



ProWood® Project Plan

OUTDOOR STORAGE BOX

Purchased Materials:

- (13) 2" x 2" x 8' ProWood® ground-contact rated lumber
- (9) 1" x 6" x 12' ProWood® ground-contact rated lumber
- (1) Box of #8 x 2" exterior wood screws
- (1) Box of #8 x 2-1/2" exterior wood screws
- (1) 48" Continuous Hinge

Optional:

- (1) 55 Gallon Tote (for weatherproofing)
- (1) 24" chain/rope (for box lid)
- Water sealer
- Exterior stain, black (for interior frame)

Basic Tools:

- Tape measure
- Carpenter's square
- Circular or table saw
- 3/16" drill bit (for pre-drilling)
- Power drill with screw driving bit

Optional:

- Impact driver
- Sander or sandpaper (for removing ink stamps on lumber)
- Pocket hole jig (for predrilling interior frame)
- Orbital sander, planer or table router (for beveled board edges)



If your wood project touches or comes near the ground, use pressure-treated lumber that is rated for ground contact to ensure long-term performance.

Cut Wood to Size

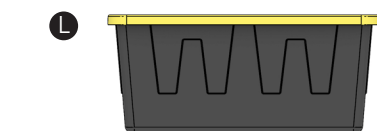
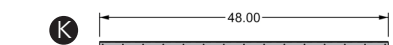
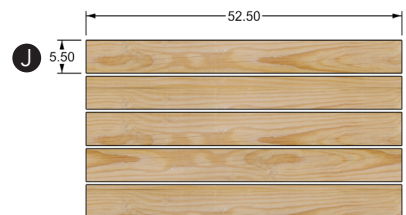
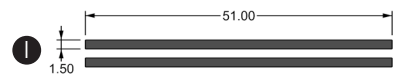
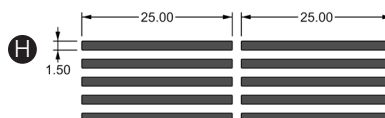
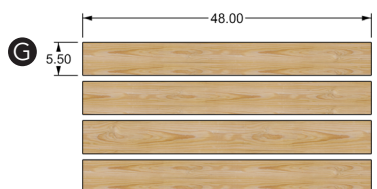
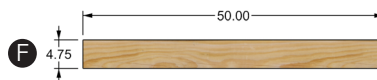
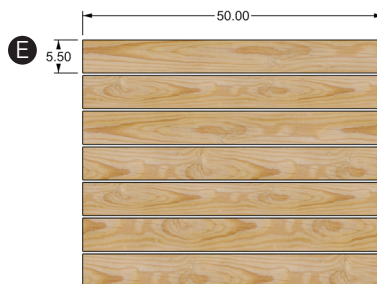
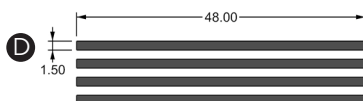
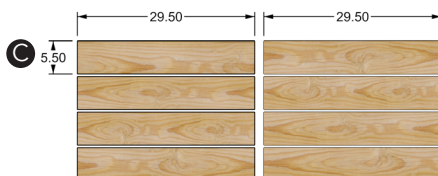
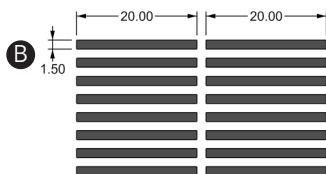
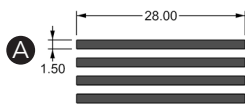
Caution: Always wear gloves, a dust mask and eye protection when sawing, sanding or machining wood. Always use a circular, miter saw or table saw on a clean, flat and level surface.

We recommend only cutting lumber for each sections as you assemble. To save on material, measure and cut previously cut lumber rather than continually cutting from a new board. Lumber has both nominal and actual dimensions, meaning your 2" x 2" post or 1" x 6" board may actually be a slightly different size.

