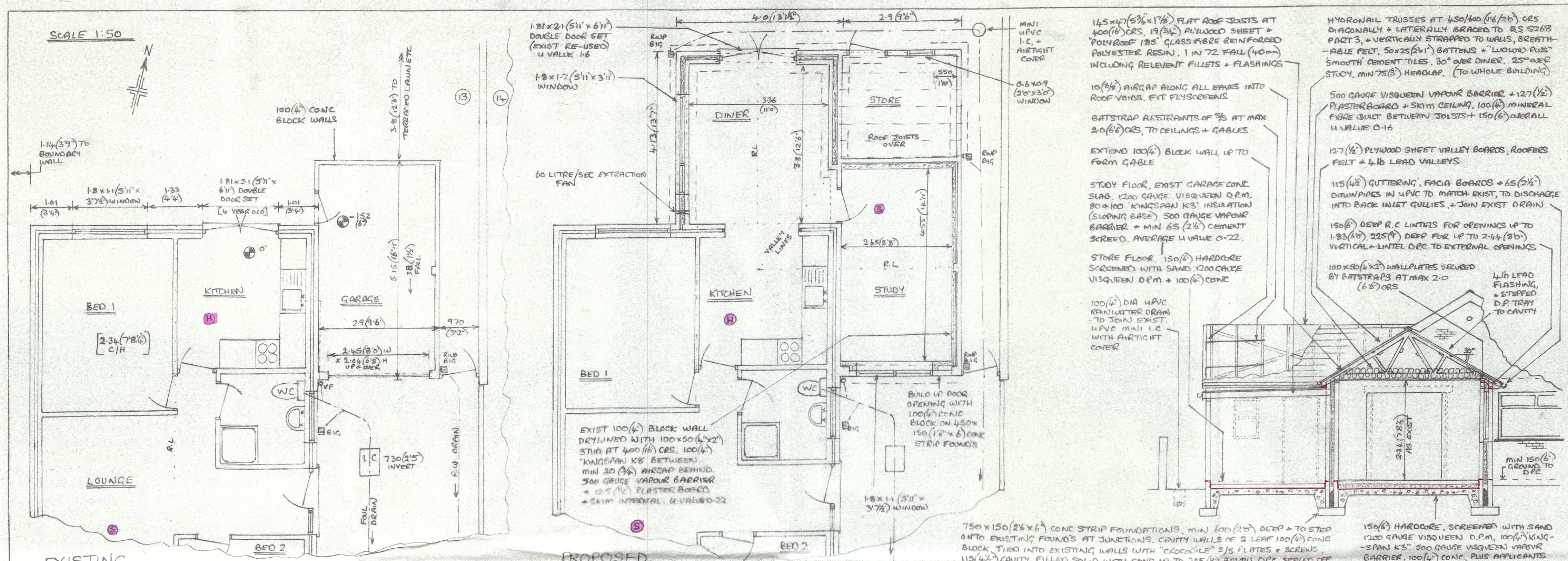




1. ROOF COVERING TO BE MARLEY 'LUDLOW PLUS' SMOOTH GRAY CEMENT TILES. * 'POLYROOF 185' GRAY GLASS FIBRE TO STORE.
2. EXTERNAL WALL FINISH TO BE RAUGHCAST, PAINTED WHITE TO MATCH EXISTING.
3. WINDOWS * DOUBLE DOORS TO BE WHITE UPVC TO MATCH EXISTING.
4. DOORS * WINDOWS TO BE DRAUGHT SEALED, FRAMES SEALED INTO WALLS WITH MASTIC. * BE OF 'SECURE DESIGN' TO BS PAS 24: 2012.
5. CAVITIES AROUND OPENINGS, INCLUDING LINTELS TO BE INSULATED TO PREVENT COLD BRIDGING. * CLOSED WITH 1/2 HOUR FIRE RESISTANT MATERIAL.
6. ALL ELECTRICAL SWITCHES * SOCKETS TO BE LOCATED BETWEEN 450 + 1200 (16" + 31") ABOVE FLOOR.
7. ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED * TESTED IN ACCORDANCE WITH BS 7671 (SEE 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.
8. PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING 'EFFICIENT' LAMPS. MIN 40 LUMENS PER CIRCUIT WATT.
9. EXTERNAL LIGHTS TO BE EITHER 'EFFICIENT' AS ABOVE, OR ON A TIMER * AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
10. GLASS PANELS IN DOORS, * ANY WINDOW PANEL LESS THAN 800(27 1/2") ABOVE FLOOR, TO BE TONGUED/LAMINATED TO BS 6206 (1981).
11. ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE.
12. ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY. EXISTING FOUL, * SURFACE WATER SEWERS, SERVE.
13. STUDY TO HAVE OPENING WINDOW EQUAL TO AT LEAST 1/20 FLOOR AREA, * 8000mm² (13m²) TRICKLE VENTILATION.
14. DINER TO HAVE OPENING DOORS * WINDOWS EQUAL TO AT LEAST 1/20 FLOOR AREA OF DINER * KITCHEN COMBINED, * 8000mm² (13m²) TRICKLE VENTILATION, * 60 LITRE/SEC CAPACITY EXTRACTION FAN. (30 LITRE/SEC IF COOKER HOOD)
15. STUDY TO ALSO HAVE AN OPENING WINDOW WITH A MINIMUM OPENING CLEAR AREA OF 0.33m², * WITH A MINIMUM CLEAR DIMENSION OF 450(16") IN ANY DIRECTION. EG 450x750 (16" x 24") OR 600(20") SQ. AS ALTERNATIVE MEANS OF ESCAPE IN CASE OF FIRE, * WITH BOTTOM OF OPENING NO MORE THAN 1100 (3'7 1/2") ABOVE FLOOR.
16. REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION.
17. SPACE HEATING TO BE PROVIDED BY EXISTING MAINS GAS 'COMB' BOILER, * RADIATOR SYSTEM-EXTENDED.
18. TRUSS MANUFACTURER TO PROVIDE DETAILS/CALCS TO 'BUILDING CONTROL' UPON REQUEST.
19. CONSERVATION OF ENERGY DETAILS-EXTENSION/CONVERSION

U VALUE OF GROUND FLOORS ... 0.22, U VALUE OF WALLS ... 0.22 & 0.26, U VALUE OF CEILINGS ... 0.16.

INTERNAL FLOOR AREA OF EXTENSION/CONVERSION ... 24.955 m², 25% = 6.238 m², 10.039 m² (MAX NEW OPENINGS AT BASIC U VALUES)

AREA OF OPENING LOST DUE TO EXTENSION ... 3.801 m²

AREA OF DOORS, FULLY D/G, UPVC, (EXISTING RE-USED - 4 YEAR OLD) ASSUMED TO HAVE U VALUE 1.6 ... 3.801 m² } 8.661 m² (OR)

AREA OF WINDOWS, UPVC, 20mm GAP D/G, EQ. SYSTEM 3, 1.1 NEUTRAL LOW'E, AIR FILL ... U VALUE 1.4 = 4.286 m²

EXISTING MAINS OPERATED FIRE DETECTION/ALARM SYSTEM TO BS 5824-6, 2004, GRADE D, CATEGORY LD 3, TO BE EXTENDED TO INCLUDE SMOKE ALARM (S) IN STUDY, TO BS EN 14604, MIN 300(12") FROM WALLS * LIGHT FITTINGS.

PROPOSED CONVERSION & EXTENSION AT 13 WINDERMERE GARDENS, MILLOM, CUMBRIA, FOR MR. I. HARTLEY.