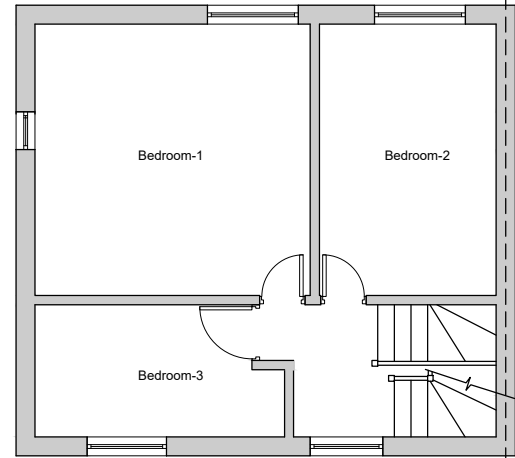
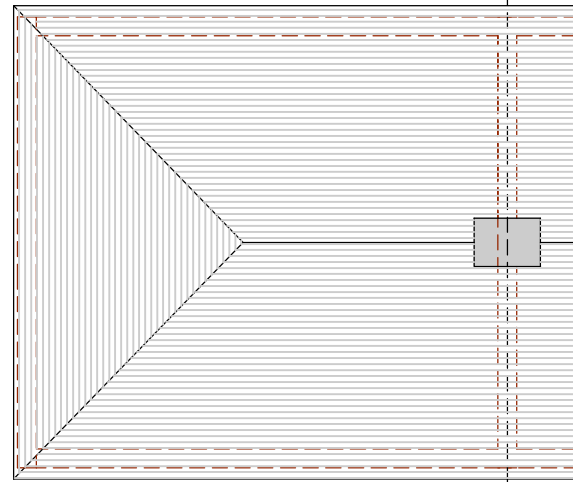


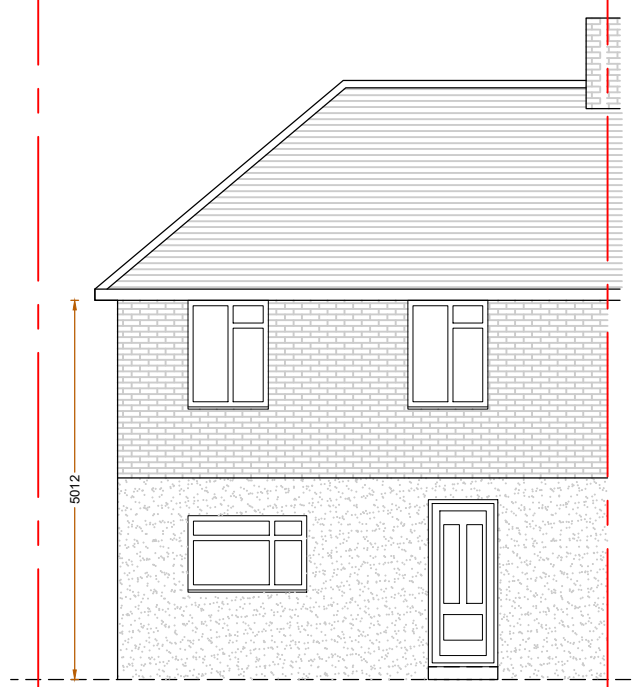
EXISTING GROUND FLOOR PLAN
(SCALE 1:100)



