

Volume Calculations:

Hip to gable conversion section:

$\frac{1}{3}(\frac{8.612 \times 3.487}{2}) \times 4.306$
 $5.005 \times 4.306 = 21.551\text{m}^3$

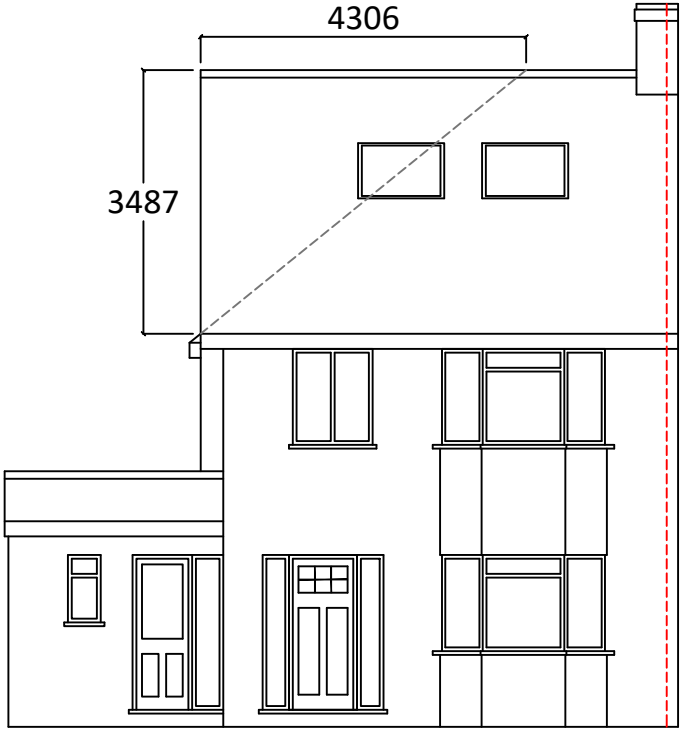
Dormer:

$3.056 \times 2.475 = 7.564$
 $7.564 / 2 = 3.782$
 $3.782 \times 5.666 = 21.429\text{m}^3$

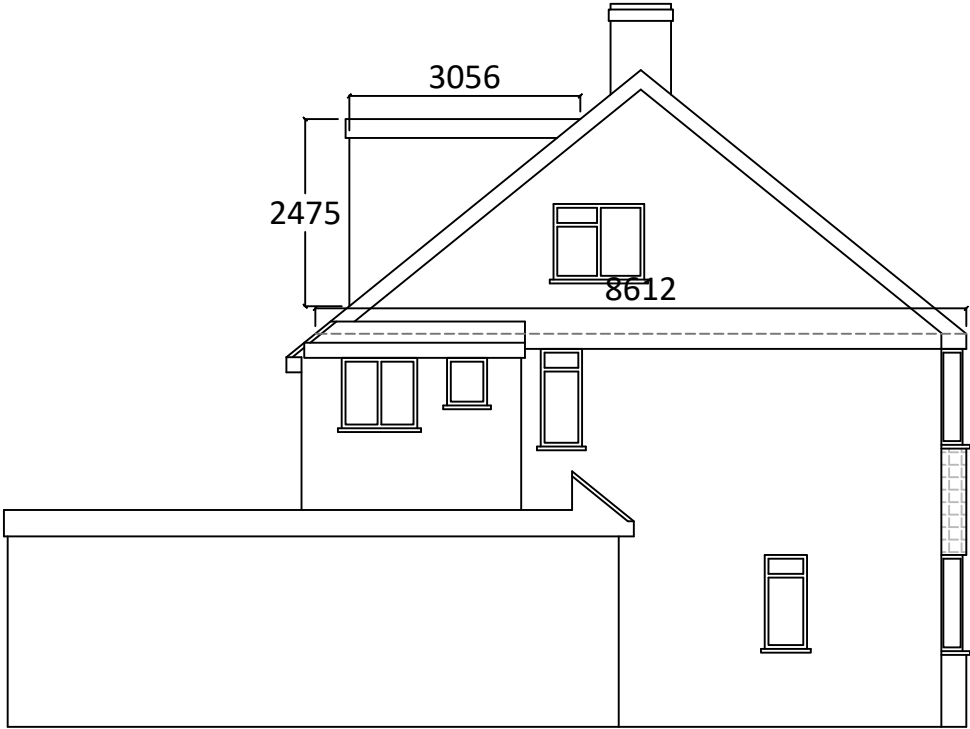
Total Volume Increase:

$21.551\text{m}^3 + 21.429\text{m}^3 = 42.98\text{m}^3$

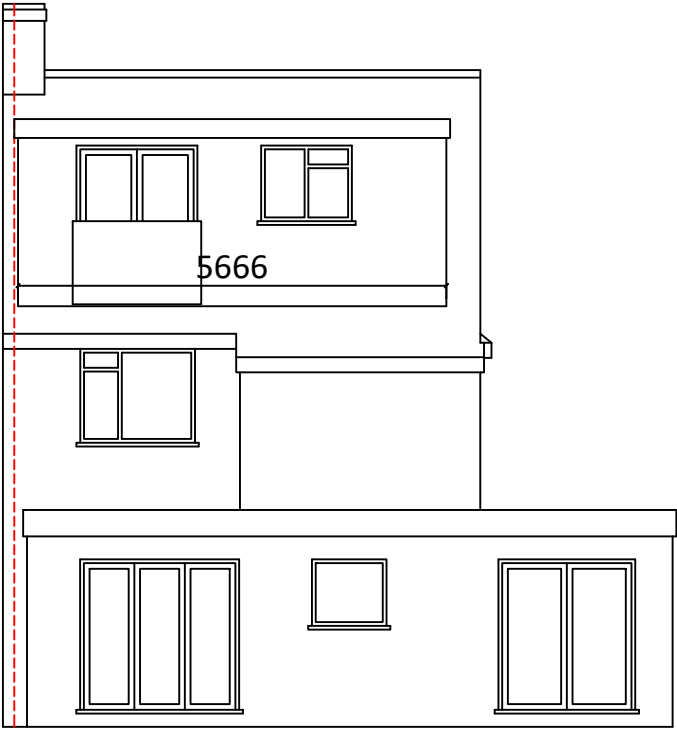
42.98m^3



Proposed Front Elevation



Proposed Side Elevation



Proposed Rear Elevation

- The proposed loft conversion is general permitted development
- The building is a single semi detached dwelling house
 - The dormer will be tile hung to match materials on the existing property
 - The volume increase is 42.98m^3 , within the 50m^3 acceptable under general permitted development
 - No part of the work will exceed the existing ridge height
 - No part of the work will extend beyond the roof slope of the front elevation.
 - Velux windows will not protrude more than 0.15m beyond the plane of the roof slope
 - There will be no verandas, balconies or raised platforms
 - The proposed side window will be obscurely glazed and non opening below 1.7m from finished floor level.
 - The dormer will not overhang any part of the original building.





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Drawing Title
Proposed Elevations - Volume Calculations

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Scale @ A3	Issue Date	Drawn By
1:100	28/01/2026	JT
Job No.	Drawing No.	Revision
BTR/2026	005	A

Notes
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