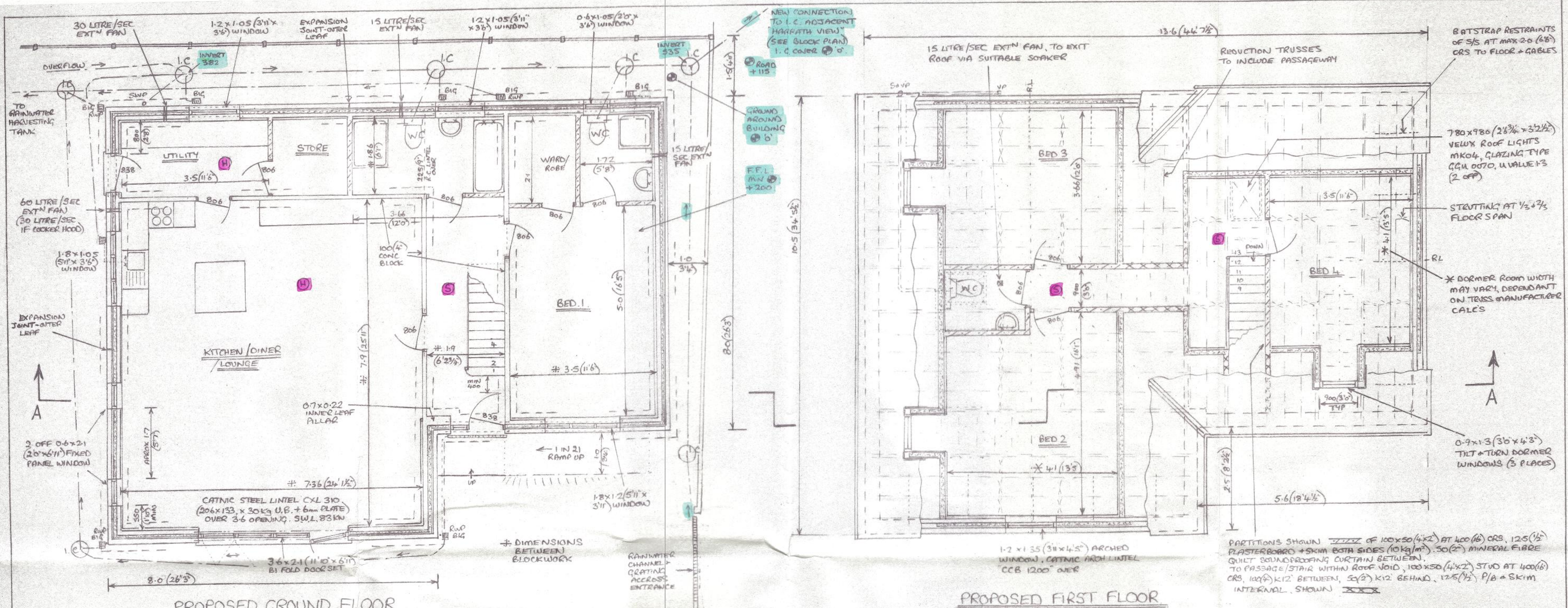
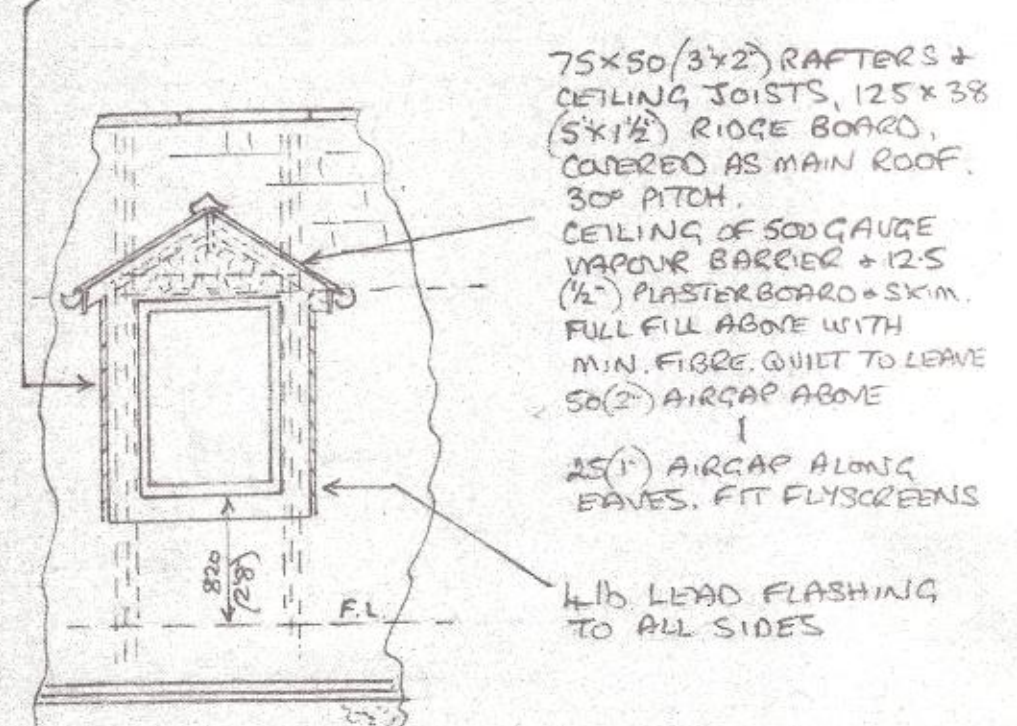




