

SHDC
Planning & Development
0 2 AUG 2002
Ref 0898/02

DETERMINED
PLAN

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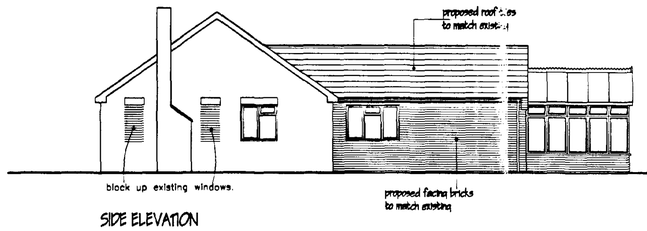
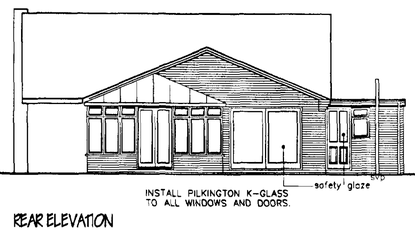
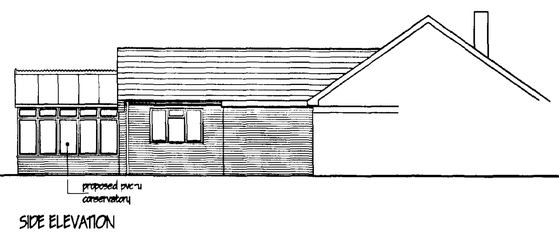


SIDE ELEVATION



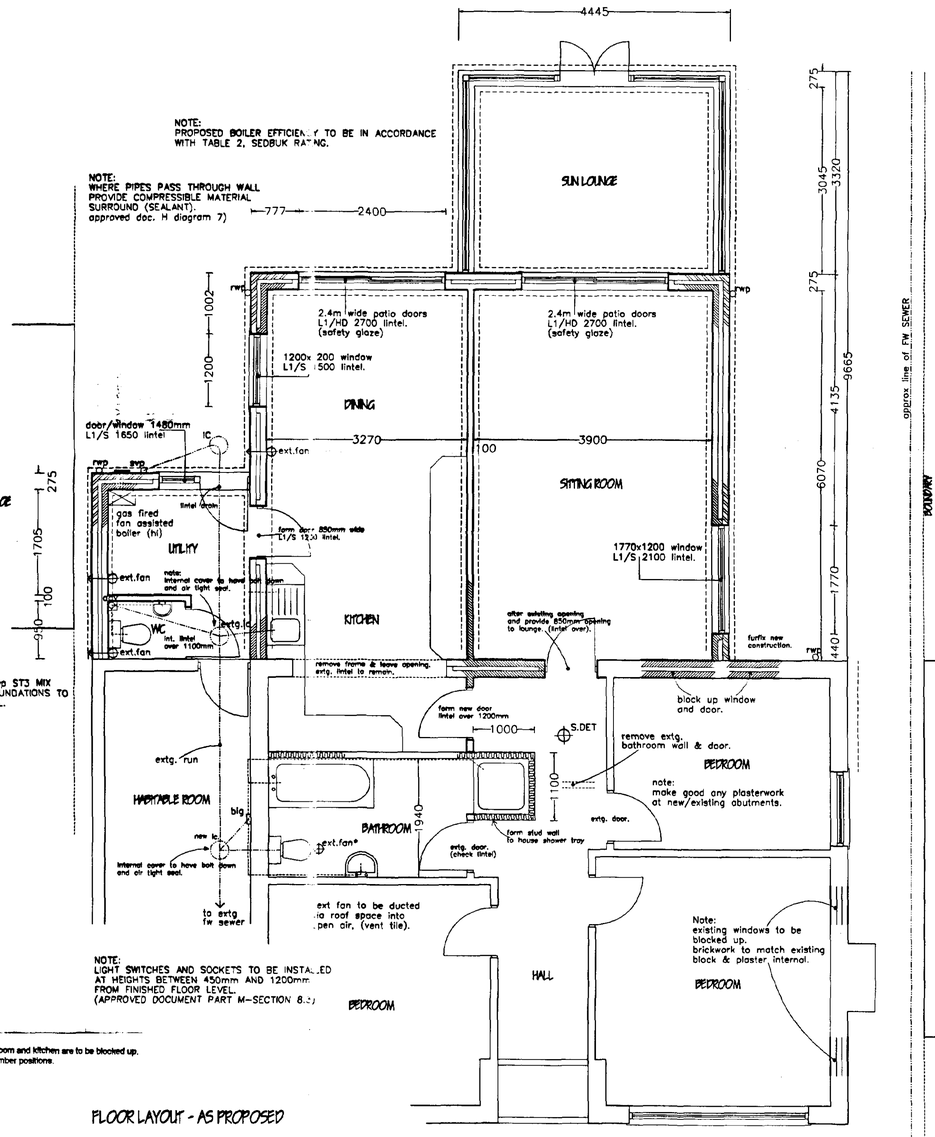
REAR ELEVATION



SIDE ELEVATION

Note: provide double glazing (low-e, 0.05) with 12mm air gap. achieving u-valu of 2.0w/m² k

PROPOSED PVC-U CONSERVATORY
DESIGN AND CONSTRUCTION BY OTHERS.



