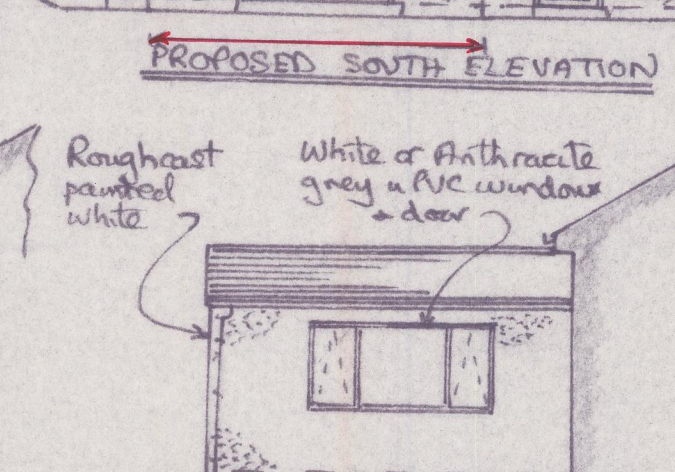
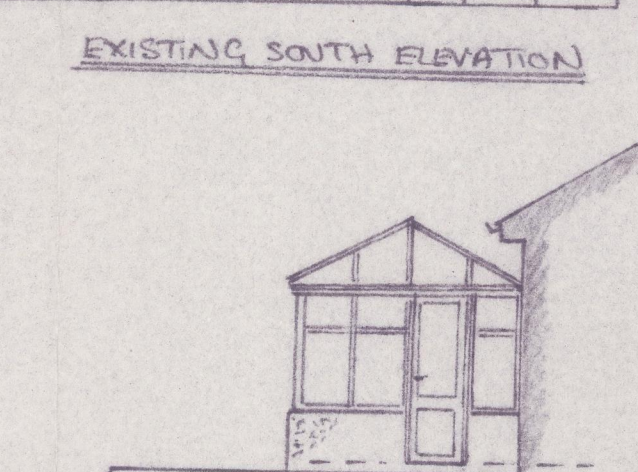
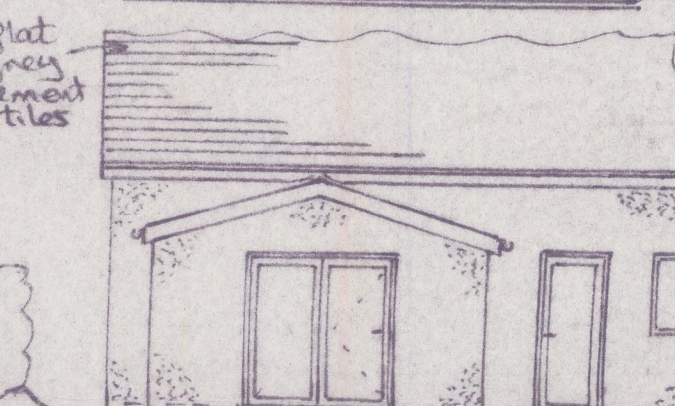
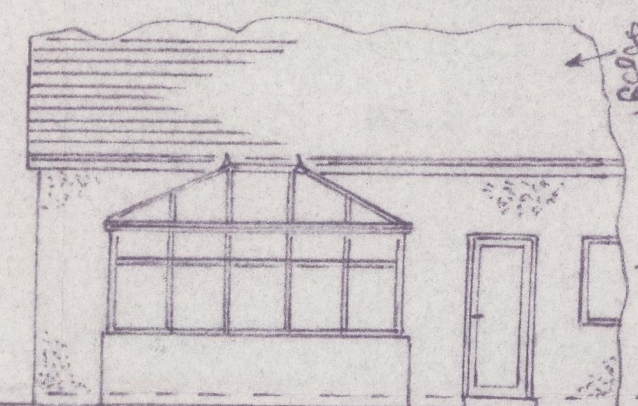
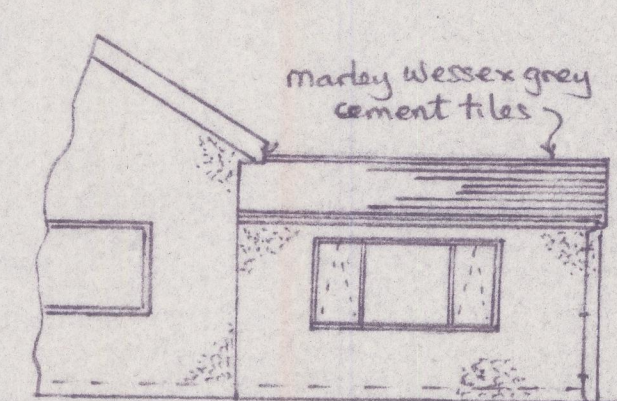
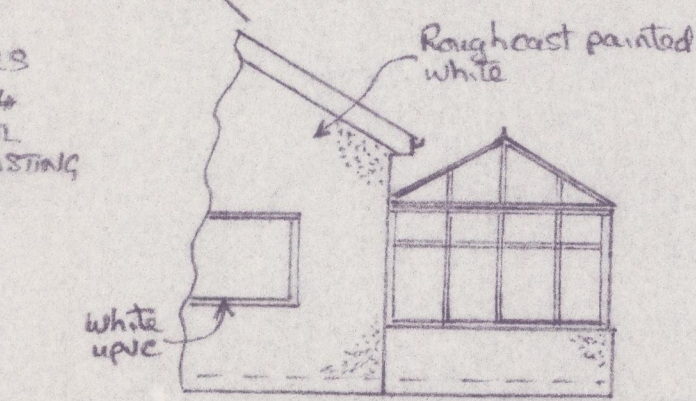
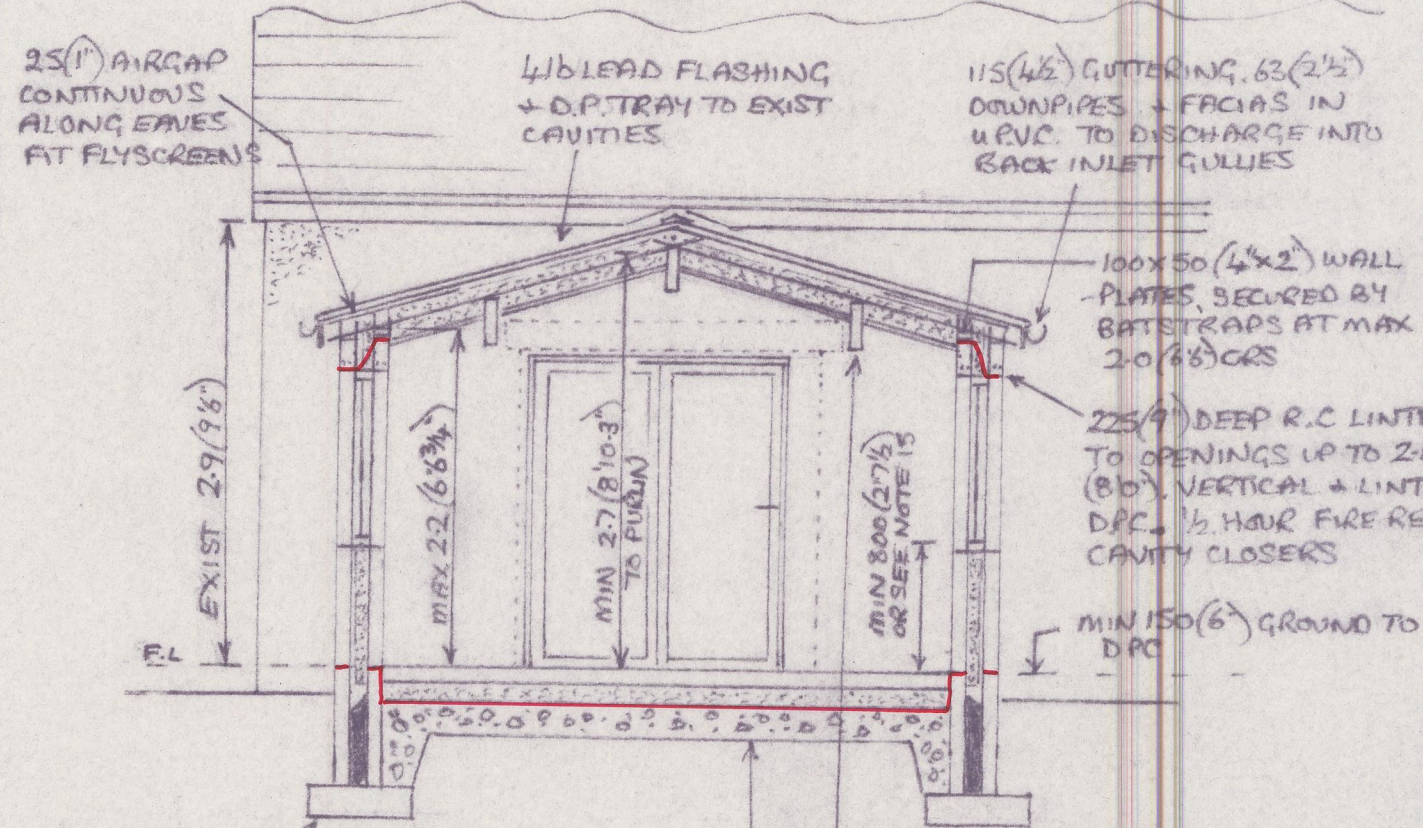
