

Pheasant Box Design Specifications

Utah Division of Wildlife Resources
Version 11-17-2015



Needed Components:

2 – Front Supports (8 ½", made from 2X4s)

2 – Rear Supports (8 ½", made from 2X4s)

2 – Door Stops (8 ½", made from 2X2s)

4 – Side Support Rails (25", made from 1X2s)

2 – Back Support Rails (17", made from 1X2s)

2 – Floor/Roof (20" X 32", ¾" plywood – OSB or Particle Board will not be accepted)

1 – 9" X 80" piece of 1" X 1" PVC coated welded wire (available at 3T Products, academyfence.com, wireclothman.com and other sources. Plain galvanized will not be accepted)

28 - 2 ½" Screws (two each securing the end supports and door stops to the top and bottom, two each securing the door stops to the end supports)

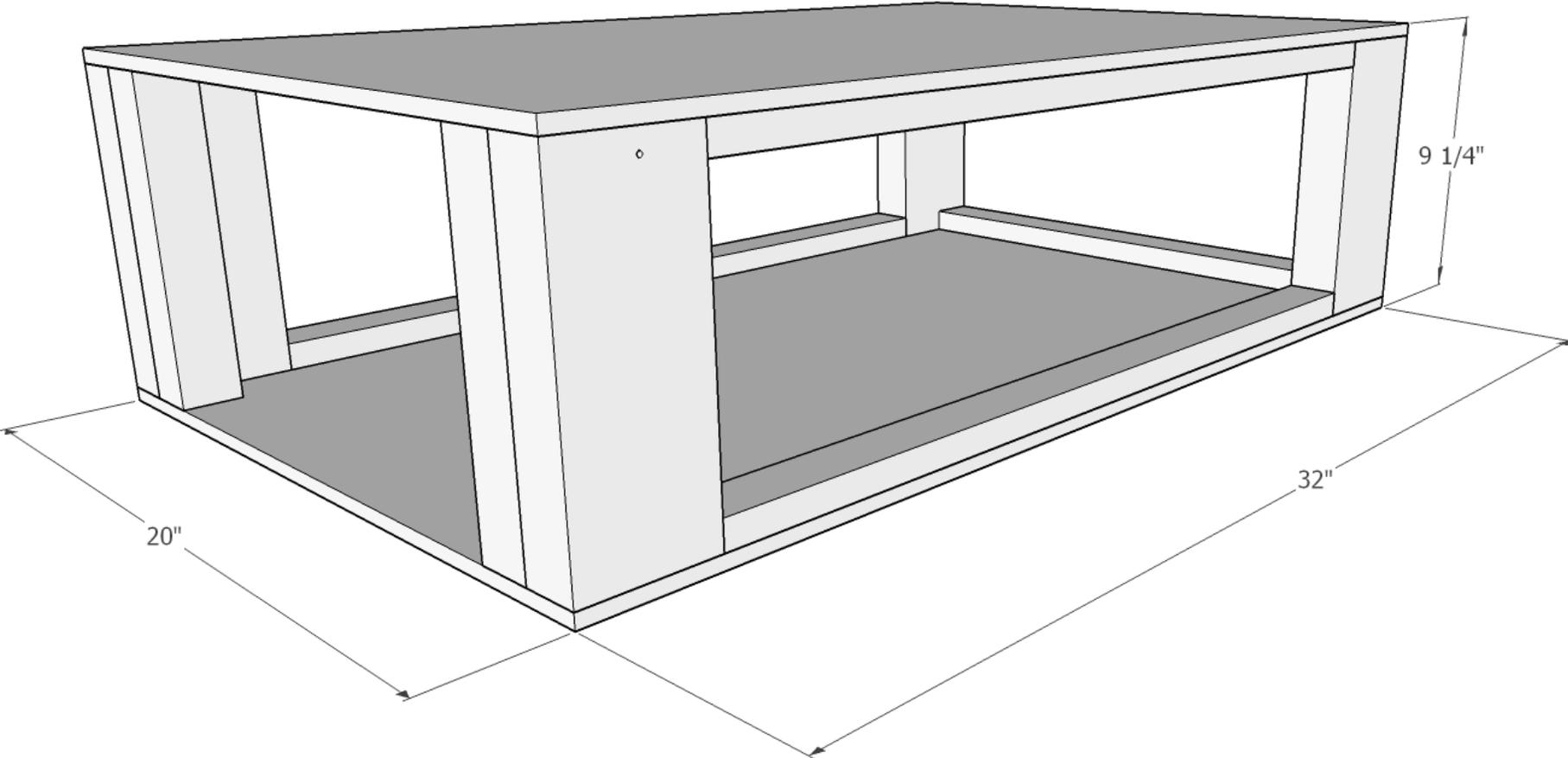
28 – ¾" Screws (equally spaced along the side rails)

