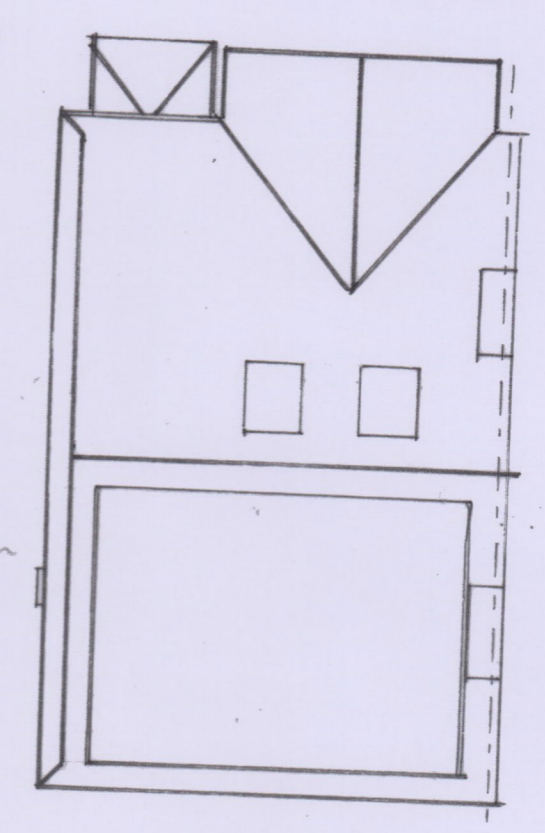


PROPOSED ROOF PLAN



GLAZING ALLOWANCE :-
 Floor area 33.8 m^2
 $25\% = 8.45 \text{ m}^2$
 Windows $(1.8 + 0.6 + 0.6) \times 1.2 = 3.6 \text{ m}^2$
 MK04 $2 \times 0.98 \times 0.78 = 1.529 \text{ m}^2$
 Total 5.129 m^2 ok ($< 8.45 \text{ m}^2$)

STAIRCASE :-
 Total rise 2659 mm (check)
 13R @ 204.5 mm each.
 6T @ 230 mm each
 6 windows, min. 50 mm going.
 Pitch angle 41.64°

- STRUCTURAL SCHEDULE :-**
- T1 - 2 No 150×50 timbers.
 - T2 - 2 No 200×50 timbers.
 - T3 - 2 No 100×50 timbers.
 - T4 - 3 No 170×50 timbers.
 - T5 - 2 No 220×50 timbers.
 - S1 - $203 \times 133 \times 30 \text{ kg/m}$ u.b. on $225 \times 100 \times 20$ thick m.s. spreader plate and 100×100 timber post.
 - S2 - $254 \times 146 \times 37 \text{ kg/m}$ u.b. on $225 \times 100 \times 20$ thick m.s. spreader plates.
 - FB1/FB2 - 2 No 170×50 timbers plus $150 \times 12 \text{ mm}$ plate twice bolted at ends then every 400 mm , staggered, M12 bolts.
- Install all usual skirtings / architraves

PROPOSED LOFT CONVERSION AT
113, FAIRFORD GARDENS, W. PARK, KT4 7BJ

Scale 1:50 1:100 Dwg. No. 113FG/03 A3 paper

