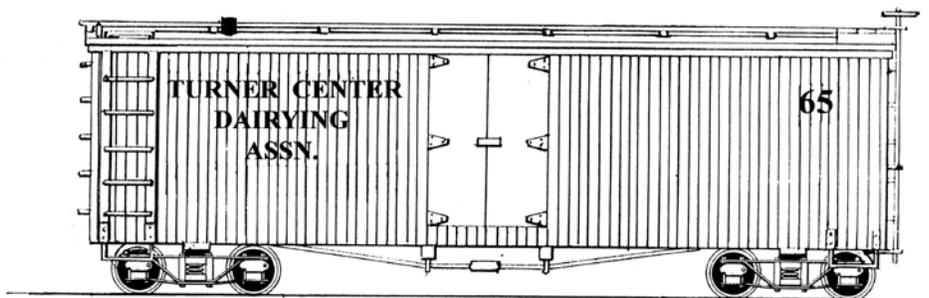


# Build a 1:22.5-scale WW&F creamery car

Plan set #93

by Ted Stinson | Wiscasset, Maine



This is a 1:22.5-scale model of the No 65 WW&F Turner Center Dairy Association car. It is presented in 1:22.5 scale because, at that scale, it will fit with the two most commonly used Maine engines—the LGB Forney and the Roundhouse 2-6-2. As a second positive feature, at exactly half size (1:45), it will fit on Peco 0n30 track and can use Bachmann's Maine-prototype trucks.

## Construction

Begin construction with the floor. Use a piece of 1/4" ply that is 3 3/8" x 14 7/8". On one side, add the stripwood framing as per the drawing. On the other side, add two end pieces, also cut from 1/4" ply. Add a 3/16" x 1/4" x 14 7/8" ridge pole.

Now cut two sub-sides from 1/8" ply. Glue these in place. Mark the door location on each side. Glue scribed wood to the ends and then the sides, leaving the door area uncovered. Now cut, fit, and glue the cardstock doors and hinges in place. Use sequin pins to represent the bolts. Drill .02"-dia. pilot holes

for those pins.

Make the roof pieces from 3/32" stock. Sand the top edges of the car sides so that the roof will lie flush with the sides. Glue the roof in place, then fit and glue the 1/16" x 1/8" strip under the edge of the roof. Make the roof walk using 1/16" x 1/8" strip on 3/32"-square cross pieces. Before gluing the cross pieces in place, cut the shallow angled section from each cross piece so that the walk will sit right on the roof.

Now make 24 U-shaped grab irons from .04" wire. Glue the 1/8"-square ladder-stock pieces in place. Drill holes for the grab irons, then fit and glue them in place. Now add the flat-wire foot irons.

Drill a 1/4" hole in the roof for the stove head, which should be painted black. Don't glue the head in place until the roof has been painted. Add the brake wheel and the 1/16"-diameter rod. This can be fitted in short bits of 1/16" x 1/8" scrap.

Now the car can be painted. When built, it was painted box-car red, with white numbers

and lettering (there was the number "65" on each end, on the left side of the end, at about the same height as the side number). In later years it was painted reefer yellow with a green roof, without letters or numbers.

\* \* \*

This is an online supplement to the August 2009 issue of *Garden Railways* magazine. To purchase previously published paper plans, see the list of those available at [www.sidestreet.info](http://www.sidestreet.info)

A kit for the WW&F Turner Center Dairy Assoc. car is available from Northeast Narrow Gauge for \$60 + \$6 s&h (to the US). Order from Northeast Narrow Gauge, PO Box 191, Wiscasset ME 04578. Web site: [www.nemodel.com](http://www.nemodel.com)