DORMERS OF MIN 125x50(5'x2') STUD, AT 400(16) CRS, BASE & HEADERS, ADDITIONAL NO. 9S UNDER AC REQ'D. 100(4) KINGS PAN K12 BETWEEN TO LEAVE AIR GAP OUTSIDE. 500 GAUGE VISQUEEN VAPOR BARRIER & 25(1) BACKED 125(1/2) PLASTER BOARD + SKIM INTERNAL. U.PVC HORIZONTAL CLADDING EXTERNAL.



4.1b LEAD FLASHING TO DORMERS
25(1) AIR GAP CONTINUOUS ALONG ALL EAVES, FIT FLYSCREENS

75x50(3'x2') RAFTERS + CEILING JOISTS, 125x38(5'x1 1/2') RIDGE BOARD, COVERED AS MAIN ROOF. 30° PITCH. CEILING OF 500 GAUGE VAPOR BARRIER + 125(1/2) PLASTER BOARD + SKIM. FULL FILL ABOVE WITH MIN. FIBRE QUILT TO LEAVE 50(2) AIR GAP ABOVE. 25(1) AIR GAP ALONG EAVES, FIT FLYSCREENS. 4.1b LEAD FLASHING TO ALL SIDES.

127(1/2) PLYWOOD VALLEY BOARDS, ROOFERS FELT & 4.1b LEAD VALLEYS

115(1/2) CUTTING, 65(2 1/2) DOWNPIPES, + FACIA BOARDS, ALL IN U.PVC TO DISCHARGE INTO BACK INLET GULLIES. 150(6) DEEP R.C. LINTELS TO OPENINGS UP TO 193(8'6"). 225(9) DEEP UP TO 244(8'0"). CATINIC STEEL LINTEL CYL 310, (206x133 (8'x5 1/4") X 30 Kg U.B. WITH 6mm PLATE WELDED UNDER TO 3/4(11'0") OPENING. VERTICAL + LINTEL D.C. TO EXTERNAL OPENINGS.

FULLY HYDRAULIC TRUSSED ROOF AT CENTRES AS DETERMINED BY TRUSS MANUFACTURER, PAIRED TO SIDES OF STAIRWELL, DORMER WINDOWS + PASSAGE. DIAGONALLY + LATERALLY BRACED TO BS 5228, PART 3, 1985, + VERTICALLY STRAPPED TO WALLS, BREATHABLE FELT, 50x25(2'x1") BATTENS + NATURAL SLATE. 40° PITCH MAIN ROOF, 20° TO DORMER WINDOWS.

SLOPING CEILINGS OF 125(5) KINGS PAN K12 BETWEEN RAFTERS TO LEAVE 50(2) AIR GAP ABOVE [ASSUMING 175(7) RAFTERS] 50(2) K12 UNDER RAFTERS. 500 GAUGE VISQUEEN VAPOR BARRIER + 125(1/2) PLASTER BOARD + SKIM UNDER ALL, U VALUE 0.13. FLAT CEILING OF 200(8) MINERAL FIBRE QUILT BETWEEN JOISTS + 150(6) OVER ALL, 500 GAUGE VISQUEEN VAPOR BARRIER + 125(1/2) PLASTER BOARD + SKIM UNDER, U VALUE 0.13.

