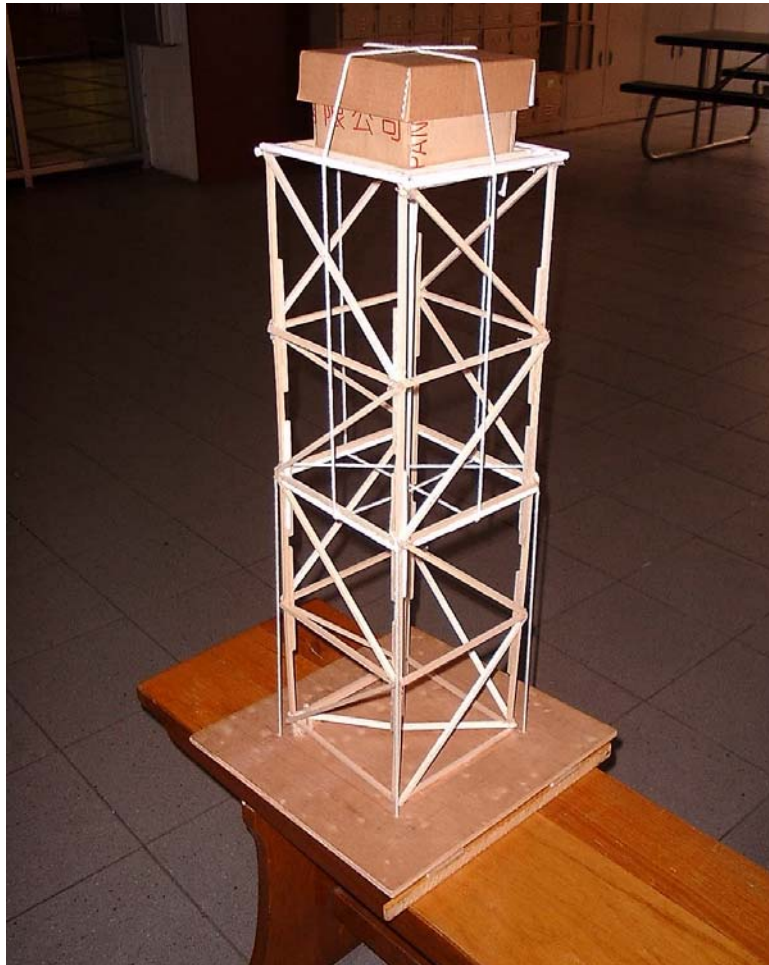
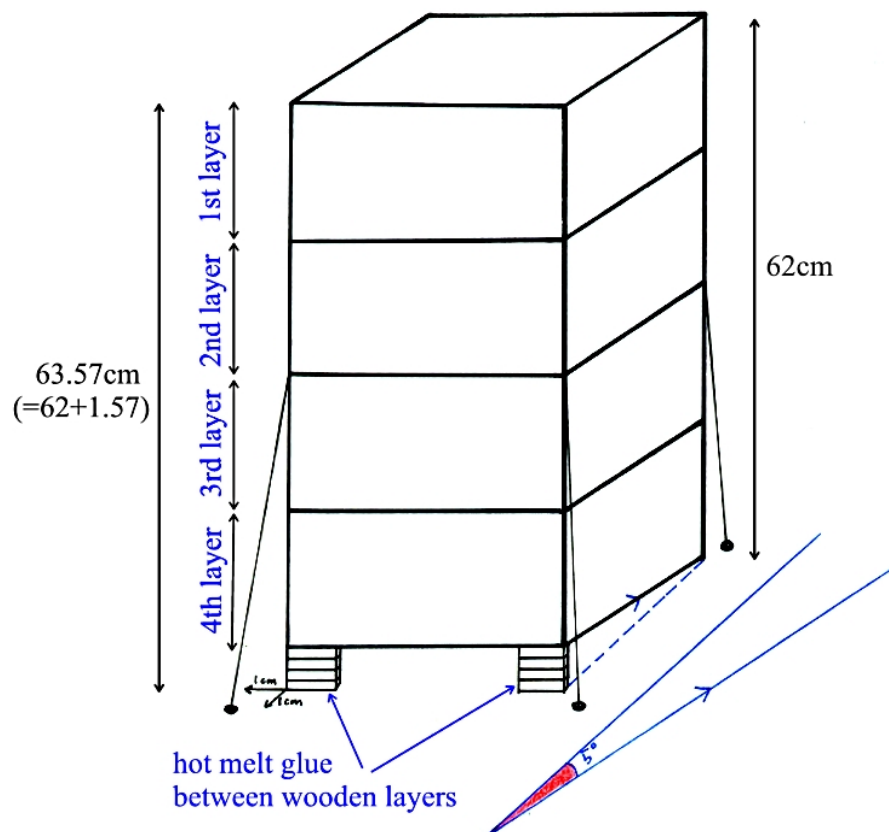


