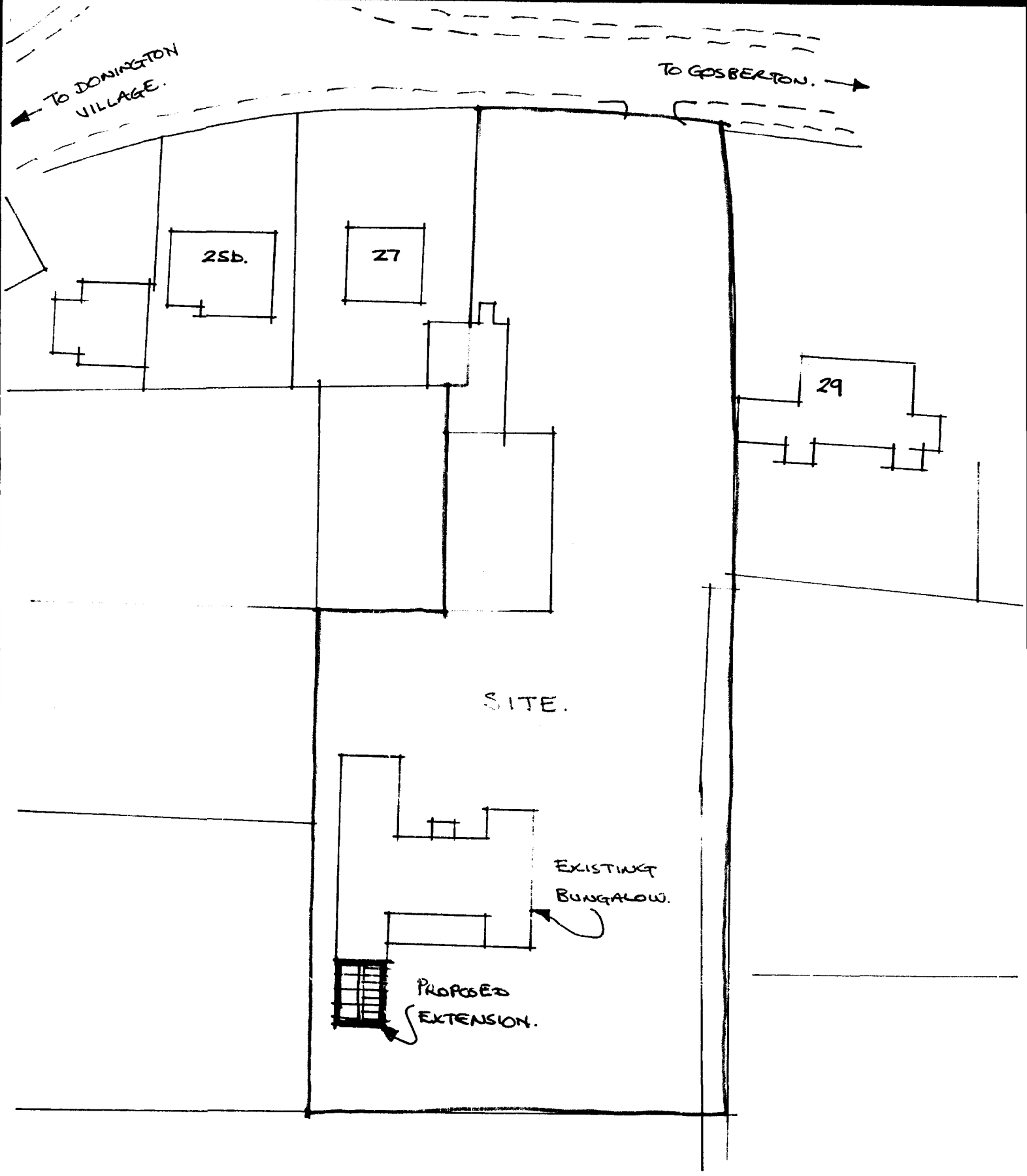
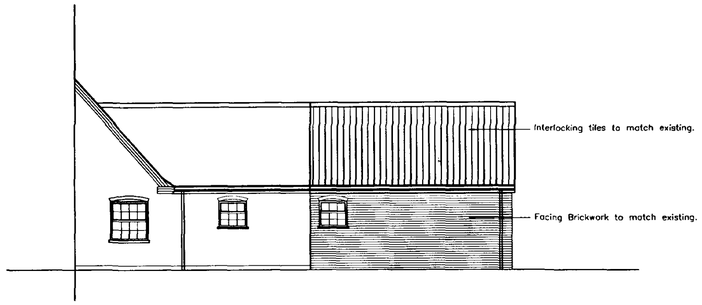


SITE PLAN. 1-500.

