

The Pokorny Compost Bin

Three stackable 3' x 3' x 1' bin sections that you can build for approximately \$45 in materials.
(only two of three bin sections shown in illustration)

Materials You Will Need:

- Five - 12' x 1" x 8" cedar
- One - 6' x 2" x 6" cedar
- One lb. - 2" deck screws
- A Table Saw would be very helpful

Material Preparation Instructions:

1. Cut the 1" x 8" into 20 pieces 3' long.
2. Take 6 of the 3' - 1" x 8" and cut them lengthwise down the middle. This will give you 12 pieces, 3' long and approximately 3-3/4" wide (see illustration D).
3. Take 12 of the 3' - 1" x 8" and cut each of them lengthwise into four roughly equal widths of approximately 1 1/4". This will give you 48 pieces approx. 3' - 1" x 1 3/4" (see illustration E).
4. Take the 6' - 2" x 8" and cut it lengthwise to produce two, six foot long 2" x 2". Cut these 2" x 2" into one foot long pieces to produce 12, one foot long pieces of 2" x 2". These will be the corner pieces of the bins.
5. On each of these 12 one foot long corner 2" x 2"s cut a notch on two adjoining sides on one end only of the board (see illustration B). The notch should be approximately 1/4" deep and begin 3/4" from the end of the board. When assembled, this notched end will protrude above the sides of the bin and allow for a little slack when bins are stacked on top of each other.

Assembly Instructions on back side.

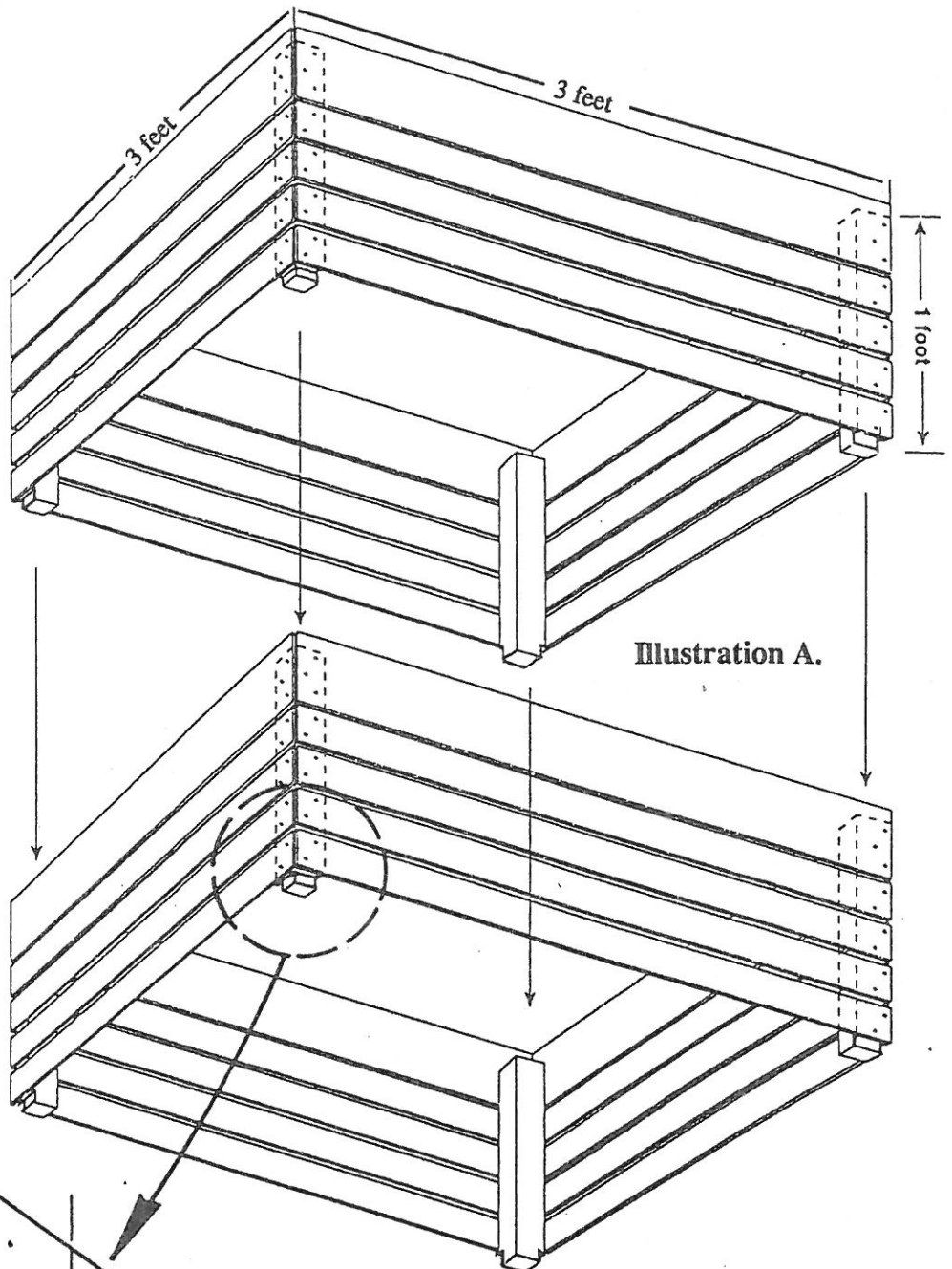


Illustration A.

