



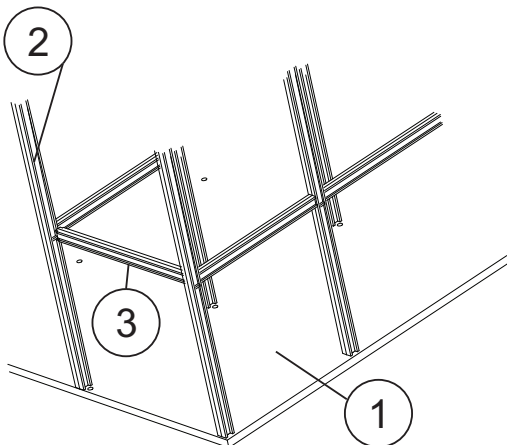
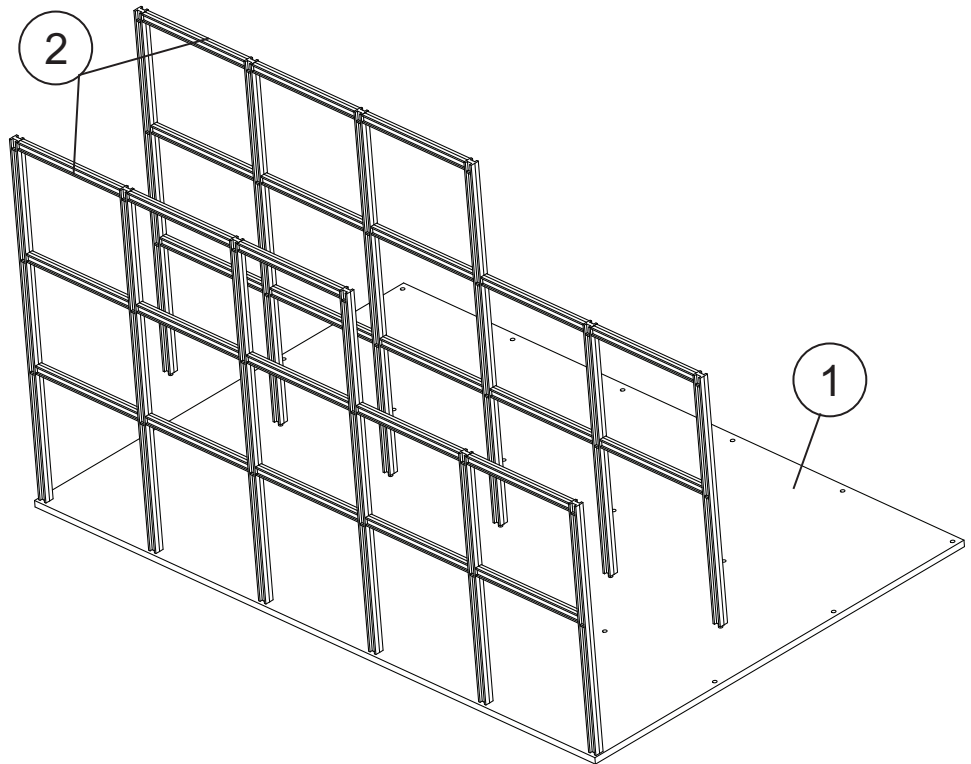
# HO Scale Structure Kit **SKYSCRAPER CONSTRUCTION SITE** # 933-3761

Thanks for purchasing this Cornerstone Series® kit. All parts are styrene so use compatible paint and glue to finish your model. Please read the instructions and study the drawings before starting construction.

