

## Existing Volume Calculation

### Main House -

Main Building -  $168.0\text{m}^2$  External Footprint x  $2.50\text{m}$  Height =  $420.0\text{m}^3$

Main Roof -  $168.0\text{m}^2$  x  $1.30\text{m}$  =  $218.4\text{m}^3$

**Total:  $638.4\text{m}^3$ .**

### Detached Garage

Main Garage Building -  $41.0\text{m}^2$  External Footprint x  $2.40\text{m}$  Height =  $98.40\text{m}^3$ .

Garage Roof –  $41.0\text{m}^2$  x  $1.00\text{m}$  Height =  $41.0\text{m}^3$ .

**Total:  $139.4\text{m}^3$ .**

**Total:  $777.8\text{m}^3$  x  $1,244.5\text{m}^3$  (60% Allowance).**

## Proposed Volume Calculation

### Main House -

Ground and First Floor Plans –  $181.0\text{m}^2$  Footprint x  $6.00\text{m}$  Height =  **$1,086.0\text{m}^3$ .**

Garage –  $41.0\text{m}^2$  Footprint x  $2.80\text{m}$  Height =  **$114.8\text{m}^3$ .**

**Total:  $1,200.8\text{m}^3$ . Volume of New Dwelling.**