

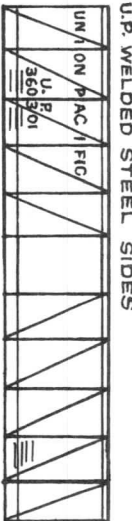
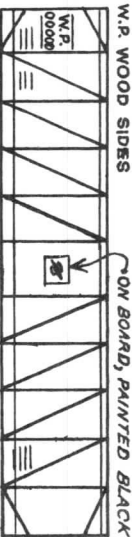
50' SINGLE DOOR
OUTSIDE BRACED BOX CAR

Study the plans and instructions carefully. The sides on these cars are built up in prototype fashion, with a steel member the length of the sides, at both top and bottom. These are tied together by the Z-Braces and the ends.

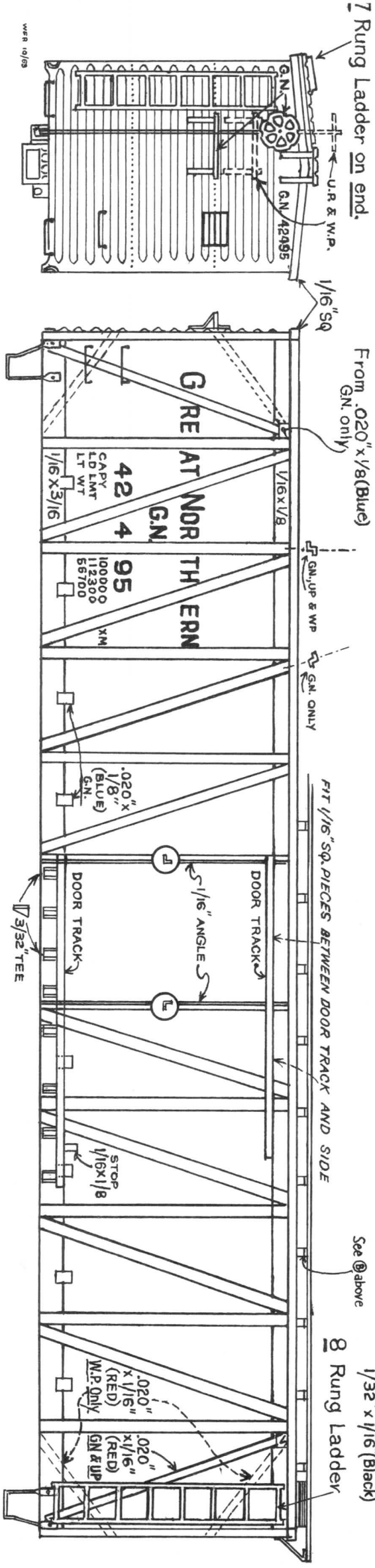
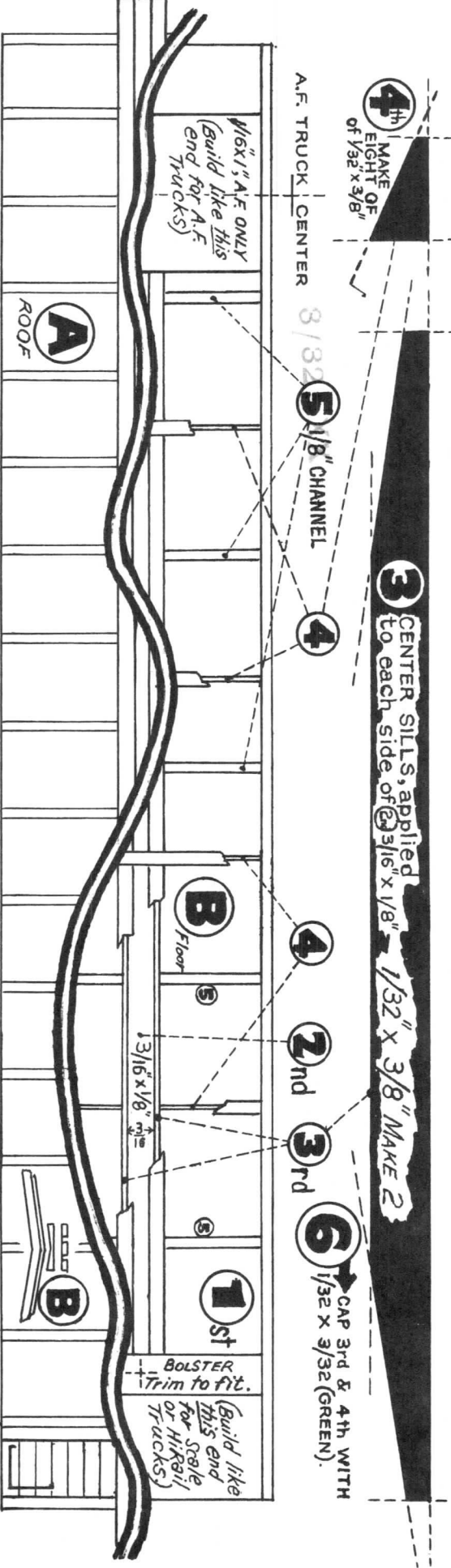
Color: Great Northern cars exist in both the old Box Car Red, and the new Bright (Caboose) Red. Number shown is new color. Western Pacific and Union Pacific, Box Car Red. The undersides and trucks are black.

