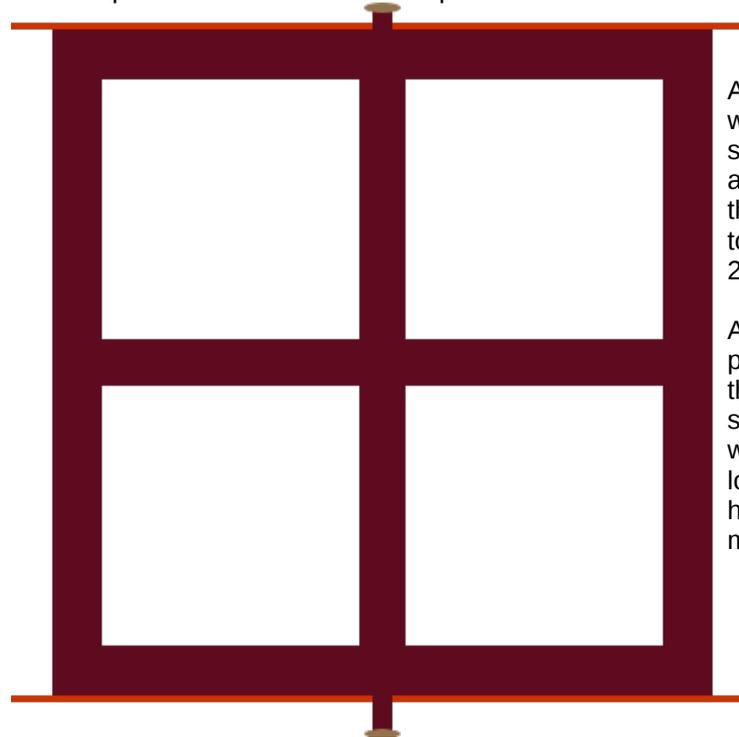


Sheet1

Pivot windows in yurts to allow 2nd exit and maximum air flow when open.



Yurt windows should be wide enough to use as an exit. 24"x24" (or 20"x20") annealed panes are among the least expensive. If a pane is broken, a standard size will be easier, and less expensive, to replace. Reclaim glass or request as a donation from a sponsor?

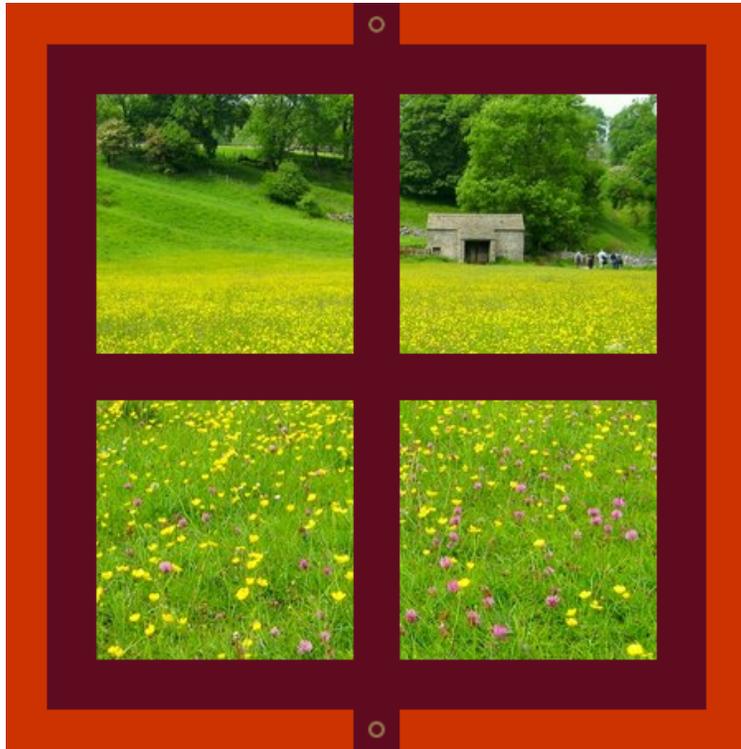


Assuming the glass sits in a 1/2" groove within a 4" frame, total width and height should be 58"x58". Divided in half, that allows about 29" for an individual to exit through. If 20"x20" panes are used, a total of 52" width and height leaves about 25" to exit through.

A fired clay cap shaped like a tiny bowl, placed at the top and bottom of the shaft that runs through the center of the frame, should help the shaft wear less into the wall at the bottom and prevent becoming loose at the top. Or maybe a concave hardwood disc? The goal is to avoid metal.

Sheet1

To make it easy to remove a pivot window, a tiny place in the cob wall can be left open, but filled with a matching piece of wood that should be easily removed. A small wood plug with a peg handle to grip and pull out?



As insulation, smaller thin wood frames encased in 'slip covers' of cotton or wool fabric, filled with cotton or wool batting, can fit inside each window. Fabric ends folded inward, so batting can easily be removed and replaced so a frame will not require being taken apart.

"Insulation made from cotton has a general R-value of 3-4 per inch compared to fiberglass insulation batts with R-values ranging from 5 to 7 per inch. In short, cotton insulation isn't quite as efficient as fiberglass, an issue that is usually addressed by installing thicker bats or more layers. By increasing the thickness of the layer of insulation you install you can easily raise R-values to comparable levels."

<http://www.homeadvisor.com/r/cotton-insulation/#.WMizuuTatQI>

