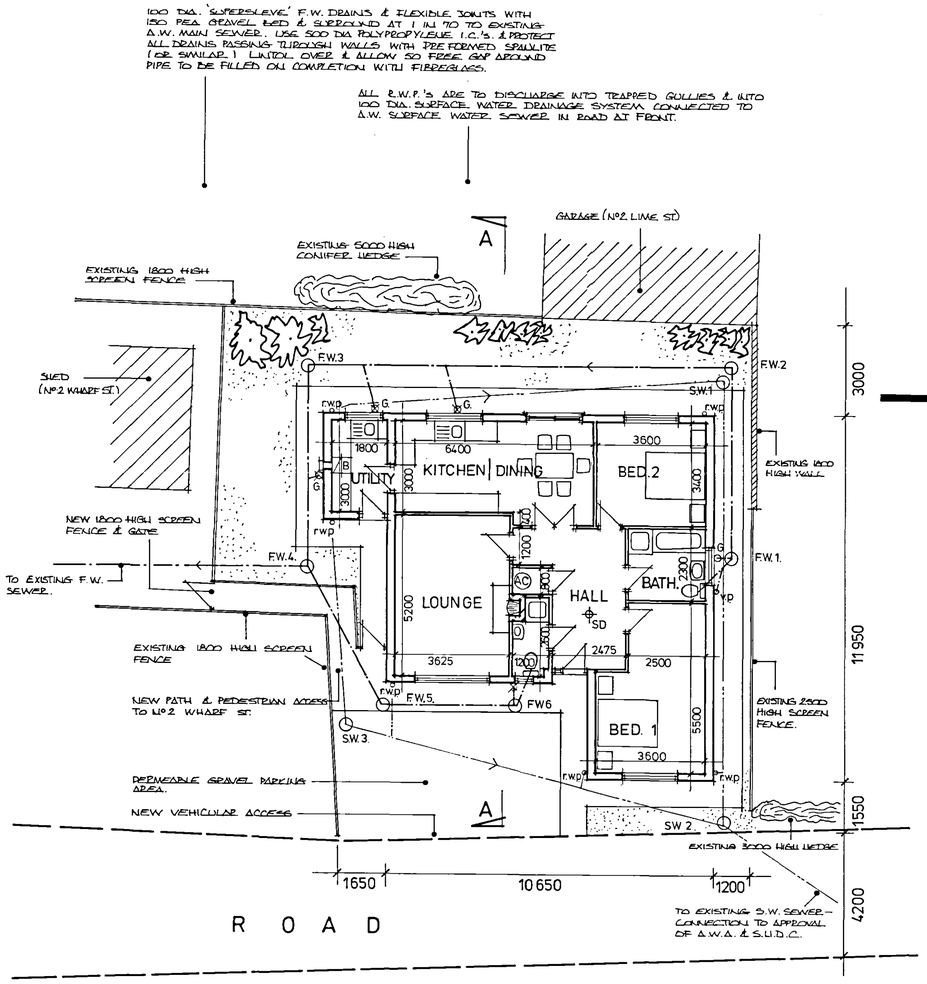


FRONT ELEVATION

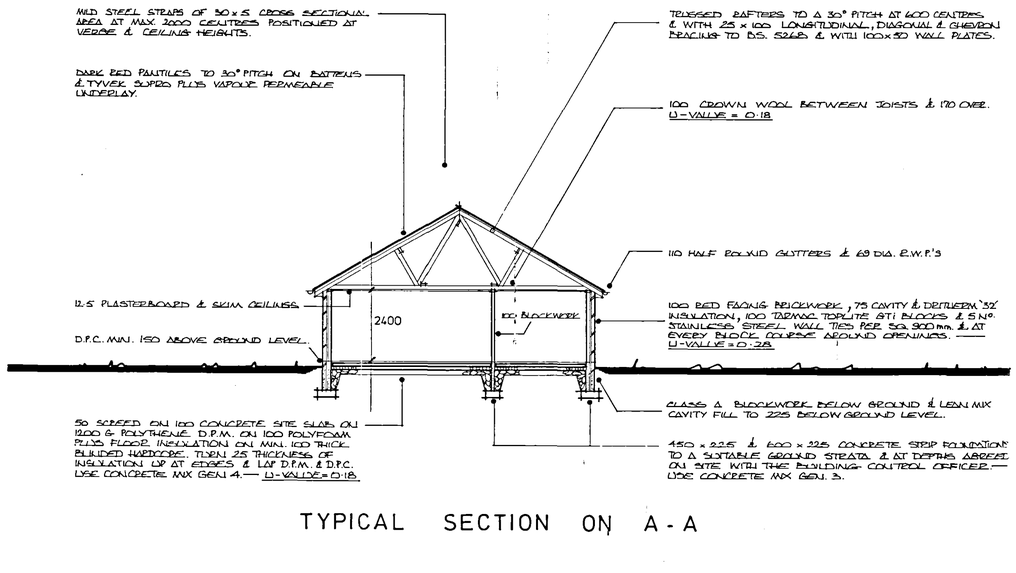
SIDE ELEVATION

REAR ELEVATION

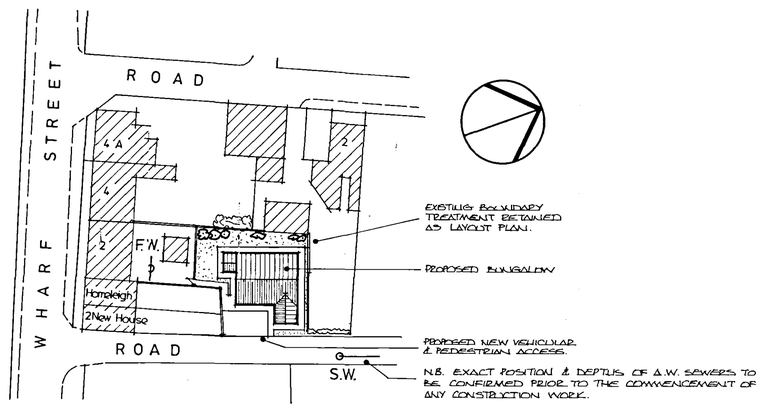
SIDE ELEVATION



LAYOUT PLAN



TYPICAL SECTION ON A-A



BLOCK PLAN 1 / 500

Generally

- WINDOWS & DOORS TO BE SEALED DOUBLE GLAZED UNITS WITH MIN. 16 AIR GAP & LOW E INNER PANE (PILKINGTON OPTITHERM S.N.) & FITTED WITH TRICKLE VENTS TO GIVE 8000 mm² VENT AREA AT EACH UNIT. OPENING VENT AREA OF WINDOWS GENERALLY TO BE MIN. 1/20 OF ROOM FLOOR AREA. U-VALUES = 1.7 — REQUIRED VENT AREA = 50 000 mm² & IS EXCEEDED.
- U/S INSULATING CAVITY CLOSERS AT DOOR & WINDOW OPENINGS TO GIVE U-VALUE = 1.2. — ALL FRAMES ARE TO LAP VERTICAL D.P.C.'S BY MIN 35.
- CAVITY INSULATED CAVITY WALL LINTELS OVER ALL OPENINGS TO BE REF. CGH 70 / 100 APART FROM LOUNGE WINDOW OPENING WHICH IS TO BE REF. CLH 70 / 100.
- ALL GLAZED AREAS ARE TO COMPLY WITH BS 6206 & APPROVE DOCUMENT N I.E. ANY GLAZING TO WINDOWS WITHIN 800 OF FLOOR LEVEL & TO DOORS & SIDELIGHTS WITHIN 1500 OF FLOOR LEVEL TO BE EITHER TOUGHENED OR LAMINATED GLASS.