General Assembly Tips

- Establish a screw pattern to enhance the overall look and feel of the final assembled product.
- Pre-drill all screw holes with a drill bit to ease screw insertion and prevent wood splitting.
- Countersink all screws so the head of a countersunk screw, when placed in the hole, will sit flush with the surface of the surrounding material.

ITEM NO.	NAME	QTY.	DESCRIPTION
A	Frame - Side Rails	4	1-1/2" x 1-1/2" x 28"
B	Frame - Vertical Support Rails	16	1-1/2" x 1-1/2" x 20"
C	Side Board	8	3/4" x 5-1/2" x 29-1/2"
D	Frame - Front/Back Top Rails	4	1-1/2" x 1-1/2" x 48"
E	Front/Back Board	7	3/4" x 5-1/2" x 50"
F	Hinge Detail Board	1	3/4" x 4-3/4" x 50"
G	Floor Board	4	3/4" x 5-1/2" x 48"
H	Frame - Cross Support Rails	10	1-1/2" x 1-1/2" x 25"
I	Frame - Top Outer Rails	2	1-1/2" x 1-1/2" x 51"
J	Top Board	5	3/4" x 5-1/2" x 52-1/2"
K	Continuous Hinge	1	Continuous Hinge - 48"
L	55 gal Tote	1	55 Gallon Tote
M	Fastener	-	Exterior Wood Screw - 2"
N	Fastener	-	Exterior Wood Screw 2-1/2"
O	Chain	1	24"



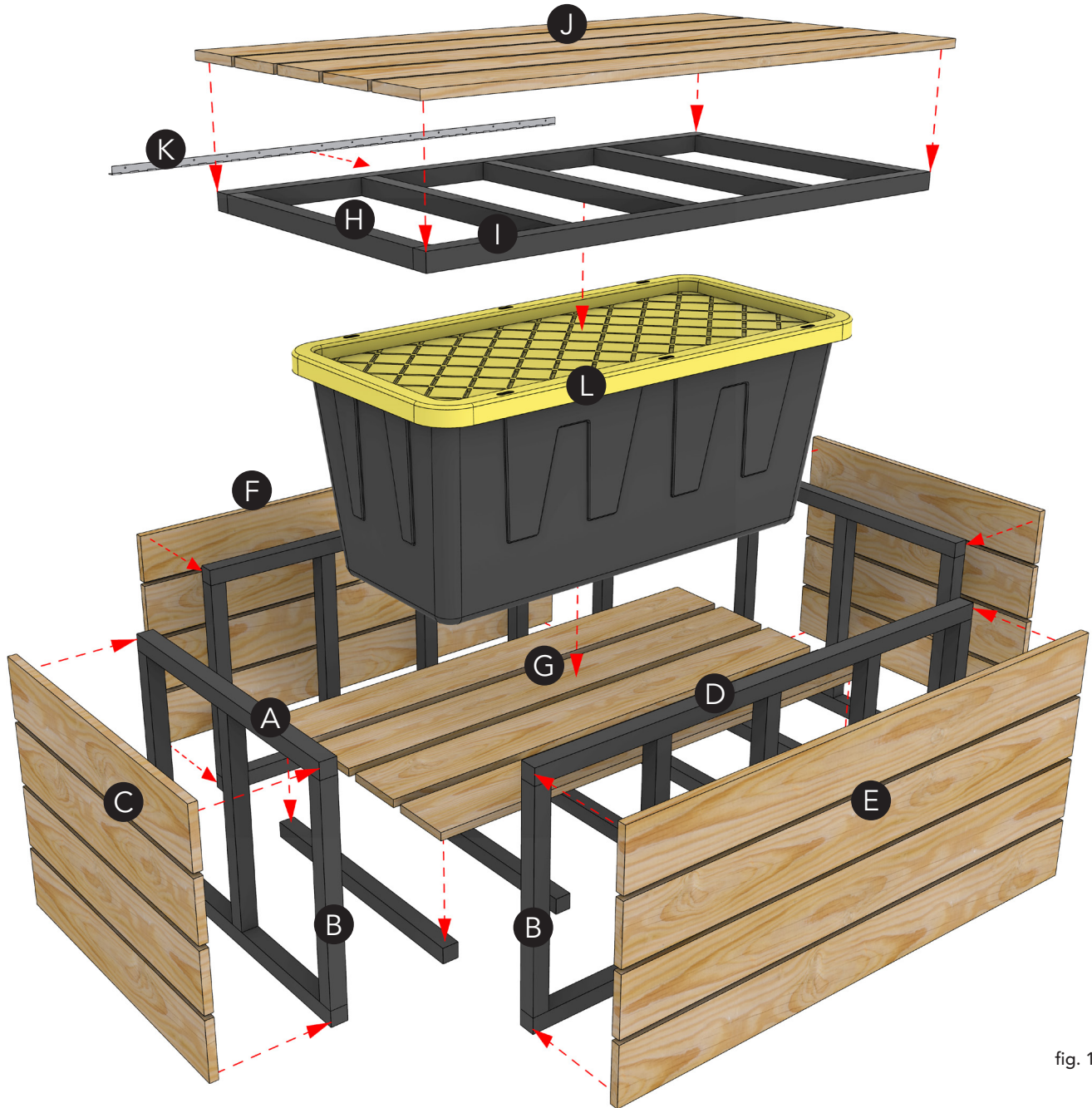
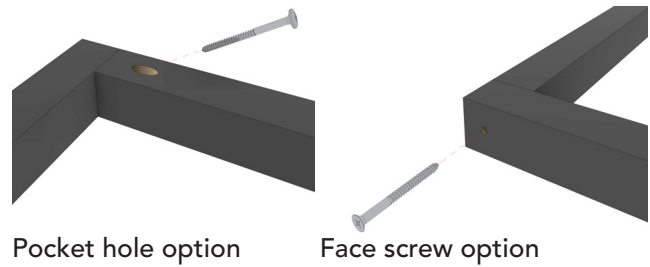


