



HO Structure Kit **TRACKSIDE STRUCTURES** 933-3530

Thanks for purchasing this Cornerstone Series® kit. All parts are made of styrene, so use compatible paint and glue. Please read these instructions and study the drawings before starting construction.

This kit includes parts for three complete buildings typical of railroad structures found all over North America. They are ideal for steam- and transition-era layouts. Often found near stations, they can easily be used with the Golden Valley Depot Kit (933-3532) the Golden Valley Freight House Kit (933-3533) and the Wooden Water Tank Kit (933-3531), each sold separately, to model a complete scene.

INTERLOCKING TOWER

As railroads grew, operations became more complex in yards, stations and junctions. In 1856, a device to operate several turnouts at once was introduced. Although designed to reduce labor costs, its interlocking controls improved safety, as only turnouts on a selected route

could be operated. These “mechanical interlockings” were operated by hand, using levers, rods and cranks to actuate turnouts and signals. To shelter the machines, interlocking towers were constructed. Most were two stories tall with controls on the second floor and numerous windows to give the operator a clear view. Changing technology eventually automated the machinery and the towers were retired, but some remained standing long after, housing relays or other equipment.

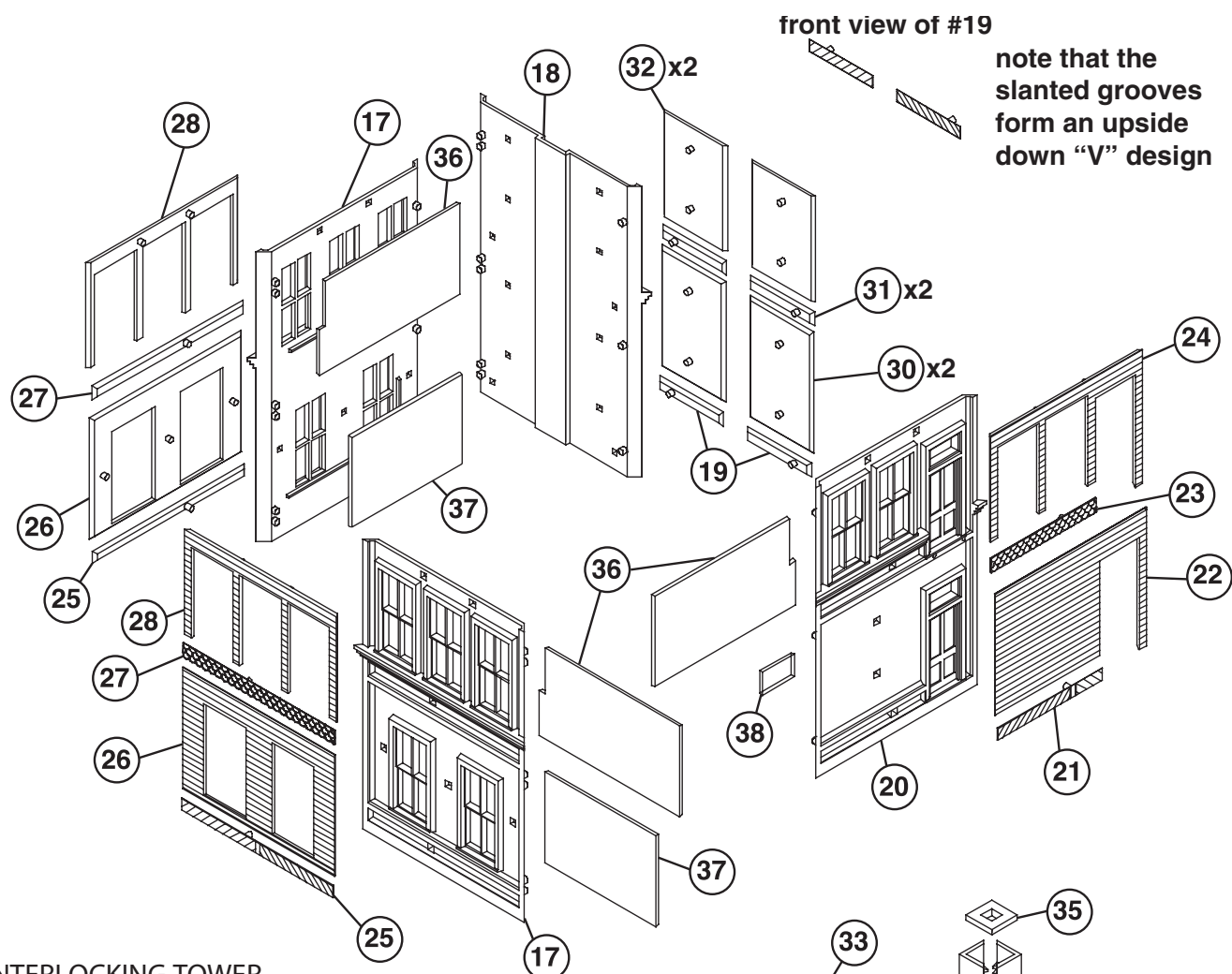
CROSSING SHANTY

Built to be functional not fancy, these tiny buildings once protected every busy highway crossing in town. Since they were highly visible to the traveling public, they were well maintained, and painted to match nearby stations. Only a few square feet inside and out, they served as shelter, equipment shed and storeroom for the watchman. Stopping traffic with a flag or lantern, he might also have to raise and lower gates or

