

	Project 189 New Bedford Road, Luton			Job No.	
	Calculations for Design Area Loadings			Client SA Design Consultants	
	Calcs by	Checked by	Drawing Ref. N/A	Section	Page No. 1


LOFT VOLUME SUMMARY

PROPOSED ROOF VOLUME

Triangle (Front Pitched Roof)	=	4.156 m (Width)	/ 2	x	3.246 m (Height)	x	8.312 m (Length)	=	56.066 m ³
Rectangle (Middle portion)	=	0.894 m (Width)		x	3.246 m (Height)	x	8.312 m (Length)	=	12.06 m ³
(Rear dormer)	=	7.69 m (Width)	/ 2	x	1.266 m (Height)	x	1.705 m (Length)	=	8.2995 m ³
Triangle (Rear Pitch Roof)	=	4.156 m (Width)	/ 2	x	3.246 m (Height)	x	8.312 m (Length)	=	56.066 m ³

TOTAL = 132.49 m³

EXISTING ROOF VOLUME



Volume calculator (p...

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Enter the measurements in the fields below and then click the "Calculate" button. Results are shown in the "Total Volume" field.
The volume calculator provides the total volume of the element that is illustrated in the image and defined by the measurements shown.

Height

Metres

Width

Metres

Length

Metres

A

Metres

B

Metres

C

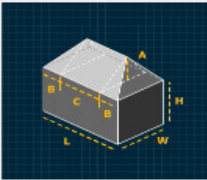
Metres

Total Volume

Cubic Metres

Calculate »

Reset



Note on taking measurements

$$132.49 \text{ m}^3 - 86.82 \text{ m}^3 = \boxed{45.672 \text{ m}^3}$$