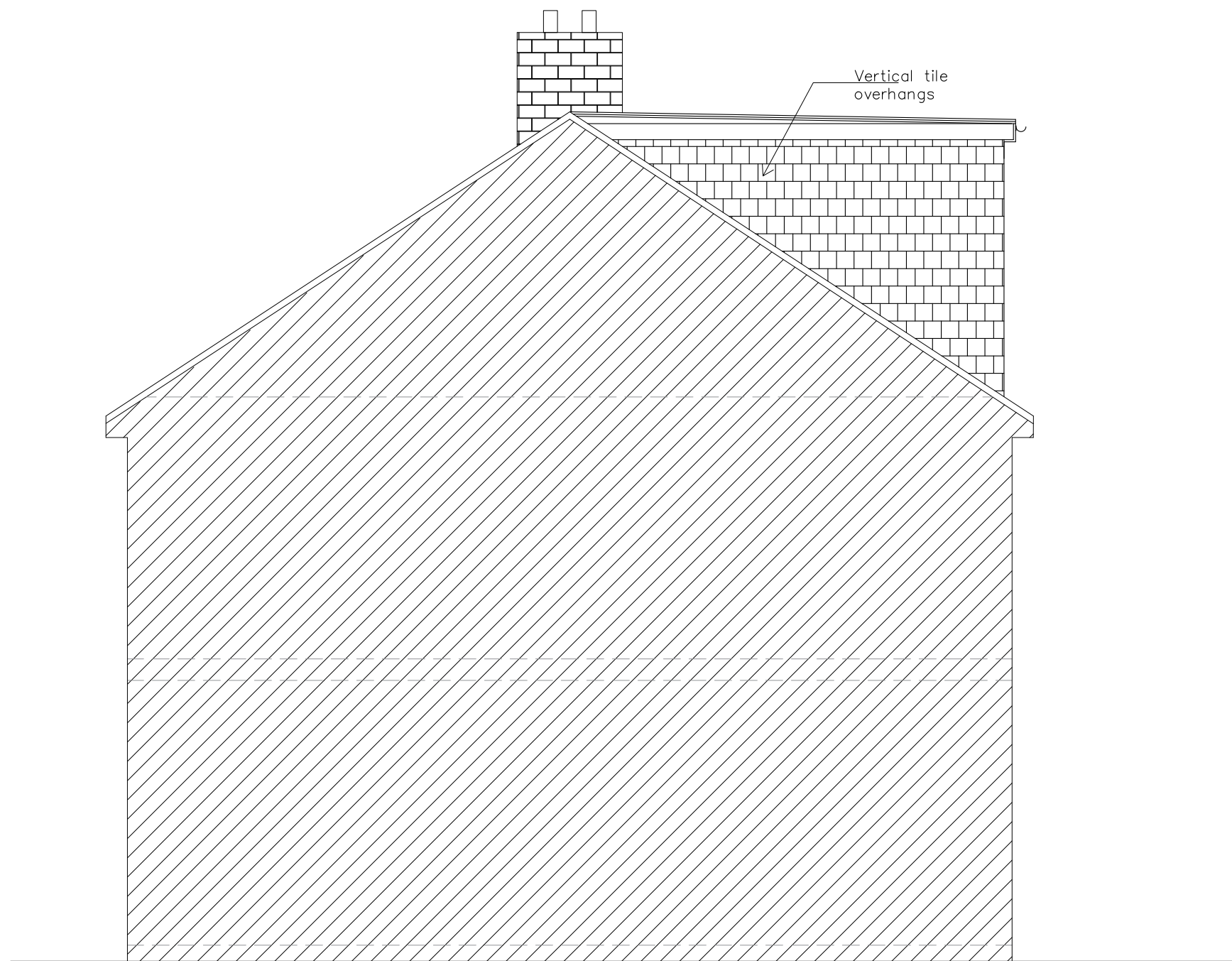
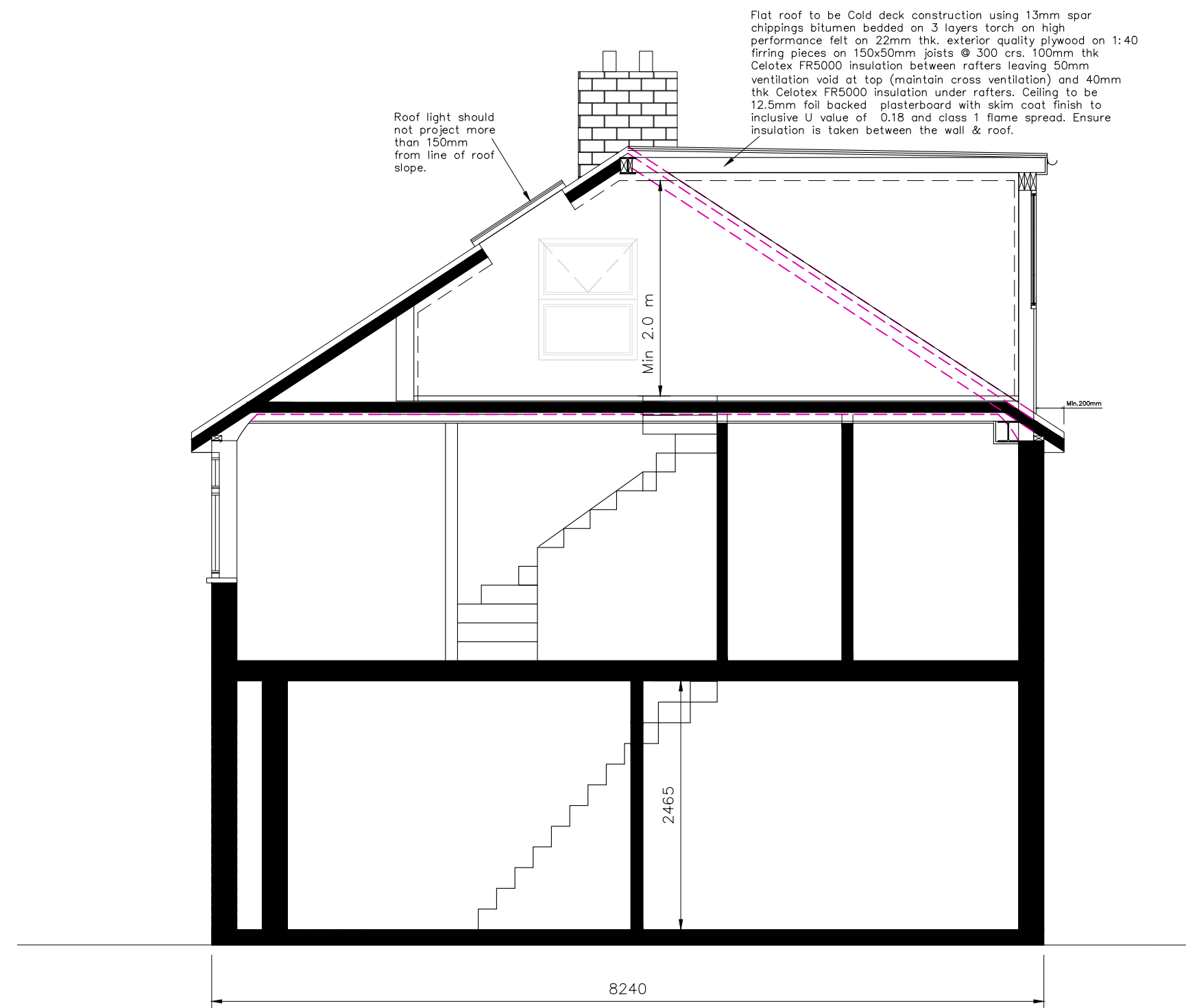
