



# N Structure Kit BACKSHOP 933-3227

Thanks for purchasing this Cornerstone Series® kit. Please read all instructions and study the drawings before starting - directions for the interior graphics are printed directly on that sheet. All parts are styrene plastic, so use compatible glue. If you wish to decorate your model, use paints for plastic models.

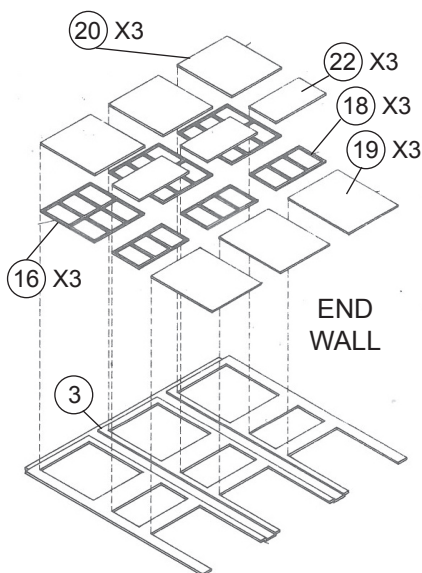
To keep locomotives in top condition, they are inspected frequently and undergo routine maintenance. While this is often done at smaller facilities, heavy repairs such as a complete rebuilding, are done in the railroad's backshop. Typically, the backshop was built at a central point on the railroad, although some larger lines had backshops at two or more locations.

On some lines, running repair shops capable of handling heavier repairs, were constructed at bigger terminals. This kit however, is designed to be expanded to build a larger structure. A full shop complex will also include a Car Shop (933-3228) where freight and passenger equipment is repaired.

For more Cornerstone Series® kits as well as additional details to complete your scene, see your hobby shop, check out the latest Walthers N Model Railroad Reference Book and our Website at [waltherscornerstone.com](http://waltherscornerstone.com).

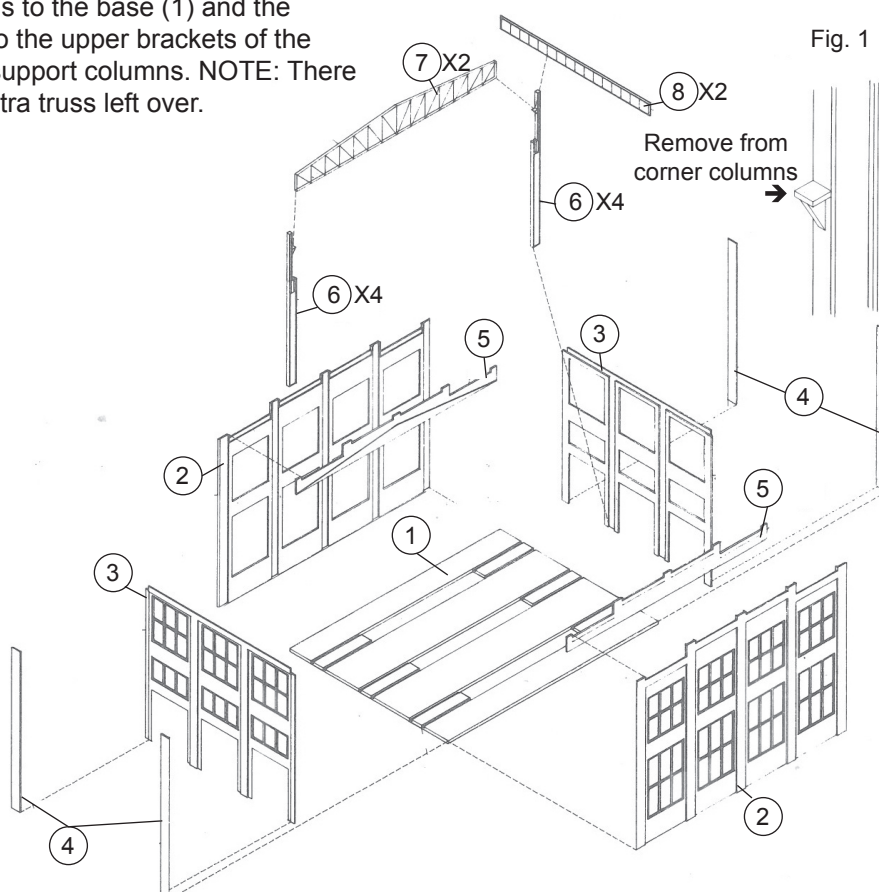
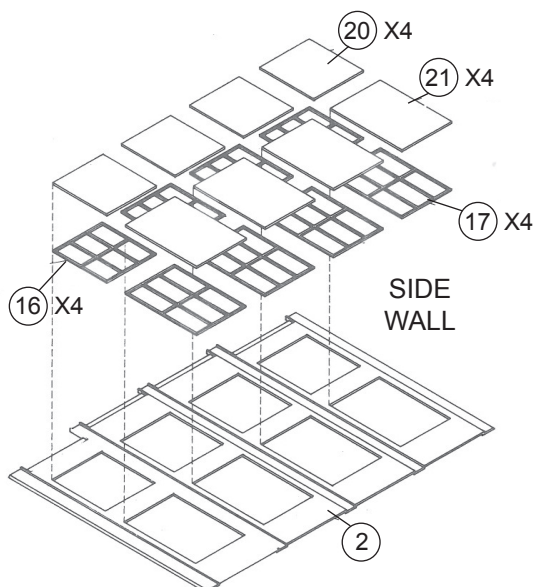
## READ FIRST