- TO BATHROOM & WC / SHOWER FIX FANS TO GIVE MIN. 15 L / SECOND VENTILATION. TO UTILITY ROOM FIX FAN TO GIVE MIN 30 L / SECOND VENTILATION. TO KITCHEN FIX FAN TO GIVE MIN 60 L / SECOND VENTILATION.
- IN HALL WHERE SHOWN FIX 1 No. SMOKE DETECTOR TO BE MAINS OPERATED WITH BATTERY BACK UP.
- FIX 32 DIA WASTE PIPES TO BASINS & 40 DIA WASTE PIPES TO SINKS BATH & SHOWERS.
- FIX LOW ENERGY LIGHTING UNITS THROUGHOUT.
- OPEN FIRE IN LOUNGE TO HAVE RAISED HEARTH PROTECTING SOD. HEARTH TO BE 125 THICK MINIMUM. COMBUSTION AIR TO BE PROVIDED FOR FIRE THROUGH DUCTS & BE 5500 mm² MIN. IN AREA OR EQUAL TO HALF THE FLUE THROAT AREA IF GREATER. RECESS TO BE 1 BRICK THICK SOLID.
- ENSURE ALL HABITABLE ROOMS HAVE A WINDOW WITH AN OPENING CASH OF CLEAR WIDTH MIN. 450 & A MIN. AREA OF 0.35 m².
- ALL ELECTRICAL WORK REQUIRED TO MEET THE DEMANDS OF PART P — ELECTRICAL SAFETY — MUST BE DESIGNED INSTALLED INSPECTED TESTED & CERTIFIED BY A PERSON COMPETENT TO DO SO. — COPY OF CERTIFICATION TO BUILDING CONTROL.