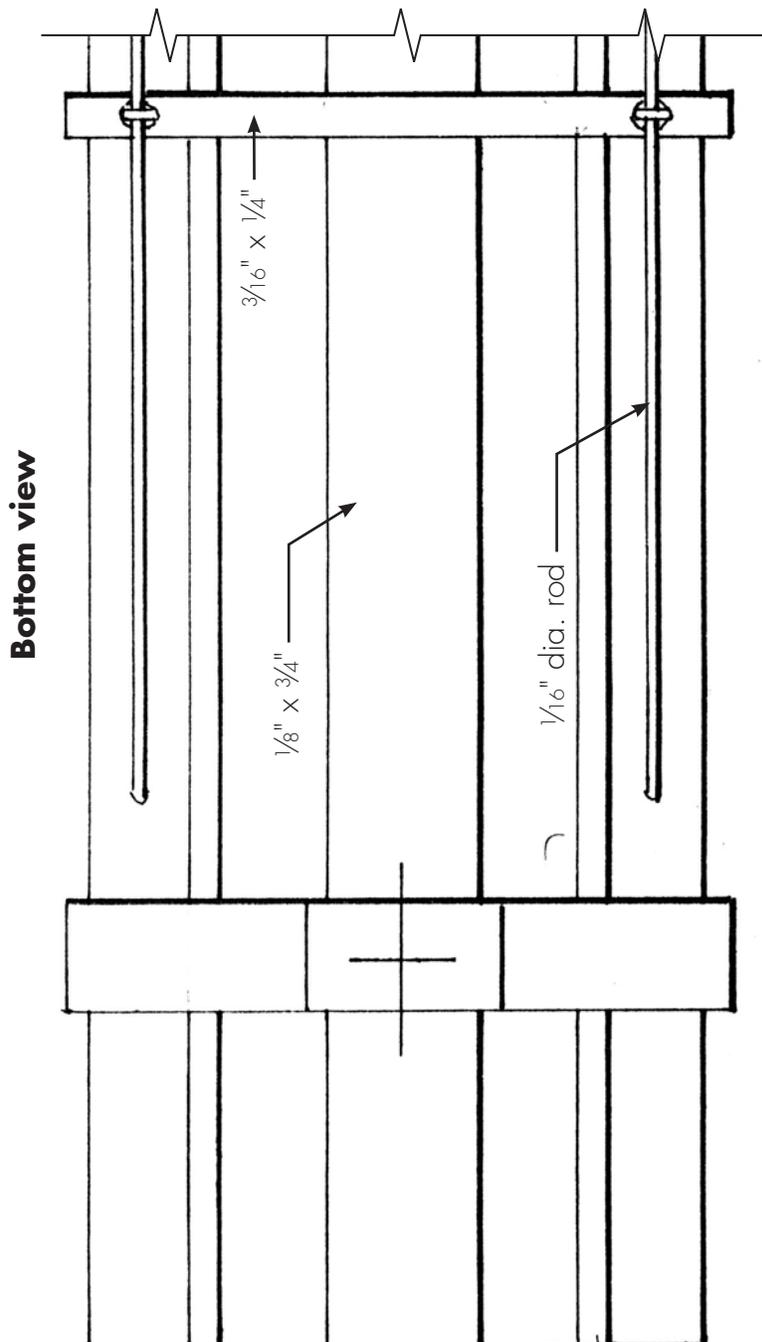
© 2009 by *Garden Railways* and Northeast Narrow Gauge. These drawings may be reproduced by individual modelers for their own personal use. Copying for any commercial use or for distribution is prohibited without written consent from the publisher.

