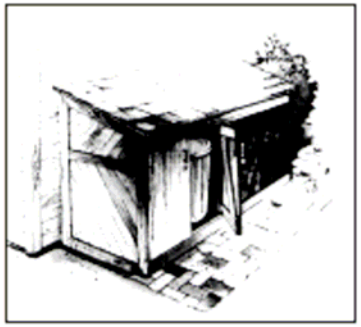
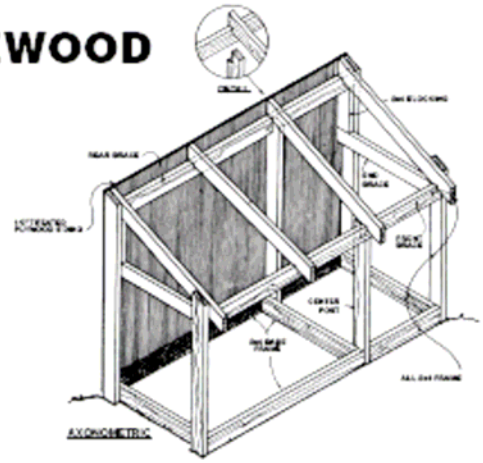
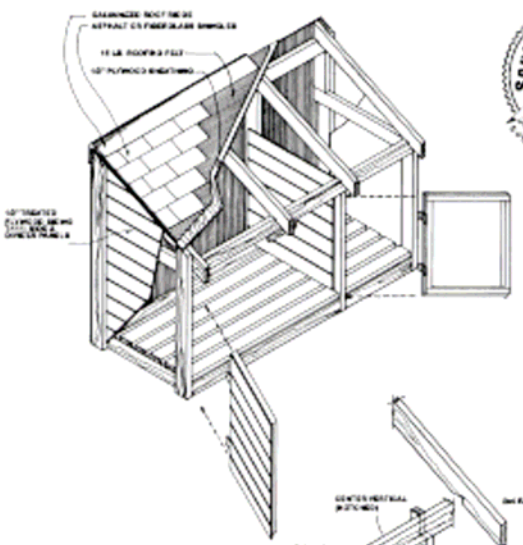
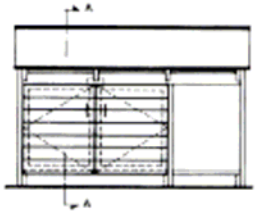
TRASH CAN & FIREWOOD STORAGE UNIT

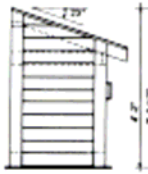




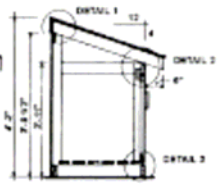




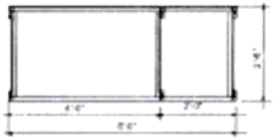
FRONT ELEVATION



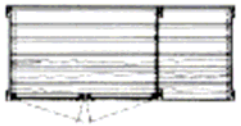
SIDE ELEVATION



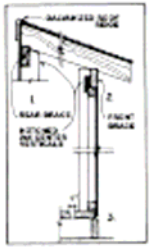
SECTION A-A



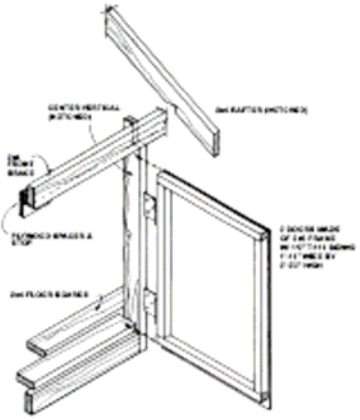
BASIC STRUCTURE



PLAN



DETAIL 3



DETAIL 2

Taking out the trash and shopping firewood can be more chore or can really enjoy. And more people don't mind the sight of trash cans and firewood in the open of their backyard landscape. For environmental Southern Pine offers an answer to both concerns. Using our basic a trash storage unit to organize the weekly trash and conceal the trash containers. This project plan will show you how.

This plan was designed to hold two 32 gallon containers. You can easily alter the dimensions of this unit to fit a container, a bigger or more than one or to handle larger or more trash containers.

