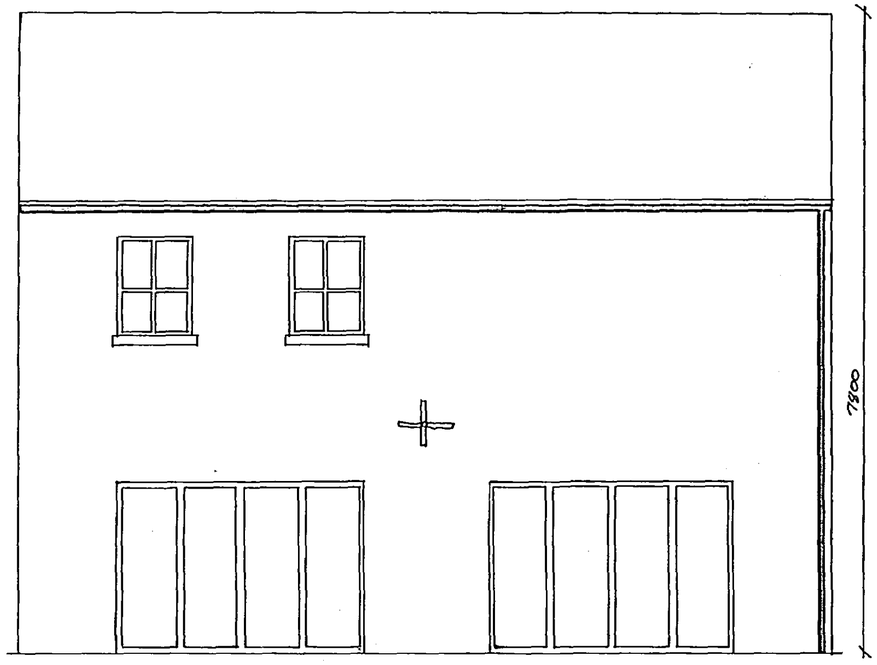
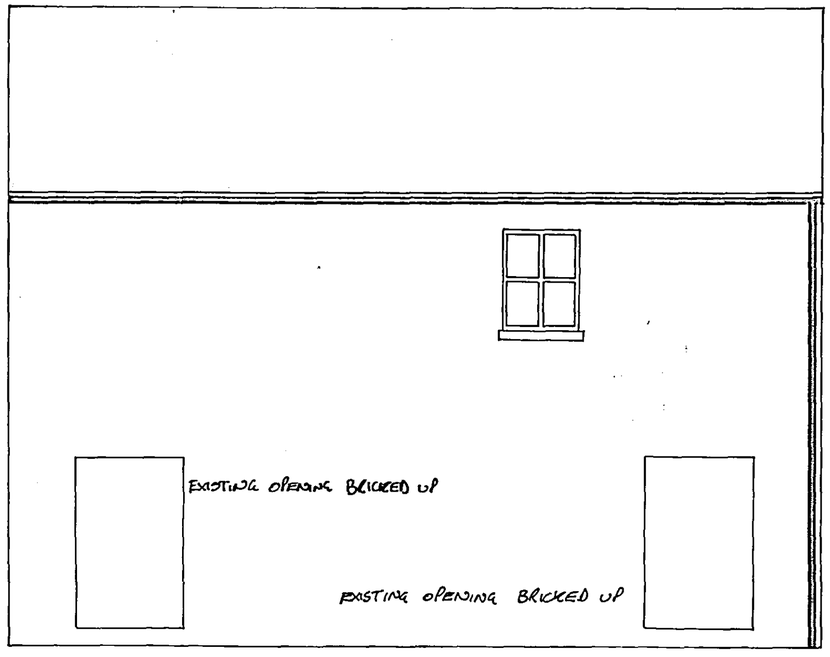


