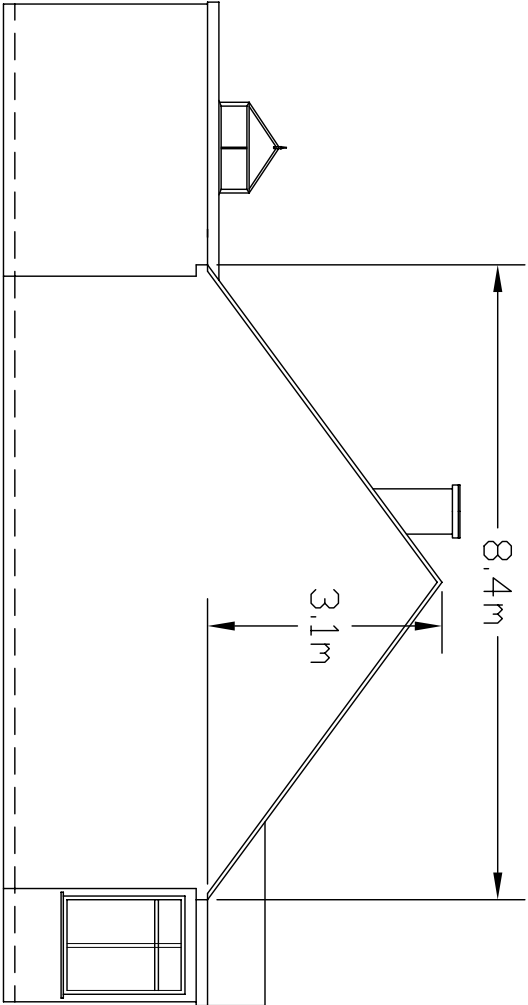
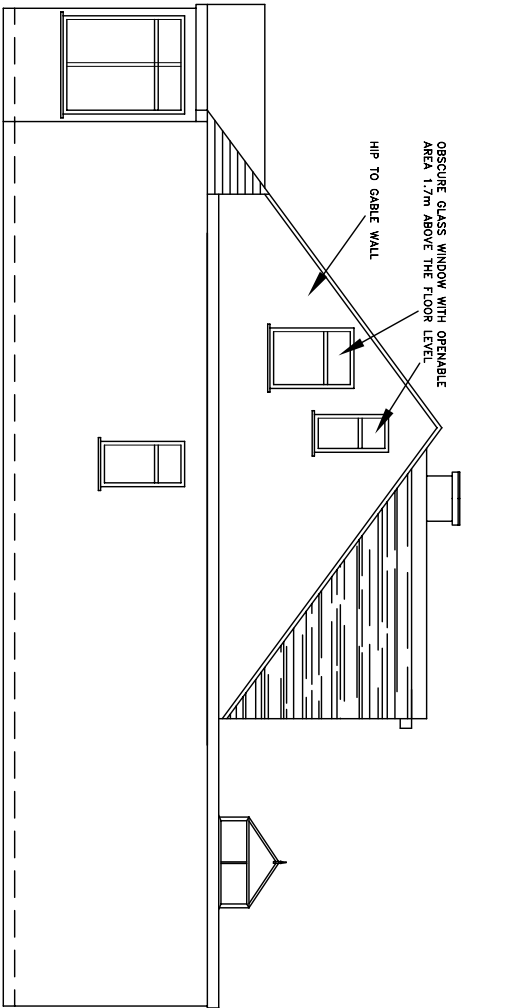


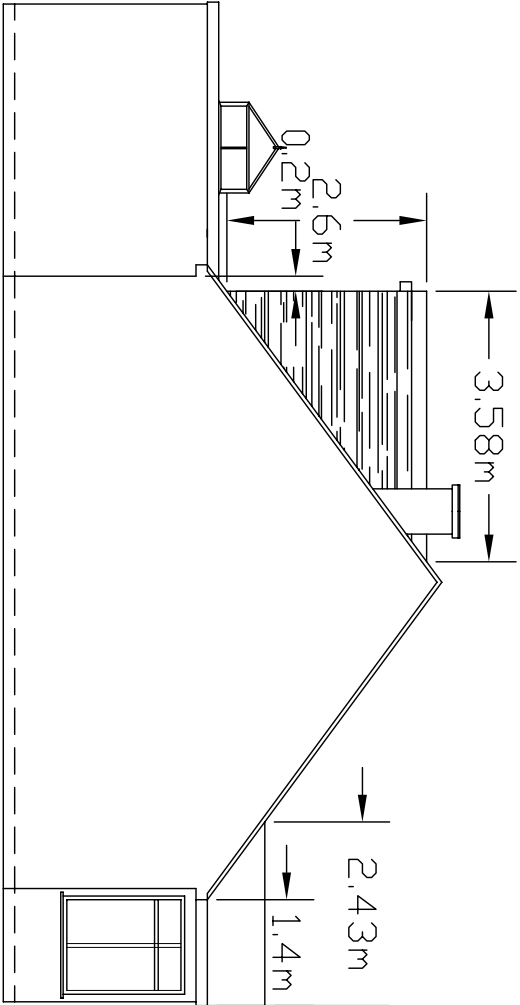
EXISTING SIDE ELEVATION



EXISTING SIDE ELEVATION



PROPOSED SIDE ELEVATION



PROPOSED SIDE ELEVATION

NOTES;

DIMENSIONS ARE TO CHECKED AND CONFIRMED BEFORE CONSTRUCTION PHASE.

ALL NEW EXTERNAL MATERIALS TO MATCH, AS CLOSE AS POSSIBLE, TO EXISTING EXTERNAL MATERIALS.

THE CLIENT IS RESPONSIBLE FOR PARTY WALL AGREEMENT OR ISSUES RELATING TO PARTY WALL

ALL STRUCTURAL ELEMENTS ARE TO BE DESIGNED AND SPECIFIED BY STRUCTURAL ENGINEER

EXISTING PORCH ROOF VOLUME;
 $\frac{1}{2}((2.43+1.4)/2 \times 2.24 \times 0.75) = 1.6m^3$

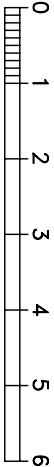
EXISTING FALSE ROOF VOLUME;
 $\frac{1}{2}((4.0+2.72)/2 \times 0.85 \times 1.1) = 1.57m^3$

TOTAL EXISTING VOLUME = 3.17m³

ALLOWABLE VOLUME AVAILABLE FOR THE MAIN ROOF DORMER;
50.0-3.17 = 46.83m³

ROOF VOLUME TO CREATE HIP TO GABLE;
1/3 AREA OF BASE X HEIGHT =
 $\frac{1}{3}(8.4 \times 3.1/2) \times 4.16 = 18.05m^3$

VOLUME OF DORMER
 $(6.15 \times 3.58 \times 2.6)/2 = 28.62m^3$
TOTAL VOLUME OF ROOF EXTENSION
18.05+28.62 = 46.67m³, LESS THAN
46.83m³



Scale bar 1:100

Project	Site	Drawing Title	Client	Scale	Date	Drawing No.
PROPOSED LOFT CONVERSION	59 MAPLE ROAD HAYES MIDDLESEX UB4 9LR	SIDE ELEVATIONS	MR AMRIT PAL S NARANG	1:100@A3	APRIL 2024	59/MR/03/A