

Roof volume calculations:

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

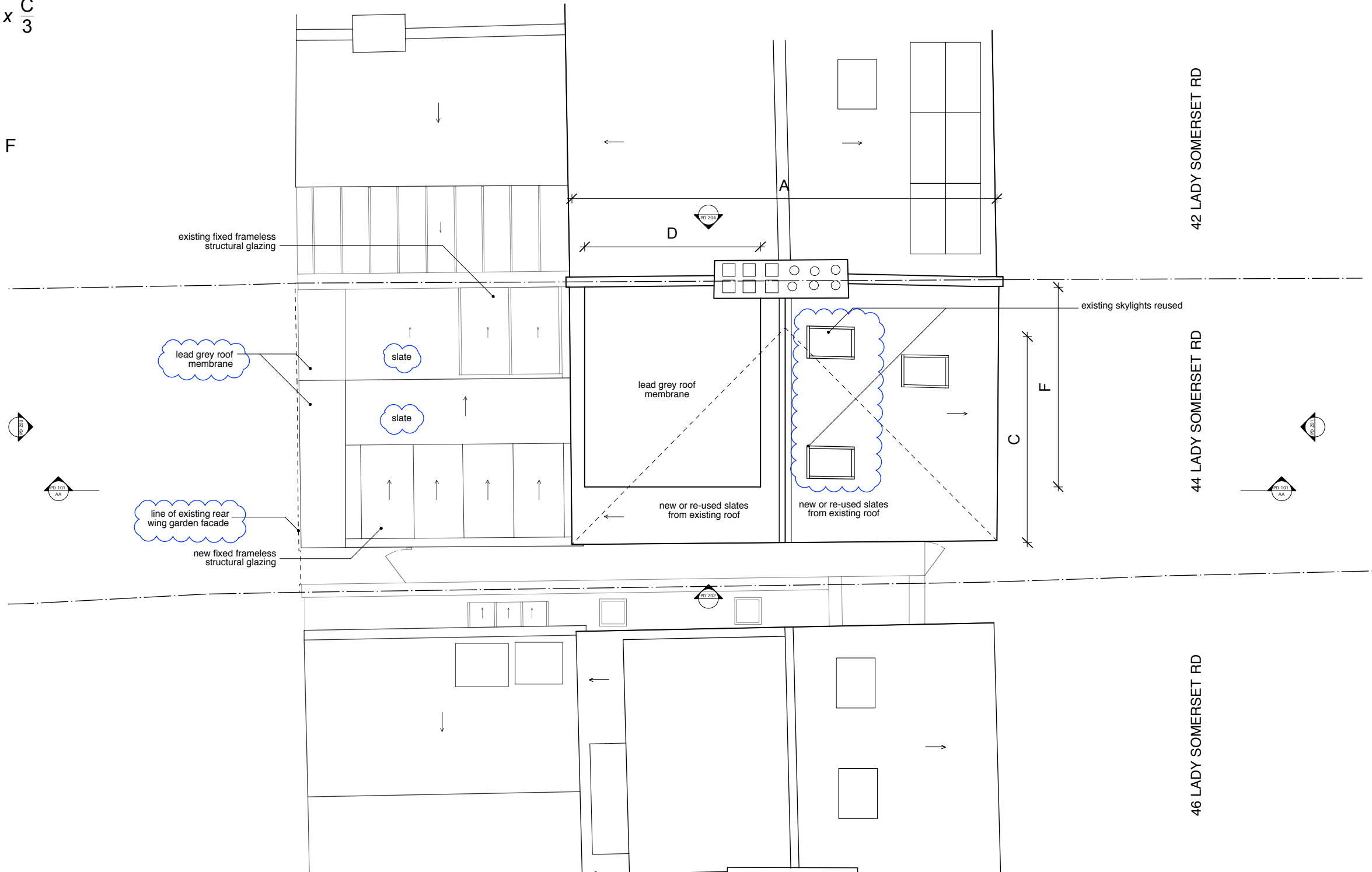
$9.5 \times \frac{2.6}{2} \times \frac{4.7}{3} = 19.4m^3$

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

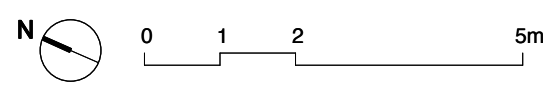
These plans and specifications prepared by Robert Dye Architects LLP as instruments of professional service shall remain the property of Robert Dye Architects LLP.

These plans may not be copied or re-used without the express written consent of Robert Dye Architects LLP. The use of these plans for construction is permitted only when specifically released for construction reference by a dated authorised signature.

These plans are project and site specific and shall only be used for their intended purpose unless otherwise permitted by written consent of Robert Dye Architects LLP.

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	25.05.21	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
project 44 Lady Somerset Rd	project no 293
drawing Proposed Roof Plan	scale 1:100
	drawn by OO
drawing no PD 001	rev A
	date May 2021
	dwg status Information