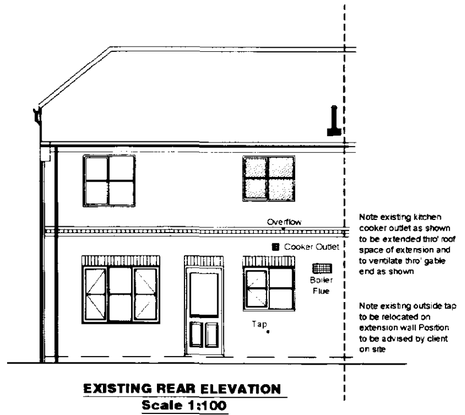
WINDOWS
All windows to be White uPVC double glazed to match existing with 8000mm² trickle ventilators all in accordance with clients requirements.Opening vents to give $\frac{1}{20}$ th of floor area rapid ventilation to all rooms.All glazing to meet the requirements of section N of the Building Regulations and BS6206 class B.All double glazed units to be installed in accordance with BS 6262 and to have a 16mm Air gap with a Low 'E' glass inner pane to achieve a min 'U' value of 2.0 w/m²K.Note all windows to have a perimeter weatherseal both internally and externally.Provide frosted glass to all bathroom and En-suite windows.

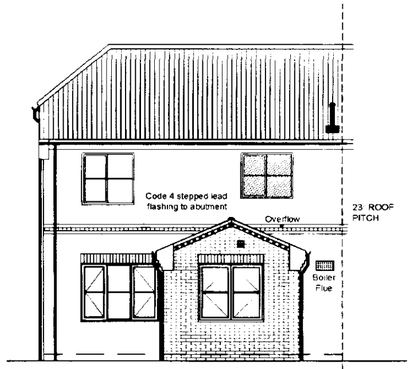
TIMBER WALLPLATES
All timber wallplates supporting roof trusses to be 100mm x 50mm bedded on top of wall.Timber to be SC3 grade.Provide anchor straps as described in notes elsewhere.

LATERAL RESTRAINT STRAPS
Tie roof structure to blockwork wall with 30X5 galvanised mild steel straps at max 1.8m ctrs where rafters and ceiling joists run parallel to blockwork walls.Also fit at max 1.8m ctrs to anchor wallplate to blockwork wall with min 3no. fixings per strap.

RAINWATER DRAINAGE
White uPVC guttering and downpipes to clients approval.Falls for guttering to be 1:600 and brackets fixed at max. 2m ctrs.Downpipes to be connected into underground drains via reducing adapter.Underground drains to be 110mm Ø Osma uPVC or similar approved with flexible joints laid on 100mm peagravel and min 150mm surronds laid to 1:100 falls to new soakaway.Soakaway specification detailed elsewhere.

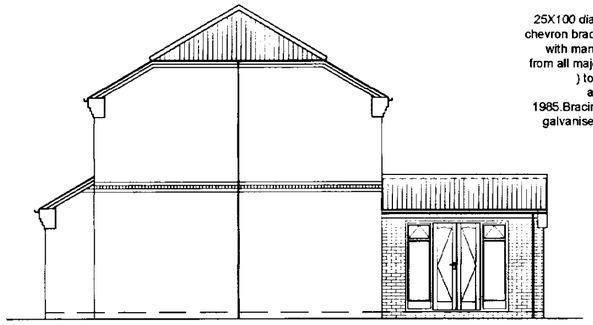


EXISTING REAR ELEVATION
Scale 1:100



Window opening vents to dining room to allow means of escape in an emergency situation.Opening vent to be min.450 wide in each direction with an area of 0.33m².Cill level to be within 800mm & 1100mm of FFL and fitted with egress hinges.

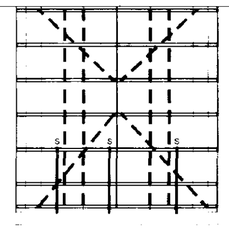
PROPOSED REAR ELEVATION
Scale 1:100



PROPOSED SIDE ELEVATION
Scale 1:100

7no. Trussed Rafters to be fixed at max.600mm ctrs.Roof construction to be designed strictly in accordance with BS5268 Part 3 1985 and to specialist manufacturers design drawings.Calculations to be submitted to the L.A building inspectors approval prior to any materials being placed on order.