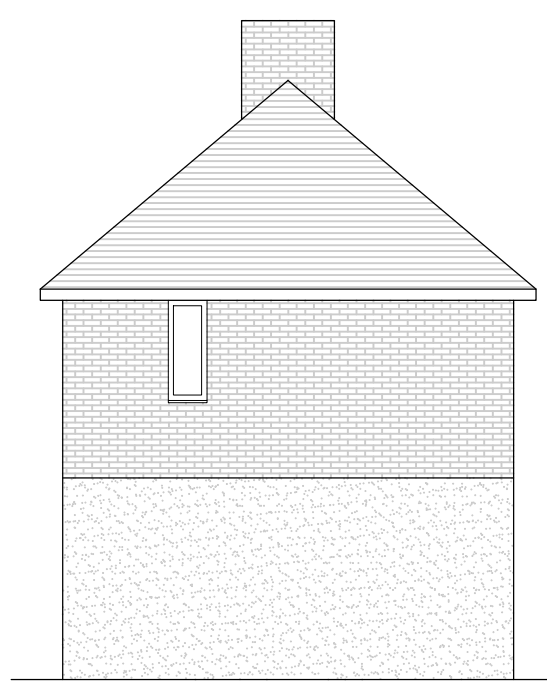
EXISTING FIRST FLOOR PLAN
(SCALE 1:100)



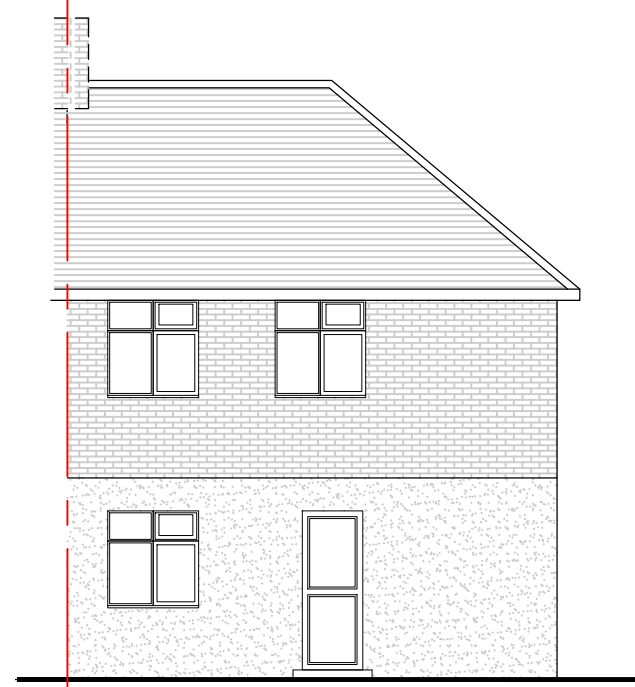
EXISTING ROOF PLAN
(SCALE 1:100)



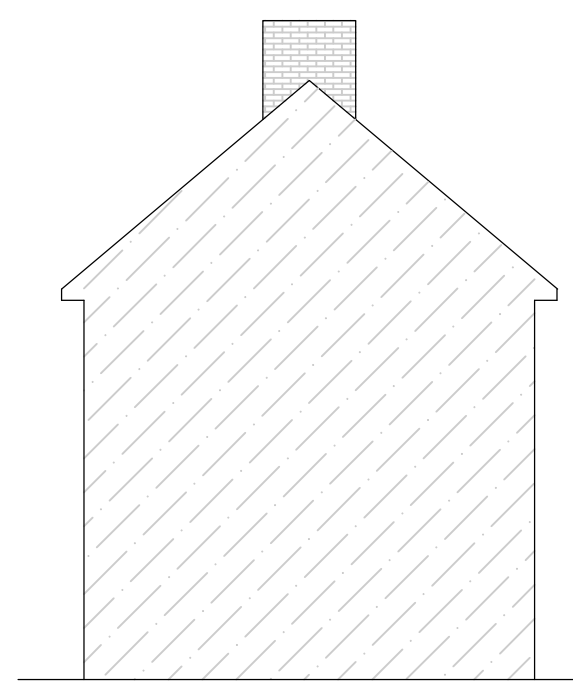
EXISTING FRONT ELEVATION
(SCALE 1:100)



EXISTING REAR ELEVATION
(SCALE 1:100)



EXISTING SIDE ELEVATION
(SCALE 1:100)



