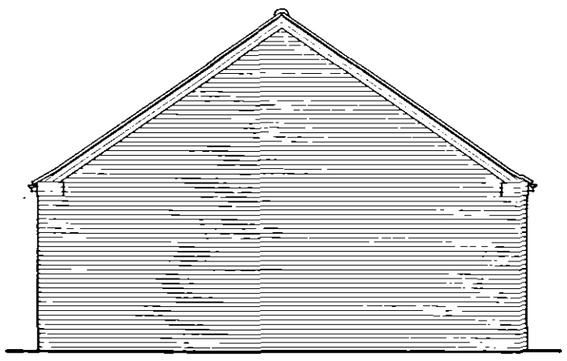
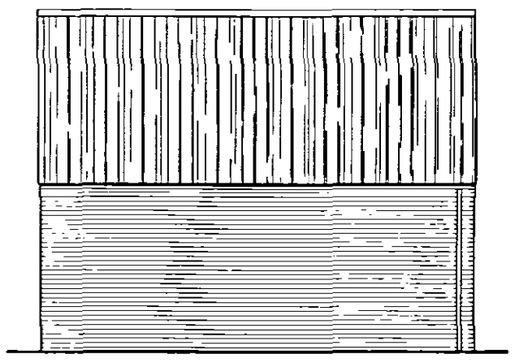
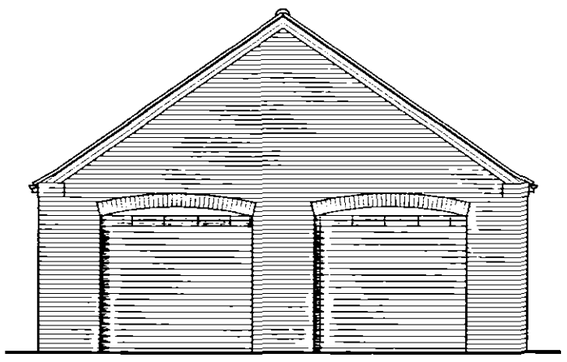


