

454A. Whalley Rd "

"Volume Calculation

Original house/attached garage As built

as Approved Planning App' N° 522233 $\dots \text{m}^3$

'Main House @ $9.0 \times 12.6 \times \text{Ave } 6.34 = 719. \text{m}^3$

$$\begin{aligned} & \text{1- } \frac{1}{2} \text{ - Roof @ } \frac{1}{2} \text{ BxHxL} = 32.40 \\ & \frac{1}{2} \text{ BxHxL} = 48.60 \end{aligned}$$

$$\begin{aligned} & \text{As built garage :-} \\ & 5.5 \times 3.15 \times \text{Ave } 2.5 = 43.3 \\ & 3.6 \times 1.7 \times 2.5 \text{ Ave} = 15.3 \\ & \text{Add Roof} = 6.23 \end{aligned}$$

• TOTAL EX/EXISTING VOLUME = 865. m³

$$\therefore 865 \text{ m}^3 \times 33\% / \frac{1}{3} = 288 \text{ m}^3$$

• Volume of Proposed Ext'n :- m^3

• Rear Ext'n @ $4.5 \times 4.275 \times 3 \text{ m max} = 69.26$

• Garage Ext'n @ $5.5 \times 2.0 \times 2.5 \text{ Ave} = 27.50$

$$\text{1- Roof } \frac{5.5 \times 1.7 \times 3}{2} = 4.68$$

$$\text{Total Volume of Proposed Ext'n} = 101.44 \text{ m}^3$$

∴ As above volume of proposed/Exg Extension @ 101.44 m^3 is significantly lower than the 288 m^3 - ($\frac{1}{3}$ - 33%) of the original - As built dwelling !!!

* There are NO Existing Extensions to the property !!!