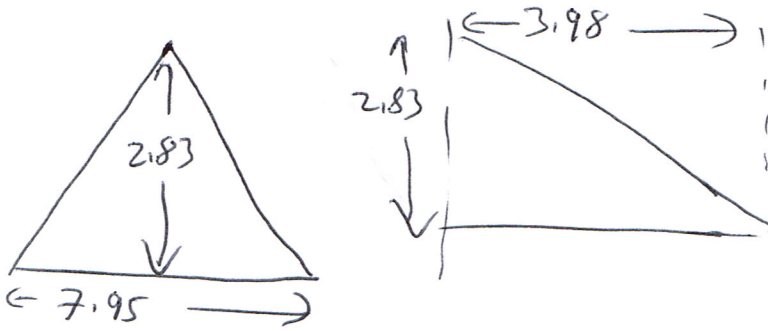


17 Sussex Rd Ickenham - P.D loft Cals



Vol of Original hip

$$V = \frac{\text{Base area}}{3} \times h =$$
$$= \frac{7.95 \times 3.98}{3} \times 2.83 = \underline{29.85 \text{ m}^3}$$

Total Vol of Prism

$$(\frac{1}{2}bh) \times d$$

$$= (\frac{1}{2} \times 7.95 \times 2.83) \times 3.98 = \underline{44.77 \text{ m}^3}$$

$\therefore$ New Gable Inc

$$= 44.77$$

$$- 29.85 = \underline{\underline{14.92 \text{ m}^3}}$$

Dormer

$$\frac{3.76}{2} \times 2.5 \times 5.05 = \underline{23.74 \text{ m}^3}$$

$$= \underline{\underline{23.74 \text{ m}^3}}$$

$$\text{Total Volume Increase} = \underline{\underline{38.66 \text{ m}^3}}$$
$$(14.92 + 23.74)$$