

Roof volume calculations:

Volume 1, hip-to-gable - $V = A \times \frac{B}{2} \times \frac{C}{3}$

$9.5 \times \frac{2.6}{2} \times \frac{4.7}{3} = 19.4m^3$

Volume 2, dormer - $V = \frac{D \times E}{2} \times F$

$\frac{4.5 \times 2.2}{2} \times 4 = 19.8m^3$

Total volume 1 & 2 = $39.2m^3$

Maximum roof extension under Permitted Development: $40m^3$



Notes

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All dimensions shown are indicative and must be double checked on site by the contractor. Any inconsistencies found must be reported to Robert Dye Architects LLP.

DO NOT SCALE FROM THE DRAWING



Rev	Date	Notes
A	14.05.21	Revised to planner request

robertdye	
Robert Dye Architects LLP 4 Ella Mews, Cressy Road London NW3 2NH	
tel: 020 7267 9388	www.robertdye.com
fax: 020 7267 9345	email: info@robertdye.com
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