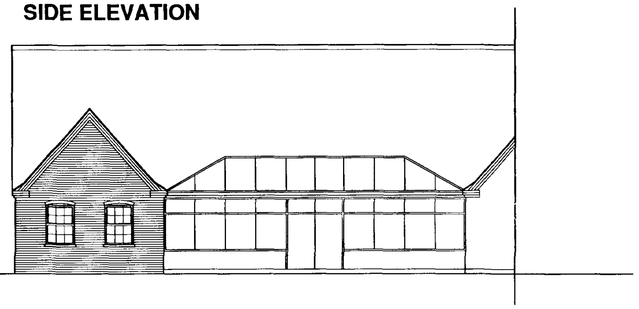
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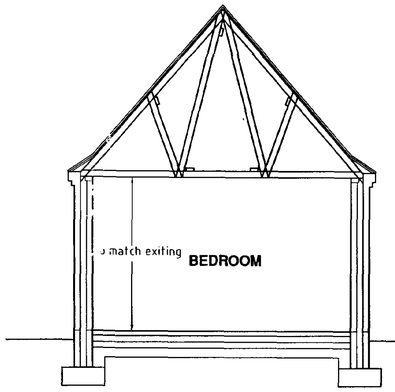
SIDE ELEVATION



SIDE ELEVATION



REAR ELEVATION



SECTION A-A

Construction notes.

FOUNDATIONS
700x225mm concrete strip foundations to cavity walls.
Depth to be agreed on site with the Area Building Inspector.
Minimum 1000mm if in clay.

SUBSTRUCTURE
Walls below dpc to be constructed using min 7N\mm sq. Concrete blocks, or class FL common bricks.
All cavities below ground floor level to be backfilled using min 1:12 concrete.

GROUND BEARING SLAB
Min 75mm reinforced screed on 100mm oversite concrete on 50mm Jablite or similar approved flooring grade polystyrene boards, with 25mm permiter insulation on 1200g polythene damp proof membrane, linked to horizontal dpc, on a min 150mm blinded consolidated hardcore to give a min U value of 0.25W/m K.

DPC
Bituminous felt or polythene horizontal dpc to suit width of masonry, 150mm above ground level and 150mm wide vertical dpc to all openings in external walls, all to comply with BS 747 amd.

EXTERNAL WALLS

100mm facing brickwork ,100mm cavity with 100mm solid fill cavity wall insulation, built in as work proceeds and 100mm lightweight loadbearing insulating blockwork to comply with Building Regulations and to give a min U value of 0.35W/m K.
Cavity closed at window and door reveals using Dampcor insulated dpc or similar approved proprietary cavity closer to give a min U value of 1.2 W/m K.
Wall ties at 450mm centres vertically and 900mm centres horizontally staggered and at 225mm centres around openings.
Cavity Trays to be provided above all openings in external walls including over meter boxes etc. with weepholes to alternative vertical joints.
Cavity trays to project min 75mm beyond ends of lintols where not protected by eaves overhang.

INTERNAL WALLS
100mm blockwork.

SKIRTINGS
To match existing house throughout.

PITCHED ROOF
Roof tiles to match existing on 25 x 38mm pres. treated softwood battens on untearable felt
Truss Rafters fixed at max. 600mm centres complete with *longitudinal and diagonal timber bracing all in accordance* with BS 5268 Part 3. (manufacturers calculations to be approved before commencement on site.)
50 x 100mm pres. treated softwood wall plate fastened to inner leaf with 30 x 5 x 1000mm long galv. mild steel straps at max 2000mm centres, each with 8 No. Fixings into masonry.
30 x 5 x 1500mm long galv. mild steel lateral restraint straps with 100mm turn down fixed into blockwork and fastened to 3 no. rafters and ceiling joists at gable walls at max 2000mm centres.
50 x 100mm noggins beneath straps between rafters and joists or fixed to binders.
10mm continuous ventilation provided either side of roof by proprietry corbled ventilation units to eaves fixed in accordance with manufacturers instructions by Hambleside Danelaw or similar.
200mm *mineral fibre insulation quilt laid between ceiling joists* to give a min 'U' value of 0.25W/mK. Insulation to have min 50mm clearance at eaves to maintain ventilation.
12.7mm gyproc wallboard plasterboard and skim ceilings, supported on all four edges.

FLASHINGS
Cde 4 lead or other approved.

STEELWORK
Galvanised steel lintols to all openings in external walls by Catnic Lintols Ltd or similar approved.
Wall ties to be galvanised in accordance with BS 1243 :1978 amd.

DOORS AND WINDOWS
PVC-U windows to match existing.
All windows to be double glazed with 4/6/4mm sealed units
All glazing to comply with Part N1 of the building regulations.
All full height glazing to comply with BS 6262.

VENTILATION

Habitable Rooms :
Minimum 8000mm sq background ventilation provided by a controllable trickle vent in window head.
Rapid ventilation provided by opening windows equivalent to 1/20th of floor area of room served part of which should be at least 1.75mm above ground level.

Shower Rooms :
Mechanical ventilation on time delay control to give an extract rate of 6 litres/second.