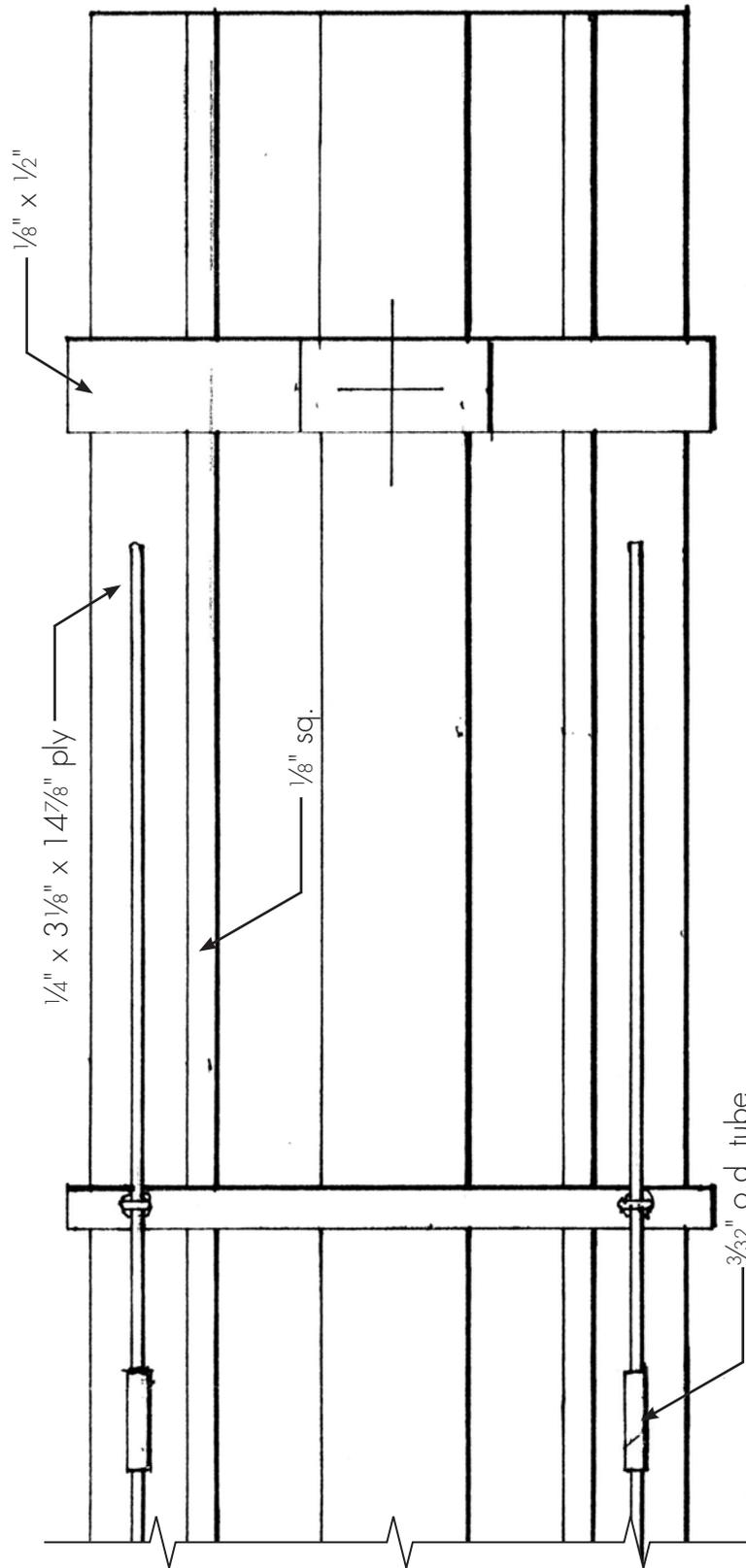
## Are you working in a different scale?

