

SIDE

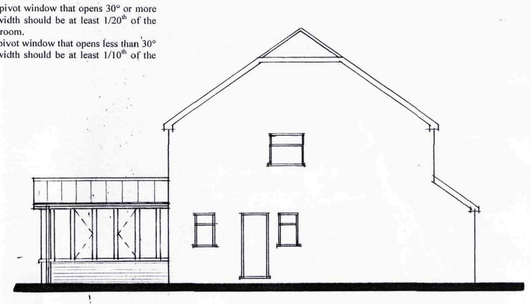


REAR

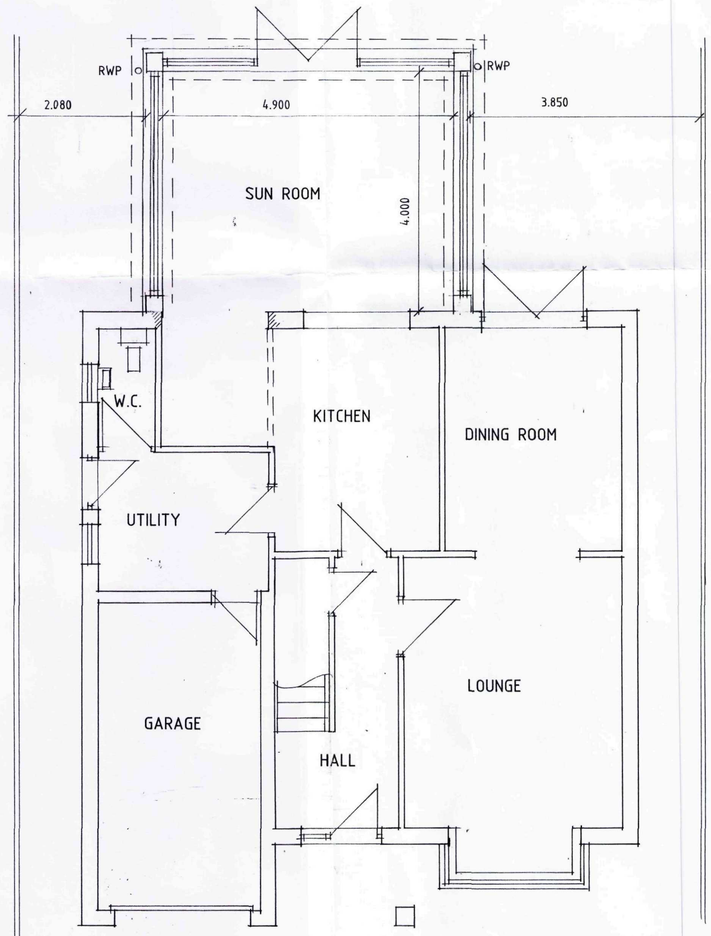
All windows to give minimum 1/20th of floor area as ventilation and to be double-glazed.

Glazing
All windows and doors to be double-glazed with Pilkington 'K' glass or similar approved, to achieve either WER Band C or a 'U' value of 1.6W/m²K.

Purge ventilation to windows
For a hinged or pivot window that opens 30° or more the height and width should be at least 1/20th of the floor area of the room.
For a hinged or pivot window that opens less than 30° the height and width should be at least 1/10th of the floor area.



SIDE



GROUND FLOOR PLAN

Remove existing conservatory to make way for proposed extension.

Remove existing kitchen window.

Remove existing French door to rear of kitchen and enlarge opening, as shown; support over all in accordance with SRC structural calculations.

Proposed extension to have new floor level with existing floor.

Side wall of sun room nearest W.C, to be in line internally with kitchen/W.C. wall, as shown.

External Materials
Redland Cambrian slate to roof, or similar approved. External facing bricks to match those of existing property.

Roof pitch to suit first floor window, approximately 15°, using raised tie type roof trusses.

Provide suitable steel frame to support roof, all in accordance with SRC structural calculations.

New glazing and French door to be white UPVC double-glazed.

Glass to be taken up to raised ceiling line.

To gable end above glazing provide 16mm p.v.c. shiplap board, or similar approved, on 19 x 38mm battens on breather membrane fixed to roof trusses.

Roof overhang to be 400mm to all sides.

Any foul drains found under new extension to be exposed and encased in 150mm concrete.

Roof/Wall Abutments
Provide Code 4 lead flashings and lap over roof covering. Dress up wall a minimum of 150mm (stepped on pitched abutments) and provide d.p.c. cavity tray to make completely watertight.

