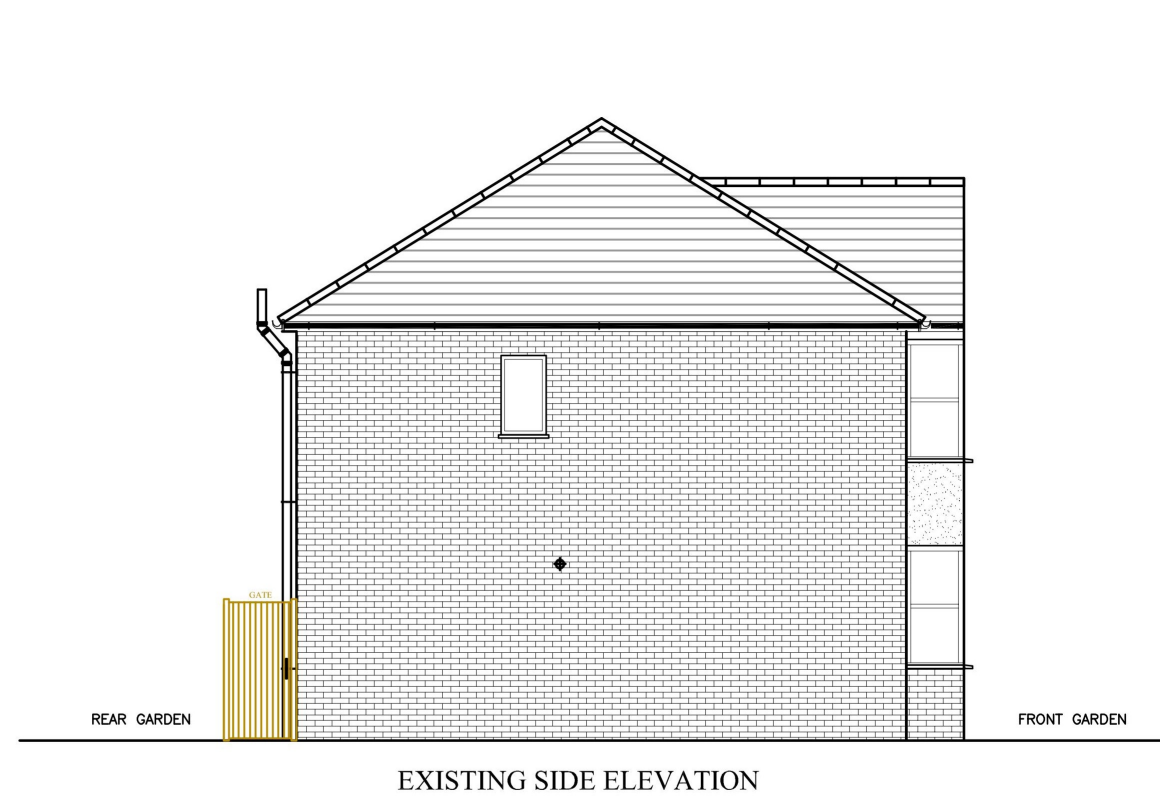
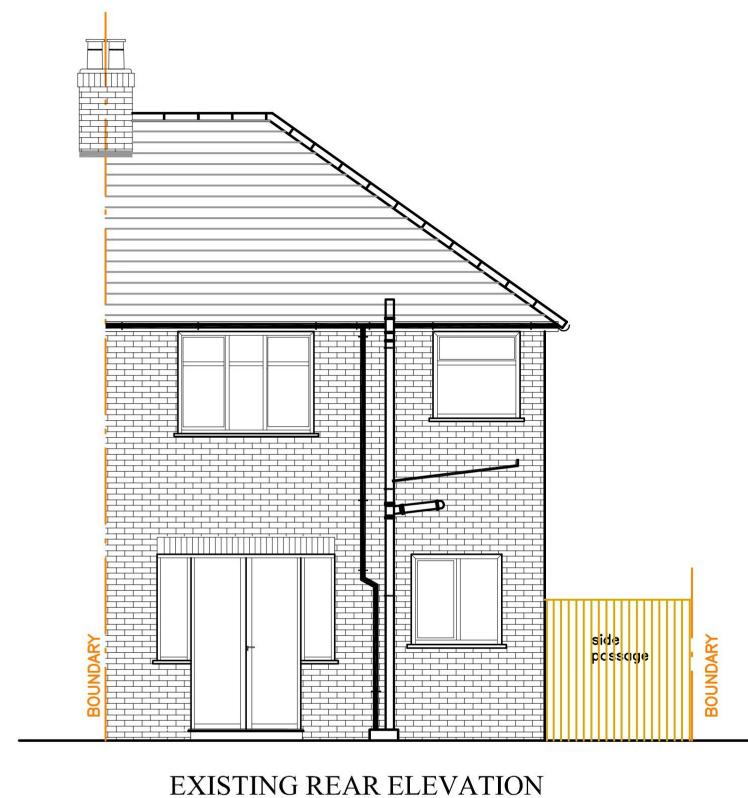