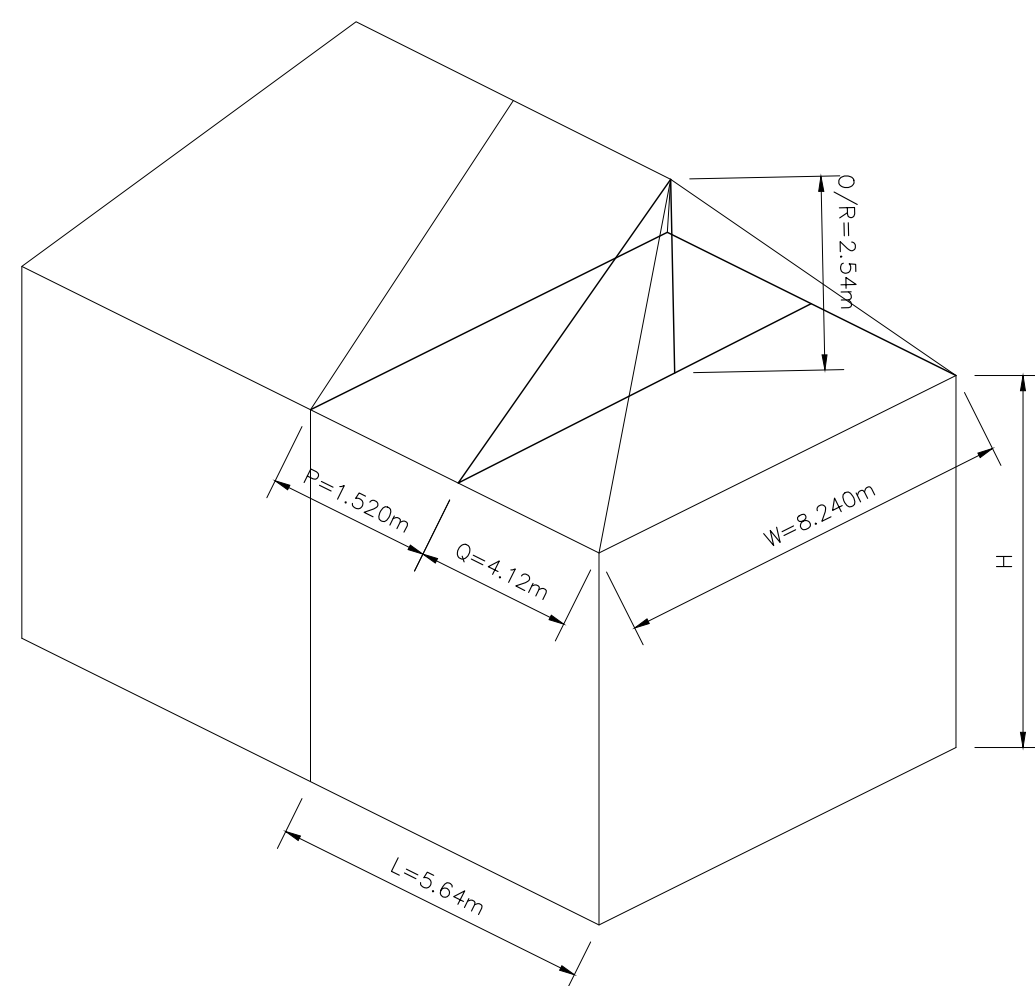




