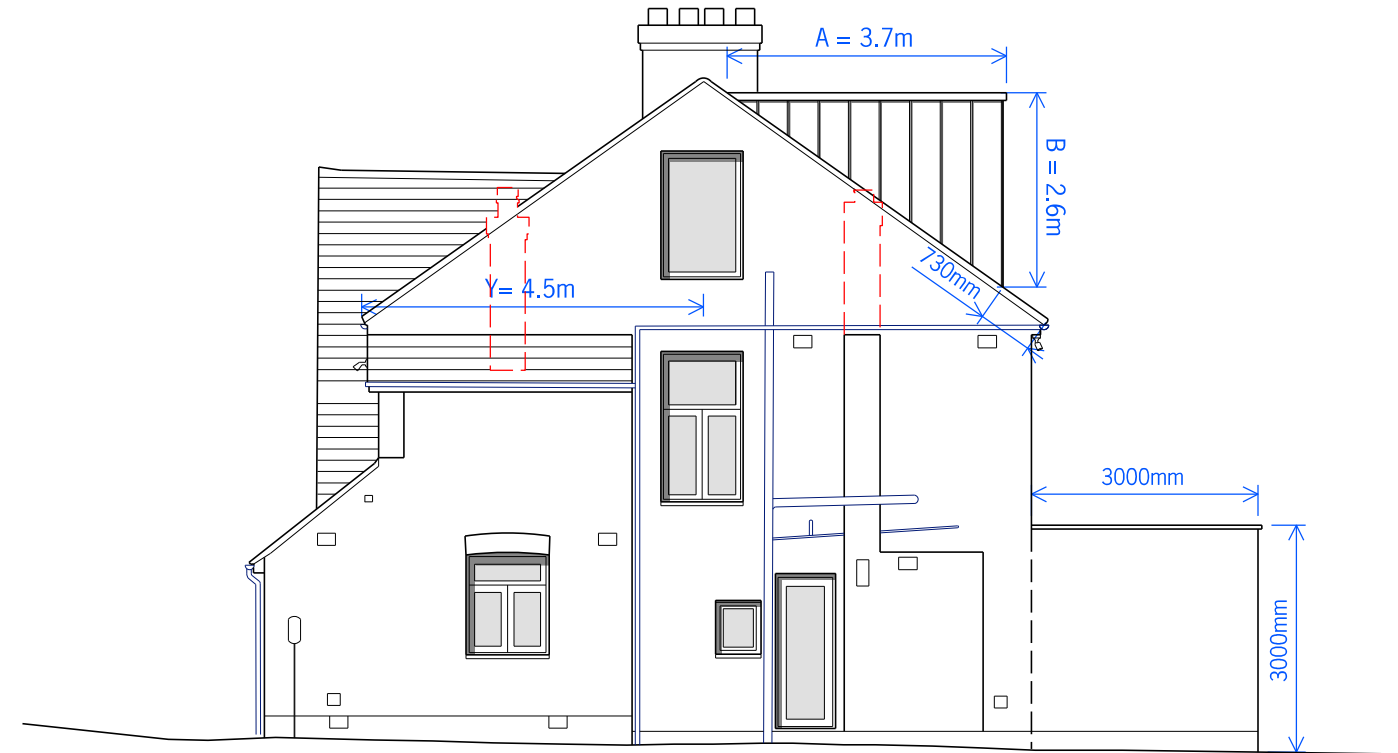
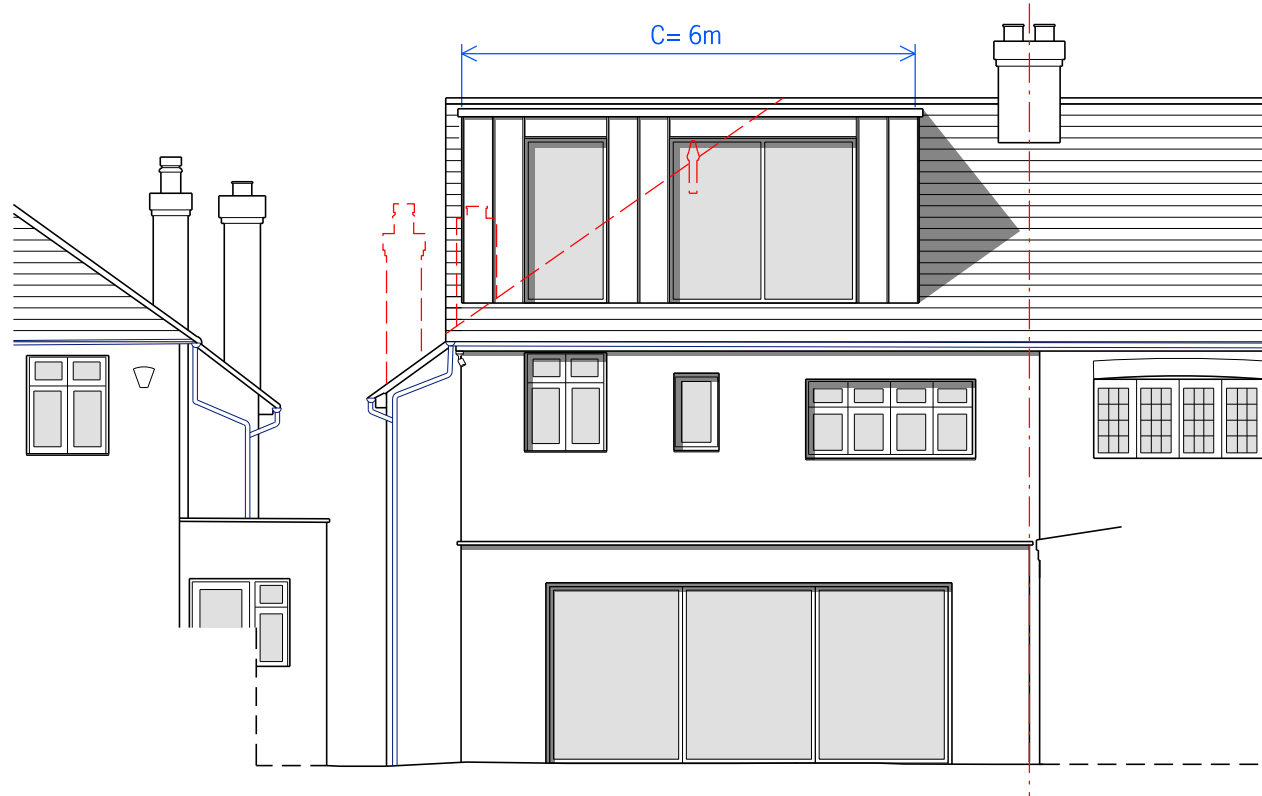


