

Ground Floor Plan


Rear Elevation




Roof Volume Calculation
$\mathrm{V}_{\mathrm{d}}$
trianguar pyramidr intersection
between main rear roof and outrigger roof


Ex. Lortanden
$=$



$=$
$=$






Domer Volume Calculation
$((n 1 \times d 1) / 2) \times 1=$
$(12.26 \mathrm{M} \times 3.9 \mathrm{M}) / 2) \times 1.81 \mathrm{M}=$
$=8.1 \mathrm{~m} 3$



$\mathrm{V}_{1}+\left(\mathrm{VV}_{2}-\mathrm{Vd}\right)+\mathrm{V}_{3}=39.05 \mathrm{~m} 3$
Volume alowance $=40 \mathrm{~m} 3$