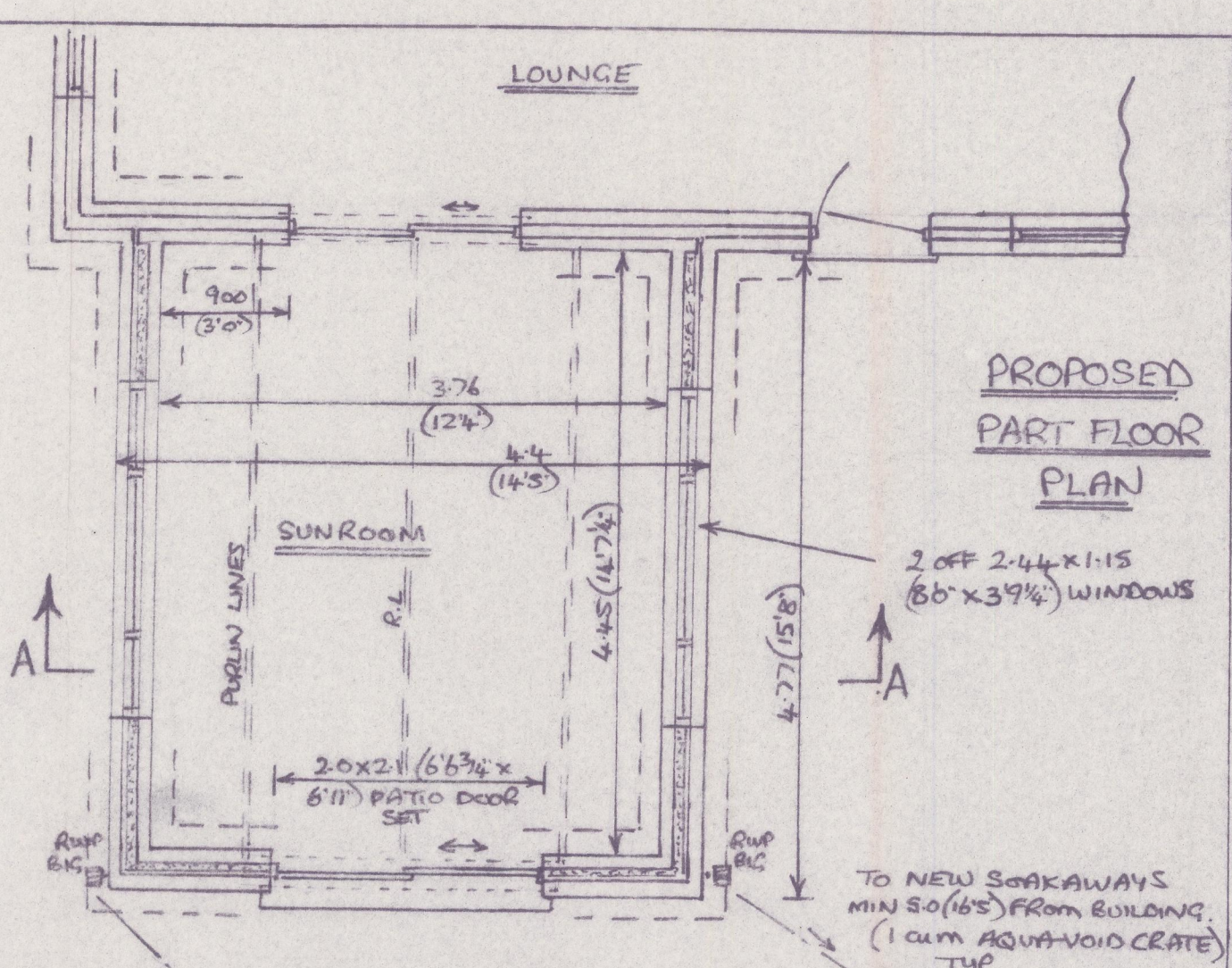
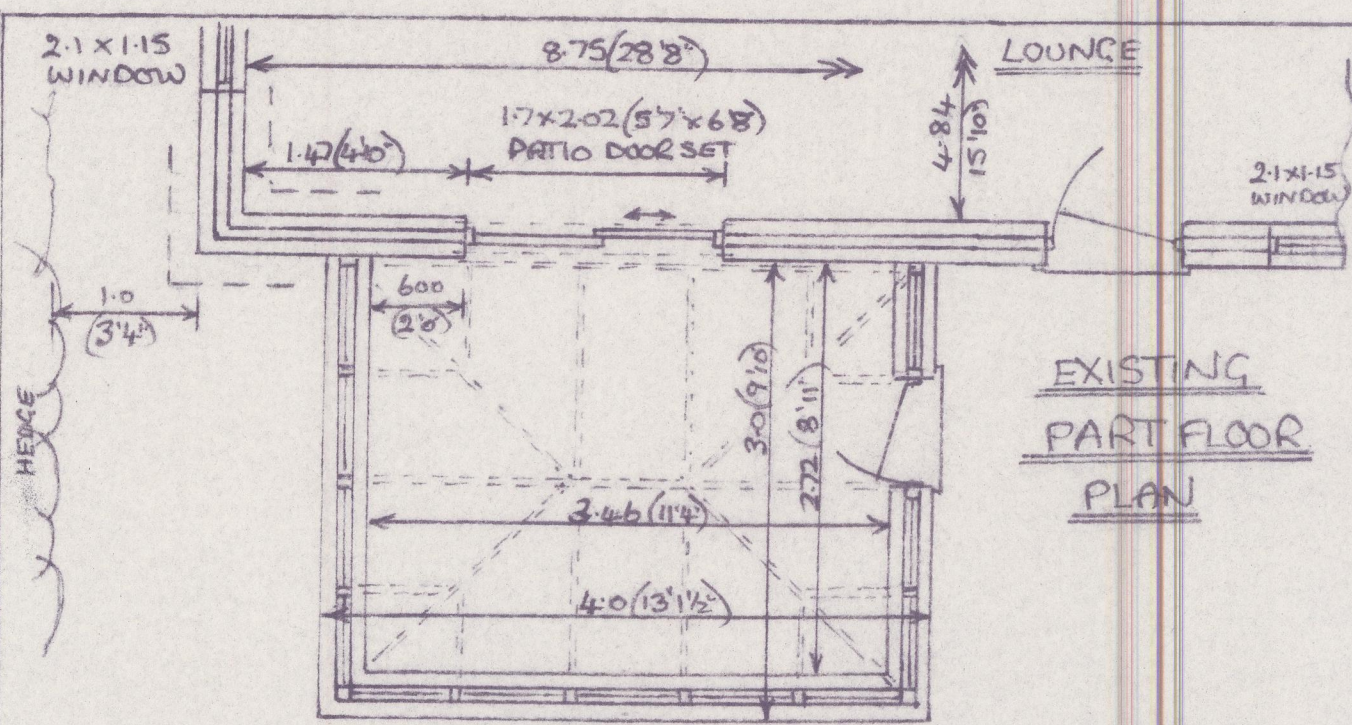




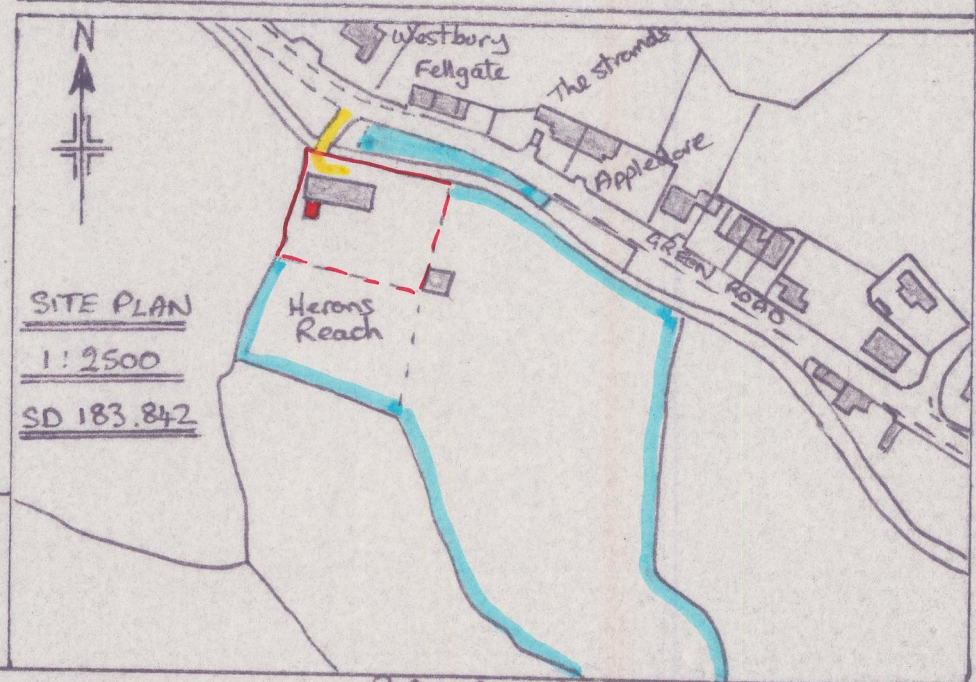
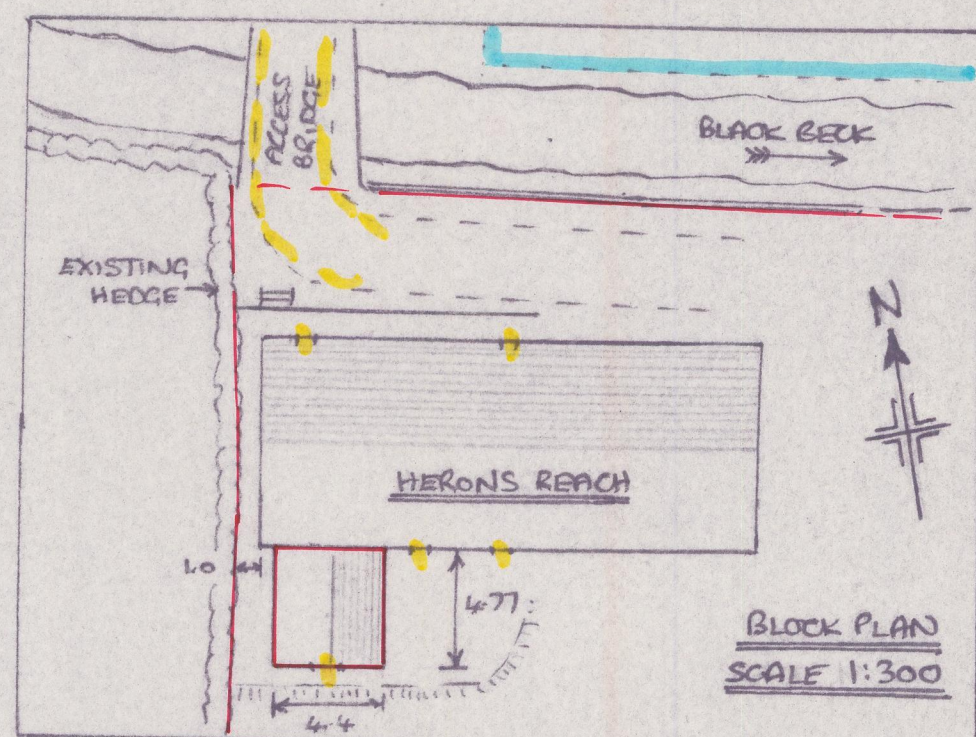
675x200 (2'3"x8") CONC STRIP FOUNDATIONS MIN 600 (2'0") DEEP & TO UNDERPIN / STEP ONTO EXIST FOUND'S. CAVITY WALL OF 2 LEAF 100 (4") CONC