



HO Structure Kit **CROSS DOCK TRUCKING FACILITY** 933-4131

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. PLEASE NOTE: Some parts included with this kit will not be used; keep them for future projects or discard as desired. To model a larger paved parking/access area, you can use parts from the Gas Station Parking Lot (#933-3540, sold separately), which match the dimensions of the Paving Sections (2x 34) in this kit. The non-working Security Light (42) can also be replaced with a working lamp from the Modern Short Arm Wall Mount Light (#949-4314), Wall-Mounted Light (#949-4307) or Modern Wall-Light (#949-4318), each sold separately. You may wish to have these on hand before starting to simplify planning and installation.

Trucks were fast becoming a common sight on city streets early in the 20th century, but the industry shifted into high gear during the 1920s. Returning veterans had seen trucks perform under the most taxing conditions, and many had been trained as drivers and mechanics. Prices for new trucks also dropped dramatically as builders sold off excess inventory following cancellation of government orders. Many cities wishing to project a progressive and modern image took it upon themselves to build miles of concrete streets, and similar improvements to state and federal highways soon followed. Railroads welcomed these advances as it made it that much easier for freight and passengers to reach their stations, but it wasn't long before the trucks simply drove right on by. While large firms could afford their own truck fleet, small shippers embraced the services of independent trucking companies. While truckers could offer fast, direct service and lower rates, many of these shipments didn't require an entire truck or trailer. As a result, they quickly adopted the facilities and operations that railroads had used for decades to handle less-carload-lot (LCL) express business. City trucking facilities were almost identical to railroad freight houses, with an office in front to keep track of paperwork, and a large covered dock facility, where trucks and trailers were first spotted for unloading. Cargoes were sorted by destination, moving back and forth across the dock - thus the name "cross-dock" - where they were consolidated into individual trucks to make deliveries and pick ups along an assigned route. While the biggest facilities were found in the heart of the city closest to customers, truckers also built smaller operations in outlying medium-sized communities. This allowed for even faster service, with dedicated trucks shuttling back and forth between major and regional terminals where loads were then broken down and consolidated for delivery once more to outlying smaller towns, including those with no direct rail access. For years, trucking companies also had to deal with a dizzying array of regulations - for example, Illinois permitted double-bottom trucks while Wisconsin did not - so it was common to find these facilities in towns on the state line, built especially to reload trucks to comply with local rules. As the years passed and regulations were gradually relaxed, older facilities built to handle 35' or 40' trailers were hard-pressed to serve the newer 45', 48' and 53' trailers and containers used in domestic service. Older firms were soon building much bigger modern cross-dock facilities in new industrial parks, putting them closer to customers, interstates and intermodal terminals. But these older buildings still have plenty of life in them and many are now used by contractors, plumbers and painters as office and warehouse space to simplify storing bulky supplies and loading their smaller trucks. Typical of cross-dock facilities built from the late 1940s on, your new model is an authentic addition to older industrial areas, and like the prototypes, its compact footprint puts a lot of realism and action in a small space. For the finishing touch, check out the growing selection of SceneMaster™ trucks and trailers also sold separately. For additional figures, vehicles, lights, scenery materials and more, see your local hobby dealer, check out the current Walther's Model Railroad Reference Book or visit us online at walthers.com.

1) Doors & Windows

Align windows and doors inside raised ridges on backs of all Office Walls, and glue where parts meet. Fit Windows (39) to inset openings on back of Dock Rear Wall (37), and glue in place. Acetate is provided for window glass; cut slightly larger than Windows and Doors and glue in place with white glue.

