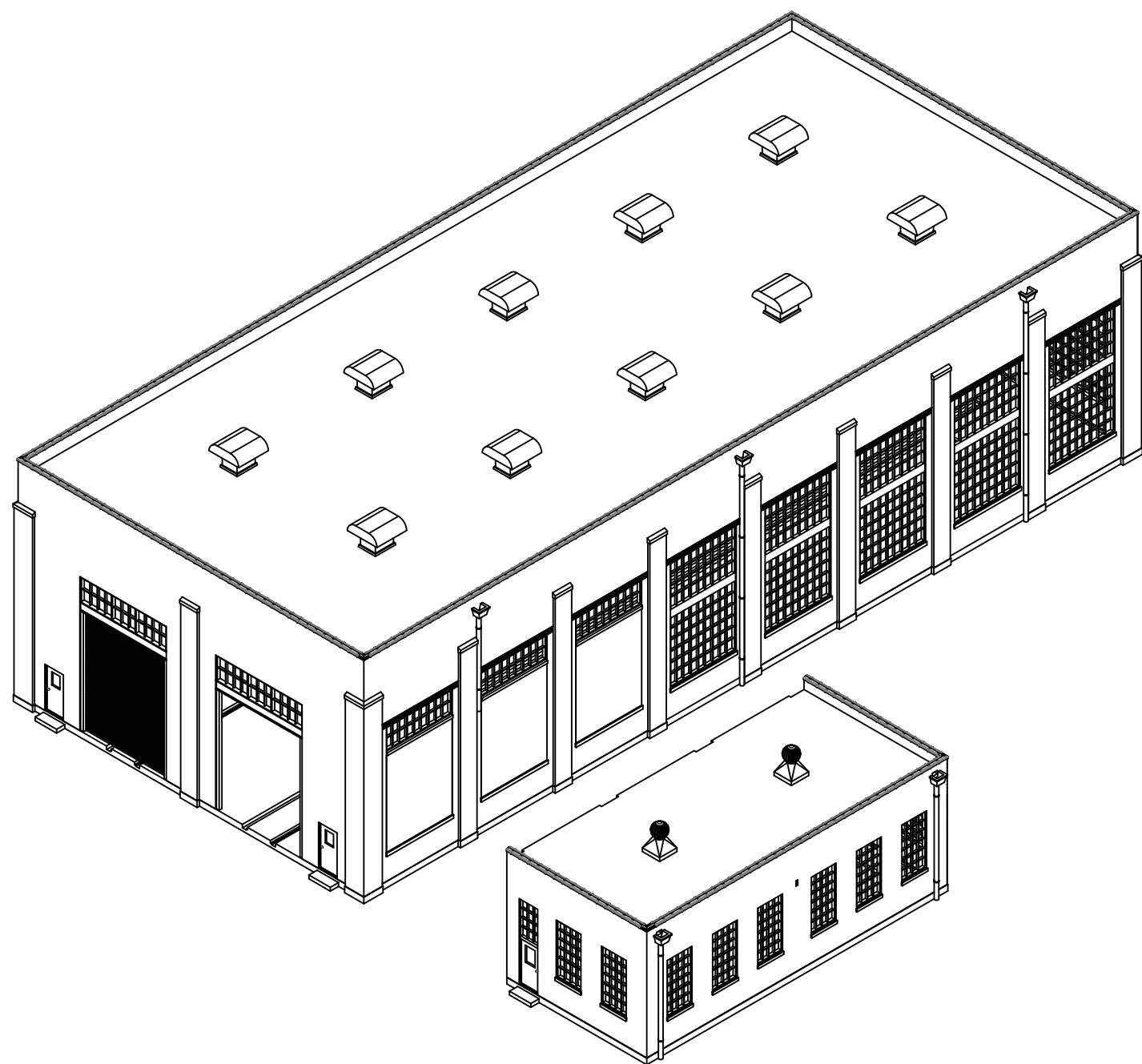




For assistance with missing or damaged parts, please visit trains.walthers.com/parts-warranty, call 1-800-4-TRAINS M-F from 8:00 AM to 4:30 PM CT, or write to us at Wm. K. Walthers, Inc. 5601 W. Florist Ave, Milwaukee, WI 53218. Please be aware all inquiries are handled in the order received.



