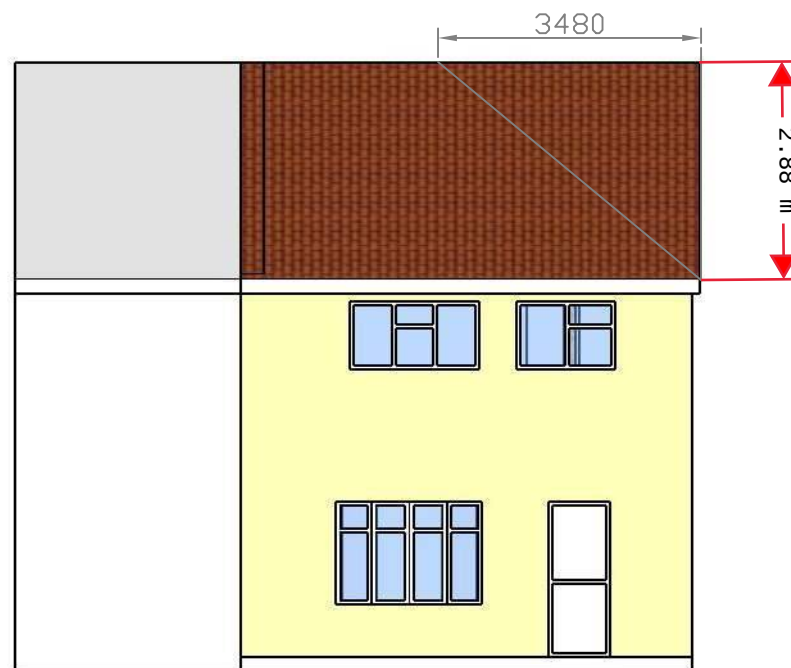




**Proposed front elevation
1:100**



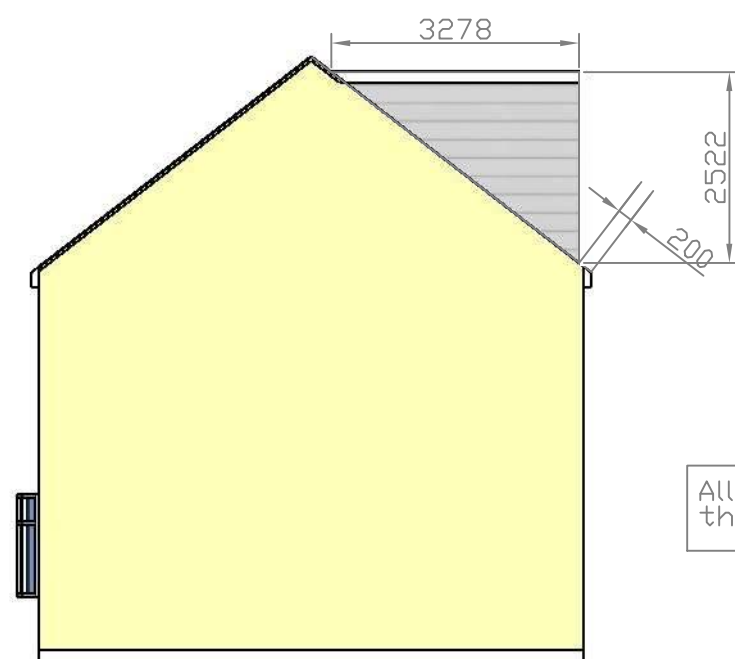
**Proposed rear elevation
1:100**

Volume calculation:

Hip to gable
Volume of pyramid
 $\frac{1}{3}$ base area x height
 $\frac{1}{3}(7.211 \times 3.064 / 2) \times 3.480$
= 12.815 cubic metres

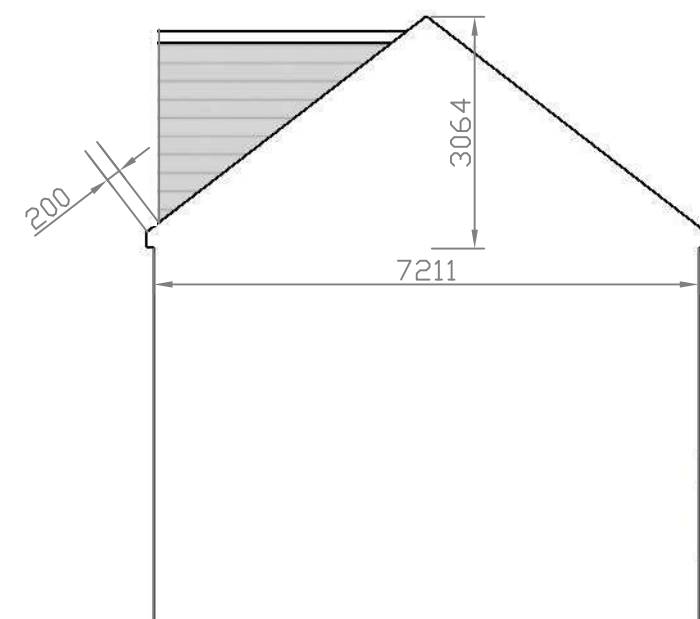
Dormer window volume of Prism
Area x Length
 $\frac{1}{2} 3.278 \times 2.522 \times 5.927$
= 24.500 cubic metres

Total volume increase of roof extensions
= 12.815 + 24.500
= 37.315 cubic metres
is < 50 cubic metres



**Proposed right elevation
1:100**

All materials used will be of similar to the existing



**Proposed left elevation
1:100**

