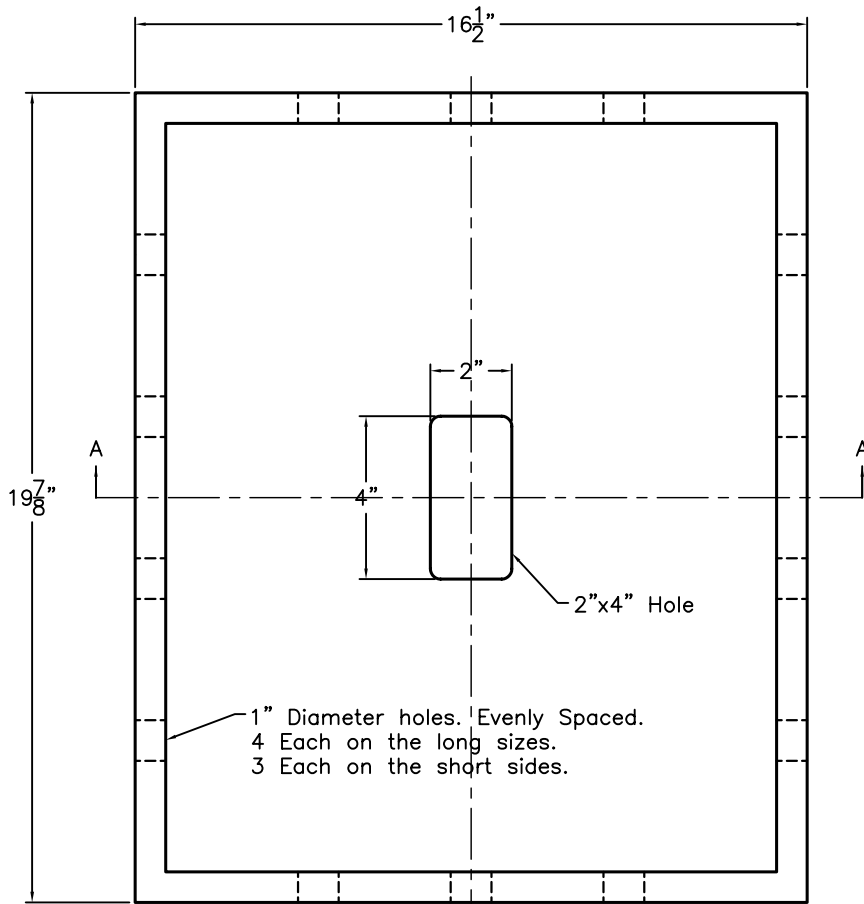
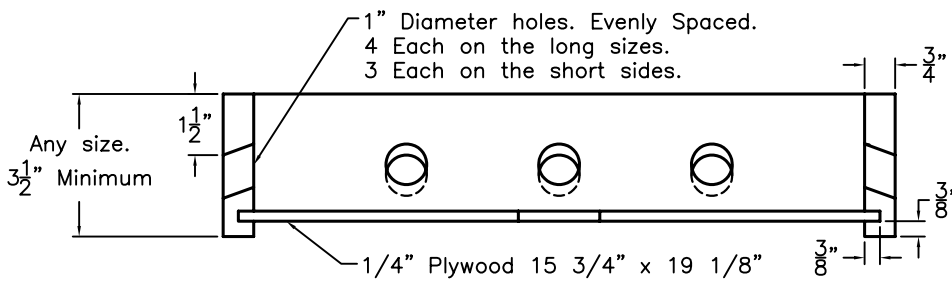


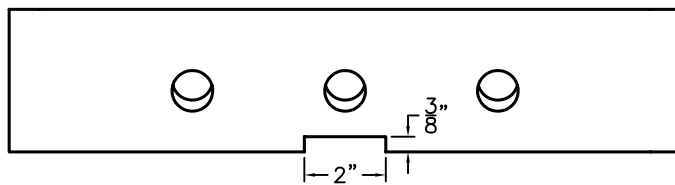
Ventilation/Insulation Box



Top View



Cross Section A-A



Front View

Notes:

- 1" Diameter holes should be angled down towards the outside so water does not sit in the holes.
- Galvanized hardware cloth or window screen should be stapled on the inside of all the 1" Diameter holes. (8 wire or better so bees, wasps, moths, etc. can't pass though)
- A sheet of polystyrene insulation should be cut to fit inside the box for winter insulation. We use 2" thick polystyrene, but 1" would likely be acceptable.
- For winter feeding I cut a 6"x6" square of #8 wire galvanized mesh and place it over the 2"x4" hole in the plywood. Then I cut a 4 to 5" Diameter hole in the polystyrene insulation. This allows the center piece of insulation to be removed and an inverted jar to be placed over the mesh with minimal disturbance to the bees.
- You will need to place an empty super or deep over this box when feeding to cover the quart jar unless you make this box particularly deeper than shown.
- Greasing the bottom of the insulation center cutout may make it easier to remove as the bees sometimes propolize the mesh, plywood and insulation together.
- The insulation AND 6"x6" mesh should be removed in warmer months. It is important the 6"x6" mesh be removed so the bees can access the ventilation box and keep it free of ants and other pests.
- This box is to be used in place of the standard inner cover.
- The box joints are not shown. Any joint should be acceptable, finger joint, miter joint, butt joint, etc. given appropriate fasteners.