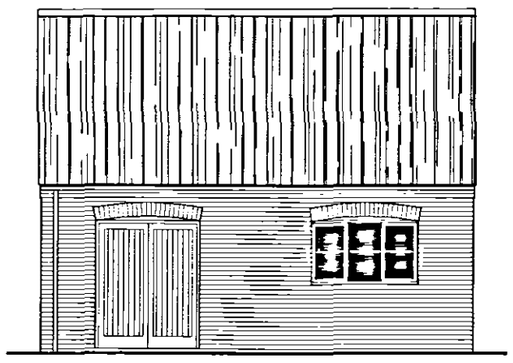
EAST ELEVATION



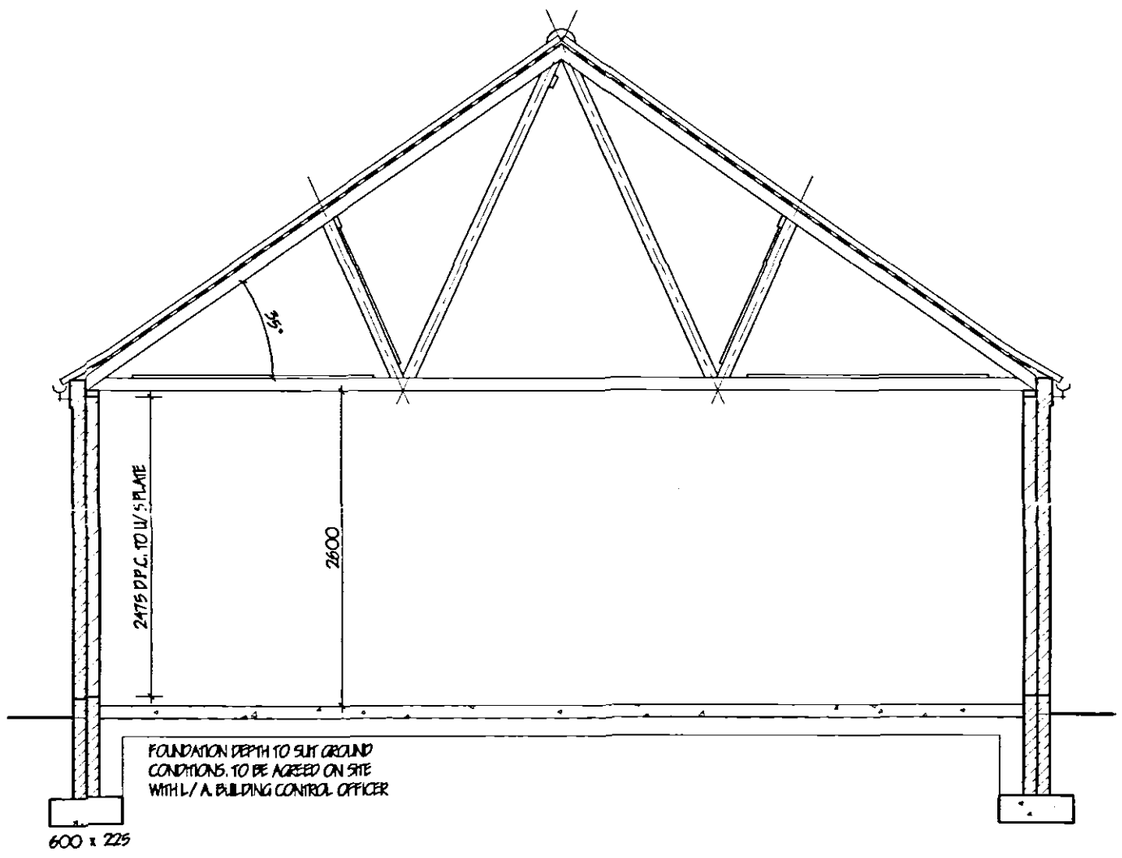
NORTH ELEVATION



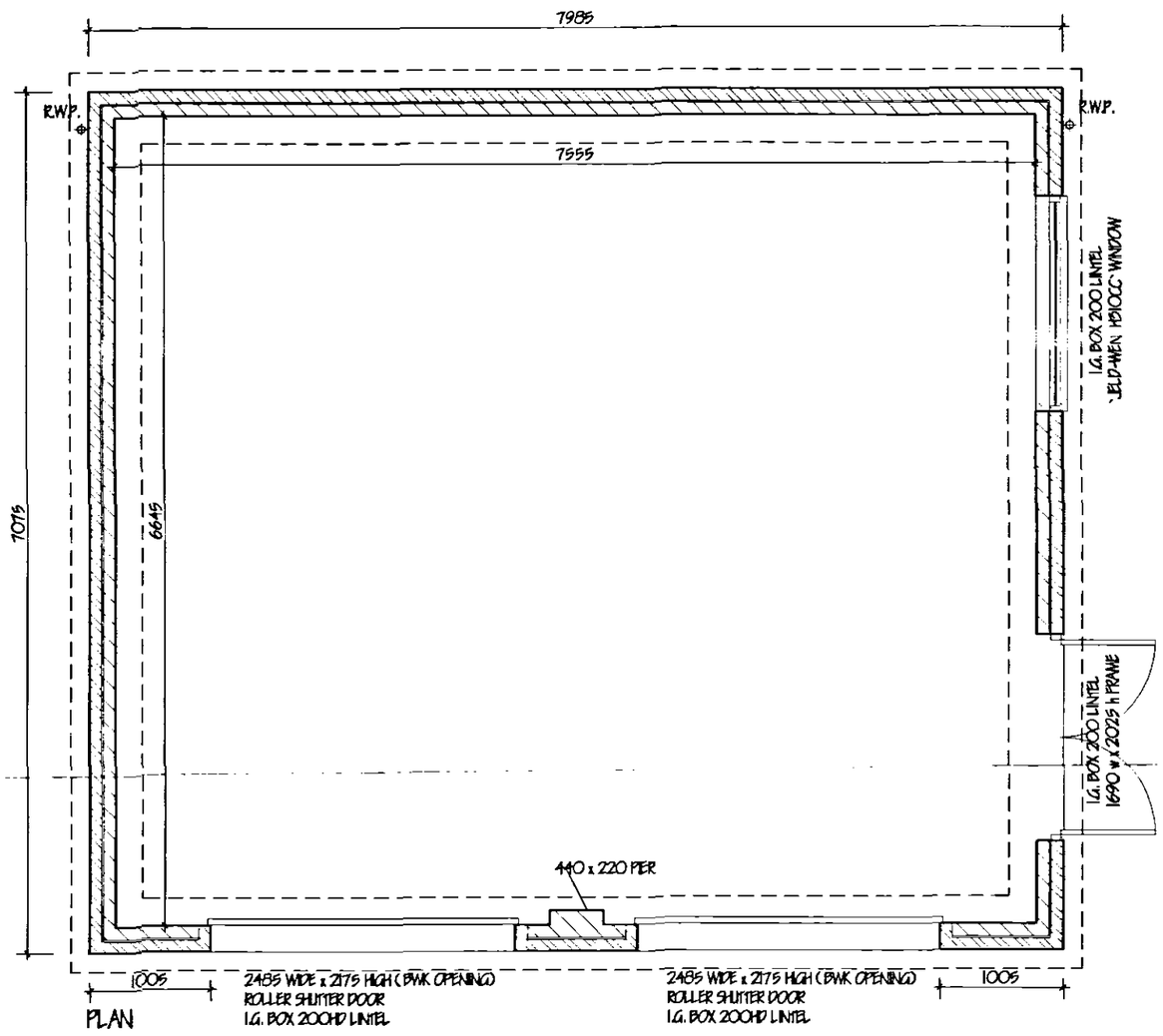
WEST ELEVATION



SOUTH ELEVATION



SECTION



PLAN

PITCHED ROOF CONSTRUCTION.
Interlocking concrete roof tiles to B.S. EN 490 / 491, on 25 x 38 softwood treated battens on 'Dupont' Tyvek Supro membrane in accordance with BBA cert. 04/4101(second issue) in all cases to be lapped by minimum 150mm both vertically and horizontally. Tiles to be laid with min. head lap of 75mm and to be fixed in accordance with regard to wind speed, roof pitch and exposure category as detailed in B. S 6399. Pt 2. Twinplate specialist made prefabricated roof trusses to comply with B.S. 5268 part 3 1988. TRUSS CALC'S TO BE SUBMITTED TO L/A. MIN. 28 DAYS PRIOR TO ERECTION. Trusses to be at 600c/c to a pitch of 35 deg. 38 x 100 ridge node binder 38 x 100 ceiling binders: All trusses to be strapped to wall plate by 30 x 5 galvanised metal straps acting as anchor and lateral restraint straps at max. 1,5m c/c. Note: provide solid bridging beneath straps: 50 x 100 wall plate bedded on sand and cement: 25 x 175 fascia boards: 6mm ext. grade plywood soffit: All structural timber to be min.SC3 grade. stamped 'DRY' or 'KD' to indicate moisture content of 20% or less all in accordance with BS, 4978. Where span of trussed rafter exceeds 5.0m provide additional bracing within the plane of the webb in accordance with Truss Plate Assoc. tech. bulletin sheet 4.

WALLING.
225 walling to consist of face brickwork to B.S. 3921:1974 for clay bricks and B.S. 187:1978 for calcium silicate bricks: 100mm Tarmac Hemelite 3.5 N/mm2 solid insulation blocks or similar: Cavity walls tied together using galvanised iron twist ties set 750 horizontally and 450 vertically to B.S. 1243:1978 wall ties positioned at 300 vertical centres at all unbonded closures of cavity:

SUB STRUCTURE WALLING.
100mm dense concrete blocks to B.S. 6073 pt.1 1981: DPC to external wall positioned in accordance with CP 102 min. 150 above finished ground level: Weak mix concrete infill to base of cavity no closer than 225 to DPC. All brickwork below DPC to be F.L. quality.

