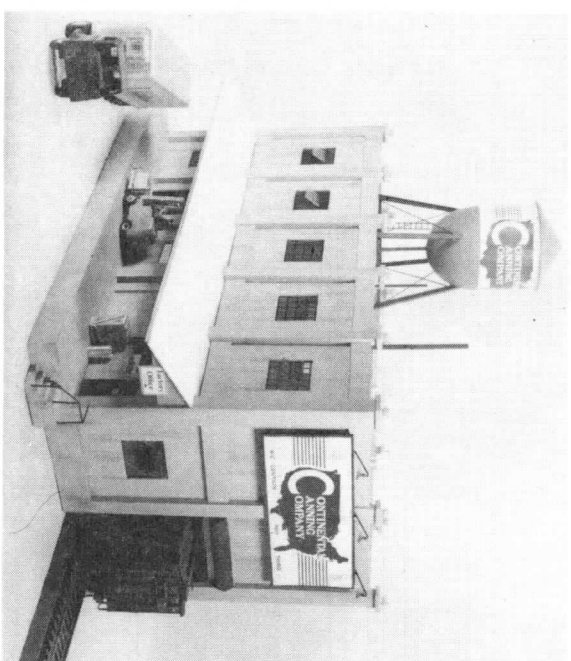


Lehigh Valley Models

2518 Elm St.,
Allentown, Pa. 18104



LVM7 CONTINENTAL CANNING COMPANY

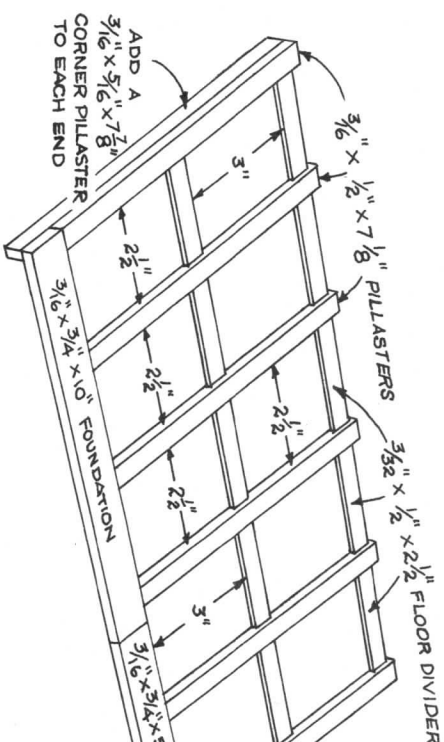
Practically every model railroad can use a factory as one of its sources of revenue. The Continental Canning Co. was designed to fulfill this need for both Scale and Tinsplate pikes. Being modular in construction, it can be built to suit your particular tastes as far as windows, signs, office, and loading door locations are concerned. Two of these kits could be used to construct a longer building or one that is "L" shaped. Signs can be changed by an enterprising modeler to make this factory into any fabrication or manufacturing plant desired. Magazines are full of colorful advertisements useful in making such signs.

The factory has a loading platform and doorways for an inside track. If desired, a track can be used for both locations and they match A.F. track centers using the Tinsplate turnout or the platform could be used for truck loading only.

Hoping this has whet your imagination and desire to build this factory, let's proceed with its construction. Check through your parts, read the instructions thoroughly, and familiarize yourself with the names, successive steps, sketches, and methods of assembly before beginning.