Before starting, decide on how big of a structure you want to build. Steps 1-3 instruct how to build the basic one kit building. Step 4 shows what modifications are needed to put multiple kits together. Plan accordingly.

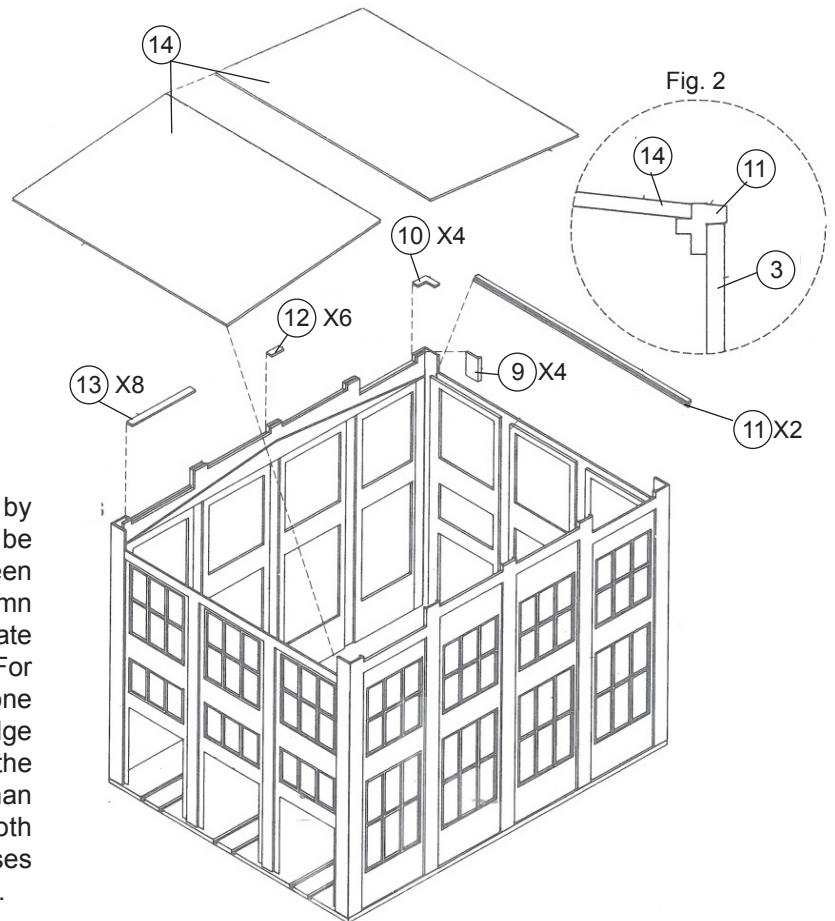


1. Glue window frames (16, 18) to appropriate openings in the end walls (3). Glue windows (20, 22) in place. NOTE: If you wish to have the doors in a closed position, glue them (19) in place. Next, glue frames (16, 17) and windows (20, 21) in place on the side walls (2).

