPING MIN. 1m IN LENGTH & HAVING CROSS SECTION SIZE OF 30x5mm (BAT OR EQUIVALENT) TO BE PROVIDED AT EAVES LEVEL AT MAX. 2m CTS. IN POSITIONS SHOWN ON ROOF PLAN. GABLE WALL TO BE STRAPPED TO ROOF AT BOTH CEILING LEVEL & ROOF LEVEL AS INDICATED ON ROOF PLAN BY GALVANISED MILD STEEL STRAPS WHICH HAVE A MIN. CROSS SECTION OF 30x5mm TO SPAN OVER 3 NO. TRUSSED RAFTERS & TURNED OVER BLOCKWORK AT ROOF LEVEL & TURNED DOWN FACE OF BLOCKWORK AT CEILING LEVEL. SOLID TIMBER PACKING MIN. 38mm THICK TO BE PROVIDED BETWEEN WALL & FIRST TRUSSED RAFTER & TIMBER NOGGINGS BETWEEN ADJACENT RAFTERS. PROVIDE 100x25 BRACING MEMBERS IN ROOF TO COMPLY TO BS 5268: PART 3: 1985 AS INDICATED ON ROOF PLAN. AT VALLEYS 32mm THICK LAY BOARDS TO BE PROVIDED.

ROOF VENTILATION TO PROVIDE THE EQUIVALENT OF 10mm CONTINUOUS AIR GAP AT EAVES VIA GLIDEVALE FV100 FASCIA VENTS (OR SIMILAR APPROVED).

PROVIDE 150mm FIBREGLASS QUILT INSULATION BETWEEN EXISTING EXPOSED FLAT ROOF JOISTS TO MEET U VALUE REQUIREMENT OF 0.25 W/m2K.

ROOF COVERING

ROOF COVERING TO BE REDLAND 50 DOUBLE ROMAN, 418x330mm CONCRETE INTERLOCKING TILE TO MATCH EXISTING ROOF. MIN. HEADLAP TO BE 75mm. MAX. GAUGE TO BE 343mm (THROUGH COLOURED), 318mm (GRANULAR). 50x25mm S.W. TREATED BATTENS FIXED WITH WIRE CUT OR IMPROVED NAILS OF SIZE STATED IN BS5534: PART 1: 1978 (1985). PROVIDE TILTING FILLET AT EAVES TO SUPPORT FELT UNDERLAY. FELT UNDERLAY TO BE REINFORCED FELT TYPE 1F TO BS747, LAPPED MIN. 150mm HORIZONTALLY & MIN. 100mm VERTICALLY. ALL TILES TO BE FIXED WITH 60mm x 10g ALUMINIUM ALLOY NAILS TO BS1202: PART 3. GLIDEVALE UNIVALLEY TROUGHS TO BE USED AT VALLEYS WITH FELT UNDERLAY TO CONTINUE BELOW, SUPPORTED ON S.W.SUPPORT BOARD & NOGGINGS BETWEEN RAFTERS. PROVIDE MORTAR BEDDING AT ENDS OF TILES TO LEAVE 125mm CLEAR VALLEY, ALL IN ACCORDANCE WITH GLIDEVALE RECOMMENDATIONS. AT GABLE PROVIDE MORTAR BEDDING TO TILES WITH UNDERCLOAK BELOW FOR SUPPORT.

FASCIAS & BARGE BOARDS TO BE PAINTED S.W.