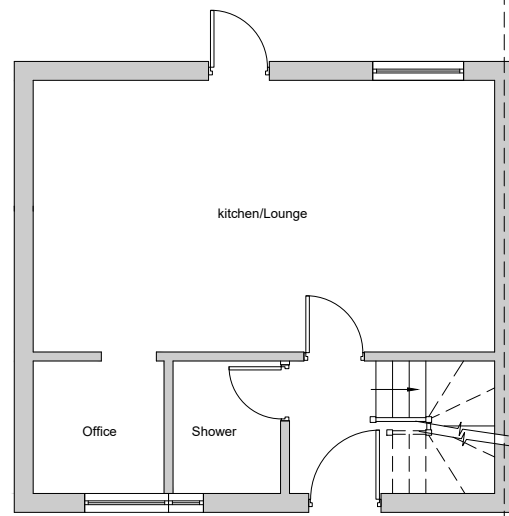
EXISTING PARTY WALL SIDE ELEVATION
(SCALE 1:100)

NOTES:

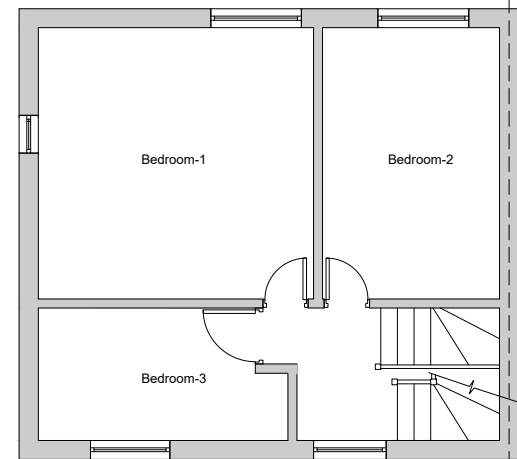
This drawing and the design it covers is the property of SAI Developrs Ltd. It is merely loaned on the borrower's express agreement that it will not be reproduced, copied, loaned, exhibited nor used except in a limited way and private use as permitted by any written consent given by the lender to the borrower.

In case there is any discrepancy between architectural drawings and other drawings, architectural drawings to be followed. The discrepancy to be brought to the notice of the architect before commencement of the work.

