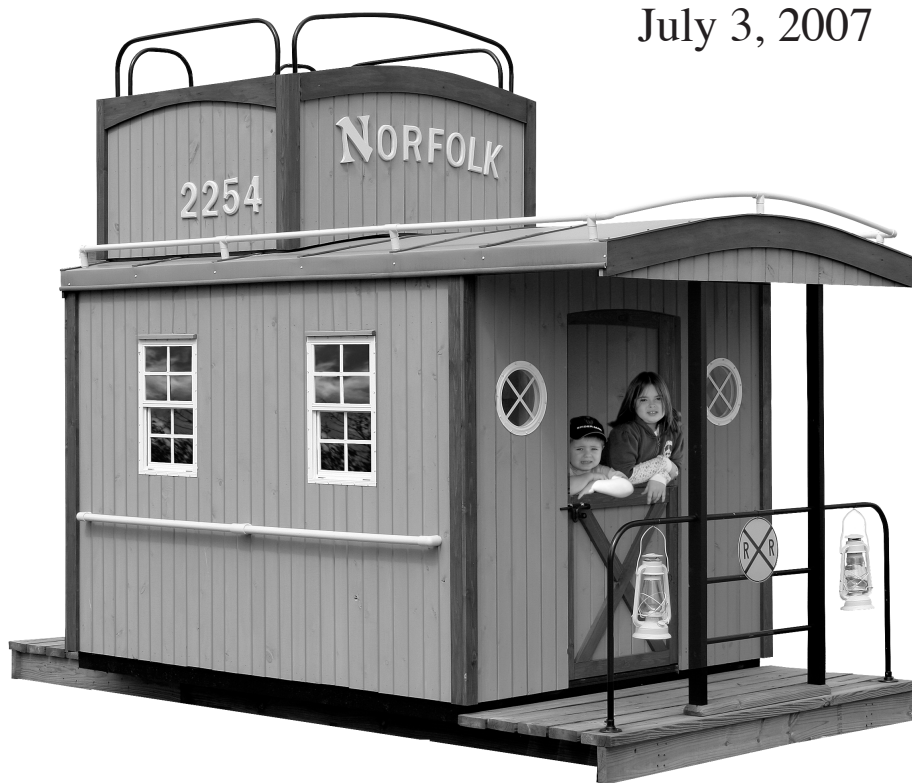


EZ ^{up} SHEDS

July 3, 2007



Casey's Caboose

6' x 7'-6"

Manufactured by Reynolds Building Systems, Inc.

205 Arlington Drive

Greenville, PA 16125

724-646-3775

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READ ME FIRST

Thank you for purchasing our Casey's Caboose playhouse kit. To the best of our ability we have provided a playhouse your children will enjoy. Kids like to climb and we incorporated this feature in our design. Not all kids are good climbers and in the beginning they need adult supervision. We recommend children be at least 5 years old before using the ladder. However, you should use your good judgement to determine, if and when your child is ready for using the ladder.

Do Not discard any material, *no matter how small*, until your building is complete.

Our component kit does not include the treated base the caboose will rest on. The breakdown of the material is listed below.

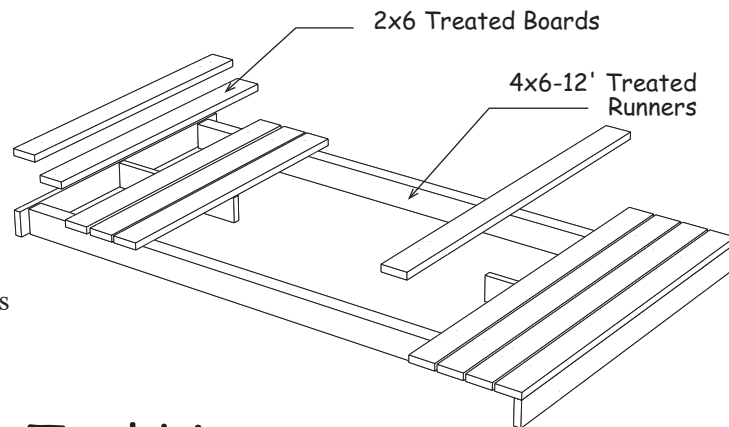
The floor and the walls are pre-built for E-Z assembly. However, if your building is not assembled level and square, you may have to trim some trim boards. Start with a level floor. Use a level to plumb the walls.

If you encounter any problems while erecting your building, call our customer service department at 800-245-1577. If you run into a problem you cannot resolve, my home phone is 724-588-9146, eastern time. Before you begin construction, be sure to study this assembly manual. Obtain a building permit, if necessary, and check all pertinent building code regulations.

Good luck with your project.

