HO Structure Kit

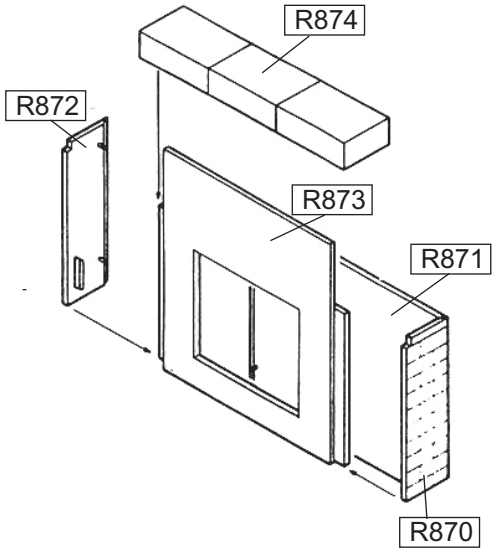
WILLOW GLEN BRIDGE

933-3652

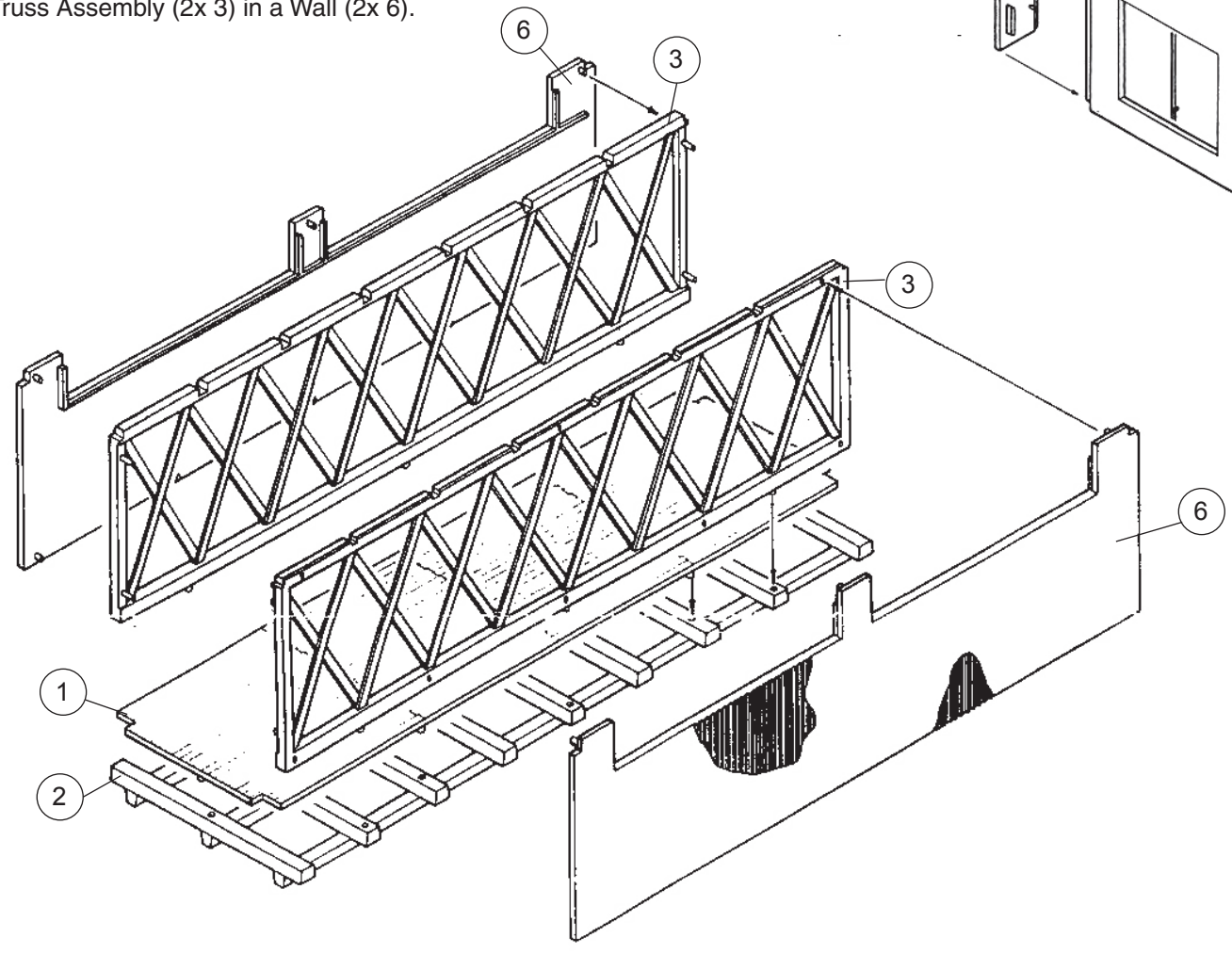
Thanks for purchasing this Cornerstone® kit. Please read these instructions and study the drawings before starting. PLEASE NOTE: All plastic parts are made of styrene, and most will simply snap in place. Some may require gluing as noted in the instructions, using cement made for styrene (sold separately). For a more permanent and sturdy structure you can also glue all parts together at the snap fit locations. If you wish to paint any parts, do so before starting construction using plastic-compatible paints.

