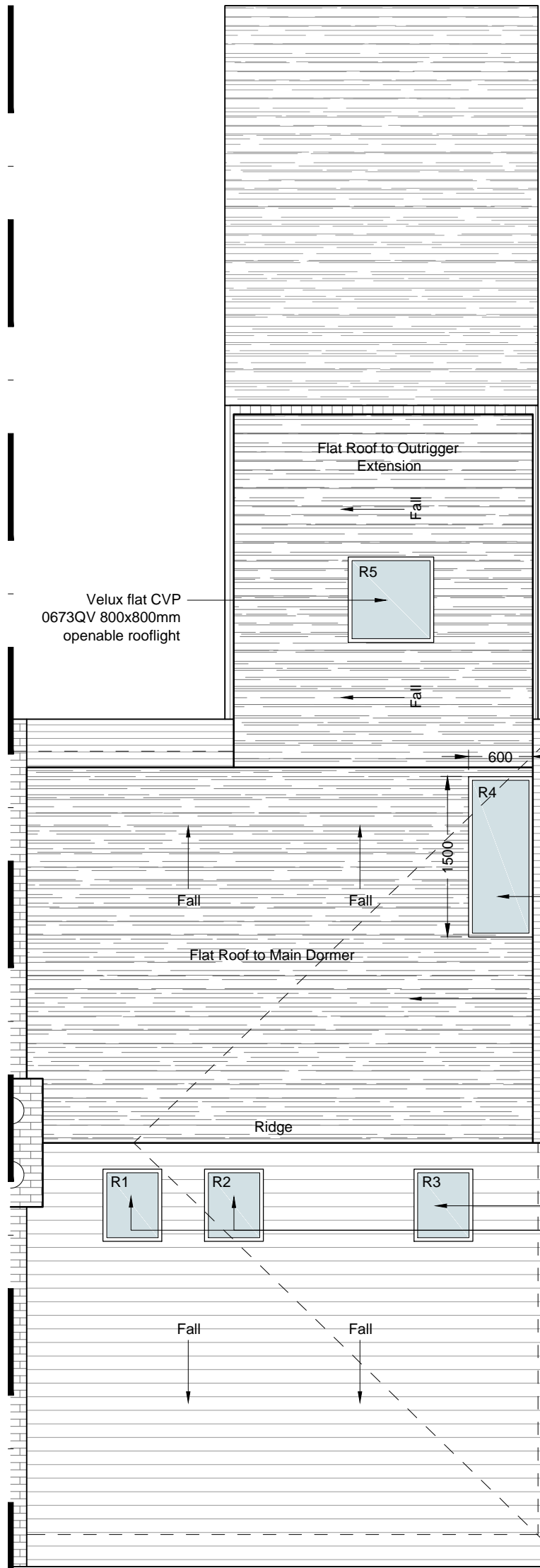
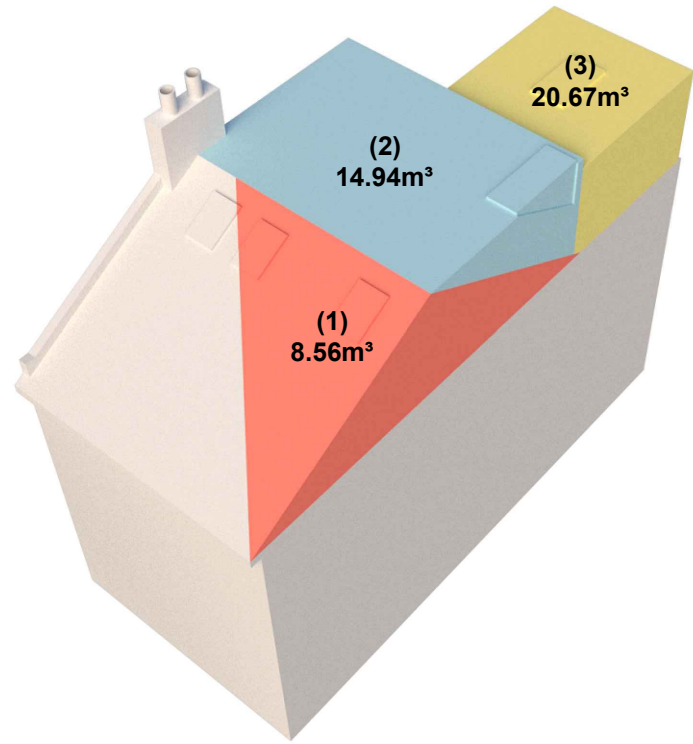


DO NOT SCALE FROM THIS DRAWING
All dimensions to be checked on site

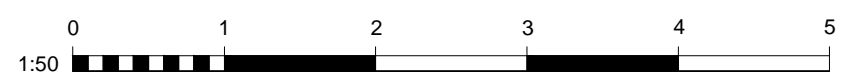


Loft Conversion Volume Increase :

(1) Hip to gable $\frac{1}{3} \frac{(R \times H \times L)}{2}$	$\frac{1}{3} \frac{(3.83 \times 1.85 \times 7.25)}{2}$	= 8.56m ³
(2) Main dormer $\frac{(L \times W \times H)}{2}$	$\frac{(4.73 \times 3.51 \times 1.80)}{2}$	= 14.94m ³
(3) Outrigger $\frac{(L \times W \times H)}{2}$	$\frac{(3.25 \times 2.73 \times 1.92)}{2}$	= 20.67m ³
	$\frac{(3.25 \times 2.73 \times 0.82)}{2}$	
Total volumetric increase = 44.17m³		
Therefore within Permitted Development volume requirements		

- Proprietary sealed, flat, double glazed rooflight over stairwell to loft
- New flat roof to dormer with GRP weatherproof covering to cold roof deck. Weatherproof membrane to be 22mm thick external grade plywood laid onto firrings (cast) to offer 1:4 minimum fall. Dress GRP roof deck the the new ply deck. GRP to be laid by an approved and registered installer and to be dressed with all necessary proprietary dressed flashings and trims. Final colour of GRP to be selected by the client. Allow for proprietary edge trim detail to the GRP and cross ventilation from ridge to eaves with Glidevale G54 ridge vents and FV250 soffit vent.
- Existing ridge line
- 3 no. GGL Velux rooflights with proprietary flashings

Roof Plan - Proposed



Project:	8 South Western Road, Twickenham, TW1 1LQ		
Ref:	CPA/0821/8SouthWestern/PropRoof		
Dwg. Title:	Proposed Roof Plan		
Date:	20.09.21	Scale:	1:50 @ A3
Rev.:			-