Bill Rinella, President

- Treated Base Material***
- 2 ea. 4x6-12' Treated Runners
 - 6 ea. 2x6-12' Treated Boards
 - 2 lb. 16d Galv. Deck Nails



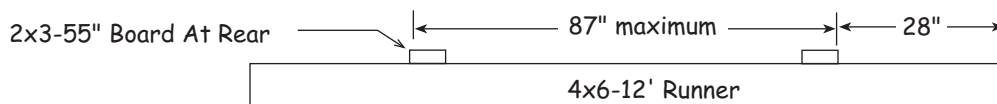
Tool List

- | | |
|--|--|
| <input type="checkbox"/> Hammer & Phillips Screwdriver | <input type="checkbox"/> Drill with 1/8" drill bit |
| <input type="checkbox"/> Framing Square & Level | <input type="checkbox"/> Measuring Tape |
| <input type="checkbox"/> Hand Saw | <input type="checkbox"/> 2-6' Step Ladders |
| <input type="checkbox"/> Caulking Gun | |

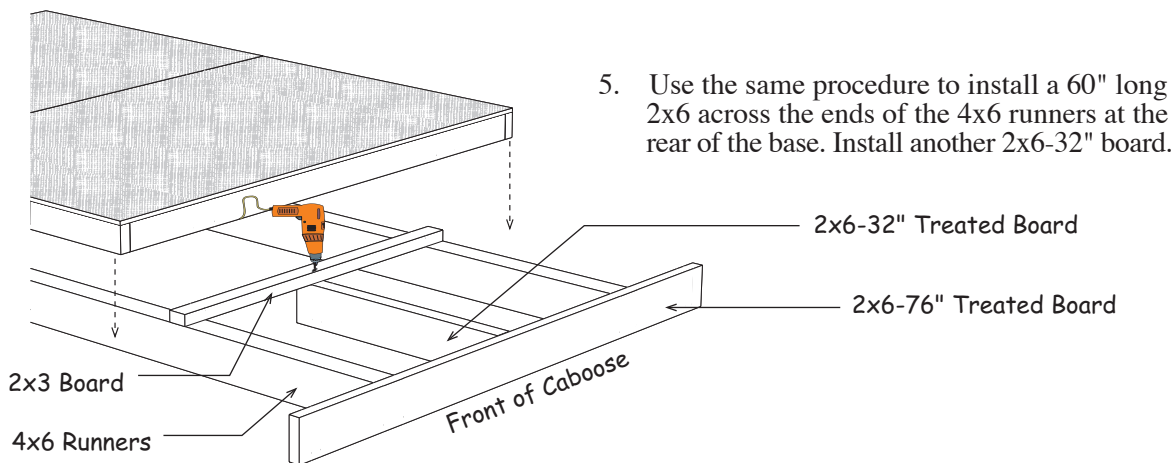
Always wear safety glasses when cutting or nailing!

Step 1 Assemble Treated Base

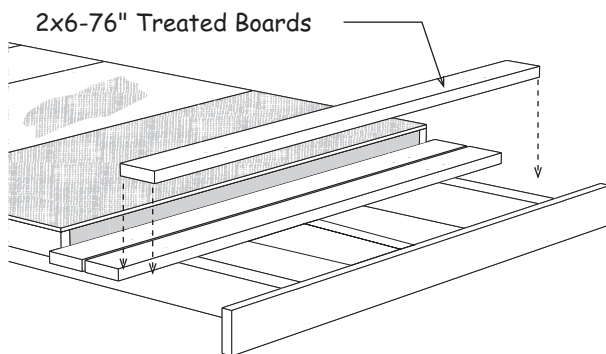
1. Place 4x6-12' treated runners on the ground, with a 48" space between them. Screw 2x3-55" boards across the tops of the 4x6's, *see below*. Use 3" wood screws. Install one of the 2x3 boards 28" from the front of the runners.
2. Screw another 2x3 board across the 4x6s at the rear. Space the rear 2x3 board 87" from the front 2x3. This measurement is critical as the floor will need to fit over the 2x3 boards.



3. Cut (6) six 2x6-12' treated boards into (6) six boards 76" in length and (6) six boards 60" long.
4. Install one of the 76" long boards across the ends of the 4x6 runners using 16d galv. nails. Install a 2x6-32" treated board, *from our kit*, to the backside of the 2x6 using 16d galv. nails. Secure the other end to the 2x3 board using (2) two 3" wood screws.



5. Use the same procedure to install a 60" long 2x6 across the ends of the 4x6 runners at the rear of the base. Install another 2x6-32" board.

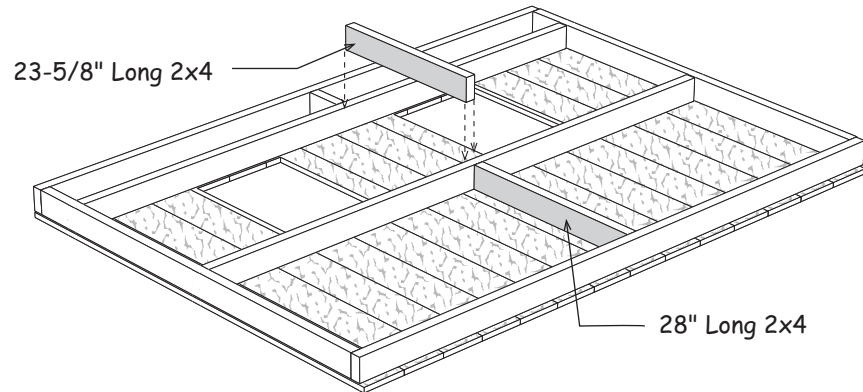


6. Center floor over the 4x6 runners and screw the front and rear of the floor to the 2x3 boards. Use 3" wood screws.

7. Install (5) five 76" boards across the top of the 4x6 runners. Install the first 2x6 board 1/2" from the floor. Use 16d galv. nails.
8. Install (5) five 60" boards across the top of the 4x6 runners at the opposite end.