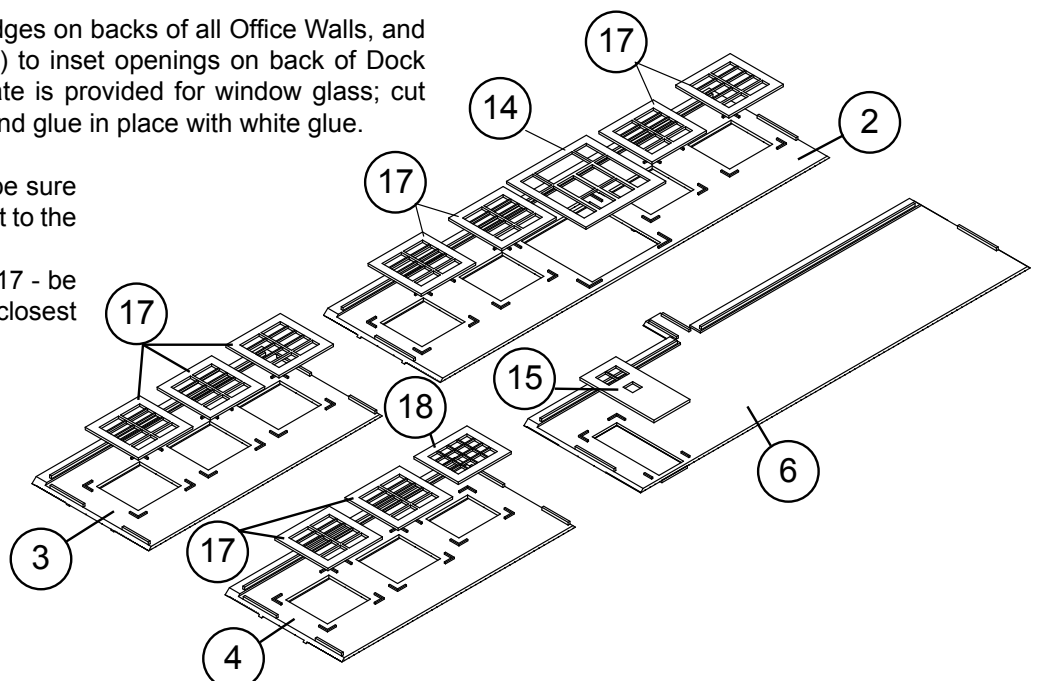
Front Wall (2): Office Windows (4x 17 - be sure the thickest horizontal cross bar is closest to the bottom - Office Entry Door (14)

Right Side Wall (3): Office Windows (3x 17 - be sure the thickest horizontal cross bar is closest to the bottom

Left Side Wall (4): Office Windows (2x 17 - be sure the thickest horizontal cross bar is closest to the bottom - Small Office Window (18)

Rear Wall (6): Steel Entry Door w/Transom (15)

Dock Rear Wall (37) see next page:
Dock Windows (2x 39)



OFFICE ASSEMBLY

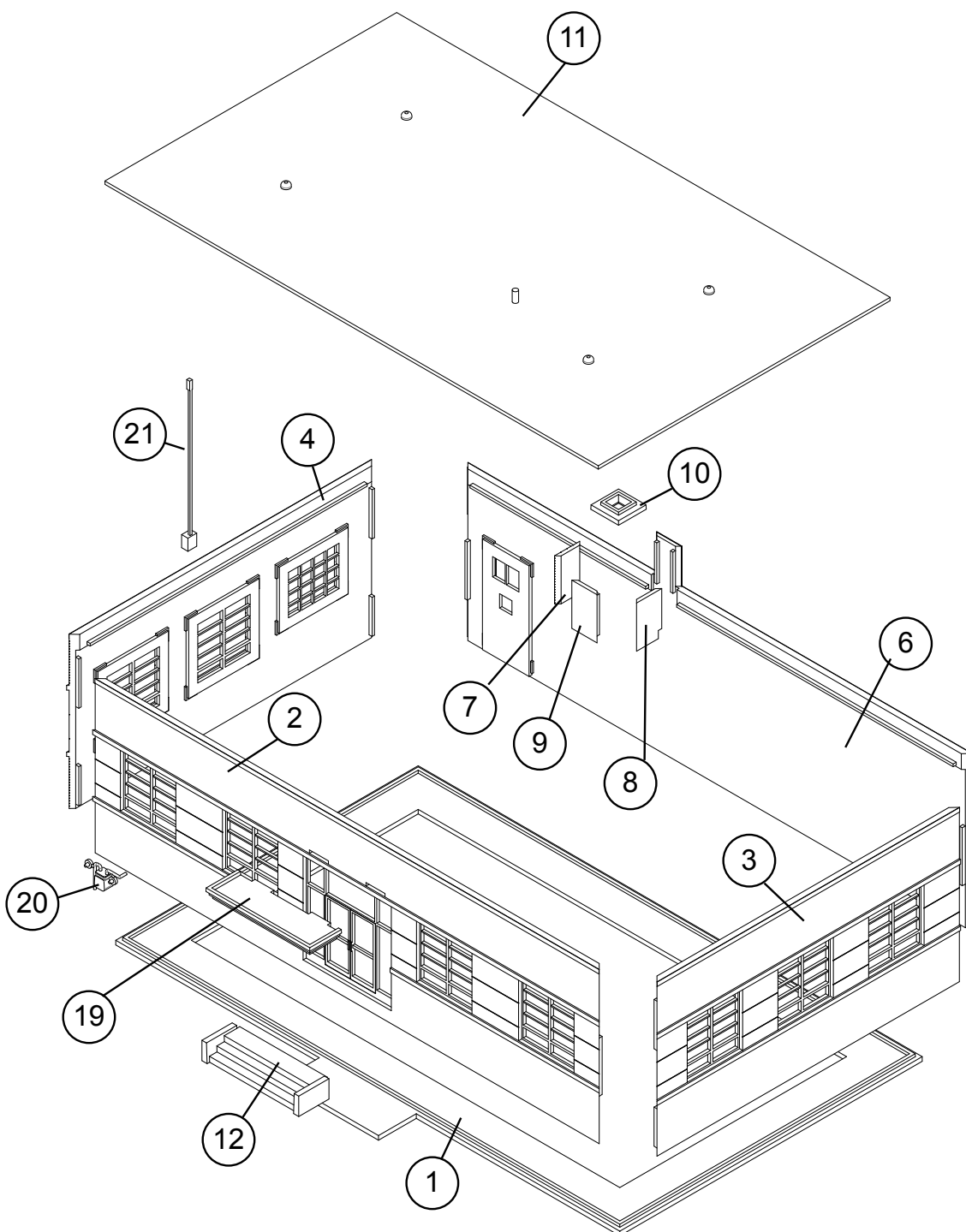
2) Using raised ridges on Office Base (1) and tabs and slots on inside corners of Walls (2, 3, 4, 6) align parts and glue at inside edges where parts meet.