turn on electric flashers by hand. Buildings of this type remained in use into the 1950s when automated warning systems were introduced.

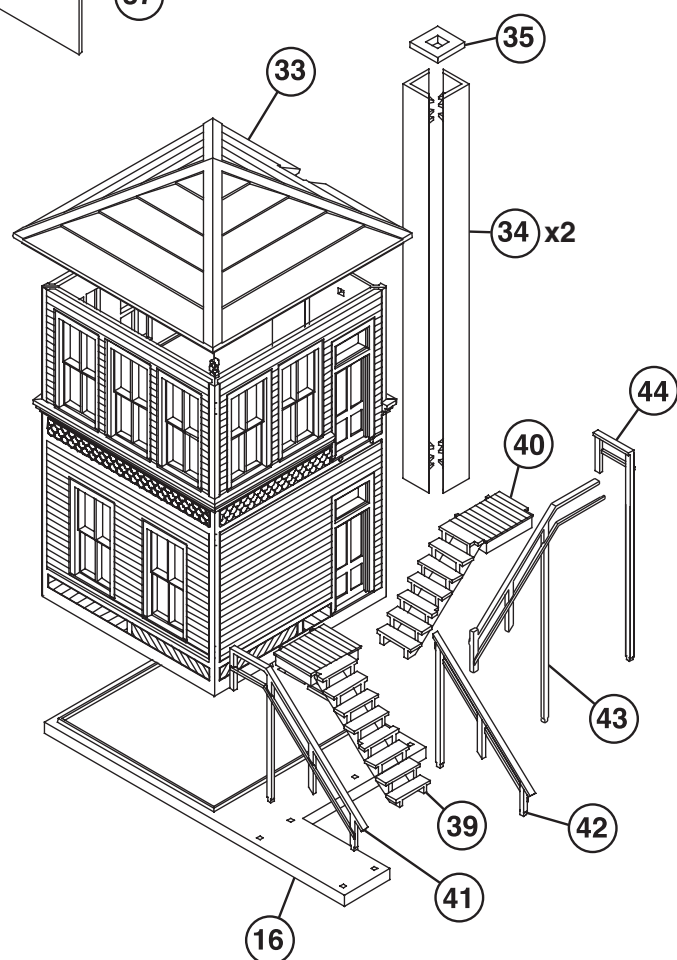
SPEEDER SHED

In the days when track repair was done entirely by hand, railroads were divided into 10-mile-long blocks or “sections.” Each was inspected daily by a work gang who also handled repairs and maintenance chores. Their tools and supplies were kept in a small storage shed, usually located near a depot or interlocking tower. The building was also designed to hold a handcar, or in later years, a gasoline-powered “speeder” inspection car. The shift to mechanized track maintenance machines that began in the 1930s gained speed after World War II, greatly reducing the numbers of speeder sheds in use. Some were converted to other purposes, many were torn down and others simply left to their fate, standing for decades until age and weather took their final toll.



