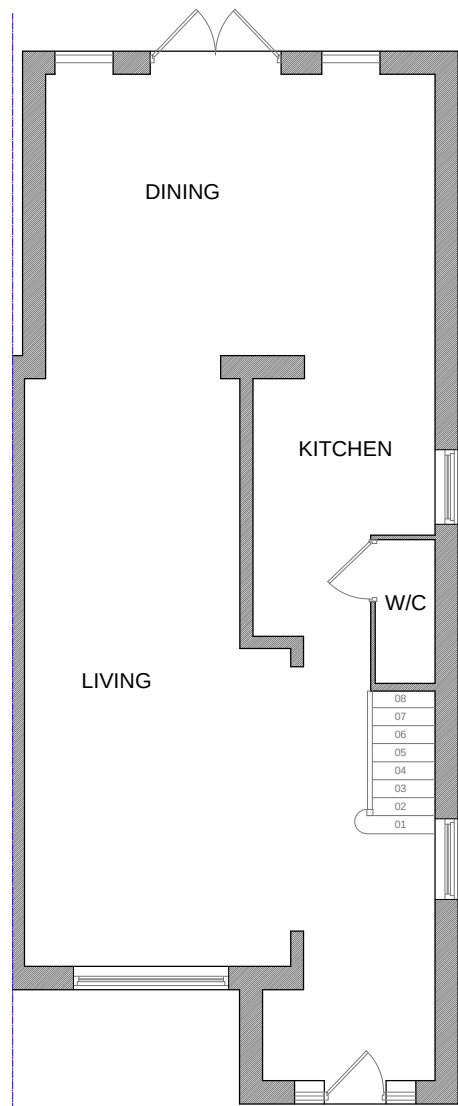
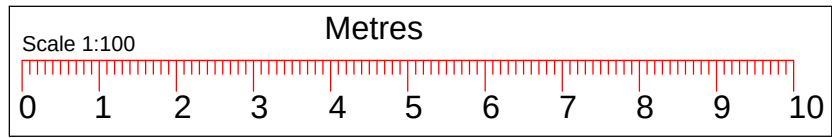
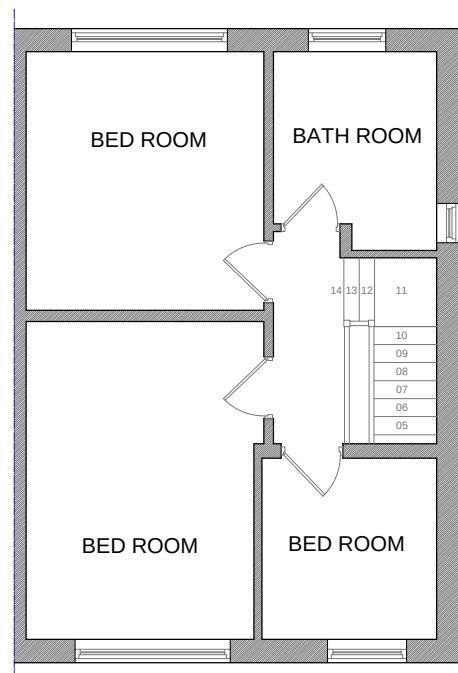
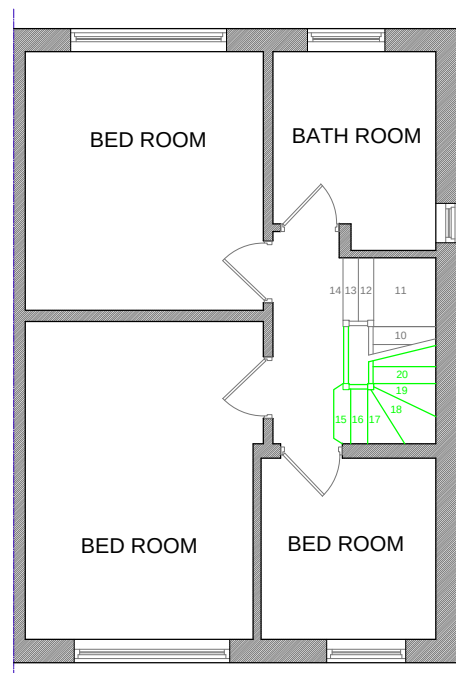




