



HO Structure Kit STREET SYSTEM

933-3138:3139:3194 Basic Package
933-3155:3156:3195 Add-on Straights

Thanks for purchasing this Cornerstone kit. Please take a few minutes to read these instructions and study the drawings before starting assembly as parts can be combined and arranged in a variety of ways. Use plastic compatible cement and paint to assemble the kit parts; for layout mounting, we suggest white glue, Carpenter's glue or slow-setting epoxy to allow time for making adjustments if needed. For additional Street System kits and other accessories, see your hobby shop and the current Walthers HO Reference Book, or visit us online at walthers.com.

PLEASE NOTE: For best results, assemble individual roadway sections first, test fit and adjust as needed, and complete assembly as you install them on your layout.

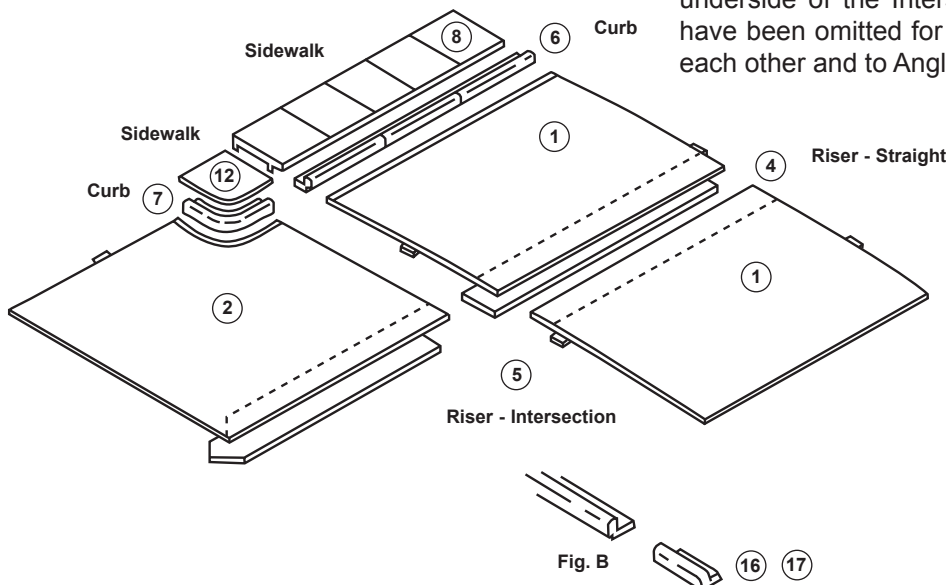
1) Glue Roadway Sections (2x 1) to each other and to Riser (4) to form a plate as shown.

2) Curbs & Sidewalks

Glue Straight (6) or Curved (7) Curbs to Sidewalk Sections (8 or 12). For transitions from streets with curbs to those without, glue the Curb Transitions (16, 17) to the end of the Curb as shown. **NOTE:** Large Corner Sidewalk (9), Alley (10), and Driveway (11), have curbs molded in place.

3) Intersections & Curves

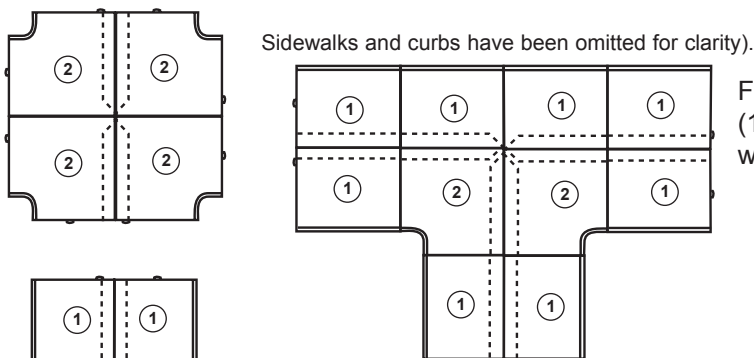
Several combinations are shown. **PLEASE NOTE** the dashed lines show the correct installation of Intersection Risers (5) on the underside of the Intersection Pieces (2). Sidewalks and curbs have been omitted for clarity. Glue Intersection Pieces (2x 2) to each other and to Angled Riser (5) to form a plate as shown.



4) Details

Manhole Covers: Choose a mounting point in the road surface away from the Risers. Drill a 5/16" (7.3mm) hole in the surface. Insert the Cover from below and glue in place.

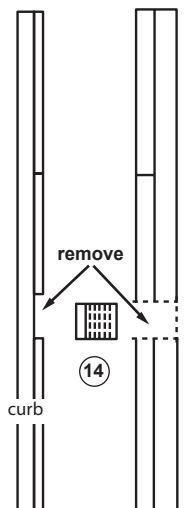
Storm Sewer Grates: Using a sharp hobby knife or saw, carefully remove a 1/4 x 1/4" (6.3 x 6.3mm) square of the Curb and Roadway as shown in figure A. Note the raised edge of the Grate fits against the Curb; test fit and adjust as needed, then glue Grate to Roadway only.



Fire Hydrants: Drill a 1/16" (1.5mm) locating hole in Sidewalk, and glue in place.



Fig. A



5) Layout Installation Tips

Test fit each section first, and mark the locations of Alleys (10), Driveways (11) or Curb Transitions (16, 17). With a ruler or other straight edge, draw the centerline of your roadway on your layout surface. Carefully glue one section of roadway in place at a time, aligning the center seam of each section with the centerline on the layout.