



HO Structure Kit **MODERN TRAVEL CENTER** 933-3538

Thanks for purchasing this Cornerstone kit. All parts are styrene plastic so use compatible glue and paint to assembled and finish your model. Please take a few minutes to read these instructions and study the drawings before beginning construction. PLEASE NOTE: Individual instructions are provided for the four complete structures and parking lot included in this kit. As parts for each structure are molded in various colors, sprues will include parts for more than one building; remove parts only as needed. You may find it easier to work in stages, assembling and painting some parts in your corporate colors, then completing assembly of each structure. Some additional parts are included that are not needed for assembly, which may be kept for future projects or discarded as desired. Decals are included for two Cornerstone oil companies, with smaller logos for trucks such as the SceneMaster™ International® 7600 Tank Truck with Trailer (#949-11670), sold separately.

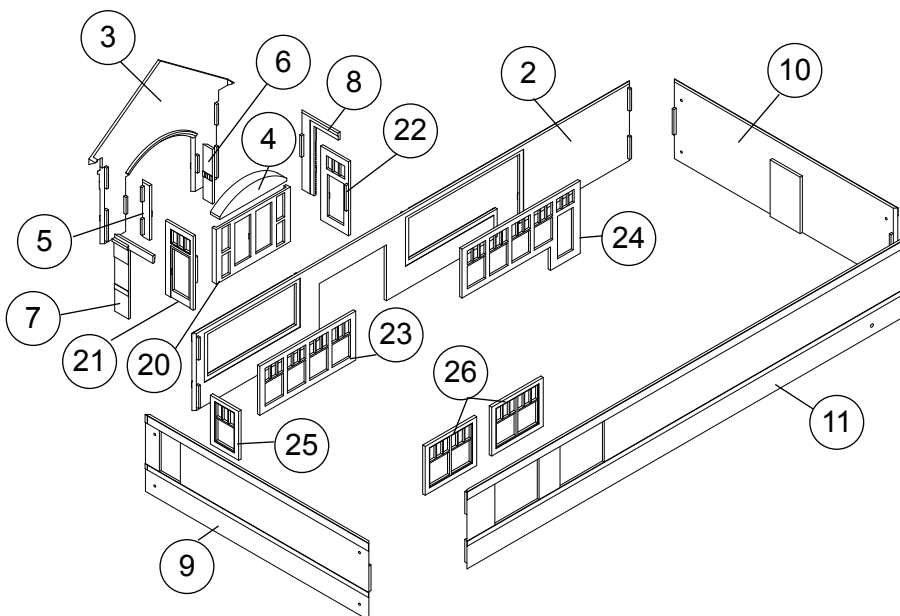
As rural roads became busy state and federal highways in the 1930s, colorful new gas stations were among the first roadside businesses to appear. Like their counterparts in cities and towns, these new stations used the same familiar logos, bold colors and unique building designs to bring in loyal customers. Along with more people traveling by car, the Depression fueled a huge increase in long-haul trucking, and many of these rural stations transformed into the first truck stops with lunch counters, sleeping rooms and specialized repair facilities. Located directly alongside the main roads, teamsters could avoid long detours into town, and figuring that truckers knew the best places, other folks soon began stopping there as well. As the interstate system of freeways and toll roads took over in the 1950s and 60s, land alongside on and off ramps became increasingly valuable for commercial development, and purpose-built oases with direct access were also constructed in outlying areas. These were soon home to a new generation of family-friendly "tourist centers," which combined traditional service stations, souvenir stands and sit-down restaurants into one operation, with separate fueling, service and drivers-only eating areas for over-the-road truckers. Following the oil embargo of the 1970s, with gas sales falling and vehicle repairs becoming increasingly complex, oil companies began simplifying and streamlining the look and operation of travel centers and local service stations, a trend that continues today. Brand-specific structure designs, logos and color schemes are still essential, and the same buildings are used for both types of facilities. These modern operations more closely resemble a convenience store inside and out, where you can purchase a few automotive essentials and souvenirs, but most of the retail space is devoted to food products: many also include a smaller version of well-known fast food restaurants. Gas stations typically include a single fueling island to serve cars and light trucks, and many also have a single-lane automatic car wash on the property. Travel centers will include these same facilities, but provide a separate diesel fuel island designed especially for trucks, and many also have a weigh scale. Four complete kits in one, your new model includes parts for the Main Building, separate Auto and Truck Fueling Islands and a Car Wash. Parts are also included to model a concrete parking lot, which can be expanded at any time with the matching Modern Gas Station Parking Lot kit #933-3540, sold separately. Truck scales can be added using parts from the Truck & Rail Scale kit (#933-4068), also sold separately. For additional figures, vehicles, scenery supplies and more to finish your new travel center, see your participating hobby dealer, check out the latest Walthers Model Railroad Reference Book or visit us online at walthers.com.