fig. 1

For detailed dimensions, refer to pages 9 and 10.

If desired, you may also stain your 2"x2" rails prior to installation for a clean look, both inside and out.

Optional fastener methods:



STEP 1

Assemble Box Sides
See fig. 2 and fig. 11

- Predrill and fasten the three (B) vertical support rails to the two (A) top rails using (M) fasteners.
- Space your top and bottom (C) boards with your bottom (C) board inset 1/2" and your top (C) board offset 3/4". Predrill the (A) top rails and (B) side rails and fasten the (C) boards using (M) fasteners.
- Equally space the inner (C) boards between the top and bottom boards and fasten with (M) fasteners.
- Repeat for the other box side.

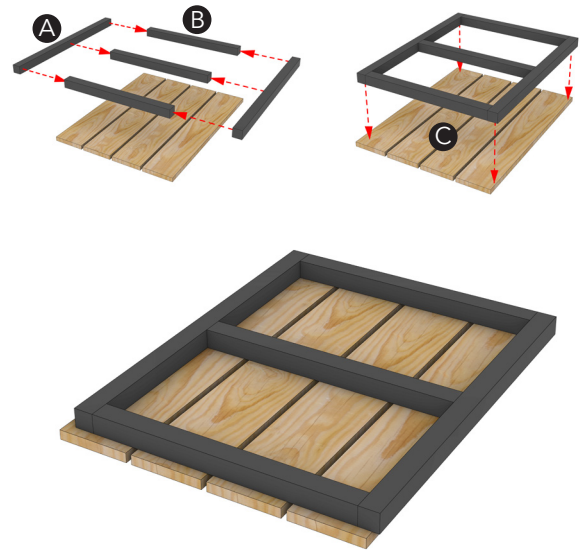


fig. 2

STEP 2

Assemble Box Front and Back
See fig. 3 and fig. 12

- Predrill and fasten the five (B) vertical support rails to the two (D) top rails using (M) fasteners.
- Space your top and bottom (E) boards, with your bottom (E) boards inset 1/2" and your top (E) boards offset 3/4". Predrill the (D) top rails and (B) vertical support rails and fasten the top and bottom (E) boards using (M) fasteners.
- Equally space the inner-two (E) boards between the top and bottom (E) board. Predrill the (B) rails and fasten using (M) fasteners.
- **Note:** When assembling box back, ensure top (F) board is flush with top (D) rail.

