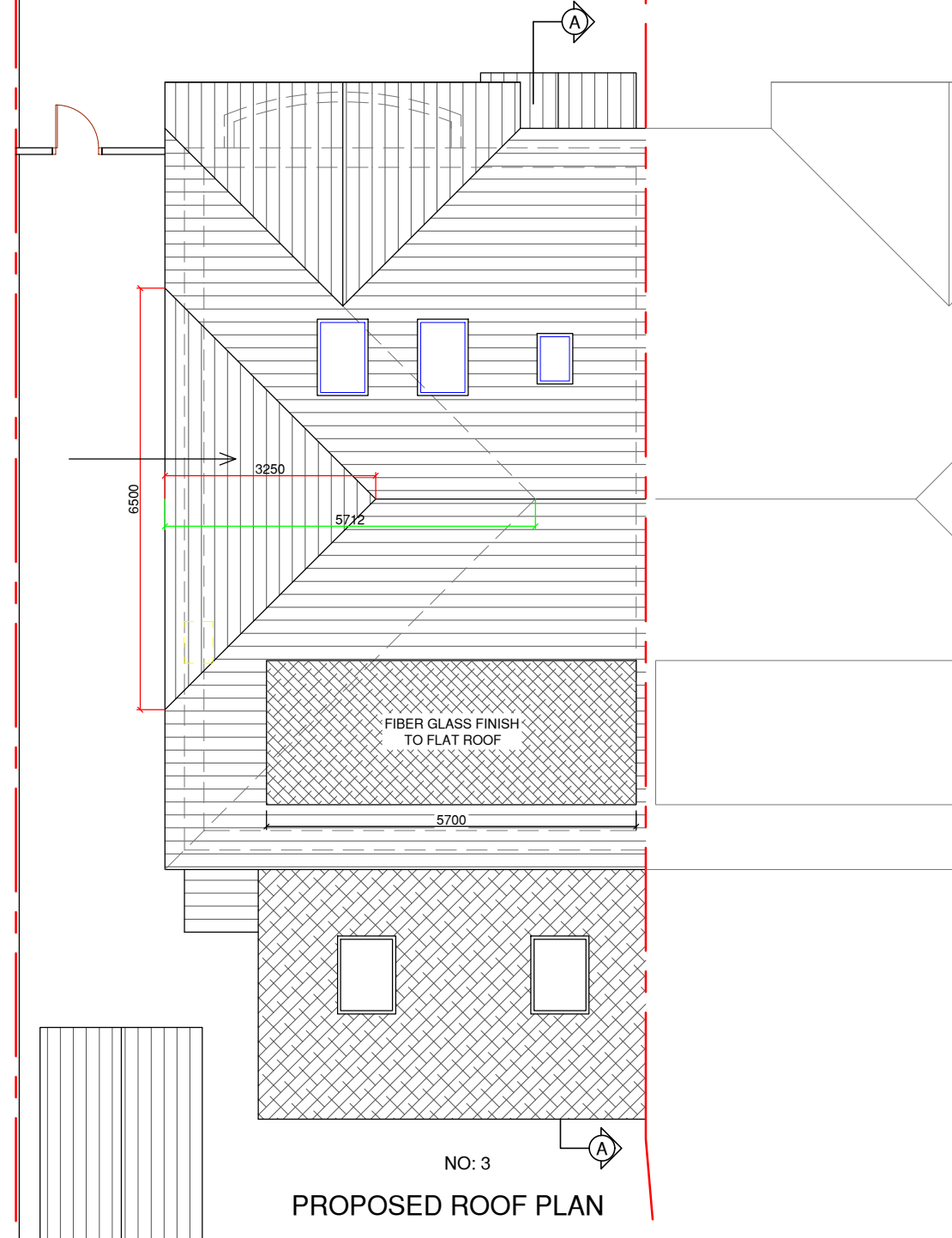
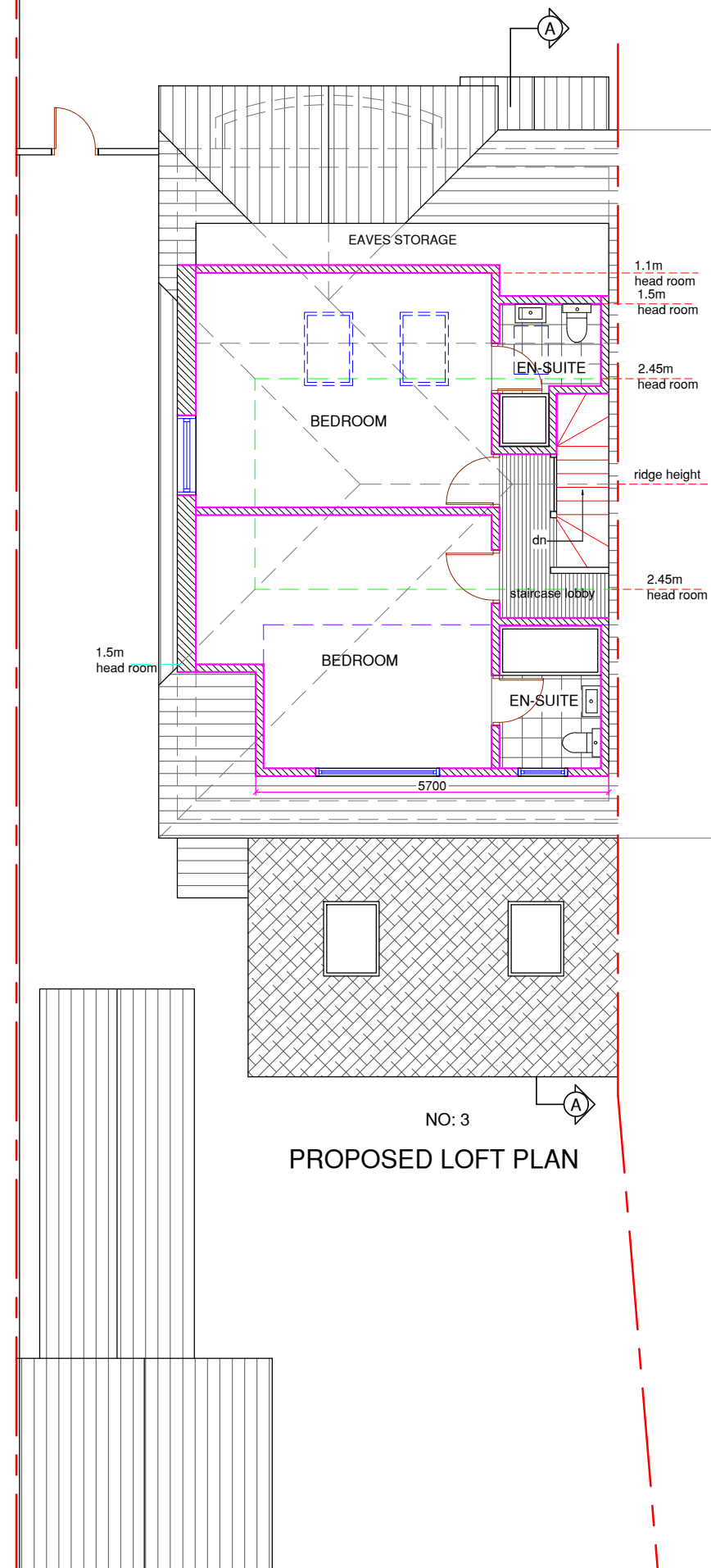




