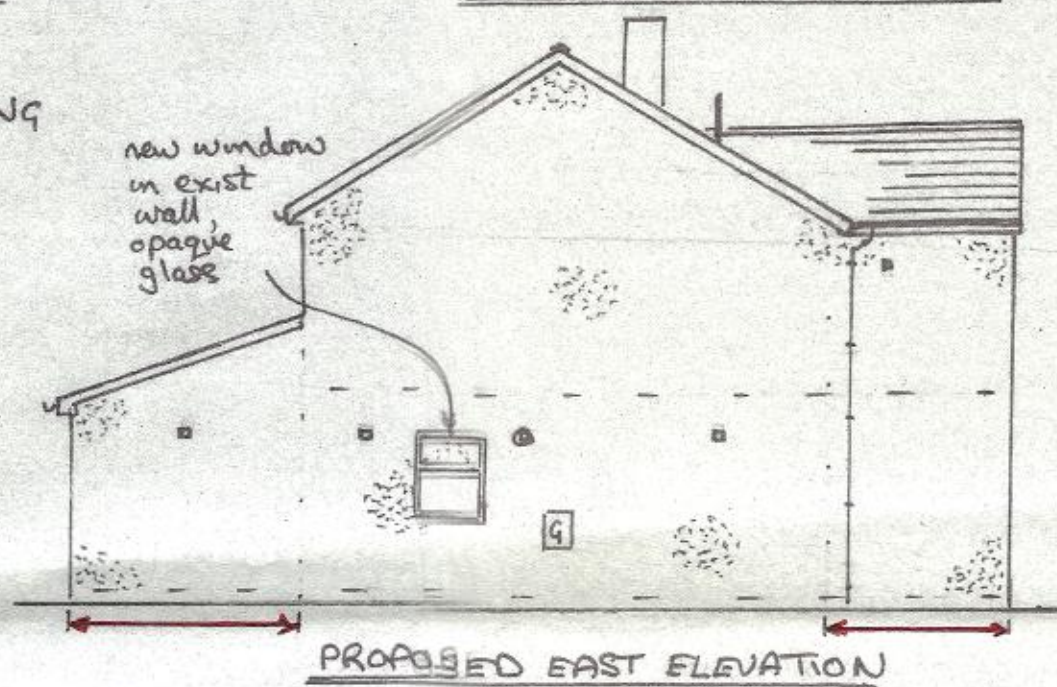
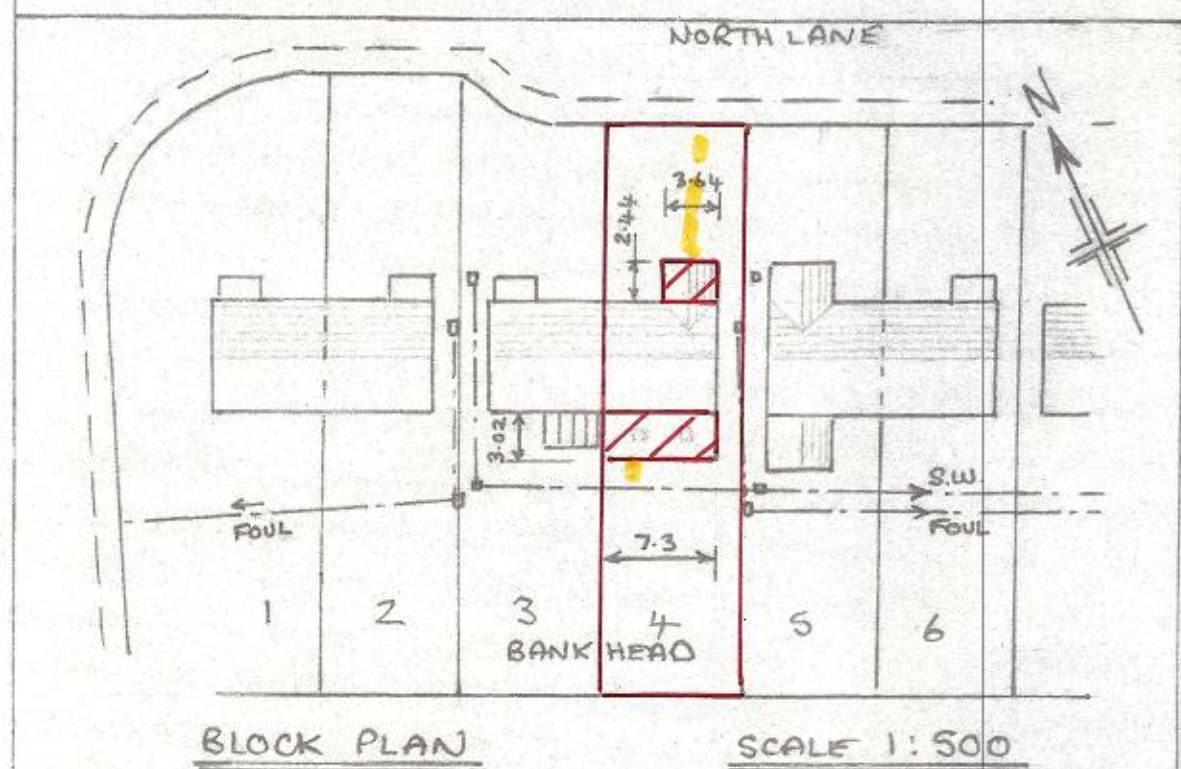