Creeks and streams were problems for early travelers as high water or steep banks meant long detours. Typically, landowners or a group of neighbors would build a suitable bridge using nearby timber and stone. Most were standard truss bridge designs, which provided good load bearing capacity for heavy wagons. Left exposed to the weather however, the critical wooden trusses and decking would quickly rot away but adding a superstructure solved the problem and created the “covered bridge.” The solid floor and sidewalls also blocked the sound and sight of the moving water below, which could easily spook a nervous or high-strung horse. Although heavier cars, trucks and farm machinery eventually required most covered bridges to be replaced or bypassed, many have been preserved and restored. See your local hobby dealer, check out the current Walthers Model Railroad Reference Book or visit us online at walthers.com for additional figures, scenery materials, vehicles and other details to complete your new model.

1) PLEASE NOTE: You’ll be constructing two Bridge Abutments; all parts require gluing for assembly. The sketch shown is a reverse view — see step 3 for a front view. Glue Left Abutment Wall (R870) and Right Abutment Wall (R871) to Rear Abutment Wall (R873). Glue Front Abutment Wall (R871) to Left and Right Walls. Glue Abutment Cap (R874) to tops of Front Abutment Wall and Left and Right Walls. Repeat for the second Bridge Abutment.



2 Insert Bridge Floor (1) in Bridge Deck (2). Make two Sidewalls by inserting a Side Truss Assembly (2x 3) in a Wall (2x 6).