3) Make sure Canopy (19) faces upward as shown; insert tabs on back through openings in Front Wall (2) and glue at inside edge where parts meet. Align Front Stairs (12) with area on Base and glue as shown.

4) PLEASE NOTE: If you wish to add interior details or lighting (both sold separately), do so before gluing Office Roof (11) in place along raised ridges on tops of wall assembly.

5) Align Left (7) and Right (8) Side Chimney Walls as shown with Chimney Front Wall (molded on Wall 6) and glue where parts meet along inside edges. Align angled edges and raised ridges inside of Chimney Rear Wall (9) with Side Walls and glue at inside edges. Complete assembly by gluing Chimney Cap (10) to top of Chimney assembly.

6) PLEASE NOTE: The bottom of the Electric Meter (21) should be about 1/2" (1.2cm) above the bottom edge of the wall, not including the base; Gas Meter (20) and Electric Meter may be be glued at any convenient location on side or front walls. A typical installation is shown.



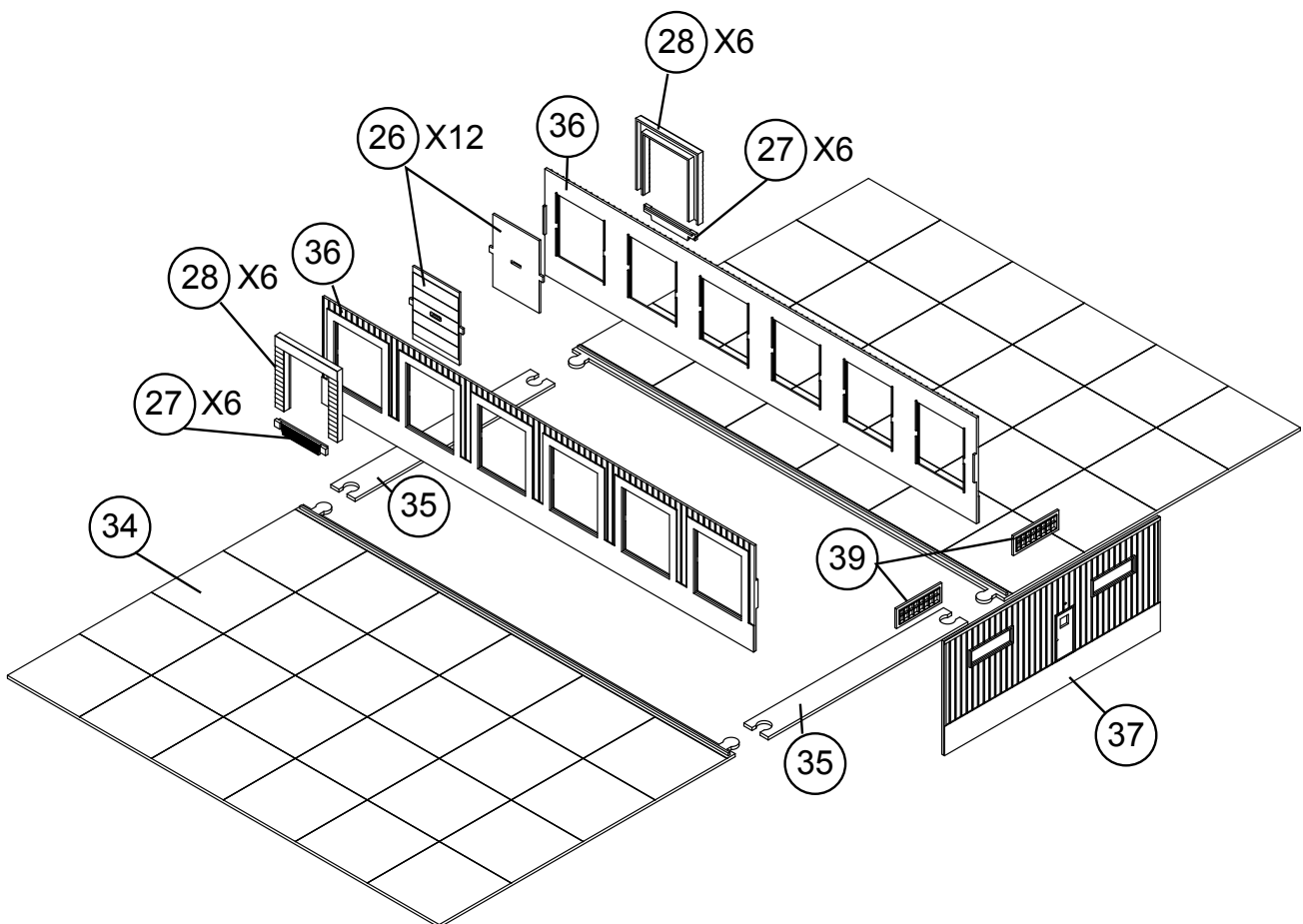
LOADING/UNLOADING DOCK ASSEMBLY

7) Note the correct alignment of the raised ridges along the inside edge of Paving Sections (2x 34) as shown; working on a flat surface, align parts, glue Connectors (2x 35) to tabs as shown and allow to dry.

