

Roof volume calculations:

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

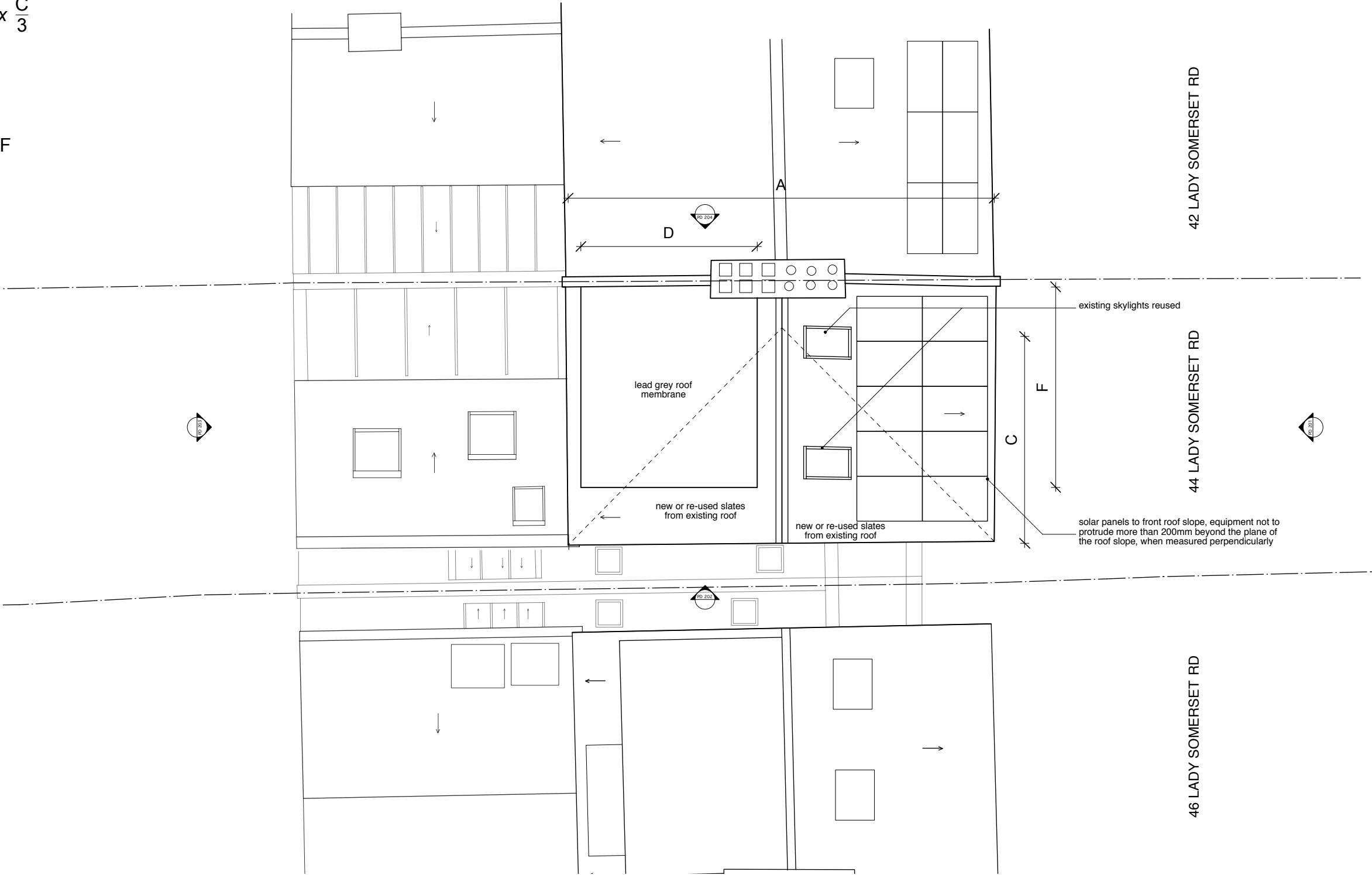
$9.5 \times \frac{2.6}{2} \times \frac{4.7}{3} = 19.4m^3$

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: 40m³



<div>Notes</div> <div><p>These plans and specifications prepared by Robert Dye Architects LLP as instruments of professional service shall remain the property of Robert Dye Architects LLP.</p><p>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.</p><p>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.</p><p>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.</p><p>DO NOT SCALE FROM THE DRAWING</p></div>	<div><div><div>N</div><div></div></div><div><div>0</div><div>1</div><div>2</div><div>5m</div></div></div>	Rev	Date	Notes		<div>robertdye</div> <div>Robert Dye Architects LLP 4 Ella Mews, Cressy Road London NW3 2NH</div> <div>tel: 020 7267 9388 fax: 020 7267 9345</div> <div>www.robertdye.com email: info@robertdye.com</div>				
					project	44 Lady Somerset Rd	project no	293		
					drawing	Proposed Roof Plan		scale	1:100	
							drawn by	OO		
					drawing no	PD 001	rev	/		
							date	Feb 2021		
							dwg status	Information		