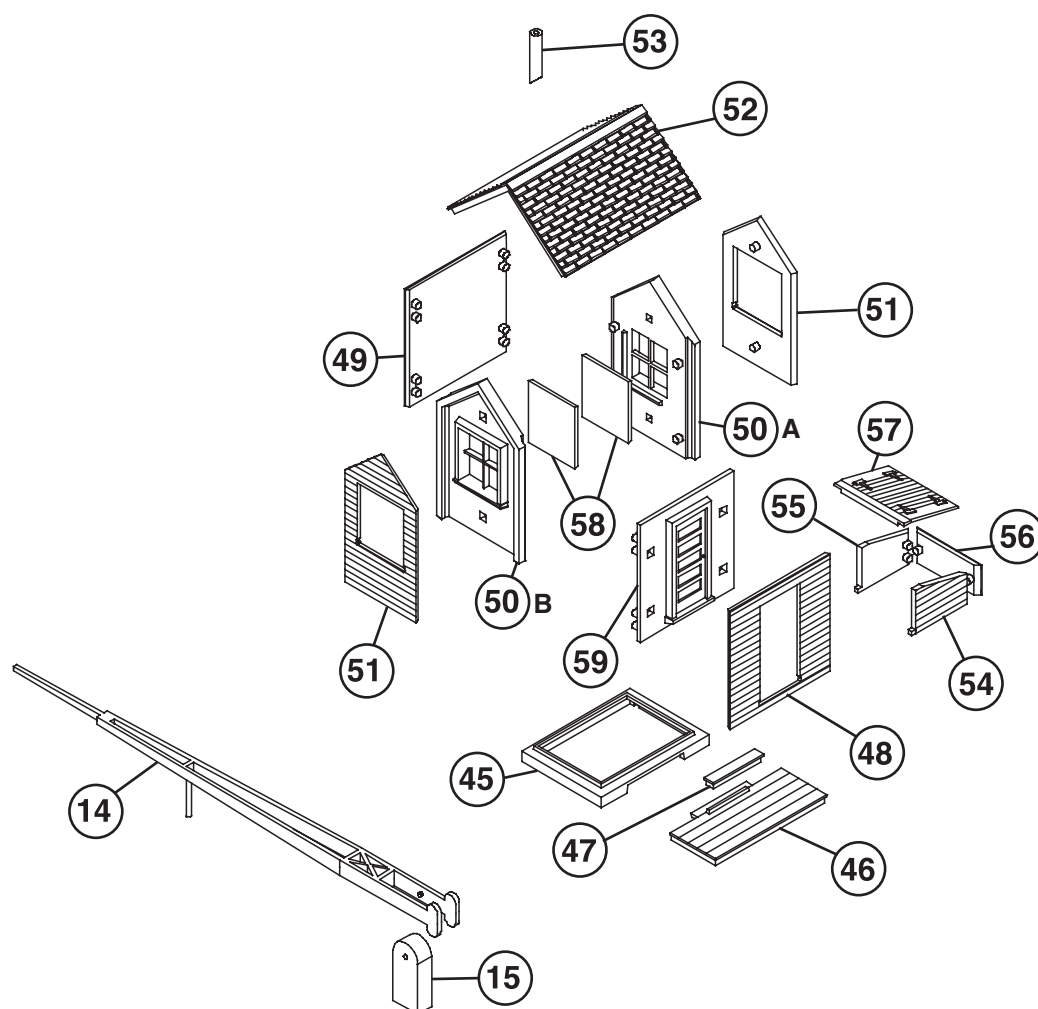
INTERLOCKING TOWER

1. Glue the window "glass" (36, 37, 38) to the backs of their respective walls (17, 18, 20).
2. On all of the walls there are four basic trim components that are applied; the upper wood siding (24, 28, 32), the middle "fish-scale" trim (23, 27, 31), the lower wood siding (22, 26, 30) and the bottom slanted trim (19, 21, 25). Glue these in place on the walls (17, 18, 20) as shown. Note: The "fish-scales" should point downwards and the slanted trim should form an upside down V.
3. Glue the walls (17, 18, 20) together and to the base (16).
4. Glue the chimney (34, 35) together and then to the slot in wall #18.
5. Glue the roof (33) in place.
6. Glue the two stairways (39, 40) to wall #20. Note: The top stairway has pegs that fit into holes below the door. The bottom stairway has pegs that fit into holes in the wood siding.
7. Glue the railings (41, 42, 43, 44) to the stairways and also into the holes in the base.