New/Old Walling
Where new walling meets old provide proprietary flexible wall starters.

Roof Ventilation
At eaves provide proprietary ventilation equivalent to a 10mm continuous gap along eaves.

Ceilings
To all insulated roof ceilings provide 12.5mm Gyproc Duplex plasterboard of 10kg/m² or similar and either 5mm skim or Artex finish. To remaining ceilings provide 12.5mm Gyproc plasterboard or similar with finishes as above.

Ground Floor Construction
65mm sand/cement screed on 100mm Celotex insulation with perimeter insulation to screed on 1200 gauge polythene d.p.m. on 100mm concrete oversite on minimum 150mm, maximum 600mm well blinded and compacted hardcore. Wall d.p.c. to lap floor d.p.m. by a minimum of 50mm.

Sub-structure Walling
100 mm Class A dense concrete blocks. Bitumen felt d.p.c. to external walls 150mm above ground level. Weak mix infill to base of cavities to terminate 225mm below lowest d.p.c. level.

Foundations
As indicated on plan, provide concrete strip foundations. To cavity walls provide 700mm wide x 225mm thick and to 100mm walls provide 450mm wide x 225mm thick, unless noted otherwise. To non-load bearing internal walls thicken out ground floor oversite concrete to 450mm wide x 200mm thick. Widen foundations at chimney breast accordingly and make 300mm thick. Foundations to be taken down to an approved firm base, subject to local authority specifications. Concrete to be ST3 grade unless noted otherwise. Proximity of existing and proposed trees are to be taken into account in accordance with N.H.B.C. chapter 4 when determining foundation depth.

Electrical Work
All electrical work required to meet the requirements of Part P (electrical safety) must be designed, installed, inspected and tested by a person competent to do so. Prior to completion of the works the council must be satisfied that either:-
a) an electrical installation certificate issued under a competent person's scheme has been issued
or
b) an appropriate electrical installation certificate has been issued for the work, and that it has been signed by a person competent to do so.

Background Ventilation
Background ventilation is to be provided by trickle ventilators to the tops of windows. Use trickle vents offering 8000mm² per window head. Ventilation for whole extension to be 25,000mm²

Roof Insulation to Sloping Ceiling
To ceiling slope provide 50mm Celotex GA4000 between rafters and 70mm Celotex CA4000 below rafters with joints taped to create VCL + air leakage barrier batten air space – low emissivity – 12.5mm Knauf wallboard, or similar approved. All to give 0.18W/m²K.

External Wall Construction (300mm cavity)
100mm facing brickwork (see site plan for details)
100mm cavity with 45mm Celotex CW4000
100mm inner skin of Celcon standard blocks.
Cavity wall ties to be stainless steel type spaced 900mm horizontally and 450mm vertically to BS1243:1978. Internal block walls to receive 10mm sand/cement render and skim. Robust details in accordance with T50, 2001

All glazing to meet the requirements of 'Approved Document N – Safety Glazing' in relation to impact, opening and cleaning.

Brickwork below d.p.c. to be F.L. quality

All soakaways to be minimum 1m deep.

All external joinery to be fully draught proofed.

To all domestic floors to external perimeter walls provide 25mm thick insulation dressed up walls to prevent cold bridging.

Seal all openings and joints to perimeter walls.

All doors, windows and any loft hatches to be effectively sealed and draught proofed.

Provide a fibrous separating member between floor screed and insulation and provide chicken wire between insulation and screed.

Make good to all disturbed and affected areas.

Roof Construction
Concrete interlocking roof tiles (see site plan for details) on 38 x 25mm softwood treated timber battens on underfelt to BS747 (Type 1F) lapped 150mm horizontally and 100mm vertically. Prefabricated roof trusses at 600mm c/c and pitch as stated in accordance with BS5268, 1985. Provide 25 x 100mm timber bracing and fix in accordance with truss manufacturers instructions. All trusses and gable ladders *(if any) to be strapped to 50* x 100mm timber wallplate, the gable wall at verges and ceiling level with 30 x 5mm mild steel anchor and lateral restraint straps to span minimum 3 no. trusses at a maximum of 1200mm c/c. At strap positions provide pack and noggins to trusses. Main contractor to supply local authority building control with roof truss calculations 28 days prior to erection on site. Provide concrete padstones at compound truss supports where required by roof design. Water storage tanks to be installed in accordance with Technical Bulletin No. 4I.T.P.A. with timber support members to span 4 no. trusses.

