

# Instructions for Making a Paper Model of Cabin “B”

## Cowell Lime Works Historic District

University of California, Santa Cruz

Model designed by Jill M. Perry, 2012

Scale: 1/4 inch equals 1 foot when printed at 100%

### Cabin “B” History



Cabin B (right) in about 1910.

Cabin “B” was one of five cabins built the east side of Jordan Gulch near what is now the main entrance to the University of California, Santa Cruz. Probably built in the late 1800s, the 12- by 14- foot cabin served as housing for lime workers of the Davis and Cowell and later the Henry Cowell companies. As many as 40 men worked at this site. Tasks included quarrying limerock; hauling the rock to the kilns that converted the rock into lime; hauling cordwood to fuel the kilns; loading, firing, and unloading the kilns; making barrels for packaging the lime; and hauling the barrels of lime to the wharf for shipment.



Cabin B in 2005 prior to restoration.

Santa Cruz was once one of the most important lime producing areas in the state. Large quantities of lime were shipped by schooner to San Francisco in the decades after the Gold Rush. There, it was mixed with water and sand to make mortar and plaster.

In the late 1800s and early 1900s, many of the lime workers were immigrants from Italy and the Azores (part of Portugal). In the 1920s Cabin B was used by the Portuguese workers. We know this from oral histories and artifacts found at the site. The cabin had at least 2-3 beds and a small stove for heat. Mostly, the workers just used it for sleeping. The men took their meals across the gulch at the Cook House.



Cabin B after restoration but not yet whitewashed.

The cabin walls are made of one-inch-thick old-growth redwood planks, 6 to 18 inches wide and originally assembled with cut (square) nails. Exterior and interior battens (narrow strips of wood) cover the cracks between the boards. Curiously, there are no studs or corner posts. The foundation consists of redwood timbers resting on firebricks. The exterior was painted with white-wash (a mixture of lime and water).

UCSC students and volunteers began restoration of this cabin in 2009 with the help of a donation from the Cabrillo Civic Club.



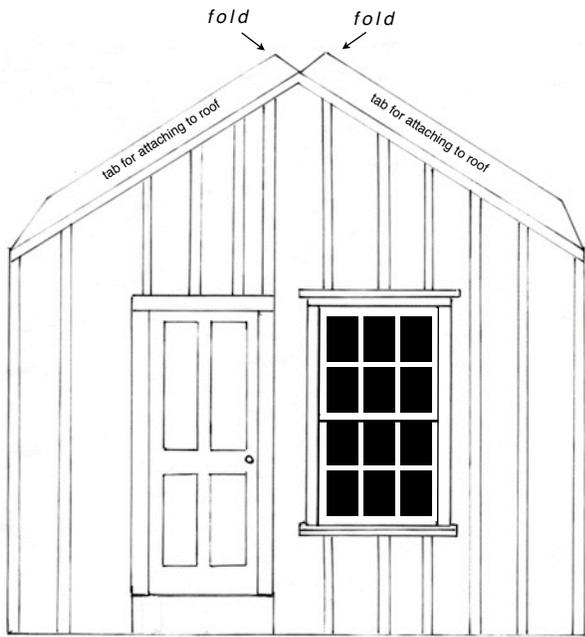
The finished model.

© 2012 Jill M. Perry  
May be copied for personal or  
non-commercial educational use.