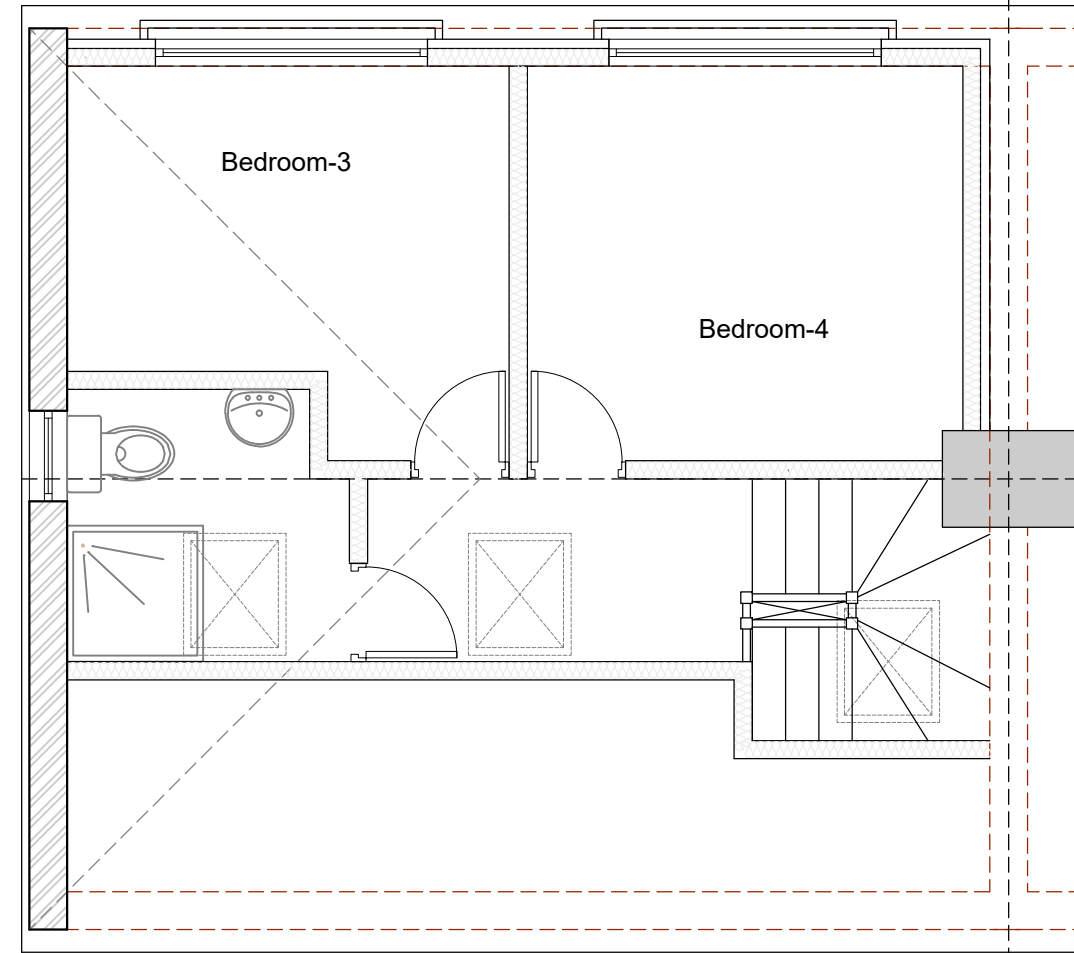
All dimensions are to be read and not measured. All dimensions are in mm. Refer detail drawings wherever relevant.



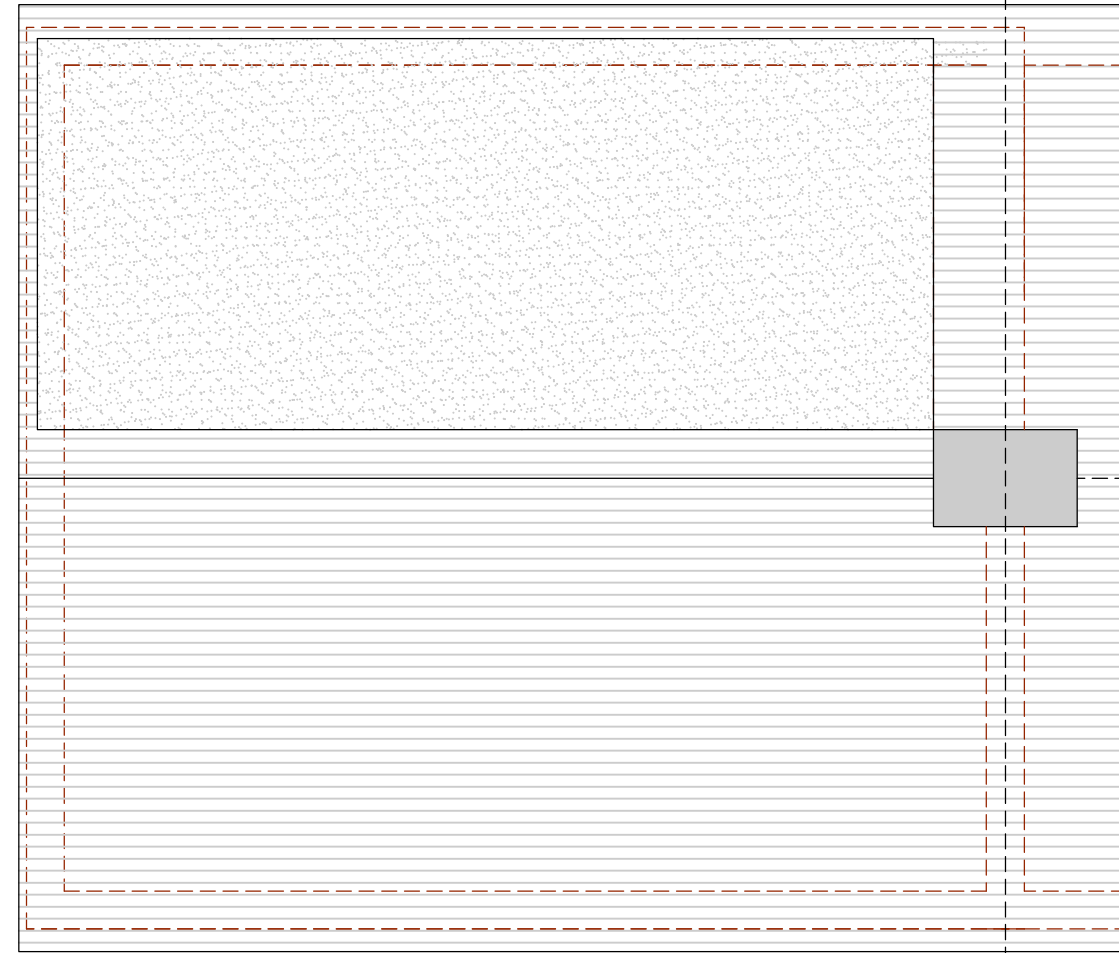
EXISTING GROUND FLOOR PLAN
(SCALE 1:100)