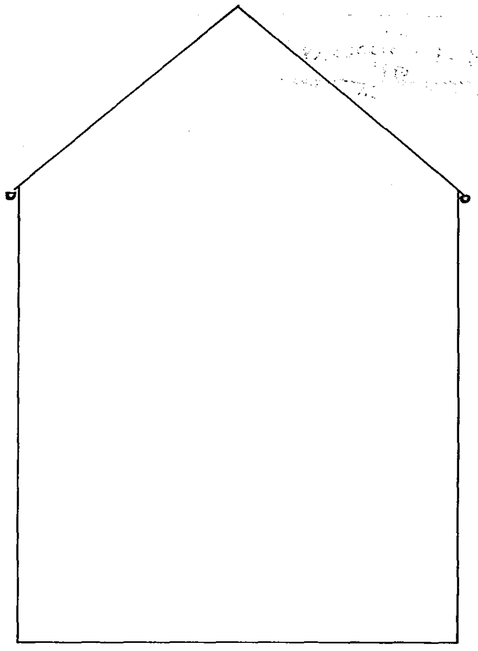
FRONT ELEVATION

NEW OPENINGS FORMED IN EXISTING 350MM BRICK WALLS AT GROUND AND FIRST FLOOR LEVELS. LINTOLS TO BE INSTALLED APPROPRIATE TO WIDTH & DEPTH OF OPENING, EITHER CATNIC OR SPANLITE OR TO STRUCTURAL ENGINEERS DESIGN. TIMBER WINDOWS AND FRENCH DOOR SETS WITH SIDE PANELS BY BOULTON & PAUL TO BE INSTALLED. ALL WINDOWS TO BE TOP HUNG WITH 1/20TH FLOOR AREA NATURAL VENTILATION AND 8000MM TRICKLE VENT TO HEAD OF EACH WINDOW & DOOR. GLAZING IN CRITICAL LOCATIONS TO BE TOUGHNED SAFETY GLASS IN ACCORDANCE WITH BS 6206 AND TO COMPLY WITH APPROVED DOCUMENT N. ALL GLAZING TO BE 24MM DOUBLE GLAZED UNITS WITH LOW E COATING AND TO ACHIEVE U-VALUE OF 2.0(W/M²K).



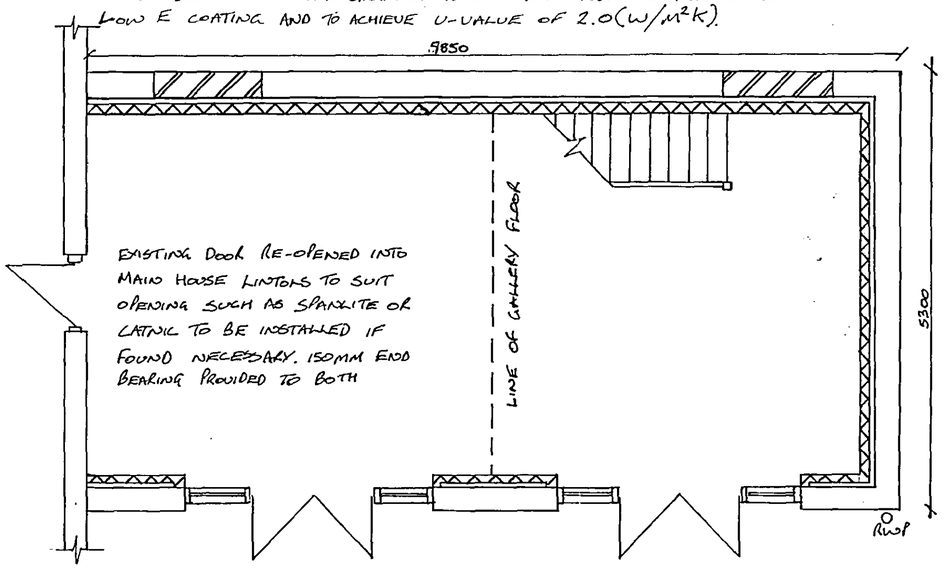
REAR ELEVATION

TWO No. DOORS AT GROUND FLOOR LEVEL TO BE INFILLED WITH RECLAIMED BRICKS FROM FRONT ELEVATION OPENINGS. DPC'S INSTALLED TO TIE IN WITH NEW GROUND FLOOR DPM. TIMBER WINDOW INSTALLED AT FIRST FLOOR LEVEL WITH APPROPRIATE LINTOLS TO SUIT WIDTH & DEPTH OF OPENING, EITHER CATNIC OR SPANLITE WITH 150MM END BEARING OR TO STRUCTURAL ENGINEERS DESIGN. STONE WINDOW CILLS TO MATCH EXISTING HOUSE CILL'S.