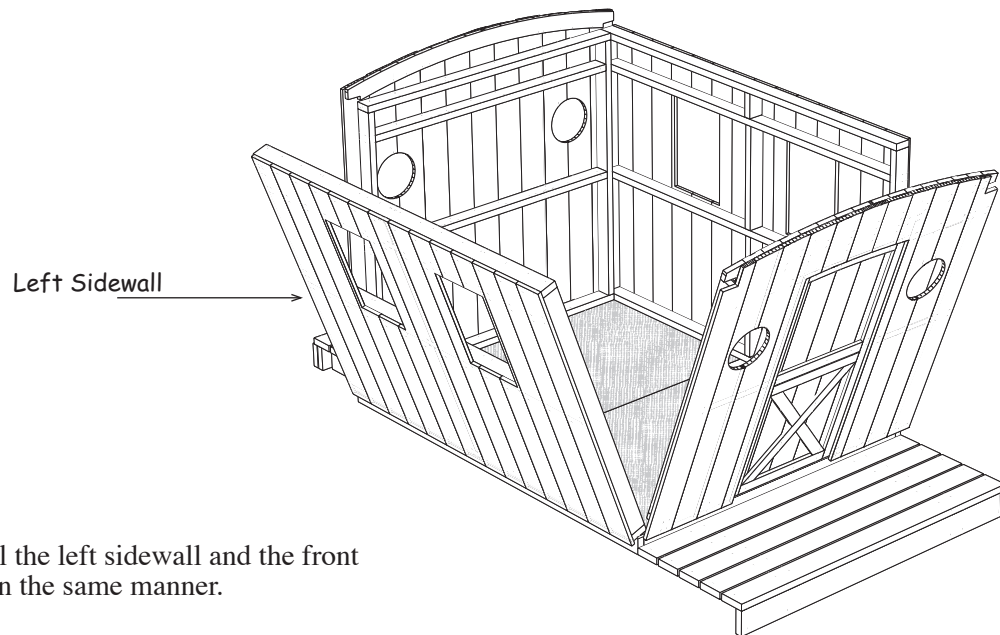
Step 2 Install Purlin Supports

1. The studs for the sidewalls were shipped loose. Install a 28" long 2x4 between the center purlin and bottom plate. Use 10d sinkers.
2. Install a 23-5/8" long 2x4 between the center purlin and upper wall purlin.
3. Repeat process for the other sidewall panel.



Step 3 Set Walls

1. Set the right sidewall and back wall on the floor. The back wall will butt against the sidewall. Nail the bottom plates to the floor with 10d sinkers. Nail the wall together with 10d sinkers.

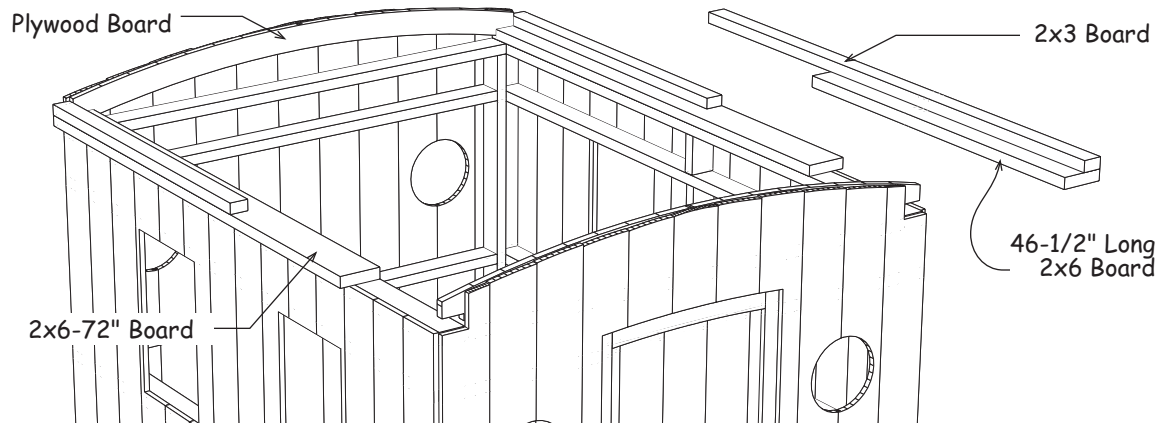


2. Install the left sidewall and the front wall in the same manner.

Step 4 Install 2x6 Tie Plates

1. Locate a 2x6-72" board with a 2x3 board attached to it. Install this board on the left sidewall, flush with the inside of the wall panel. The 2x3 board extends past the end of the 2x6 and will be flush with the siding on the back wall when installed.

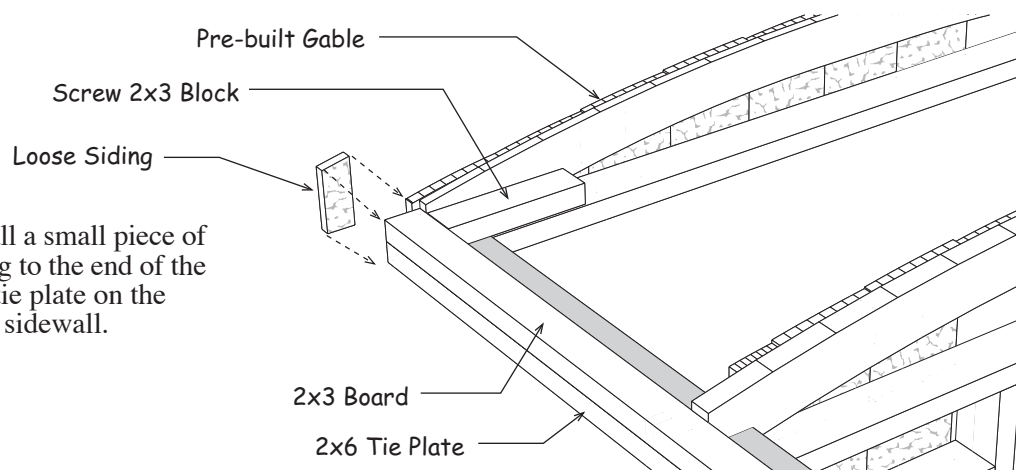
You will need to slide the 2x6 under the plywood board on the back wall. Nail the 2x6 to wall using 10d sinkers.