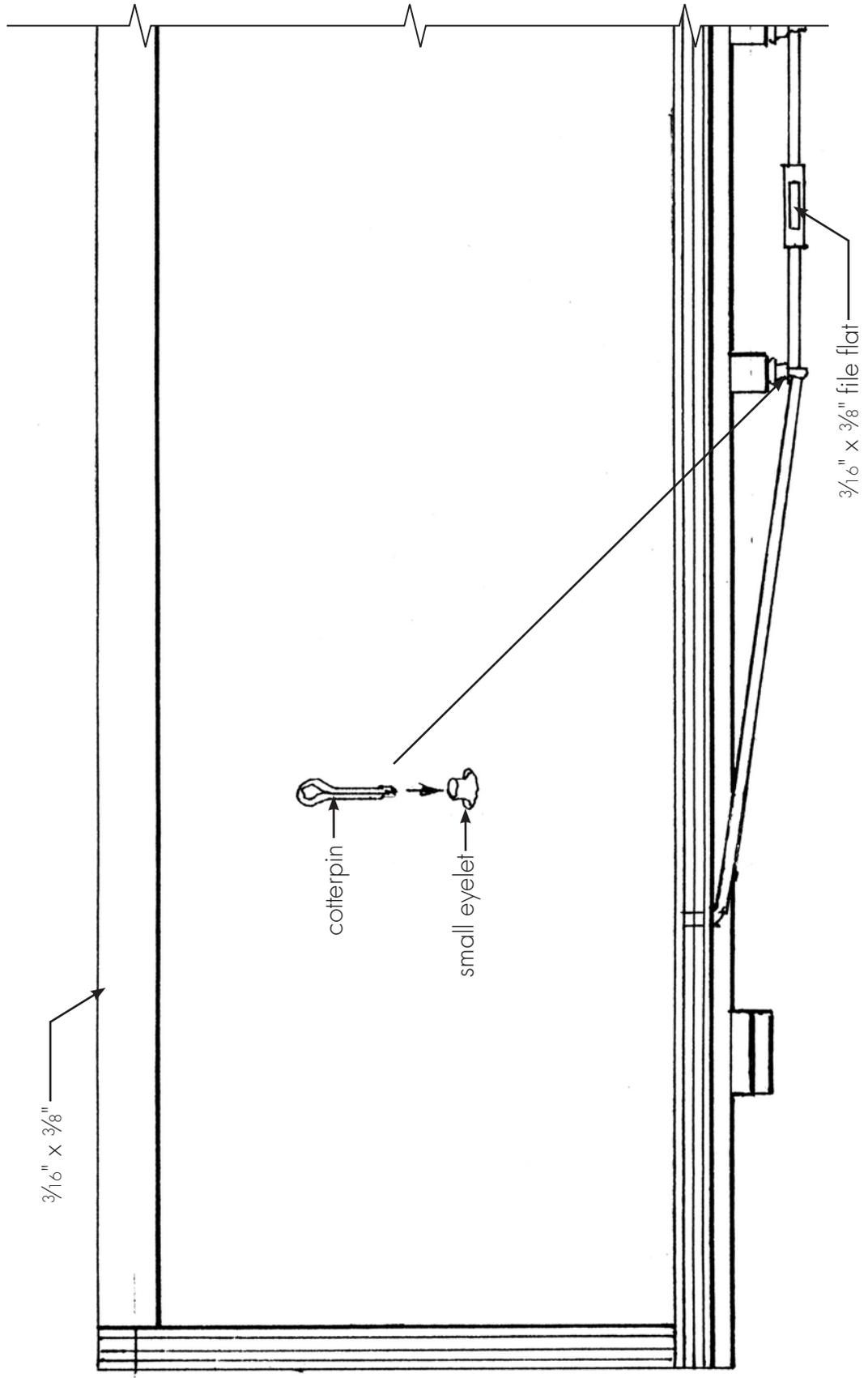
- If you are working in 1:24 scale, reduce these drawings to 94%.
- If you are working in 1:20.3 scale, enlarge these drawings to 111%.
- If you are working in 16mm scale (1:19), enlarge these drawings to 118%.
- If you are working in 7/8" scale (1:13.7) enlarge these drawings to 164%.

