

Proposed Site Plan



Proposed Location Plan



Project

119 Woodlands Avenue  
Eastcote HA4 9RE

Drawing Title

LOFT CONVERSION  
PROPOSED SITE PLAN AND BLOCK PLAN

Sheet 1

	Name	Date	Scale
Drawn		12-07-2023	1:500 / 1:1250 @ A1
Design			N/A
Checked			Drawing Status -
Approved			For Planning Approval
Drawing No.			Revision -

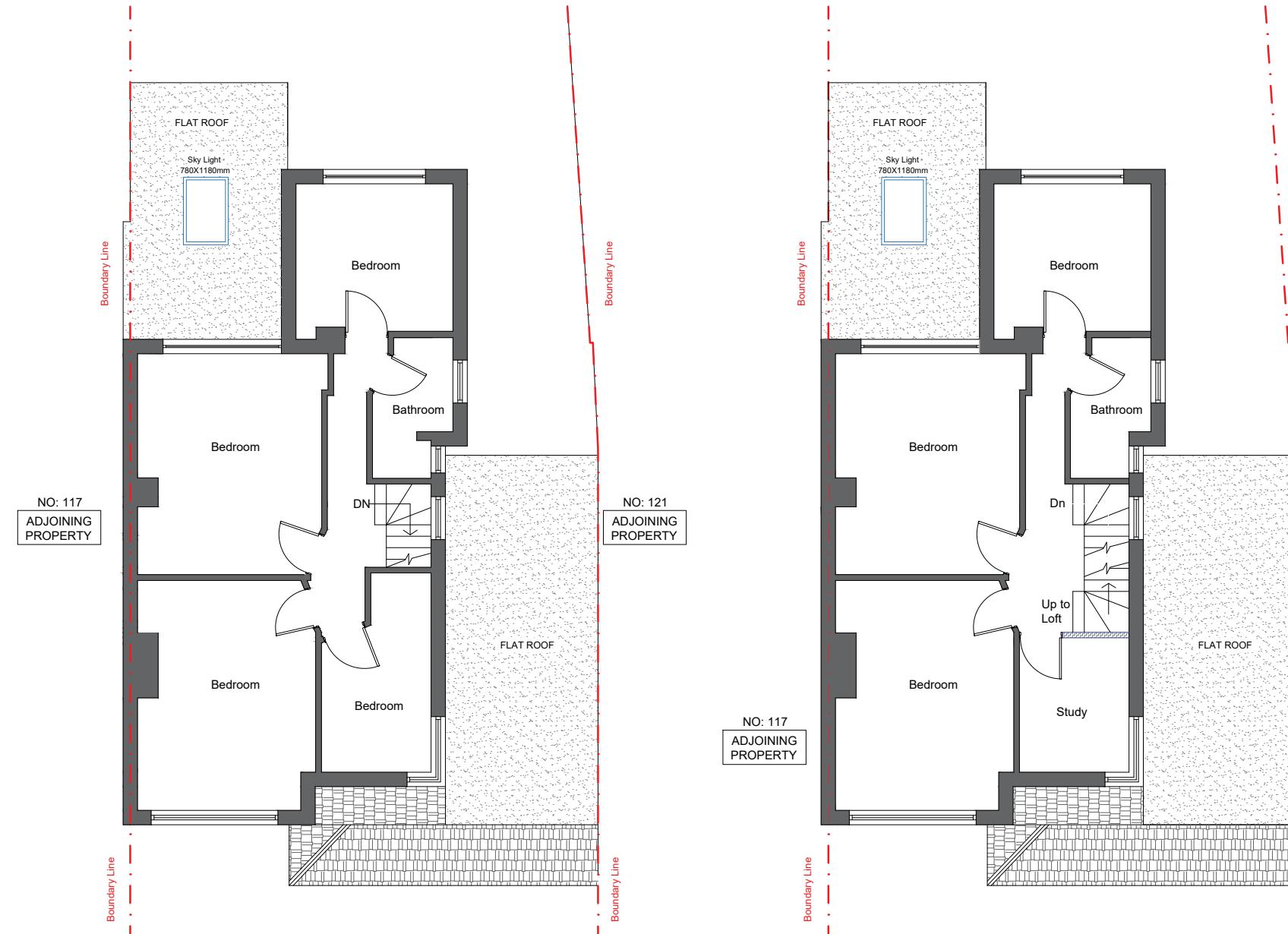
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6. ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

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MJ - MOVEMENT JOINT, HL - AT HIGH LEVEL  
AAV - AIR ADMITTANCE VALVE, SVP - SOIL AND VENT PIPE  
DP - DRAINAGE POINT, RWP - RAIN WATER PIPE  
W1 - WINDOW REFERENCE
5. LEGEND  
NEW FACING BRICKWORK TO MATCH WITH THE EXISTING.  
7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M<sup>3</sup>) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS  
11. MECHANICAL VENTILATION  
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50MM SOUND QUILT INSULATION TO BE FILLED AS INDICATED ON FLOOR PLANS
7. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.  
SB - STEEL BEAM  
CSB - CRANKED STEEL BEAM  
TR - TIMBER TRIMMER
8. DENOTES SPAN OF FLOOR OVER (TYPE STATED)

	Name	Date	Scale
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0 1 2 3 4 5m  
1:100  
SCALE