STEP NO. 1 - BACK

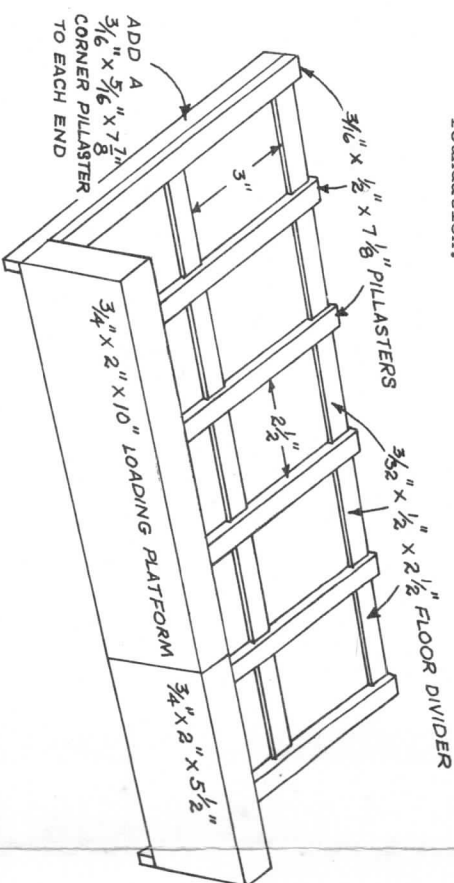
Obtain a large sheet of ordinary wax wrapping paper. Lay this upon a flat work surface and proceed to glue the two 3/16" x 3/4" foundation pieces together end to end to make a single straight



piece 15 3/4" long. Glue the 6 pillars to this foundation beginning at either end and spacing them 2 1/2" apart by using the floor dividers. Be sure the end one is perfectly vertical. There are two rows of these spaced 3" apart as shown. The top row will be 1/8" from the top of each pillar. When this framework is glued and thoroughly set, pick it up, turn it over, and glue the corner pillars to each end flush with the end pillar.

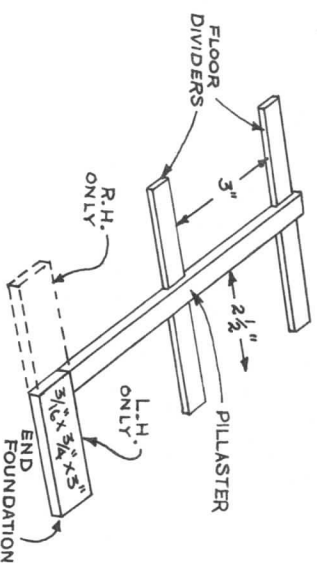
STEP NO. 2 - FRONT

This section is built in similar fashion. Use the same procedure as in Step 1, except the two loading platform pieces are used instead of the foundation.



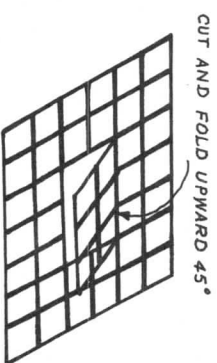
STEP NO. 3 - ENDS

We now need a right hand and a left hand end constructed in the same manner upon the wax paper. Notice that the only difference in either end is in the foundation piece. The opposite space forms the large railroad car door opening. Be sure all the pieces are square and in line. Now paint all the outer surfaces of these frames concrete color.



STEP NO. 4 - WALLS

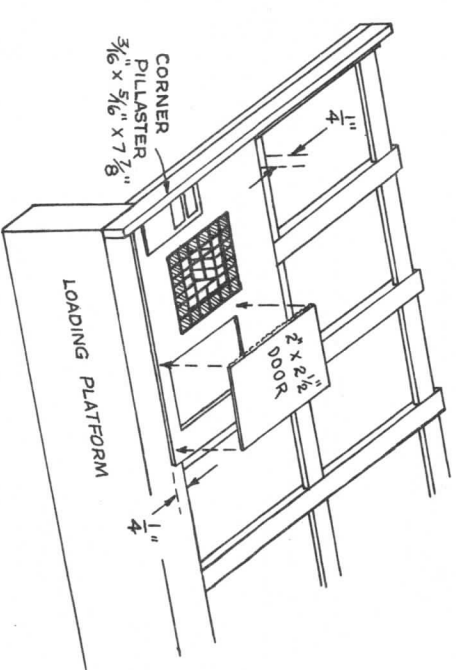
Your kit contains brick wall panels in two sizes. Most of them have windows and doors traced upon them. Using a sharp X-acto knife, carefully cut these sections out. File the openings square where necessary, and paint the cut exposed wood surfaces concrete color. Wipe off any paint you may get on the brick.



