



BLUE ARCHITECTURE LIMITED
Consulting Architects, Engineers and Interiors.

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Notes:
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All drawings are for the purpose of gaining
Planning Permission approval only.
All written dimensions to be taken in
preferences to scaled dimensions.

Rev.	Description	By	Ckd	Date

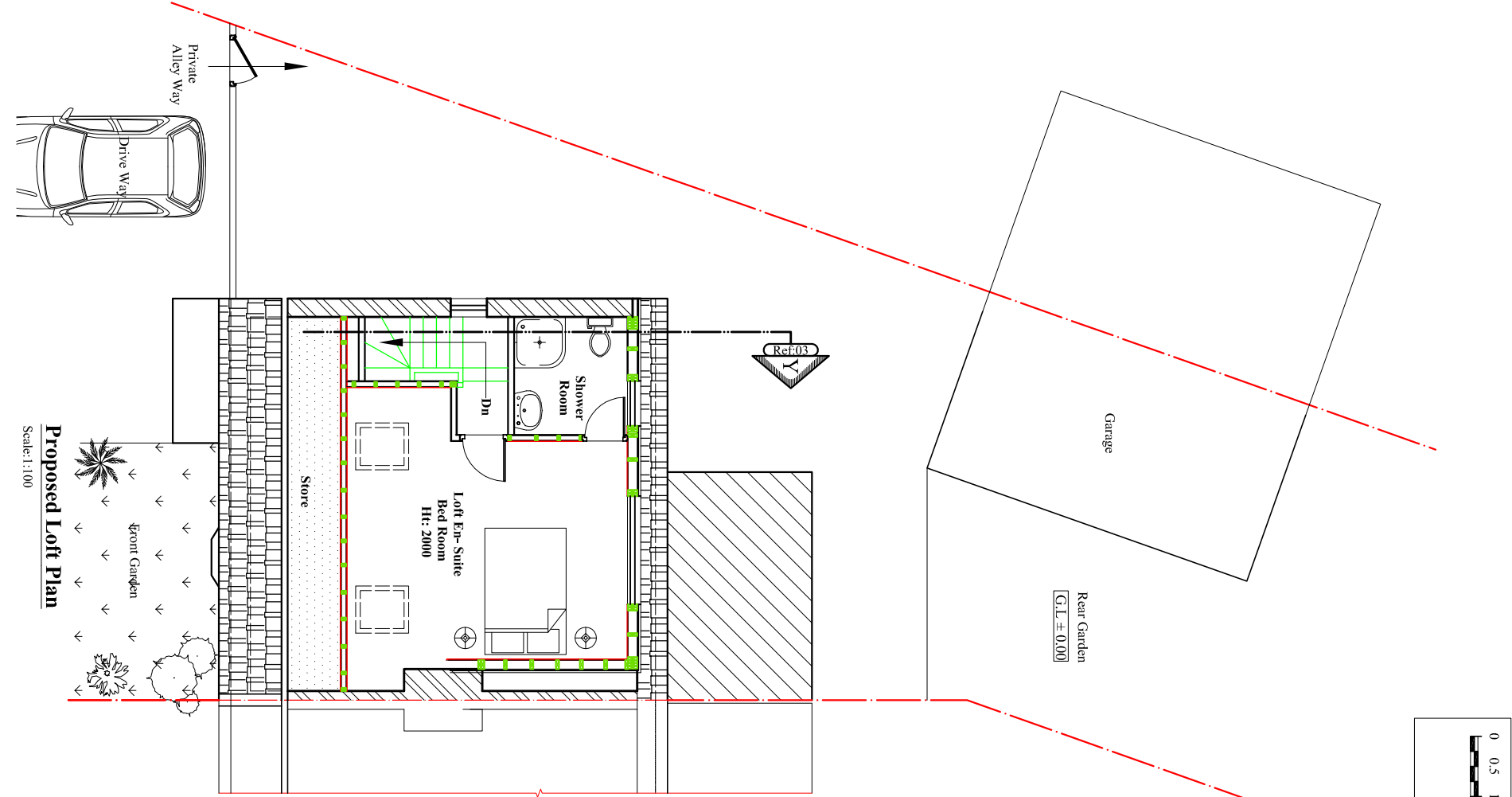
Client:
Mr. Ahmad Kazemi.

Project:
Existing Roof space Conversion into Habitable room involving the erection of a Hip to Gable roof extension incorporating a rear dormer, installation of front two rooflights. And Detach out Building for Physical fitness and storage.