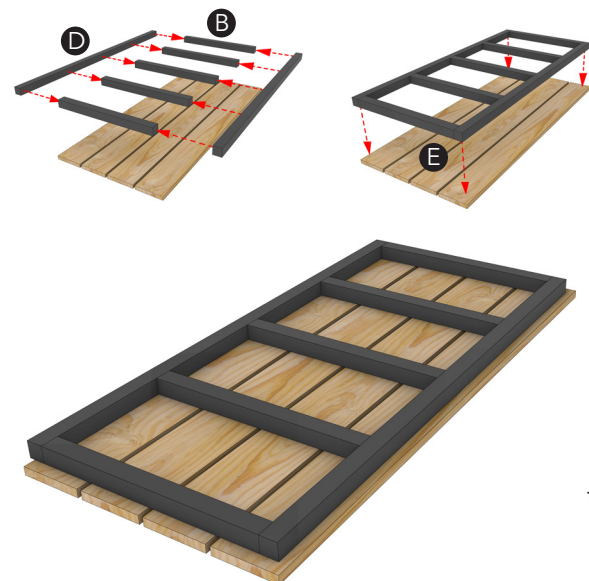


fig. 3

STEP 3

Fasten All Sides

See fig. 4

- Position the four assembled sides; the outer side of the front and back panel (B) vertical support rails should touch the front of the side (B) vertical support rails. Pre-drill and fasten the four sides using (N) fasteners.
- Using a carpenter's square, ensure all four sides meet at a 90° angle. Adjust as needed.

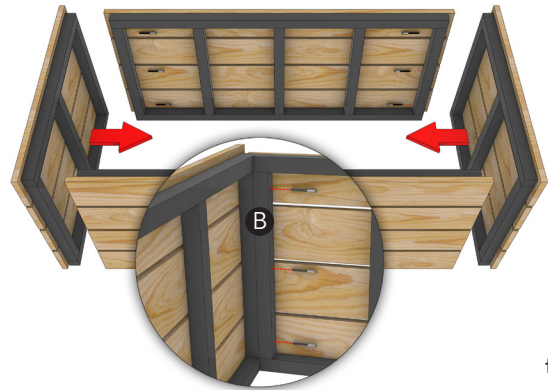


fig. 4

STEP 4

Install Bottom Cross-Support Rails

See fig. 5 and fig. 13

- Pre-drill the five (H) cross-support rails using a pocket hole jig. If a pocket hole jig is not available, pre-drill at a 45° angle.
- Position the (H) cross-support rails in between the two bottom (D) rails. Fasten using (M) fasteners.



fig. 5

STEP 5

Install Bottom Panels

See fig. 6 and fig. 13

- Evenly space each of the (G) floor boards on top of the (H) cross-support rails. Pre-drill and fasten each of the (G) floor boards using (M) fasteners.



fig. 7

STEP 6

Assemble Lid

See fig. 8 and fig. 14

- Predrill and fasten the (H) cross-support rails using to the (I) top outer rails using (M) fasteners.
- Place your two outer (J) boards 3/4" offset from the (I) top outer rails. Predrill your (I) rails and fasten using (M) fasteners.
- Equally space your three inner (J) boards in between the two fastened (J) boards. Predrill your (H) cross-support rails and fasten using (M) fasteners.
- Test fit assembled lid on top of assembled box. Make adjustments as needed.