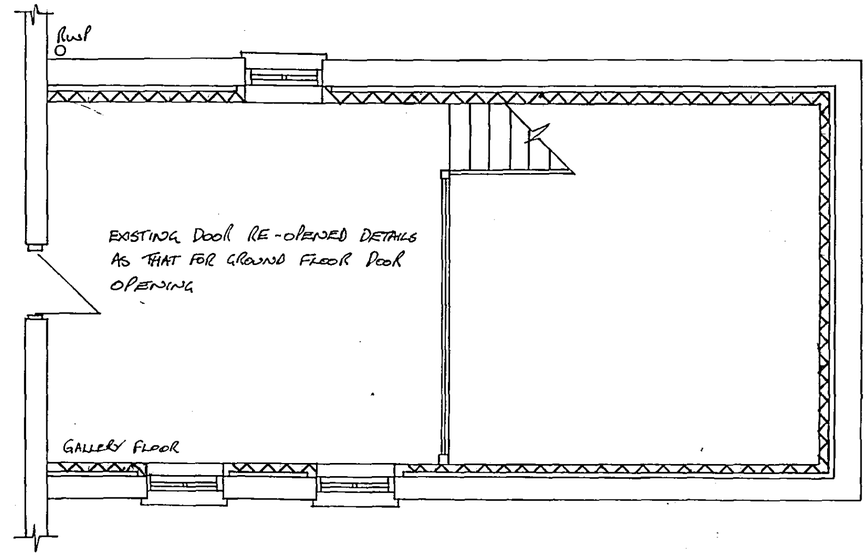
SIDE ELEVATION

EXISTING ROOF STRUCTURE TO BE RETAINED. TIMBERS TO BE RENEWED AND REPLACED WHERE NECESSARY AND UPON FURTHER INVESTIGATION. SLATES TO BE REMOVED TO ALLOW TYVEK SUPRO PLUS OR KLOBER PERMOFORTE BREATHER MEMBRANES TO BE INSTALLED. SLATES REPLACED ON 38×25MM TIMBER BATTERNS



GROUND FLOOR PLAN

NEW INTERNAL SKIN OF BLOCKWORK BUILT OF FOUNDATION BY ENGINEERS DESIGN TO COMPRISE 100MM CONCRETE BLOCK WITH DENSITY OF 3.5N/MM². WALL TIES TO BE 'ANCON' SDB 100MM FRAME CRAMP SCREW FIXED TO INNER FACE OF EXISTING BRICKWORK AT SPACINGS OF 450MM x 900MM AND AT EVERY BLOCK COURSE AROUND OPENINGS. 50MM CAVITY TO BE FORMED WITH FULL FILL 'ROCKWOOL' INSULATION QUILT OR BATTS TO GIVE OVERALL U-VALUE OF 0.35(W/M²K). BLOCKWORK TO BE RETURNED AT REVEALS AND CAVITIES CLOSED WITH INSULATED CAVITY CLOSERS/DR.'S SUCH AS 'DAMCOR' OR SIMILAR. ALTERNATIVELY USE 'THERMABATE' CAVITY CLOSERS TO LIMIT COLD BRIDGING. ALL CAVITIES TO BE CLOSED AT EAVES LEVEL.



FIRST FLOOR PLAN

FIRST FLOOR TO BE FORMED BY 50 x 225MM JOISTS AT 450MM CENTRES WITH SOLID STRUTTING AT MID-SPAN. JOISTS TO BE BUILT INTO INNER SKIN OF BLOCKWORK WITH ENDS CUT SO AS NOT TO BRIDGE CAVITY. FLOOR JOISTS TO BE DOUBLED UP AT EDGE OF GALLERY FLOOR. FLOORING TO BE AS CLIENTS SPECIFICATION. CEILING BENEATH GALLERY FLOOR TO BE UNDERDRAWN WITH 9.5MM PLASTERBOARD AND SKIM

RAINWATER TO BE DISCHARGED BY WAY OF 100MM HALF ROUND EAVES GUTTER OR SIMILAR TO 63MM DIA. RAINWATER PIPES. SURFACE WATER TO DISCHARGE TO EXISTING SYSTEM OR 1/M³ CHAMBE SOAKAWAY MINIMUM 5M FROM BUILDING

NEW STAIRCASE LEADING TO GALLERY FLOOR TO BE OF TIMBER CONSTRUCTION WITH MAXIMUM PITCH OF 42° RISE TO BE 14 No @ 200MM, GOINGS TO BE 13 No @ 220MM. HANDRAIL TO BE 900MM ABOVE PITCH LINE OF STAIRS AND TO EDGE OF GALLERY FLOOR. VERTICLE BALUSTERS TO BE USED SUCH THAT A 100MM SPHERE WILL NOT PASS THROUGH

WHERE STRUCTURAL BEAMS INSTALLED ALL TO RECEIVE 30 MINS FIRE RESISTANCE BY WAY OF 12.5MM PLASTERBOARD & SKIM

CENTRAL HEATING SYSTEM FOR MAIN HOUSE TO BE EXTENDED TO COVER EXTENSION AND TO COMPLY WITH REQUIREMENTS OF PARTS J AND L1 OF THE BUILDING REGULATIONS 2000

SCALE OF DRAWING 1:50 TO BE READ IN CONJUNCTION WITH PHOTOGRAPHS.

DETERMINED PLAN

DRWG No 1

LOCATION - MILL GREEN HOUSE, MILL GREEN LANE, PINCHBECK, SPALDING, PE11 3EY
CLIENT - MR & MRS W.R. ROGERS
PROPOSAL - ALTERATIONS TO EXISTING ATTACHED BARN TO FORM EXTENSION AND DWELLING

SHDC Planning & Development
14 MAY 2004
Ref: 633/04