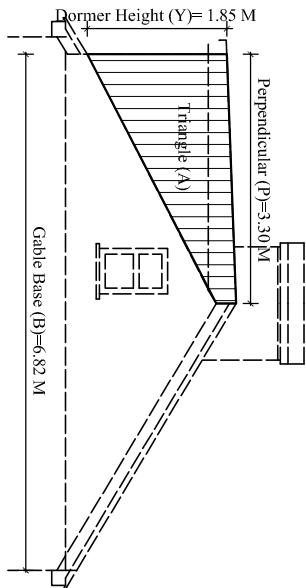
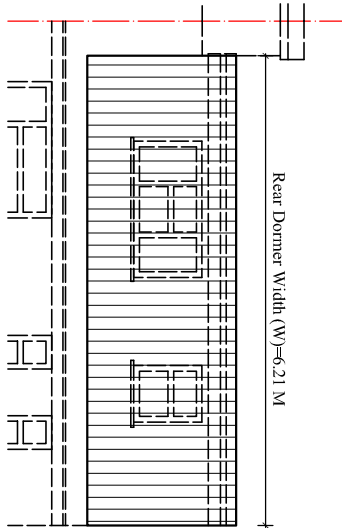
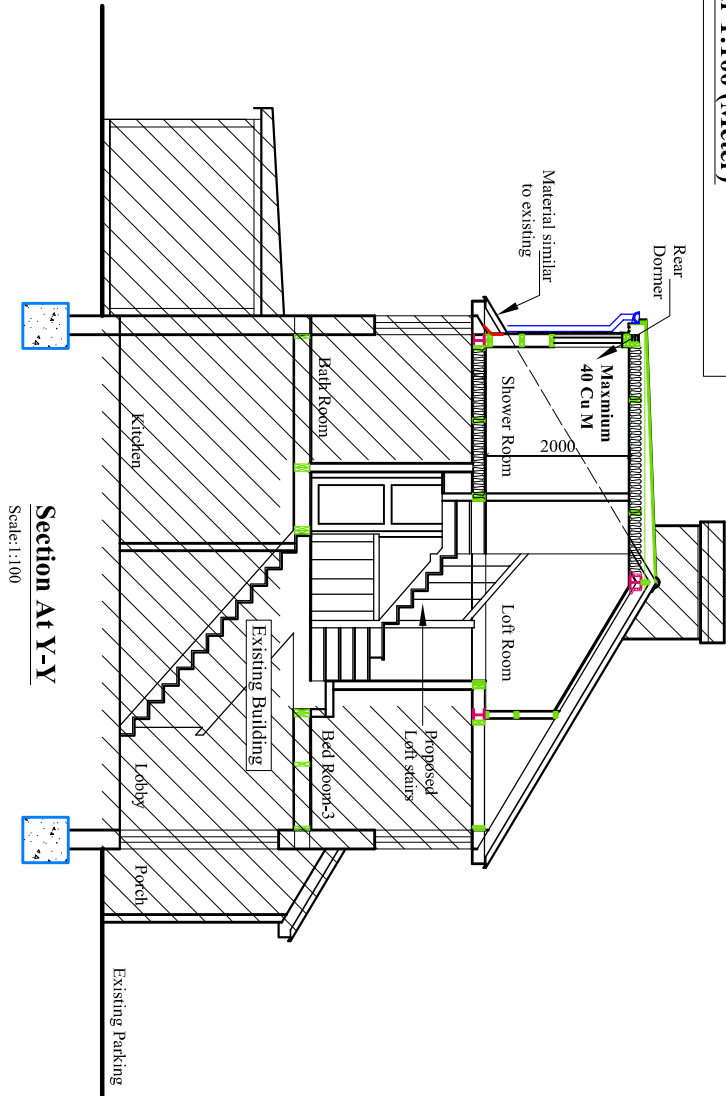
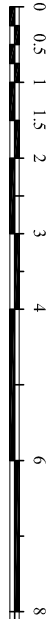
Location:
97 Yew Avenue, Yiewsley,
Middlesex, UB7 8PD.

Status:
Lawful Development Certificate

Title: Proposed Loft plan and extended Volume calculation.			
Drawn by:	Str. Fr.	Checked by:	
L.P	---	R.k	
Project no:	Sheet Size		
BAL-97YA	A3		
Date:	Scale:		
14/11/2023	1:100		

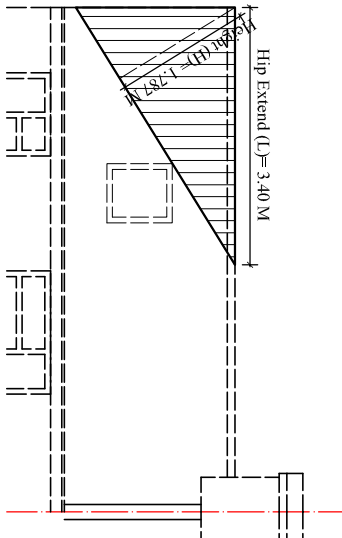


Scale bar 1:100 (Meter)



Rear Dormer Elevation
Scale:1:100

Side Dormer Elevation
Scale:1:100



Gable Extend Elevation
Scale:1:100

Triangle (A)
Area of Triangle (A) = $\frac{1}{2} \times \text{BP}$.
Base (Y) = 1.85 M
Perpendicular (P) = 3.30 M
So, area of Triangle (A) = $\frac{1}{2} \times 1.85 \times 3.30$ Sq. M
= 3.05 Sq. M
Rear Dormer Volume (RD) = Area of Triangle (A) x Width of dormer (W)
= (3.05 x 6.21) Cu. M
Volume of Rear Dormer (RD) = 18.95 Cu. M

Volume of Gable (GB) = (BxLxH)/6
Base (B) = 6.28 Sq. M
Hip Extend (L) = 3.40 M
Gable Height (H) = 1.787 M
So, Gable Volume (GB) = (6.28 x 3.40 x 1.787)/6
= 6.36 Cu. M

So, Total Roof extension : (RD+GB) = (18.95+6.36) = **25.31 Cu M.**