8) Both Dock Side Walls (2x 36) are identical; make two as follows. Note the inset areas along the front of each door opening. Dock Bumpers (12 x 27, six per wall) have an L-shaped lip on top. Position each Bumper with lip resting on lower edge of each door opening and glue in place. Carefully align top edge of each Weather Bellows/Seal (12x 36, six per wall) with top of each inset opening and glue in place.

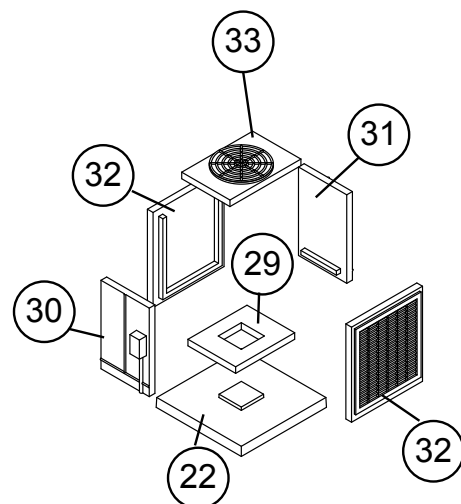
9) PLEASE NOTE: Overhead Doors (12 x 26, six per wall) can be left off to model open doors, however you'll need to construct an interior floor from sheet styrene or other materials (not included). For closed doors, align side tabs on Door with open areas at center of raised ridges on back of each doorway, and glue in place.

10) Using raised ridges on Paving Sections (2x 34) and tabs and slots on inside corners of Side (2x 36) and Rear (37) Dock Walls to align parts and glue at inside edges where parts meet.



SWAMP COOLER ASSEMBLY

11) PLEASE NOTE: This model can be assembled as a roof- (no base) or ground-mounted unit (with Base 22). With the raised ridge along the bottom of each wall resting on the Bottom Plate (29), glue Walls (30, 31, 2x 32) to Plate and at inside edges where parts meet. Complete assembly by gluing Fan (31) to top of Cooler. For a roof-mount, glue the completed Cooler at any convenient location on the Office Roof. For a ground-mounted unit, glue tab on Base to opening in Bottom Plate and place alongside the building as desired.