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INDICATES EXTRACT LOCATION

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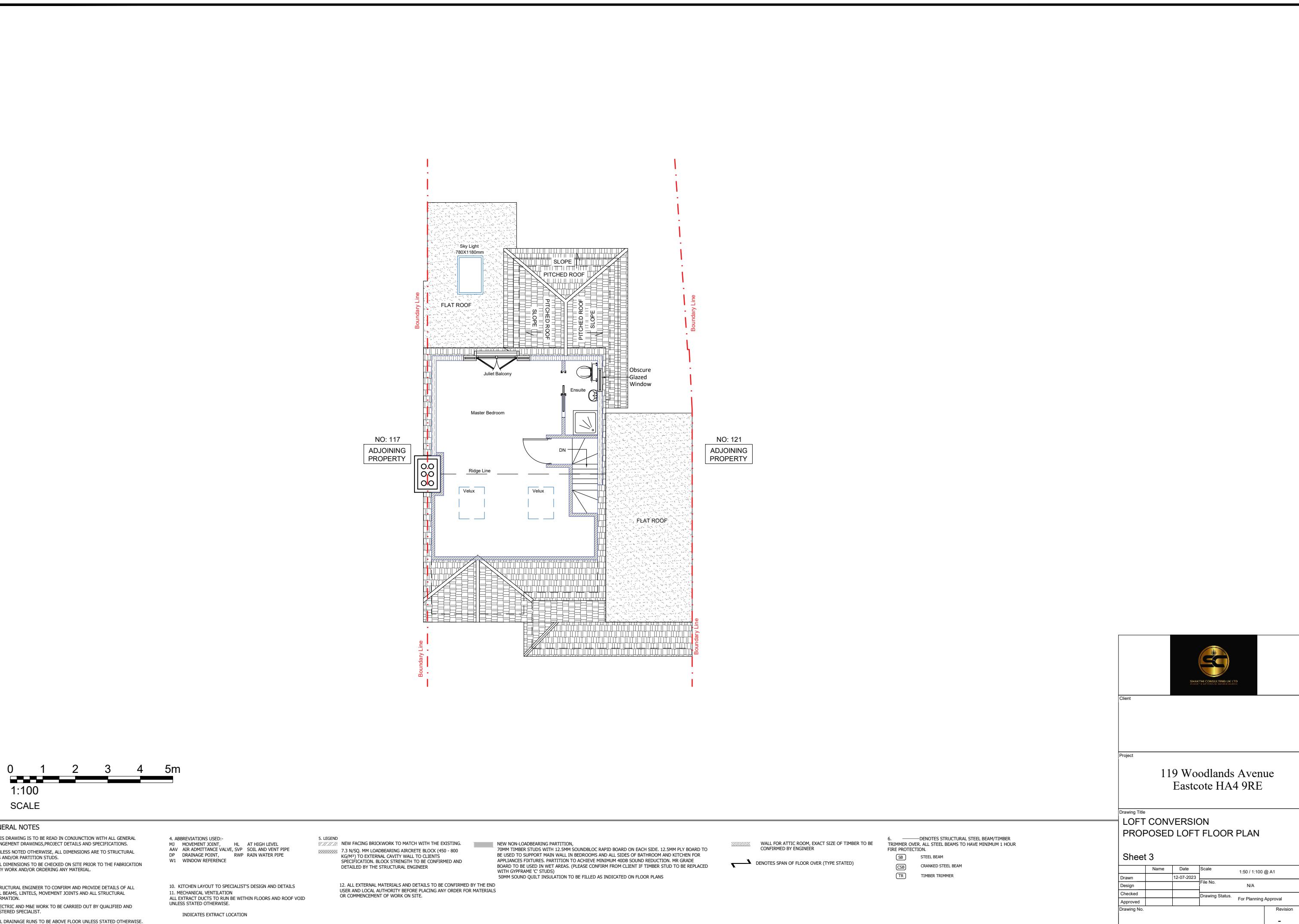
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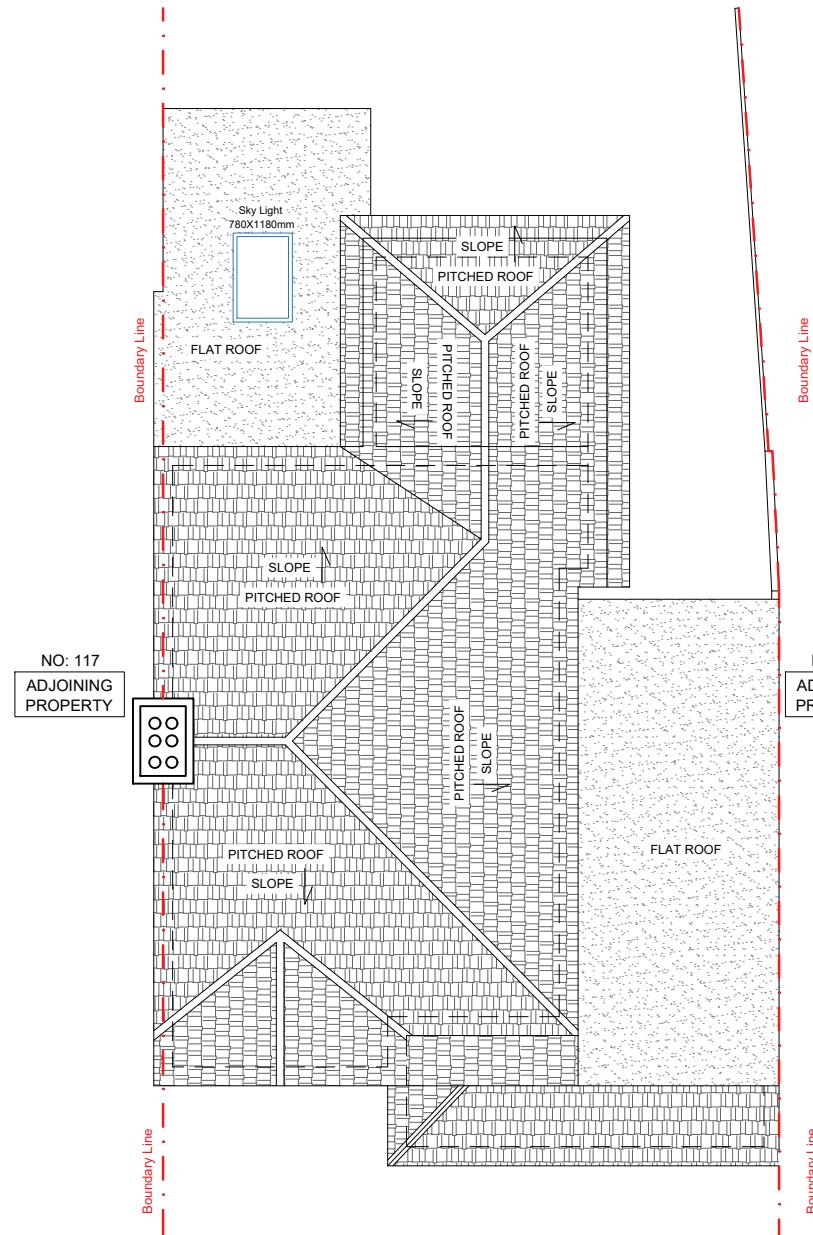