WALLS

GABLE WALL TO BE BUILT UP OVER EXISTING EXTERNAL CAVITY WALL. CAVITY TO BE MAINTAINED WITH EXISTING CAVITY WALL. WALLS TO BE TO DIMENSIONS SHOWN AND TO BE IN STRICT ACCORDANCE WITH BS 5628: PART 3: 1985. WALLS TO COMPRISE 102.5mm FACINGS EXTERNALLY, CAVITY TO MATCH EXISTING WIDTH & 100mm THERMALITE SHIELD BLOCKS.
BUILD IN STAINLESS STEEL WALL TIES TO BS 1449: PART 2: 1983 AT 900mm CTS. HORIZONTALLY, 450mm CTS VERTICALLY, STAGGERED & WITH EXTRA TIES AT OPENINGS AT EVERY BLOCK COURSE WHERE CAVITY CLOSED.
MORTAR FOR BRICKWORK & BLOCKWORK TO BE 1:1:6 CEMENT:LIME:SAND.
ALL FACING BRICKWORK TO BE DURABILITY DESIGNATION F.L.

RAINWATER DRAINAGE

TO BE 110mm OSMADRAIN WITH FLEXIBLE JOINTS TO FALL 1 IN 60 TO SOAKAWAY MIN. 5m AWAY FROM BUILDING. DRAINS TO BE LAID ON 150mm PEA GRAVEL WITH 150mm PEA GRAVEL EACH SIDE OF PIPE & 100mm PEA GRAVEL ABOVE PIPE & BACK FILLED WITH SELECTED BACKFILL IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. DRAINS WITH LESS THAN 600mm COVER TO BE PROTECTED WITH 75mm CONCRETE (OR CONCRETE PAVING SLABS). WHERE PIPES ARE UNDER THE DRIVE & HAVE LESS THAN 900mm COVER REINFORCED CONCRETE BRIDGING TO BE USED INSTEAD OF PAVING SLABS.
DRAIN TRENCHES ARE NOT TO BE EXCAVATED LOWER THAN THE FOUNDATIONS. IF IT IS FOUND THAT TRENCHES ARE REQUIRED TO BE DEEPER THAN FOUNDATIONS THE FOLLOWING APPLIES:– WHERE THE TRENCH IS WITHIN 1m OF THE BUILDING'S FOUNDATIONS THE TRENCH IS TO BE FILLED WITH CONCRETE UP TO THE LOWEST LEVEL OF THE BUILDING FOUNDATION. WHERE THE TRENCH IS FURTHER THAN 1m FROM THE BUILDING FOUNDATION THE TRENCH IS TO BE FILLED WITH CONCRETE TO A LEVEL BELOW THE LOWEST LEVEL OF THE BUILDING FOUNDATION EQUAL TO THE DISTANCE FROM THE BUILDING, LESS 150mm.
SOAKAWAY TO BE 900mm DIA. x 1200mm DEEP WITH TOP 500mm VEGETABLE SOIL OVER MINERAL BOARD COVER WITH GRANULAR MATERIAL BELOW. THIS SUBJECT TO STANDARD PERCOLATION TEST.
RAINWATER GOODS TO BE OSMA ROUNDLINE OR SQUARELINE UPVC RAINWATER SYSTEM, COLOUR TO MATCH EXISTING. GUTTER LAID AT 1:600 FALL.

SOUTH HOLLAND DC
HOUSING & PLANNING
23 MAR 2000
Ref: 0349/00

Rev. No | Date

Project
ROOF ALTERATIONS TO 69 DANIEL'S CRESCENT, LONG SUTTON

Drawing
PLANS, ELEVATIONS & SECTION AS PROPOSED

Scale	Date	Drawn By
1:100, 1:200 1:50	02/00	

Drawing No
WD–01

Revisions

Notes and Revisions
Do not scale from this drawing

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The General Contractor is to check all dimensions on site and report discrepancies to the designer

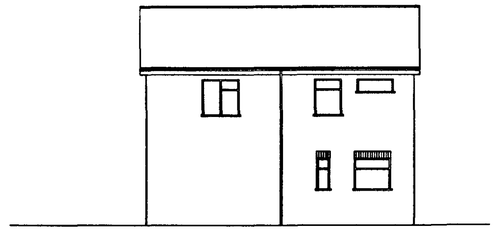
All details shown on this drawing are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions unless reported to the designer, so that design ammendments may be considered