2. Install another 2x6-72" board on the opposite sidewall.
3. Locate (2) two 2x6x46-1/2" boards with a 2x3 board attached to it. Install these boards on the sidewalls, flush with the inside of the wall panel. You will need to slide the 2x6 under the plywood board on the front wall. The 2x6 boards will extend beyond the front wall.

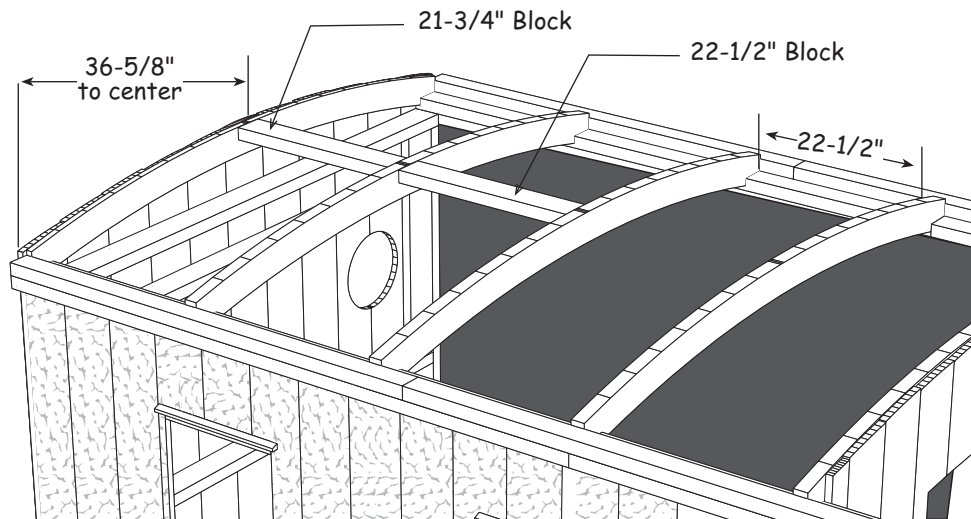
Step 5 Install Front Gable

1. Locate the prebuilt front gable with siding applied. Install this gable at the end of the 2x6 tie plates. Screw the 2x3 block to the 2x6 tie plate with 3" screws.



Step 6 Set Trusses

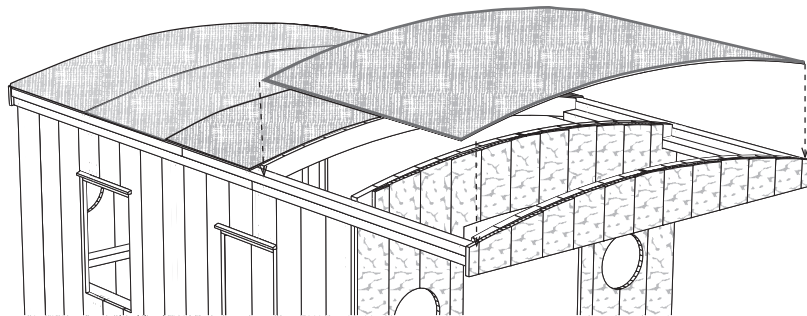
1. Mark the center of the caboose on the back wall for reference.
2. Install a plywood truss, 21-3/4" from the rear truss. Install a 21-3/4" long 2x4 between the trusses. Center the 2x4 block using the line marked above. Use 10d sinkers.
3. Install another truss using a 22-1/2" long 2x4 between the trusses.



4. Install a plywood truss with a 22-1/2" space between the center truss.

Step 7 Install Roof Sheathing

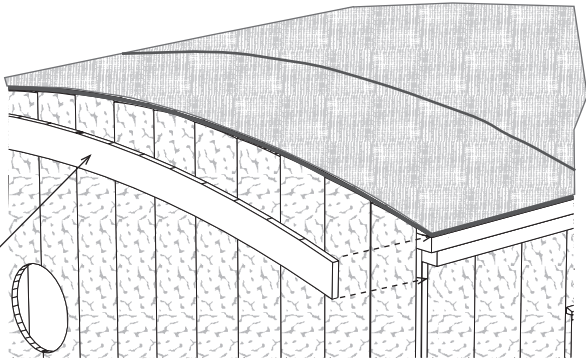
1. Install a 24" roof sheathing panel at the rear of the caboose, flush with the outside face of the siding. Secure sheathing along the short edge with 6d splitless nails. Secure the sheathing along the long edges, fastening one side then the other side.
2. Install (2) two more 24" wide panels.
3. Install a 48" wide panel last.