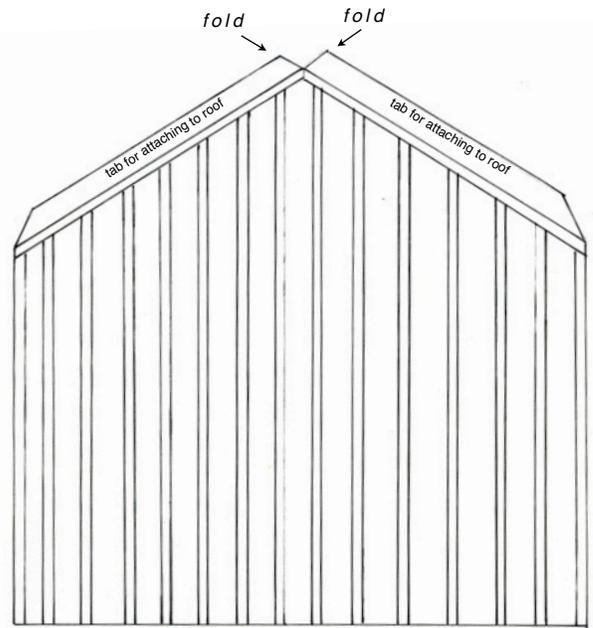


## *Instructions for Assembly*

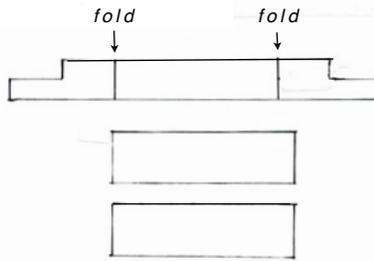
1. Download PDF file and print on 8 1/2 x 11 inch white card or cover stock.
2. Cut out parts with scissors. Detailed parts will need to be cut with an x-acto knife.
3. Score where tabs are to be folded. This will ensure that folds will be straight. Use the back of the knife and a straightedge. Be careful not to cut through the paper.
4. If you decide to cut out the window panes, do this next. If you wish to glue clear plastic to the inside of the window, also do this before assembly. If you want the door to open, score along the left edge and cut along the other three edges before assembly. Door opens inward.
5. Assemble floor. Use white glue on this and the other parts. The floor is optional. It helps keep the sides straight and facilitates glueing the cabin to a base. It will not be seen, however, unless you cut out the door and windows. Set floor aside.
6. Glue one of the sides to the front. Then glue the other side. Finally, glue the back to the two sides. Once the four parts are glued, there should be just enough room to slide the house down over the floor. Test this, but do not glue floor to the rest of the cabin until after the roof is on.
7. Attach the roof. Carefully glue roof to one side first, attaching to the three tabs. After this is dry, attached the roof to the other side.
8. Before attaching the floor, attach stove pipe to the roof at the location of the black dot. The pipe is not supplied, but a 1/8 inch dowel, plastic pipe, or metal tube (all available from hobby stores), or small straw work well. It can be glued onto roof, or (for added strength), poke it through a hole in the roof and glue to floor after floor is installed (step 9). Paint the stove pipe rust color and the top black. If you plan to have the interior visible, you will need a very small potbelly stove and two small beds.
9. Fold support for front steps and glue below door. Glue on steps.
10. (Optional) The finished cabin may be glued to piece of thick cardboard, foam core, or a block of wood. If you choose to do this, glue the floor to the base first, then attach the cabin to the floor. If you do not want a base, just glue the cabin to the floor. The base may be painted green or brown to simulate grass and soil.