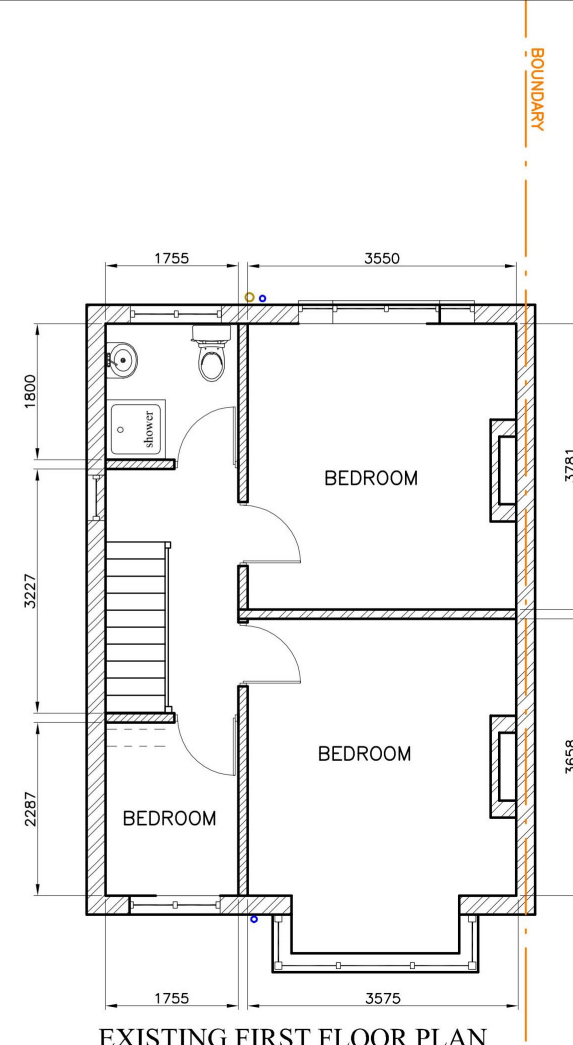
