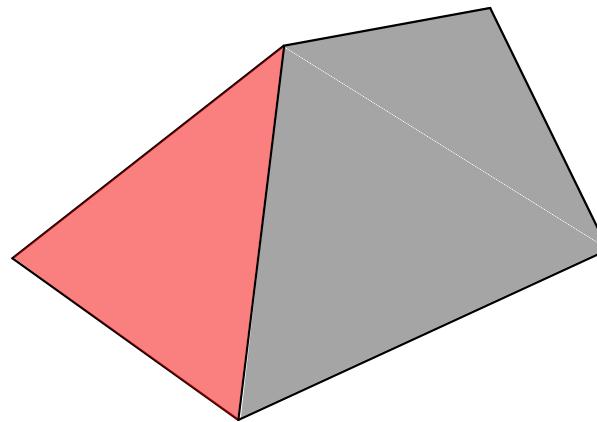
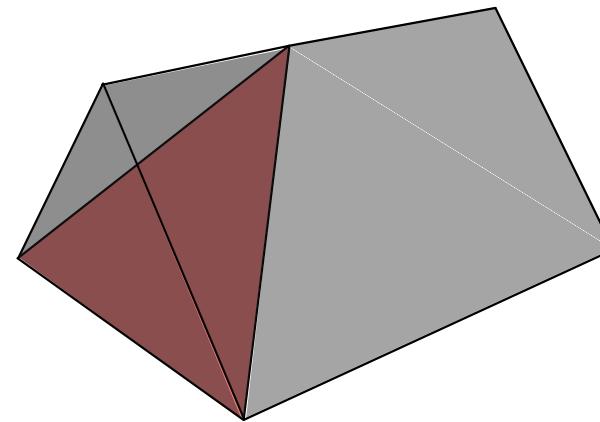


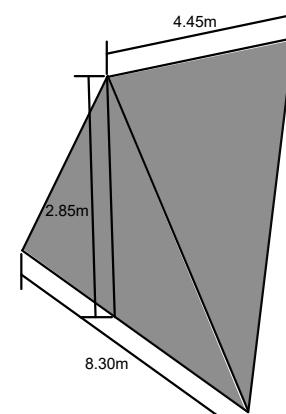
VOLUME CALCULATION :



EXISTING



HIP TO GABLE



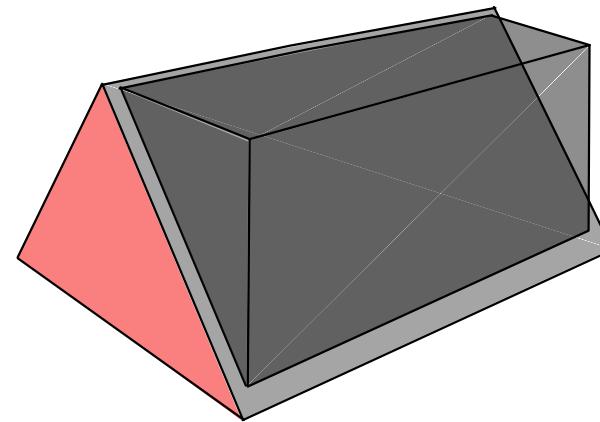
ADDITIONAL VOLUME

HIP TO GABLE
VOLUME CALCULATION:

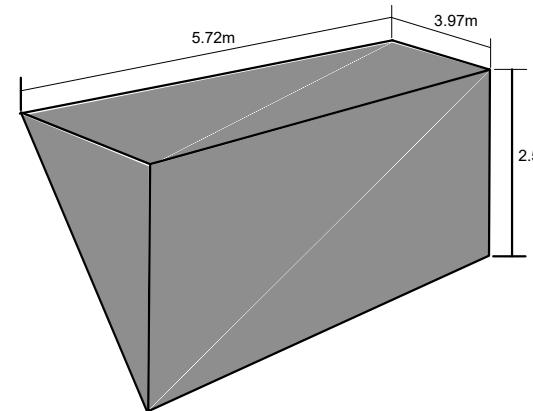
$$= 0.33 ((8.30 \times 2.85) / 2) \times 4.45$$

$$= 3.90 \times 4.45$$

$$= 17.35 \text{ m}^3$$



BOX DORMER



ADDITIONAL VOLUME

BOX DORMER
VOLUME CALCULATION:

$$= (5.72 \times 3.97 \times 2.53) / 2$$

$$= 28.72 \text{ m}^3$$

TOTAL VOLUME OF ROOF
EXTENSIONS = 46.07 m³ < 50m³

NTS
SCALE

GENERAL NOTES

1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL GENERAL ARRANGEMENT DRAWINGS, PROJECT DETAILS AND SPECIFICATIONS.
2. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO STRUCTURAL FACES AND/OR PARTITION STUDS.
3. ALL DIMENSIONS TO BE CHECKED ON SITE PRIOR TO THE FABRICATION OF ANY WORK AND/OR ORDERING ANY MATERIAL.
4. STRUCTURAL ENGINEER TO CONFIRM AND PROVIDE DETAILS OF ALL STEEL BEAMS, LINTELS, MOVEMENT JOINTS AND ALL STRUCTURAL INFORMATION.
5. ELECTRIC AND M&E WORK TO BE CARRIED OUT BY QUALIFIED AND REGISTERED SPECIALIST.
6. ALL DRAINAGE RUNS TO BE ABOVE FLOOR UNLESS STATED OTHERWISE.

4. ABBREVIATIONS USED:-
 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.
 NEW NON-LOADBEARING PARTITION,
 7.3 N/SQ. MM LOADBEARING AIRCRETE BLOCK (450 - 800 KG/M³) TO EXTERNAL CAVITY WALL TO CLIENTS SPECIFICATION. BLOCK STRENGTH TO BE CONFIRMED AND DETAILED BY THE STRUCTURAL ENGINEER
 WALL FOR ATTIC ROOM, EXACT SIZE OF TIMBER TO BE CONFIRMED BY ENGINEER
 TRIMMER OVER ALL STEEL BEAMS TO HAVE MINIMUM 1 HOUR FIRE PROTECTION.
 DENOTES SPAN OF FLOOR OVER (TYPE STATED)
 INDICATES EXTRACT LOCATION
10. KITCHEN LAYOUT TO SPECIALIST'S DESIGN AND DETAILS
 11. MECHANICAL VENTILATION
 ALL EXTRACT DUCTS TO RUN BE WITHIN FLOORS AND ROOF VOID UNLESS STATED OTHERWISE.
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.



Project

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HA4 9EZ

LOFT CONVERSION VOLUME			
Sheet 7			
	Name	Date	Scale
Drawn			NTS
Design			File No. N/A
Checked			Drawing Status. For Planning Approval
Approved			Revision
Drawing No.	SCUK22_0007_3		-