Project

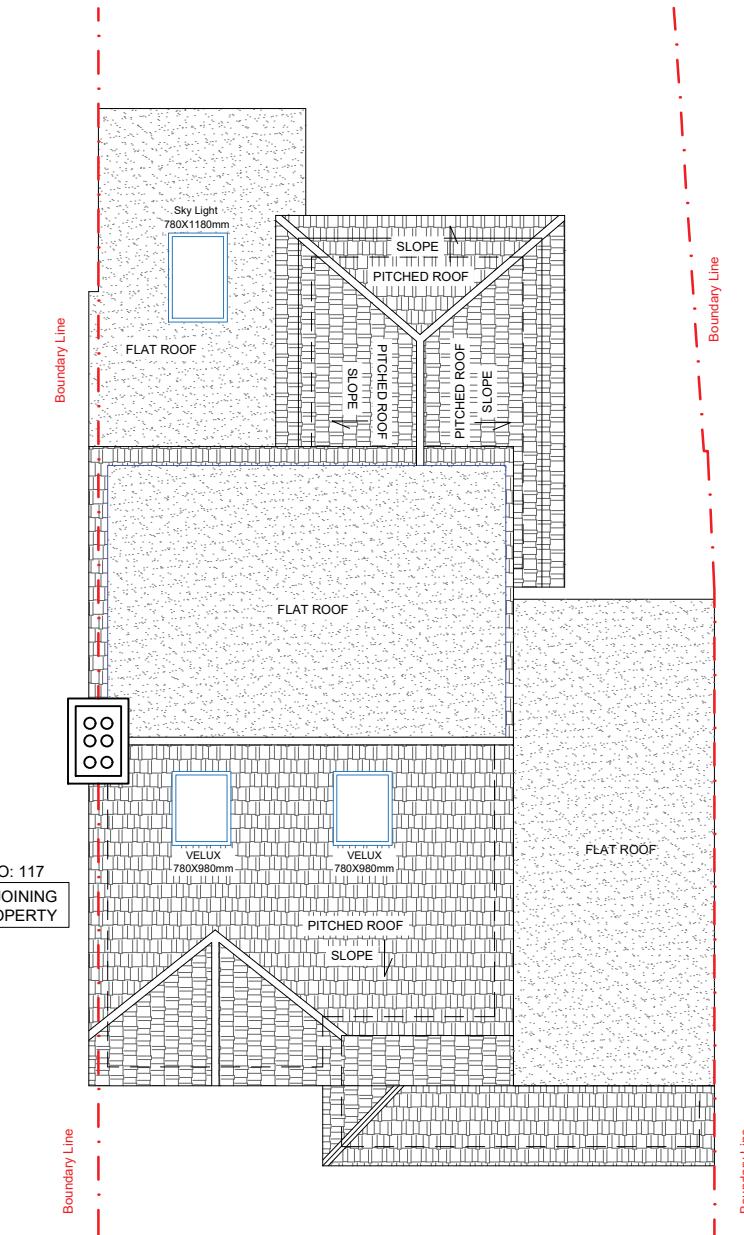
119 Woodlands Avenue  
Eastcote HA4 9RE

LOFT CONVERSION EXISTING AND PROPOSED FIRST FLOOR PLAN Sheet 2			
	Name	Date	Scale
Drawn		12-07-2023	1:50 / 1:100 @ A1
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			-