EXISTING FIRST FLOOR PLAN
(SCALE 1:100)



PROPOSED LOFT PLAN
(SCALE 1:50)



PROPOSED ROOF PLAN
(SCALE 1:50)

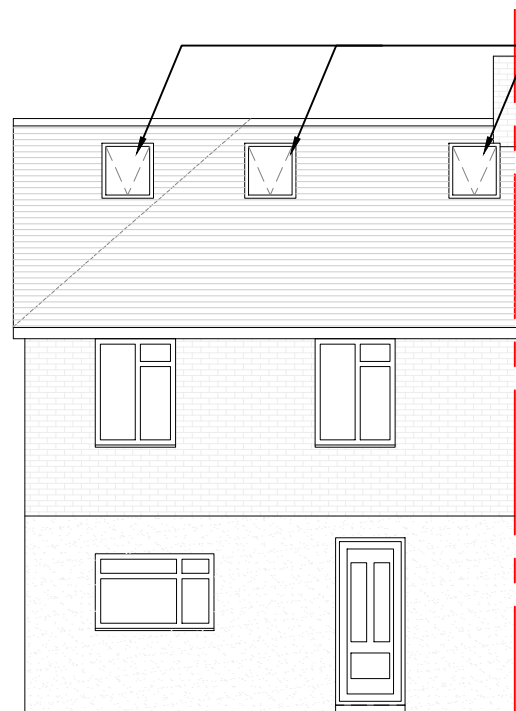
VOLUME CALCULATIONS:

The dormer is to be built under permitted development class B, the total increase in volume of the roof is to be under 50 m³.

The area of the gable end
 $1/2 \times 5.960 \times 2.91 = 8.67 \text{ m}^2$
The volume of the roof extension
 $= 1/3 \times \text{area of gable end} \times \text{length of hip}$
 $= 1/3 \times 8.67 \times 2.98 = 8.61 \text{ m}^3$
The volume of the new dormer.
 $(1/2 \times \text{Dormer projection} \times \text{Dormer height}) \times \text{Dormer length}$
 $= (1/2 \times 2.87 \times 2.66) \times 6.35 = 24.24 \text{ m}^3$