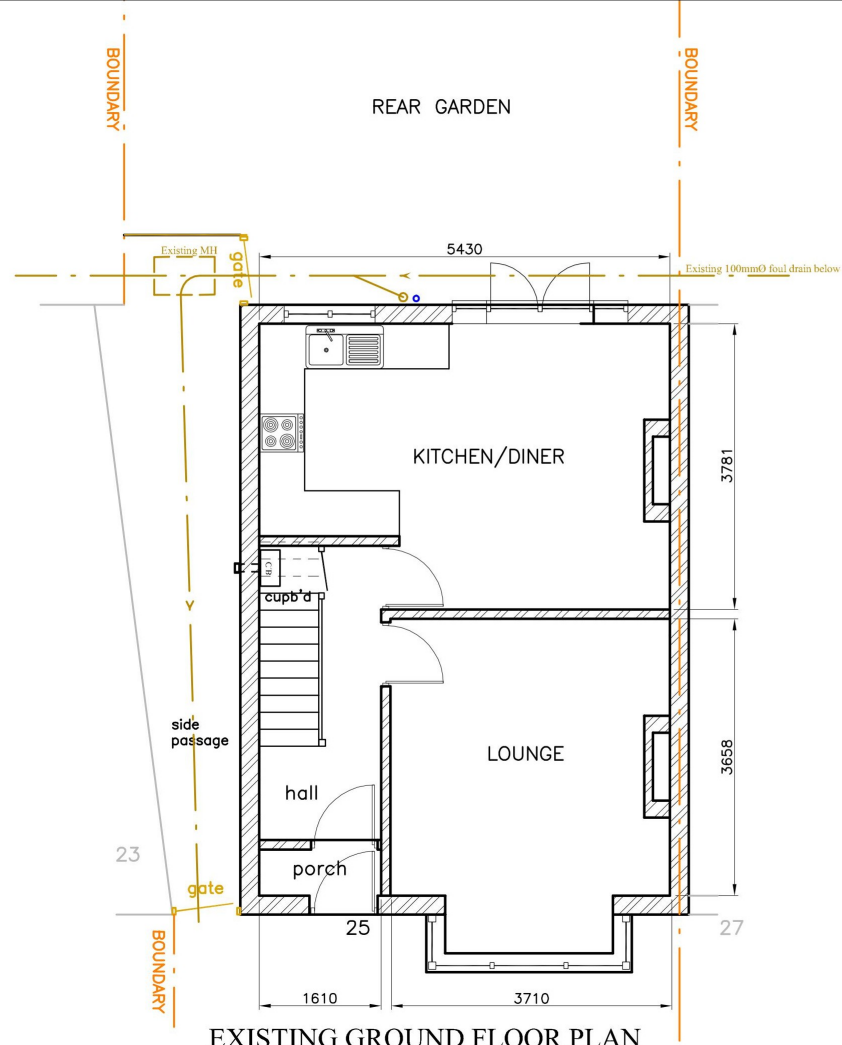
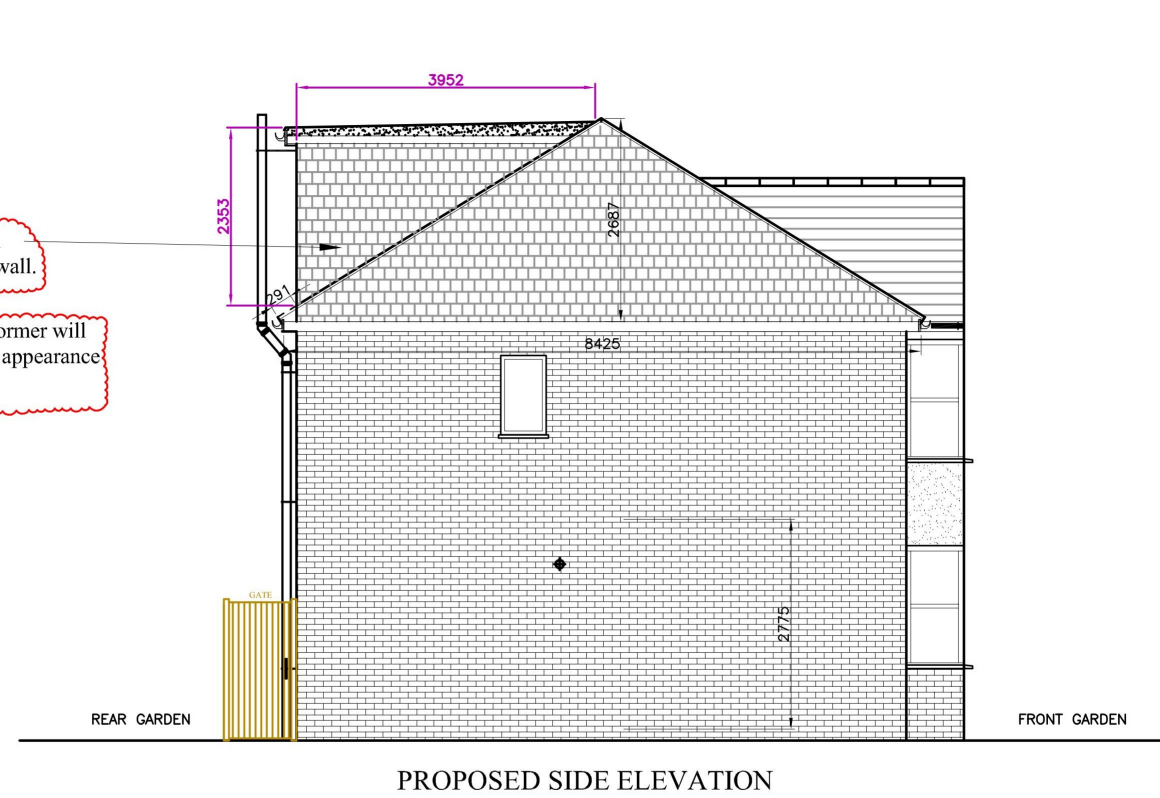