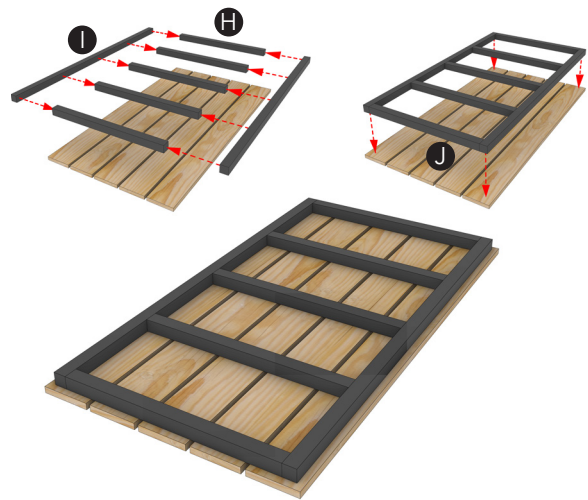


fig. 8

STEP 7

Attach Lid to Base

See fig. 9 and fig. 15

- Attach your (K) continuous hinge to your assembled lid using provided fasteners. Place and fasten to the box base.
- Attach the lid to the box using (K) continuous hinge.
- **Note:** When fastening (K) continuous hinge, ensure top (F) board is flush with top (D) rail.

Optional:

- You may add (O) chain from the box base to assembled lid with two (M) fasteners. Attach the chain from (A) frame side rail and corresponding (H) frame cross-support rail.
- Insert (L) 55 gallon tote into box. There should be ample room on all sides to accommodate for opening and closing the tote without removing it from the box.

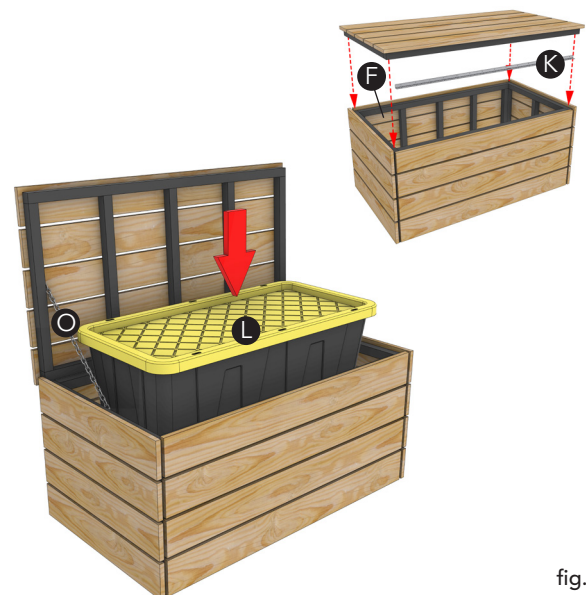


fig. 9

STEP 8

Cleanup and Disposal

See fig. 10 and fig. 16

- If desired, use a sander to remove any ink stamps from your lumber using sandpaper or a sander.
- Dispose of any unused lumber properly. Follow ProWood disposal guidelines.
- Apply a water sealer to your finished product once per year or as needed.