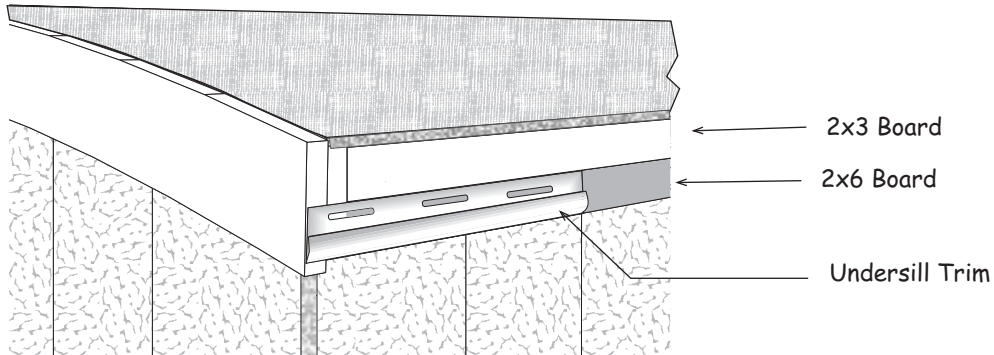
Step 8 Install Trim

1. Install a plywood trim board over the rear siding. Install trim board flush with the top of the roof sheathing. Use 7d galv. nails.
2. Install another trim board at the front of the caboose.

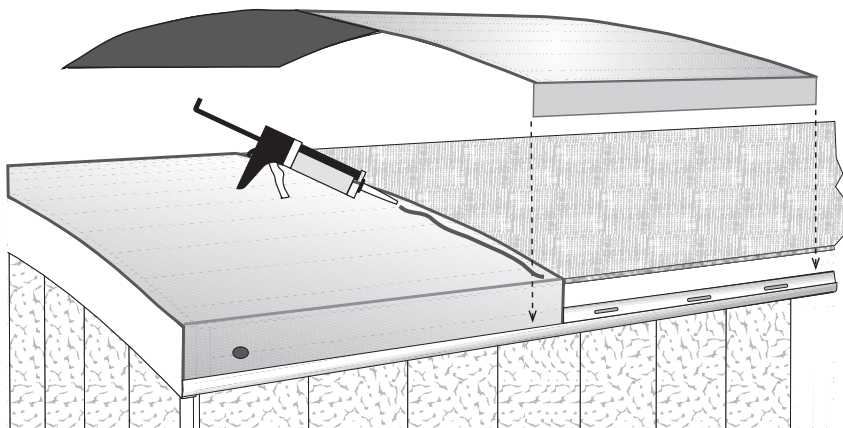
Plywood Trim Board



3. Install undersill trim along the overhang on the sidewalls. Fasten the undersill trim to the 2x6 board with the top edge meeting the top of the 2x6. Secure trim with 1" aluminum nails.



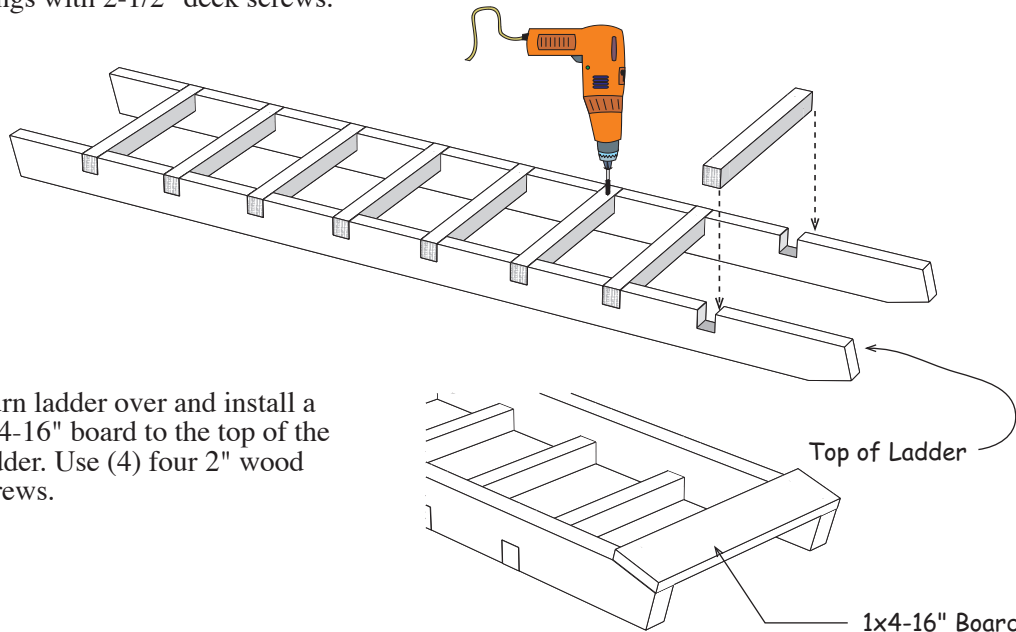
4. Install a 24" metal roof panel at the rear of the caboose, extending 1/4" beyond the trim on the back wall. Insert the short edge into the undersill trim. Hold roofing in place using white screws in the left corner.
5. Apply a bead of caulking along the edge of the metal panel. Install another 24" panel. The second panel should overlap the first panel 2-3/4". Secure with a screw in the left corner.