NOTE:
LIGHT SWITCHES AND SOCKETS TO BE INSTALLED AT HEIGHTS BETWEEN 450mm AND 1200mm FROM FINISHED FLOOR LEVEL. (APPROVED DOCUMENT PART M–SECTION 8.)

NOTE:
Existing foul drain and IC adj. to existing bathroom and kitchen are to be blocked up.
Please note new drain run and inspection chamber positions.

FLOOR LAYOUT - AS PROPOSED

HEATING
Boiler to be installed in position indicated on plan.
Proposed boiler efficiency to be in accordance with table 2 SEDBUK rating.
All hot water and heating pipes including cylinder to be insulated in accordance with REG. L1 Building Regulations.
Where balanced flue appliance installed provide durable guard to flue outlet 600mm min. from adjacent openings and corners of building.
Hot water storage system to be vented type.
Hot water storage system to be insulated so as to limit heat loss to 90 W/M of surface area of the system to comply with BS 1566: PARTS 1 & 2: 1984 or BS 3198: 1981.
Room thermostat / thermostat valves to radiators installed to control heat output from boiler system.
Requirement J4 - Where hearths, fireplaces, flue of chimneys are installed in the dwelling, important safety information must be provided for all of the above. These will be either by suitable notice plates situated adjacent to the appliances or by appropriate log book.
An example of the notice plate can be seen in approved doc J - diagram 1.9

DRAINAGE - FOUL WATER
Inspection chambers to be u.p.v.c, Bartol installed in accordance with manufacturer's instructions in positions shown on plan.
Below ground pipework to be 100mm dia. u.p.v.c. Bartol to BS 4460: 1969 flexible jointed paperwork laid in accordance with manufacturer's specification to 1: 70 fall with 150mm pea gravel bed and surround.
Where pipes pass below floors provide 150mm min. pea gravel bed and surround to maintain flexibility.
Drains to be protected under driveway and where cover is less than 900mm, by provision of concrete slabs over min. 75mm pea gravel cover. Below ground drainage is to comply with BS 8301: 1985.
110mm dia. u.p.v.c. Soil and vent pipes to be installed in positions shown on plan. Provide balloon grating to terminate at 900mm min. above adjacent openings within 3.0m. Provide access plate at base of stack.
Where indicated on plan air admittance valves are to be installed in accordance with manufacturer's instructions.
Waste pipes from appliances to discharge directly into soil pipes or gullies as appropriate with access plugs at all changes of direction.
40mm Dia. polypropylene wastes from kitchen/utility sinks, baths, showers, washing machines etc. and 32mm dia. from wash basins with 50mm dia. combined wastes unless otherwise stated. All appliances to have 76mm deep seal traps.
All above ground drainage to comply with BS 5572.
Where waste run exceeds 3.0m provide anti-syphon traps to appliances.
Shower tray to be set on raised plinth to allow access to trap.
Where wastes and soil pipes are encased in ply ducting provide adequate access panels.
Where drains run through walls provide concrete lintel over 900mm-min. long length dependent on angle and number of drain runs.
A 50mm gap should be left all round the pipe with the opening covered by a rigid sheet material.
Where pipes pass through walls provide compressible material surround (sealant), approved doc. H diagram 7
Where pipes have less than the minimum recommended cover, necessary protection (compressible material) should be provided as set out in diagram 11 approved doc H1.

DRAINAGE - SURFACE WATER
112.5mm dia. half round u.p.v.c. Gutters to discharge into 68mm dia. downpipes.
Below ground pipework to be 82mm dia. u.p.v.c. Flexible with 100mm-min. pea gravel bed and surround.
Pipes to be laid 1: 70 fall to 1.2m soakaways at 5.0m min. from any building.
All work to comply with Part H3 Building Regulations 1991.

INTERNAL WALLING
Internal walling to be 100mm Tarmac Toplite blocks with 13mm s/c render and skim to both faces.