Existing Topview



Proposed Topview

0 1 2 3 4 5m  
1:100  
SCALE

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Client

Project

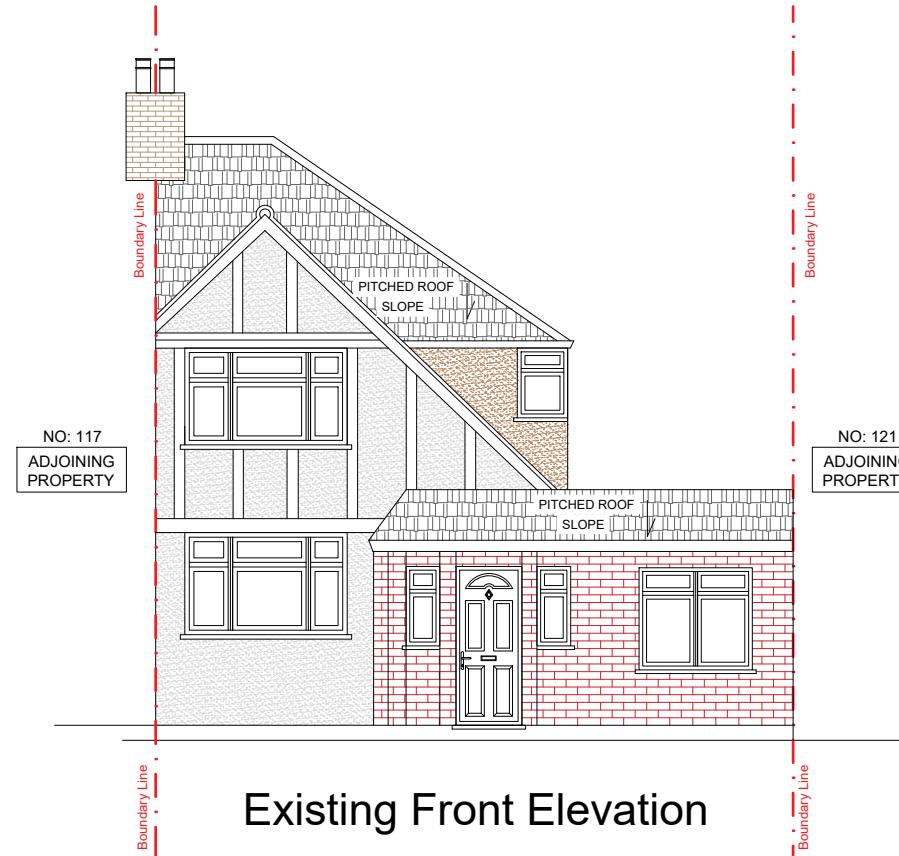
119 Woodlands Avenue  
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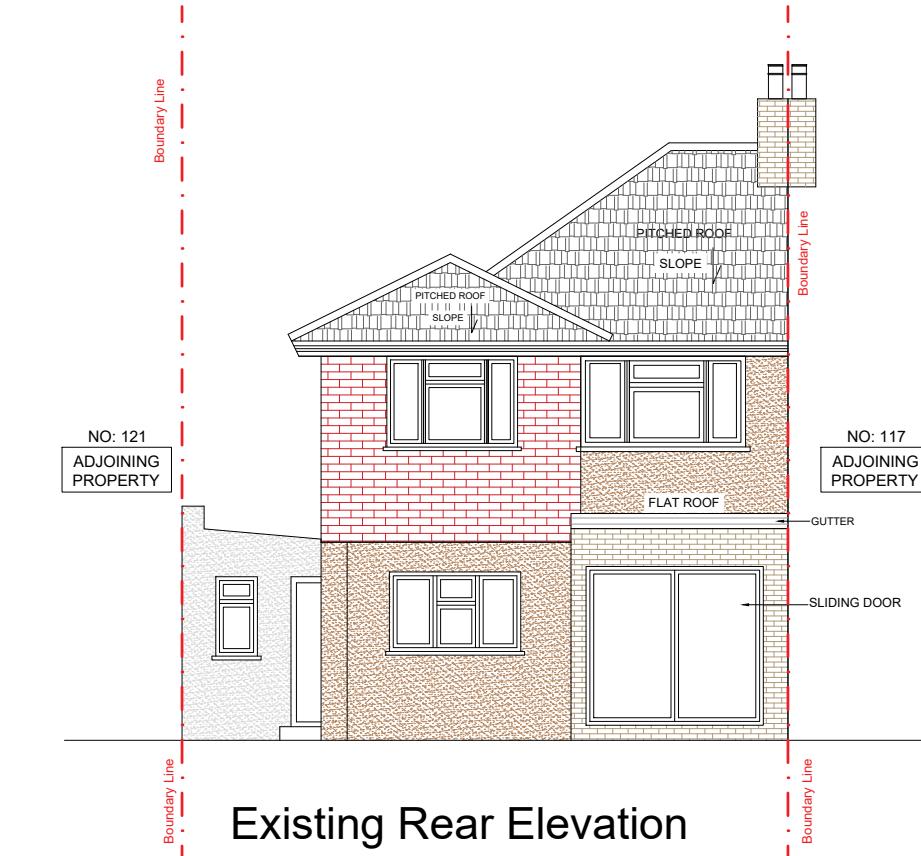
LOFT CONVERSION  
EXISTING AND PROPOSED ROOF PLAN

Sheet 4

	Name	Date	Scale
Drawn		12-07-2023	1:50 / 1:100 @ A1
Design			File No. N/A
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Approved			
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Existing Front Elevation