BLOCK, TIED INTO EXIST WALLS WITH CROCODILE 3/8" PLATES & SCREWS 115 (4 1/2") CAVITY, FILLED SOLID WITH CONC UP TO 225 (9") BELOW DPC, SEALED OFF AT EAVES, & BE CONTINUOUS WITH EXIST CAVITIES, TO (2 3/4") KINGSPAN K8 TO INNER LEAF IN CAVITY TO LEAVE 45 (1 3/4") AIR GAP. 250 (10") 5/8" WALLTIES (STAFIX RT2 OR SIMILAR) AT 750 (2'6") CRS HORIZONTAL, 450 (1'6") VERTICAL & WITHIN 150 (6") EVERY BLOCK COURSE OF OPENINGS. 20 (3/4") RENDER / ROUGHCAST EXTERNAL. 127 (1/2") PLASTERBOARD ON PLASTER DABS, & SKIM INTERNAL. DRYLUNG BOARDS TO HAVE JOINTS & EDGES TAPE SEALED, & ELECTRICAL BACKBOXES, CONDUITS ETC TO BE SEALED WITH MASTIC TO MAINTAIN AIR-TIGHTNESS. U VALUE 0.26.

300x75 (12"x3") PURLINS & RIDGE PURLIN AT MAX 122 (4'0") CRS. 100x50 (4"x2") RAFTERS AT 400 (16") CRS, CROSSED OVER RIDGE PURLIN & BOLTED TOGETHER. BREATHABLE FELT, 40x25 (1 1/2"x1") BATTENS & MARLEY WESSEX CEMENT TILES. 100 (4") HEADLAP, 15° PITCH

50 (2") KINGSPAN K7 BETWEEN RAFTERS TO LEAVE 50 (2") AIR GAP ABOVE. 100 (4") K7 UNDER RAFTERS. 500 GAUGE VISQUEEN VAPOUR BARRIER & 127 (1/2") PLASTERBOARD & SKIM UNDER ALL, U VALUE 0.14

SECTION AA SCALE 1:50

- 1) ROOF COVERING TO BE 'MARLEY WESSEX' GREY CEMENT TILES.
