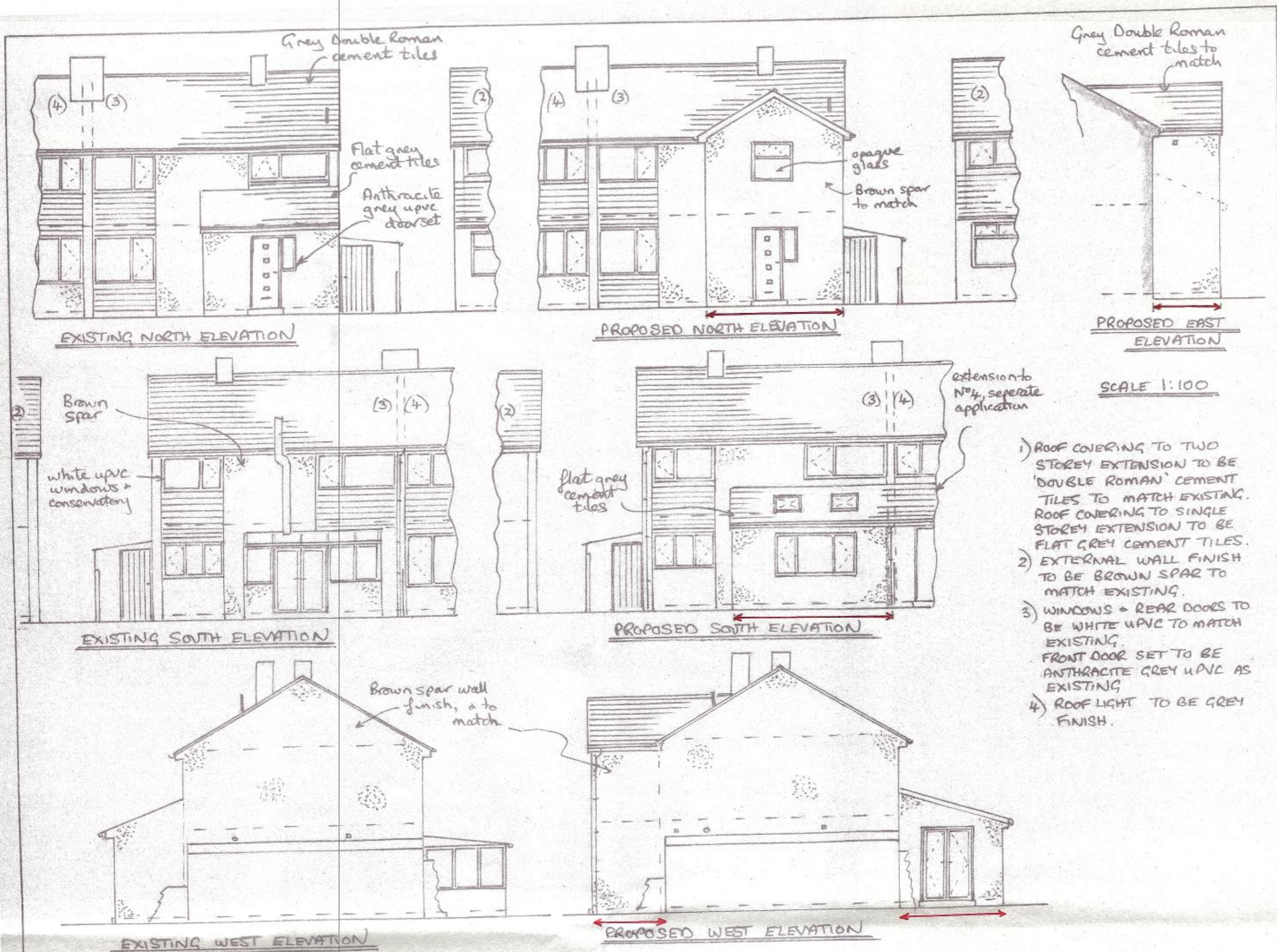




- 5) ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE.
- 6) REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION, 150(6) DEEP UP TO 1.83(60) + 225(9) DEEP UP TO 2.44(80) OPENINGS.