fig. 10

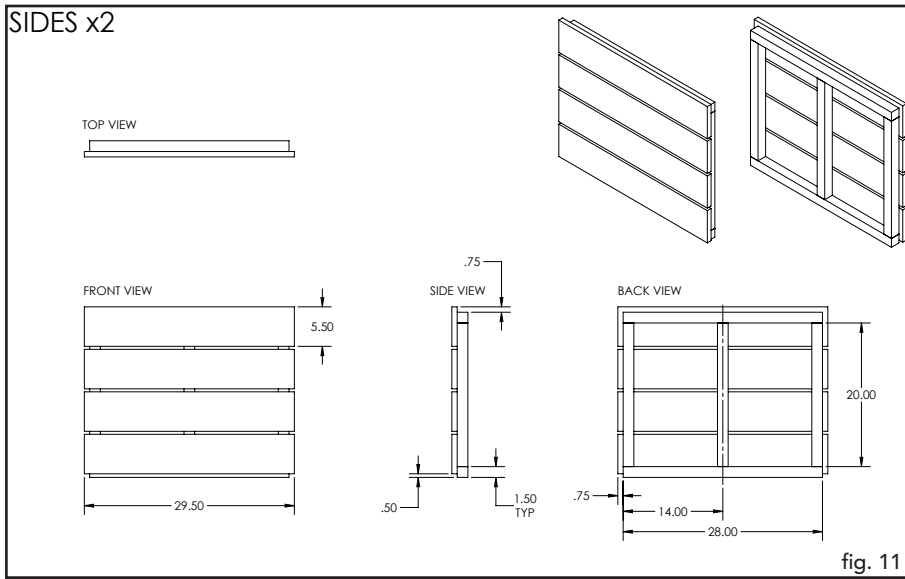


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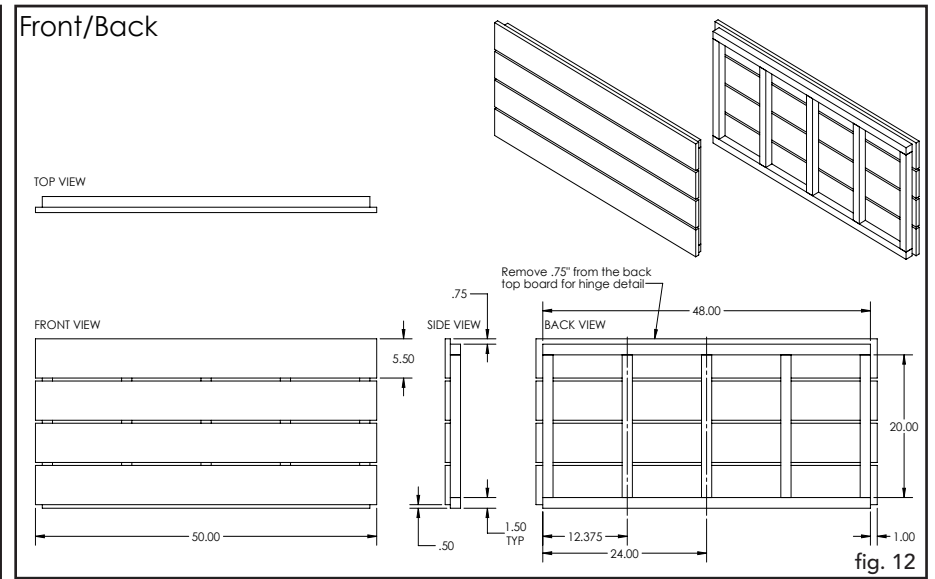
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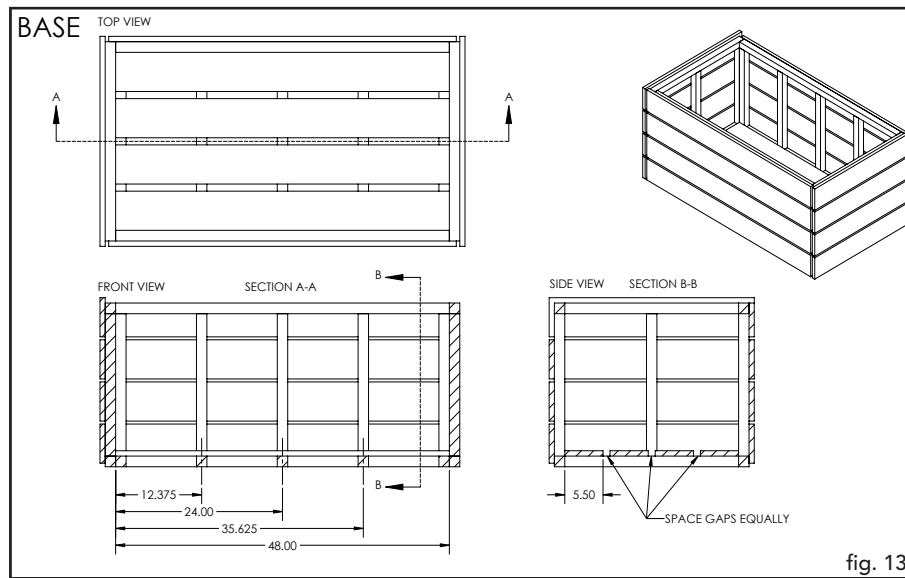
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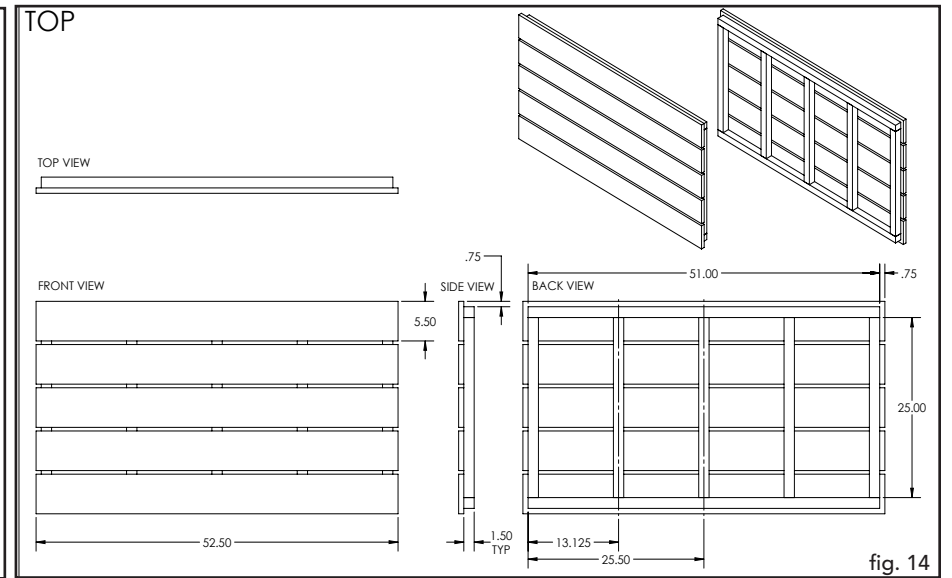
STEP 2



