



SCALE 1:100

- 1) DOORS, WINDOWS + ROOFLIGHT TO BE DRAUGHT SEALED, + FRAMES SEALED INTO WALLS / ROOF WITH MASTIC. + BE OF 'SECURE DESIGN' TO BS PAS 24:2012 OR EQUIVALENT
- 2) CAVITIES AROUND OPENINGS, INCLUDING LINTELS TO BE INSULATED TO PREVENT 'COLD BRIDGING', + CLOSSED WITH 1/2 H.F.C RESISTANT MATERIAL
- 3) ALL ELECTRICAL SWITCHES + SOCKETS TO BE LOCATED BETWEEN 450 + 1200 (1/6 + 3/11) ABOVE FLOOR
- 4) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED + TESTED IN ACCORDANCE WITH BS 7671 (16F WIRING REGS - LATEST EDITION) + WORK UNDERTAKEN BY AN INSTALLER REGISTERED UNDER SUITABLE 'ELECTRICAL SELF CERTIFICATION SCHEME' OR QUALIFIED PERSON SUPPLYING A CERTIFICATE OF COMPLIANCE TO BUILDING CONTROL UPON COMPLETION.
- 5) PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING 'EFFICIENT LAMPS' MIN 75 LUMENS PER CIRCUIT WATT.
- 6) EXTERNAL LIGHTS TO BE EITHER 'EFFICIENT' AS ABOVE, OR ON A TIMER + AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- 7) GLASS PANELS IN DOORS TO BE TOUGHENED / LAMINATED TO BS 6206 (1988)
- 8) ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE
- 9) ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY, EXISTING MAINS Foul + SURFACE WATER SEWERS SERVE.
- 10) + KITCHEN / LIVING / DINER TO HAVE OPENING DOORS / WINDOWS EQUAL TO 1/20 TOTAL FLOOR AREA. 3 OFF 8000mm (31A) TRIOLE VENTS, + 60 LITRE / SEC CAPACITY EXTRACTION FAN, MIN 45 DBL AT NORMAL RUNNING
- 11) + UTILITY / STOREROOM, ANY SIZE OPENING VELUX, 4000mm (16W) TRIOLE VENT, + 30 LITRE / SEC EXTRACTION FAN.
- 12) REIN FLOORING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION.
- 13) SPACE HEATING TO BE PROVIDED BY EXISTING MAINS GAS COMBI BOILER + RADIATOR SYSTEM EXTENDED.
- 14) TRUSS MANUFACTURED TO PROVIDE DETAILS / CALC'S TO BUILDING CONTROL UPON REQUEST.
- 15) EXISTING MAINS OPERATED FIRE DETECTION ALARM SYSTEM TO BS 5839-6, 2004, 'GRADE D', CATEGORY LD3, TO BE EXTENDED TO INCLUDE A HEAT ALARM (1) IN UTILITY, TO BS 5446-2, LOCATED ON CEILING MIN 300 (12) FROM WALLS + LIGHT FITTINGS, + FITTED WITH STANDBY POWER SUPPLY (EG BATTERY). ALL INTERCONNECTED + ON SINGLE INTERRUPTED CIRCUIT.
- 16) HOMEOWNER TO BE PROVIDED WITH AN EXISTING HOME VENTILATION GUIDE, BY BUILDER PRIOR TO COMPLETION
- 17) CONSERVATION OF ENERGY DETAILS - EXTENSION

15) CONSERVATION OF ENERGY DETAILS - EXTENSION

U VALUE OF GROUND FLOOR ... 0.18. U VALUE OF WALLS ... 0.18. U VALUE OF CEILING ... 0.15

INTERNAL FLOOR AREA OF EXTENSION ... 24.7808 m² ... 25% = 6.1952 m² ... 9.9662 m² (MAX NEW OPENINGS AT BASIC U VALUES)

AREA OF OPENING LOST DUE TO EXTENSION = 3.101 m²

AREA OF DOOR + WINDOWS, U VALUE, 20mm gap D/G, EG SYSTEM 3, 1.1 METRAL LOW E, AIRFILL U VALUE 1.4 = 8.38 m² } 8.809 m²

AREA OF ROOF/SLAB TIMBER, D/G, VELUX SPACER GLAZING TYPE GC4 LOW E U VALUE 1.3 = 0.42 m² } 0.42 m²

PROPOSED EXTENSION AT 13 WINDERMERE
GARDENS, MILLOM, CUMBRIA FOR MR A WAUGH

27-5-21

R. A. WALKER
1 MAY 1941 - 20 JUL 1941

1821

SCALE 1:250 SD. 171.796
R.A. WALKER 19