



HO Structure Kit SHOPS BUILDING NO. 1 933-3165

Thanks for purchasing this Cornerstone® kit. Please read the instructions and study the drawings before starting construction. All parts are styrene, so use compatible glue and paint to assemble and finish your model. PLEASE NOTE: this is a partial kit designed to provide a realistic transition between foreground and background scenery. Cut lines in the roof and base allow you to build a thinner structure, or a right- or left-angled building. Some parts may be included that will not be used in this model – keep these for future projects.

Freight and passenger cars have always been among the hardest working equipment on any railroad. As a result, most railroads operated at least one major car shop. Typically located at a central terminal, shop buildings gradually evolved to permit the fast movement of cars between workstations, as well as housing specialized departments concentrating on brake equipment, wheels, trucks and other appliances. Two-story designs were common to provide clearance for overhead cranes to handle lifting chores, and large windows were installed to bring in plenty of natural light. Car shops are still essential to modern railroads, and are also operated by many large fleet owner/operators. Perfect for railroad repairs, this building has lots of industrial applications and can be used as a steel fabricator, warehouse, assembly plant or similar large commercial building. Track can be run through the large door opening to access hidden storage/staging tracks or simulate loads-in/empties-out operations. For additional products to complete your scene, see your participating hobby dealer, check out the latest Walthers Model Railroad Reference Book or visit us online at walthers.com.

BEFORE STARTING CONSTRUCTION...

If you wish to customize your model, begin by cutting parts as noted before starting assembly (no cutting is needed for a stock model) – choose one version:

.04" (1.2cm) Wide

1) Cut Base (1) and Roof (11) at the horizontal groove - discard the lower portions. Cut the End Walls (22, 23) at the first horizontal groove - discard the portion with the window/door openings.

Angled Structure

1) To build your structure with a left or right angle: cut Base (1) and Roof (11) along the appropriate angled grooves. Cut the Right (22) or Left End Wall (23) at the first horizontal groove - discard the portion with the window/door opening – the remaining End Wall is used as-is with no cutting needed.

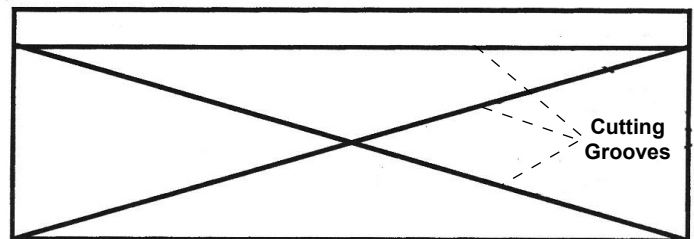
Standard Assembly

1) Glue Windows (8x 9) to openings on back of Front Wall (3). Glue Glass (8x 10) to back of Windows.