Take your time in building this car. We hope you will be proud to add it to your ayout.

Regal Kits



If you should miss or spoil a part, write
REGAL KITS
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IMPORTANT: Cut color-coded pieces from uncolored ends, to maintain identification. NE wood has one face of a satin finish, keep this outward. Also note that all three cars differ in both side-bracing and brake wheel details.

1. Assemble roof and floor, with the end blocks at each end, in the usual manner. Cover the floor with the $1/32"$ x $1/8"$ scribed sheeting, making flush with floor edge. Make certain this assemble is square.

2. Build up the two complete sides. These each consist of a $1/16"$ x $1/8"$ and a $1/16"$ x $3/16"$, each $9\ 3/8"$ long (end colored yellow), and a pair of $1/16"$ x $1/8"$ scribed pieces. (NOTE: The Union Pacific car uses plain smooth sides.) Assembling face down so surfaces are flush, glue sides between the $1/8"$ piece at top, the $3/16"$ at bottom, keeping the outer ends of sides even with top and bottom pieces.

Note that on ALL cars the vertical braces face the door. On the Great Northern car ONLY the diagonal braces face the ends. On the Western Pacific and Union Pacific cars they face the door, similar to the vertical braces. Refer to small drawings at top of plan. Also glue $1/16"$ angle on each side of door opening. Glue sides to body.

3. Glue a $1/16"$ square at the top of each end, flush with roof top. The cast sides are butted up against this piece, after first filing slightly narrower, to match car width. Glue or Pliobond in place.

4. Apply roof detail, according to lower half of Drawing A. Roof ribs are of $1/32"$ x $1/16"$ (colored black). Roof walk supports are of same material, shaped on bottom to fit pitch of roof-ribs. See Sketch B. One extra rib is used to support the left side of the lateral roof walks. The roof walk is made of individual pieces of $1/32"$ x $3/32"$ (colored green). Piece up as necessary, with joints always at roof ribs. Lay center board first on roof walk.

5. Build up underfloor detail as shown in Drawing B. If for AF trucks, build both ends as shown at left end of floor plan, if for scale or hirail trucks, build both ends as shown at right end. Start with 1st (Bolster), then 2nd ($3/16$ x $1/8$ down center) and so on, in sequence shown on plan.

Finish up details on ends and sides as shown on plan. We recommend that details on ends be soldered in place. It must be done carefully. Carefully file the top and bottoms of doors to a sliding fit, with corners of door VERY SLIGHTLY rounded.

6. Before painting, all wood parts except the scribed siding itself and roofwalks should be shellaced or sealed. On UP car only, seal these sides also. Refer to plan for colors.