Many – ¾" narrow crown staples to attach welded wire mesh

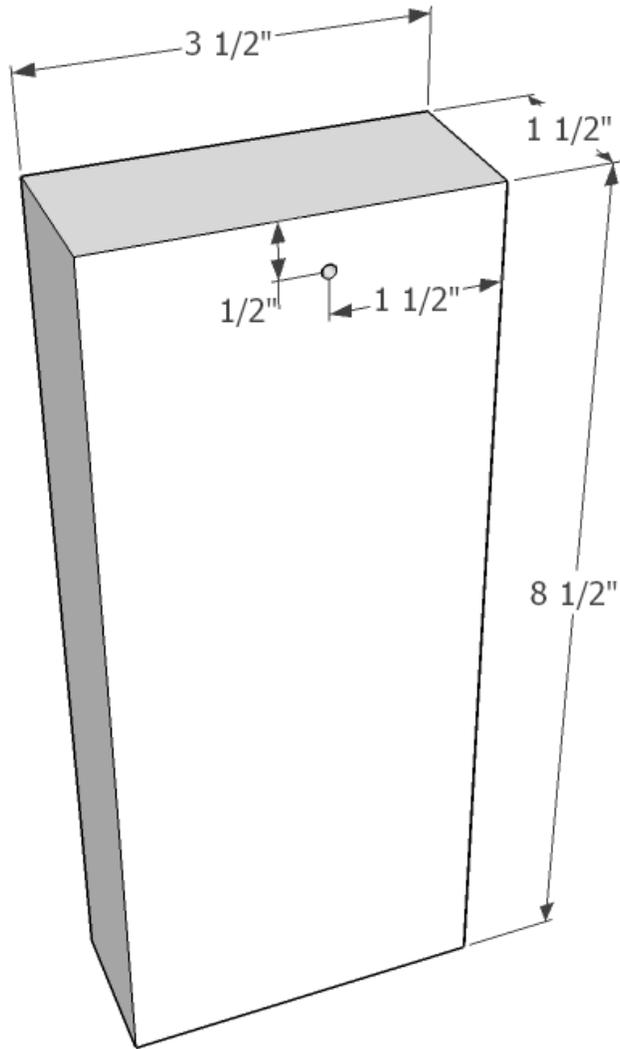
1 – 22" X ½" round bar stock (door hinge)

1 – 16" X 7 ½" door made from 18 or 20 gauge sheet metal (galvanized preferred) or aluminum. Must have folded edges. Top folded edge must incorporate the ½" round bar to form a hinge. The door hangs near the top, and is prevented from opening out by the door stops. Door is opened by pushing in or flipping the box so the door lays flat against the roof.