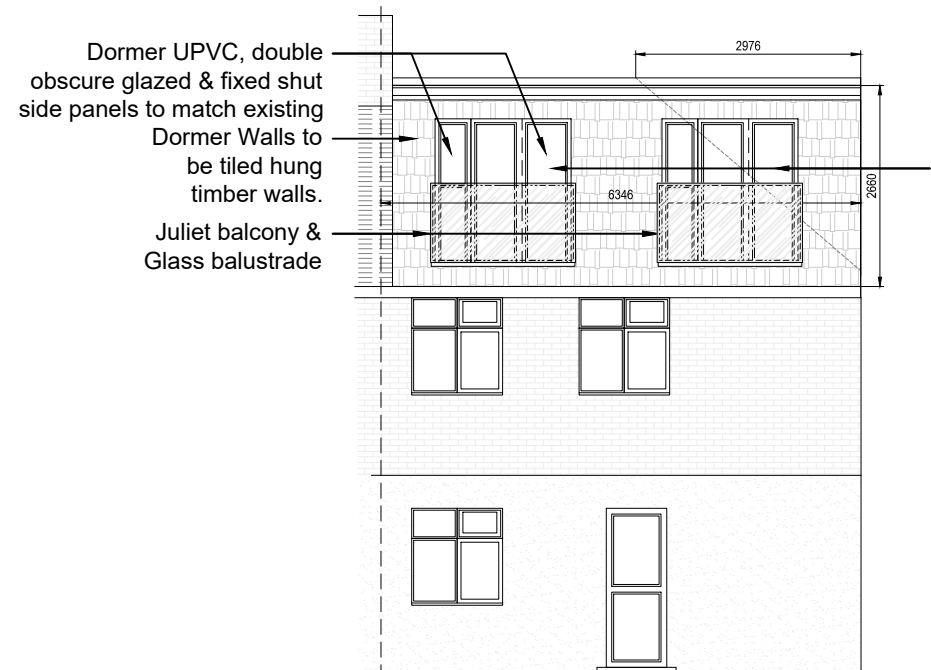
Therefore the total increase in volume due to loft conversion is
 $24.24 + 8.60 = 32.85 \text{ m}^3$
Which is under 50 m³

Contractor is to check all dimensions and ensure that the construction is within permitted development allowance.