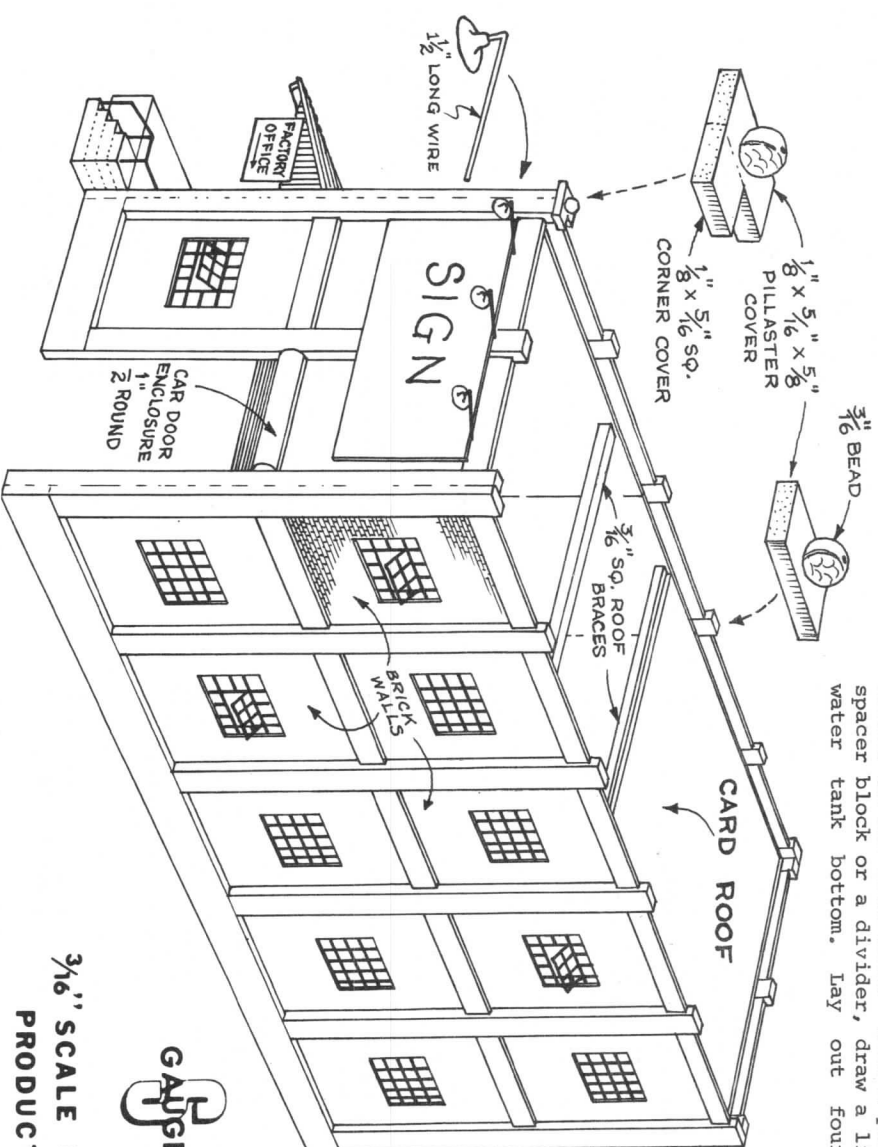
There is enough plastic window material to furnish 20 windows. Using your X-acto knife or a scissor, cut out window sections 6 squares by 7 squares as shown in the sketch. (Count the 7 squares the long way and the 6 squares on the short side of the sheet furnished).

If you desire open windows, cut the proper blocks (see sketch) and fold the uncut end so they will stay open on a 45° angle.

Apply a thin fillet of glue around the window openings on the unpainted side of the wall sections and press the windows in place lining the black mullion lines up evenly within the openings. Paint the office door casting green, brown, gray, or your choice color and glue it in place. From scrap window material, cut a piece to glue behind the door window opening.