- 7) DOORS, WINDOWS + ROOFLIGHTS TO BE DRAUGHT SEALED, + FRAMES SEALED INTO WALLS/ROOF WITH MASTIC + BE OF 'SECURE DESIGN' TO B.S. PAS 24: 2012, OR EQUIVALENT.
- 8) CAVITIES AROUND OPENINGS, INCLUDING LINTELS, TO BE INSULATED TO PREVENT COLD BRIDGING, + CLOSED WITH MIN 1/2 HOUR FIRE RESISTANT MATERIAL.
- 9) ALL GLASS PANELS IN DOORS, + ADJACENT TO, TO BE TOUGHENED/LAMINATED TO BS 6206, (1981)
- 10) ALL ELECTRICAL SWITCHES + SOCKETS TO BE LOCATED BETWEEN 450 + 1200 (1'6" + 3'11") ABOVE FLOOR, + WIRED 'TOP DOWN'.
- 11) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED + TESTED IN ACCORDANCE WITH B.S. 7671 (IEE 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.
- 12) PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING 'EFFICIENT' LAMPS, MIN 40 LUMENS PER CIRCUIT WATT. EXTERNAL LIGHTS TO BE EITHER EFFICIENT AS ABOVE, OR ON A TIMER, + AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- 13) ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY. EXISTING FOUL, + SURFACE WATER SEWERS SERVE.
- 14) SUNROOM TO HAVE OPENING DOORS/WINDOWS EQUAL TO AT LEAST 1/20 FLOOR AREA + 8000mm² (13 IN²) TRICKLE VENTILATION.
- 15) BATHROOM TO HAVE ANY SIZE OPENING, 4000mm² (6 1/2 IN²) TRICKLE VENTILATION + 15 LITRE/SEC CAPACITY EXTRACTION FAN.
- 16) GROUND W.C. TO HAVE 15 LITRE/SEC EXTⁿ FAN, OPERATING BY LIGHT SWITCH WITH 15 MIN'S OVER-RUN, + 10 (3/8) AIRGAP UNDER DOOR.
- 17) HOT WATER + SPACE HEATING TO BE PROVIDED BY EXISTING MAINS GAS 'COMBI' BOILER, + RADIATOR SYSTEM EXTENDED.
- 18) CONSERVATION OF ENERGY DETAILS

U VALUE OF FLOOR	0.22	U VALUE OF WALLS	0.26	U VALUE OF FLAT + SLOPING CEILINGS	0.16
INTERNAL FLOOR AREA OF EXTENSIONS = 16.964 m ² , ∴ 25% = 4.241 m ² } 9.395 m ² (MAX NEW OPENINGS AT BASIC U VALUES)					
AREA OF OPENINGS LOST DUE TO EXTENSIONS = 5.154 m ² }					
AREA OF WINDOWS + FULLY GLAZED DOORS, UPVC, MIN 20mm GAP D/G, EG 'SYSTEM 3', 1:1 NEUTRAL LOW'E, AIRFILL, U VALUE 1.4 = 7.35 m ² } 9.19 m ² (OK)					
AREA OF ROOFLIGHT, TIMBER, DOUBLE GLAZED, VELUX SPEC FOR GLAZING TYPE GGU 0070, U VALUE 1.8 + 1.6 RESPECTIVELY.					
(UPVC COMPOSITE FRONT DOOR + ADJACENT WINDOW RETAINED, EVEN IF PORCH REBUILT, U VALUE 1.8 + 1.6 RESPECTIVELY).					
- 19) A MAINS OPERATED FIRE DETECTION/ALARM SYSTEM TO BE INSTALLED TO BS 5839-6, 2004, GRADE D, CATEGORY L03, WITH SMOKE ALARMS TO BS EN 14604, SHOWN (P) + HEAT ALARMS TO BS 5446-2, SHOWN (R), LOCATED ON CEILINGS, MIN 300(12") FROM WALLS + LIGHT FITTINGS, + WITH SENSORS BETWEEN 25 + 600 (1" + 2'0") BELOW CEILINGS, ALL INTERCONNECTED SO ALL SOUND WITH DETECTION BY ANY ONE UNIT. MAINS SUPPLY TO BE A SINGLE INDEPENDANT CIRCUIT + DETECTORS TO HAVE A STANDBY POWER SUPPLY, EG BATTERY.

