



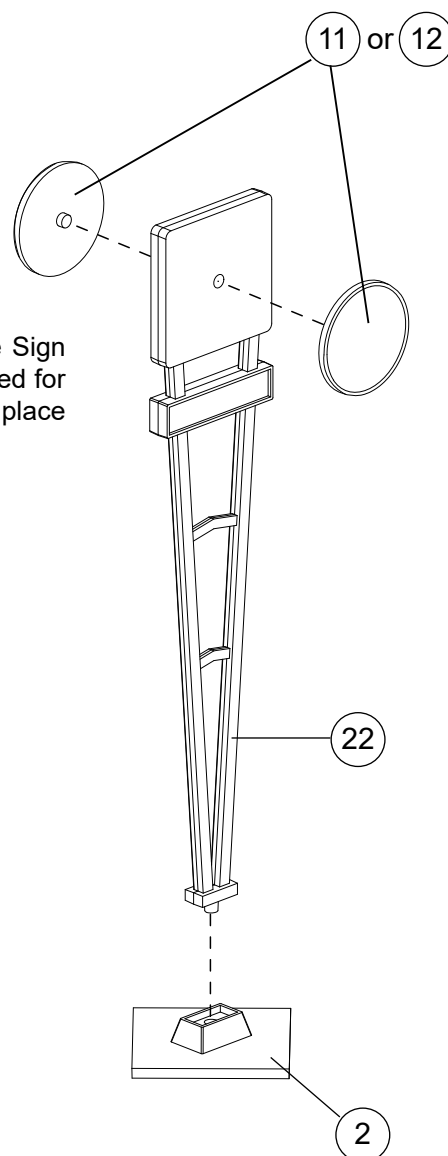
HO Structure Kit **VINTAGE GAS STATION** 933-3541

Thanks for purchasing this Cornerstone kit. Please take a few minutes to read the instructions and study the drawings before starting construction - if you're not sure how parts go together, test fit before gluing! Most parts are styrene plastic so use compatible glue and paint to assemble and finish your model. You may find it easier to first 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:** Some optional parts are included; choose one version and follow the appropriate steps. Leftover parts can be kept for future projects or discarded as desired.

As automobiles shifted from novelty to necessity, oil companies began cashing in on the need for fuel and service in larger cities and towns. As competition heated-up in the years before WWI, gas stations were among the first roadside businesses to combine unusual designs and bright color schemes to attract customers. Along with gasoline sales, many dealers also began offering basic supplies and repairs. To provide some protection from the weather and store tools and supplies, many added a garage-like structure alongside the office building, creating the first "service stations." Although the structures continued to evolve, attached service bays would be standard fixtures well into the 1960s. Typical of the flashier stations that began appearing in the early 1960s, your new model will be a great addition to the main street of your HO community. Along with the Main Building and Gas Pump Islands, the Asphalt Parking Lot can be expanded at any time with the Asphalt Gas Station Parking Lot kit #933-3544, sold separately. For additional figures, vehicles, scenery supplies and more to finish your new business, see your participating hobby dealer, check out the latest Walthers Model Railroad Reference Book or visit us online at walthers.com.

Large Sign

1) Insert pin on bottom of Support (22) into opening in Large Sign Base (2) and glue as shown. **PLEASE NOTE:** Parts are included for Round (2x 11) or Square (2x 12) signs. Choose one and glue in place to Support as shown.



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 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.

Main Building

2) Doors & Windows

We suggest using white glue to secure the clear plastic window "glass" in place to avoid damage.

2A) Front Wall (4): Office Glass (38), NOTE: Service Bay Doors (2x 21) may be glued in place or left off to model and open door; if used, glue Service Bay Door Glass (2x 43) behind doors. Upper Left (40) and Right (41) Bay Glass, Left (36) and Right (37) Trim Panels.

