



# N Structure Kit

## 2-STALL BRICK DIESEL HOUSE

### 933-3266

Thanks for purchasing this Cornerstone® kit. Please take a few minutes to read these instructions and study the drawings before starting construction. All parts are molded in styrene plastic, so use compatible paint and glue to assemble and finish your model. PLEASE NOTE: Because of duplicate numbers, some parts are identified with both a part number and sprue number on the exploded view drawings and in assembly steps, for example (2x19 3260E). If desired, this kit can be attached to the Machine Shop (#933-3264, sold separately) to create a larger facility; you may wish to have both kits on hand before starting.

By the mid 1940s, railroads were increasingly aware that existing facilities were not suited to the needs of their newest motive power. Routine work on steam was usually done on exposed parts, where diesels required getting “under the hood” to make mechanical or electrical repairs. About this time, the American Association of Railroads (AAR) published guidelines for the design and modernization of maintenance facilities for diesels, and major terminals soon received new diesel houses to handle inspection and light running repairs that did not require the loco to be taken out of service. To reduce costs and increase efficiency, the big structures were built much like garages, long enough to hold drawbar-connected units, and with tracks coming in at one end of the building. Most had at least two tracks, each equipped with under-track inspection pits and walkway-height servicing platforms. One track was usually equipped with a drop table to simplify changing out trucks, wheels or traction motors and a crane to lift hoods or other large and heavy parts. Based on a Milwaukee Road prototype, your new model is similar to facilities built by many roads and still in use today. For figures, details, support structures and more to build a complete facility, visit your dealer, check out the latest Walthers Reference book or visit [walthers.com](http://walthers.com) for more ideas.

### DOORS & WINDOWS

#### Standard Main Building:

Front Wall (2); Glue Overhead Door Frames (2x 12) to openings, and Overhead Door Glass (2x19 3260E) to back of each frame. Overhead Doors (2x 19 3266) may be glued to frames or left off to model an open doorway. Glue Personnel Doors (2x 14) in place as shown.

Rear Wall (4); Glue Large Windows (2x 18 to openings and Large Glass (2x 32 to openings. Glue Double-Door (17) to center opening as shown.

Side Walls (2x 3); PLEASE NOTE: Both walls are identical, however the Office may be installed on either the left or right side of the building; a typical installation is shown. Once you select a location, glue Inserts (2x 20) to lower half and Small Windows (2x 21) in the upper half of window frames. Glue Large Windows (14x 15) to remaining openings. Glue Large Glass (16x 22) to back of all Windows.

#### Office:

Front (6) and Rear (8) Walls; Glue Office Door (13) and Door Glass (33) as shown, glue Office Window (16) to opening; glue Office Window Glass (23) to back of window.

Side Wall (7); glue Office Windows (2x 16) to opening; glue Office Window Glass (2x 23) to backs of windows.

#### STANDARD MAIN BUILDING ASSEMBLY:

1. The Base matches the height of Code 80 N Scale track; sections of rail (both sold separately) can be installed in the grooves in the Base if desired; if you will be powering your tracks, you may wish to drill holes or make other modifications to clear feeder wires.

2) Use raised ridges on Base to align parts and glue Front (2), Left and Right Side (2x 3) and Rear Walls to base and at inside corners where parts meet. Glue Entry Steps (2x 22 3266) to Base in front of Personnel Doors.

3) Glue Vents (10x 11) to Main Roof (10); the completed roof can be set in place on the raised ridges at the top of the wall assembly for easy access or to add interior details and lighting (both sold separately) if desired.

#### OPTIONAL ATTACHED MACHINE SHOP (#933-3264, sold separately)

1) Please refer to Step 5 in the Machine Shop assembly instructions; do not attach Machine Shop Long Side Wall (#3 from #933-3264) when assembling the kit.

2) Glue Adapter (9 included with Diesel House; use this in place of part #4 from #933-3264) to top of the Machine Shop Walls (#2, #5 from #933-3264); align slots with the pilasters and place against Diesel House Wall (3).

#### OFFICE ASSEMBLY:

1) Use raised ridges on Base (5) to align parts and glue Front (6), Rear (8) and Side (7) Walls to base and at inside corners where parts meet. Glue Entry Steps (22) to Base in front of Office Doors.

2) Roof (23) can be set in place on the raised ridges at the top of the wall assembly to add interior details and lighting (both sold separately) if desired.

3) Glue completed Office to desired location.

### 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®.