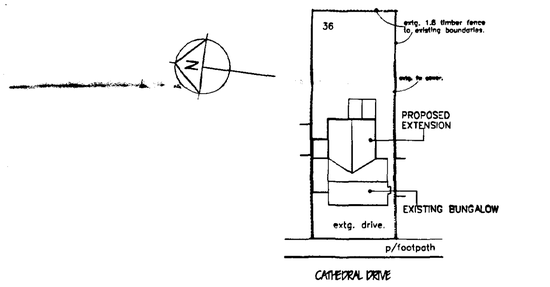
LINTELS
Lintels to be I.G. galvanised steel or similar approved lintel to BS 5977.
Selection and installation to be in strict accordance with manufacturer's instructions.
Provide 150mm-min. end bearing to all lintels with bit. Felt d.p.c. Cavity tray provided in accordance with BS 5628 PART 3: 1985 to all external wall conditions except where protected by eaves overhang.

WINDOWS AND DOORS
All windows to be double glazed and capable of providing not less than 1/20th floor area 'rapid' ventilation of habitable room served. In addition, all habitable rooms to have proprietary trickle vents installed to window frame at high level providing not less than 8000 sq. mm of 'background' ventilation. To kitchen, utility, bathrooms and en-suites provide not less than 4000 sq. mm.
Where patio or French doors provide the only means of ventilation to a room provide 10,000mm vent to frame.
Glazing to be in accordance with Part N Building Regulations 1991.
All external doors and opening lights to windows to be draught sealed.

ADDITIONAL VENTILATION REQUIREMENTS
Mechanical extract ventilation to be provided to kitchen, utility, bathrooms and en-suites.
KITCHEN
Extractors capable of ext. rate not less than 60 litres per second or incorporated in a cooker hood capable of 30 litres per second. Operated intermittently and ducted to exterior of dwelling.
Utility - Extractor capable of ext. rate not less than 30 litres per second. With 15min overrun.
BATHROOM AND SHOWER ROOMS
Extractor capable of ext. rate not less than 15 litres per second with intermittent operation facility.
The above extractor requirements are in addition to trickle vents and opening vents.
WC - Provide mechanical ventilation to internal wc's giving a minimum of 3 air changes per hour, which may be intermittent but should have a minimum 15 minute overrun period

GLAZING
All glazing to windows and doors to be Low E glass with a min air gap of 12mm. (Pilkington K-glass or equivalent).
To be in accordance with Part N1 Building Regulations and BS 6206: 1981.
All glazing to internal doors where fitted to be toughened / laminated safety glass.
All glazing to external doors to be toughened / laminated safety glass except solid doors
Incorporating small glazing area not exceeding 250mm width and 0.5m area, e.g. cottage style.
Patio doors to be fitted with safety glazing.
Double-glazing to all external doors and windows.
Each safety glazed panel to incorporate the British Standard Kite Mark, as means of identification.

SMOKE DETECTION - PART B BUILDING REGS 1991
Mains operated self contained smoke alarms to BS 5446: PART 1 to be installed in circulation areas within 7m of doors to high fire risk rooms and within 3m of bedroom doors. Where more than one alarm is installed they should be interconnected so that detection of smoke by any unit activates the alarm in others.
At least one smoke alarm to be installed to each story containing accommodation, all to be interconnected.
Self contained alarms to be permanently wired to a separately fused circuit at distribution board.
Installation to conform to IEE wiring regulations.
Fixing of smoke alarms should be not less than 300mm from any wall or light fitting.
Where wall mounted units are installed they are to be at a height between 150mm and 300mm below the ceiling.
Positioning of smoke alarms must facilitate routine maintenance.
Occupants of dwellings to be provided with information on use of equipment and its maintenance.



BLOCK PLAN
1:500

MARK DENNIS
architectural services

90 STATION ROAD – SURFLEET – SPALDING
LINCOLNSHIRE – PE11 4DB
TEL: 01775 680183 FAX: 01775 680183

PROJECT TITLE

PROPOSED EXTENSIONS AND ALTERATIONS TO EXISTING BUNGALOW AT: 36 CATHEDRAL DRIVE, SPALDING, LINCOLNSHIRE.

FOR: MR & MRS ROBINSON

SHDC Planning & Development
02 AUG 2002
Ref 0598/02

FLOOR PLAN & ELEVATIONS AS PROPOSED.

REV	DESCRIPTION	DATE	BY
A	working drawings indicated.	jun 02	md
B	building control amendments.	july 02	md
C	alterations to layout & elevations.	july 02	md

SCALE 1:100, 1:50 | DRAWN MD

DATE MAR 02 | DRAWING No. 02.004/01c

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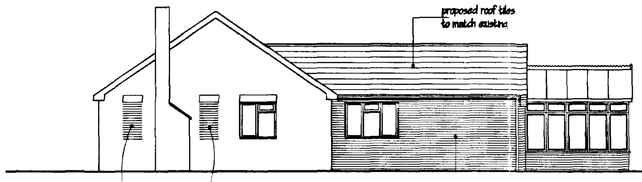
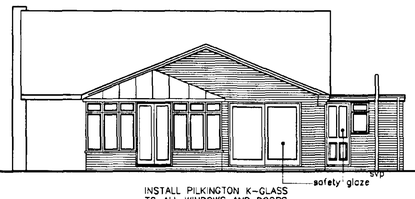