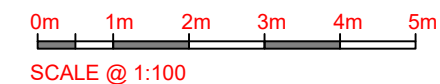
VOLUME OF PYRAMID: $\frac{1}{3} \times \text{base area} \times \text{height}$ (H)
 base area: $\frac{1}{2}(10.825 \times 4.55) = 24.63\text{m}^2$
 H = 5.712m
 volume: $\frac{1}{3}(24.63 \times 5.712) = \mathbf{46.896\text{m}^3}$

VOLUME OF PYRAMID: $\frac{1}{3} \times \text{base area} \times \text{height (h)}$
 base area: $\frac{1}{2}(6.5 \times 2.582) = 8.392\text{m}^2$
 $h = 3.266\text{m}$
 volume: $\frac{1}{3}(8.392 \times 3.266) = 9.14\text{m}^3$

$$46.896 - 9.14\text{m}^3 = 37.756\text{m}^3$$

DORMER VOLUME CALCULATION= $\frac{1}{2}(BH)L$
 $B = 2.276\text{m}$
 $H = 1.8\text{m}$
 $L = 5.7\text{m}$
 $\text{volume} = \frac{1}{2}(2.292 \times 1.812)5.7 = \mathbf{11.676\text{m}^3}$

TOTAL PROPOSED VOLUME:
37.75 + 11.676 = 49.426m3



NOTES :

SIMILAR APPROVED
REF: 4165/APP/2023/1248
(1 FAIRDALE GARDENS)

	Date	Revisions
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Client: MRS. LILAVANTI GOHEL
MR. & MRS SANJAY GOHIL

Job Title

3 FAIRDALE GARDENS
HAYES, MIDDLESEX
UB3 3JA

Drawing Title

PROPOSED LOFT AND ROOF PLANS

Scale: 1 : 100 (A3)

Date: MAY 2024

Checked by:

Drg No.
TP/503/L05

Rev.