

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 - 9.3m
Length - 12.4m
Height to eaves - 4.9m
Eaves to ridge height - 2.4m
Slope length - 2.25m
Ridge length - 7.9m

Total volume - 686.71m³

Sitting room area (pitched roof -
two end gables)

Width - 4.6m
Length - 2.9m
Height to eaves - 2.6m
Eaves to ridge - 1.8m

Total volume - 47m³

Bay windows (pitched roof - two end gables)

Width - 2.7
Length - 1
Height to eaves - 4.9
Eaves to ridge - 1.7

Total volume - 15.53m³
x2 = 31.06m³

Additional roof space -

2.7x1.7=4.59
/2 = 2.295
x2.8=6.426
/2 = 3.213

x2 = 6.426

Total - 6.4m³

Total volume for existing building - 533m³

Total volume for proposed building - 771.17m³

Percentage increase = 44.68%

Peter Hitchen
Architects

Marathon House
The Sidings Business Park
Whalley, BB7 9SE

01254 823 885

www.peterhitchenarchitects.co.uk

NOTES:

For planning approval only

No.	Description	Date

CLIENT:

Ms F ADAM Glendene. Barker Lane,
Mellor, Blackburn BB7 7EE

PROJECT:

GLENDENE

SHEET:

VOLUME CALCULATION

Project number

PHA/792

Date

05/11/2025

Drawn by

OSJ

Checked by

PH

A3.1

Scale

Sheet size

A1

All calculations done on
planning portan website.