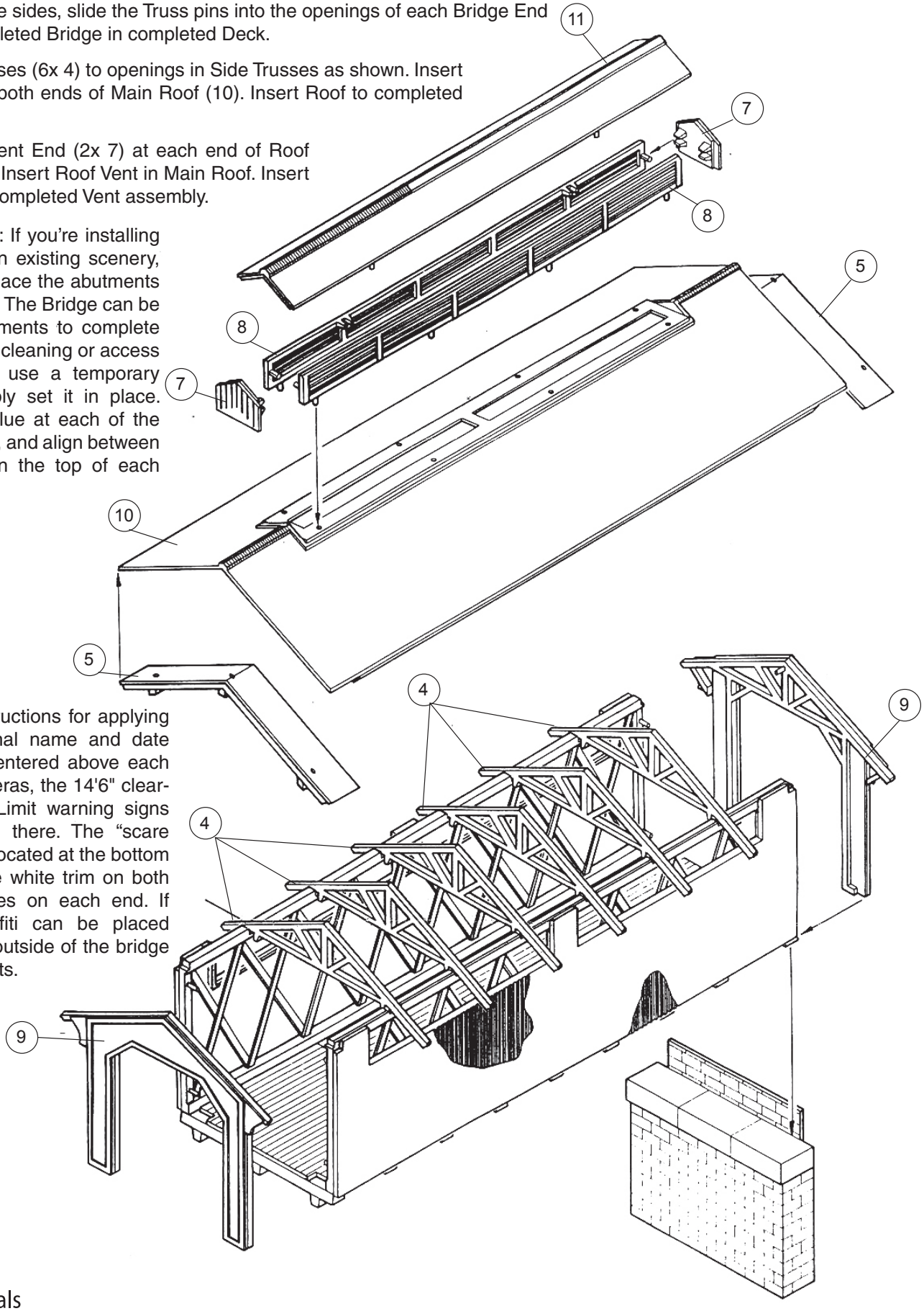
3) Working from the sides, slide the Truss pins into the openings of each Bridge End (2x 9). Insert completed Bridge in completed Deck.

4) Insert Roof Trusses (6x 4) to openings in Side Trusses as shown. Insert a Fascia (2x 5) at both ends of Main Roof (10). Insert Roof to completed Bridge assembly.

5) Insert a Roof Vent End (2x 7) at each end of Roof Vent Sides (2 x 8). Insert Roof Vent in Main Roof. Insert Vent Roof (11) to completed Vent assembly.

6) PLEASE NOTE: If you're installing your new Bridge in existing scenery, you may wish to place the abutments on your layout first. The Bridge can be glued to the Abutments to complete installation, but for cleaning or access you may wish to use a temporary adhesive, or simply set it in place. Apply a drop of glue at each of the three deck timbers, and align between the inset areas on the top of each Abutment Cap.

7) Follow the instructions for applying decals. The original name and date signs would be centered above each entrance. In later eras, the 14'6" clearance and 3-Ton Limit warning signs would be posted there. The "scare stripes" would be located at the bottom inside edge of the white trim on both right and left sides on each end. If desired, the graffiti can be placed anywhere on the outside of the bridge or on the abutments.



Applying Decals

1. Cut out the decal and dip in water for 10 seconds. Remove decal from water and let stand for 1 minute. Slide decal onto surface and into position. Blot off any excess water.
2. Lightly brush Micro Sol® on top of the decal. This will soften the decal allowing it to conform to any irregular surfaces. DO NOT TOUCH DECAL while wet!
3. When the decal is thoroughtly 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®.