Long Langstroth Hive – 0.0 (Initial, Rough Design)

This is the rough design for a 32-frame long Langstroth hive (formal plans to follow). The long hive is meant to be easier to work than the usual Langstroth equipment as no heavy boxes must be lifted. It will hold three standard supers (placed side by side) for the honey flow. It can hold two medium colonies or one large one. It has a top with a separable hinge. The bottom will be screened with a cover for the winter. Construction is meant to be simple and this design is slightly modified from the one found at [http://horizontalhive.com/how-to-build/long-langstroth-plans.shtml](http://horizontalhive.com/how-to-build/long-langstroth-plans.shtml).

Construction is simplified with glue, screws, and nails. It only requires a few simple cuts.

The body is built of 2-in-×-12-in dimensional lumber with rabbets cut out from the bottom for the screen and board and the top for the frame lugs and rim of the lid.

The lid is built of 1-in-×-6-in dimensional lumber with a sloped, tin-covered roof and eaves.

Legs are built of 2-in-×-4-in dimensional lumber. The height varies by beekeeper, but just above waist high is typical.