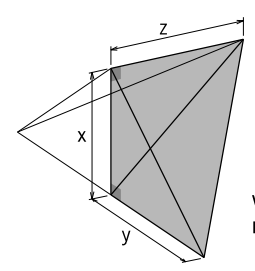
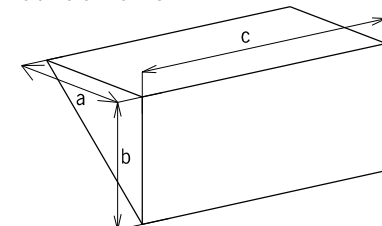
01 Proposed Front Elevation  
1:100@A3



02 Proposed Side Elevation  
1:100@A3



03 Proposed Rear Elevation  
1:100@A3

<p><b>CALCULATION FORMULA</b> Volume of additional roof by creating gable end</p>  $\frac{\left(\frac{xy}{2}\right) \times Z}{3} = \text{Volume of shape}$ <p>Volume of additional roof by creating gable end = Volume of shape x 2</p>	<p><b>CALCULATION</b> Volume of additional roof by creating gable end</p> $\frac{\left(\frac{3.1 \times 4.5}{2}\right) \times 4.5}{3} = 10.4625 \text{ m}^3 \times 2 = 20.92 \text{ m}^3$
<p><b>Volume of Dormer</b></p>  <p>Volume of Dormer = <math>\left(\frac{ab}{2}\right) \times C</math></p>	<p><b>Volume of Dormer</b></p> $\left(\frac{3.7 \times 2.6}{2}\right) \times 6 = 28.86 \text{ m}^3$
<p><b>TOTAL</b></p> <p>Volume of additional roof by creating gable end + Volume of Dormer = Total additional volume</p>	<p><b>TOTAL</b></p> <p>20.92 + 28.86 = 49.78</p> <p><b>49.78 cubic meters</b></p>

All dimensions must be checked and PAPA Architects Ltd are to be informed of any discrepancies prior to construction. Any DWG's issued by PAPA Architects Ltd are to be read in conjunction with the associated PDF versions. This drawing and any of the details therein remain the copyright of PAPA Architects Ltd. All drawings prepared by PAPA Architects are not to be used for any submissions, area schedule calculations or used by any other persons or companies other than PAPA Architects Ltd unless written consent has been given by PAPA Architects Ltd.

Rev	Date	Description	Chk
P01	11.01.24	Submission	DY



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Drawing Title:	Project Name:	Client:
Permitted Development Calculation Sheet	89 Ashurst Road, EN4 9LH	Mr & Mrs. Shamshis
Project No: 2316	Drawing No: 00-300	Rev: P01
Scale: 1:100@A3	Status: PLANNING	Date: 10.01.24
		Drawn: DY