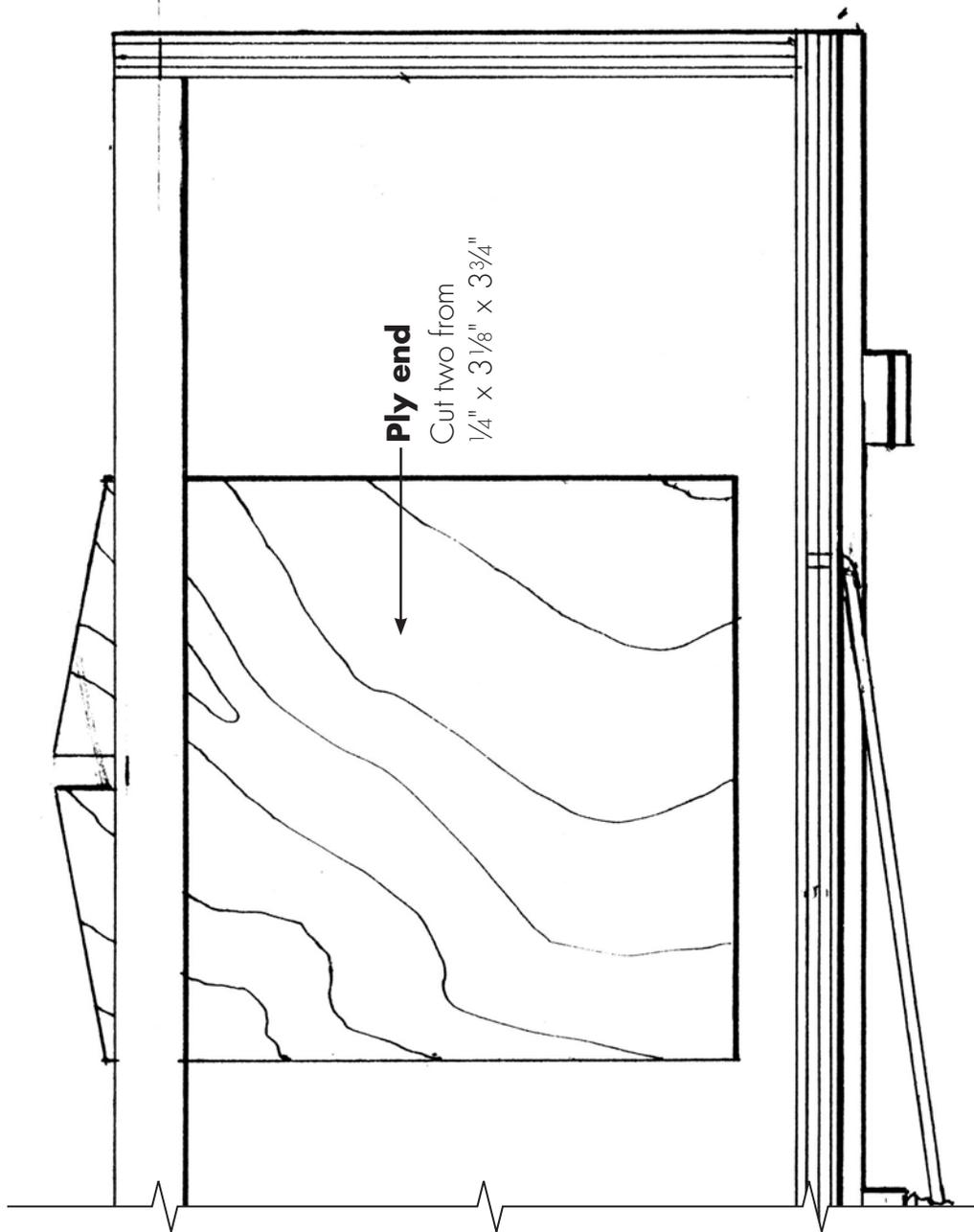
# TURNER CENTER DAIRYING ASSN.

