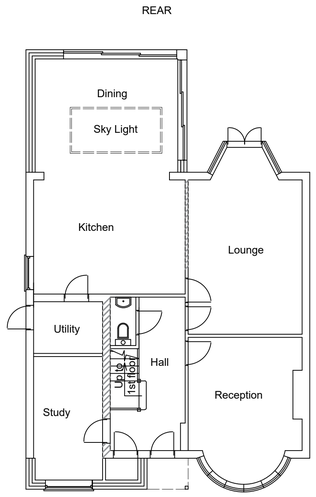
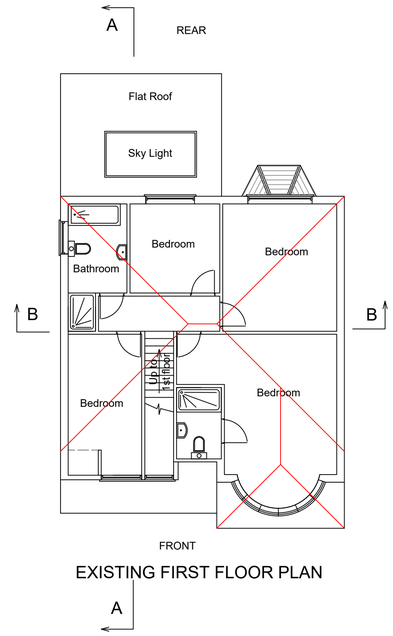
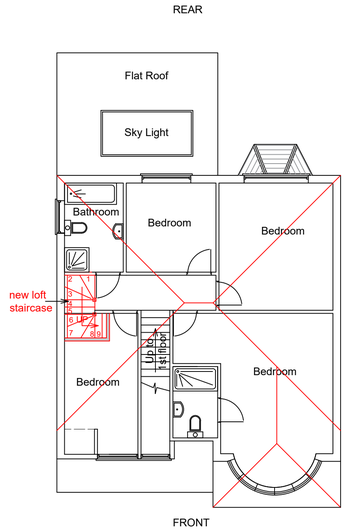


EXISTING GROUND FLOOR PLAN

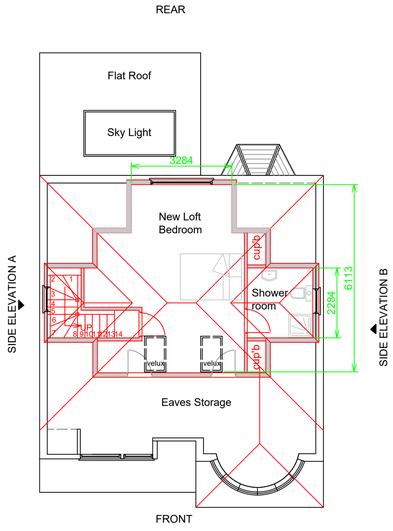
NO CHANGE



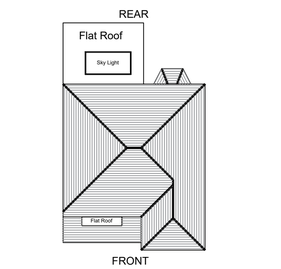
EXISTING FIRST FLOOR PLAN



PROPOSED FIRST FLOOR PLAN
SHOWING STAIRCASE TO LOFT

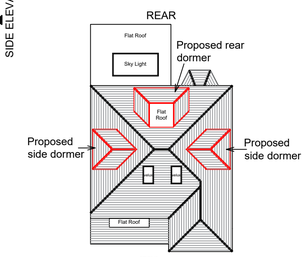


PROPOSED LOFT FLOOR PLAN



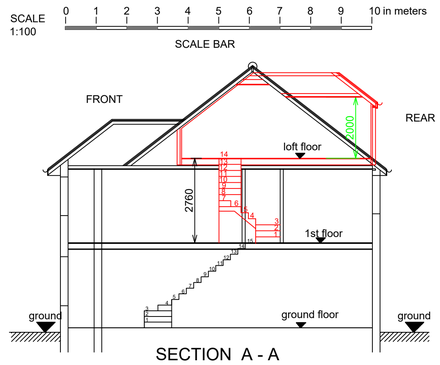
EXISTING ROOF PLAN

SCALE: 1:200

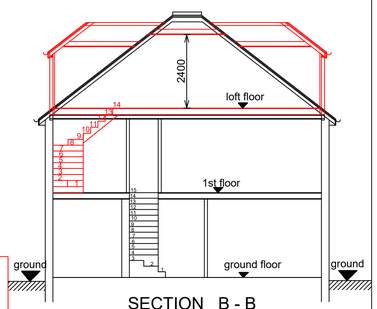


PROPOSED ROOF PLAN

SCALE: 1:200



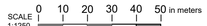
SECTION A - A



SECTION B - B

LOCATION PLAN

SCALE: 1:1250



ROOF VOLUME CALCULATION:

1.EACH SIDE DORMER:

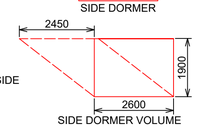
Dormer Volume = $\frac{1}{2}$ x b x h x l
= $\frac{1}{2}$ x 2.6 x 1.9 x 2.45
= 6.95m^3

2. DORMER PITCH ROOF:

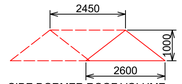
Volume of Roof = $\frac{1}{2}$ x b x h x l
= $\frac{1}{2}$ x 2.6 x 1.0 x 2.45
= 3.2m^3

3. TOTAL ADDITIONAL ROOF VOLUME EACH SIDE DORMER:

= 6.95 + 3.2
= 10.2^3



SIDE DORMER ROOF VOLUME



SIDE DORMER ROOF VOLUME

4.REAR DORMER:

Dormer Volume = $\frac{1}{2}$ x b x h x l
= $\frac{1}{2}$ x 3.6 x 1.9 x 2.45
= 8.4m^3

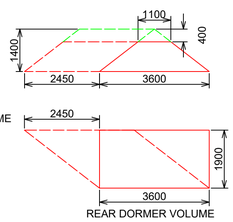
5. DORMER PITCH ROOF:

5a. Triangle Volume of Roof = $\frac{1}{2}$ x b x h x l
= $\frac{1}{2}$ x 3.6 x 1.4 x 2.45
= 6.2m^3

5b. Less top triangle Volume of Roof = $\frac{1}{2}$ x b x h x l
= $\frac{1}{2}$ x 1.1 x 0.4 x 2.45
= 0.54m^3

5c. Total volume of pitch roof to dormer = 5a - 5b
= 6.2-0.54
= 5.7m^3

6. TOTAL ADDITIONAL ROOF VOLUME REAR DORMER:
= 8.4 + 5.7= 14.1^3

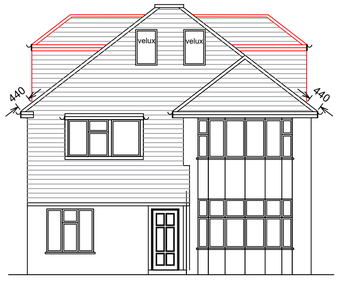


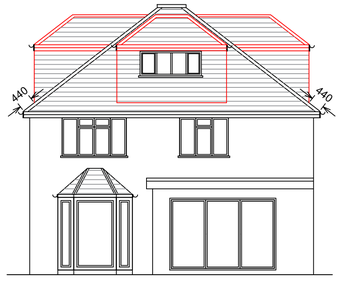
REAR DORMER VOLUME

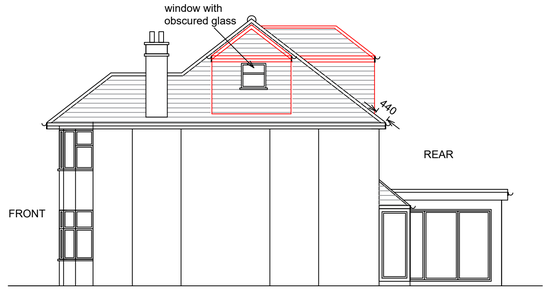
TOTAL ADDITIONAL ROOF VOLUME:

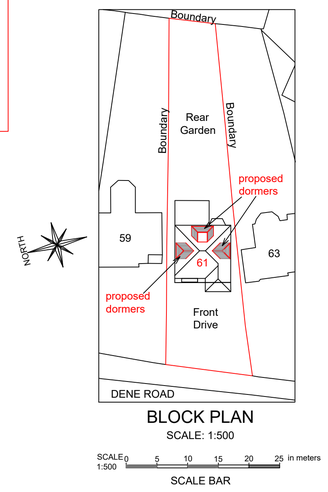
2 NO SIDE DORMERS + 1 NO REAR DORMER:

= 10.2+10.2+ 14.1
= 34.5m^3 < 50m^3.









BLOCK PLAN

SCALE: 1:500

PROJECT:

PROPOSED LOFT CONVERSION WITH REAR AND SIDE DORMERS.

TITLE:

EXISTING & PROPOSED PLANS, ELEVATIONS, ROOF PLANS, LOCATION PLAN & BLOCK PLAN.

ADDRESS:

61 DENE ROAD,
NORTHWOOD.
HA6 2DD

MISTRY DESIGN

DRAWN: P. S. MISTRY
TEL: 07984 066 662
DATE: AUGUST 2025

SCALE: 1:100

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DRAWING NO: 2513/01