SIDE ELEVATION



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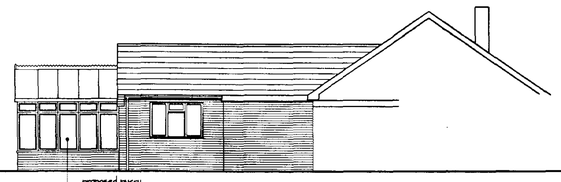

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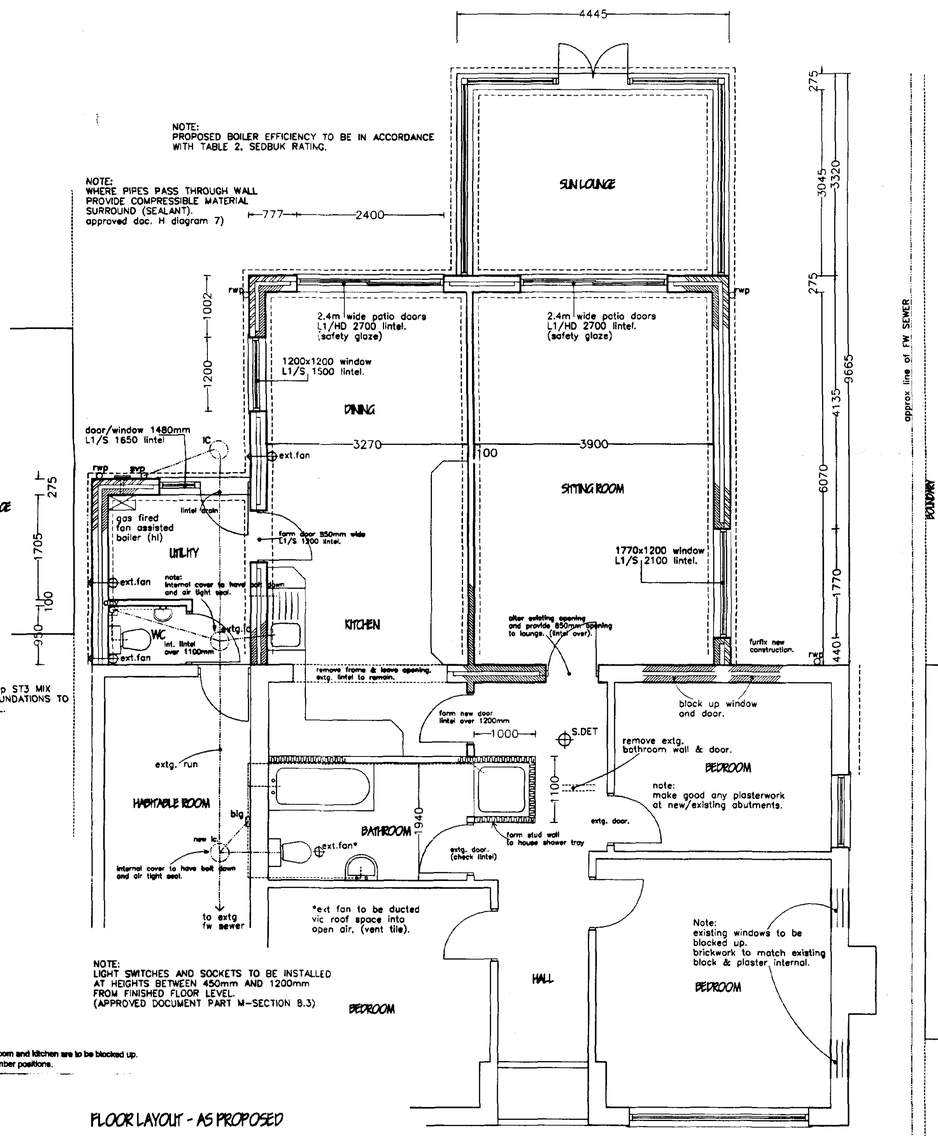

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(APPROVED DOCUMENT PART M-SECTION 8.3)

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Hot water storage system to be vented type.
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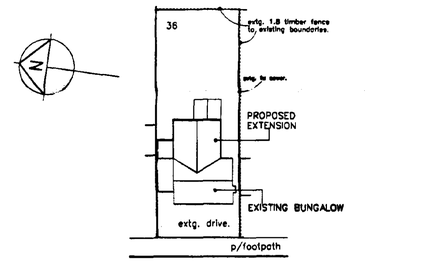

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