

HIP TO GABLE ROOF CALCULATION

$$\begin{aligned} \text{TRIANGULAR VOLUME [A]} &= 1/3 [L \times H/2] \times D \\ &= 1/3 \{ [4.402 \times 2.832/2] \times 8.300 \} \\ &= 6.08 \times 8.300 \\ &= 17.2 \text{ m}^3 \end{aligned}$$

PROPOSED DORMER CALCULATION

$$\begin{aligned} \text{DORMER VOLUME [B]} &= [5.580 \times 2.315 \times 3.894] / 2 \\ &= 51.82/2 \text{ m}^3 \\ &= 25.91 \text{ m}^3 \end{aligned}$$

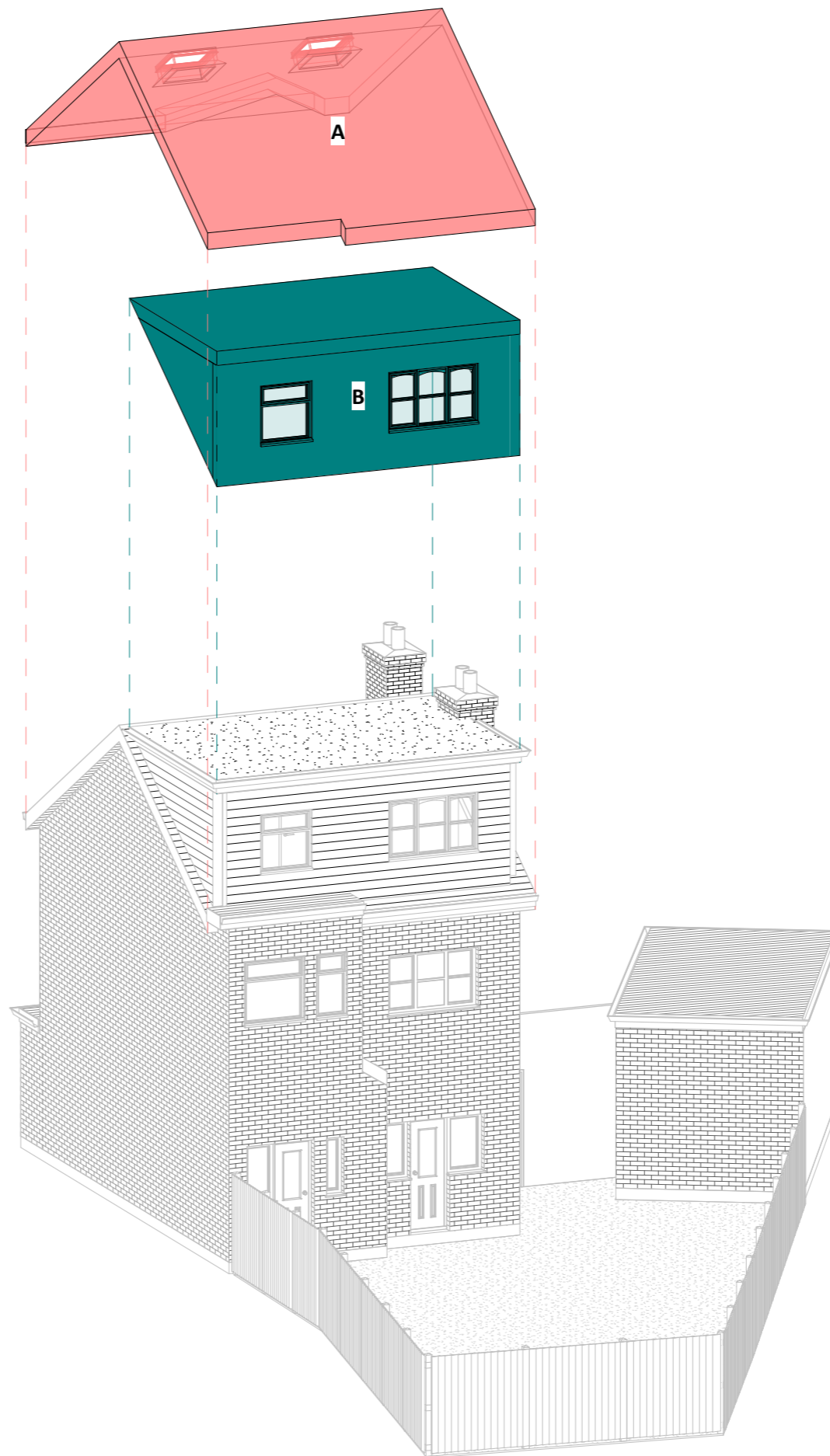
VOLUME

- HIP TO GABLE ROOF CALCULATION (A) = 17.2 m³
- DORMER VOLUME [B] = 25.91 m³

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

$$\text{TOTAL VOLUME} = 17.2 + 25.91 = 43.11 \text{ m}^3$$

43.11 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

36 Glengall Road HA8 8SU

CLIENT

R.F

PROJECT NO

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DRAWING TITLE

Volumetric
Calculation

SCALE (@ A3)

DRAWING NUMBER

PR - V001

REV

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Date

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Drawn by

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