- 1) ROOF COVERING TO TWO STOREY EXTENSION TO BE DOUBLE ROMAN CEMENT TILES TO MATCH EXISTING ROOF COVERING TO SINGLE STOREY EXTENSION TO BE FLAT GREY CEMENT TILES.
- 2) EXTERNAL WALL FINISH TO BE CANTERBURY SPAR TO MATCH EXISTING
- 3) WINDOWS & DOUBLE DOORS TO BE WHITE UPVC TO MATCH EXISTING. FRONT DOOR/WINDOW SET TO BE ANTHRACITE GREY UPVC.
- 4) VELUX ROOFLIGHTS TO BE GREY FINISH.
- 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.
- 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 MINIMUM 1/2 HOUR FIRE RESISTANT MATERIAL.
- 9) ALL GLASS PANELS IN DOORS, & ADJACENT TO, TO BE TOUGHENED/LAMINATED TO B.S. 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 (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.
- 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) EXISTING LOUNGE TO RETAIN OPENING WINDOWS EQUAL TO AT LEAST 1/20 FLOOR AREA, & 8000mm² (13 IN²) TRICKLE VENTILATION.
 • KITCHEN/DINER TO HAVE OPENINGS EQUAL TO AT LEAST 1/20 FLOOR AREA & 8000mm² (13 IN²) TRICKLE VENTILATION.
 • KITCHEN AREA TO ALSO INCLUDE 60 LITRE/SEC CAPACITY EXTRACTION FAN (30 LITRE/SEC IF COOKER HOOD)
 • UTILITY ROOM, ANY SIZE OPENING, 4000mm² (6 1/2 IN²) TRICKLE VENTILATION & 30 LITRE/SEC EXTRACTION FAN.
 • BATHROOM, ANY SIZE OPENING, 4000mm² (6 1/2 IN²) TRICKLE VENTILATION & 15 LITRE/SEC EXTRACTION FAN.
 • GROUND W.C., 15 LITRE/SEC EXTRACTION FAN, OPERATING BY LIGHT SWITCH WITH 15 MIN'S OVER-RUN, & 10mm (3/8") AIRGAP UNDER DOOR.
- 15) 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 = 31.08 m², ∴ 25% = 7.77 m² } 17.607 m² (MAX NEW OPENINGS AT BASIC U VALUES)
 AREA OF OPENINGS LOST DUE TO EXTENSIONS = 9.837 m²
 AREA OF WINDOWS & FULLY GLAZED DOORS, UPVC, MIN 20mm GAP @ G. EQ SYSTEM 3, 1.1 NEUTRAL LOW 'E', AIRFILL, U VALUE 1.4 = 9.08 m² } 12.499 m²
 AREA OF DOORS, UPVC COMPOSITE, PARTIAL GLAZED AS ABOVE, U VALUE 1.8 = 1.89 m² } (OR)
 AREA OF ROOFLIGHTS, TIMBER, DOUBLE GLAZED, VELUX SPEC FOR GLAZING TYPE GGU 0070, U VALUE 1.3 = 1.529 m²
- 16) HOT WATER, & SPACE HEATING TO BE PROVIDED BY EXISTING MAINS GAS COMBI BOILER, RELOCATED IN UTILITY ROOM, & EXISTING RADIATOR SYSTEM EXTENDED, OWNER/OCCUPIER TO BE SUPPLIED WITH HEATING/HOT WATER SYSTEM OPERATING MANUAL, & SAME SYSTEM TO BE COMMISSIONED ON COMPLETION OF INSTALLATION BY COMPETENT 'CORGI' APPROVED INSTALLER.
- 17) EXISTING MAINS SMOKE ALARM SYSTEM TO BE EXTENDED TO INCLUDE HEAT ALARMS TO BS 5446-2, SHOWN (B), LOCATED ON CEILINGS MIN 300 (12") FROM WALLS & LIGHT FITTINGS, ALL INTERCONNECTED SO ALL SOUND WITH DETECTION BY ANY ONE UNIT, & ON A SINGLE INDEPENDANT CIRCUIT. DETECTORS TO HAVE STANDBY POWER SUPPLY, EG BATTERY



SCALE 1:100



BLOCK PLAN

SCALE 1:500



SITE PLAN

SCALE 1:1250

SD 149,792

PROPOSED EXTENSIONS AT 4 BANK HEAD, HAVERIGG, MILLOM FOR MR D. SYKES