



HO Structure Kit **VEHICLE MAINTENANCE YARD** 933-4122

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 styrene plastic so use compatible paint and glue to finish and assemble your model. You may find it easier to assemble and paint larger parts as subassemblies; smaller parts may be painted on the sprue for ease of handling, and touched-up after final installation.

Although they operate behind the scenes, buildings and grounds maintenance are key support services for all types of transportation and industrial facilities. While many employ their own personnel, others contract with private firms for services. Dedicated facilities are provided on site, which can range from storage sheds to fully equipped garages maintaining all types of vehicles. While these buildings may be painted or landscaped to blend in with their surroundings, most share the same kinds of modular construction methods and materials as other buildings throughout the complex. One of the most common and popular styles are prefabricated metal "pole buildings," modernized versions of the original "pole barns" developed for agricultural use in the 1930s. Construction is much the same, although steel beams are used for the framing, and the structure is enclosed with steel sidewall and roof panels. This leaves the floor space completely open, and entry, vehicle or dock doors can be installed at almost any location. A concrete floor is usually the final step, which is ideal for garages or shop buildings, however interiors can also be customized to include offices and similar facilities. As the basic structural components can be obtained in sizes large or small, design and construction easily be customized for specific needs, but still allow for easy modification and enlargement should the need arise. With parts for five typical buildings, your new model builds a full range of facilities supporting a large industry, intermodal terminals and similar railroad yard operations, airports, highway maintenance facilities and industrial parks. Each structure can also be used by itself to model smaller or free standing facilities. For additional scenery materials, structures, vehicles, figures and more to finish your scene, see your participating hobby dealer, check out the current Walther's Model Railroad Reference Book, or visit us online at walthers.com.

3-BAY GARAGE

1) Doors & Windows

Front Wall (2): Entry Door (22), PLEASE NOTE: Overhead Doors (3x 8) may be glued in place as shown or left off to model open doors.

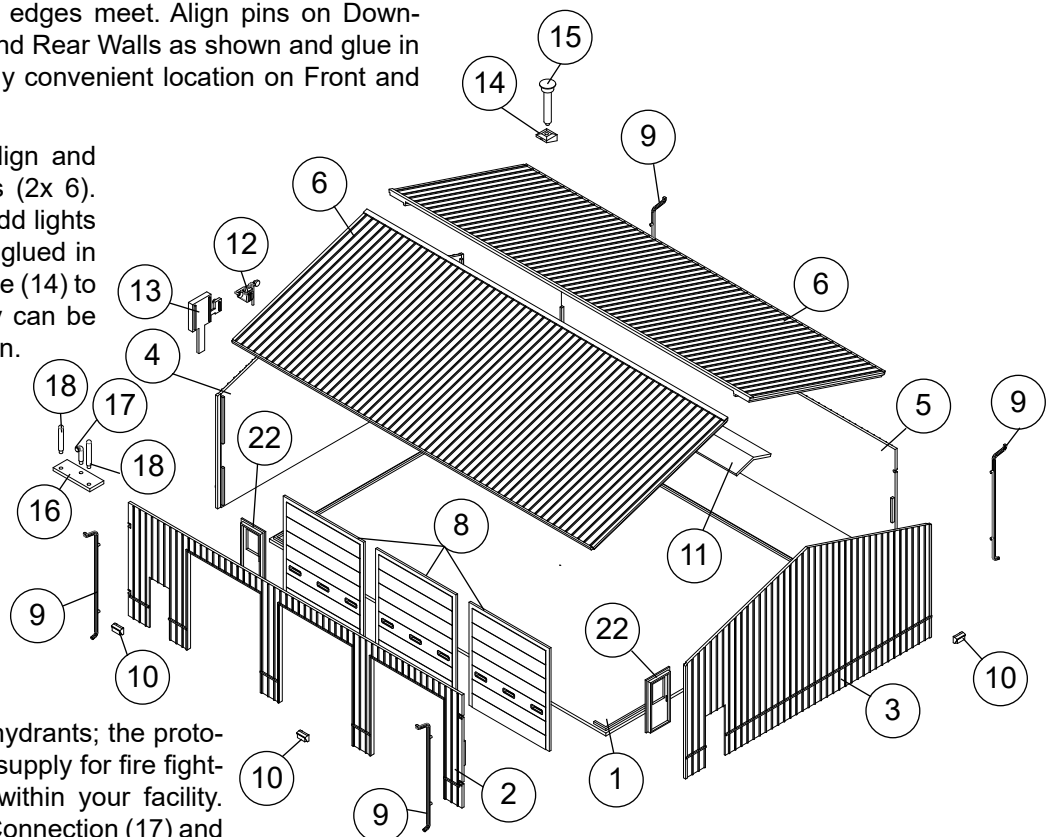
Right Wall (3): Entry Door (22).