MAIN BUILDING

1) Acetate is provided for window glazing; cut each piece slightly larger than Doors and Windows and glue to back - you may wish to use white glue to avoid damage.

2) PLEASE NOTE - This illustration shows assembly from the rear; parts noted as left or right match this sketch. Align slots and ridges on back of Front Entrance Wall (3) with Left (5) and Right (6) Interior and Left (7) and Right (8) Exterior Brickwork and glue where parts meet. Glue Left (21) and Right (22) Side Entry Doors to recessed area on back of Exterior Brickwork. Align raised edges of Front Double Entry Door (20) against plain (inside) edges of Interior Brickwork and glue where parts meet. Glue Alcove Ceiling (4) to top of Door and raised ridge on Front Entrance Wall.

3) Glue Large Front Left Window (23) and Right (24) Window & Door to inset areas on back of Front Wall (2). Glue Single Window (25) to inset area on inside of Left Wall (9). Glue Double Rear Windows (2x 26) to inset area on inside of Rear Wall (11).

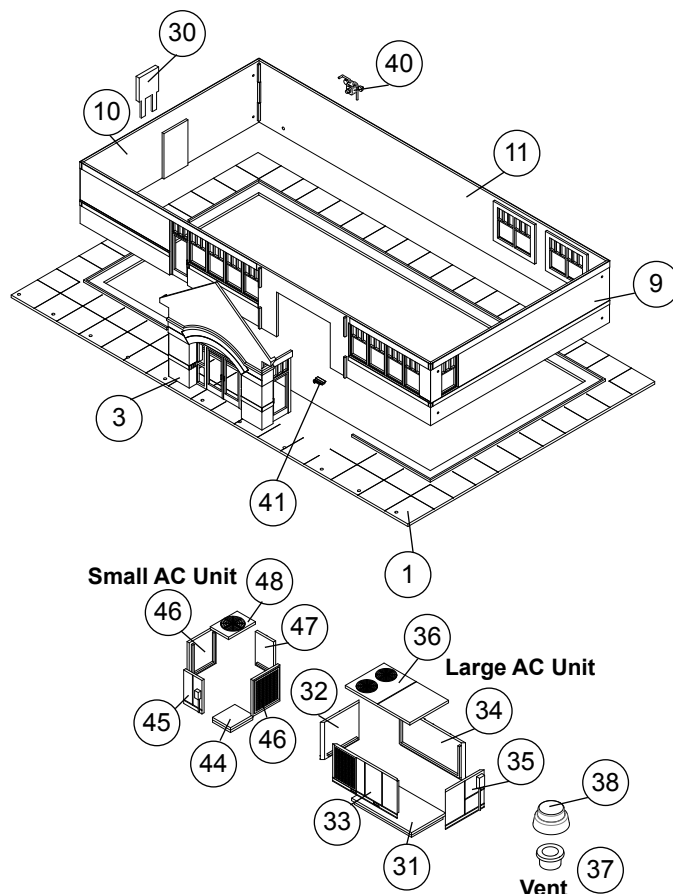


4) Using raised ridges to align parts, glue Walls (2, 10, 11 and 9) to Base (1) and at inside corners where parts meet. Align tabs on outside edge of Left & Right Side Entry Doors with slots and raised ridges on Front Wall assembly (3), and glue completed Front Entrance to Wall and Base where parts meet. Center Security Camera (41) facing outward above Front Entry Door and carefully glue in Alcove. PLEASE NOTE: The small round pieces molded on the piping of Gas Meter (40) simulate regulator valves - do not remove when cutting from sprues - glue meter to mounting point on lower left edge of Back Wall. Glue Electric Service Panel (30) to any convenient location on Left Wall (10).