25X100 diagonal and longitudinal wind and chevron bracing to be fixed all in accordance with manufacturers details and to be free from all major defects.Lap joints (if required) to be taken over 2no.trusses all in accordance with BS5268 Part 3 - 1985.Bracing to be fixed with 2no.3.35 x 65 galvanised round wire nails at each cross over.

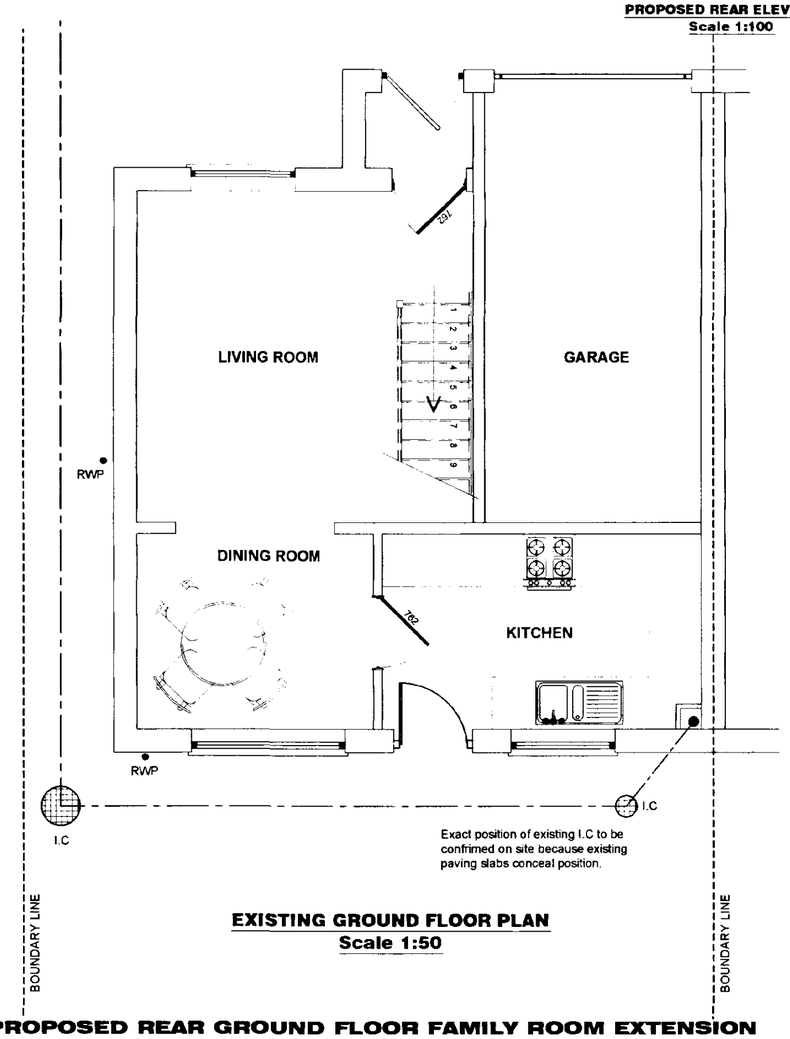


PROPOSED ROOF PLAN
Not to Scale

Soffit and fascia profile to clients requirements fitted strictly in accordance with manufacturer's recommendations