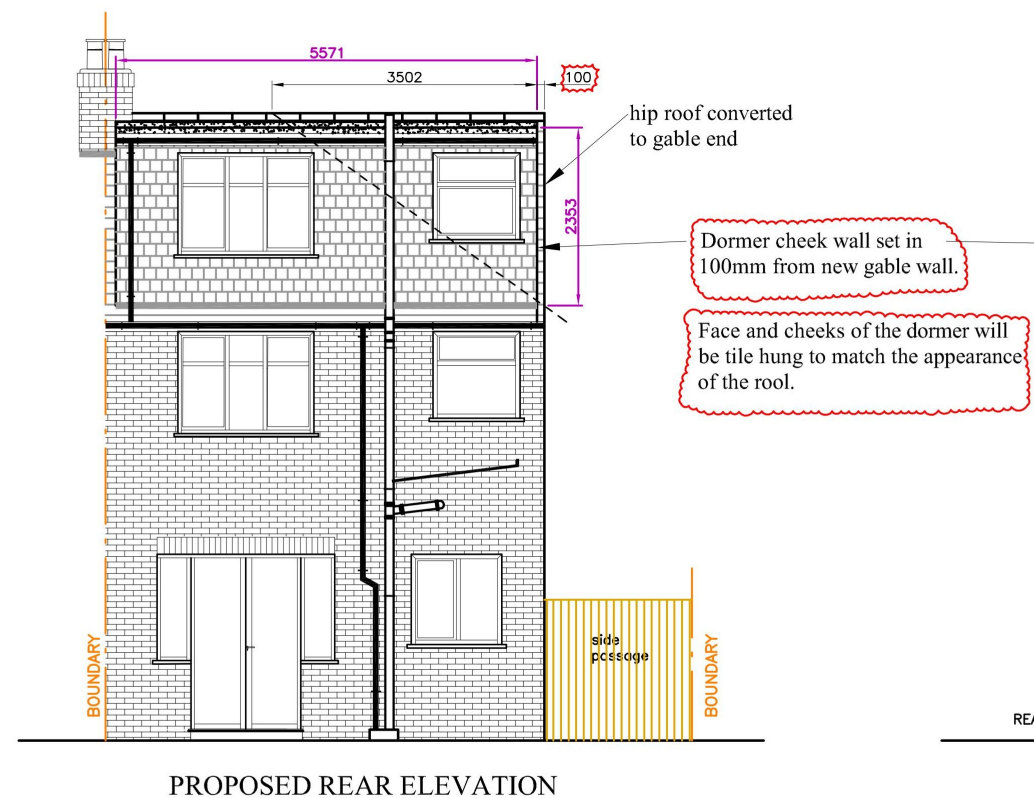