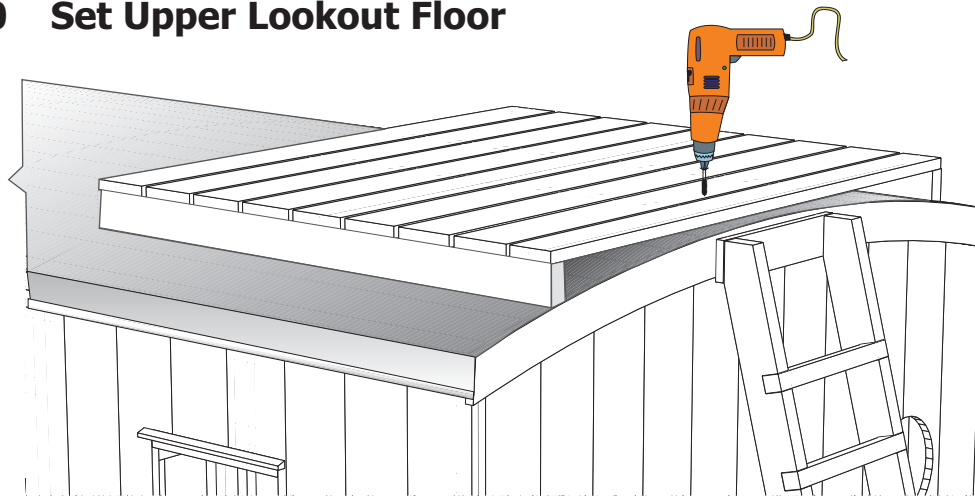
6. Install the remaining panels. Install the last panel extending 1/4" past the front trim.

Step 9 Assemble Ladder

1. Position (2) two ladder sides on a level surface, notches facing up. Install treated ladder rungs with 2-1/2" deck screws.



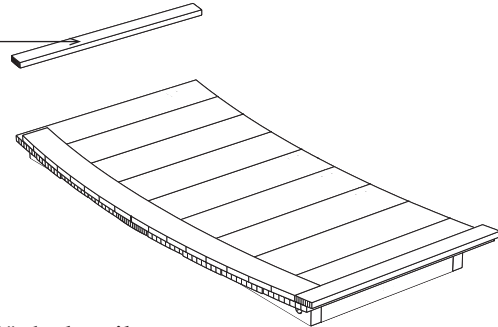
Step 10 Set Upper Lookout Floor



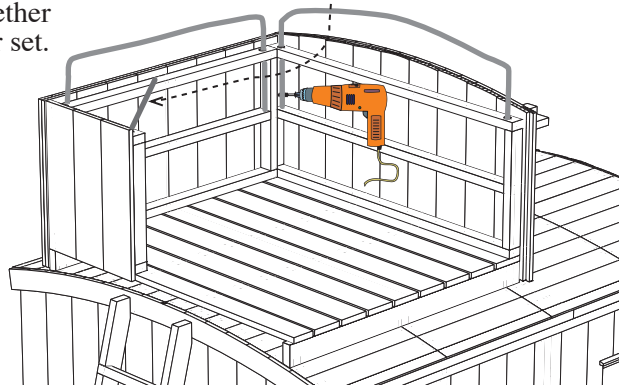
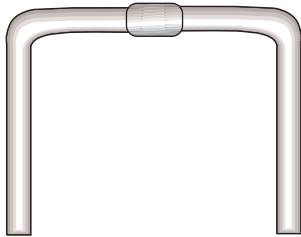
1. Anchor the ladder to the rear trim. Screw through the 1x4 board with (2) two 2-1/2" screws.
2. Set the upper floor on the caboose. Center the floor on the roof and flush with the metal roofing. Secure floor with 2-1/2" deck screws. Screw through the center of the floor into the 2x4 blocks installed between the trusses in Step 6.

Step 11 Set Upper Lookout Walls

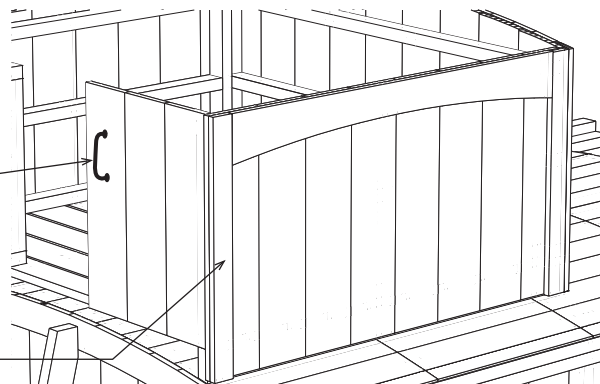
1x3-29" Trim Board



1. Locate a 1x3-29" trim board with an angle top and install at the corner. The trim should extend 3/4" past the siding. Nail trim with 7d galv. nails.
2. Install 54-3/8" long curved plywood trim board at the top of the front wall. Install trim flush with the top of the siding panels.
3. Install another 1x3 trim board to the other side.
4. Install upper wall panels to wood floor with 2-1/2" deck nails. Nail walls at the corners with 10d sinkers.
5. Install a 3/4" x 23" conduit at the rear of each corner to brace the back wall to the sidewall. Screw conduit to top plate with 1-1/2" galv. screws.
6. Join (2) two pieces of 3/4" conduit together with a coupler. Repeat to make another set.