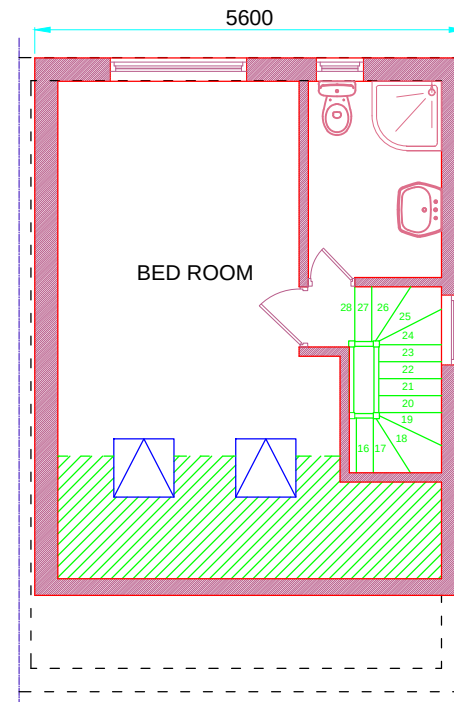
EXISTING GROUND FLOOR PLAN
Scale 1:100



EXISTING FIRST FLOOR PLAN
Scale 1:100



PROPOSED FIRST FLOOR PLAN
Scale 1:100

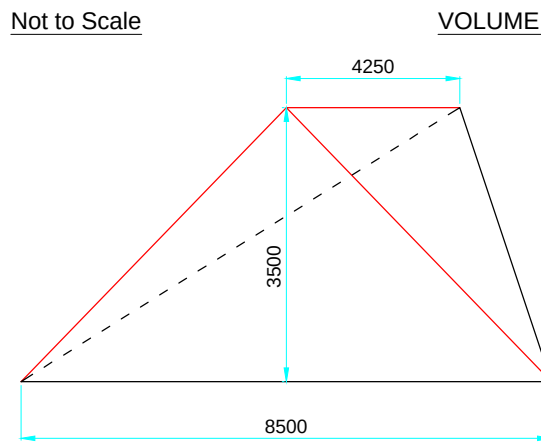


PROPOSED LOFT PLAN
Scale 1:100

AREA WHERE THE INTERNAL HEIGHT IS
LESS THAN 1.8m BUT GREATER THAN 0.5m

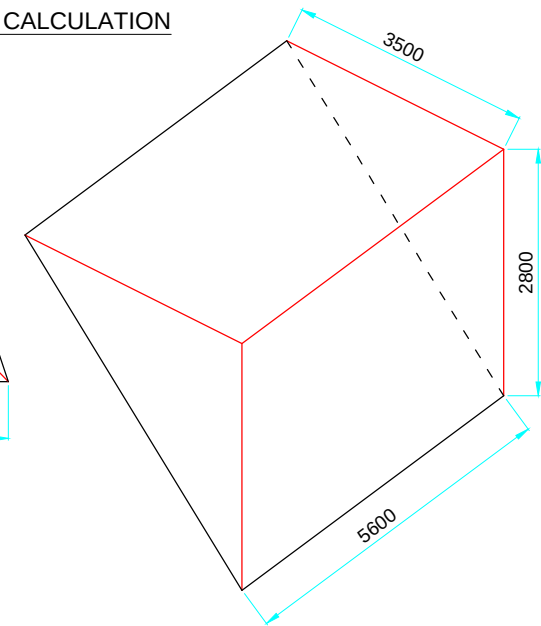
Not to Scale

VOLUME CALCULATION



$$\begin{aligned}\text{Volume of hip to gable roof } V1 &= W \times H \times L/6 \\ &= 8.5 \times 3.5 \times 4.25/6 \\ &= 21.07 \text{ m}^3\end{aligned}$$

$$\begin{aligned}\text{Total volume} &= V1 + V2 \\ &= 21.07 + 27.44 \text{ m}^3 \\ &= 48.51 \text{ m}^3 < 50 \text{ m}^3\end{aligned}$$



$$\begin{aligned}\text{Volume of rear dormer } V2 &= W \times H \times L/2 \\ &= 5.6 \times 2.8 \times 3.5/2 \\ &= 27.44 \text{ m}^3\end{aligned}$$

TITLE: LOFT CONVERSION.

CLIENT NAME :

SITE ADDRESS : 47 DALEHAM DRIVE,
UXBRIDGE,
UB8 3HP.



Contact: M.Mathu (BSc,MSc Civil Engineering)
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IMPORTANT NOTE:

- 1.This drawing is copyright of MKM ARCHI DESIGN LTD . This can be used for any purposes, if it is issued/submitted by us only.
2. Contractor/Builder to check all dimensions on site before commencement of any works, any discrepancies to be notified to us in writing.
- 3.All works shall comply with the latest Building Regulations & be to the satisfaction of the Local Authority.
- 4.Materials shall be suitable for the purpose for which they are used & the quality shall not be lower than that defined in the relevant British standards.
- 5.The structural beam sizes shown on this drawing shall be installed once the beam sizes and structural calculations are approved by the Local Authority. Any changes to beam length and bearing plate/ bearing pier sizes to be confirmed with our engineer.

Dwg No:ARC/24/DAL47/LC01

Page : 01/03

Drwn By :M.Mathu

Date : 07/05/2024

Scale : Shown@A3