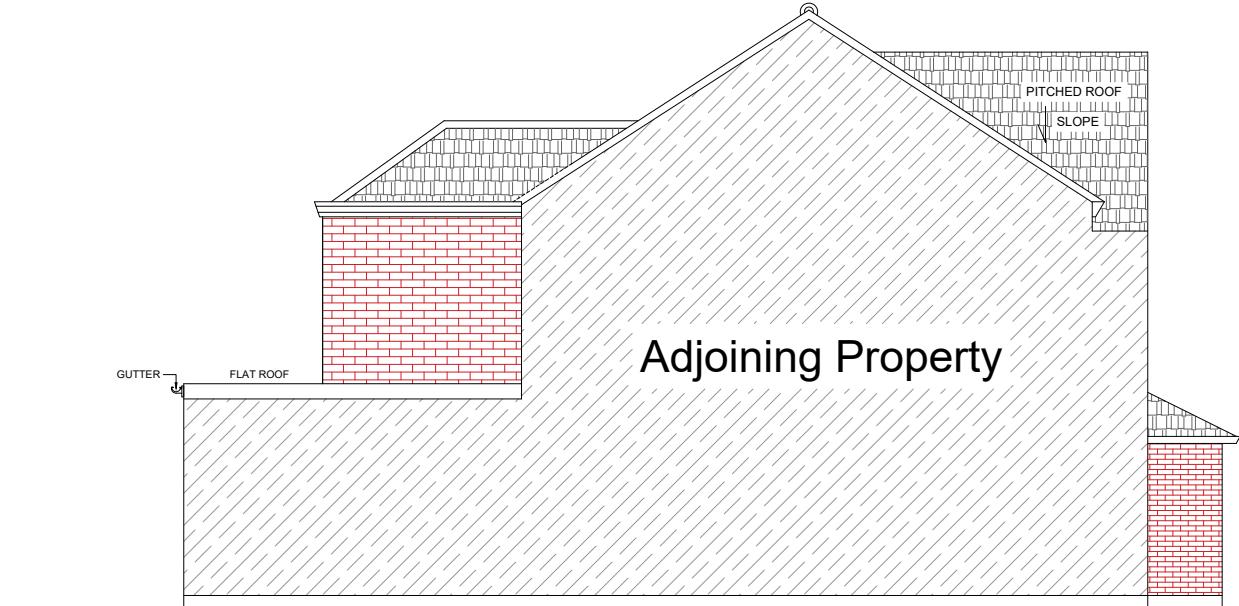


Existing Rear Elevation



Existing Right Side Elevation

0 1 2 3 4 5m  
1:100  
SCALE



Existing Left Side Elevation



Client

Project  
119 Woodlands Avenue  
Eastcote HA4 9RE

Drawing Title  
LOFT CONVERSION  
EXISTING ELEVATIONS

Sheet 5

	Name	Date	Scale
Drawn		12-07-2023	1:50 / 1:100 @ A1