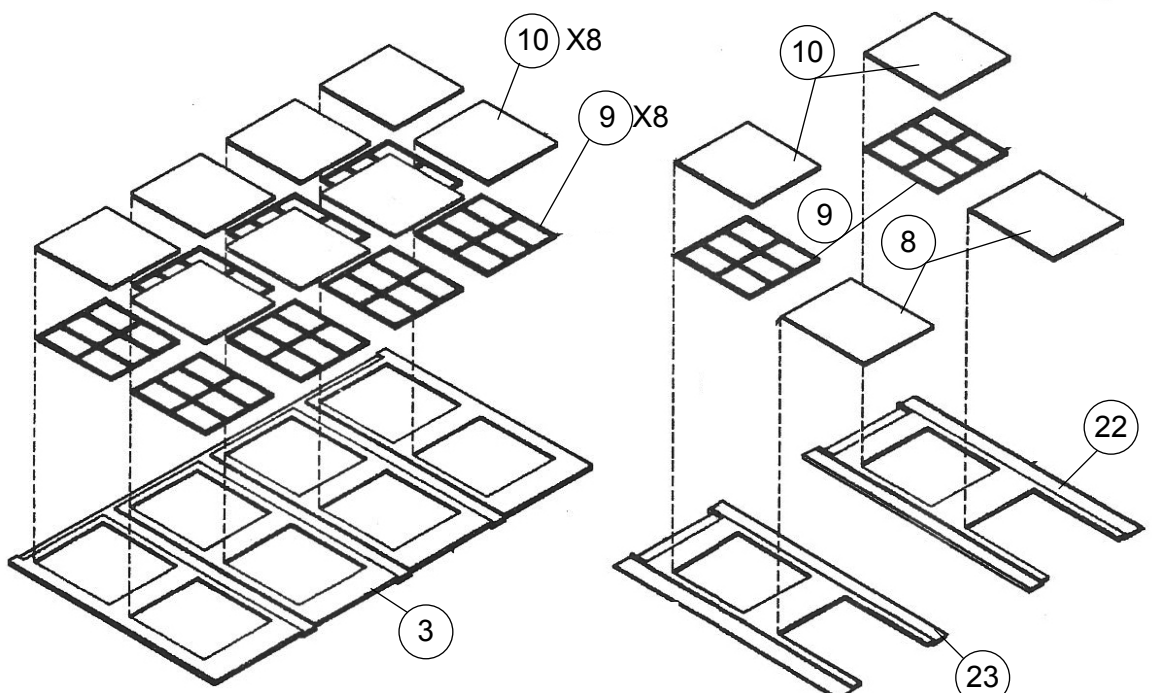
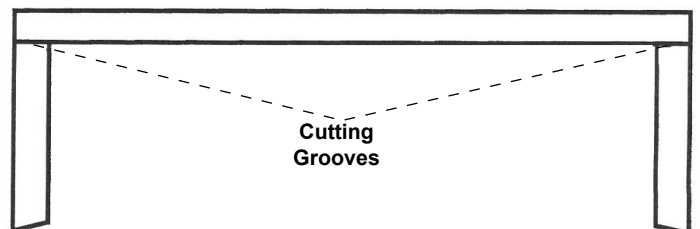
2) Glue Window (1x 9: one per wall) to openings on back of Right (22) and Left End Wall (23). Glue Glass (10) to back of Window.

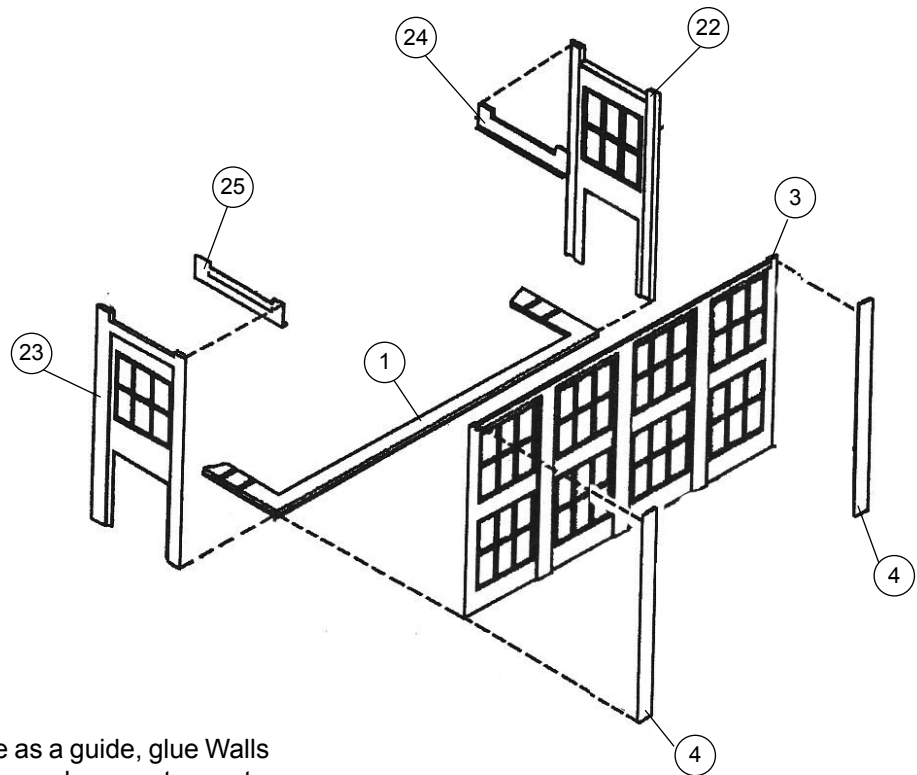
3) Large Overhead Doors (2x 8; one per wall) may be left off to model an open door, or glued in opening as desired.

