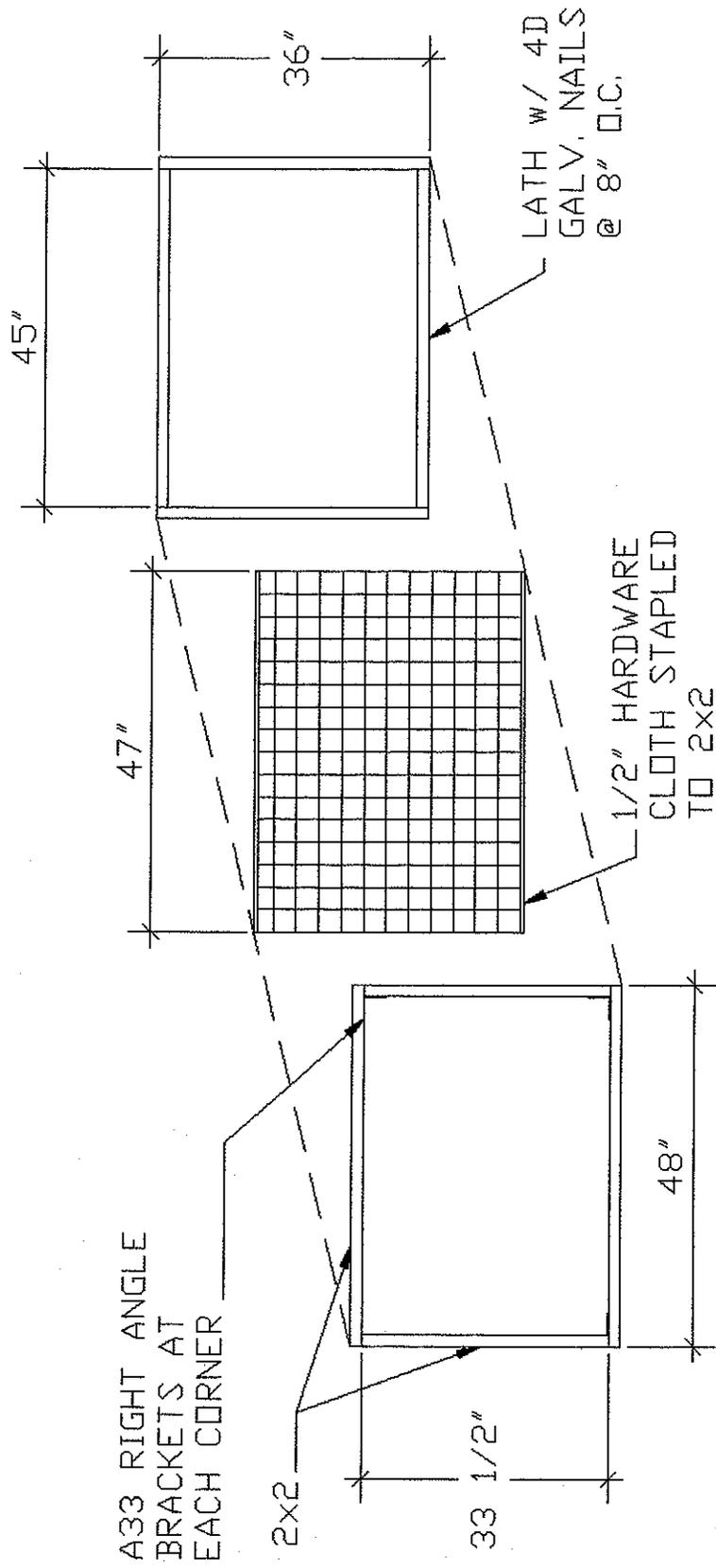
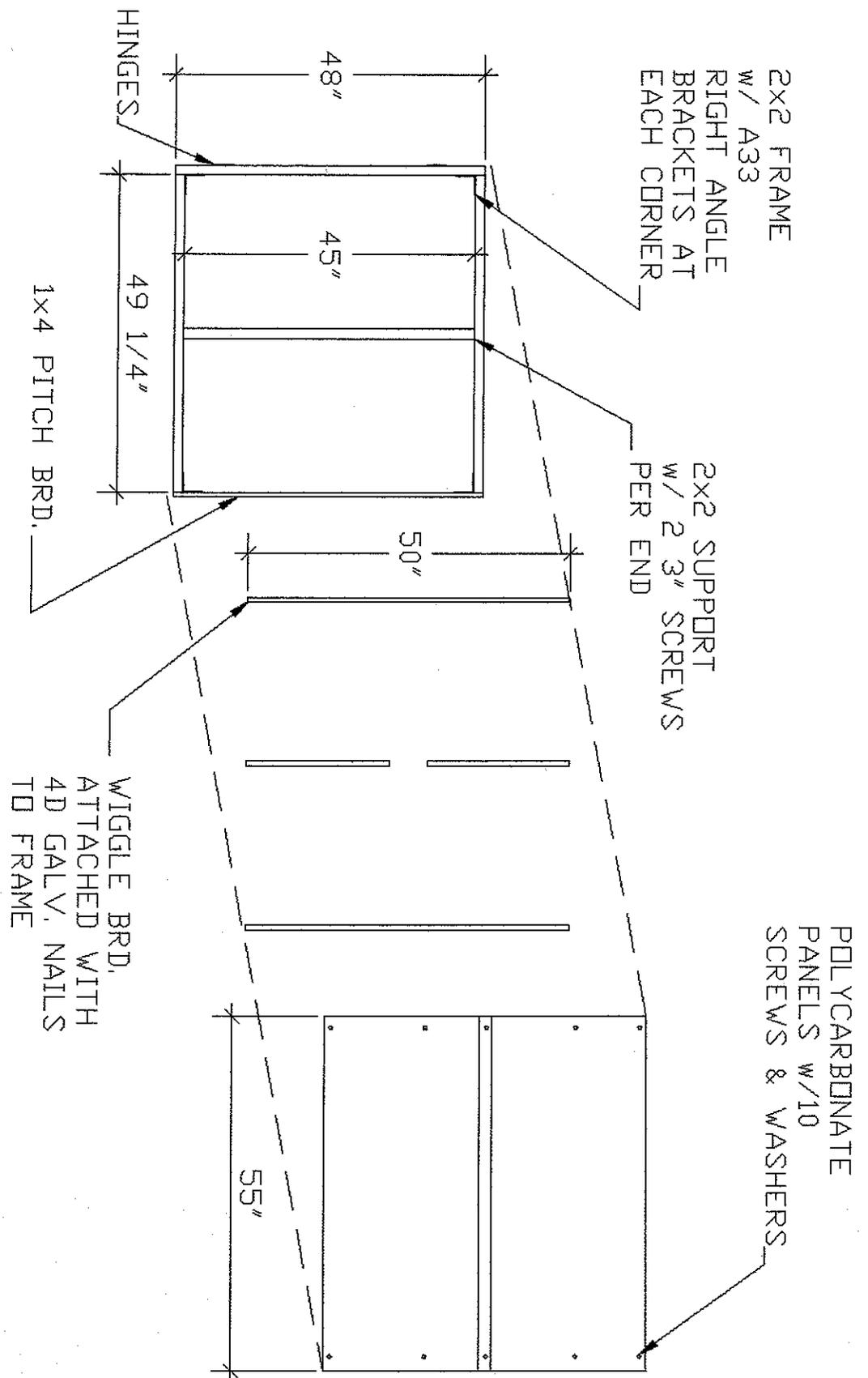