Acetate is provided for glass; cut pieces slightly larger than windows or doors and glue to back with white glue.

2) Using raised ridges on Base (1), and tabs and slots molded on inside corners, glue Front (2), Right (3) and Left (4) Sidewalls, and Rear Wall (5) to base and at inside corners where edges meet. Align pins on Downspouts (4x 9) with openings in Front and Rear Walls as shown and glue in place. Glue Security Lights (10) to any convenient location on Front and Right Side Wall.

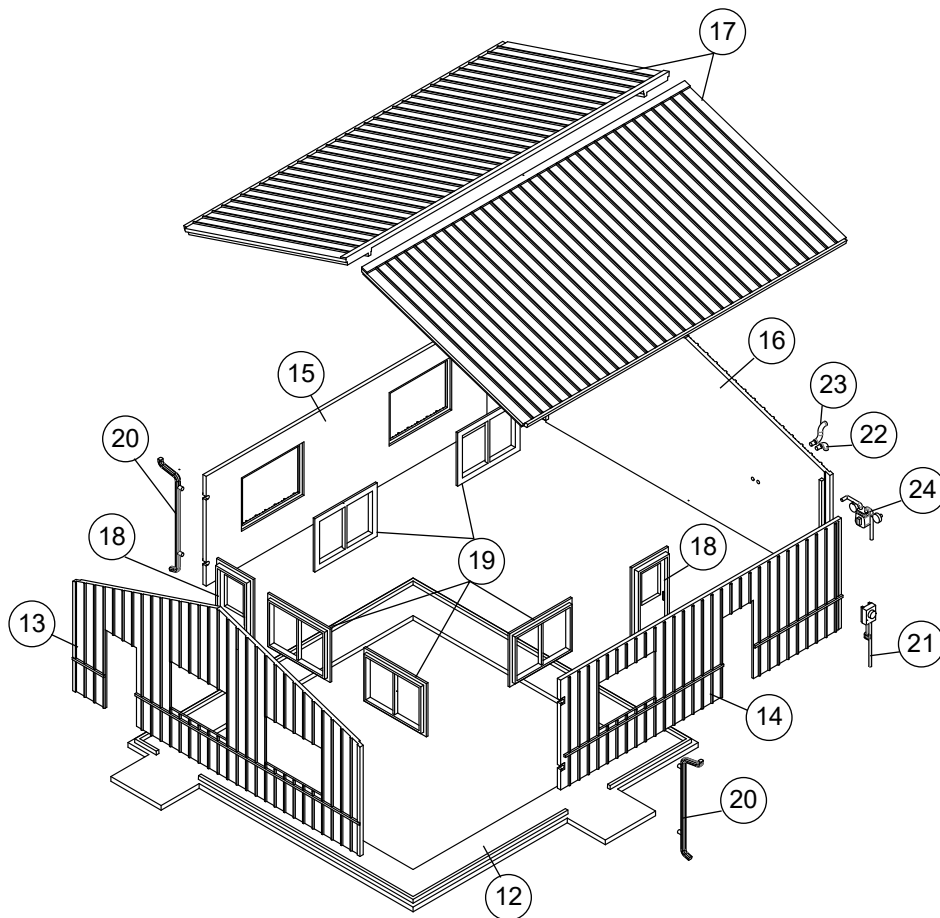
3) Using inset area on underside, align and glue Roof Brace (11) to Roof Halves (2x 6). Finished roof may be set in place to add lights or interior details (sold separately) or glued in place as desired. Glue Smokejack Base (14) to Smokejack (15); completed assembly can be glued to roof at any convenient location.

4) PLEASE NOTE: The small round pieces molded on the Gas Meter (12) simulate regulator valves - do not remove when cutting from sprues - Glue Gas Meter and Electrical Panel (13) to any convenient location.



DRY HYDRANTS (STAND PIPES)

1) Parts are included to build two dry hydrants; the prototypes provide a connection to a water supply for fire fighting, and can be installed anywhere within your facility. Assemble both by gluing Dry Hydrant Connection (17) and Safety Posts (2x 18) to openings in Hydrant base (16).



OFFICE

1) Doors & Windows - insert parts into openings in walls and glue in place as follows:

Front Wall (13): Entry Door (18), Windows (2x 19)

Right Wall (14): Entry Door (18), Window (19)

Left Walls (15): Windows (2x 19)

2) Acetate is provided for glass. Cut pieces slightly larger than windows and doors, and glue in place to backs of walls with white glue.

