HIP TO GABLE ROOF CALCULATION

TRIANGULAR VOLUME [A] = $1/3$ [L X H/2] X D

$\qquad$ = $1/3\{[4.402$ X $2.832/2]$X $8.300\}$

$\qquad$ = 6.08 X 8.300

$\qquad$ = 17.2 m^3

PROPOSED DORMER CALCULATION

DORMER VOLUME [B] = [5.580 X 2.315 X 3.894] /2

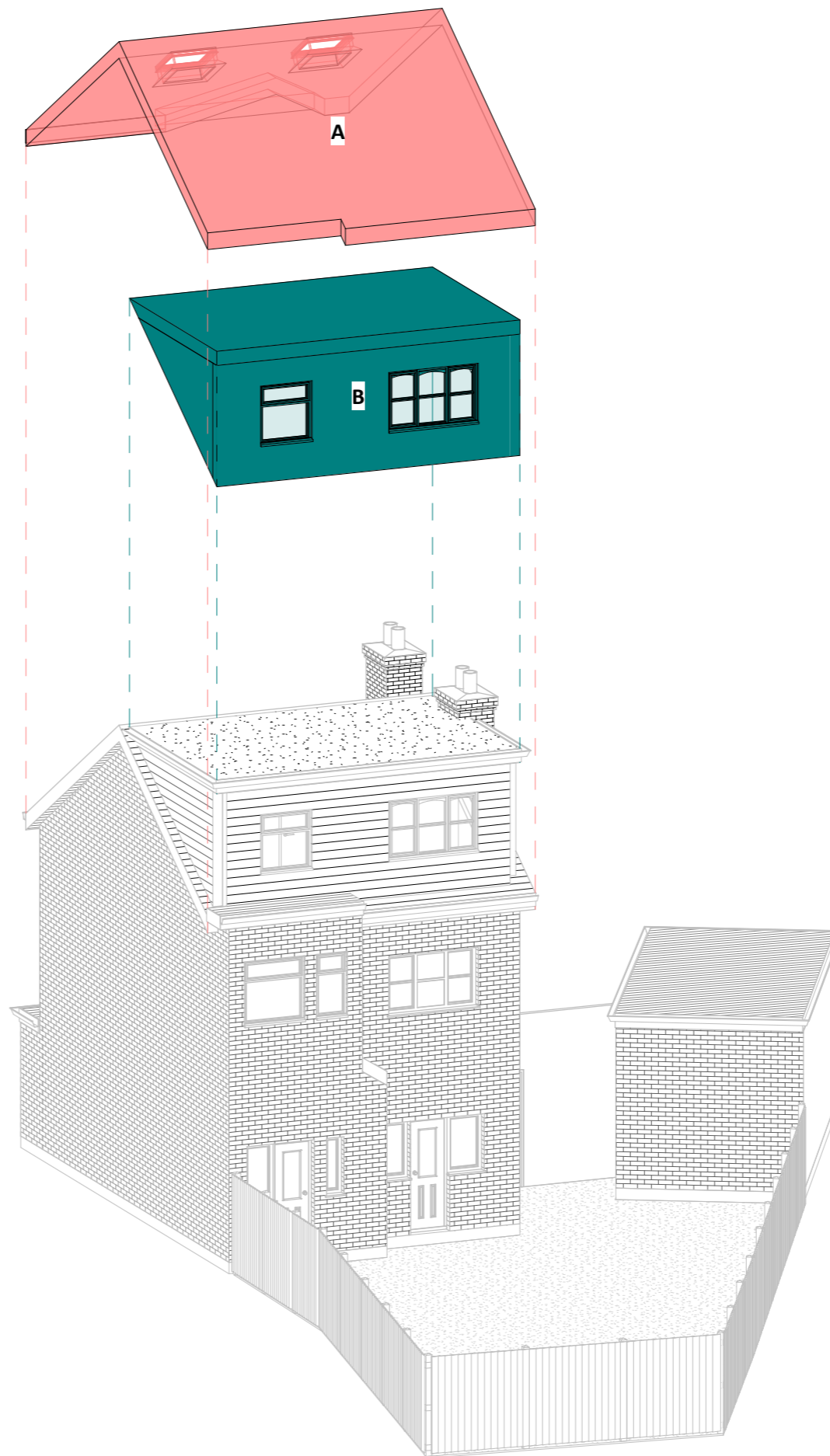$\qquad$ = 51.82/2 m^3

$\qquad$ = 25.91 m^3

VOLUME

- HIP TO GABLE ROOF CALCULATION (A) = 17.2 m^3

- DORMER VOLUME [B] = 25.91 m^3

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

TOTAL VOLUME = 17.2 + 25.91 = 43.11 m^3

43.11 m^3 LESS THAN 50 m^3

A

B

PROJECT TITLE

36 Glengall Road HA8 8SU

CLIENT	PROJECT NO
R.F	-

DRAWING TITLE	SCALE (@ A3)
Volumetric Calculation	

DRAWING NUMBER	REV
PR - V001	-

Date	Drawn by
22-01-2024	Aswin Sellva