Front



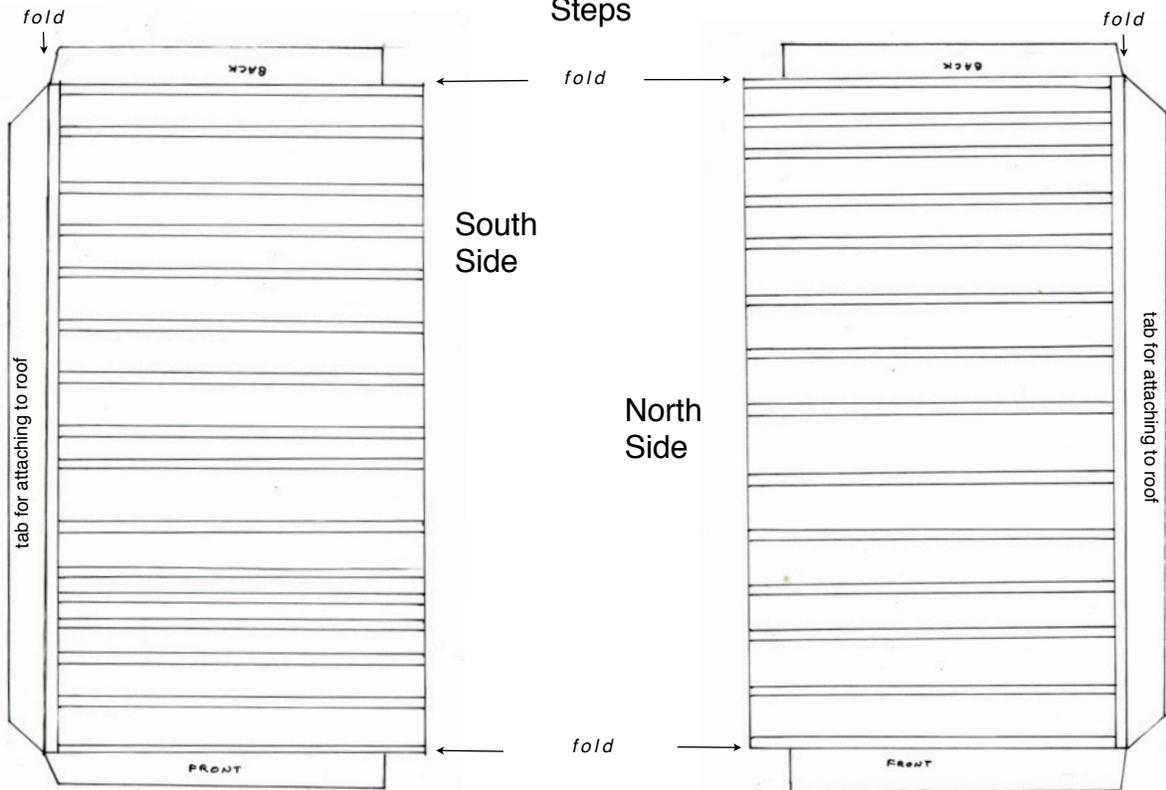
Back

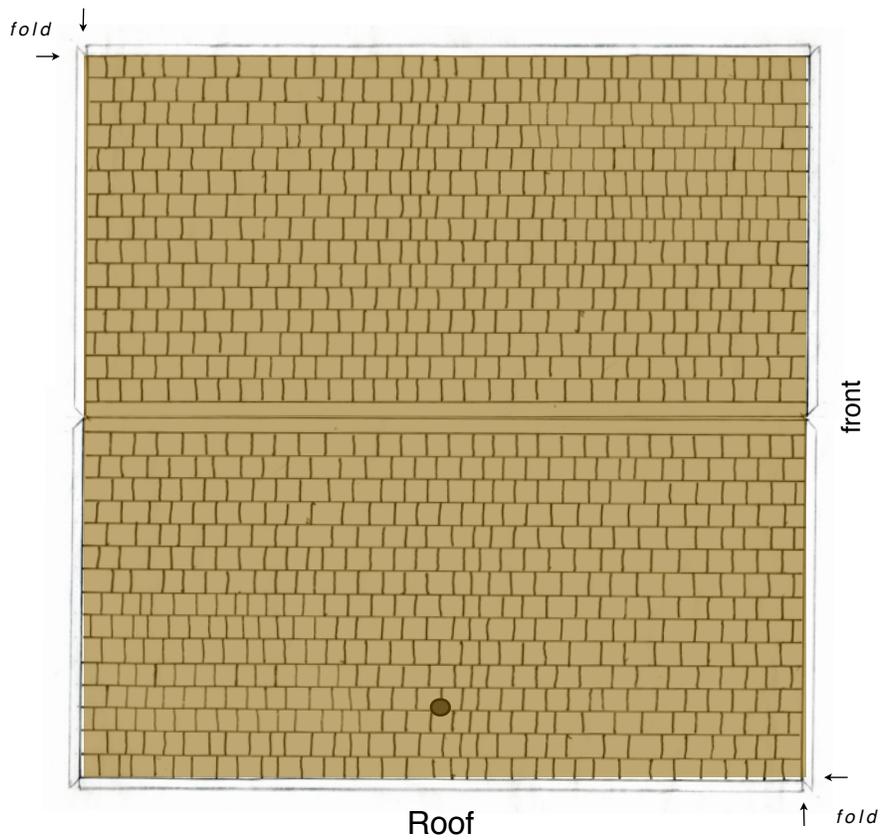


© 2012 Jill M. Perry  
 May be copied for personal or  
 non-commercial educational use.



Steps





© 2012 Jill M. Perry  
May be copied for personal or  
non-commercial educational use.