THIS DRG. TO BE READ IN CONJUNCTION WITH SD11-026/1

Heating System
Provide room thermostat or thermostatic radiator valves or similar approved to control the output from the heating system.

Safety Glazing
Provide safety glass to BS6206 to all windows to a minimum height of 800mm above floor level plus doors to a minimum height of 1500mm above floor level. Side screens to be same as doors if within 300mm of doors.

Rainwater Goods
PVC rainwater goods 110mm half round gutters and 68mm diameter downpipes.

Roof Insulation
To roof spaces provide proprietary 300mm thick fibreglass insulation laid as 100mm between joists and 200mm across joists or equivalent to give 0.16 U/value. Ensure a gap of 50mm between roof underfelt and quilt at all times.

Surface Water Drainage
To be proprietary 110mm diameter p.v.c. pipes flexible joined to fall 1:70 bedded in 100mm pea gravel. Pipes to discharge into 1200mm diameter soakaways sited 5000mm away from buildings.

General Notes

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 Architect.

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 Architects so that design amendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.

Please note this drawing is not a conveyance drawing.

Proposed on-site soakaways to be maintained by the owner for the life duration of the property.

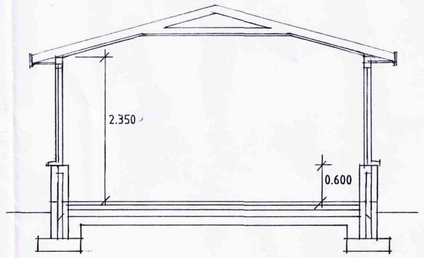
This drawing is limited in the amount of information contained and does not purport to contain a full specification of the works. It is solely for the purpose of obtaining Planning and Building Regulations approvals. This drawing must not be used as a contract document alone. The works will not be supervised or inspected by Status Design unless specifically contracted to do so. It is the client or their agent's responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract, etc.

All materials to be new unless stated otherwise and all components and materials, etc. to be used, fitted and installed, etc. in strict accordance with manufacturers' instructions and relevant Code of Practise. Materials should conform to appropriate British Standard specification or BBA Certificate or European Code equivalent.

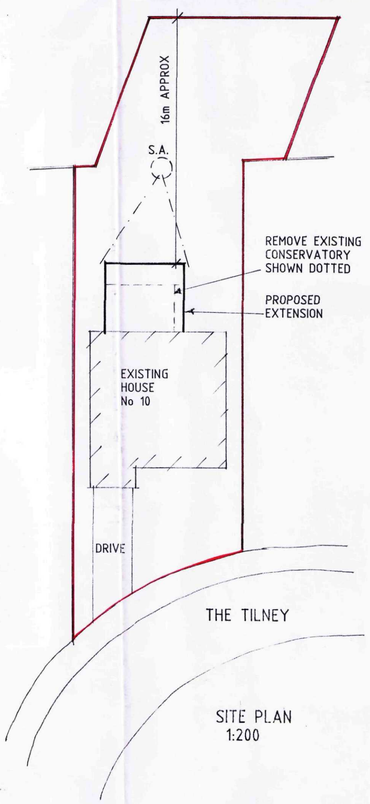
The Employer/Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health and Safety Legislation for Building Sites and Work Places. The Employer/Client is advised that should the works need to comply with the Construction Design and Management Regulations 1994 (CDM) and Health and Safety at Work, etc., Act 1974 (HSW Act) an independent Planning Supervisor will be required, whom should be supplied with a set of all relevant drawings, etc.

The works shall comprise of all that shown on the drawings and information, etc. Works that may not specifically be shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

These notes relate to this drawing and all associated drawings.



SECTION



SITE PLAN
1:200

SHDC
Planning & Development
11 AUG 2011
Ref: 0619-11

B - DESIGN ALTS - 8.8.11
A - IMF. ADDED

Status DESIGN
CONSULTANTS IN ARCHITECTURE & PLANNING

PROPOSED SUN ROOM EXTENSION AT 10 THE TILNEY, WHAPLODE FOR

MR. & MRS. S. WAKEHAM.

PLAN AS PROPOSED

1:50 1:100	SD11-026/2
JULY-11	B.GILHAM.

2 Edinburgh Walk, Holbeach,
Spalding, Lincs. PE12 7AP
Tel: 01406 424343 Fax: 01406 490702