- 2) EXTERNAL WALL FINISH TO BE ROUGHCAST, PAINTED WHITE TO MATCH EXISTING.
- 3) WINDOWS & PATIO DOOR SET TO BE WHITE UPVC TO MATCH EXISTING, (OR ANTHRACITE GREY)
- 4) ALL TIMBERWORK TO BE TREATED WITH A PRESERVATIVE.
- 5) WINDOWS & DOORS TO BE DRAUGHT SEALED, & FRAMES SEALED INTO WALLS WITH MASTIC.
- 6) " " " TO BE OF 'SECURE DESIGN' TO BS PAS 24: 2012, OR EQUIVARIANT.
- 7) CAVITIES AROUND OPENINGS, INCLUDING LINTELS, TO BE INSULATED TO PREVENT 'COLD BRIDGING'.
- 8) ALL ELECTRICAL WORK TO BE DESIGNED, INSTALLED, INSPECTED & TESTED IN ACCORDANCE WITH B.S. 7671 (1EE 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.
- 9) ALL ELECTRICAL SOCKETS & SWITCHES TO BE LOCATED BETWEEN 450 & 1200 (1'6" & 3'11") ABOVE FLOOR.
- 10) PROVIDE INTERNAL LIGHT FITTINGS CAPABLE OF TAKING EFFICIENT LAMPS, EG FLUORESCENT-TUBE OR COMPACT - MIN 40 LUMENS PER CIRCUIT WATT. EXTERNAL LIGHTS TO BE EITHER 'EFFICIENT' AS ABOVE, OR ON A TIMER & AUTOMATICALLY EXTINGUISHED IN DAYLIGHT.
- 11) REINFORCING TO CONCRETE LINTELS TO BE MIN 2 OFF M.S. BARS IN LOWER PORTION.
- 12) SUNROOM TO HAVE OPENING DOOR & WINDOWS EQUAL TO AT LEAST 1/20 FLOOR AREA + SHORTAGE OF SAME IN LOUNGE. & 8000 mm² (13 m²) TRICKLE VENTILATION
- 13) ALL DRAINAGE TO BE TO THE SATISFACTION OF LOCAL AUTHORITY.
- 14) TOTAL OPENINGS IN WEST ELEVATION, EXIST + NEW = 5.221 m² (5.6 m² ALLOWED AT OVER 10 DISTANCE)
- 15) ALL GLAZING IN DOORS, & ANY WINDOW PANEL BELOW 800 (2'7 1/2") ABOVE FLOOR TO BE TONGUED / LAMINATED TO BS. 6206 (1981)
- 16) CONSERVATION OF ENERGY DETAILS (EXTENSION)
U VALUE OF FLOOR ... 0.17, U VALUE OF WALLS ... 0.26, U VALUE OF CEILING ... 0.14.
INTERNAL FLOOR AREA OF EXTENSION = 16.732 m². ∴ 25% = 4.183 m² } 7.617 m² (MAX NEW OPENINGS)
AREA OF PATIO DOORS LOST DUE TO EXTENSION = 3.434 m² } AT BASIC U VALUES
AREA OF PATIO DOORS & WINDOWS, UPVC, MIN 20mm GAP DOUBLE GLAZED
EQ 'SYSTEM 3', 1.1 NEUTRAL LOW 'E' AIRALL. U VALUE 1.4 = 9.812 m² (SEE FLYSHEET 2)
- 17) SPACE HEATING TO BE PROVIDED BY EXISTING OIL FIRED COMBI BOILER & EXIST RADIATOR SYSTEM EXTENDED, THERMOSTATICALLY / ZONE CONTROLLED TO GIVE NOMINAL 21°C IN SUNLOUNGE.



PROPOSED SUNROOM EXTENSION AT HERON'S REACH, THE GREEN, MILLOM FOR MR. A. PARK

8-8-20

R A WALKER
LAOY HALL - MILLOM

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