

Existing

Main body
- 362.51m³

Lounge protrusion
- 56m³

Porch
- 5.369m³

Utility
- 23.184m³

Store
- 9.76m³

Additional roof
space
- 4.97m³

Garage
- 71.81m³

Total - 533.6m³

Proposed

Main body (pitched roof - two end hips)

Width - 9.4m
Length - 12.4m
Height to eaves - 4.9m
Eaves to ridge height - 2.5m
Slope length - 2.6m
Ridge length - 7.7m

Total volume - 702m³

Total volume for existing building - 533m³
Total volume for proposed building - 789m³

Percentage increase = 48%

Sitting room area (pitched roof -
two end gables)

Width - 4.6m
Length - 2.9m
Height to eaves - 2.7m
Eaves to ridge - 1.7m

Total volume - 47m³

Bay windows (pitched roof - two end gables)

Width - 2.8
Length - 1
Height to eaves - 4.9
Eaves to ridge - 1.7

Total volume - 16m³
x2 = 32m³

Additional roof space -

$2.8 \times 1.7 = 4.76$
 $/2 = 2.38$
 $\times 3.4 = 8.092$
 $/2 = 4$
 $\times 2 = 8$

Total - 8m³

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NOTES:

For planning approval only

No.	Description	Date

CLIENT:

Ms F ADAM Glendene. Barker Lane,
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PROJECT:

GLENDENE

SHEET:

VOLUME CALCULATION

Project number

PHA/

Date

07/07/2025

Drawn by

OSJ

Checked by

PH

A3.1

Scale

Sheet size

A1