SIDING OF DORMER ROOMS OF 100(4) KINGS PAN K12 BETWEEN STUDDING + 50(2) BACKED 125(1/2) PLASTER BOARD (K18) TO INSIDE + SKIM, U VALUE 0.16. BATSTRAP RESTRAINTS OF 5/8 AT MAX 20(6'6") CRS TO 1ST FLOOR + GABLES. 780x980(28 3/4'x32 1/2') VELUX ROOF LIGHTS MK04, GLAZING TYPE GGU 0070, U VALUE 1.3.

100x50(4'x2') WALLPLATES, SECURED BY BATSTRAPS AT 20(6'6") MAX CRS. HEIGHT WILL DEPEND ON TRUSS FLOOR TIMBER DEPTH, TO ALLOW FOR FLOOR TO FLOOR HEIGHT OF 2.6. FLOOR OF 22(7/8) T-G FLOOR GRADE CHIPBOARD (15kg/m²), CEILING UNDER OF 125(1/2) PLASTER BOARD + SKIM (10kg/m²), 100(4) MINERAL FIBRE QUILT SOUNDPROOFING BETWEEN. STRUT AT 1/3 + 2/3 SPANS WITHIN ROOMS. INFILL TIMBERS SAME DEPTH AS TRUSS.

675x225(23'x9') CONCRETE STRAP FOUNDATIONS, MIN 400(20') DEEP. CAVITY WALLS OF 2 LEAF 100(4) CONCRETE, 115(4 1/2') CAVITY, FILLED SOLID WITH CONCRETE UP TO 225(9') BELOW O.P.C. + SEALED OFF AT EAVES. TO (234) KINGS PAN K8 INSULATION TO MINER LEAF IN CAVITY TO LEAVE 45(1 3/4') AIR GAP. 250(10') LONG 5/8 WALLTIES, STAFFIX RT2 OR SIMILAR, AT 750(26') CRS HORIZONTAL. 450(16') CRS VERTICALLY + WITHIN 150(6) EMBED BLOCK CORNER OF OPENINGS. 40(15/8) BACKED 125(1/2) PLASTER BOARD (KINGS PAN K17) ON PLASTER DABS + SKIM INTERNAL. 20(3/4) RENDER + K-REND EXTERNAL. U VALUE 0.175. (SEE NOTES 2 + 18, SHT 1)

ALL DRAINS OF 100(4) GSDRAIN U.PVC, MIN 450(16') DEEP OR ENCASED IN 150(6) CONCRETE IF LESS. BRIDGED BY R.C. LINTELS THROUGH WALLS + SURROUNDED BY 150(6) PPA GRAVEL UNDER FLOOR. U.PVC TYPE INSPECTION CHAMBERS WITH AIRTIGHT COVERS, MIN 1 IN 80, MAX 1 IN 40 FALLS. VENT STACK TO EXTEND 900(30') ABOVE ANY WINDOWS/VELUX WITHIN 30(9'6") BATH, SHOWER, BASIN + SINK WASTE APES OF 40(1 1/8") DIA U.PVC [50(2) DIA FOR RUNS OVER 30(9'6")]. ALL WITH 75(3) DEEP SEAL TAPS + DISCHARGE INTO BACK INLET GULLY OR INTO SOIL/VENT STACK 200(8') BELOW SOIL CONNECTION.

150(6) HARDCORE, SCREENED WITH SAND, 1200 GAUGE VISQUEEN O.P.M, 120(4 3/8) KINGS PAN K3 INSULATION, 500 GAUGE VISQUEEN VAPOR BARRIER, 100(4) CONCRETE + APPLICANTS CHOICE OF FINISH, 25(1) EDGE INSULATION TO CONCRETE. U VALUE 0.13. 450x225(16'x9') CONCRETE STRAP FOUNDATIONS FOR 100(4) CONCRETE BLOCK PARTITIONS, MIN 600(20') DEEP. 900(30') HIGH BLOCK WORK WALL TO EAST BOUNDARY, FINISHED AS DWELLING.

RAINWATER HARVESTING TANK, 'HARLEQUIN HYDROSTORE' OR SIMILAR, SUGGESTED CAPACITY 2900 LITRES, TO SUPPLY ALL W.C.'S + OUTSIDE TAPS, WITH MAINS SUPPLY REPLENISHING WHEN EMPTY, OVERFLOW ONLY TO ENTER FOUL DRAIN (COMBINED SEWER SYSTEM). A NOTICE TO BE PROVIDED AT TAPS, TO STATE WATER IS NON-DRINKABLE.

SECTION AA SCALE 1:50