5) Small Rooftop AC Unit: note horizontal raised ridge on inside edge of Front (45), Back (47) and Side Walls (2x 46) is the bottom; use ridges to align parts and glue to Small AC Base (44) and at inside corners where parts meet. Align inset area on underside of Small Top (48) with wall assembly and glue where parts meet.

6) Large Rooftop AC Unit: note horizontal raised ridges on inside edge of Front (33), Back (34) Left (32) and Right (35) Side Walls are the bottom; use these to align parts and glue to Large AC Base (31) and at inside corners where parts meet. Align inset area on underside of Large Top (36) with wall assembly as shown and glue where parts meet.

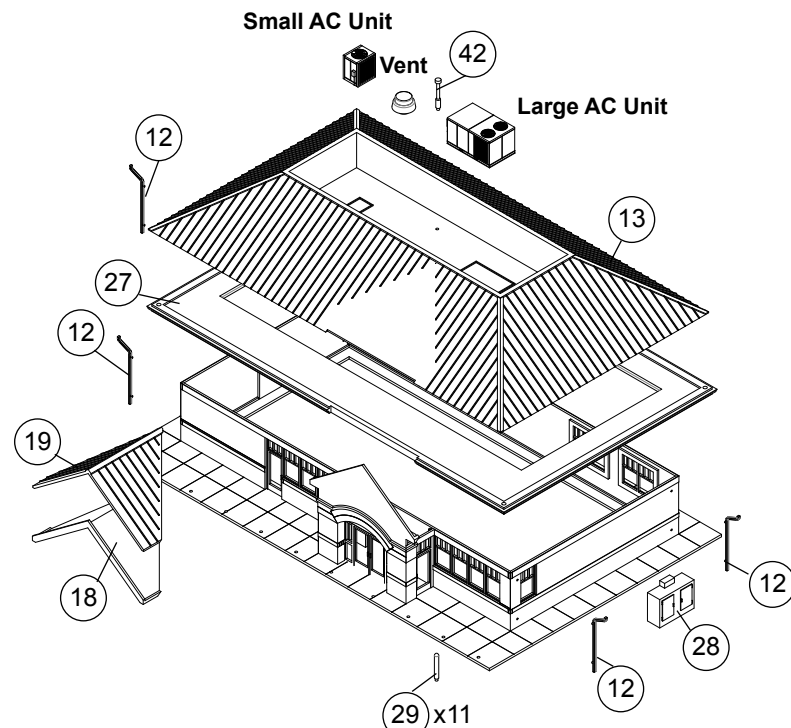
7) Vents - make 2; glue Vent Top (38) to Vent Base (37).



8) Align mounting points on top of Eaves (27) with pins on underside of Main Roof (13) and glue where parts meet. Align raised ridge on underside of completed roof with wall assembly; roof may be set in place to add lights or interior details (sold separately) or glued as desired. Complete roof assembly by gluing Small AC Unit, Furnace Exhaust (42) and Large AC Unit to mounting points as shown. Vents may be glued at any convenient location inside the recessed area.

9) Glue Entry Eaves (18) to underside of Entry Roof (19). Glue completed entry roof to open area on front of Main Roof (13).

10) Align pins on inside edge of Downspouts (4x 12) with mounting points on both corners of sidewalls and glue together. Ice Machine (28) may be glued in any convenient location on sidewalk. Complete assembly by gluing Small Safety Posts (11x 29) to openings in Base.

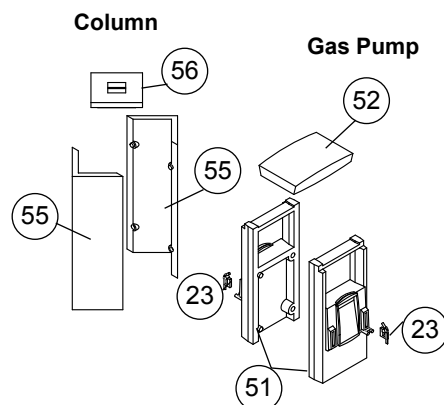


FUEL PUMPS

11) PLEASE NOTE: If you wish to paint Nozzles (18x 53) to identify a type and/or grade of fuel, you may find it easier to do this while they're attached to the sprue. Nozzles are small and fragile, so use care cutting them from the sprue. Built as shown, you'll need seven pumps (three on the Car Island and four on the Truck Island), but parts for eight are included.

