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

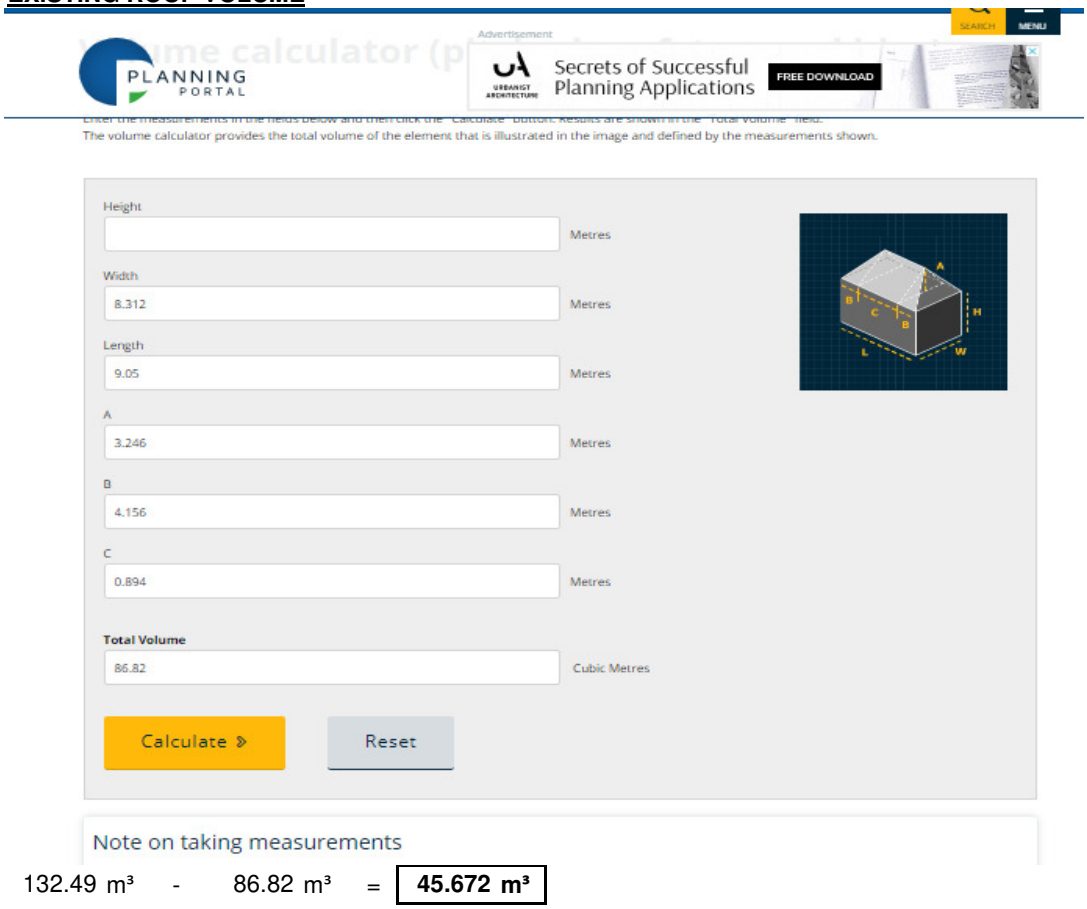
LOFT VOLUME SUMMARY

PROPOSED ROOF VOLUME

Triangle (Front Pitched Roof)	=	4.156 m *(Width)*	/ 2	x	3.246 m *(Height)*	x	8.312 m *(Length)*	=	56.066 m³
Rectangle (Middle portion)	=	0.894 m *(Width)*		x	3.246 m *(Height)*	x	8.312 m *(Length)*	=	12.06 m³
(Rear dormer)	=	7.69 m *(Width)*	/ 2	x	1.266 m *(Height)*	x	1.705 m *(Length)*	=	8.2995 m³
Triangle (Rear Pitch Roof)	=	4.156 m *(Width)*	/ 2	x	3.246 m *(Height)*	x	8.312 m *(Length)*	=	56.066 m³

TOTAL = 132.49 m³

EXISTING ROOF VOLUME



132.49 m³ - 86.82 m³ = **45.672 m³**