As the population began moving from rural areas to cities, land became more expensive and harder to obtain. The obvious answer was to build taller structures, but wood and masonry couldn't support a lot of weight, and most people didn't care to climb multiple flights of stairs. With the development of safe, practical elevators, and the Bessemer process to make steel in quantity, a new building style soon emerged. In 1885, stronger steel framing was used for the first time in the Home Insurance Building in downtown Chicago, which soared 10 stories (138' or 42m) above the pavement below. Taller buildings soon followed in other American cities, and the phrase "skyscraper" joined the language. While the finished buildings were something to see, actual construction was equally fascinating. But as nearby streets stayed open, and there was a danger from things falling, temporary wooden fences and sidewalk shelters were erected around the site. Of course with so many people stopping by for a look, these became a natural spot for advertising and signs. While buildings have gotten bigger and fancier, the basic construction methods and safety procedures are still similar today, making this kit a natural for a city scene from the 1900s to the present.

This model was engineered to work with Cornerstone Street System components.

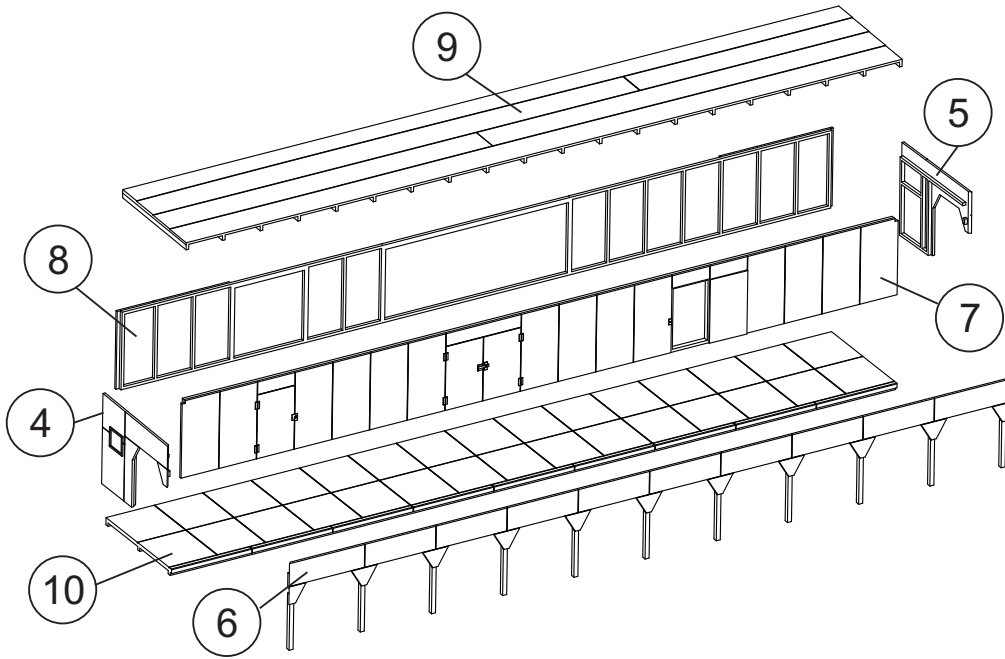
1) Begin by gluing one Girder Frame (2) to Base Plate (1). Make sure it's perfectly vertical and allow to dry. Repeat with a second Girder Frame (2).



2) Note that you can model a completed framework using all of the Brace Beams, or one still "under construction" with fewer braces – leftovers can be used as a scenic detail on site or as freight car and truck loads.

Carefully cut each Brace Beam (3) from the sprue and smooth the ends. Begin at one end of the lower level (the ceiling of the first floor) and work out towards the opposite end. Gently spread the frames apart, and set a beam on the small lips molded inside each Girder (see sketch at left) - a long tweezers can be used to reach into tight spots. Make sure the structure is square and vertical, then glue the beam in place. When dry, repeat for the remaining beams.

3) Repeat Step 1 and 2 until desired structure is complete.

