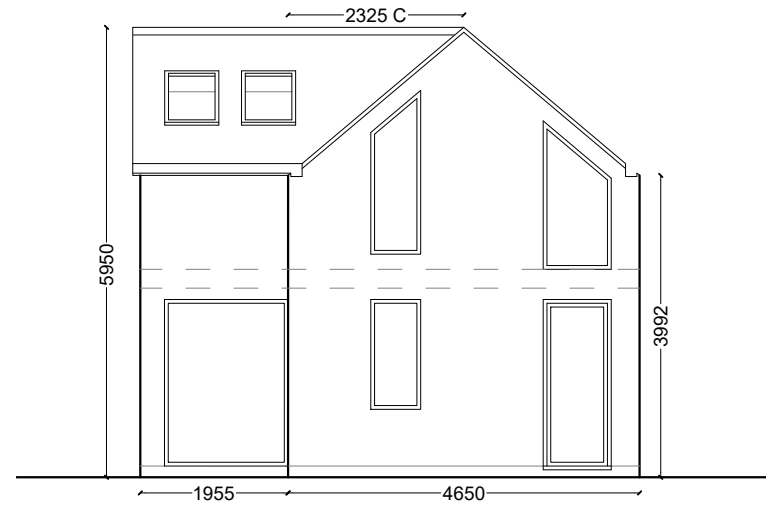




PROPOSED FRONT (S-W) ELEVATION



PROPOSED LEFT (S-E) ELEVATION

**EXISTING** total volume to be removed:

Garage = 138.07878m<sup>3</sup>  
 Outbuilding = 20.996m<sup>3</sup>  
 Shed = 11m<sup>3</sup>

138.07878 + 20.996 + 11  
 = 170.07478m<sup>3</sup>

170 x 1.5 = **255m<sup>3</sup>**

**PROPOSED** total volume of new dwelling:

Area of gable end wall = 23.1m<sup>2</sup>

23.1 x 8.85 = 204.435m<sup>3</sup>

Area of front gable wall = 23.1m<sup>2</sup>

23.1 x 1.955 = 45.1605m<sup>3</sup>

Connecting section of roof:

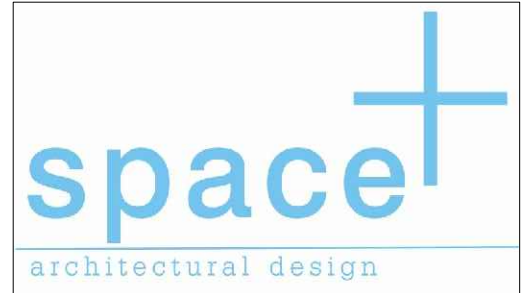
A = 4.65m  
 B = 1.958m  
 C = 2.325

A x 1/2 B x 1/3 C = 4.65 x 0.979 x 0.6975  
 = 3.175m<sup>3</sup>

Total - 204.435 + 45.1605 + 3.175 = **252.77m<sup>3</sup>**

PROPOSED VOLUME CALCULATIONS

1:100 SCALE



Nick & Ann Smythe  
 Stileways  
 Wraxhall  
 Bristol  
 BS48 1PH

PROPOSED VOLUME CALCULATIONS

Date : 05/04/2023

Scale at A3 : as indicated

Drawing: Smythe-Stileways-FP-12-A

Rev:	Date:	Details:
A	09/11/23	Parking revised

Drawn by: TR AR

NOTES

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7. Use figured dimensions only & all dimensions to be checked on site.
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PRELIMINARY - SUBJECT TO PLANNING APPROVAL