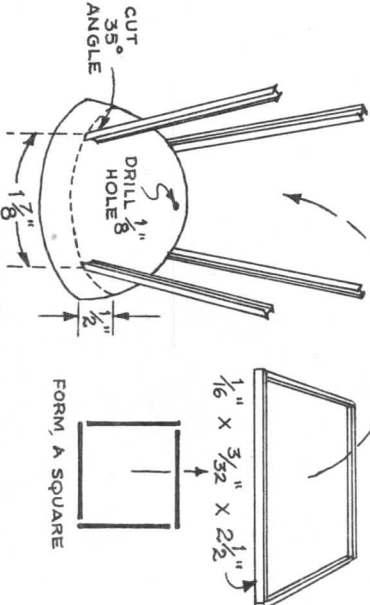
Now glue the wall sections in place on the unpainted flat side of the frames as shown. All edges should overlap the concrete framework 1/4" all around and 1/16" away from the inside of the corner pillars. The two windowless 6" sections should be used on each end and above the car door opening. The back section should have windows in all openings. The front section should have windows all across the top with the lower sections containing the loading doors, and the 6" wall section with the office door (shown in drawing). As mentioned before, you can place these sections to



suit your own taste. We suggest using the office section (with small door) on the left side. (See photo). Work from the center outwards on the ends. This will leave 1/4" overhang the ends of the floor dividers.

STEP NO. 5 - BUILDING ASSEMBLY

If you have followed Step 4 correctly, this step should be relatively simple. The front, back, and both end walls are now fitted and glued together. Use a flat surface to keep everything even and square. Now glue the five 3/16" sq. x 6" roof supports in place. They should be kept 1/16" below the top edge of the brick wall sections. One is glued along each end, one across the exact center of the building (7 1/16" from the inside of each end), and one centered between these two. (See sketch). Now glue both heavy card stock roof panels in place flush with the top edges of the wall sections. These should fit perfectly if everything is square. Paint the roof flat black.



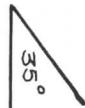
STEP NO. 6 - WATER TANK

Patience is needed here. Do not hurry, and you will end up with a beautiful roof top water tank. You'll be proud of. Lay the plastic Leggs container on its flat side. With a pencil, and a 1/2" spacer block or a divider, draw a line around the water tank bottom. Lay out four equidistant

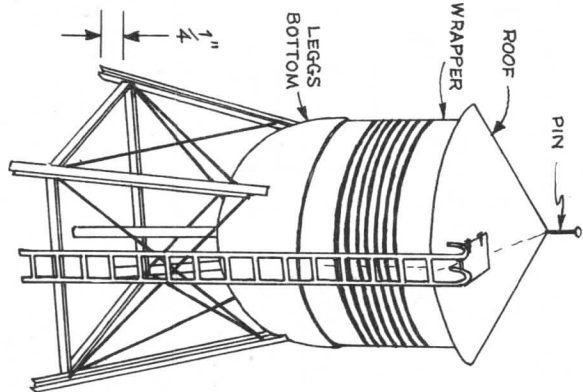
3/16" SCALE MODEL
PRODUCTS



points around this line approximately 1 7/8" apart. These are your tank leg centers. Carefully file the 5/32" x 3" column tank legs to a 35° angle on one end using an emery board or sandpaper and the 35° angle shown. Drill a 1/8" hole



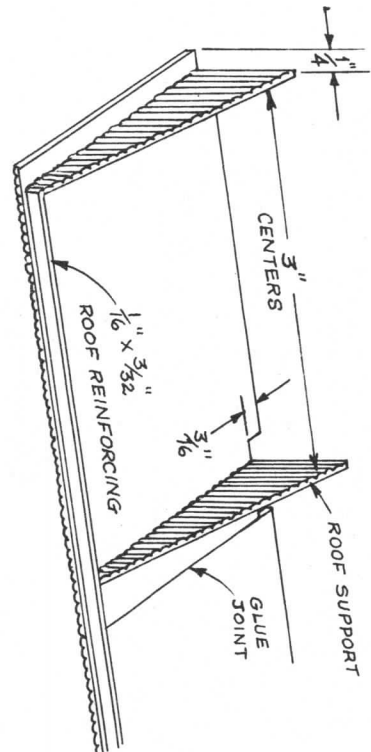
in the tank bottom where shown. The following requires your patience! Using plenty of Elmer's glue, set each tank leg in place one at a time and hold until it will support itself. Glue a square together as shown. Now set it inside your tank legs so it comes about 1/4" below each leg (we are working upside down). Give it time to set, then turn your unit right side up and square up the leg assembly by eye before it hardens completely. Add the .025 wire X bracing and glue the 2" long 1/8" dowel pipe in place. Elmer's glue holds best on plastic.