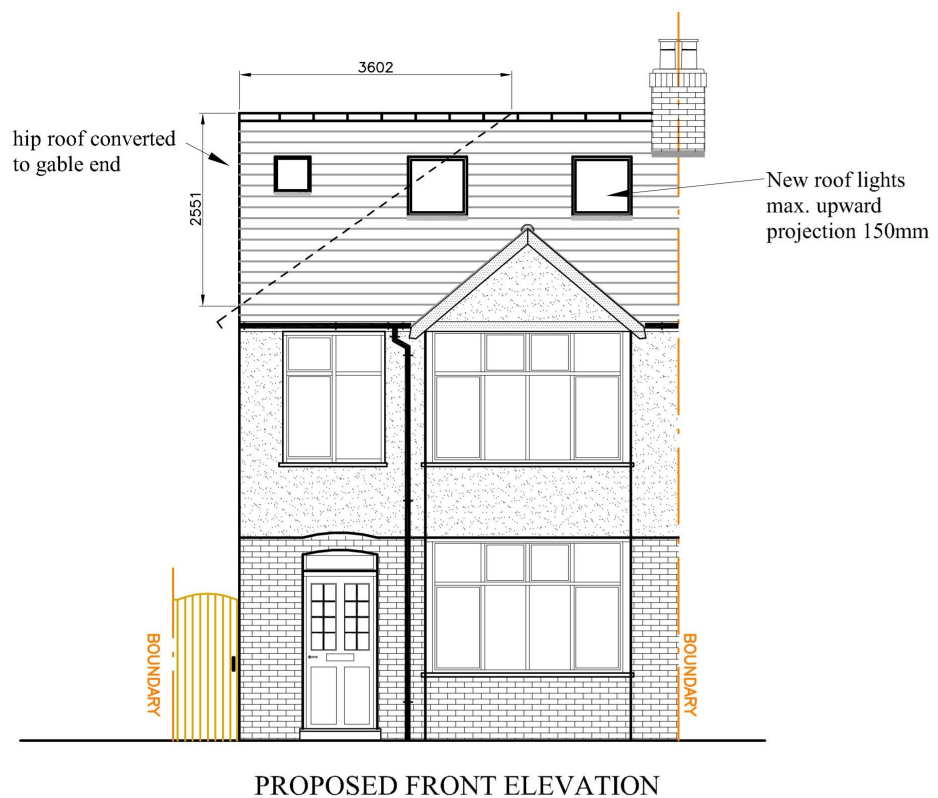
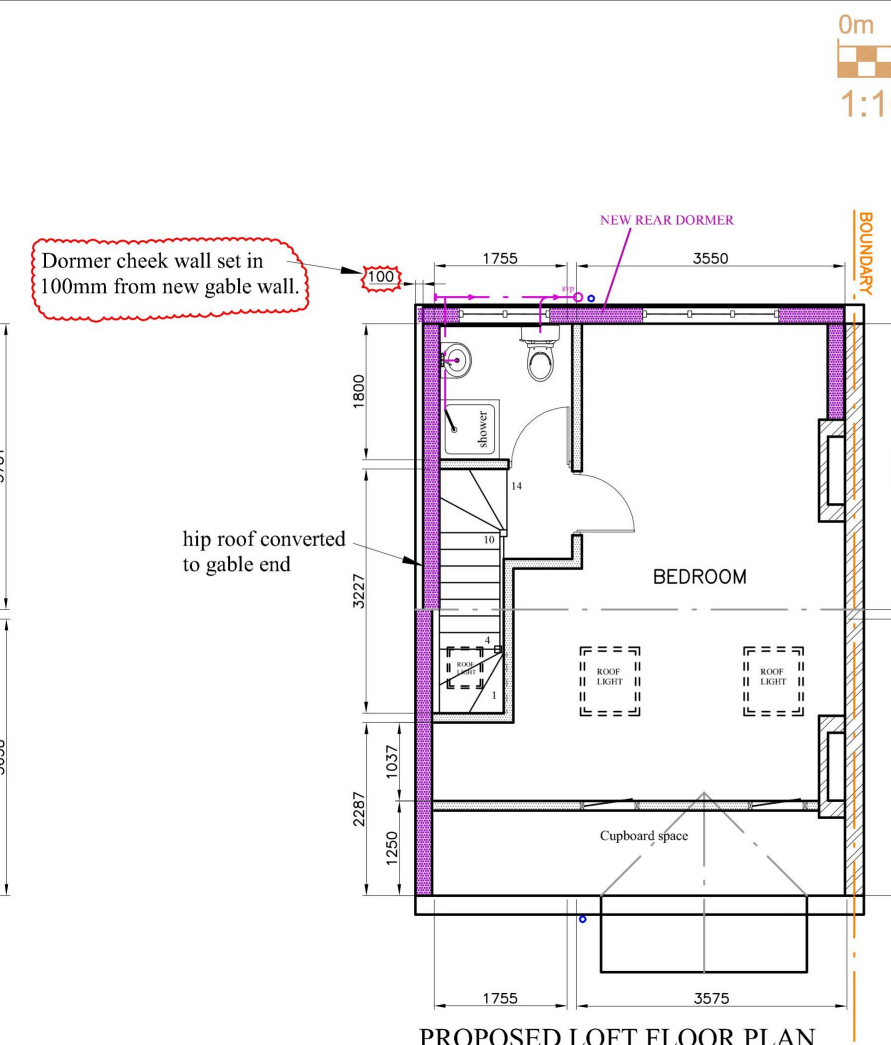