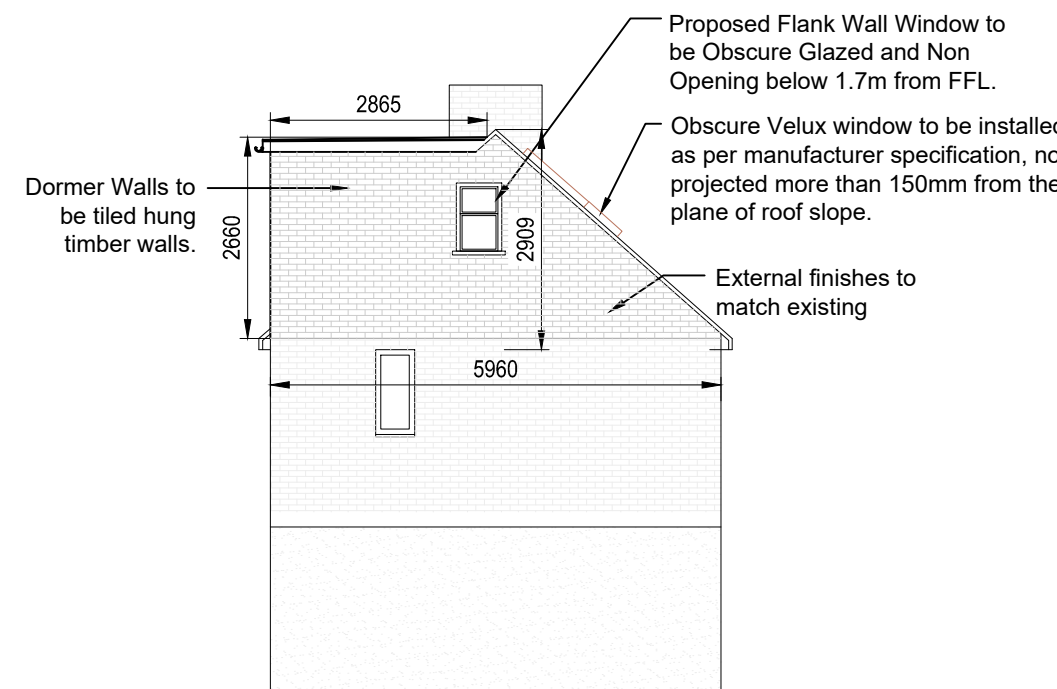


PROPOSED FRONT ELEVATION
(SCALE 1:50)

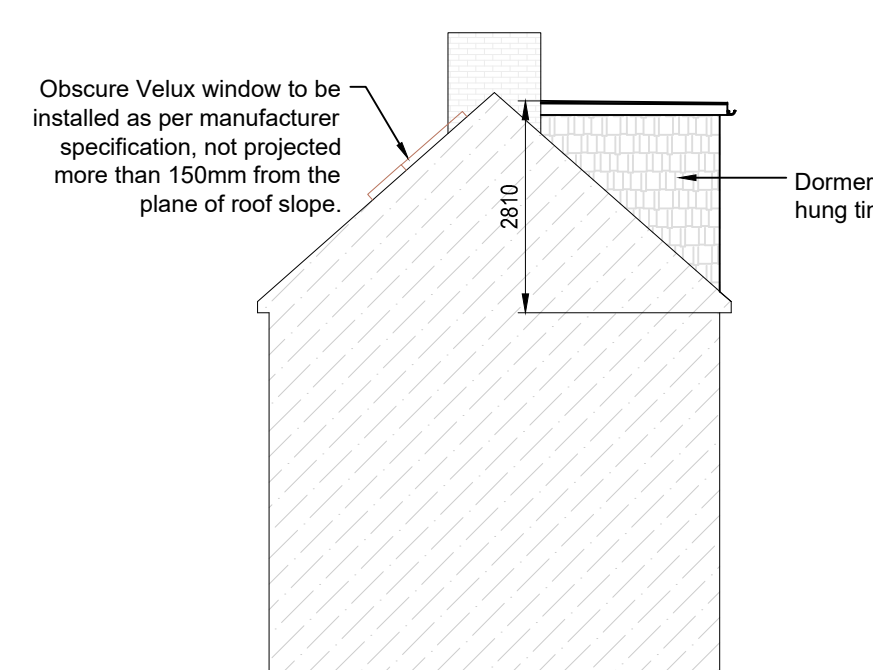
Obscure Velux window to be installed as per manufacturer specification, not projected more than 150mm from the plane of roof slope.



PROPOSED REAR ELEVATION
(SCALE 1:100)



PROPOSED SIDE ELEVATION
(SCALE 1:50)



PROPOSED PARTY WALL SIDE ELEVATION
(SCALE 1:50)

A	19.12.25	FIRST ISSUE		KP
Rev.	Date	Amendment		Drawn
<div><div>SAI</div><div>STRUCTURE LIMITED</div><div>STRUCTURE ENGINEER, & PLANNER</div><div>Email: info@saistructures.co.uk</div><div>Web: https://saistructures.co.uk</div></div>				
Project Title				
16 Birchway, Hayes, UB3 3PA				
Drawing Title				
EXISTING & PROPOSED FLOOR PLANS AND ELEVATIONS				
Scale 1:100 OR As Noted		Orig Size A1		Dimensions mm
Project No.			Drawn KP	Date JAN '25
Drawing No. P-03				Rev. A
<div>Scale</div> <div><div>0</div><div>1</div><div>2</div><div>3</div><div>4</div><div>5m</div></div>				