12) Assemble each pump as follows: align pins and mounting points on back of each Pump Half (16x 51; two per pump) and glue where parts meet. Align large tab on back of each Nozzle (53) with slot on right sides of each pump panel as shown and smaller tab through opening of molded bracket, and glue where parts meet.

13) Note the four hose mounting points on the underside of each Pump Cover (8x 52). For each pump, cut two lengths of Hose (30) about 1-3/16" (3cm) long. Carefully glue one end of each Hose to the opening that will be directly above each nozzle using a CA-type adhesive (not included). When dry, glue Cover to top of each pump. Loop the hose and glue the remaining end to the small tabs on the pump, below the nozzles. Apply pump dial and logo decals to both sides of pumps.

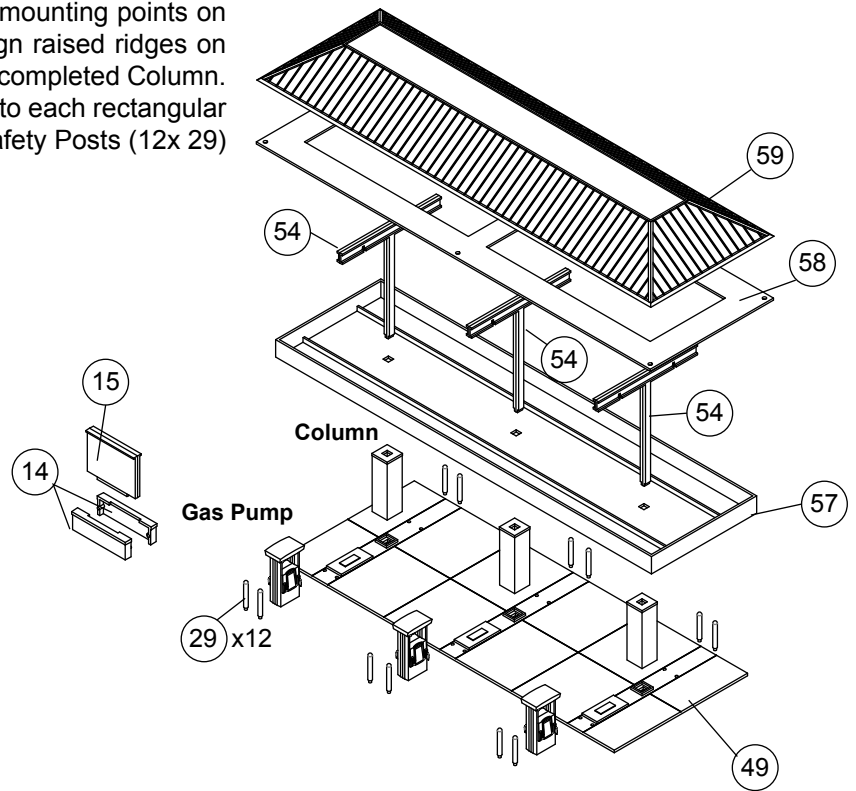


AUTO FUELING ISLAND

14) Decorative Columns - make three: align pins and mounting points on back of Column halves (2x 55) and glue together. Align raised ridges on underside of each Column Cap (56) and glue to top of completed Column. Glue each Column to raised square, and a Fuel Pump to each rectangular mounting pad on Car Island Base (49). Glue Small Safety Posts (12x 29) to openings in Base as shown.