part m notes

- PATHWAYS TO FRONT DOOR TO BE MIN. 900 WIDE. FORM A MINIMUM 1200 x 900 LEVEL ACCESS & ENSURE RAMPED APPROACH IS TO A MAXIMUM GRADIENT OF 1 IN 20.
- DOORWAYS INTERNALLY ARE TO BE OF MIN. WIDTH 800 CLEAR. W.C. FORMED SUITABLE FOR WHEELCHAIR ACCESS.
  SWITCHES & SOCKETS GENERALLY ARE TO BE MIN. 450 & MAX 1200 ABOVE FLOOR LEVEL.

central heating – (SEE ALSO NOTE UNDER SAP 2005)

- HIGH EFFICIENCY CONDENSING GAS FIRED BOILER LOCATED IN UTILITY ROOM WITH BALANCED FLUE & EXTERNAL GUARDINGS. SEDBUK RATING A. — DESIGN EFFICIENCY = 91.3 %
- BOILER TO HAVE CORRECT OVERFLOW PIPE DISCHARGING TO ADJACENT EXTERNAL GULLEY.
- CENTRAL HEATING PROVIDED BY RADIATORS FITTED WITH T.R.V.'s & SYSTEM TO BE FULLY PUMPED.
- HOT WATER CYLINDER TO BE 170 L CAPACITY & TO BE PRE-INSULATED WITH 80 THICK FOAM. BOILER FLOW & RETURNS TO BE INSULATED.

sap 2005

- BUILDING TO BE AIR PERMEABLE TESTED ON COMPLETION TO A DESIGN CRITERIA REQUIREMENT OF 9 m³ / h. m².
- CERTIFICATION OF HEATING & HOT WATER SYSTEMS TO BE PROVIDED TO THE BUILDING CONTROL OFFICER UPON COMPLETION.
- HEATING CONTROLS ARE TO BE TIME & TEMPERATURE — BUNGALOW TO BE HEATED IN 2 ZONES — PROGRAMMABLE ROOM THERMOSTAT FITTED IN LOUNGE + 1 ELSEWHERE.

SHDC
Planning & Development
25 JUL 2008
Ref: 0833/08

PROPOSED BUNGALOW ON LAND ADJACENT TO 2 WHARF ST. SUTTON BRIDGE PE12 9UF

FOR MR. & MRS. M. HOOK

SCALE 1 / 100

DRWG. No.
MH / 2