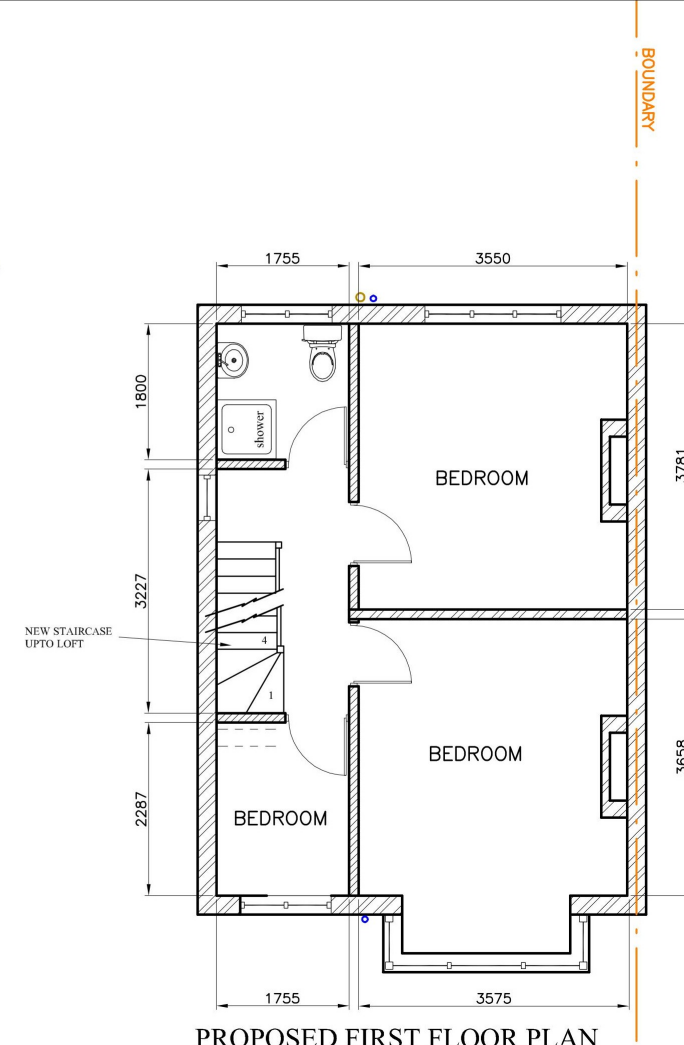
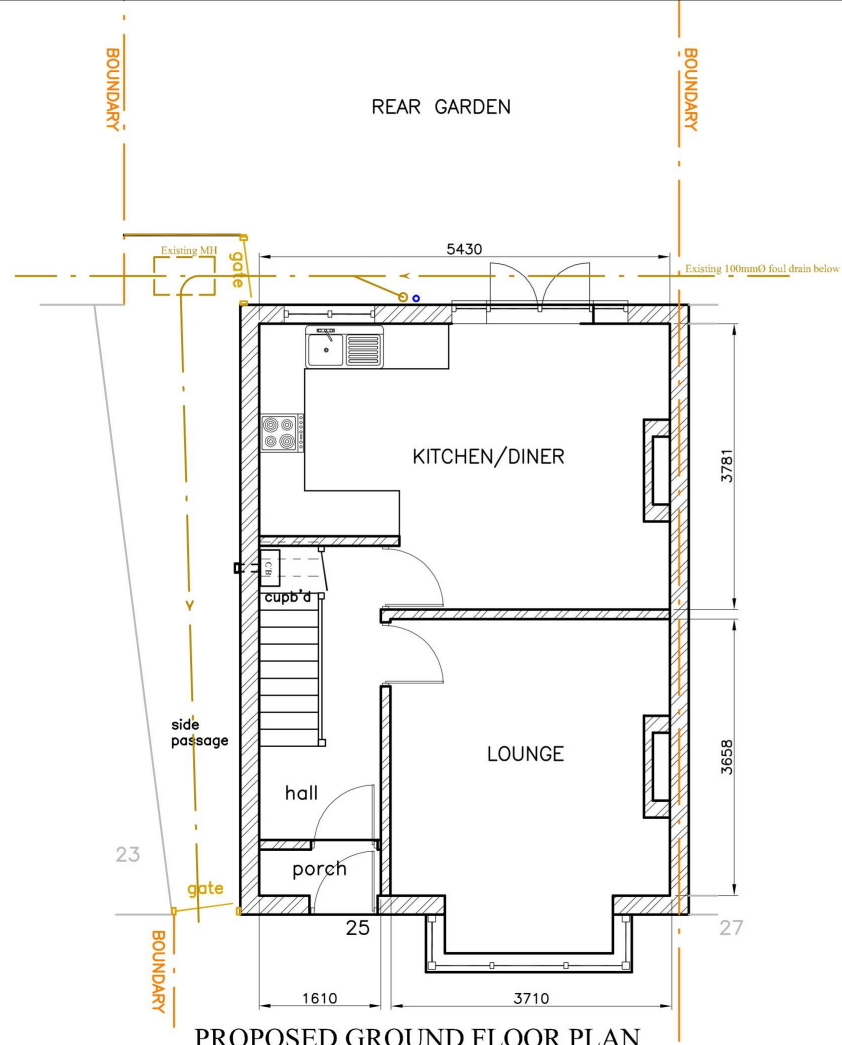