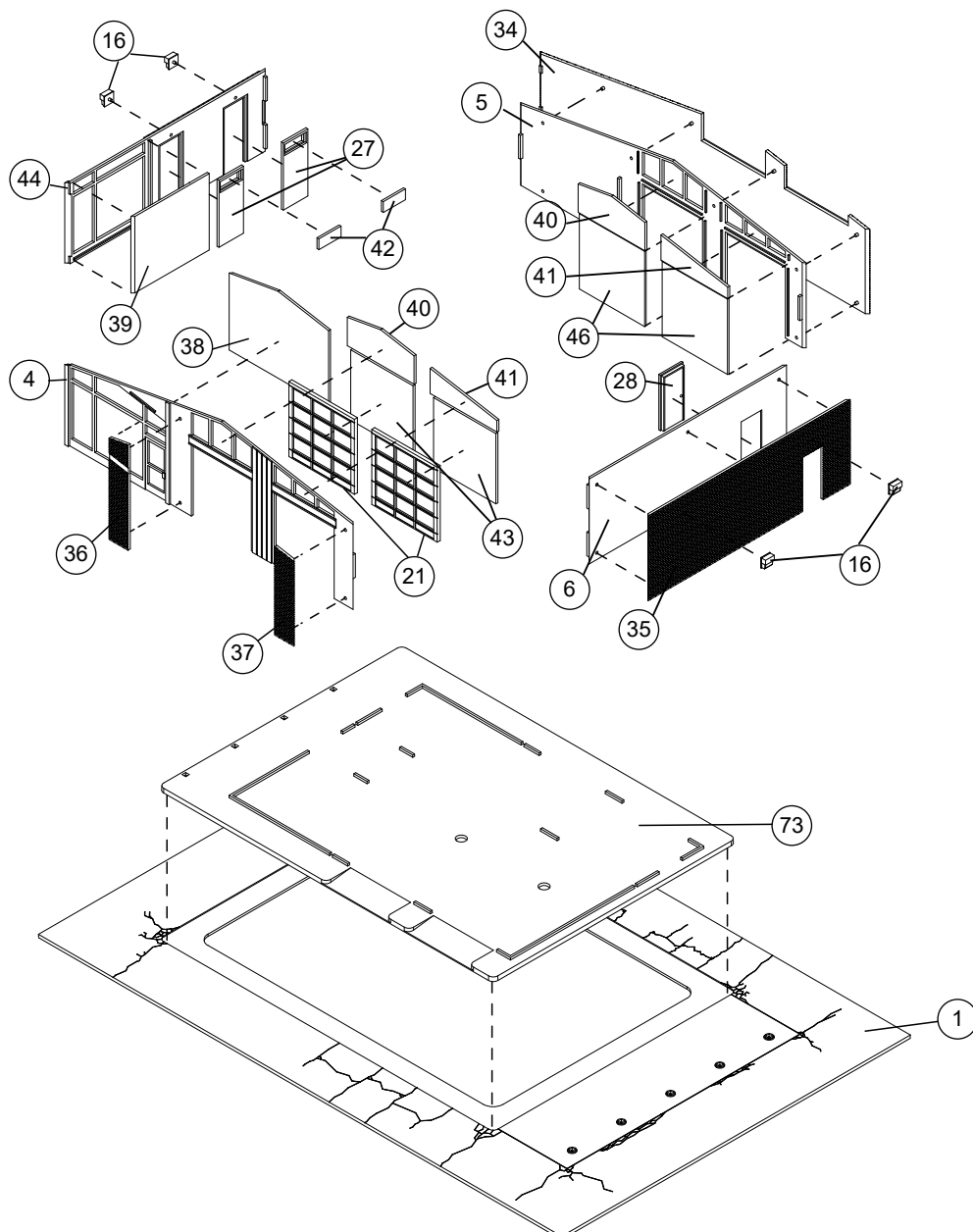
2B) Left Wall (44): Insert and glue Security Lights (2x 16) to openings; Left Window Glass (39) is glued inside Wall (44) as shown. Glue Restroom Doors with Transoms (2x 27) to openings; glue Transom Glass (2x 42) in place as shown.

