

Volume Calculations:

Hip to gable conversion section:

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

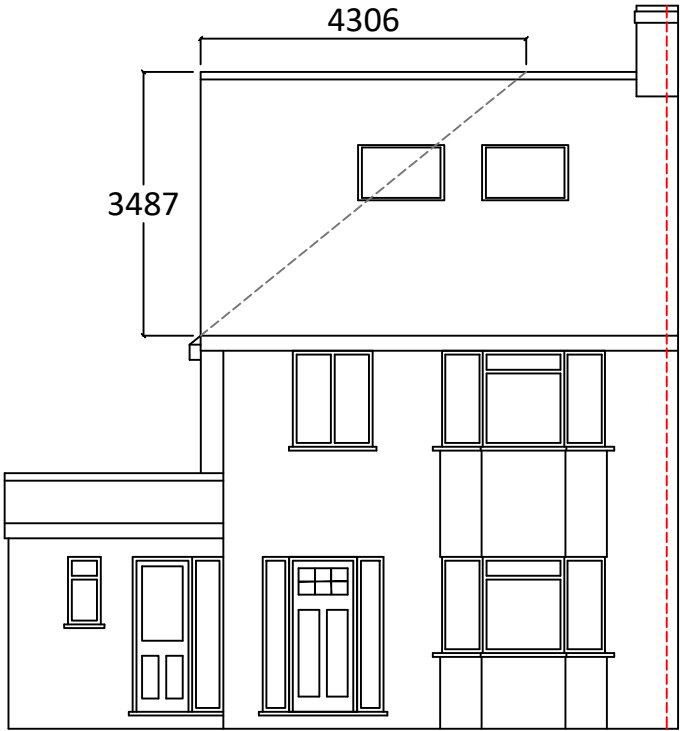
Dormer:

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

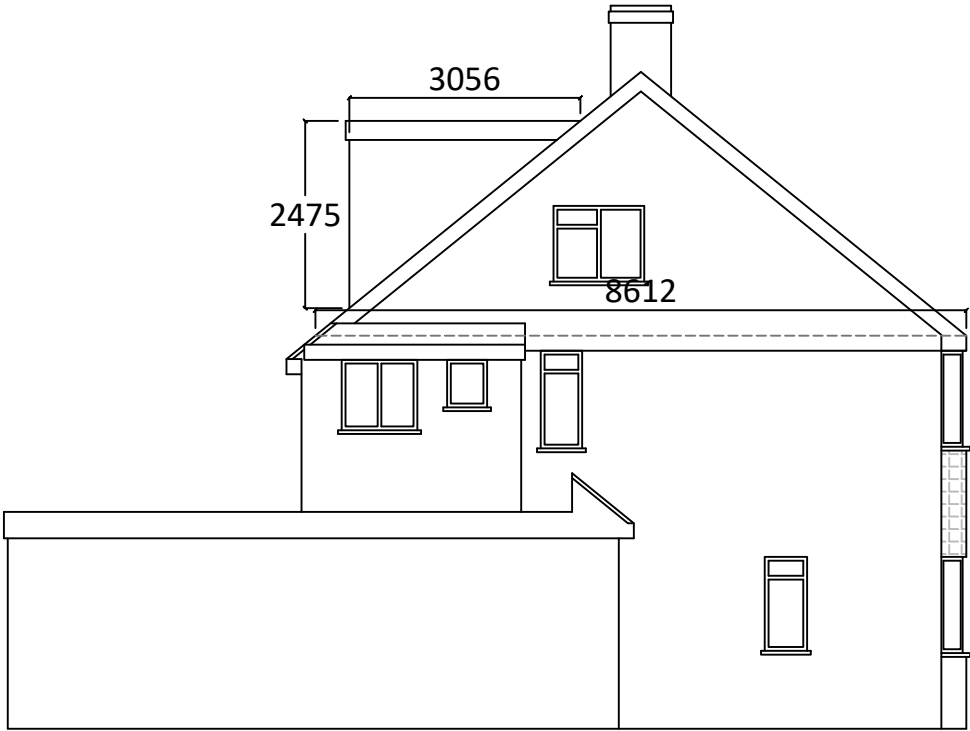
Total Volume Increase:

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

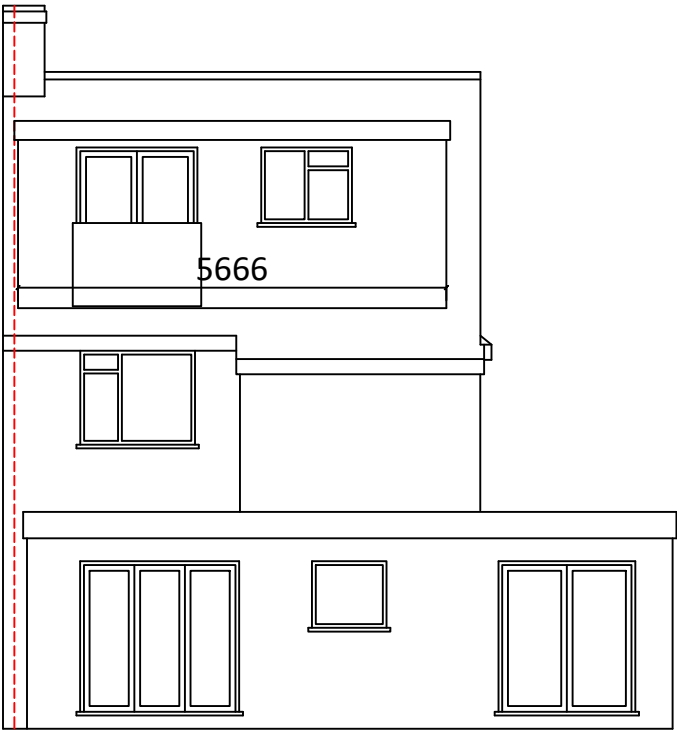
42.98m^3



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
 - There are no windows on the side elevations
 - The eaves will be retained with a minimum of 200mm
 - The dormer will not overhang any part of the original building.





Mount View
Tattenham Crescent
Epsom
KT18 5NU

T 07402981208
E jack@commercialdrawing.com
W www.commercialdrawing.com

Drawing Title
Proposed Elevations - Volume Calculations

Project
133 Bennetts Road Horsham RH13 5JY

Client
Mr & Mrs Folan

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

Notes
Contractors should not scale or use the dimensions shown on this drawing. Any dimensions should be verified from the contractors own measurements taken on site before any the manufacture or installation of any materials. This drawing is the property of CDS Ltd. it should not be copied or issued without their consent.