## 65 65

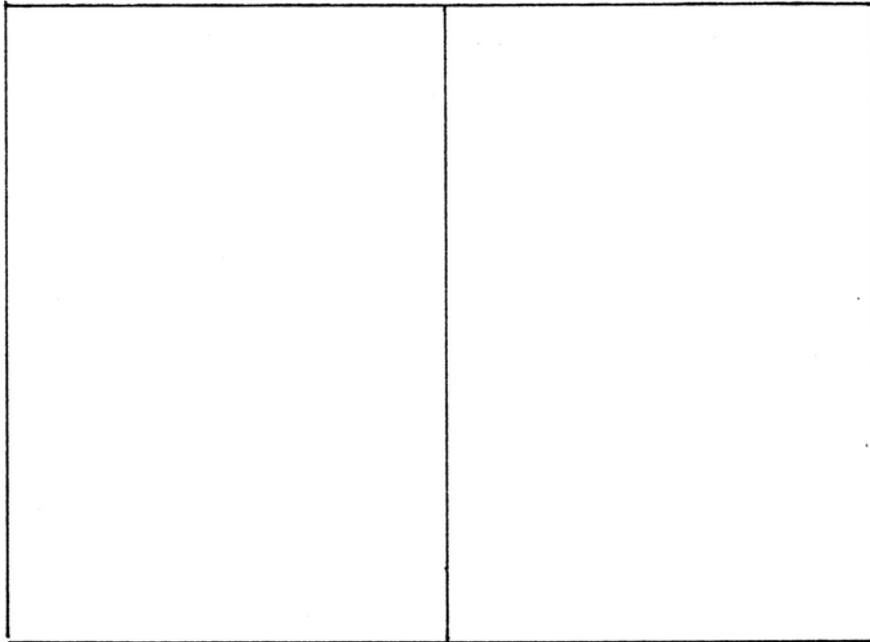








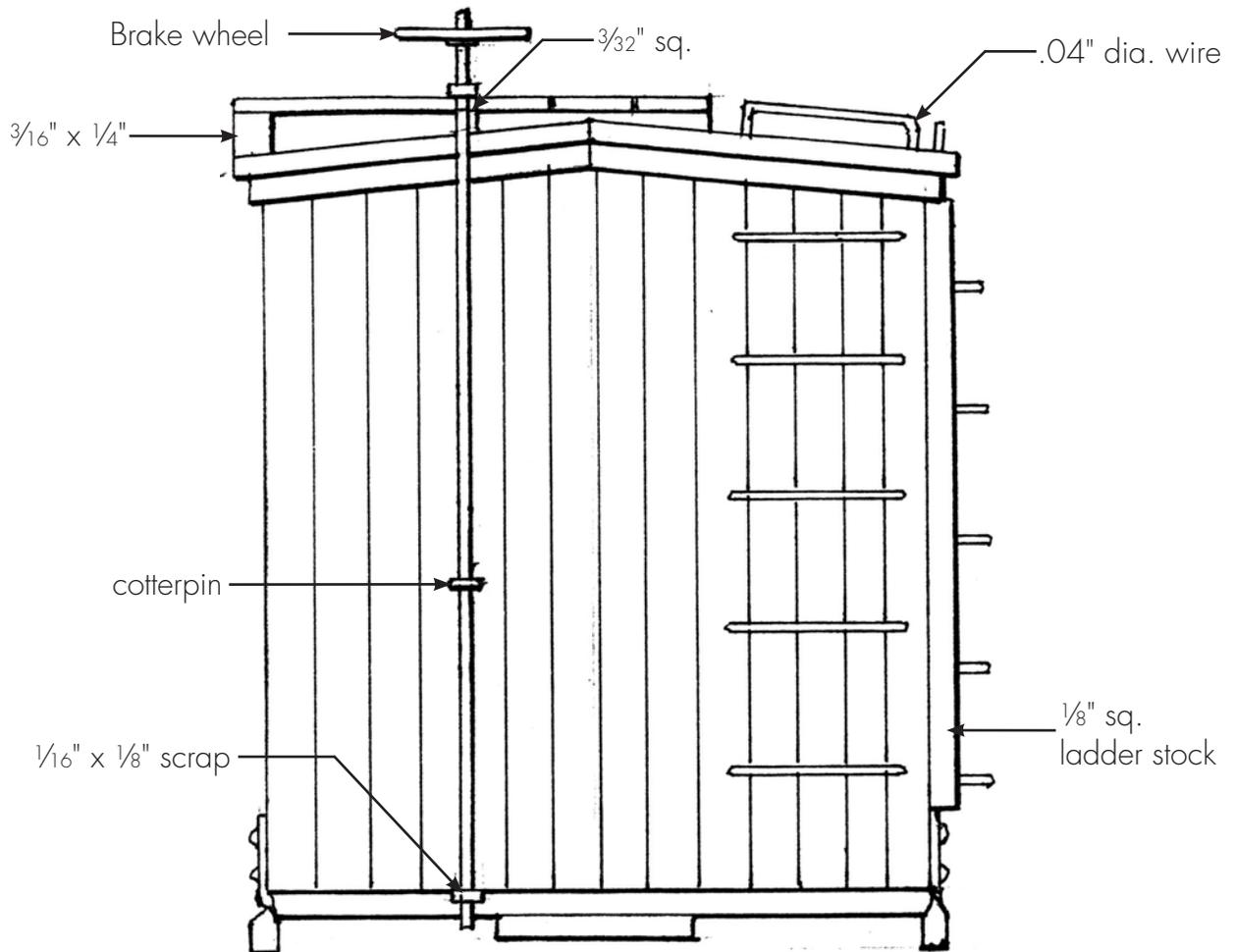
### Cardstock doors



### Cardstock hinges