PROPOSED SIDE ELEVATION -D
SCALE 1:50



PROPOSED SECTION A-A
SCALE 1:50

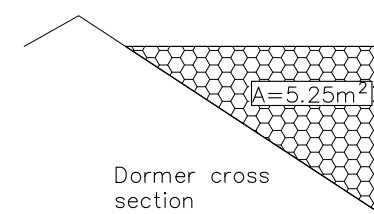


VOLUME CALCULATION

$$\begin{aligned} \text{(Hip to gable volume) } V1 &= \frac{Q \times W \times Q}{6} \\ &= \frac{4.12 \times 8.24 \times 2.54}{6} \\ &= 14.37\text{m}^3 \end{aligned}$$

$$\begin{aligned} \text{Dormer volume } V2 &= \text{Area} \times \text{length} \\ &= 5.25 \times 5.64 \\ &= 29.61\text{m}^3 \end{aligned}$$

$$\begin{aligned} \text{Total new volume } V &= V1 + V2 \\ &= 14.37 + 29.61 = 43.98\text{m}^3 < 50.0\text{m}^3 \text{ OK.} \end{aligned}$$



Dormer cross section

Demolition line



Do not scale off the drawings (scale only for planning purposes).

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	Project Title 68 GLEDWOOD AVENUEHAYES UB4 0AW	Checked SP
	Drawing Title PROPOSED ELEVATION AND SECTION	Scale 1: 50
	Project No. 2513	Size A2 Drawing No. PL-03