2. Glue end pilasters (4) to end walls (3). Then, glue four support columns (6) to the inside of each end wall. NOTE: The support columns that go in the corners must have their lower crane support brackets removed so not to interfere with the windows (see fig. 1) Next, glue craneway girders (8) in place on support columns. Glue inner wall pieces (5) to backs of side walls (2). Now, glue the walls to the base (1) and the trusses (7) to the upper brackets of the middle two support columns. NOTE: There will be an extra truss left over.



3. Glue inner corner pieces (9) to inside of end walls. Then, glue the side wall caps (10, 12, 13) to their respective places. Next, glue end wall caps (11) in place, positioning them per fig. 2. Glue roof sections (14) in place.



4. This building is designed to be made wider by combining two or more kits. The end wall can be expanded by using the splice pilaster (23) between two wall (3) sections and gluing the support column (6) to the back of the walls, fig. 1. To accommodate the new wall size, the base must be modified. For splicing two buildings together, you must cut off one side of each base to the outside of the narrow ridge underneath, as shown in fig. 2, and then glue the modified sides of the bases together. For more than two buildings, the middle base(s) must have both sides removed fig. 3 - in addition to the end bases having one side removed, before gluing all together.

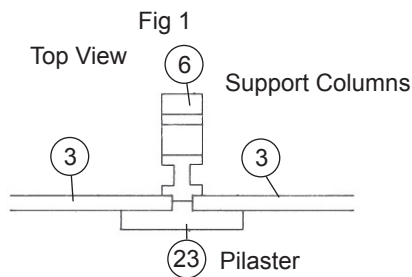


Fig 1

Top View

Support Columns

(23) Pilaster

Fig. 3 - Bottom of middle base(s) when combining three or more buildings

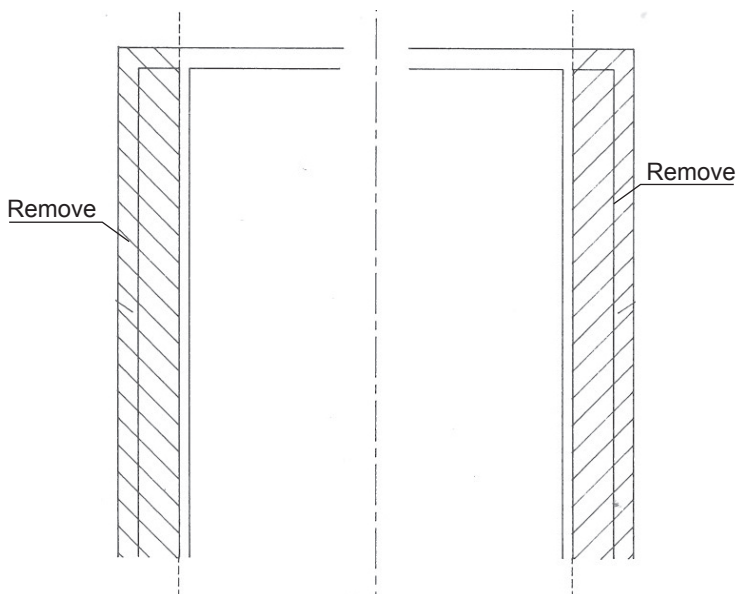
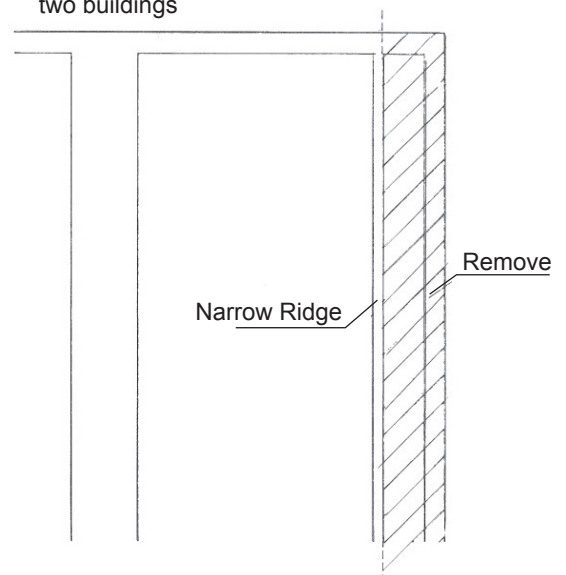


Fig. 2 - Bottom of bases when combining two buildings



## 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®.