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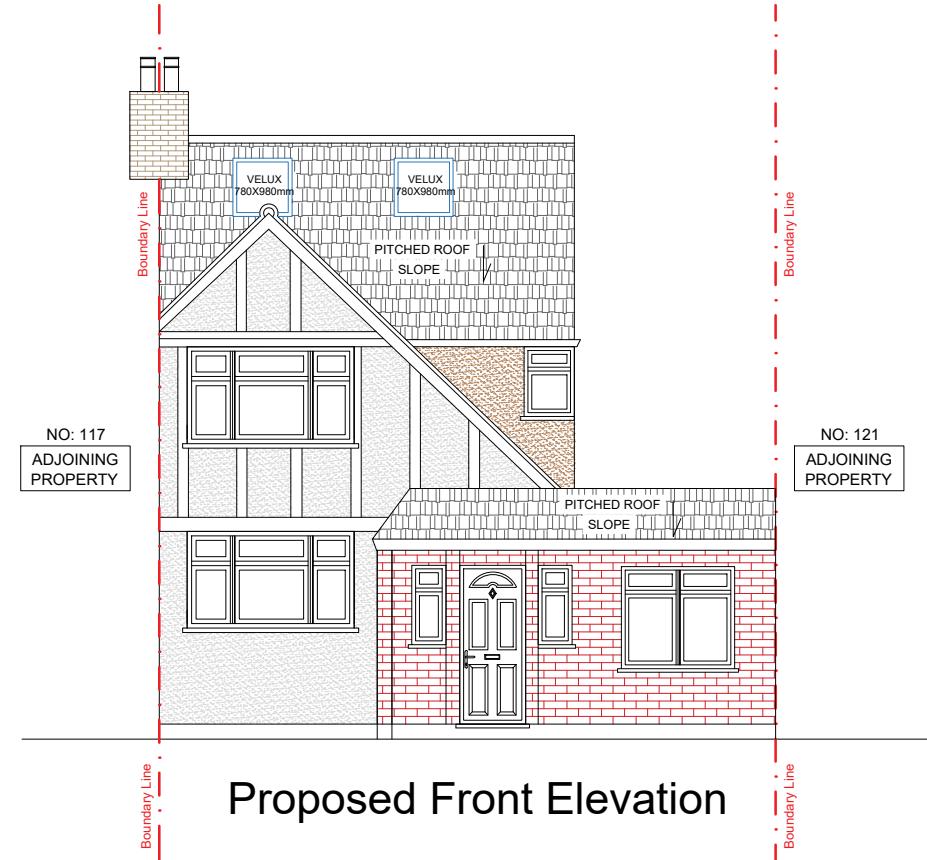
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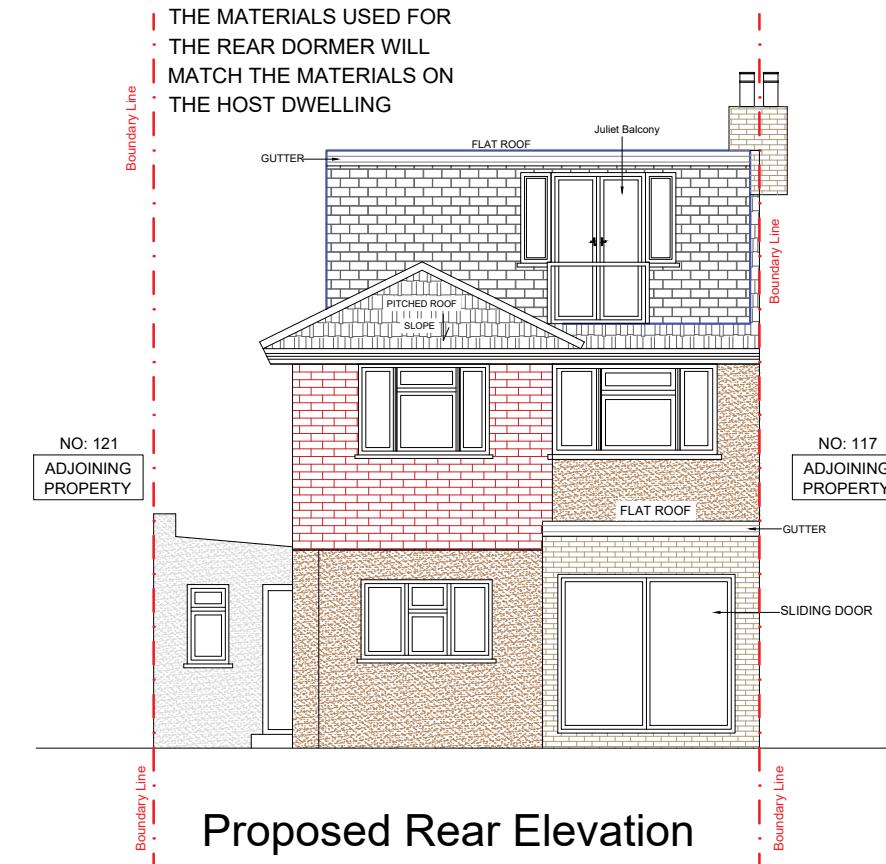
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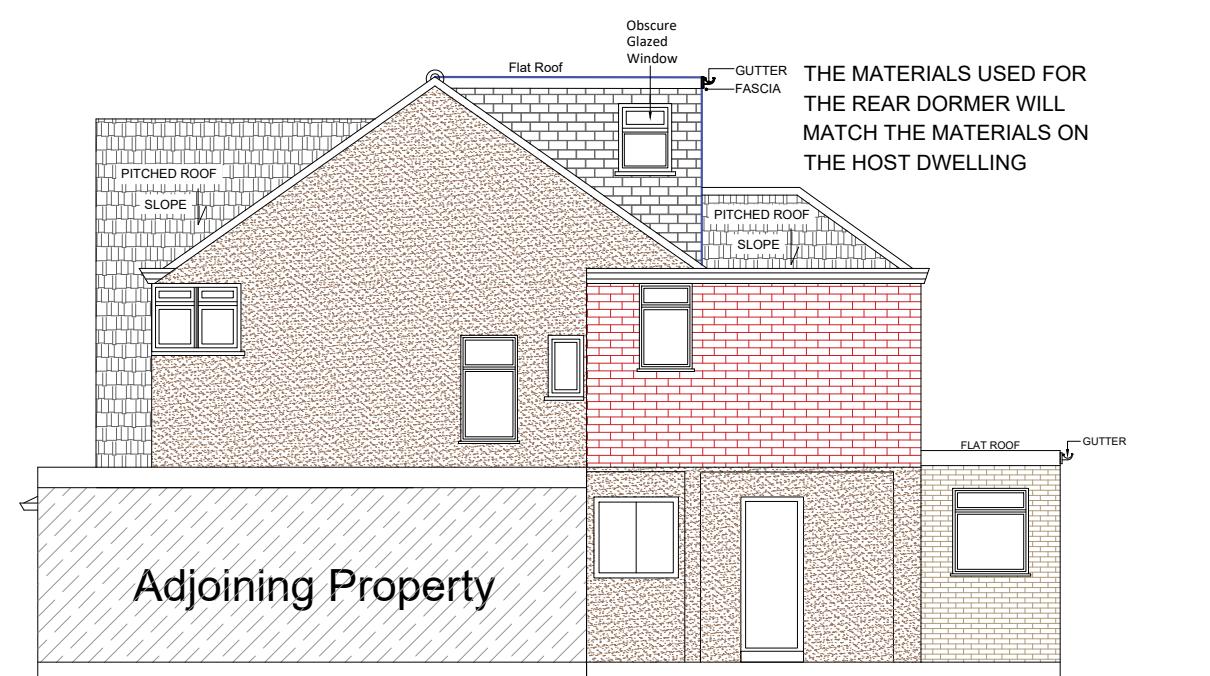
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Proposed Front Elevation