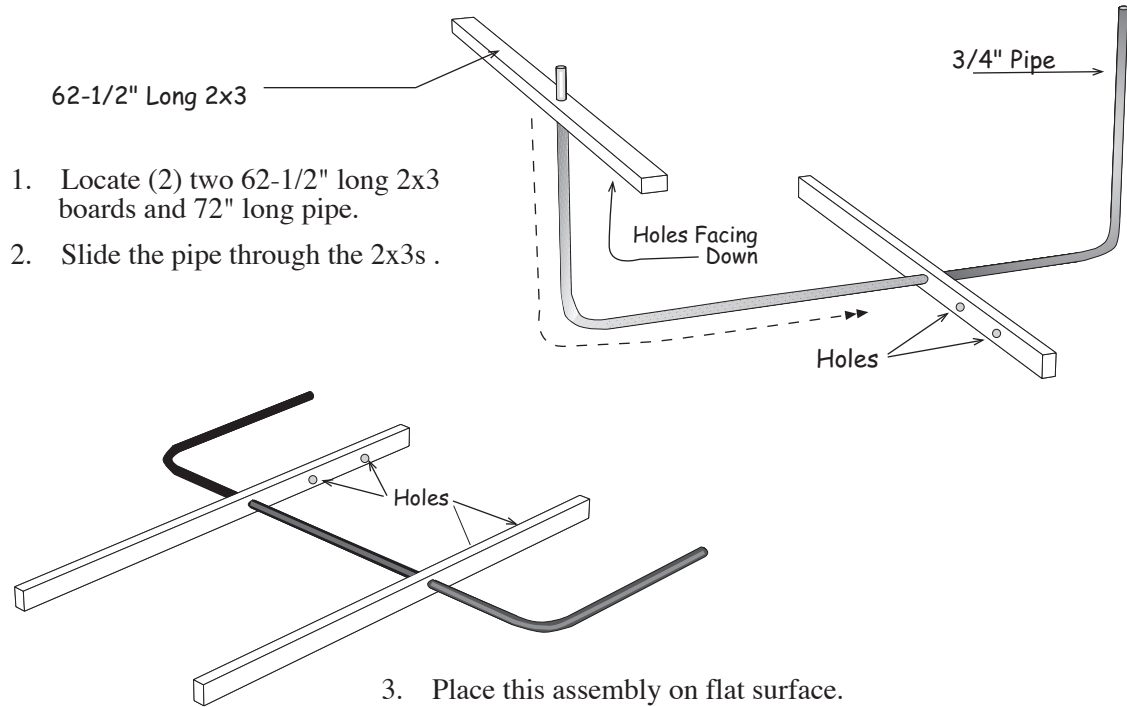
7. Install the assembled conduit in the holes in the rear wall panels. The conduit will serve as a handrail and prevent climbing over the upper walls.
8. Install the conduit in the holes in the front wall panel and the sidewall panels. Drill a hole and secure conduit to 2x4 frame members to prevent handrail from being removed. Secure conduit with 1-1/2" galv. screws.



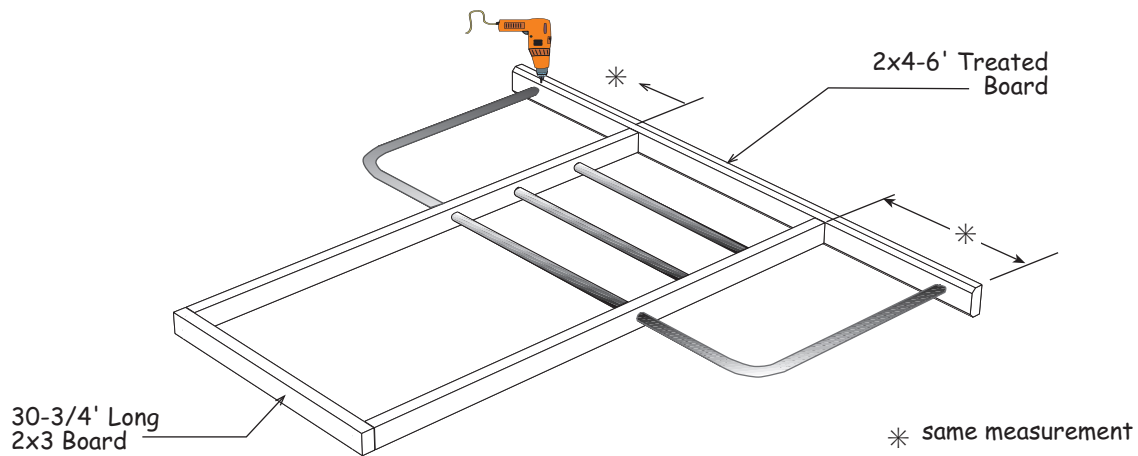
9. Install handgrips on each back wall panel, close to the opening.
10. Install 1x3-29" trim boards and a 46-3/4" curved trim board on the sidewalls.

