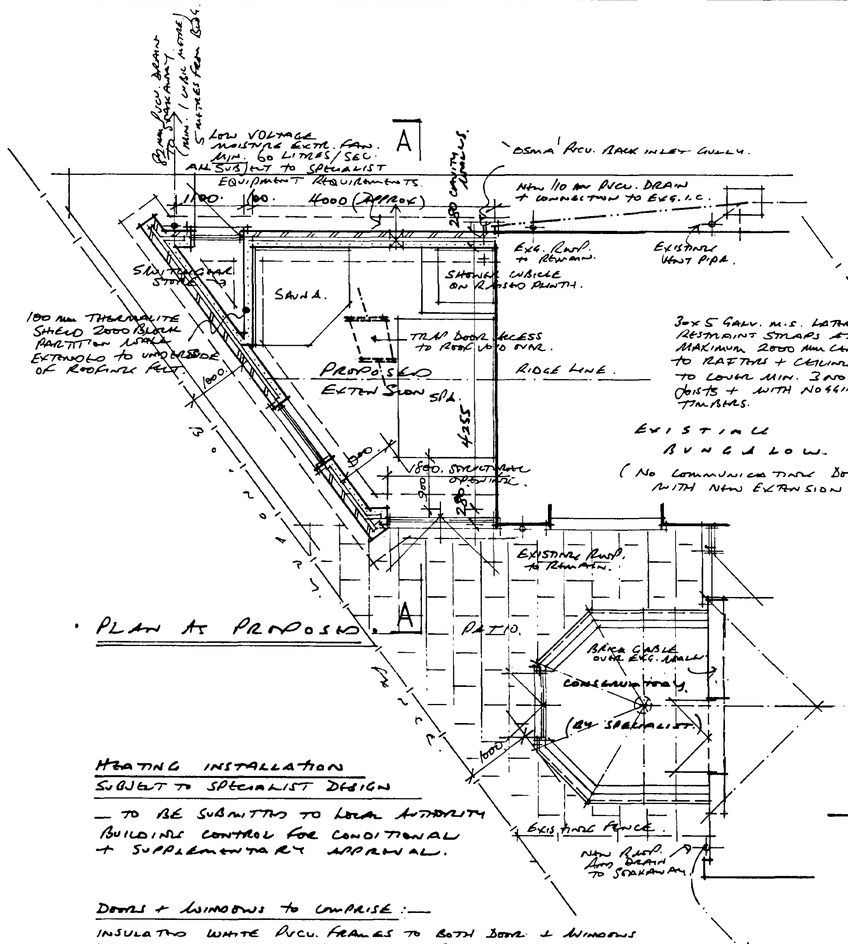



**Heating Installation**
**Subject to Specialist Design**

— to be submitted to Local Authority Building Control for Conditional + Supplementary Approval.

**Doors + Windows to Comprise :—**

Insulated White Recu. Frames to both Doors + Windows
Door Stiles: Top Rail. Lock Rail + Bottom Rail.
Door Head Matched to be Fitted with 5000 mm² Trickle Vent.

All Glazing to be in Safety Glass to Comply with Pt. N1. of the Building Regulations 2000 and to be in Low-E Double Glazed Obscure Glass Units.

**Superstructure Cavity Walls to Comprise :—**

Facing Brick outer Leaf to Match Existing.
75 mm. Cavity Fully Filled with 75 mm 'Jablite' Insulation.
100 mm 'Thermalite Shield 2000' Block Inner Leaf. Finished Inside Plaster.
Walls of Cavity to be Tied together with Stout Galv. Iron Twist Ties at. 900 mm Horizontal Centres. 450 mm Vertical Ccs. Reduced to 225 mm Vertical Centres at Door + Window Reveals.
'Damcor' Insulation Vertical Damp Check to Door + Window Reveals
Set Behind Facing Brick. Leaf.
New Brickwork to be Bonded + Existing to Full Height Both Leaves with Purlin Profiles.

30 x 5 Galv. M.S. Anchors to Wall Plates at Maximum 2000 mm. Centres.

10 mm Wide Eave Ventilation to Full Length of Both Fascias with Guards to Prevent Obstruction to Air Flow by Insulation Material.

250 mm 'Crown 75' Insulation 100 mm Between Ceiling Ties 150 mm over Ceiling Ties (Include to Top Surface of Trap Door).