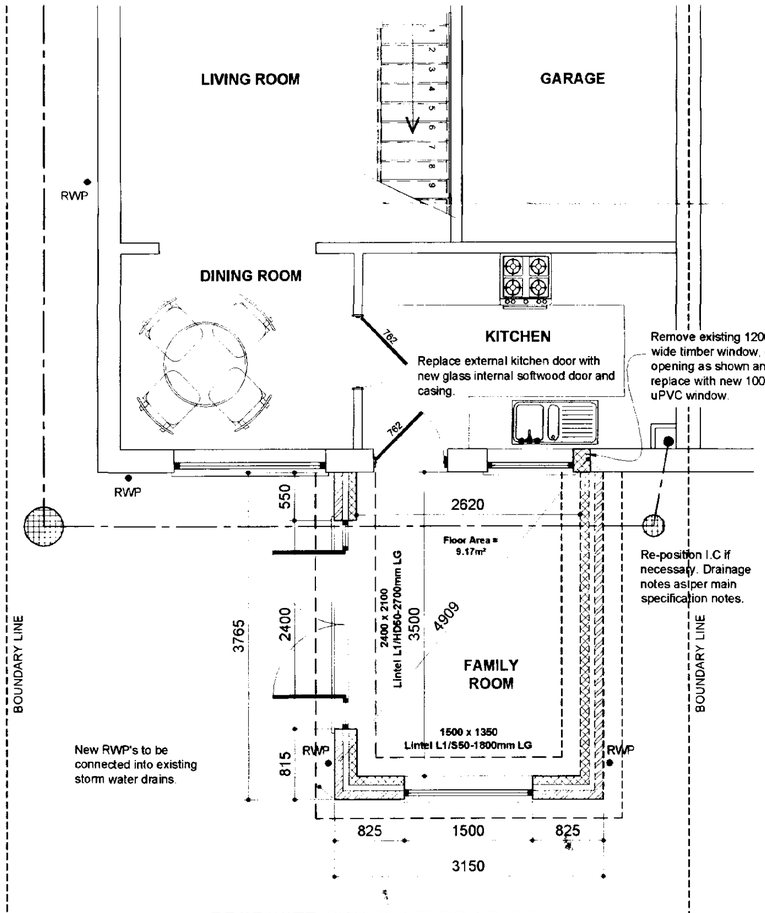
30x5 m/s straps (S) over 2no. trusses at max 2m ctrs to gable ends and ceiling level. 1no.gable strap to be within 500mm of ridge.

Note:provide 50x50 timber noggings for partition head fixing and pendant light fixings.position of light fixings to be agreed on site with client.



Exact position of existing I.C to be confrimed on site because existing paving slabs conceal position.

EXISTING GROUND FLOOR PLAN
Scale 1:50



PROPOSED GROUND FLOOR PLAN
Scale 1:50

PROPOSED REAR GROUND FLOOR FAMILY ROOM EXTENSION

ROOF INSULATION
Lay 300mm mineral fibre insulation to roof area to achieve a 'U' value of 0.16w/m²K.100mm between rafters and 200mm over rafters at right angles to first layer.Fix Dovetail rafter tray in accordance with manufacturers instructions or similar approved where insulation meets roof slope to maintain roof ventilation.

ROOF FINISH
Concrete interlocking roof tiles to match existing in accordance with manufacturers instructions on 50x25 preservative treated timber battens on untearable sarking felt type 1F with min.150mm overlaps.Generally all tiles at perimeter of roof to be clipped and nailed.

ROOF VENTILATION
Roof ventilation to be achieved via soffit level ventilators complete with integral insect proof screens which will supply the roof space with ventilation equivalent to a continuous 10mm gap.Provide at both sides of roof to ensure cross ventilation.

ROOF / LOFT ACCESS
Provide insulated roof access trap door with a fully weathered sealed frame and a 38mm brass bolt or to clients requirements.

WALL TIES
Cavity wall ties to BS1243:1978.To be built into cavity wall as works proceeds and spaced at 900mm centres horizontally,450mm centres vertically and 300mm staggered around all openings.

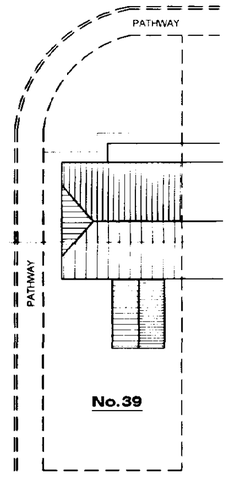
LINTELS
All lintels to cavity wall to be factory insulated I.G.U range unless noted otherwise or equalled approved.All lintels must have a min.150mm endbearing and installed in accordance with manufacturer's instructions. Note: lintels are not to have a continuous baseplate.

CEILINGS
All ceilings to be 12.7mm plasterboard to BS1230. Ceilings to be have Coving and an Artex finish to clients requirements.Plasterboard sheets to be fixed with joints staggered and must be layed perpendicular to all joist runs.Fix boards at a min.150mm centres.

NOGGINGS
Fix 38x38mm timber noggings to all potential loose plasterboard ceiling edges and light fittings.Position of light fittings to be advised by client on site.

INTERNAL JOINERY ,SKIRTING & ARCHITRAVES
All internal finished timber to be free from all defects and to clients approval prior to ordering any materials.

