



**Existing part of building below the dormer volume calculations:**

Height: 1.375m  
Width: 2.841m  
Depth: 5.089m  
 $1.375 \times 2.841 \times 5.089 = 19.88 / 2 = \mathbf{9.94m^3}$   
 $15.80m^3 + 32.41m^3 - 9.94m^3 = \mathbf{38.27m^3} (< 40m^3)$

