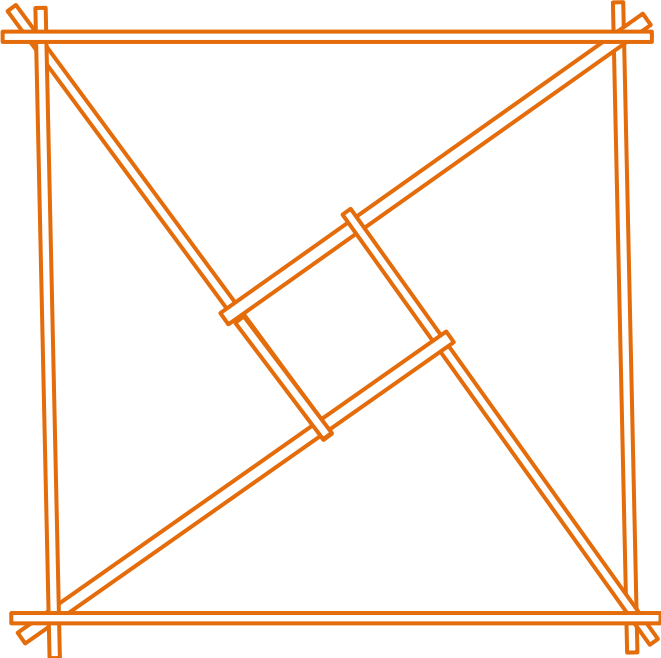
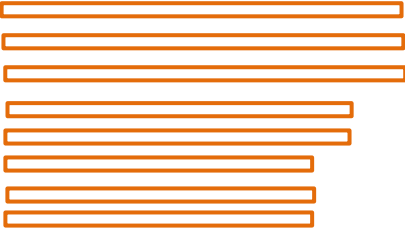
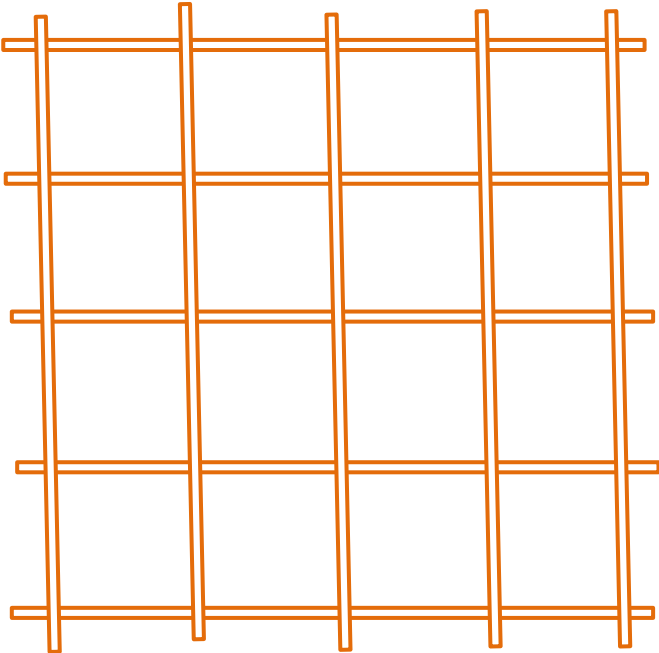


RSK SHELTER



35 m bamboo

TRADITIONAL SHELTER



53 m bamboo

33 % LESS BAMBOO

This 33% saving of bamboo is due to:

- 1. The efficiency of span of the reciprocal frame roof.**
(enabling shorter poles to be used to span a roof)
- 2. The greater strength of the RSK arrangement of roof frame poles.**
(this is due to the combined four triangular “truss” arrangement and the sharing of loads equally between the 4 reciprocal poles)
- 3. The need for 4 additional support posts for traditional shelters.**
(The RSK roof load is not on the side ridge poles as it is for traditional shelters, but on the corner posts)

**If ropes are used instead of bamboo for the side ridge poles
the RSK can be built with only 22m of bamboo .**

This is a 58% saving in bamboo.