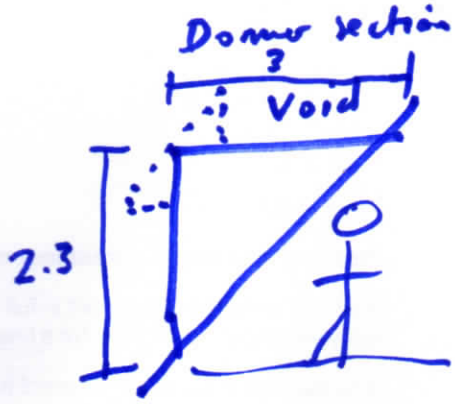
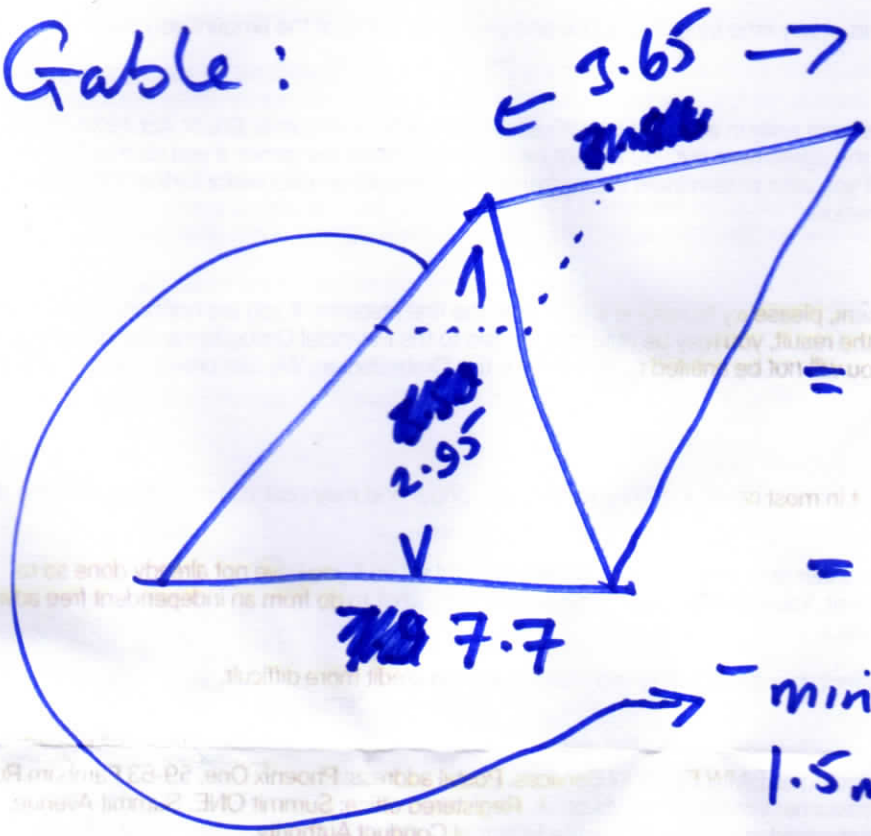
Volume calcs.



Gable:



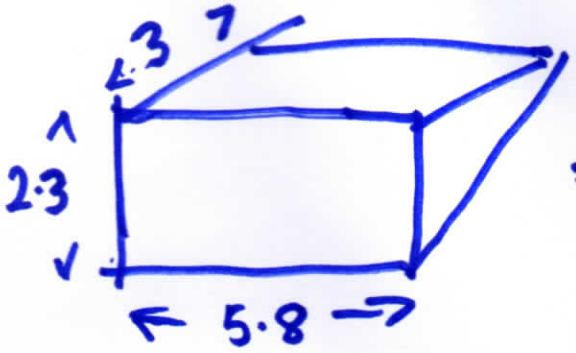
$= \frac{\frac{1}{2} b \times h \times 3.86}{3}$

$= 13.81$

minus barn hip
$1.5 m^3$

$= 12.31 m^3$

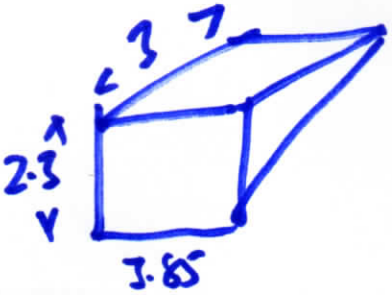
North Dormer:



$= \frac{L \times H \times W}{2}$

$= 20 m^3$

South Dormer:



$= 13.28$

ok

TOTAL = 12.31 + 20 + 13.28 = 45.59