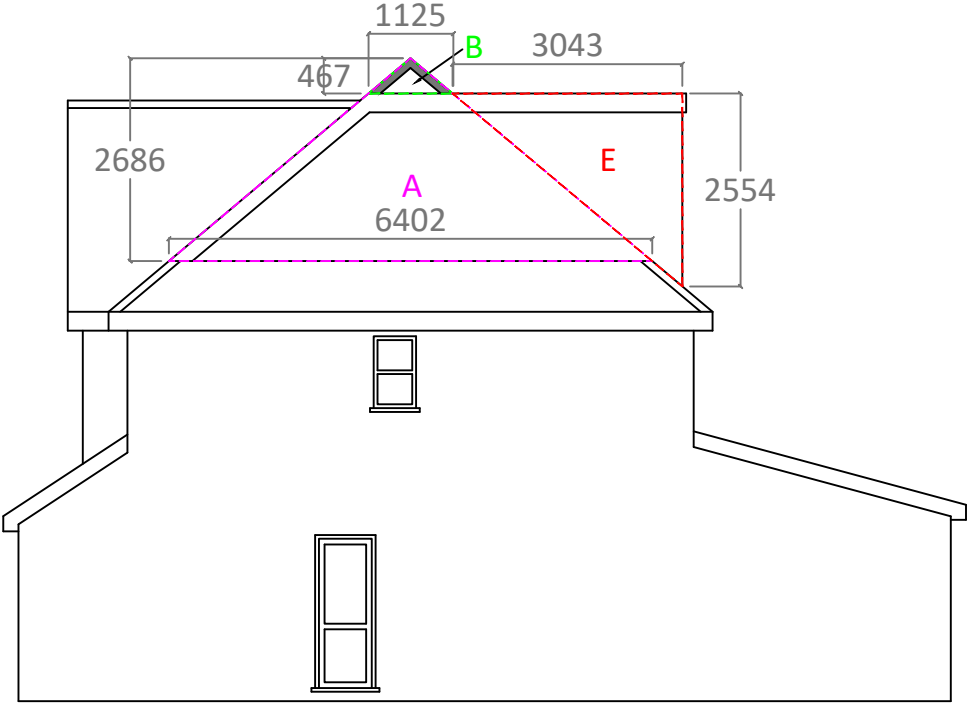


- The proposed loft conversion is general permitted development
- The building is a single detached dwelling house
 - The dormer will be tile hung to match materials on the existing property
 - The volume increase is 49.292m³, within the 50m³ acceptable under general permitted development
 - No part 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.



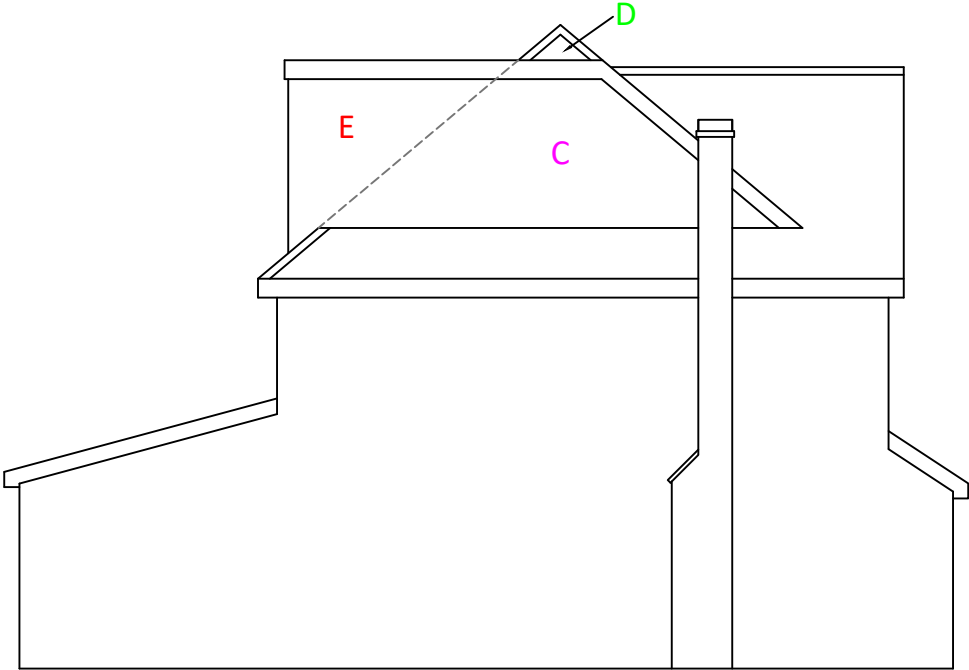
Proposed Front Elevation



Proposed Side Elevation



Proposed Rear Elevation



Proposed Side Elevation

Volume Calculations:

$0.525/2=0.263$

Part A & C have been calculated as a hip to gable conversion minus the unconverted part above the dormer, part B & D. Part A & C are the same size. Part E is the main dormer and has been calculated as a dormer.

Minus Existing hip:

$\frac{1}{3}(\frac{1.125 \times 0.467}{2}) \times 0.557$
 $0.086 \times 0.557 = 0.048\text{m}^3$

Total part A:

$0.263 - 0.048 = 0.215\text{m}^3$

Hip to gable conversion section part A:

$\frac{1}{3}(\frac{6.402 \times 2.686}{2}) \times 3.251$
 $2.866 \times 3.251 = 9.317\text{m}^3$

Total part A-B:

$9.317 - 0.215 = 9.102\text{m}^3$

Part B to be removed:

$0.467 \times 1.125 = 0.525$

Dormer:

$3.043 \times 2.554 = 7.772$

$7.772/2 = 3.886$

$3.886 \times 8 = 31.088\text{m}^3$

Total Volume Increase:

$9.102\text{m}^3 + 9.102\text{m}^3 + 31.088\text{m}^3 = 49.292\text{m}^3$

Scale in metres 1:100





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Drawing Title

Proposed Volume Calculations

Project

54 Primrose Copse
Horsham
RH12 5PZ

Client

Mr & Mrs Newton

Scale @ A3	Issue Date	Drawn By
1:100	01/05/2026	JT
Job No.	Drawing No.	Revision
PRC54/2026	006	

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.
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