1.G. Lintels over 2 no Door Openings + 1 no. Window Minimum all with Minimum 150 mm End-Bearings + Installed Strictly in Accordance with Manufacturers Printed Instructions.

30 x 5 Galv. M.S. Lateral Restraint Straps at Maximum 2000 mm Centres to Rafters + Ceiling Joists to Lower Min. 3 no. Rafters + Joists + with Noggings Between Timbers.

50 x 75 Hangers

Ridge Line

350 x 75 x 600 Reinforced Concrete Lintel with Drips Under + Dowels.

R.W. Gutter Extended.

Existing Ramp.

Code 4 Lead Soakers + Flashing.

• Roof Structure Plan •

**Roof Pitch + Upper Surface of Rafters as Existing**

Roof to be Covered with Interlocking Concrete Tiles on Treated Sw. Laths + Underfelt to BSS. 747 Type 1:F. All to Match Existing Roof and all Laid + Applied Strictly in Accordance with the Tile Manufacturer's Printed Instructions Having Regard to Wind Speed, Exposure Rating + Roof Pitch.
All Joints in Underfelt to Lap Min 150 mm.

25 x 150 Ridge Board + Ridge Ties every Third Rafter.
38 x 97 Rafters + Ceiling Joists max 450 mm Centres
38 x 175 Collar at every Third Rafter.
50 x 150 Binder. 50 x 75 Hangers at every Collar.

Parapet Concrete Copings Dwelled + Cramped to Gable Wall Inner.

Code 4 Lead Flashings + Soakers to Gable Abutment.

75 x 100 Wall Plate.

Rainwater Gutter Fascia, Shaft + Eaves Details to Match Existing.

Moisture Exter'n Paint.

Heavy Duty Visqueen 350 c to Both Leaves of Cavity Wall + to Inner Partition Wall.

Min. 70 mm

Min. 150 mm

Height as Recu.

• Section 1A-A •

Floor Finish Material to be Decided on.
50 mm. 1:3 Cement / Sand Screed.
100 mm. 1:12:4 Ready Mixed Concrete.
100 mm. V.A. Jablite Flooring Grade Insulation incl to Adjust Wall up to Floor Level.
1200 g. Polythene Membrane.
Min. 150 mm Blinded Hardcore.

Build up Cable Wall + Roof Structure to Receive Abutment of New Conservatory.

Fibreglass Pre-formed Valleys

Triple Poly-Carbonate Roof Units to Conservatory

New R.W.P.

Brick Corbel Only.

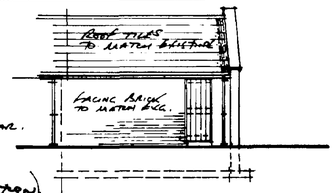
Form Gable to Existing Bungalow Roof to Receive New Conservatory Abutment.

Parapet Gable Wall with P.C. Copings

Pre-Fab New Conservatory.

(True Gable Elevation to show Window Position).

• West Elevation •




Rear (North) Elevation.

• South (Front) Elevation •

**Substructure Walls to Comprise :—**

For Cavity Walls — 2 no Leaves Class 'A' Concrete Blocks in Cement Mortar Each Leaf of 100 mm Thickness with 50 mm Cavity Filled Lean Mix Concrete to Ground Level. Exposed Walling Between Ground Level + D.P.C. to be in Grade F.L. Facing Brick in Cement Mortar.

For 100 mm Internal Partition Walls — 100 mm Class A Conc. Blocks in Cement Mortar.

**Foundations**
(Depth + Details Subject to Building Inspector's Requirements at Time of Excavation)

For 250 mm Cavity Walls. 700 x 225 mm 1:3:6 Concrete.
For 100 mm. Internal Partition Walls. 450 x 225 mm 1:3:6 Concrete.

New Foundations to be Link / Lapped / Dowelled to Existing at Abutments as Required.

SHDC
Planning & Development
-3 APR 2002
PLAN
CONSIDERED
Ref 0398/02

• Proposed Independent Extension to Existing Bungalow to Provide Sauna + Spa Room. •

• 48 Chaucers Way • Spalding • Lincolnshire • for • Mr + Mrs. M. Spiller •

Drawing No. 01 / 69 / 03. Scales 1:50 (Plans + Sections) 1:100 (Elevations) • R.N. Conlinge M.R.I.A.T. Architectural Technologist • 9. Galloway Close • Spalding • PE11 3FL • Tel / Fax (01775) 723836 •

March 2002.