ROOF



BASE





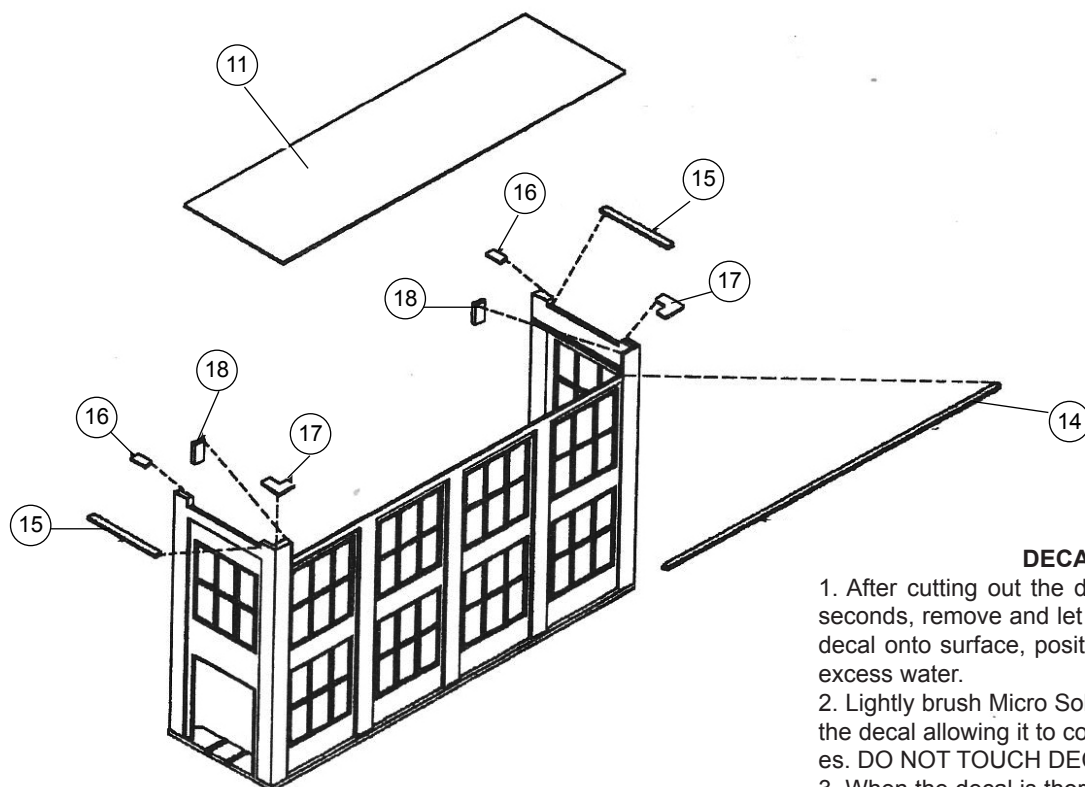
4) Using the raised ridges on the Base as a guide, glue Walls (3, 22, 23) to Base and at inside corners where parts meet.

5) Glue Wall Fillers (24, 25) to End Walls as shown. Glue Pillasters (2x 4) to ends of Front Wall.

6) Glue Corner Fillers (2x 18) to inside of Front Wall as shown.

7) Glue Roof to inside edge of wall assembly.

8) Glue Wall Caps (14, 15, 16, 17) to tops of walls as shown.



DECALING

1. After cutting out the decal, dip in water for 10 seconds, remove and let stand for 1 minute. Slide decal onto surface, position and then blot off any excess water.

2. Lightly brush Micro Sol® on top. This will soften the decal allowing it to conform to irregular surfaces. DO NOT TOUCH DECAL while wet!

3. When the decal is thoroughly dry, check for any trapped air bubbles. Prick them with the point of a small pin or hobby knife blade and apply more Micro Sol®.