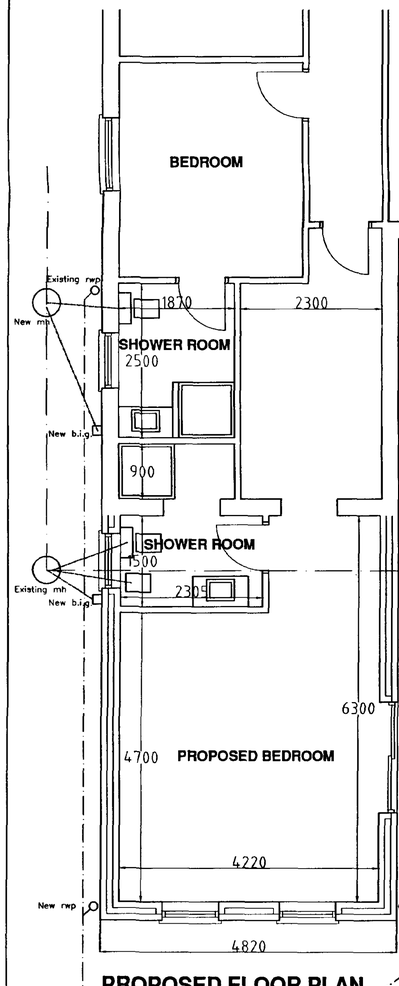
DRAINAGE

New soil drains to be 100mm dia. upvc laid to falls and connected to existing system. Drains under building to be encased in min. 100mm concrete.
38mm waste to showers and 32mm waste to whb all with 76mm deep seal traps.
Rainwater pipework to be 112mm PVC-u in accordance with BS 4576 Pt 1:1989
All RWP to connect direct into 110mm drain connection at at ground level with access for rodding.
Soakaway min. 5.0m from dwelling.

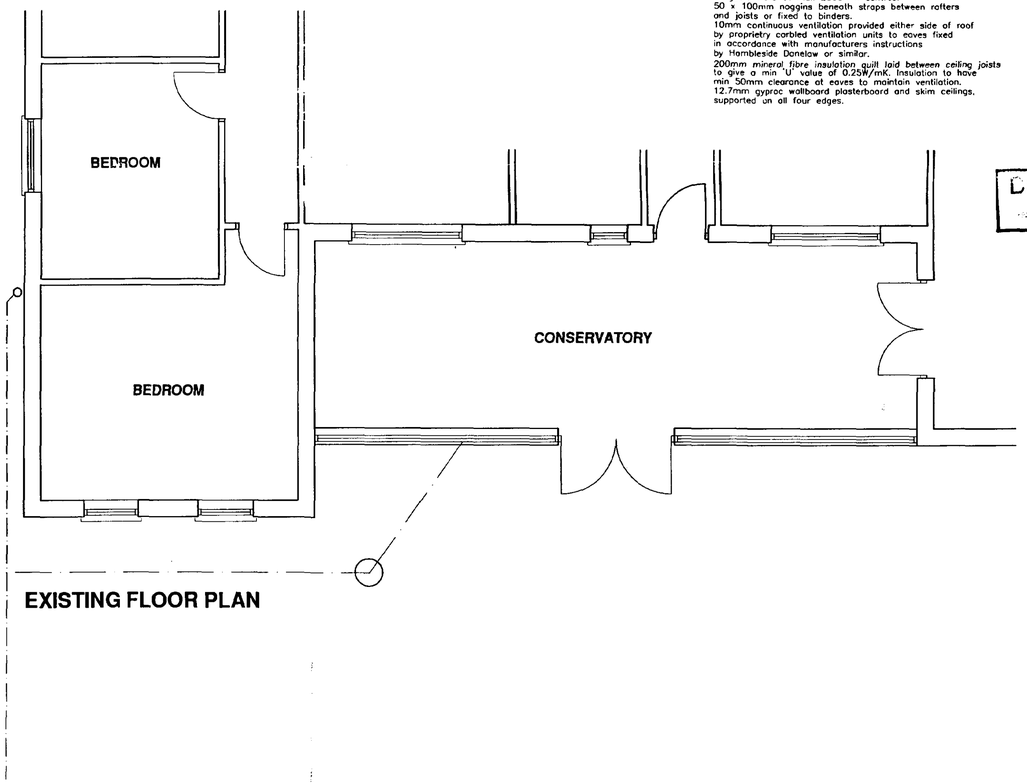
CENTRAL HEATING
Existing central heating system to be extended into new extension.
All pipework to be lagged.
All to be *in accordance with Building Regulations* Pt L5

FIRE PRECAUTIONS
Smoke Detectors to comply with BS 5446:part 1: 1990
To be positioned max 7m kitchen and/or living room door horizontally and max 3m from any bedroom door.
Smoke detectors to be interconnected and permanently wired to a separate fused circuit on the distribution board.

ELECTRICAL INSTALLATIONS
All electrical work to comply with latest IEE Regulations.



PROPOSED FLOOR PLAN



EXISTING FLOOR PLAN

DETERMINED
PLAN

SHDC
Planning & Development
27 MAR 2003
0404/03

PROJECT
PROPOSED EXTENSION TO BUNGALOW AT UTOPIA 27a QUADRING ROAD DONINGTON

FOR MR.& MRS. P. HEPLESTON

TITLE
Floor Plans Elevations and Section.

SCALE	DATE
1 : 50	Sept. 2002

DRAWING No.
2002 - 01

AMENDMENTS

DO NOT SCALE THIS DRAWING