ONE BIN COMPOST SYSTEM

ONLY FRAME SHOWN FOR CLARITY



BIN PANEL PLAN



TOP PLAN

ONE BIN COMPOST SYSTEM MATERIAL LIST

Qt.	Length	Disc.	Material	Use
1	10'	2x4	Cedar	Foundation
(1	10'	2x4	Cedar	Optional 2nd Fdn.)
11	8'	2x2	Fir	Panels
1	48"	1x4	Fir	Pitch board
16	4'	1/4"	Lath	Panels
2	6'		Wiggle Board	Top
	28' x 3' high	1/2"	Hardware cloth	Panels
1	12'x 26"		Suntuf Polycarbonate	Top
20	A33		Simpson brackets	Panels
4	#12		Screw Eye	Top support
6	2 1/2"		Loose Pin Hinges	Panels & Top
(4	Snap swivel		leash hooks	Top support Optional)
4	3" x 8		Galvanized deck screws	Top Center support
10	1 1/2"x 8		screws w/rubber washes	Top
2 lbs.	1" x 8		Galvanized deck screws	Panels
8	3/4"x 8		Galvanized deck screws	Pitch board
1 lbs.	4 D		Galvanized nails	Panels
	1/2"		Staples	Panels
	12'	1/4"	Diameter rope	Top support
4	1/2"		Fence staples (optional)	Top support

TOOL NEEDED

Hammer	Drill w/ bits
Saw	Philip head screw driver
Level	Staple gun w/ 1/2" staples
Wire cutters	1/4" wrench or socket
Pencil	Safety glasses
Square	Permanent marker
Gloves for cutting wire	Ear protection if using power saw

ONE BIN COMPOST SYSTEM DIRECTIONS

Please read all directions and look over plans before starting.