TOOLS REQUIRED

- Circular saw or miter saw
- Hammer
- Tape measure
- Level
- Screwdriver
- Carpenter's rule or tape

MATERIALS LIST

To build this storage unit, you will need the following quantities of CCA pressure treated Southern Pine lumber:

NUMBER OF PIECES	MATERIAL	LENGTH	PRESSURE TREATED (YES/NO)
2	2x4	8'	NO
6	2x4	12'	NO
1	2x4	10'	YES
1	2x4	12'	YES
1	2x2	8'	YES

Plus:
- 2 sheets, 4'x8', pressure treated plywood siding, panels T-111, 1/2" thick.

OTHER MATERIALS NEEDED

- 4d, 10d galvanized pressure treated or stainless steel nails
- Two pairs of 3" galvanized hinges, weight capacity
- Door handles and closure hardware (hook & loop, or your choice)
- Construction adhesive for pressure treated wood
- Waterproofing sealer
- Roofing material (see step 10, right)
- One sheet, 4'x8', decking plywood, 1/2" thick
- Roofing felt
- A piece of plywood or shingles
- Roofing nail
- Galvanized roof edge, 6' long

CONSTRUCTION STEPS

1. Prepare the following 2x4 pieces you will need:
   - Four, cut 5' 2x4 into 2 lengths, frame support, each 2'10" long.
   - Four, cut other 12' 2x4, (48 pieces), use the remaining lumber frame members, cut 2 pieces 2'10" long and 2 pieces 2'3" long.
   - Four, another 12' 2x4 (48 pieces), use the 2 more as corner posts, each 6'1" long, plus 1 frame corner post 5'3" long. Refer to plan for proof of dimensions. 2x4 wall or roof 2'10" long, or pieces. Needs also, cut for corner or center 2x4 frame. Refer to plan. Also, another other frame corner post 5'3" long.
   - Four, also angle 12' 2x4 around to a 25 measure level, use the frame and corner support 10'3" long.
   - Four, cut of the two 10' 2x4, corners rafter 2'4" long and use roof frame 2'10" long. Refer to plan for roof slope and notching required in rafter rafters.
2. Build the 2x4 frame according to the plan. Using 10d nails and construction adhesive, assemble frame, frame, wall corners and corner posts. Check to be sure frame corners are level and square.
3. Locate position of roof frame and nailed to corner posts using 10d nails. Raise end of frame should be flush with rear corner post. Refer to plan.
4. Install 2x4 top support blocks and nail, fitting them on the rear half corner posts. Nail to corner post. Toe nail to corner posts. Brace and frame support on frame. Use 10d nails and construction adhesive. Check again for level and square.
5. Attach corner posts, use scrap 2x4 material to add blocking between roof frame and top support. Attach to corner posts using 10d nail.
6. Toe nail rafters into place, overhanging them, same space of top support. Use 10d nails and construction adhesive. End rafter can also be attached to corner post. Refer to plan.
7. Cut a panel of the second plywood siding to 4'x8'x1/2". Attach to rear corner and corner posts using 6d nails and construction adhesive. Tape of plywood panel and place shim if needed.
8. Cut the floor deck boards from the deck decking consisting 12 2x6s (48 pcs). Nail the floor panel to frame to support of the central corner posts. Position floor deck members 1 square, refer to plan. Space frame members 32" for door. Attach floor deck to frame. Use scrap 10d nails and construction adhesive.
9. Cut second siding panels to the sides. Position, also frame, on corner posts and flush with frame, frame and rear rafter. Attach to frame and rafters using 6d nail and construction adhesive.
10. Also frame the second siding, cut a square panel 2'4" on a side to make the siding panel. Attach to corner post using 6d nails and construction adhesive.
11. Build the two doors. Cut two plywood panels, each measuring 2'10" wide by 2'3" high. Using 6d nails and construction adhesive, attach 2x2 frame to inside of panel. Frame is flush with plywood edges on three sides, allow siding to extend 2" on frame on other door side.
12. Attach doors to posts with galvanized hose hinges. Door siding panel and frame of same should be flush when doors are closed. Add door closure of door handle and closure hardware. Refer to details on plan. Reinforce door top using scrap plywood siding, attach to door top support with 6d nail and construction adhesive.
13. Install the roof. Attach 10" sheathing plywood roof rafters using 6d nail and construction adhesive. The panel should cover rafter area evenly of the corner post and rafter. Cover with roofing felt, also, your choice of shingles, use roofing nails. Attach gabled metal roof edge on side over corners and corner posts using 6d nails.
14. Construction is complete. Apply a coat of pressure treated sealer to all exterior surfaces and to the floor deck.

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Trash Can & Firewood Storage Unit

Project Plan #663 Sheet 1 of 1

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