



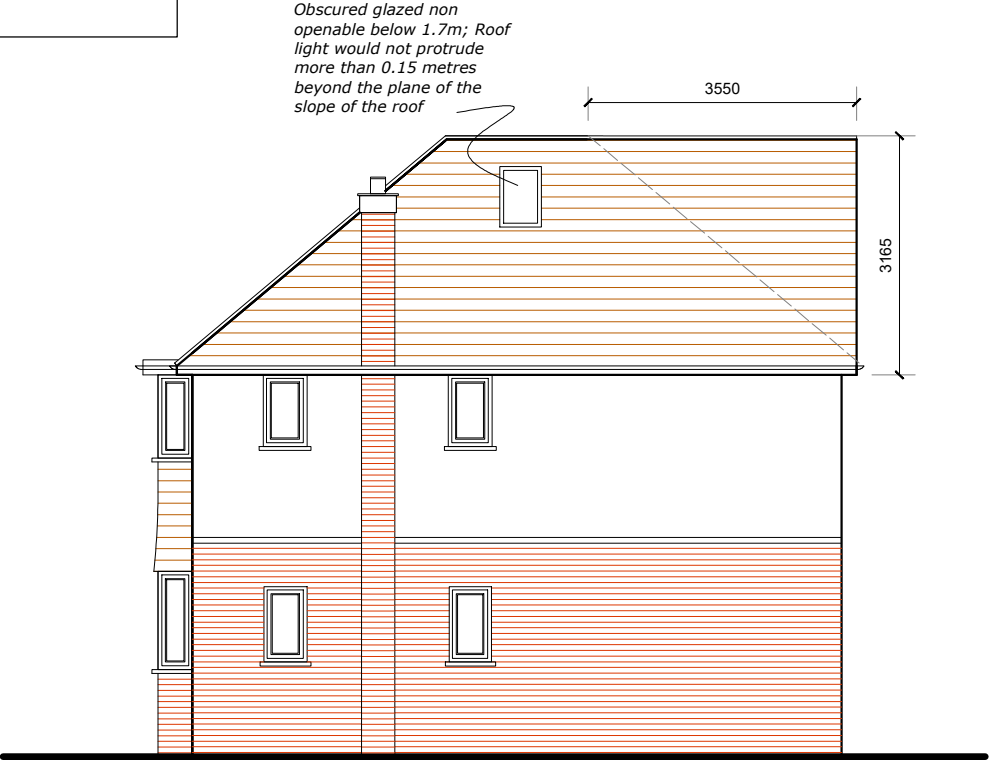
North Elevation



East Elevation



South Elevation



West Elevation

ALL MATERIALS TO MATCH EXISTING

VOLUME CALCULATION	
PREVIOUS ROOF EXTENSION	
Vol 1 =	$\left(\frac{5.5 \times 2.75 \times 2.49}{3}\right) = 12.6\text{m}^3$
Vol 2 =	$5.5 \times 2.49 \times 0.5 \times 0.27 = 1.8\text{m}^3$
Vol 3 =	$\left(\frac{5.5 \times 2.49 \times 0.5 \times 2.55}{3}\right) = 5.8\text{m}^3$
Vol A =	$12.6 + 1.8 + 5.8 = 20.2\text{m}^3$
PROPOSED GABLE EXTENSION	
Vol 4 =	$\left(\frac{7.1 \times 3.17 \times 0.5 \times 3.55}{3}\right) = 13.3\text{m}^3$
PROPOSED DORMER	
Vol 5 =	$3.06 \times 2.57 \times 0.5 \times 4.47 = 17.6\text{m}^3$
Vol 6 =	$\left(\frac{1.97 \times 1.65 \times 0.5 \times 1.97}{3}\right) = 1.1\text{m}^3$
TOTAL EXTENSION	
Total Vol =	Vol A + Vol 4 + Vol 5 - Vol 6
	$= 20.2 + 13.3 + 17.6 - 1.1$
	$= 50\text{m}^3$
TOTAL VOLUME PROPOSED = 50m³	
EQUAL TO THE 50m³ ALLOWED UNDER PERMITTED DEVELOPMENT FOR LOFT EXTENSIONS	

68 Park Avenue, Ruislip, HA4 7UJ

Scale Bar

1:100 @ A2

0 1 2 3 4 5 6 7 8 9 10

Metres



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Date 24/01/24
Drawn by KH

REVISION	
(C)	drawer