HO Structure Kit
**TWO-STALL
 ENGINE HOUSE**
 933-2923

Thanks for purchasing this Cornerstone kit. Please take a few minutes to read these instructions and study the drawings before starting construction - if you're not sure how parts go together, test fit before gluing! All parts are styrene plastic so use compatible glue and paint to assemble and finish your model. You may find it easier to assemble larger parts and paint them as subassemblies, while smaller parts can be painted on the sprues and touched up after installation. If you wish to paint your model, wash all parts in warm water and plain dish soap, rinse thoroughly and allow to dry before painting. PLEASE NOTE: The office may be installed on the left or right side of the finished structure, or can be left off if desired. Base (1) is designed to accept Code 83 rail, such as Walther's Track #948-83000; you can also remove ties from a section of Code 83 Flex Track #948-83001, both sold separately. For ease of assembly and final installation on your layout, you may wish to have these on hand before starting construction.

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. One track was sometimes 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 for more ideas.

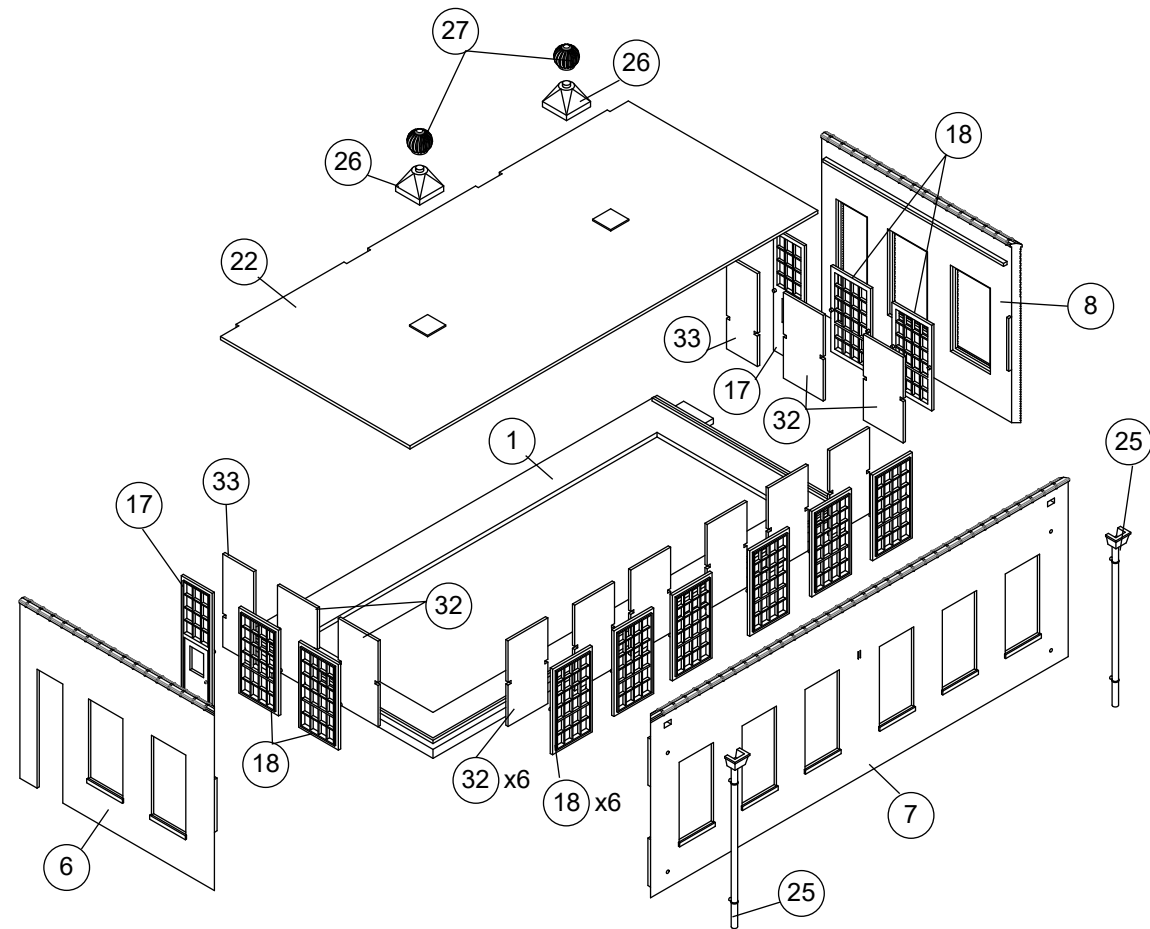
DOORS & WINDOWS

To prevent damage to the clear plastic parts, we suggest using white glue to attach "glass" to all windows.

Office Windows and doors:

Front (6) and Rear (8) Walls; Glue Office Door (17) and Door Glass (33) as shown, glue Office Window (2x 18) to openings; glue Office Window Glass (2x 32) to back of Office Windows.

Side Wall (7); glue Office Windows (6x 18) to openings; glue Office Window Glass (6x 32) to backs of windows.



OFFICE ASSEMBLY:

- 1) Use raised ridges on Office Base (1) to align parts and glue Front (6), Rear (8) and Side (7) Walls to Base and at inside corners where parts meet.
- 2) Glue Vent Bases (2x 26) to raised areas on Roof (22); complete assembly by gluing Vents (2x 27) to tops of Bases. Roof can be set in place on raised ridges at top of wall assembly to add interior details and lighting (both sold separately) if desired, or glued in place.

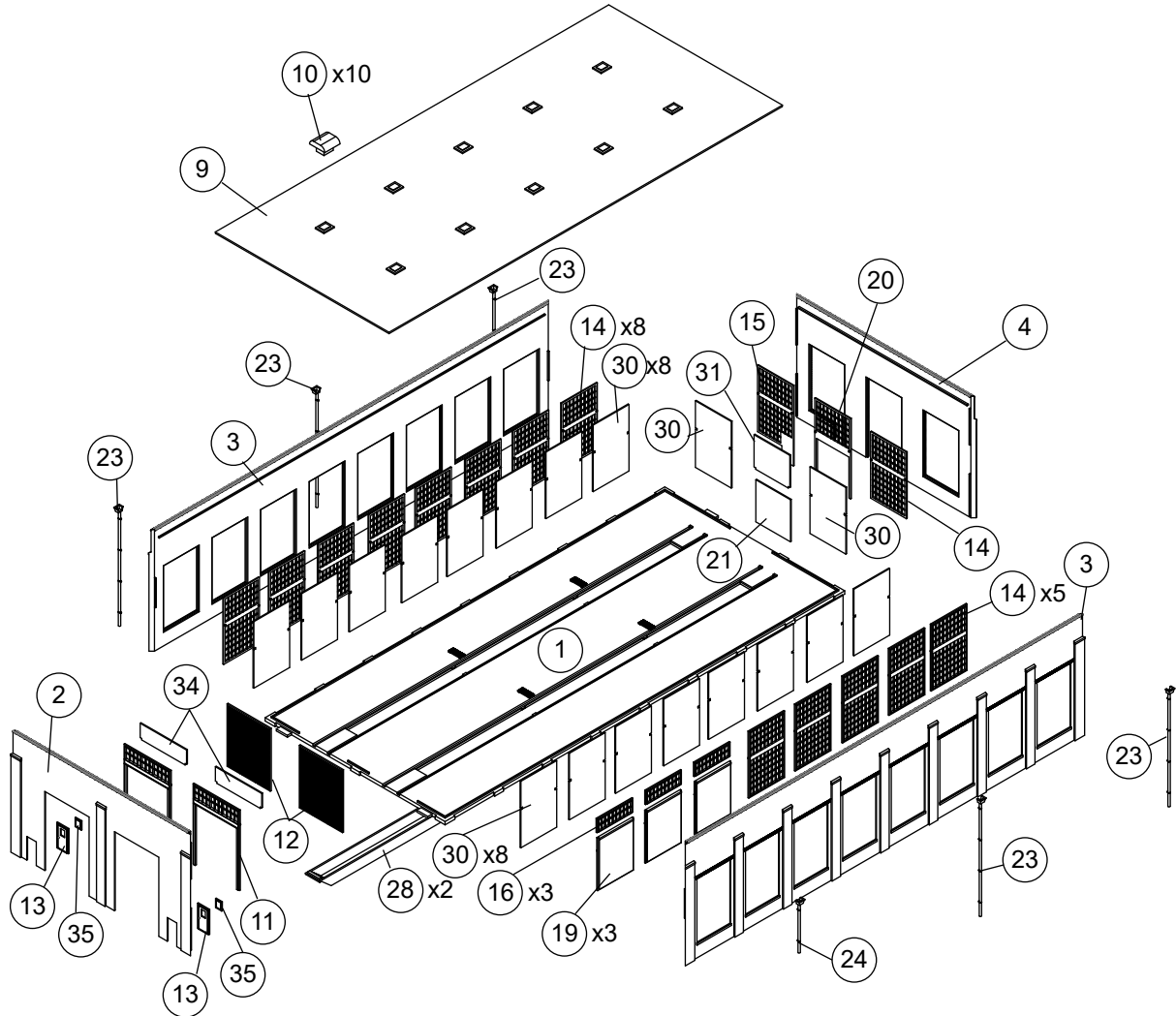
Main Building Windows Doors and Details:

Front Wall (2); Glue Overhead Door Frames (2x 11) to openings, and Overhead Door Glass (2x 34) to back of each frame. Overhead Doors (2x 12) may be glued to frames or left off to model an open doorway. Glue Personnel Doors (2x 13) in place as shown.

Rear Wall (4); Glue Large Windows (2x 15) to left and right openings and Large Glass (2x 30) to back of Windows. Glue Double-Door Frame (20) to center opening as shown. Glue Double Door to lower opening. Glue Entry Glass (31) to top of doorframe.

Side Walls (2x 3); PLEASE NOTE: Both walls are identical, however the Office may be installed on either the left or right side (or not used), which will determine where to install Inserts (3x 19) and Small Windows (3x 16), along with Short Downspout (24); this illustration shows a typical assembly with the Office at the right front.

Once you select a location, glue Inserts (3x 19) to lower half and Small Windows (3x 16) in the upper half of the Side Wall. Glue Large Windows (5x 14) to remaining openings on Sidewall where office will be placed. Glue remaining Large Windows (8x 14) to opposite Sidewall. Glue Large Glass (16x 30; eight per side) to backs of all Windows. Glue Short Downspout (24) above office location. Glue Large Downspouts (5x 23) at center and outside corners as shown.



STANDARD MAIN BUILDING ASSEMBLY

- 1) PLEASE NOTE: Optional below ground Inspection Pits (2x 28) are provided; for ease of handling, we suggest installing the pits on the underside of Base (1) after completing assembly of the structure. If used, your layout surface must be modified to provide adequate clearance below each pit. Use the base to determine the final location of your Engine House, and mark the location of each pit/s. For easier installation, you may wish to simply paint the layout surface black to suggest a recessed area.
- 2) Grooves in the Base accept Code 83 rail, or use a section of flex track with the ties removed (both sold separately). Run electrical feeder wires (sold separately) to each rail: some modification of the Base may be needed, and test for operation. Attach rails to Base using a water-based contact cement or CA adhesive.
- 3) Use raised ridges on Base to align parts and glue Front (2), Left and Right Side (2x 3) and Rear Wall (4) to Base and at inside corners where parts meet.
- 4) Glue Vents (10x 10) to Main Roof (9); completed roof can set in place on raised ridges at the top of the wall assembly for easy access or to add interior details and lighting (both sold separately) if desired, or glued in place.

FINAL ASSEMBLY - INSPECTION PITS

- 8) If used, glue Inspection Pits (2x 28) to inset areas on underside of Large Base (1).