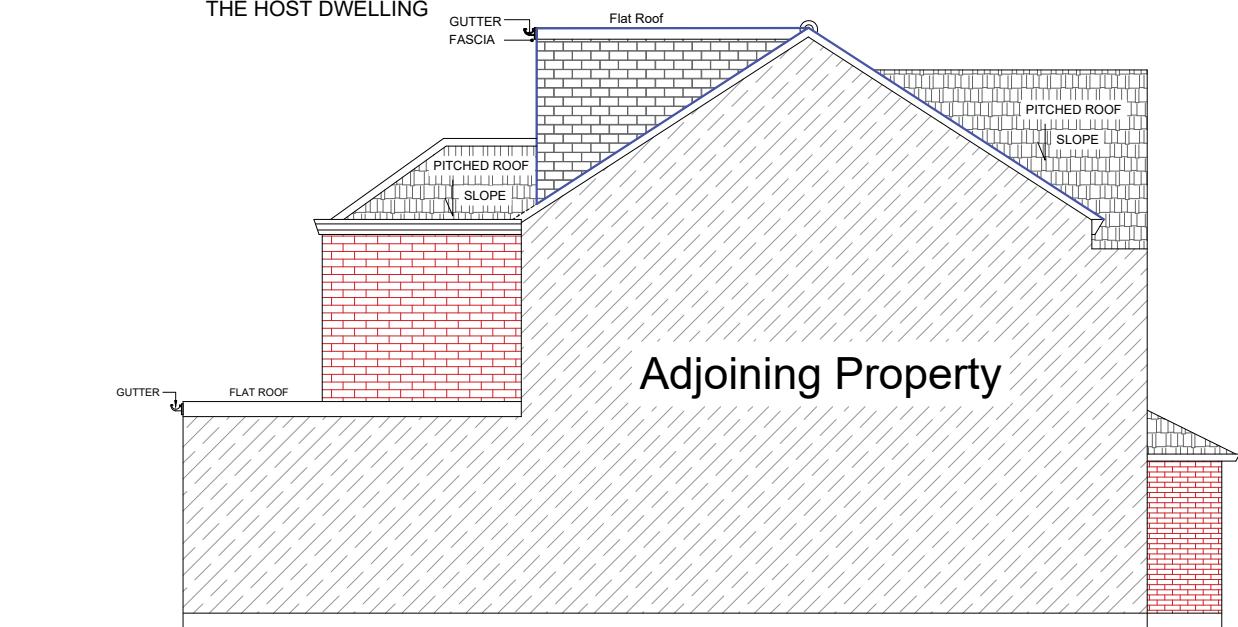


Proposed Rear Elevation



Proposed Right Side Elevation

0 1 2 3 4 5m  
1:100  
SCALE



Proposed Left Side Elevation



Project

119 Woodlands Avenue  
Eastcote HA4 9RE

Drawing Title  
LOFT CONVERSION  
PROPOSED ELEVATIONS

Sheet 6

	Name	Date	Scale
Drawn		12-07-2023	1:50 / 1:100 @ A1
Design			File No. N/A
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Approved			
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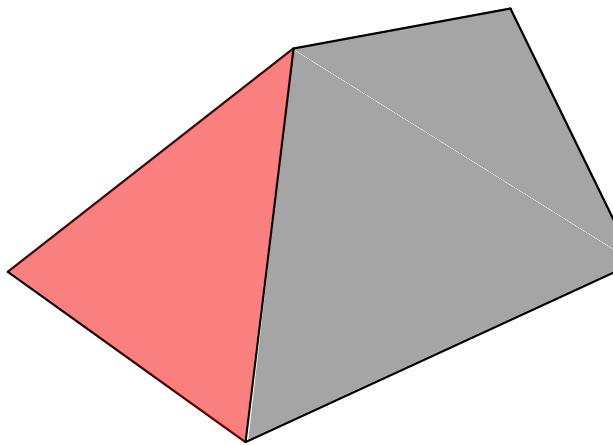
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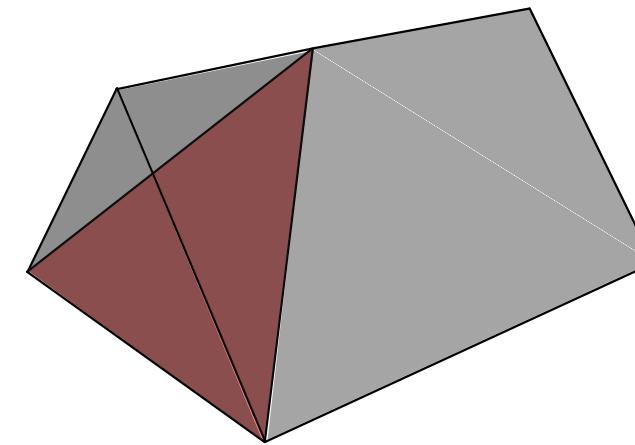
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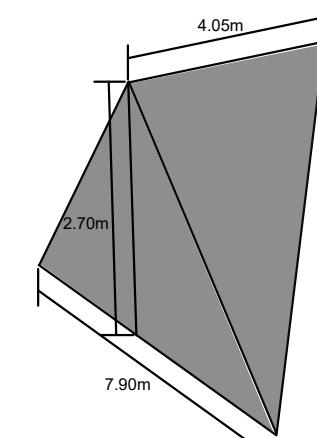
## VOLUME CALCULATION :