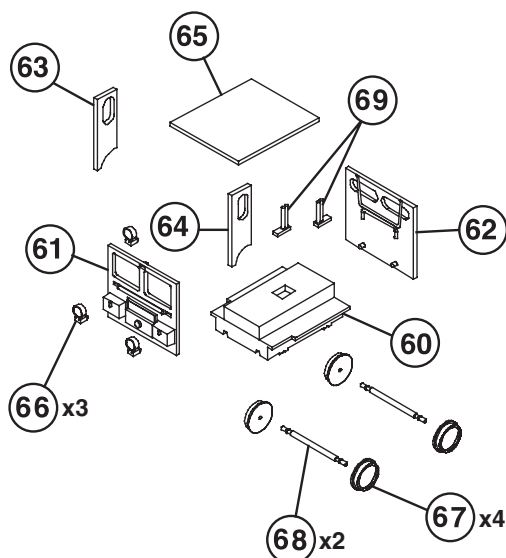
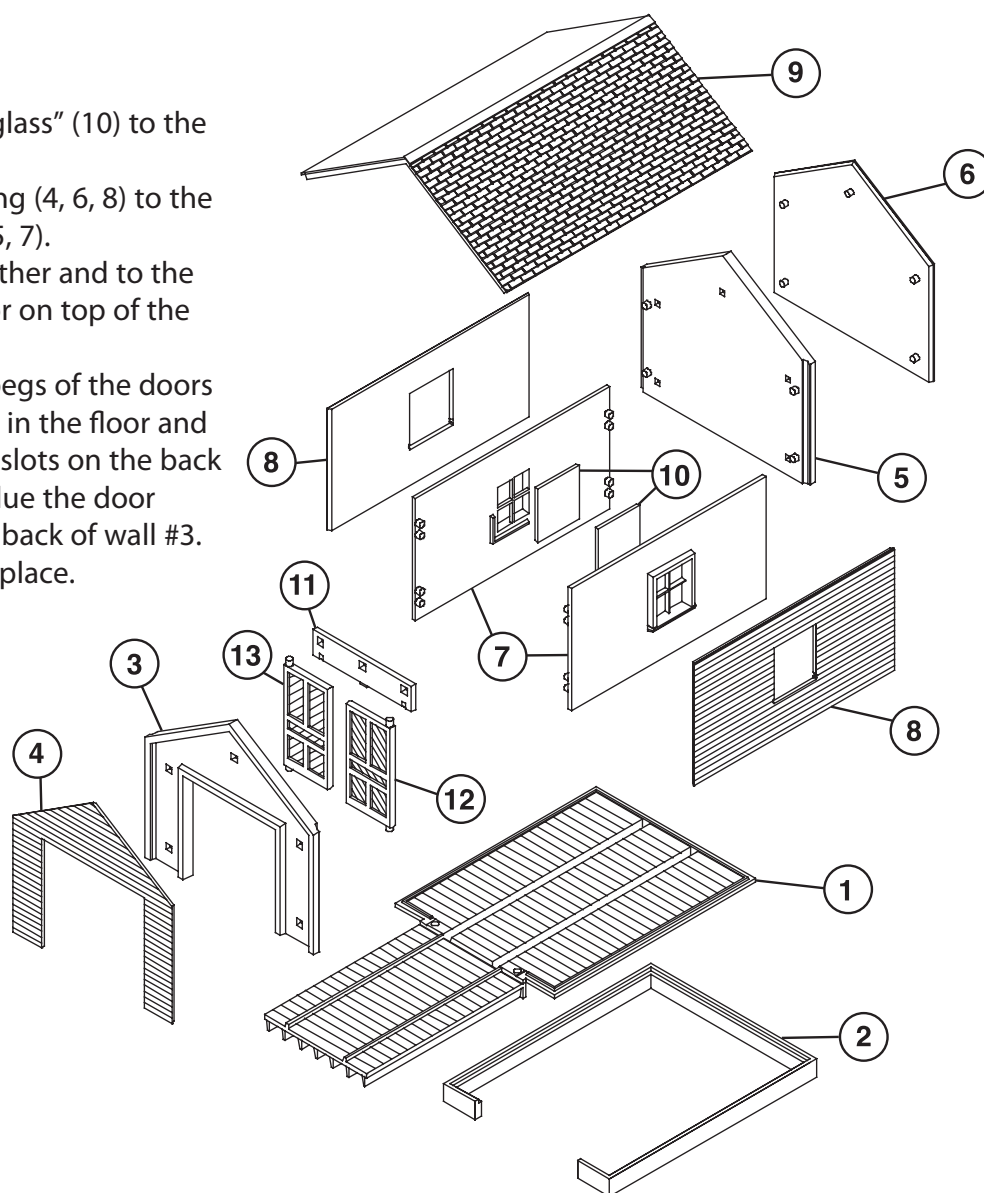
CROSSING SHANTY AND GATE

1. Glue the window "glass" (58) to the backs of the walls (50A, 50B).
2. Glue the wood siding (48, 51) to the walls (50A, 50B, 59).
3. Glue the walls (49, 50A, 50B, 59) together and to the base (45).
4. Glue the stoop (47) to the front porch (46) and this in turn to the base.
5. Glue the box (54, 55, 56, 57) together and to the base off of wall #50A.
6. Glue the roof (52) onto the walls and the smoke jack (53) to the roof.
7. Snap the gate (14) onto its base (15).



SPEEDER SHED

1. Glue the window "glass" (10) to the backs of the walls (7).
2. Glue the wood siding (4, 6, 8) to the appropriate walls (3, 5, 7).
3. Glue the walls together and to the floor (1). Glue the floor on top of the base (2).
4. Insert the bottom pegs of the doors (12, 13) into the holes in the floor and the top pegs into the slots on the back of wall #3. Carefully glue the door retainer (11) onto the back of wall #3.
5. Glue the roof (9) in place.



SPEEDER

1. Glue the wheels (67) to the axles (68). Glue the axles to the bottom of the body (60).
2. Glue the controls (69) into the slot on part #60.
3. Glue the sides (63, 64), front (61), and rear (62) in place on the body (60). Then glue on the roof (65).
4. Glue the three headlights (66) into the slots on the front (61), one on top and two in the middle below the windows.