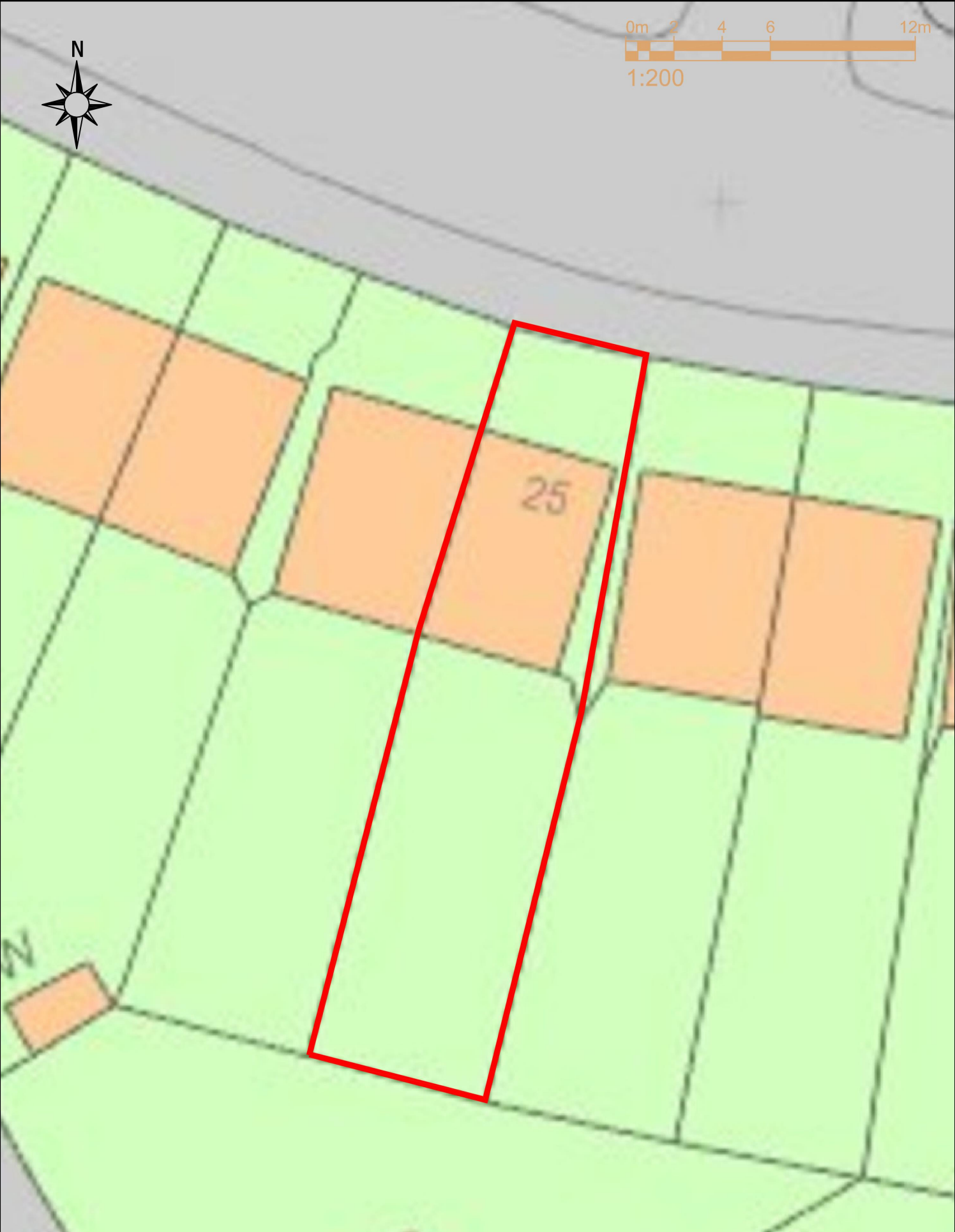