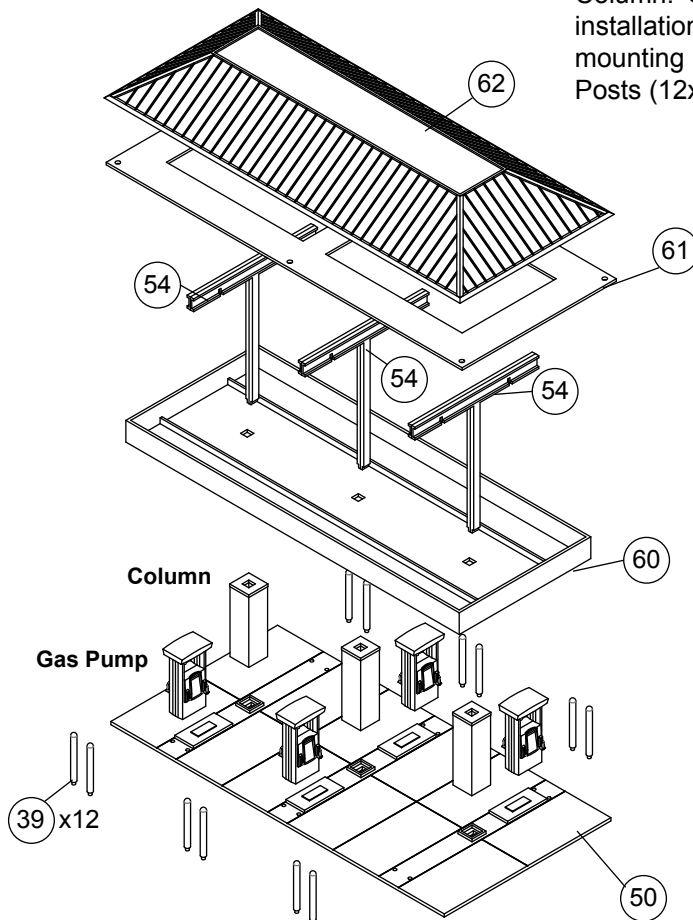
15) Note notches in crossbeams of Canopy Supports (3x 54): insert a Support through each opening in the Car Island Canopy Ceiling (57), align openings with raised ridge, and glue where parts meet. When dry, insert Canopy Supports through Decorative Columns and glue to Base.

16) With raised ridge facing down, align mounting points on Car Island Eaves (58) with pins on underside of Car Island Roof (59) and glue where parts meet. Align raised ridge on underside of completed roof with opening in top of Ceiling and glue where parts meet.



TRUCK FUELING ISLAND

17) Decorative Columns - make three: align pins and mounting points on back of Column halves (2x 55) and glue together. Align raised ridges on underside of each Column Cap (56) and glue to top of completed Column. Glue each column to raised square mounting pad. A typical installation with four pumps is shown: glue Fuel Pumps to rectangular mounting pads on Truck Island Base (50) as desired. Glue Large Safety Posts (12x 39) to openings in Base as shown.



18) Note notches in crossbeams of Canopy Supports (3x 54): insert a Support through each opening in the Truck Canopy Ceiling (60), align openings with raised ridge, and glue where parts meet. When dry, insert Canopy Supports through Decorative Columns and glue to Base.

19) With raised ridge facing down, align mounting points on Truck Island Eaves (61) with pins on underside of Truck Island Roof (62) and glue where parts meet. Align raised ridge on underside of completed roof with opening in top of Ceiling and glue where parts meet.

20) Glue Sign Base halves (2x14) together. Insert tab on bottom of Sign (15) into opening on base and glue from inside. Apply decals to both sides of sign.

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®.

CAR WASH

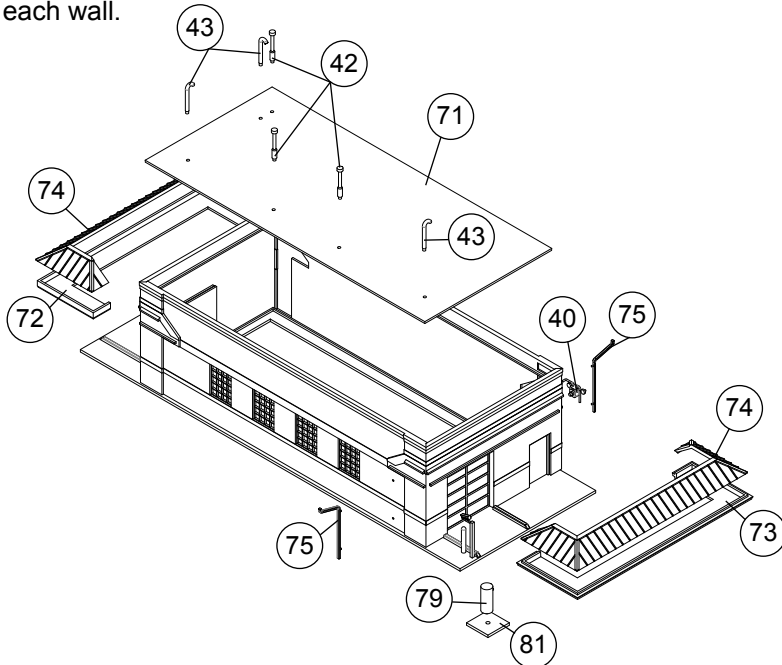
21) Acetate is provided for window glazing; cut four pieces slightly larger than Windows (4x 78) and glue to back - you may wish to use white glue to avoid damage. Glue completed Windows (4x 78) to recessed area on inside of Left Side Wall (69)

