

10 JUN 2021

Picked Piece, Bryants Bottom, Gt Missenden, Bucks HP5 9RN

Revised 28/5/21

Property dimensions

Square meter required

$$\begin{aligned} 17 \times 7.35 &= 124.95 \text{ sq. mtrs} \\ 2.65 \times 8.3 &= 16.16 \text{ sq. mtrs} \\ \text{Total sq. area} &= 141.11 \text{ sq. mtrs} \end{aligned}$$

Therefore 25% of original property = $141.11 \times 25/100 = 35$ sq. mtrs.

Cubic volume of property

$$\begin{aligned} 17 \times 7.35/2 \times 1.85 &= 115.57 \text{ sq. mtrs} \\ 2.65 \times 8.3/2 \times 1.85 &= 14.95 \text{ sq. mtrs} \\ \text{Total cu. area} &= 130.52 \text{ sq. mtrs} \end{aligned}$$

Shed square metres

$$\text{Total sq. area} = 5 \times 7 = 35 \text{ sq. mtrs.}$$

Cubic volume required = 140cu. mtrs.

$$\begin{aligned} \text{Shed } 5 \times 7 \times 2.4 &= 84 \text{ cub. mtrs.} \\ \text{Roof } 5/2 \times 2 \times 1.5 &= 7.5 \text{ cub. mtrs.} \\ \text{Hipped ends } 2.5 \times 2.52 \times 1.5 \times 2 &= 18.9 \text{ cub. mtrs.} \\ \text{Total} &= 110.4 \text{ cub. mtrs.} \end{aligned}$$