Location	Project	Drawing Title	PLANNING	Scale : 1:100@A3	Date : NOV 2024
25 COLLIER ROW LANE ROMFORD RM5 3BL	LOFT CONVERSION WITH HIP TO GABLE CONVERSION AND REAR DORMER	EXISTING FLOOR PLANS AND ELEVATIONS		Drawing number SE/25CRL/01	Rev —



Location	Project	Drawing Title	PLANNING	Scale : 1:100@A3	Date : JAN 2025
25 COLLIER ROW LANE ROMFORD RM5 3BL	LOFT CONVERSION WITH HIP TO GABLE CONVERSION AND REAR DORMER	PROPOSED FLOOR PLANS AND ELEVATIONS		Drawing number SE/25CRL/02	Rev B



Location	Drawing Title	Drawing number	Rev
25 COLLIER ROW LANE ROMFORD RM5 3BL	SITE BLOCK PLAN	SE/25CRL/03	-
		Scale : 1 : 200@A4	mar 2023

25 COLLIER ROW LANE, ROMFORD RM5 3BL

1 CALCULATION OF EXTERNAL VOLUME OF THE PROPOSED HIP TO GABLE CONVERSION OF THE ROOF

base length of gable = 8.425 m

height of gable = 2.687 m

top width from hip to gable = 3.602 m

$$\text{EXTERNAL VOLUME OF GABLE} = \frac{8.43 \times 2.687 \times 3.602}{6} = 13.59 \text{ m}^3$$

2 CALCULATION OF EXTERNAL VOLUME OF THE PROPOSED REAR DORMER IN THE LOFT CONVERSION

height of dormer = 2.391 m

width of dormer = 5.671 m

depth of dormer = 3.952 m

$$\text{side area} = 0.5 \times 3.952 \times 2.391 = 4.72 \text{ m}^2$$

$$\text{EXTERNAL VOLUME OF DORMER} = 4.72 \times 5.671 = 26.79 \text{ m}^3$$

TOTAL EXTERNAL VOLUME OF LOFT DEVELOPMENT

1 HIP TO GABLE CONVERSION	13.59
2 REAR DORMER	26.79
	40.38 m³

This is less than the volume allowance of 50m³ for detached and semi-detached houses.