22) Overhead Doors (2x 77) may be left off to model open doors, or glued in place on the Front Entrance Wall (67) and Rear Exit Wall (70). Glue Entry Door (76) to Rear Wall as shown.

23) Using raised ridges on Base (66) to align parts, glue Walls (67, 68, 69 & 70) to Base and at inside corners where parts meet.

24) Align pins and openings on back of Selection/Payment Box halves (2x 82) and glue together; glue tab on bottom to rectangular opening on Base at entrance. Align Security Camera (80) as shown, glue pin on bottom to mounting point nearest the outside edge of Base. Glue pins on bottom of Safety Posts (4x 29) to front and rear openings in Base.

25) Align pins on bottom of Intakes (3x 43) and Exhaust Stacks (3x 42) with openings in Roof (71) and glue in place. Roof may be set in place to add lights or interior details (sold separately) or glued to raised ridges on backs of each wall.



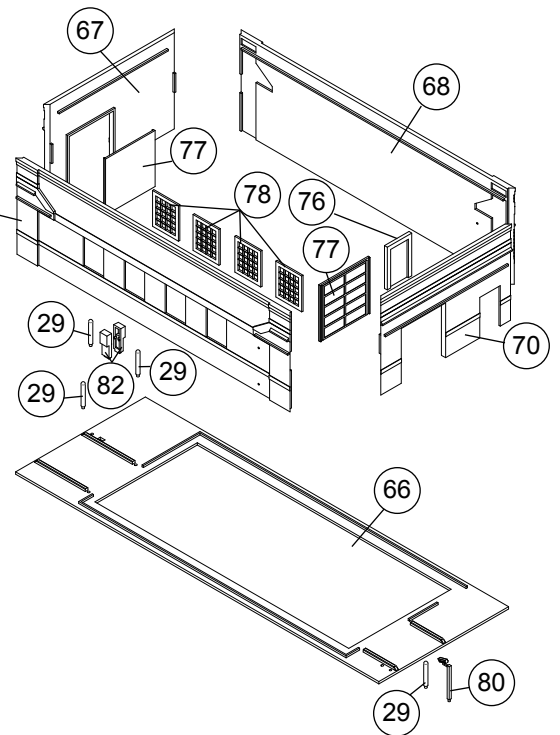
PARKING LOT

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

The Large Paving sections (63) are the same thickness as each 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 bases, 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 Parking Lot (#933-3540, sold separately).

31) Note the correct alignment of the L-shaped Long Curbs (64), Corners (65) and Driveway Section (83). Once you've determined the final arrangement of structures and paving, glue the appropriate curbs to the edge of the Paving Sections (63) as shown.

Sections may be set in place or secured to your layout as desired.



26) PLEASE NOTE: While Awnings (2x 74) are identical, the Front Eaves (72) are narrow, while the Rear (73) is wider to simulate a rain gutter. Align raised ridges on underside of Awning (74) with outside edge of Front Eave (72) and glue together. Align raised ridges on underside of Awning (74) with inside edge of raised ridge on Rear Eaves (73) and glue together. Align sides and inside edges of completed awnings with raised ridges on side and end walls and glue where parts meet.

27) Align pins on inside edge of Downspouts (2x 75) with mounting points on both sidewalls and glue together.

28) Make sure the molded shut-off valves face forward, and glue Gas Meter (40) to locating holes of Right Wall (66).

29) Glue Vacuum (79) to Vacuum Base (81). Cut a small length of Wire (30) to model the hose; glue one end to opening on Vacuum. When dry loop hose over pin. Install completed vacuum at any convenient location near the exit.