ELECTRICAL INSTALLATION
To be in strict accordance with the latest I.E.E Regulations and Engineer to advise if any appliance or position of appliance does not conform to *regulations. Contractor to seek advice from Client with* regard to lighting requirements.



SITE PLAN
Scale 1:250

SHDC
Planning & Development
16 APR 2003
Ref 0478/03

GENERAL CONDITIONS
Contractors are responsible for checking all dimensions on site when work commences and before ordering any materials.Any discrepancies should be brought to the attention of the Client for remedial action before commencing further

All details shown are based on typical site conditions for that area, any abnormal conditions should be brought to the attention of the Client and Local Authority

The notes shown are mainly to cover the requirements of Building Regulations and should not be treated as full specification

No allowance has been made for any Structural Calculations,a "SAP" calculation, Soil Investigation or Flood Risk Assessment.If deemed necessary then these will be a chargeable extra.All steel beam sizes shown on drawing are all subject to confirmation from Structural Engineer

All materials not specified to be of a standard suitable for the work proposed and be fit for purpose.All work to be in accordance with good building practise and all necessary BS codes for workmanship on building sites

FOUNDATIONS
Existing building area to be stripped of all vegetable matter and rubbish to a min depth of 150mm before excavation commences.Concrete mix for foundations to be GEN3 in accordance with BS5328:1981.Foundations to external wall to be min.700mm wide x 225mm deep.Excavate down to solid firm strata i.e 750mm deep or to existing foundation level (min.1000mm if soil is of a shrinkable nature).Exact depth to suit conditions on site and to the strict approval of the L.A Building Inspector.Any irregularities in subsoil during excavation to be brought to the immediate attention of the Building Inspector & advice to be sought from a Chartered Structural Engineer.

WALLS BELOW D.P.C
3no.Coarses of Class B brickwork below D.P.C on outer face and 1no.coarse of 7N/mm2 on inner skin of cavity face.Elsewhere to be either 7N/mm2 concrete blockwork or full width trench blocks.Both to be within 225mm of DPC level.Cavity to be filled to within 225mm min. of below DPC with lean concrete mix.

GROUND FLOOR
65mm mortar screed with a light gauge reinforcing chicken wire on 500 gauge poythene separating layer on a 60mm Celotex Double R GA2000 rigid insulation board or similar approved, provide 30mm thick perimeter insulation between screed and floor insulation upto d.p.c level on 100mm thick GEN3 concrete sub-floor on a 1200 gauge DPM lapped onto DPC within walls on min.150mm clean and well compacted hardcore.Depth of hardcore must not exceed 600mm and must be compacted in 150mm thick layers.All service entries to be sealed with pressure sensitive tape. Floor to achieve a min 'U' Value of 0.25w/m²K.

DAMP PROOF COARSE (D.P.C)
Horizontal heavy duty polythene DPC "Hyload" or similar approved to all walls in accordance with BS 6515 and set min.150mm above all external ground levels.DPC in walls must be linked / lapped with DPM in ground floor.Provide performed cavity wall trays above windows & doors with weep vents at a max.of 2m centres with a min.of 2no.per opening.

EXTERNAL WALLS
All external walls to be 265mm overall thickness comprising of:
-100mm Brickwork to match existing
-65mm cavity filled with Crown Dritherm (or equal approved) built in as work progresses.
-100mm Thermalite Shield insulating blockwork.
Continue wall insulation at least 150mm below top of perimeter floor insulation and support off wall ties.
External wall to achieve a min 'U' value of 0.35w/m²K.

CAVITIES
Close all cavity walls at jambs with Thermabate or similar approved insulated cavity closers fitted strictly in accordance with manufacturers instructions. Roof insulation to be continuous with wall cavity insulation.

MORTAR
All mortar to be 6:1:1 sand/cement/lime or equally approved and to be a consistent colour throughout duration of contract.Finish mortar joints as agreed with Client on site.

REV DESCRIPTION

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Tel 07815 112 058
Fax 01775 768 921
e-mail jason@remwaydesign.co.uk

Project: Proposed Family Room Extension

Client: Mrs Sally Goemans
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Spalding
PE11 3FA

Date: april'03 | DRG No: SG.01 | REV:

DETERMINED PLAN