EXISTING

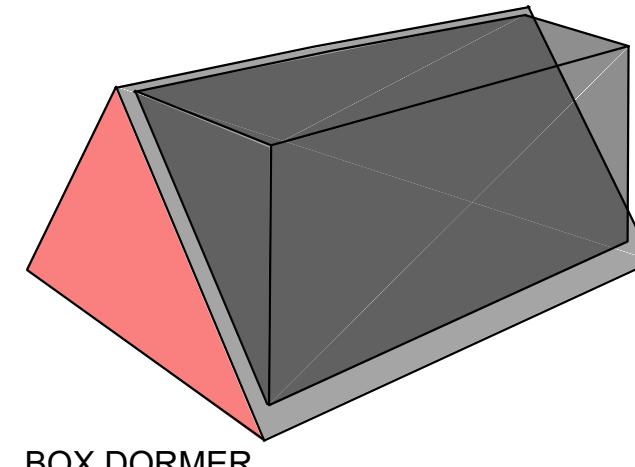


HIP TO GABLE

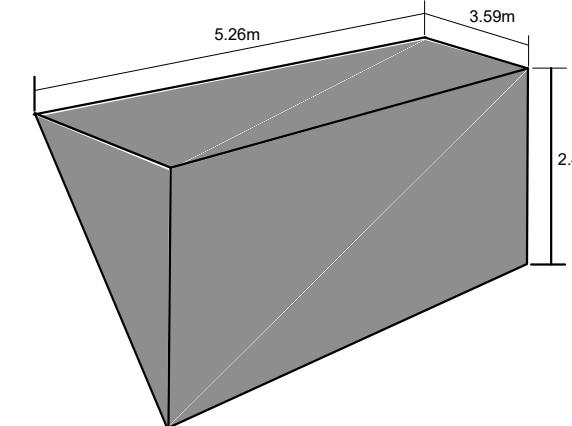


ADDITIONAL VOLUME

HIP TO GABLE  
VOLUME CALCULATION:  
 $= 0.33 ((7.90 \times 2.70) / 2) \times 4.05$   
 $= 3.51 \times 4.05$   
 $= 14.21 \text{ m}^3$



BOX DORMER



ADDITIONAL VOLUME

BOX DORMER  
VOLUME CALCULATION:  
 $= (5.26 \times 3.59 \times 2.40) / 2$   
 $= 22.66 \text{ m}^3$

TOTAL VOLUME OF ROOF  
EXTENSIONS = 36.87 m<sup>3</sup> < 50m<sup>3</sup>



Client

Project

119 Woodlands Avenue  
Eastcote HA4 9RE

Drawing Title

LOFT CONVERSION  
VOLUME

Sheet 7

	Name	Date	Scale	NTS
Drawn		12-07-2023	File No.	N/A
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NTS  
SCALE

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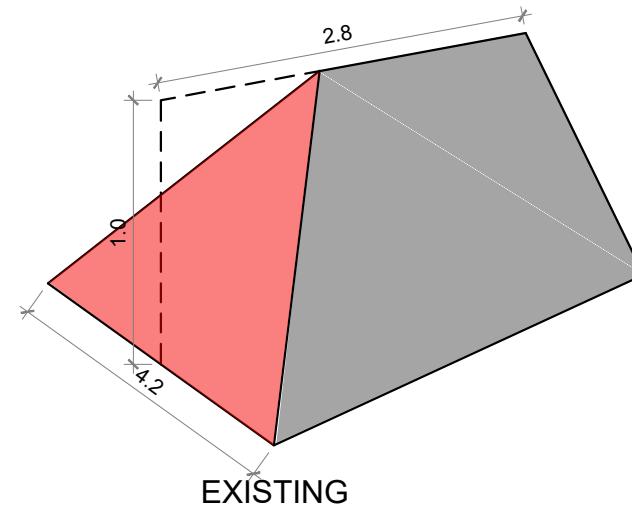
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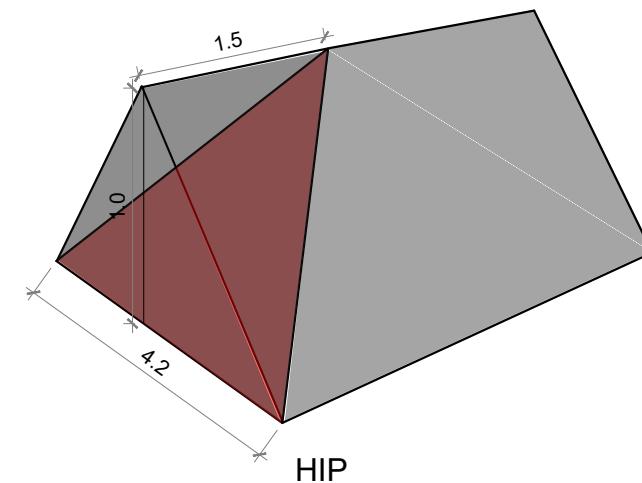
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## VOLUME CALCULATION :



### TOTAL VOLUME OF ROOF

$$\begin{aligned}
 &= \text{Total} - \text{HIP} \\
 &= 5.9 - 1.04 \\
 &= 4.86 \text{ m}^3
 \end{aligned}$$



### HIP VOLUME CALCULATION:

$$\begin{aligned}
 &= 0.33 ((4.2 \times 1.0) / 2) \times 1.5 \\
 &= 0.69 \times 1.5 \\
 &= 1.04 \text{ m}^3
 \end{aligned}$$

### PITCH ROOF VOLUME CALCULATION:

$$\begin{aligned}
 &= \frac{1}{2} \times 4.2 \times 1.0 = 2.1 \\
 &= 2.8 \times 2.1 \\
 &= 5.9 \text{ m}^3
 \end{aligned}$$



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LOFT CONVERSION  
VOLUME

Sheet 8

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11. MECHANICAL VENTILATION  
ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.  
INDICATES EXTRACT LOCATION
12. ALL EXTERNAL MATERIALS AND DETAILS TO BE CONFIRMED BY THE END USER AND LOCAL AUTHORITY BEFORE PLACING ANY ORDER FOR MATERIALS OR COMMENCEMENT OF WORK ON SITE.

6. DENOTES STRUCTURAL STEEL BEAM/TIMBER TRIMMER OVER ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.  
SB - STEEL BEAM  
CSB - CRANKED STEEL BEAM  
TR - TIMBER TRIMMER
7. DENOTES SPAN OF FLOOR OVER (TYPE STATED)