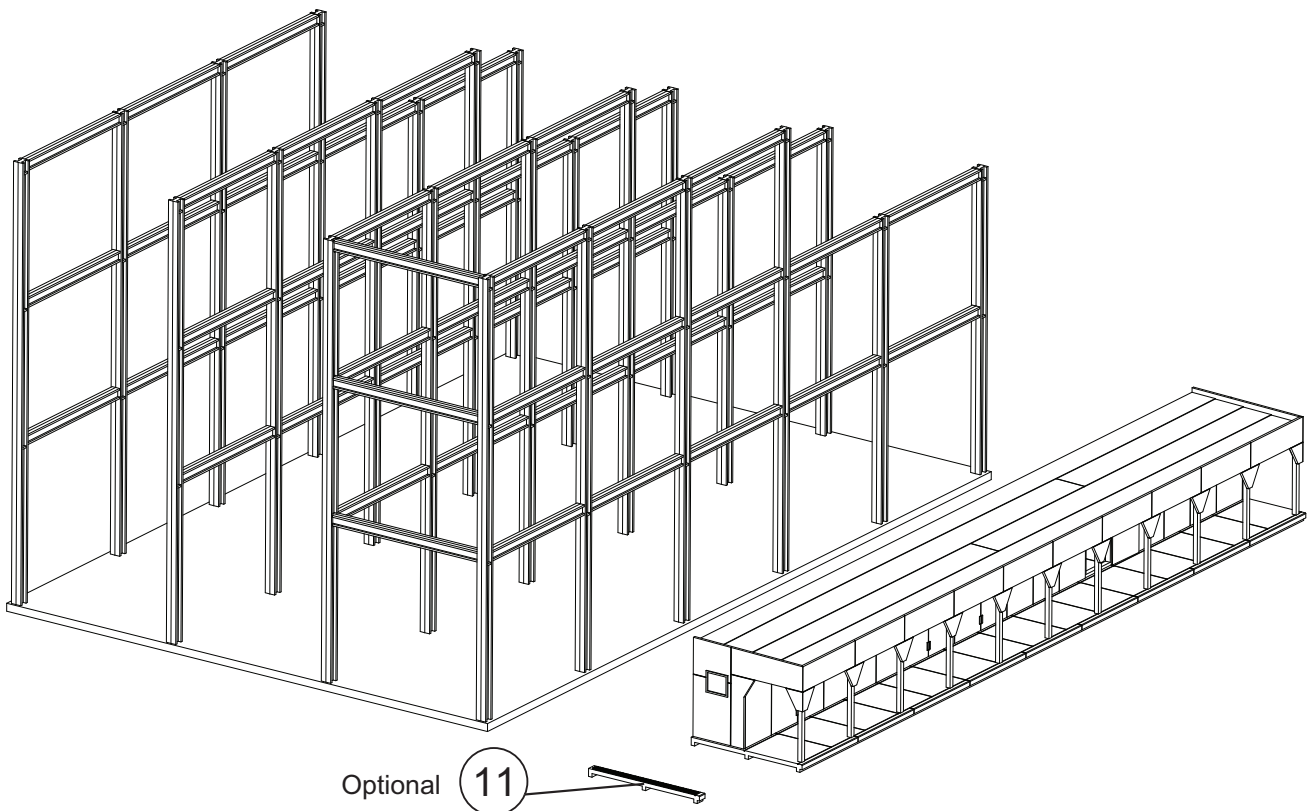


4) To assemble Sidewalk Shelter glue Rear Wall (8) and Front Wall (7) between End Wall 4 (Left Hand), and End Wall 5 (Right Hand) as shown. When dry, add Street Side Wall (6) and Roof (9). Glue completed assembly to Sidewalk (10).

5) Sidewalk Section (10), matches other components in the Cornerstone Street System (sold separately). A Trench Cover (11) maintains system geometry when ALL of the following occur:

- A) Your Main Street uses the provided Double Wide Sidewalk Section (10),
- B) Your city block is 3 Street System panels long (273mm), or multiples thereof (6 panels, 9 panels, etc.)
- C) Your Side Streets transition to Single Wide sidewalks.

If met - glue Trench Cover (11) to one end of the sidewalk as desired. Other combinations of Street System components will require further planning or alteration - thus adding part 11 becomes optional.



Optional

11