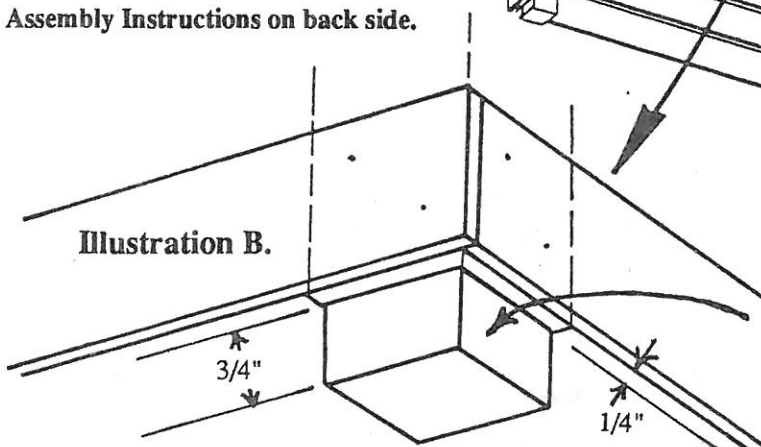


Illustration B.

cut 1/4" deep by 3/4" notch on the bottom, outside corners of the 2 x 2

Assembly Instructions:

6. Take two 2" x 2" and lay them on a flat surface approximately 3' apart and parallel to each other. Make sure the notched ends face toward you, with the notched sides facing up and out, as in *illustration C*. Place one of the 3' - 1" x 3 3/4" pieces across the top of the 2" x 2"s. Place it so that it extends 3/4" above the top of the 2" x 2" and at right angles to the 2" x 2"s. Attach with screws. Be sure the screws are placed diagonally from each other, as in *illustration B*, so they will not run into each other when the two sides are assembled.
7. Place one of the 1" x 1 3/4" pieces across the bottom of the 2" x 2". Place it so that the 1" x 1 3/4" piece's bottom side is flush with the beginning of the 3/4" x 1/4" notch on the 2" x 2". Attach with screws placed diagonally.
8. Place three additional 1" x 1 3/4" pieces on the 2" x 2" in between the top and bottom boards. Space them roughly equal distance apart. Attach with screws diagonally placed.
9. Repeat steps 6 through 8 to produce another bin side.
10. Take the two completed bin sides (front and back) and attach them together by attaching similar sized 1" x 3 3/4" and 1" x 1 3/4" boards on the 2" x 2"s to make the other two sides of the bin (*see illustration A*). Be sure the screws are placed as in *Illustration B*, so they will not run into the screws from the other side when the two sides are assembled.
11. Repeat steps 6 through 10 twice to produce the other two bin sections.
12. These three sections can be stacked together to form a compost bin 3' x 3' x 3' (*see illustration A*). To turn the compost you just take off the top section and place it beside the existing compost pile and move the materials for the existing pile to the new one - moving the second section to the new pile as it is emptied.

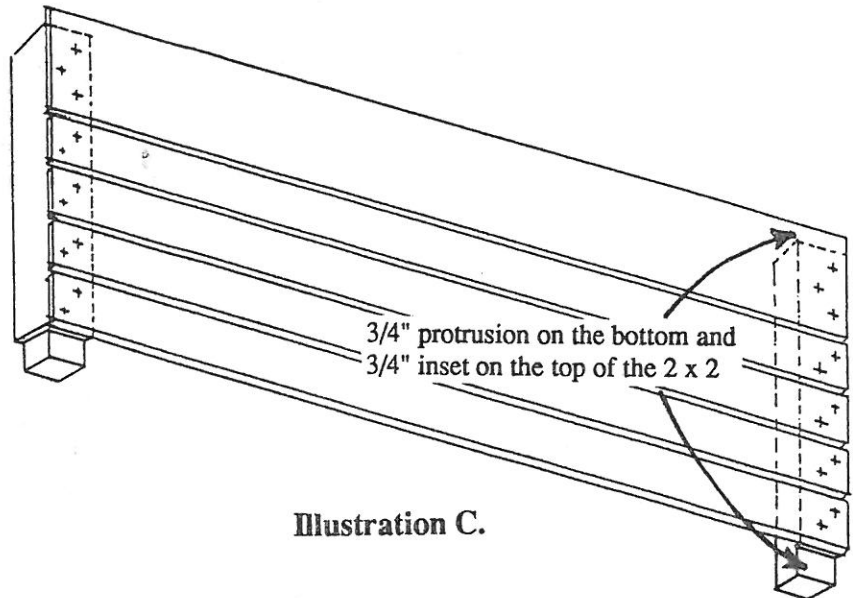


Illustration C.

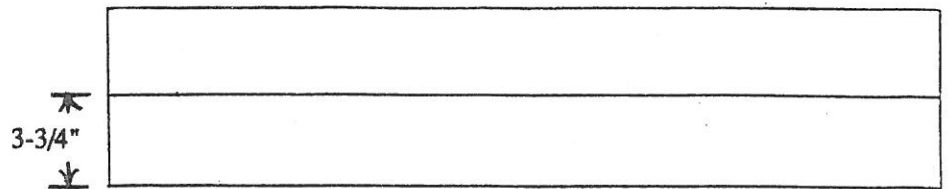


Illustration D.

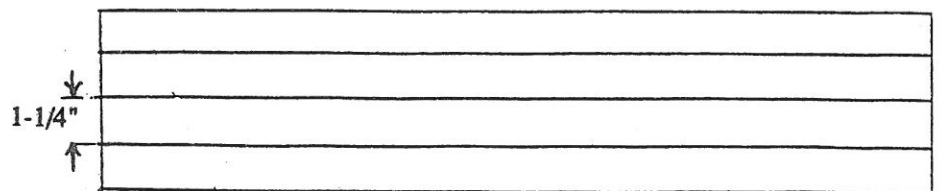


Illustration E.

A 4' x 4' by 3 foot high three section compost bin can be constructed by just increasing the dimensions accordingly.