3) Use raised ridges on Base (12) and tabs and slots to align parts, glue Front (13), Right (14), Left (15) and Rear (16) Walls to Base and at inside corners where parts meet.

4) Carefully apply glue to pins on Downspouts (2x 20) and glue to mounting points on front corners as shown. Glue High-Efficiency Furnace Inlet (22) and Discharge (23) Pipes to openings on Rear Wall as shown. Glue Electric Meter (21) to left side of doorway on Side Wall (14) as shown. PLEASE NOTE: The small round parts on the Gas Meter (24) simulate regulator valves - do not remove these parts when trimming the meter from the sprue; meter can be glue to any convenient point on Rear Wall (24).

5) Align and glue Roof Halves (2x 17) along center as shown; completed Roof may be set in place on top of walls to add lights or interior details (sold separately), or glued in place as desired.

LIGHT REPAIR FACILITY

1) Doors & Windows

Rear Wall (36): Window (40)

Left & Right Side Walls (2x 35): Windows (2x 40; one per wall)

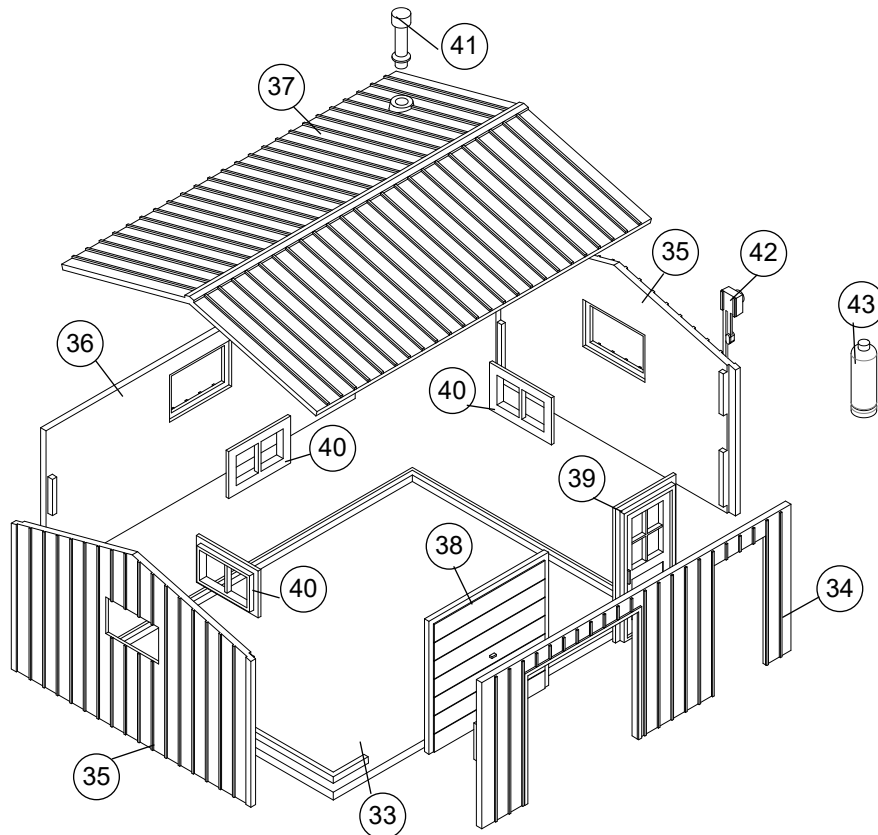
Front Wall (34): Entry Door (39); PLEASE NOTE: Overhead Door (38) may be glued in place as shown, or left off to model open door.

Acetate is provided for glass; cut pieces slight large than windows or doors and glue to back with white glue.

2) Using raised ridges on Base (33), and tabs and slots molded on inside corners, glue Front (34), Left and Right Sidewalls (2x 35) and Rear Wall (36) to base and at inside corners where edges meet.

3) Glue Smokejack (41) to Roof (37); finished roof may be set in place to add lights or interior details (sold separately) or glued in place as desired.

Electric Meter (42) can be glued to wall at any convenient location. Vertical Propane Tank (43) can be placed near the finished structure as desired.

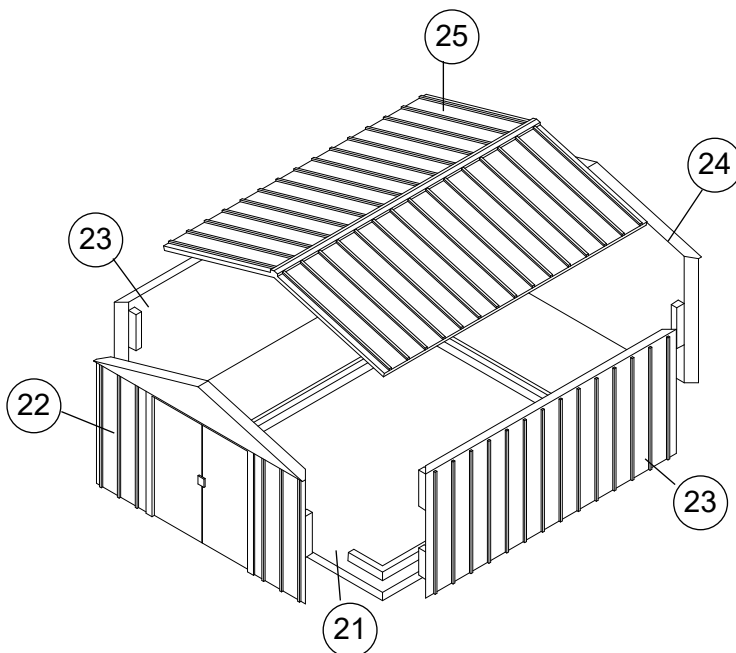
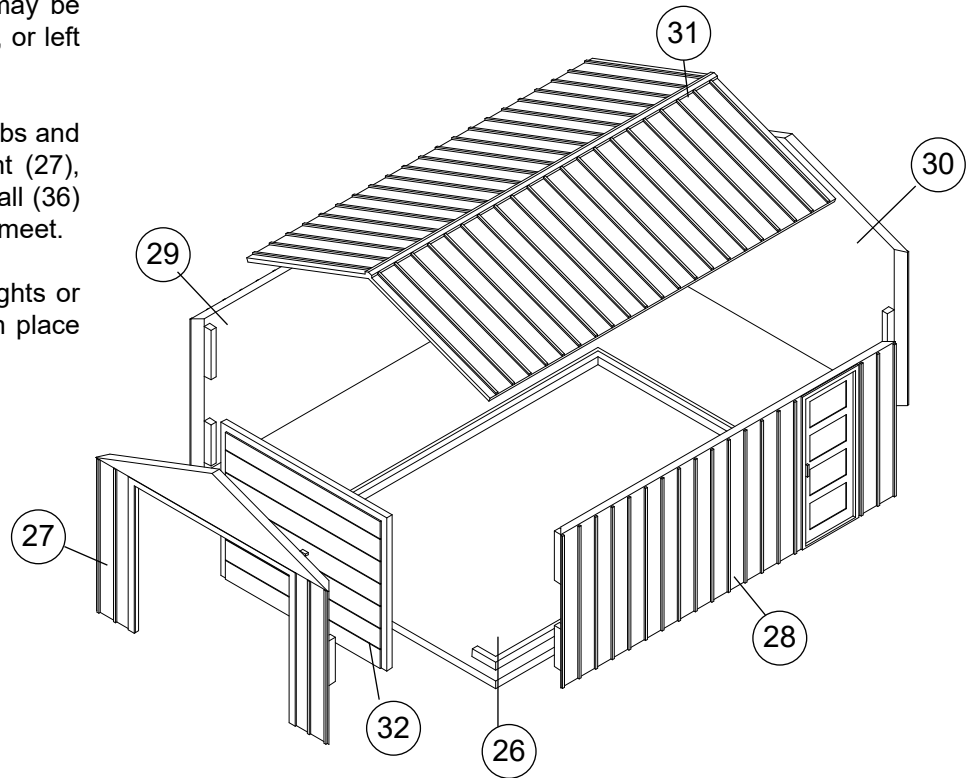


SINGLE CAR GARAGE

1) PLEASE NOTE: Overhead Door (32) may be glued in place to Front Wall (27) as shown, or left off to model an open door.

2) Using raised ridges on Base (26), and tabs and slots molded on inside corners, glue Front (27), Right (28), Left (29) Sidewalls and Rear Wall (30) to base and at inside corners where edges meet.

3) Roof (31) may be set in place to add lights or interior details (sold separately) or glued in place as desired.



SMALL SHED

1) Using raised ridges on Base (21), and tabs and slots molded on inside corners, glue Front (22), left and Right Sidewalls (2x 23) and Rear Wall (24) to base and at inside corners where edges meet.

2) Roof (2) may be set in place to add lights or interior details (sold separately) or glued in place as desired.