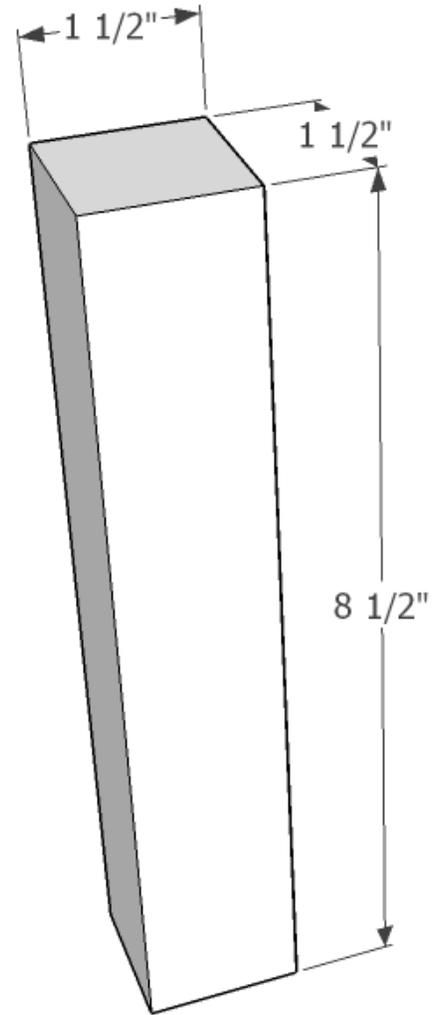
Part Diagrams:



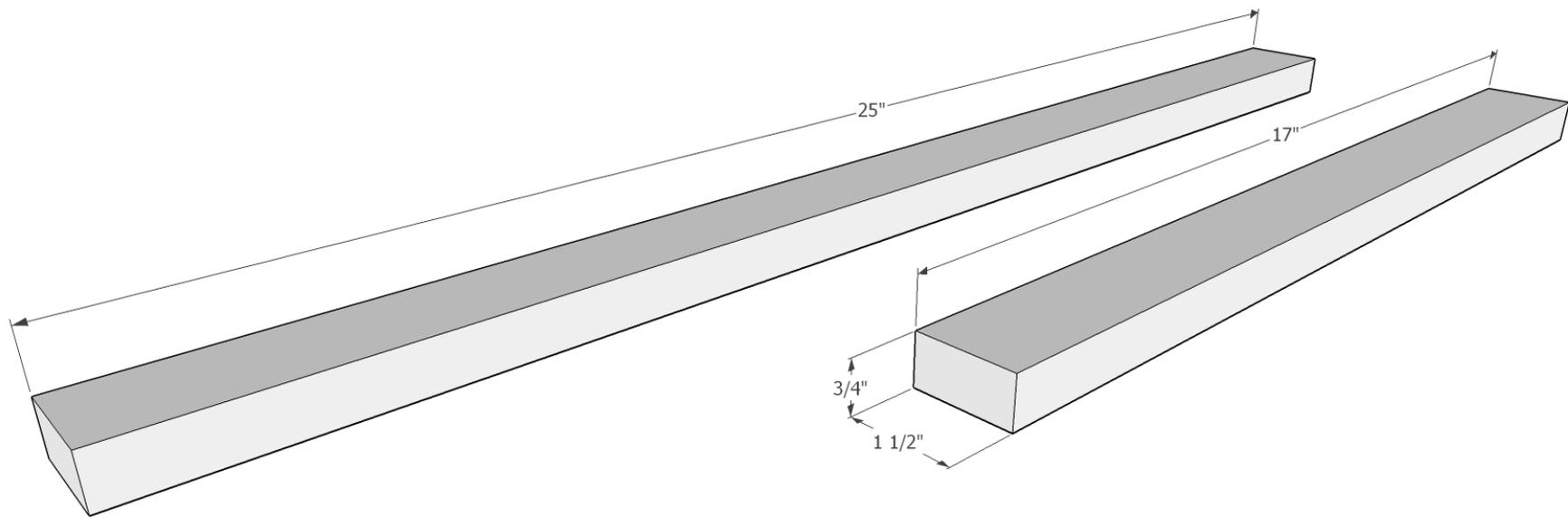
Front/Back Support: 4 per box. Note: 3/16" hole to accept door hinge only needs to be drilled on front supports.