1x3-29" Trim Board

Step 12 Assemble Porch Railing



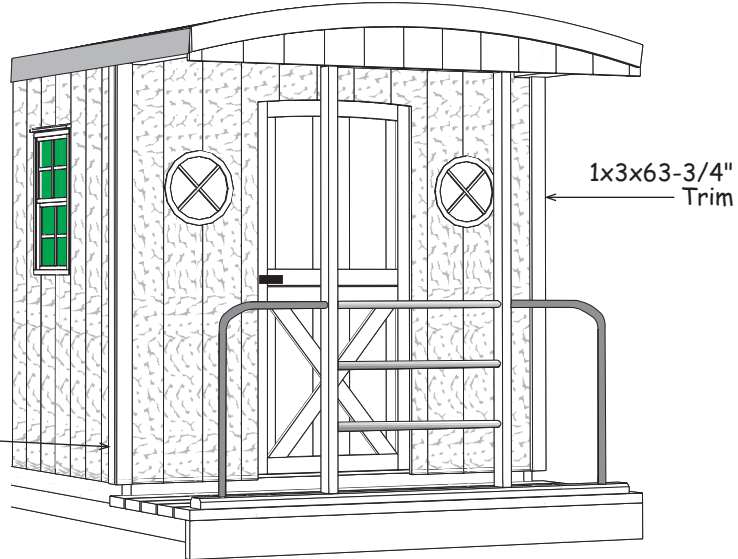
4. Insert (2) two 3/4" x 29-1/4" pieces of pipe between the 2x3s.
5. Install a 2x3x30-3/4" board across the top 62-1/2" long 2x3s. Use 10d sinkers.
6. Place a treated 2x4-72" board across the bottom, inserting the 3/4" railing legs into the holes of the treated board. Hold railing legs in place with 2" screws. Secure the treated 2x4 to the 2x3 posts with 16d galv. nails.



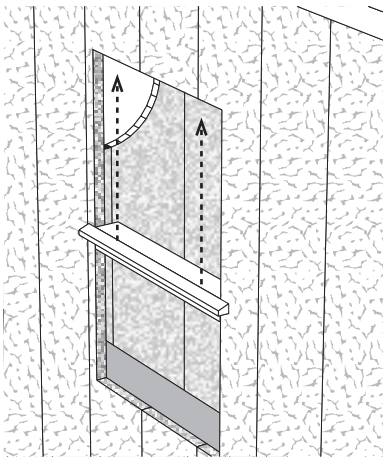
Step 13 Install Porch Rail & Corner Trim

1. Install 1x3x63-3/4" trim boards on the sidewall, flush with the face of the siding on the front wall. Use 7d galv. nails.
2. Install same size trim boards on the front of the caboose.
3. Repeat procedure to install the corner trim on the rear of the caboose. The trim boards on the back wall have an angle cut on one end.
4. Install the porch railing.
5. Install door latch. Insert round spacers between the latch and the door trim to enable the latch bolt to extend over the siding..

1x3x63-3/4"
Trim



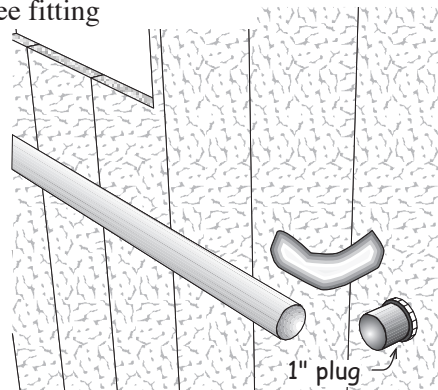
Step 14 Install Window Blocks & Handrail



1. Install beveled wood boards to the top of the window openings.
2. Install windows with the short white screws provided.
3. Install lower handrail using the following:

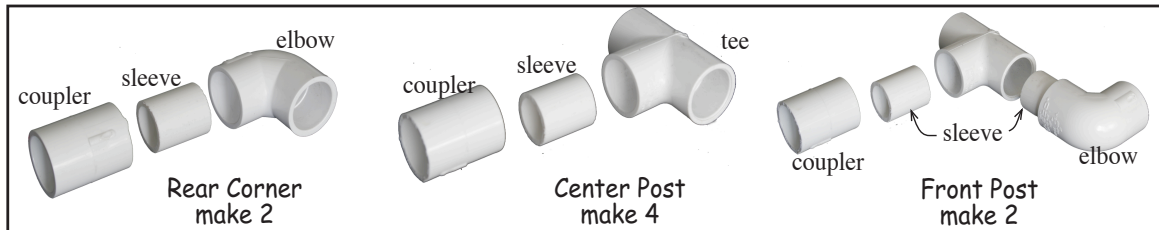
- | | | |
|---|-----|------------------------|
| 2 | ea. | 1" x 38" pipe sections |
| 3 | ea. | 1" plugs |
| 2 | ea. | 1" elbows |
| 1 | ea. | 1" tee fitting |

4. Screw the plug to the siding and slide the elbow over the plug.
5. Install (2) two 1" pipe sections together using a tee fitting in the middle. Install another elbow and plug on the opposite end to finish.



Step 15 Install PVC Railing

1. Install 1-1/4" wide batten strips at the front and over the seams in the metal roof panels. Apply caulking between the wood strips and the roof panels. See Detail 'A'. Secure strips with 3/4" wood screws.
2. Assemble the PCV fittings into the parts shown below. It is not necessary to glue the parts.



3. Mark the center of the porch roof, 4" back from the front edge.
4. Screw a plug, over this mark, into the roof with 1" screw. Detail 'A'.
5. Install a coupler and a sleeve over this plug. Install the 70-1/2" long rail over the sleeve. The center post is already attached to the tube.
6. Insert the 3/4" tubing, *as shown below*, between the railing parts assembled above. Temporarily position the railing on the roof and mark where the post will be anchored.
7. Screw plugs onto the roof with 1" screws. See Detail 'B' below.
8. Insert the couplers over the plugs.