FOOTPATHS/DRIVES.
Provide min. 900mm wide footpath positioned at D.P.C. level and min 150mm away from face of wall to perimeter of building. At entrance positions ramp up to top of sub sill min 1:20 . All footpaths to have slight fall away from building. Gap between wall & footpath to be filled with 150mm depth of 20mm washed gravel. Form 1.0m wide footpath from dwelling to road frontage, suitable for wheelchair access.
At least 5.0m of drive adjacent to building x 3.0m wide to be hard standing i.e. Concrete, Tarmac or Block pavors. All to be sloped up to footpath level at min. 1:20

GROUND FLOOR CONSTRUCTION.
Strip all vegetable soil and lay floor as follows 100 concrete over site: Concrete mix GEN4 to B.S. 5328: pt1 1991:on 1200g polythene D.P.M. lapped continuous with D.P.C. by min. 100mm: 150 blinded and consolidated hardcore.

FOUNDATIONS.
Under walls as shown provide 600 x 225 strip concrete foundations as follows GEN4 mix to B.S. 5328: pt1 1991. All foundations taken down to bear on load bearing strata min. depth of 450mm below ground level to underside of foundations: should shrinkable soil conditions be found on site then foundations shall be taken down to a minimum depth of 750mm below ground level.

SHDC
Planning & Development
10 JAN 2005
Ref: 0024/05

LIMITATIONS.
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/Building Regulation approval.
The drawing must not be used as a contract document alone.
All dimensions shall be taken from site from actual work. Under no circumstances shall measurements be scaled from this drawing for construction or ordering purposes.
All given dimensions shall be checked by the Builder/Contractor and will be his responsibility from commencement of site works.
The works will not be supervised or inspected on site by G.R. Merchant. or any representative thereof. It is the client or their appointed agents responsibility to control workmanship, substitution of materials, adherence to specification, variations to contract etc.

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STANDARDS.
All materials to be new unless otherwise stated and all components and materials etc. to be used fitted and installed etc. in strict accordance with manufacturers instruction and relevant Code of Practice.
Materials shall conform to appropriate British Standard Specification or BBA Certificate or European Code equivalent.

HEALTH & SAFETY.
The Employer/Client shall ensure that the selected contractor is conversant with and adopts all measures necessary to achieve compliance with Health & 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 an independant Planning Supervisor will be required.

SCOPE OF THE WORKS.
The works shall comprise of all that is shown on the drawing and details. Work that may not be specifically shown but may be reasonably inferred as necessary to carry out the works shall be deemed to be included.

ref:	revision	date
B	HANDED	DEC. '04
A	PIER BETWEEN DOORS	DEC. '04

G. R. MERCHANT
I.ENG AMICE FIWO
ARCHITECTURAL, STRUCTURAL AND LAND DRAINAGE CONSULTANTS
Unit 4, Wrights Mews
12A Park Road, Holbeach,
Spalding, Lincs. PE12 7EE
Tel: 01406 490800
Fax: 01406 425744
E-Mail: G. R. Merchant @ Merchant. Fs. Co. UK

Project
REPLACEMENT DWELLING
BRIDGE FARM
OLD FENDYKE
WESTON HILLS

Client
MR & MRS G. CARSON

DETERMINED PLAN

Drawing
DOUBLE GARAGE

Job Ref.	Drawing No.
895-04	03-B
Date: JULY '04	Drawn: J.C.

Scales
1:50 1:100

DO NOT SCALE FROM THIS DRAWING

This drawing is copyright and may not be altered, traced, photographed or used for any other purpose other than that for which it is issued.
The General Contractor is to check all dimensions on site and report any discrepancies to the Architect.
All details shown on this drawing including foundations are based upon typical site conditions related to the area. No responsibility can be accepted for abnormal conditions which may be discovered during construction unless reported to the Architect so that design ammendments may be considered. Site soil surveys are recommended in respect of foundations to establish specific site conditions before foundation work is undertaken.