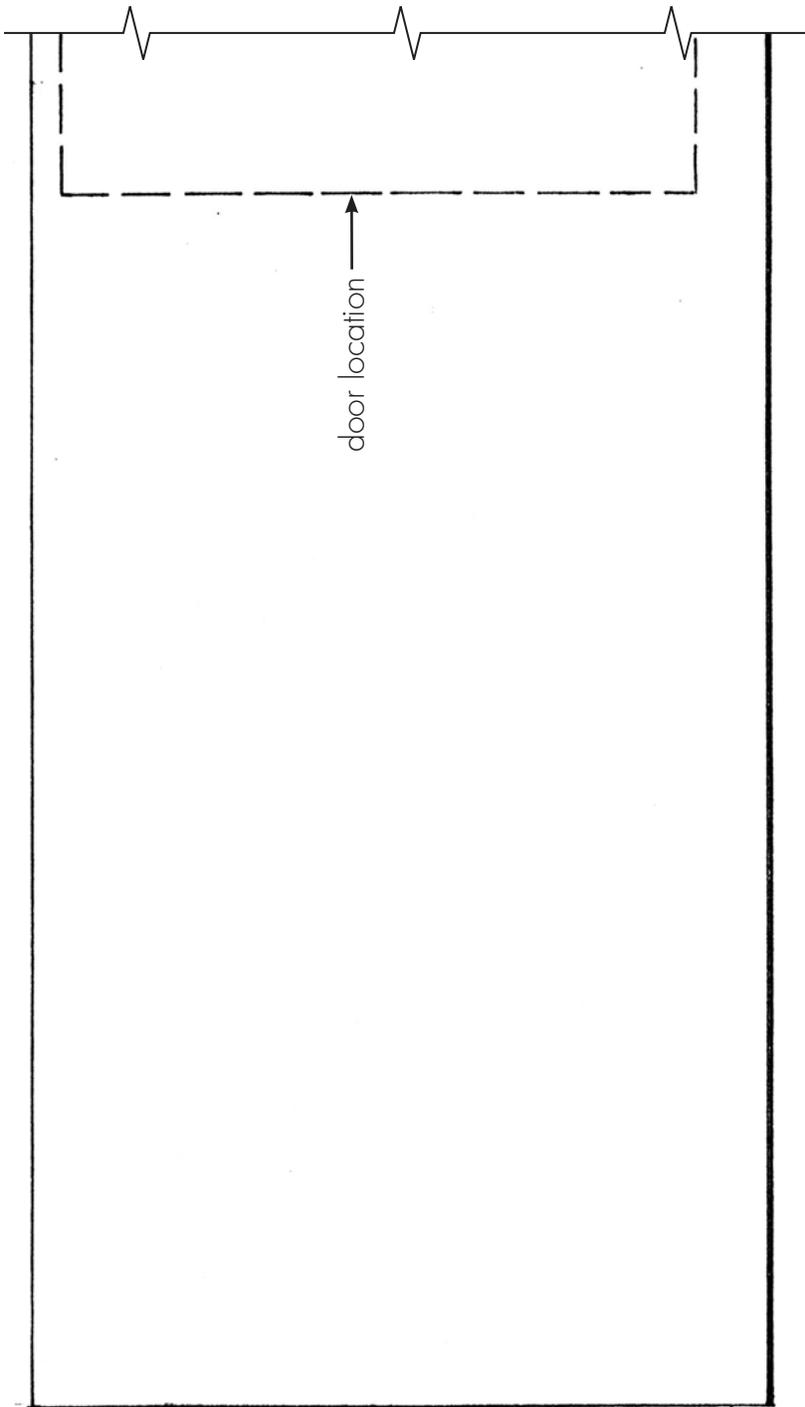


### End view



**Subside**

Cut two from  $3\frac{13}{16}$ " x  $1\frac{47}{8}$ "



door location