Cut the roof and tank wrapper from card stock. Using a large piece of dowel, or a rolling pin, roll the inside (unprinted) of the wrapper until it curls and can be formed into a cylinder. This will prevent kinks in the card stock. Temporarily scotch tape it together on the inside joint and fit it inside the Leggs tank bottom. Trim slightly, retape until it fits to the inside lip. When you have a perfect fit, cut a 1/2" strip from scrap card stock and glue it to the inside joint. When dry, glue the wrapper to the Leggs bottom. Be sure the printed side is right side up. Follow similar procedure for roof---rolling, gluing strip inside joint, and gluing roof over tank wrapper. Keep both joints together. Now form and glue ladder in place and the roof hatch door. A straight pin is glued in the peak of the roof. Paint tank legs and X bracing black and whatever color suits you for the rest. A blue roof and red bottom will be attractive.

STEP NO. 7 - PLATFORM ROOF

Again we use wax paper to glue the four 1/16" x 2 1/4" x 3 1/2" and one 1/16" x 2 1/4" x 1 1/2" corrugated roof sections together to form a piece 15 1/2" long. Cut 1/2" wide notches 3/16" deep every 2 1/2" apart along one edge of the roof to match the pilaster spacing. (See sketchn). Make six roof supports by cutting the two 1/16" x 3/4" x 1 3/4" corrugated rectangular pieces into two parts diagonally. Do not try to cut through with one cut.



Using the centers of the notches on the long roof piece, glue roof supports in place as shown, keeping corrugated sides outward on each end. Glue roof reinforcement strip along front edge of roof as shown. Paint entire assembly aluminum or flat black. Glue in place beneath center floor dividers above loading platform.

STEP NO. 8 - DETAILS

Glue pilaster covers to tops of pilasters centering them. Using Elmer's glue again, fasten the plastic beads to centers of pilaster covers. Paint concrete color.

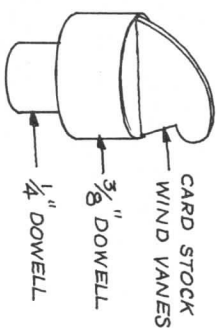
Glue sign on either end of building where there are no windows. Sign could be used upon roof with proper supports.

Bend wire to form light brackets, and glue or solder light reflectors to the ends. Drill #68 holes into floor divider above sign to secure the light brackets. Paint black or aluminum.

Paint half round 1/2" dowel flat black and glue in place above car door openings.

Glue the four 5/32" thick, varied length, 3/4" side pieces together keeping three edges flush to make concrete steps. Glue against platform. Drill #68 holes for 3 wire posts cut 5/8" long and insert. Cut and form railing from wire and solder or glue in place. One end can be anchored to the building.

Fasten office sign to building. Assemble four roof vents as shown, paint aluminum, and glue to



roof to suit your own requirements. Paint 1/16" and the 3" long 1/8" dowel vents flat black and fasten these in place on the roof. A good place to anchor them would be corresponding holes where roof braces are located.

Paint corrugated doors aluminum, and glue them into door openings. Some should be open. Leave car door open on end you desire.

We hope your completed factory has given you hours of enjoyment and will continue to do so in use upon your layout. Why not try another Lehigh Valley Kit:

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|----------------------------------|
| LVMI - Branchline Station |
| LVMI - 50,000 gal. water tank |
| LVMI - 100 Ton coaling station |
| LVMI - Gantry crane |
| LVMI - Crossing gate kit |
| LVMI - Electric Utility pole kit |
| LVMI - Mack Tank Truck |