





<u>Section A-A Proposed Extension Cross-sectional Area</u>

Section B-B Proposed Extension Cross-sectional Area

Existing Extension Volume = 4.535x5.25 = 23.80875m<sup>3</sup>

Max extension volume permitted =  $40m^3$ 

Max additional volume permitted = 40-23.80875= 16.19125m<sup>3</sup>

Proposed roof extension volume =  $(4.586x3.26)+(0.182x1.99)+(-0.174x1.99) = 14.96628m^3$ 

Total volume of roof extensions = 23.80875+14.96628 = 38.77503m<sup>3</sup>

The proposed volume of extensions proposed therefore complies with permitted development criteria as the volume of roof extensions proposed is less than 40m<sup>3</sup>.

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job title
6 Alexandra Road

client

Christina & Peter Hutton

Existing eaves retained with 200mm setback along roof slope to extension.

drawing title		scale	1:50 @ A3
Roof Extension Volume Calculation		date	Aug 2023
drawing number	rev	drawn by	RMW
1789.03.03.Pln02.200		checked by	RW