Foundation see Sheet 1

1. Cut two 52" pieces from the 10' cedar 2x4.
(If storage space is available it is suggested that a second set of cedar 2x4's be cut
This will make a second foundation available for turning the compost pile.)

Bin Panel see Sheet 2

2. Cut two pieces, one 48" and one 33 1/2", from each of eight 8'-2x2.
3. Assemble four bin panels using the A33 right angle brackets on the inside corners using 1" screws in pre drilled holes.
4. Cut 8 laths to 36"
5. Cut 8 laths to 45"
6. Cut four pieces of hardware cloth 47"x36"
7. Assemble 4 bin panels by stapling hardware cloth to the 2x2 frames with 1/2" staples. Then attach the lath with 4d nails spaced about 8" on center. Pre drill the lath to prevent splitting.

Top Panel see Sheet 3

8. Cut two pieces, one 48" and one 45" from one 8'-2x2.
9. Cut one 49 1/4" piece from each of two 8'-2x2.
10. Cut 1x4 to 48"
11. Assemble top panel frames using A33 right angle brackets on inside corners using 1" screws in 2x2 and 3/4" screws in 1x4.
12. Square top.
13. Pre drill holes for center support in center of the 49 1/4" sides.
14. Attach center support with two 3" screws per end of support.
15. Attach two hinges on 48" 2x2 six inches from edges.
16. Drill holes for screw eyes on each of the 49 1/4" 2x2's, 16" from 1x4 pitch board.
(see sheet 1)
17. Screw in #12 screw eye one on each side.
18. Lay 6' wiggle board on frame ends (48" long 2x2 and 1x4)
19. Cut 12' polycarbonate into two pieces 55" long.
20. Lay polycarbonate panels over wiggle boards overlapping the sheets and position so that the polycarbonate panels extend over the 1x4 pitch board by 2" and the sides by 1" with the remainder extending over the hinges.
21. Mark were to cut the wiggle boards at the edges of the polycarbonate panel.
22. Remove polycarbonate sheets and cut wiggle board.
23. Reposition wiggle boards with scrap pieces placed on center support.
24. Recheck frame to see if it is square.
25. Lay polycarbonate sheets back on frame as in step 20. Adjust center support wiggle boards as needed.

26. Remove polycarbonate sheets and attach wiggle boards to frame with three 4d nails in predrill holes in 48" boards and two 4d nails in predrilled holes in each of the center support wiggle boards.
27. Position polycarbonate sheets on frame as in step 20. Pre drill five holes in end.
28. Attach polycarbonate sheets with #8 x 1 1/2" screws with rubber washers.

System Assembly Sheet 1

29. Stand two bin panels at right angles with 48" side up and hardware cloth on the outside. Clamp or have helper hold the panels.
30. Position one set of hinges 6" from the top and bottom. Pre drill holes and attach with 1" long screws.
31. Attach third and fourth panels to the first two panels following steps 29 and 30.
32. Position top on four sided bin with wooden top frame edges in alignment with the edges of the bin sides.
33. Pre drill holes for hinges and attach with 1" screws.
34. Pre drill holes in top bin frame for screw eyes about 16" from front and screw in screw eyes.
35. Attach 1/4" diameter rope to optional swivel clips or tie with knots to screw eyes at desired opening to support the top. Be sure the top slopes back at enough angle so that the top will not fall down on you as you add material to the compost pile.
36. Using the permanent marker, label the hinges for easier reassembly.
37. Level foundation 2x4s in desired location for the compost pile.
38. Disassemble the system by removing the rope supports and removing the hinge pins.
39. Reassemble on the foundation 2x4s

General Notes

- All screws and nails are to be galvanized.
- Hardware numbers are for Simpson products.
- If the system is to be painted, paint all parts after they are cut and before they are assembled.
- Check to see if the lumber yard or home center will cut the 12' polycarbonate sheet into two 55" long sheets. It will be much easier to transport.