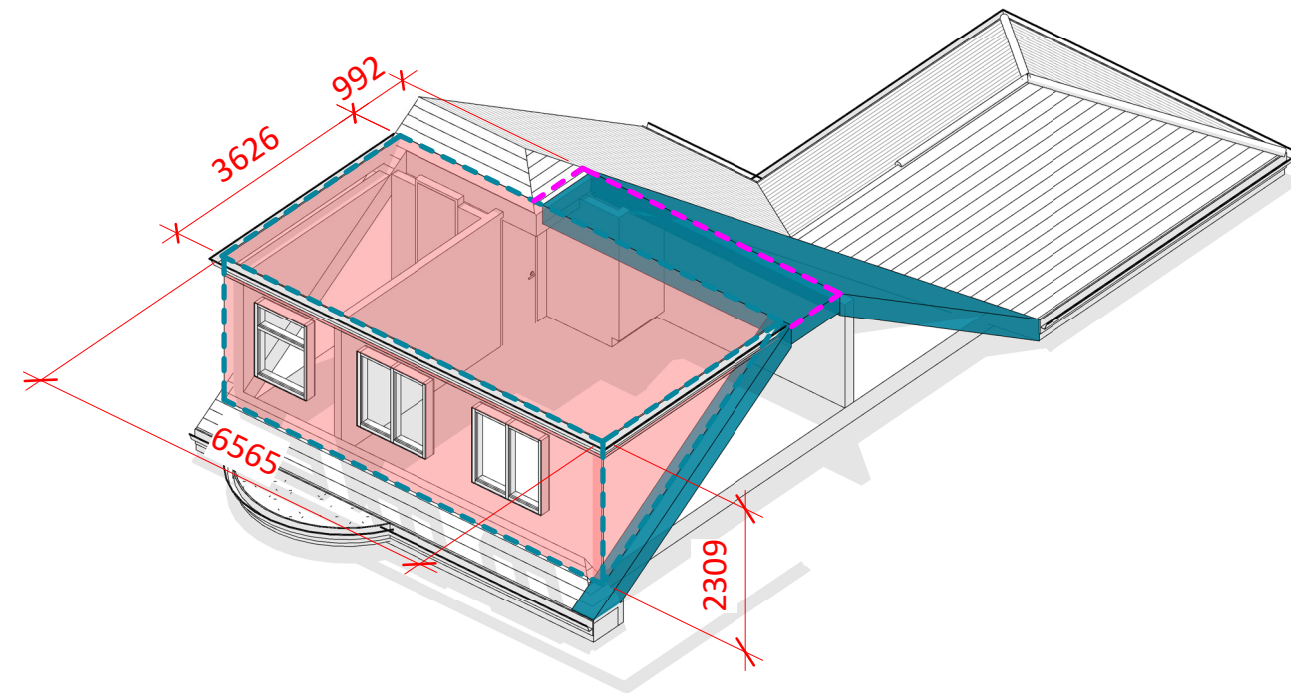


HIP TO GABLE ROOF CALCULATION - (Aqua Colour)

$$\begin{aligned} \text{TRIANGULAR VOLUME [A]} &= 1/3 [9.115 \times 2.594/2] \times 4.492 \\ &= 1/3 \{ [11.8] \times 4.492 \} \\ &= 53.10/3 \\ &= 17.7\text{M}^3 \end{aligned}$$

PROPOSED DORMER CALCULATION -(Red Colour)

$$\begin{aligned} \text{DORMER VOLUME [B]} &= [6.565 \times 2.309 \times 3.626 / 2] \\ &= 27.4 \text{ M}^3 \end{aligned}$$



VOLUME

- HIP TO GABLE ROOF CALCULATION (A) = 17.7M³
- DORMER VOLUME [B] = 27.4M³

TOTAL VOLUME = (HIP TO GABLE VOLUME +DORMER VOLUME)

$$\text{TOTAL VOLUME} = 17.7+27.4 = 45.1 \text{ M}^3$$

45.1 M³ LESS THAN 50 M³

GENERAL NOTES:
ONLY SCALE OF DRAWINGS FOR PLANNING PURPOSES
ALL DIMENSIONS ARE TO BE CHECKED ON SITE. INCONSISTENCIES ARE TO BE REPORTED TO DIMENSIONS IMMEDIATELY.
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PROJECT TITLE

7 Russell Gardens NW11 9NJ

CLIENT

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PROJECT NO

-

DRAWING TITLE

Volumetric
Calculation

SCALE (@ A3)

DRAWING NUMBER

PR - V001

REV

-

Date

23/11/2023

Drawn by

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