NORTH ELEVATION (TO DANIEL'S CRESCENT)
1:100



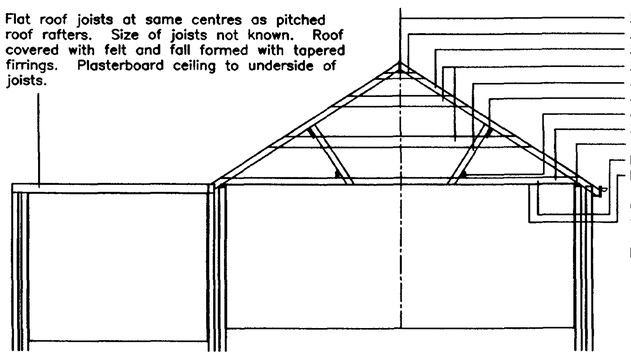
SOUTH ELEVATION 1:100



WEST ELEVATION 1:100

FLAT ROOF

Flat roof joists at same centres as pitched roof rafters. Size of joists not known. Roof covered with felt and fall formed with tapered firrings. Plasterboard ceiling to underside of joists.



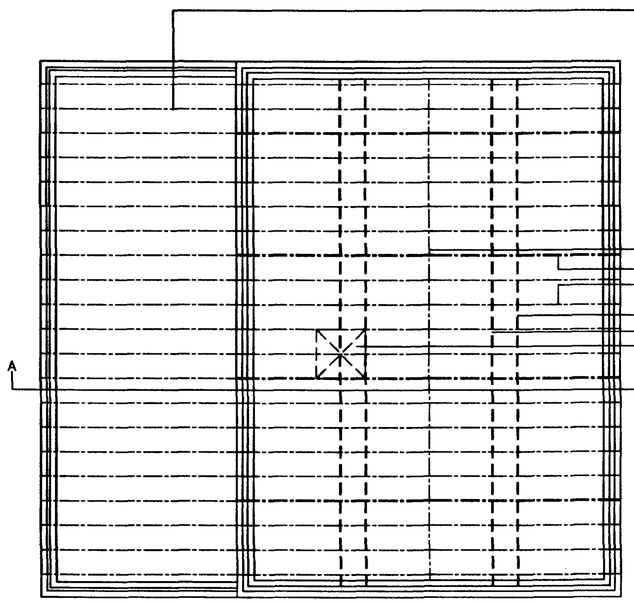
PITCHED ROOF

22x175 ridge board.
38x97 ridge tie (at principals only).
38x100 rafters @ 400cts. average.
38x175 collars (at principals only).
42x100 strut (at principals only).
47x175 purlins.
47x100 binders.
38x100 ceiling ties @ 400cts. average.
75 wide wall plate.
Fibreglass insulation quilt between ceiling ties.
Plasterboard ceiling.

Concrete interlocking roof tiles, battens and felt not shown.

Roof pitch 32.78 degrees.

ROOF SECTION A–A 1:50



FLAT ROOF

Flat roof joists at same centres as pitched roof rafters. Size of joists not known. Roof covered with felt and fall formed with tapered firrings. Plasterboard ceiling to underside of joists.

PITCHED ROOF

Ridge line.
Principal trusses (4no.).
38x100 rafters and ceiling ties @ 400cts. average.
47x175 purlins.
47x100 binders.
Loft access.

ROOF PLAN 1:50

Rev. No | Date

Project
ROOF ALTERATIONS TO 69 DANIEL'S CRESCENT, LONG SUTTON

Drawing
PLANS, ELEVATIONS & SECTION AS EXISTING

Scale	Date	Drawn By
1:100 1:50	02/00	

Drawing No
SD–01

Revisions

Notes and Revisions
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SOUTH HOLLAND DC
HOUSING & PLANNING
25 MAR 2000
Ref. 0369/00