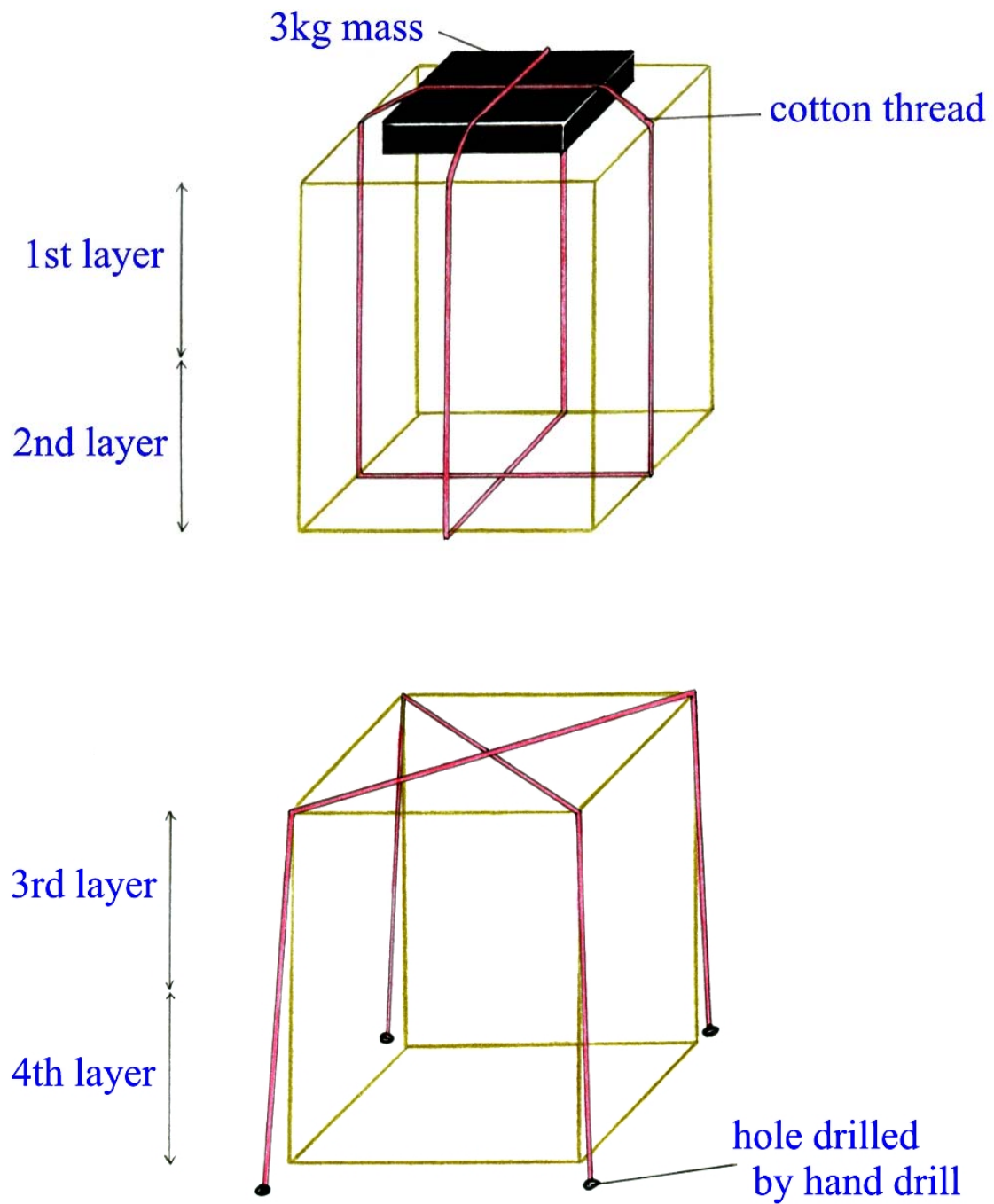
The design of our model is as follows:



Dimensions are as follows: (Note that 4 layers are of the same height)