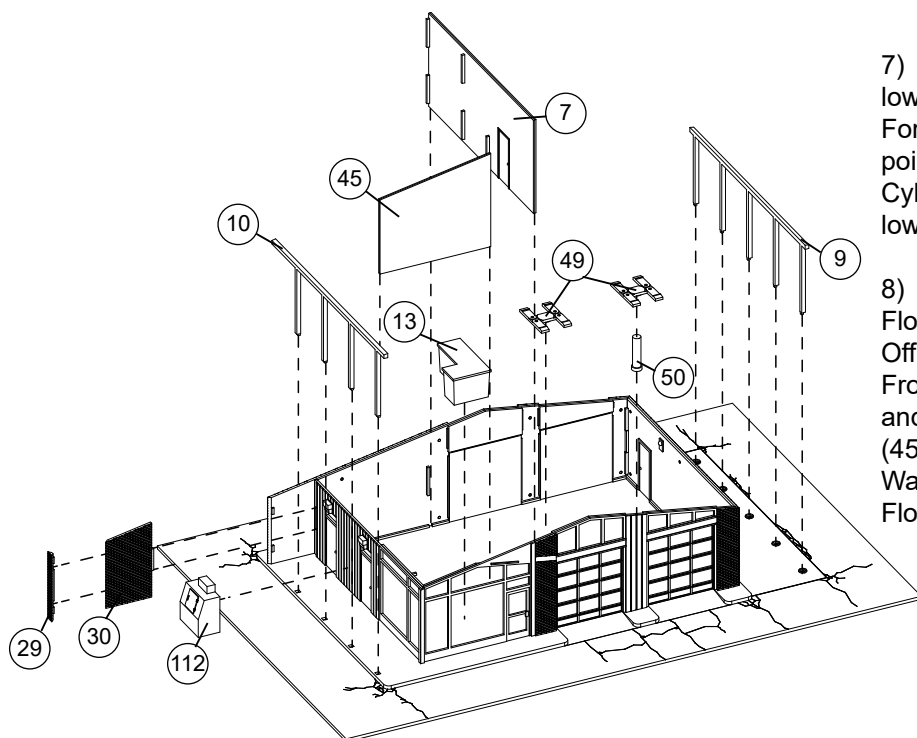
2C) Right Wall: Align pins on Right Exterior Wall (35) with mounting points in Right Interior Wall (6) and carefully glue together. Glue Security Lights (2x 16) to openings in Exterior Wall. Insert and glue Entry Door (28) from inside as shown.

2D) Rear Wall: Align pins on Rear Exterior Wall (34) with mounting points in Interior Rear Wall (5) and carefully glue together. Glue Insert Panels (2x 46), Center (40) and Right Side Rear Glass (41) as shown.

5) Note the correct alignment of the Floor (73) in the inset area of the Base (1) as shown, and glue where parts meet.

6) as shown and glue where parts meet along lower edge and at each inside corner.





7) Note that both lifts can be installed in the lowered position, however one may be raised. For lower, glue Ramps (2x 49) to round mounting points on floor. For a raised lift, glue Hydraulic Cylinder (50) to underside of Ramp (49). Glue lower end cylinder to opening in floor.

8) Glue Counter (13) to raised ridges at left of Floor. With door facing as shown, align Right Office Interior Wall (7) ahead of tabs on Interior Front and Rear Walls and raised ridges on Floor, and glue in place. Align Left Office Interior Wall (45) ahead of tabs on Interior Front and Rear Walls and Right Office Wall, and raised ridges on Floor, and glue in place.

9) Align tabs and slots on rear of Alcove Front (29) and Interior Wall (30) and glue where parts meet. Align Front Alcove Wall with tabs on Rear Wall (34), and glue wall and Base. Align pins on lower ends of Right (9) and Left (10) Support Columns with openings in Floor and glue where parts meet. Place Ice Machine (112) alongside Right Side Wall and glue to Floor.

Roof-Mounted Sign

8) Choose the Round (11; shown) or Square (12) sign to match Large Sign. Insert Pin on back of Sign to mounting point in Left and Right Side Walls (31) and glue in place. Align tabs and slots on inside back of Side Walls and Front and Rear (2x 32) Walls and glue where parts meet.

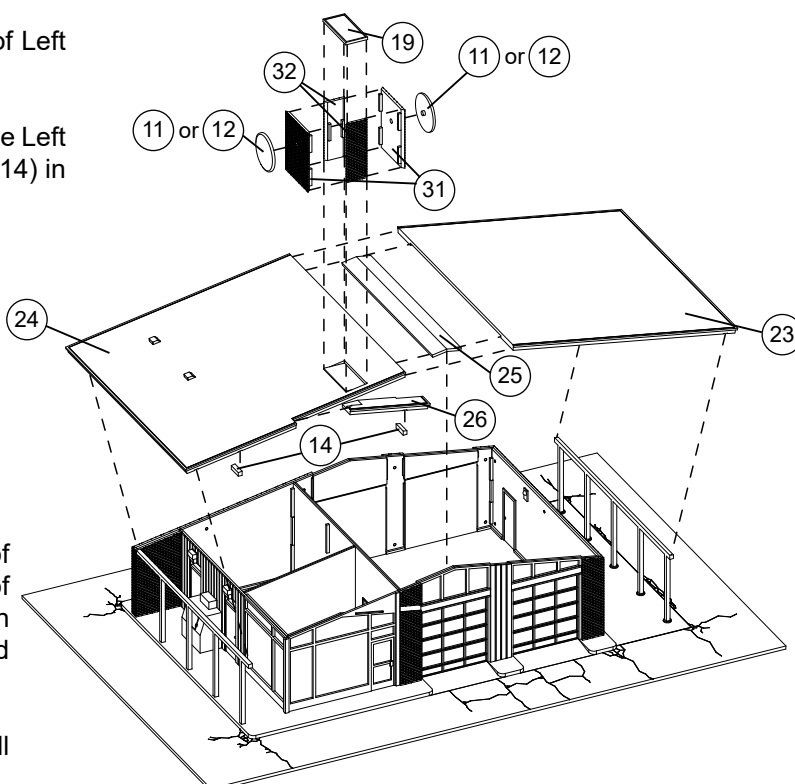
Roof

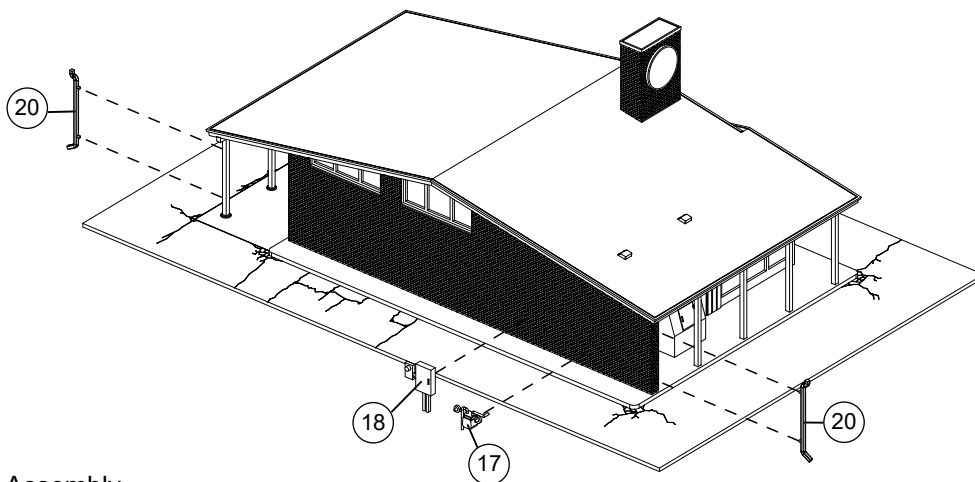
9) Align Front Roof Insert (26) with opening at front of Left Roof Half (24) and glue in place.

10) Note the locating ridge on the underside front of the Left Roof Half (24); align and glue Decorative Beams (2x 14) in these locations as shown.

11) Note the locating ridges on the underside center of the Right (23) and Left (24) Roof Halves; glue Roof Support (25) on underside of either Roof Half. Align remaining Roof Half on opposite side of Support and carefully glue where parts meet.

12) Align edges of Roof with tops of Supports and Wall Assemblies, and carefully glue where parts meet.





Final Assembly

13) Align pins on Downspouts (2x 20) with mounting points at corners of back wall and glue in place.

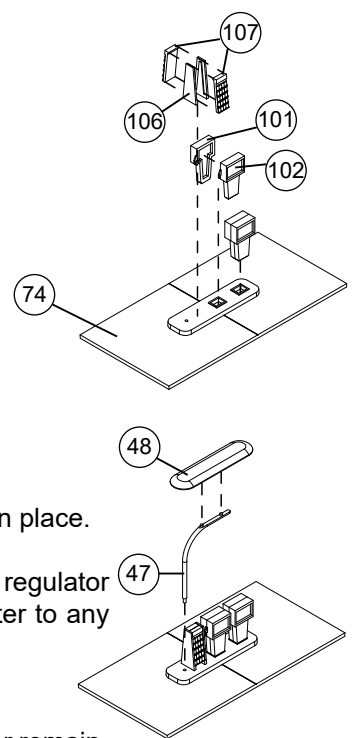
14) PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (17) simulate regulator valves - do not remove when cutting from sprues. Glue Electrical Panel - (18) and Gas Meter to any convenient spot along back wall.

Gas Island - make two:

15) Gas Pumps - make four; glue Left (101) and Right (102) Pump Halves together. Repeat for remaining pumps. If you wish to detail your pumps, small lengths of fine gauge wire (not included) can be used to simulate hoses. Glue completed Pumps to raised areas on Island Base (74).

16) Oil Display Racks - make two; using raised ridges on Sides (2x 107) to align parts, carefully glue Displays (2x 106) to front and rear. Glue completed Oil Racks alongside gas pumps as shown.

17) Overhead Lights - make two: Align mounting points on top of Light Support (47) and underside of Light Fixture (48) and glue together. Glue lower end of Support into opening at left of Island as shown.



PARKING LOT

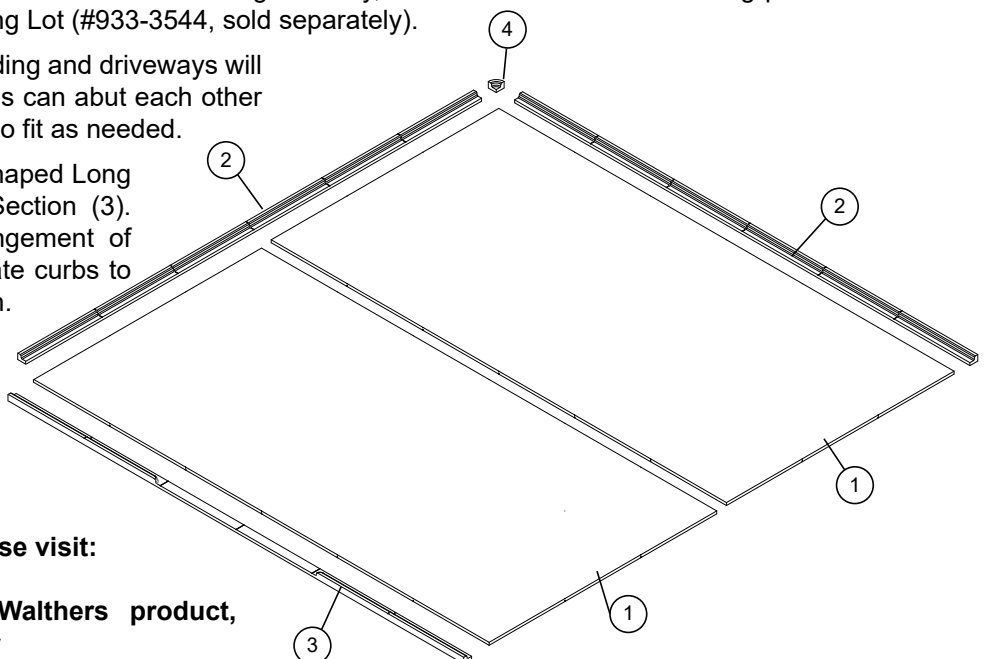
PLEASE NOTE: This kit is designed to easily be cut and customized to fit your new facility. While the top and bottom surfaces appear identical, the deeper grooves are molded cut lines and should face downward for final installation.

22) The Large Paving sections (1) are the same thickness as the structure base section in this kit: begin by determining where your buildings and driveways will be located on your layout. Paving sections can abut each other and the structure base, or be cut and glued to fit as needed. For a larger facility, six additional sets of matching parts are included in the Gas Station Asphalt Parking Lot (#933-3544, sold separately).

23) Begin by determining where your building and driveways will be located on your layout. Paving sections can abut each other and structure bases, or be cut and glued to fit as needed.

24) Note the correct alignment of the L-shaped Long Curbs (2), Corners (4) and Driveway Section (3). Once you've determined the final arrangement of structures and paving, glue the appropriate curbs to the edge of the Paving Sections as shown.

25) Sections may be set in place, or for permanent mounting, we suggest using white glue, Carpenter's glue or slow-setting epoxy to allow time for making adjustments if needed.



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