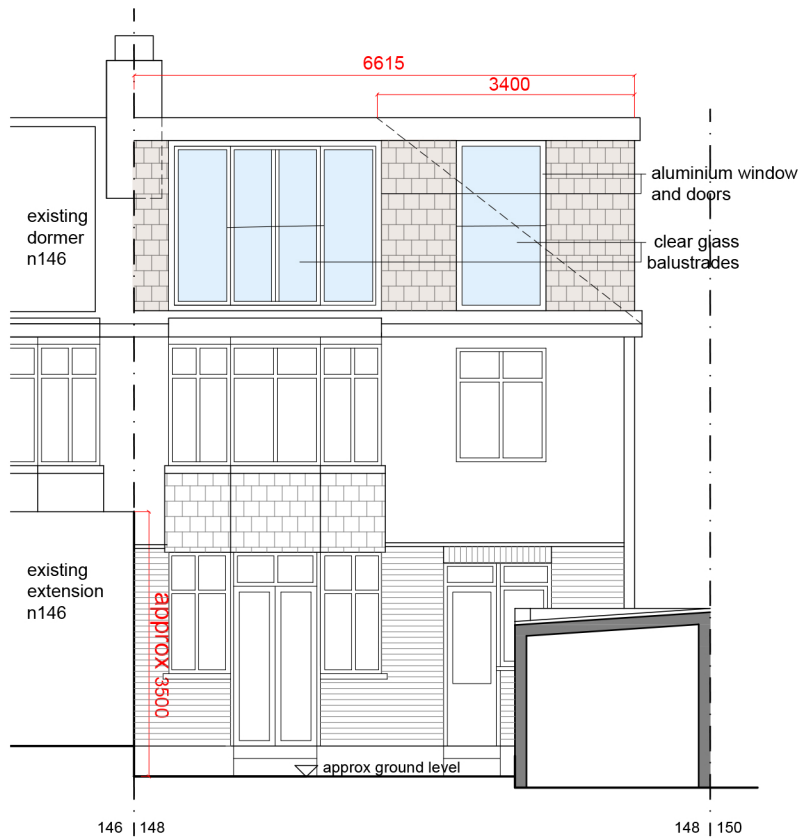
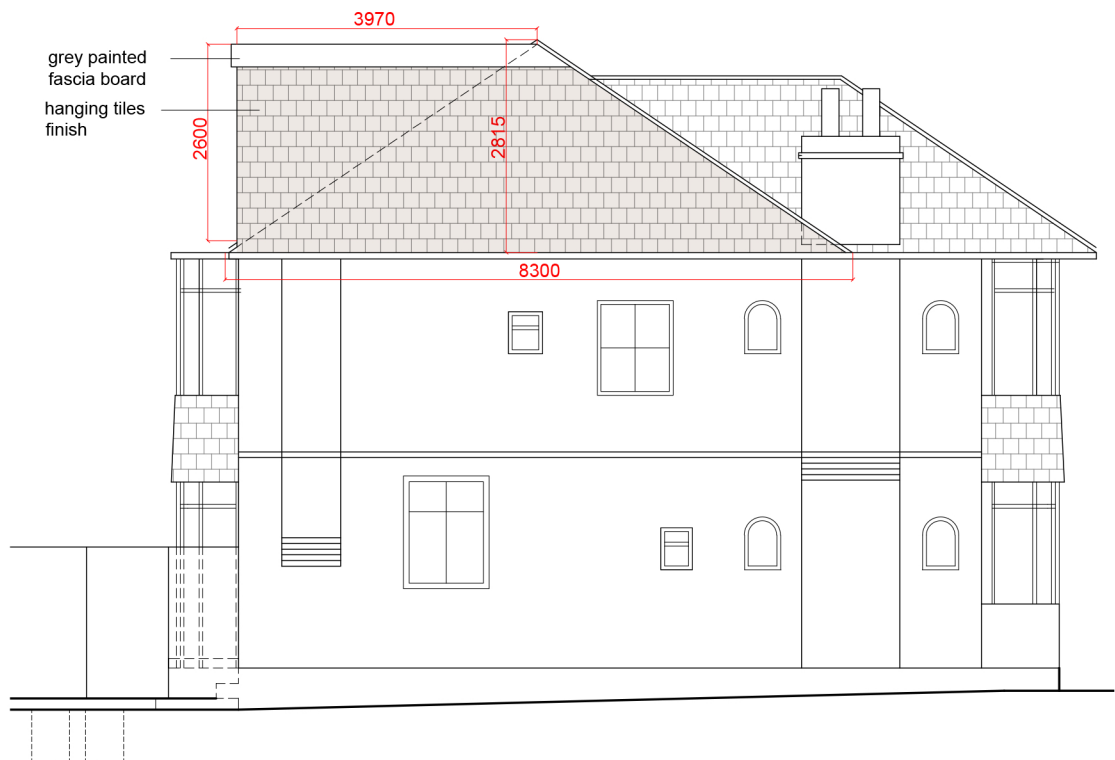




FRONT ELEVATION



REAR ELEVATION



SIDE ELEVATION



Calculation of external volume of the hip to gable conversion:
Base lenght of gable: 8.3m
Height of gable: 2.8m
Top width from hip to gable: 3.4m

$$\frac{8.3 \times 2.8 \times 3.4}{6} = 13.17 \text{m}^3$$

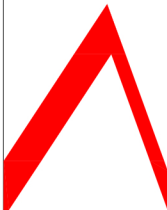
Calculation of external volume of the proposed dormer:
Max height of dormer: 2.6m
Projection of dormer: 3.9m
Width of dormer: 6.6m

$$\text{Side area } \frac{2.6 \times 3.9}{2} = 5.07 \text{m}^2$$

External volume of dormer:
 $5.07 \times 6.6 = 33.46 \text{m}^3$

TOTAL VOLUME:
 $13.17 + 33.46 = 46.63 \text{m}^3 < 50 \text{m}^3$

Note: It is important that the construction of the new extension and existing dormer does not exceed the permitted 50m³.(semi-detached house).

	revision	date		
A	Issue for planning	20.01.23		
FOR PLANNING				
148 Woodfield Way				
As proposed				
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Scale	1:100@A3	Job No	Dwg No	Rev
Date	Dec'22	2022/117	AP(00)07L	A
Drawn	AAT			
Checked	AAT	© COPYRIGHT This drawing is the copyright of Ana Alonso.		