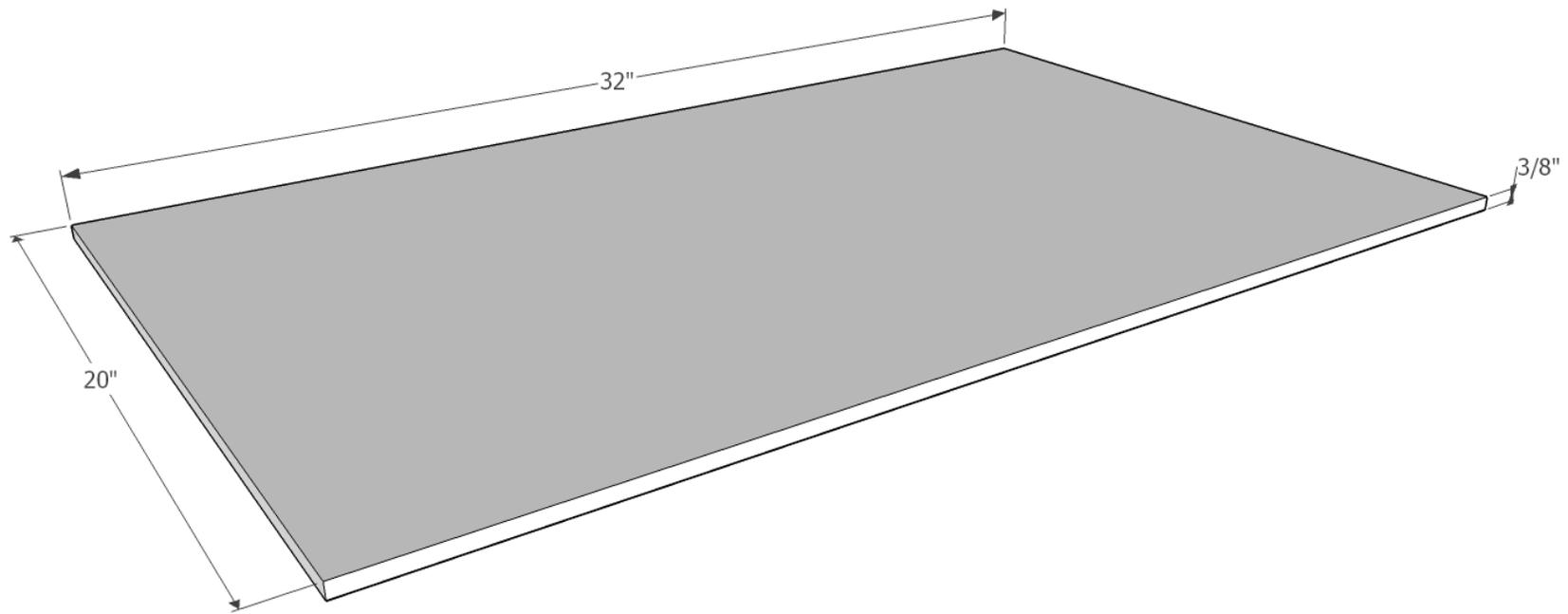
Door Stop: 2 per box.



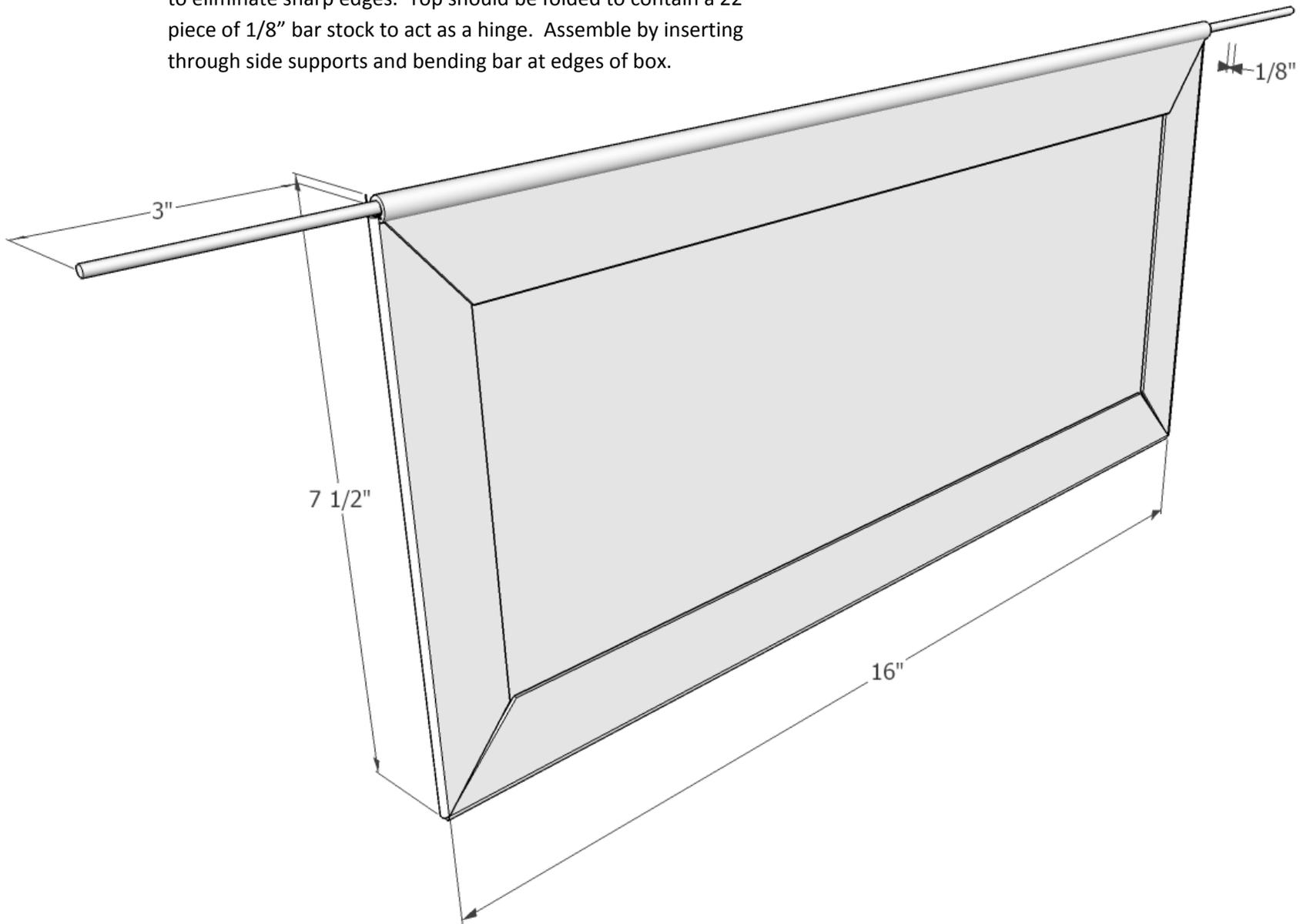
Side Rails: 4 -25", and 2 – 17" per box.



Top/Bottom: 2 per box. Must be $\frac{3}{8}$ inch plywood (**NOT** OSB or Particle Board)



Door: Made from 18 ga galvanized steel. Edges must be folded to eliminate sharp edges. Top should be folded to contain a 22" piece of 1/8" bar stock to act as a hinge. Assemble by inserting through side supports and bending bar at edges of box.





Assembly Instructions:

1. Cut Components
2. Attached door stops to front supports
3. Attach front supports to bottom sheet of $\frac{3}{8}$ " plywood using 2, 2 $\frac{1}{2}$ " screws for each support and door stop.
4. Attach rear supports to bottom sheet of $\frac{3}{8}$ " plywood using 2, 2 $\frac{1}{2}$ " screws for each support and door stop.
5. Attach top using 2, 2 $\frac{1}{2}$ " screws for each support.
6. Fit door hinge (with door attached) into holes in front supports.
7. Secure side rails to top and bottom cover using at least 22 evenly spaced $\frac{3}{4}$ " screws.
8. Wrap sides in 1x1" PVC coated welded wire and attach using $\frac{3}{4}$ " narrow crown staples.