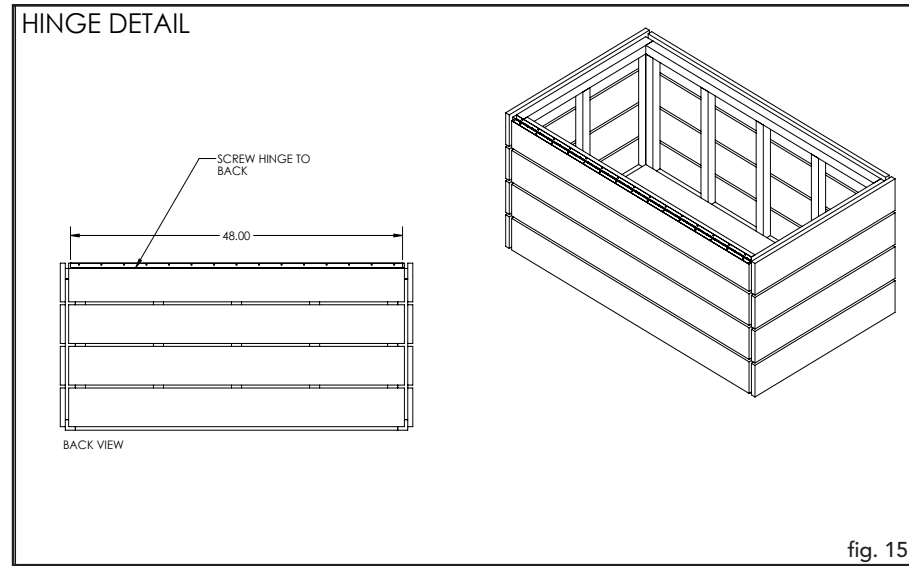
STEP 4 & 5



STEP 6



STEP 7



STEP 8