FINAL ASSEMBLY

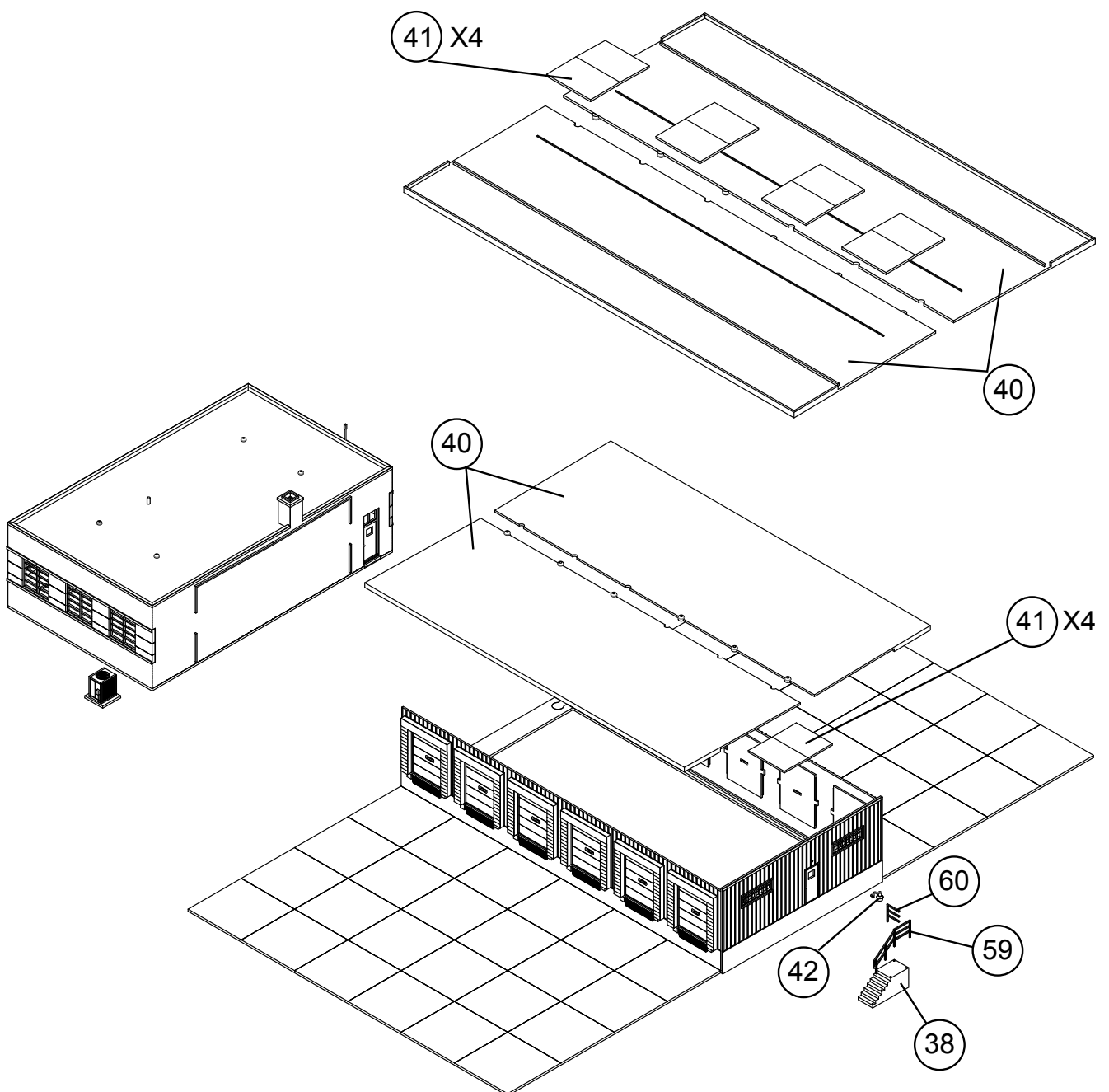
12) PLEASE NOTE: Like the prototype, the completed Dock Roof has a raised V-shape as shown on the cover photo; for ease of assembly, Roof Alignment Plates (4x 41) are molded at the correct angle on one side, and the Roof Halves (2x 40) have a raised ridge to center the Plates correctly. Place a Roof Half face down - you can glue all four Alignment Plates at any point - with the angled surface on the roof, and the ends on the raised ridge, glue the Plates in place and allow to dry. When dry, complete assembly by aligning the scuppers and openings, and glue remaining Roof Half to each Plate - to adjust the alignment if needed, set the roof in place on the Dock Wall assembly - see next step.

13) The Completed Dock Roof can be set in place to add lights or interior details (sold separately) or glued in place as desired; align the raised ridges on the underside of the roof with the tops of the wall assembly.

14) Glue Long (59) and Short (60) Handrails to openings in top of Dock Stars (38). Align completed stairs with doorway on Back Wall and glue in place.

15) Align raised ridges on back of Office Wall with open end of Dock assembly and glue where parts meet.

16) Glue Security Light (42) to opening in Dock Wall - or, add a working light such as the Modern Short Arm Wall Mount Light (#949-4314), Wall-Mounted Light (#949-4307) or Modern Wall-Light (#949-4318), each sold separately.



SIGNS

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