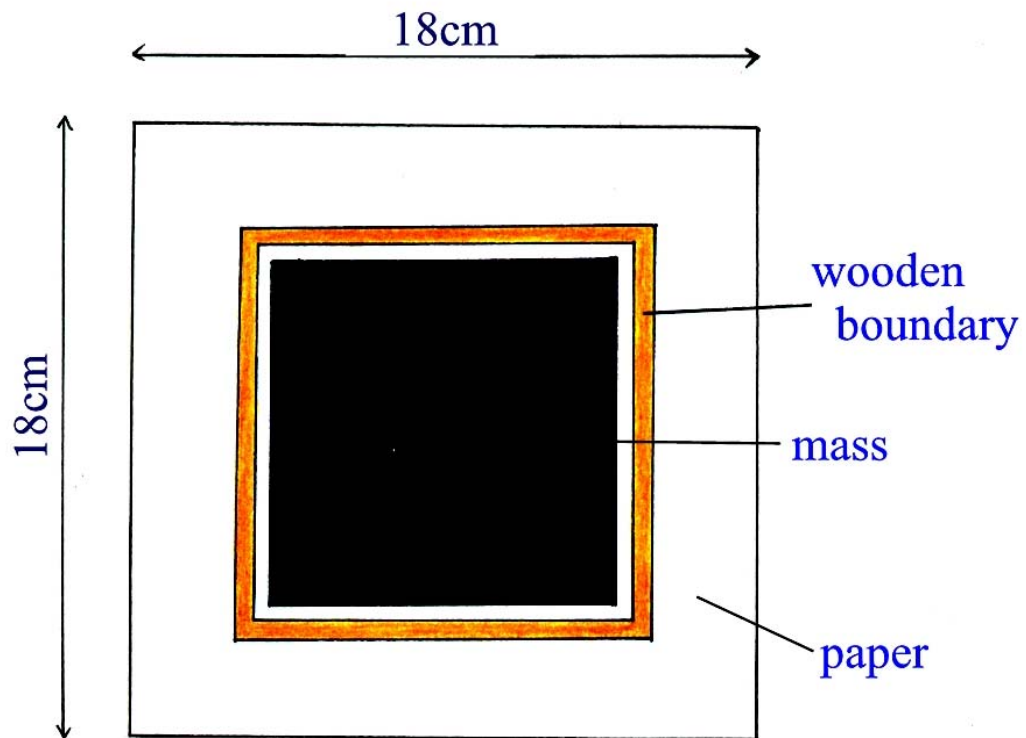


The two layers are shown as a combined layer for clearer presentation.
The cotton thread is wrapped as the following:

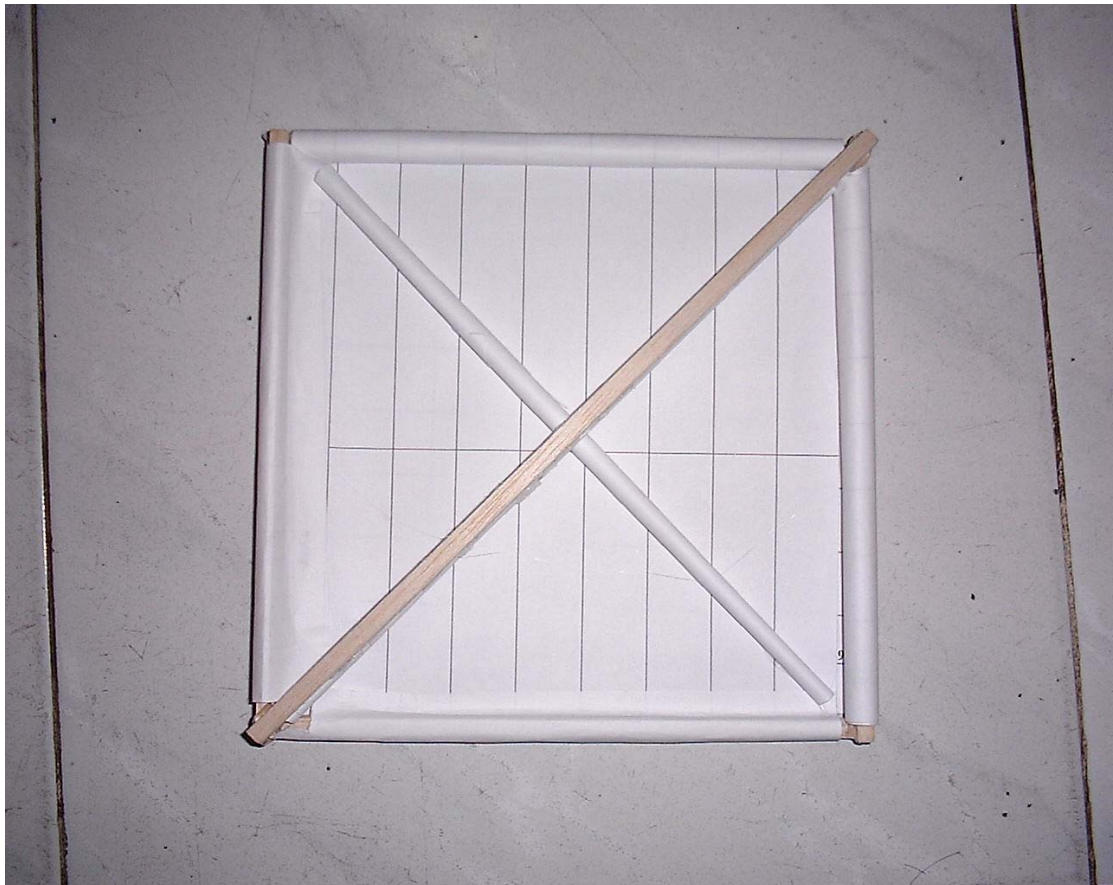


Paper will be used to build the outer wall in the region about the interface of the 2nd & 3rd layer. In the above figures, the paper is omitted for clearer presentation.

The loaded floor is like the following:



Its bottom side:



The following pictures show the different parts of our model:

