



# HO Structure Kit MODERNIZED GAS STATION 933-3542

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. Each new decade brought newer ideas, from the classic "box-style service stations" of the 1930s (many still standing today), to futuristic space-age buildings in the 1960s. With the oil embargo of the 1970s, the rerouting of major highways to new beltlines and freeways, and the growing complexity of automobiles, many older "service stations" were rapidly remodeled as "convenience centers." Looking more like a typical storefront, gasoline sales were almost an afterthought save for pump islands, covered canopies and bright lights out front. Inside, the interior was reworked to eliminate the service bays, adding larger windows, shelves and refrigerated cases. Floor plans were designed to bring customers in quickly, but slow them just enough to notice other merchandise as they made their way to the cash register. A handful of auto essentials such as windshield washer fluid were still carried, but most of the space was given over to prepackaged snacks and food products, souvenirs and impulse buy items. In rural towns where the business district was becoming a distant memory, such stores took on a role like that of the earlier general store, supplying a wider selection of groceries as well as gasoline. Today, remodeled older-style stations like your new model can still be found from coast-to-coast. Along with the Main Building and Auto Fueling Island, parts for an Asphalt Parking Lot, are included, which 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 Walther's Model Railroad Reference Book or visit us online at [walthers.com](http://walthers.com).

## Small Sign

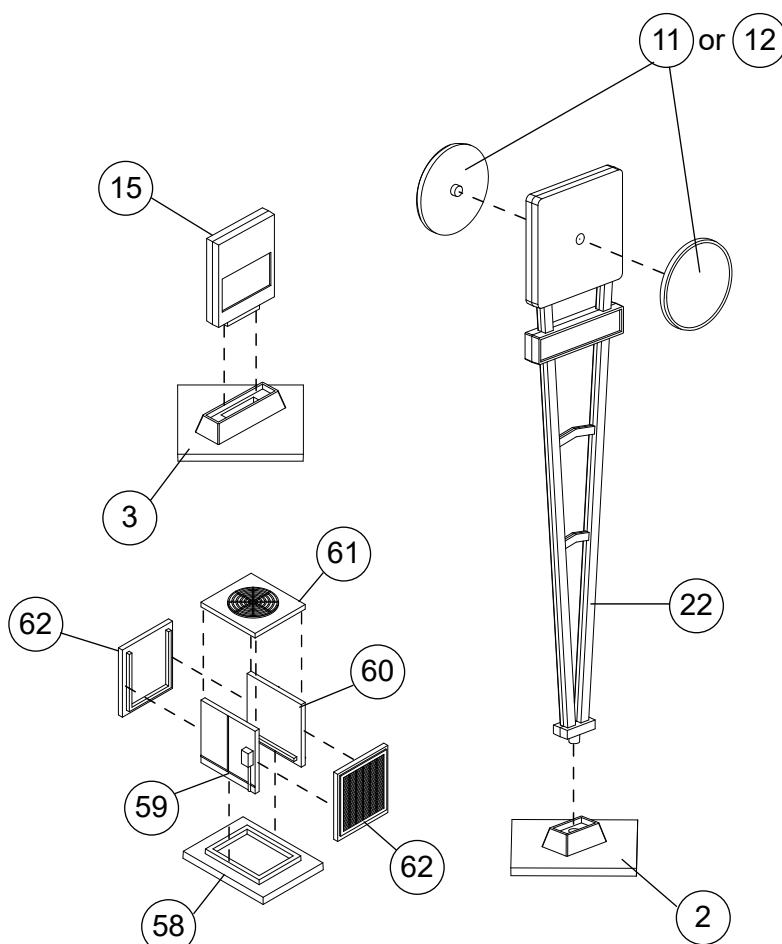
1) Insert tab on bottom of Small Sign (15) into opening in Small Sign Base (3) and glue where parts meet.

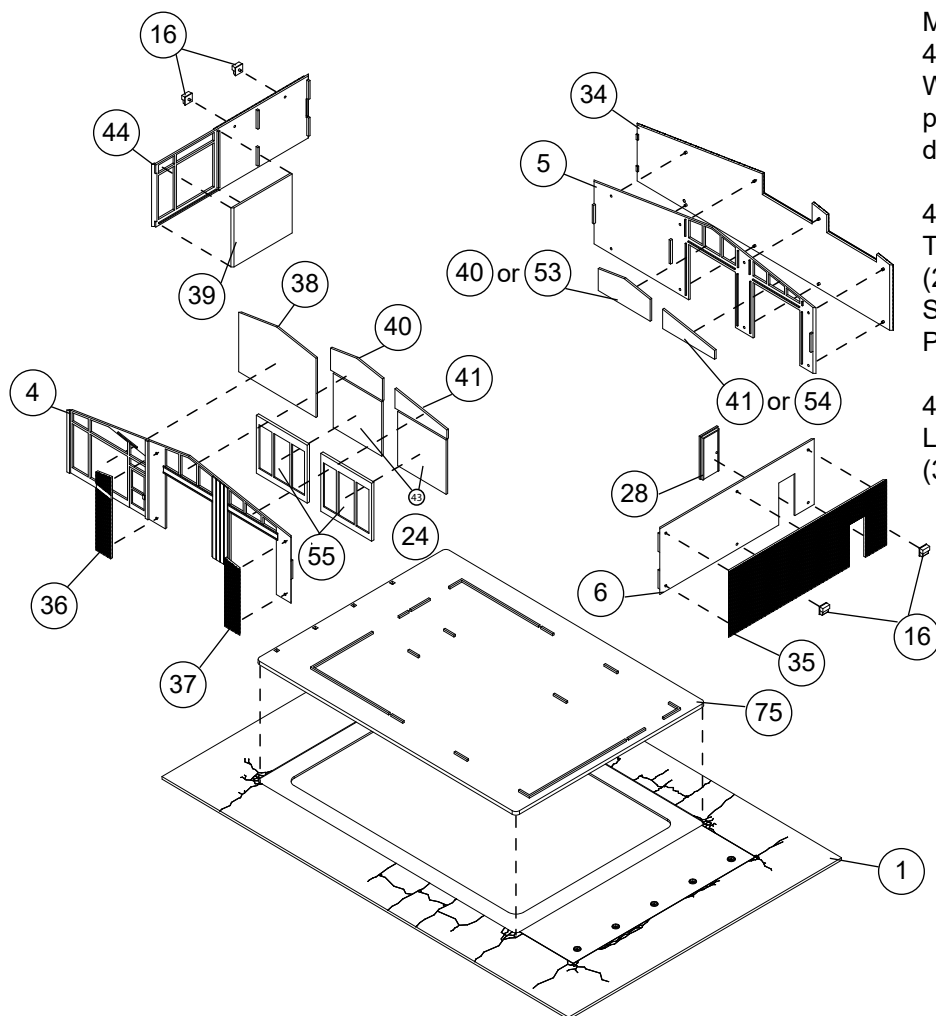
## Large Sign

2) Insert pin on bottom of Support (22) into opening in Large Main 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.

## Air Conditioner

3) Note horizontal raised ridge on inside edge of Front (59), Back (60) and Side Walls (2x 62) is the bottom; use ridges to align parts and glue to Air Conditioner Base (58) and at inside corners where parts meet. Align inset area on underside of Top (61) with wall assembly and glue where parts meet. Finished Air Conditioner will be installed in Step 14.





## Main Building

### 4) Doors & Windows

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

4A) Front Wall (4): Office Glass (38), Large Tri-Pane Windows (2x 55), Lower Front Glass (2x 43), Upper Center Glass (40), Upper Right Side Glass (41); Left (36) and Right (37) Trim Panels.

4B) Left Wall (44): Insert and glue Security Lights (2x 16) to openings; Left Window Glass (39) is glued inside Wall (44) as shown.

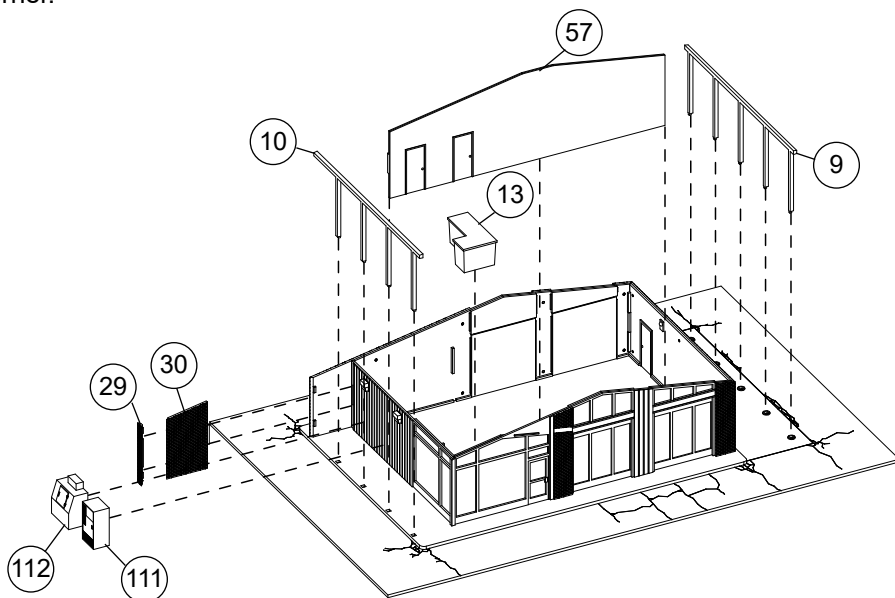
4C) Right Wall: Align pins on Right Exterior Wall (35) with mounting points in Right Interior Wall (6) and carefully glue together. Glue Security Lights (2x 16) to openings in Exterior Wall. Insert and glue Entry Door (28) from inside as shown.

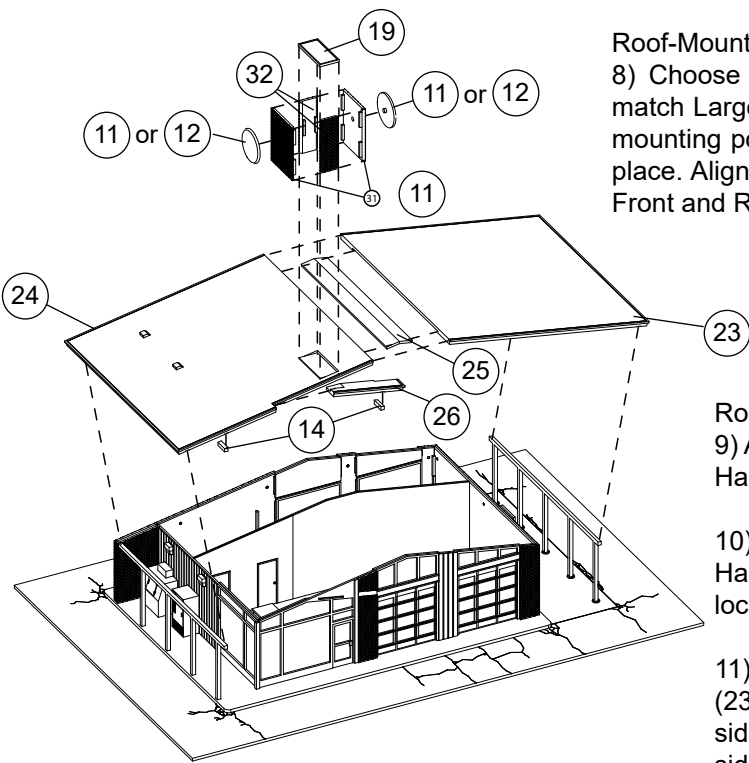
4D) Rear Wall: Align pins on Rear Exterior Wall (34) with mounting points in Interior Rear Wall (5) and carefully glue together. Rear Wall can be fitted with windows or block-out panels, choose one - With Windows, use Center (40) and Right Side Rear Glass (41). For solid wall, use Center Rear (53) and Right Rear (54) Panels.

5) Note the correct alignment of the Floor (75) in the inset area of the Base (1) as shown, and glue where parts meet.

6) Using raised ridges on Floor, and tabs and slots on inside of each wall, align parts as shown and glue where parts meet along lower edge and at each inside corner.

7) With restroom doors facing front as shown, align Interior Wall (57) ahead of tabs on Interior Left and Right Walls and raised ridges on Floor, and glue in place. Glue Counter (13) to raised ridges at left of Floor. 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 Soda Machine (111) and Ice Machine (112) alongside Right Side Wall and glue to Floor.





#### Roof-Mounted Sign

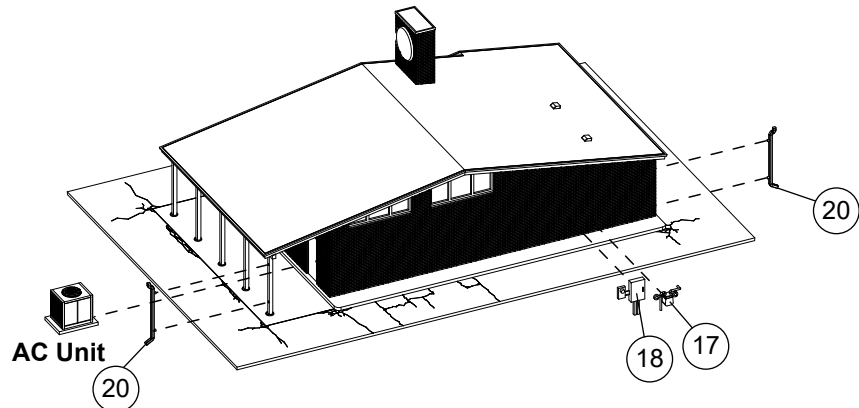
8) Choose the Round (11; shown) or Square (12) sign to match Large Sign from Step X. Insert Pin on back of Sign to mounting point in Left and Right Side Walls (31) and glue in place. Align tabs and slots on inside back of Side Walls and Front and Rear (2x 32) Walls and glue where parts meet.

#### Roof

9) Align Front Roof Insert (26) with opening at front of Right 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) Completed air conditioner from step 3 may be glue at any convenient location alongside right wall.

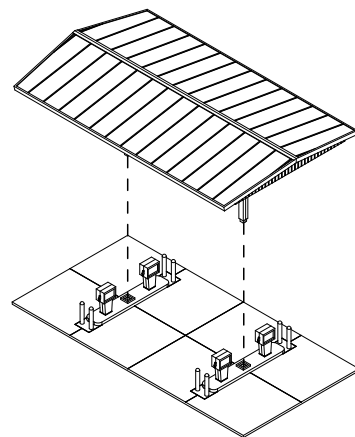
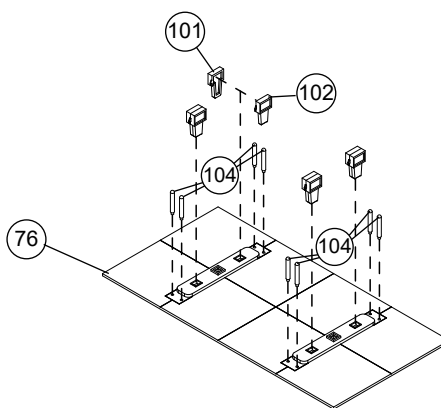
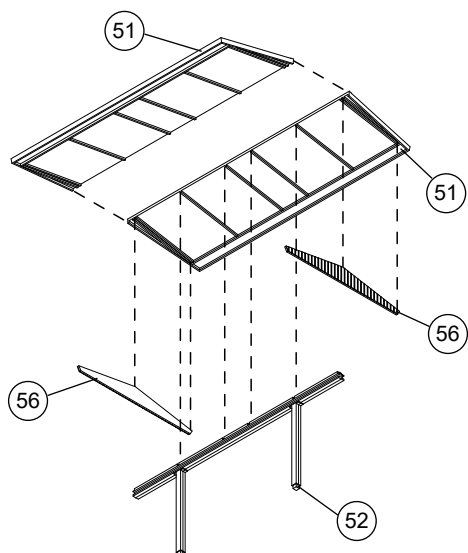
15) PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (17) simulate regulator valves - do not remove when cutting from sprues. Glue Electric Meter (18) and Gas Meter to any convenient spot along back wall.

### 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.

### PRINTED SIGNS

To mount signs, simply cut the desired name and, using a small drop of white glue on the back, glue it in place.



#### Gas Island

16) Align and glue Island Roof Halves (2x 51) along centerline as shown, and allow to dry.

17) Glue Center Island Roof Support (52) to underside of complete roof assembly.

18) Glue End Panels (2x 56) to underside of roof.

19) 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.

20) Glue four completed Pumps to raised areas on Island Base (76) as shown. Glue pin on bottom of Bollards (4x 76 per side) to mounting points in front of each island as shown.

21) Align pins on bottom of Island Roof Support with openings in Island Base and glue together.

#### PARKING LOT

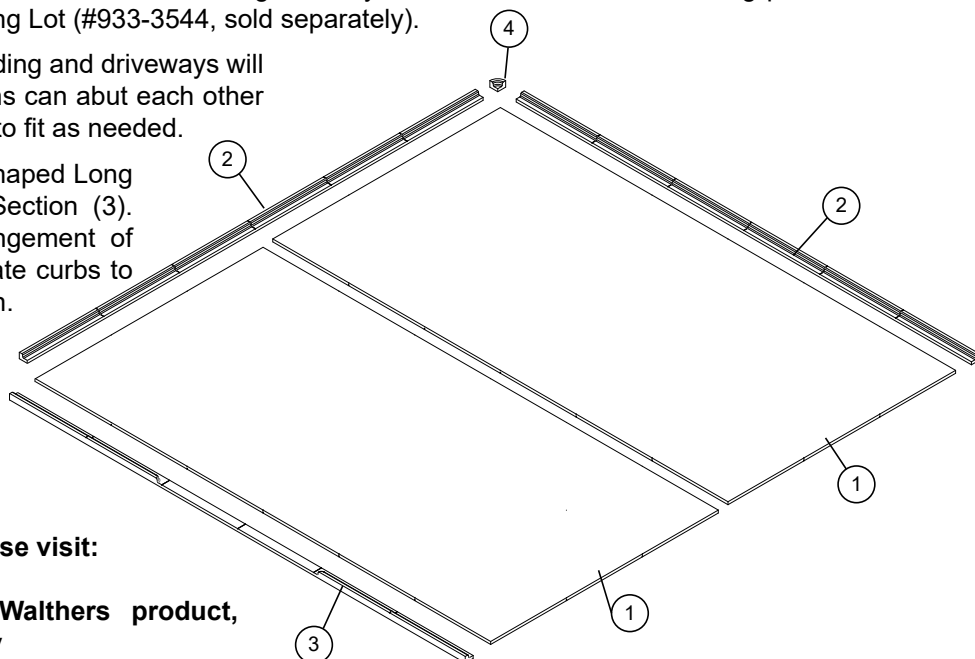
PLEASE NOTE: This kit is designed to easily be cut and customized to fit your new facility. While the top and bottom surfaces appear identical, the deeper grooves are molded cut lines and should face downward for final installation.

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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