

END FASCIA  
3/32 X 1/2

END BLOCK

1/8 ANGLE

## BOX CAR O SCALE

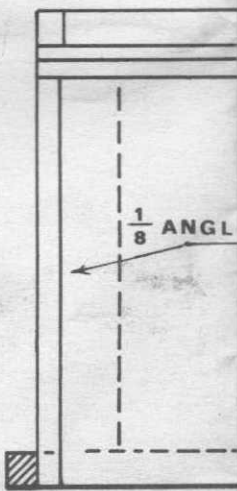
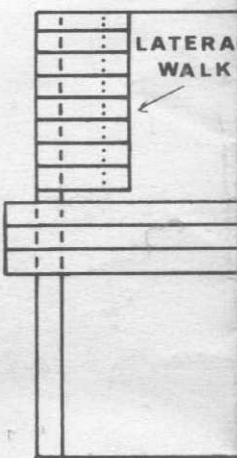
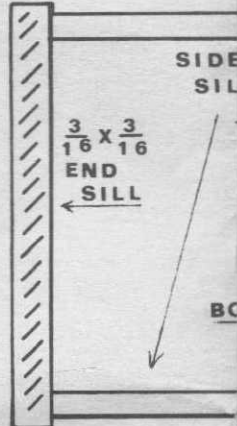
"THE NEXT BEST THING TO SCRATCH BUILDING"

### GENERAL HINTS:

The instructions are drawn in "O" scale, for a 36' box car. However, A car of any length may be assembled from these instructions.

Before beginning actual construction, read entire instruction sheet and familiarize yourself with all the parts. Clean flashing from metal parts and apply a primer coat of paint. Sand all wood parts.

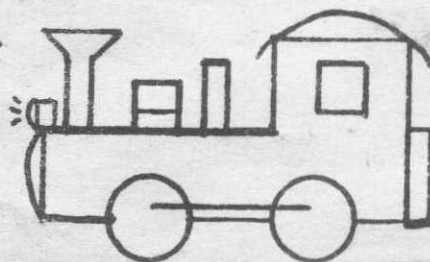
- Using the 3/32" x 1/2" x 5 1/2" stripwood...form roof end fascia boards by cementing a piece 2 3/4" long to each end of roof...trim to roof shape and sand.
- Assemble basic body...(see fig. 1)...make sure assembly is square.
- Cement bolsters, center sill, 1/8" x 1/8" side sills and cross braces to the underbody as shown in Fig. 2.
- Cut two pieces 2 1/4" long from the 3/16" x 3/16" x 5 1/4" piece of stripwood to form end sills...cement to each end of floor as shown...overhanging each side by 1/16" ...(fig. 2).
- Cut 22 pieces 1 1/4" long from the 1/16" x 1/8" stripwood for roof ribs...cement end ribs first...space the remaining ribs along the length of roof. Sand ribs & taper at roof edge...cut roof walk to proper length...let an overhang at each end of roof about 3/16"...cement in place (fig. 3).
- Cement a piece of 1/16" x 1/8" strip to one long side of each lateral roof walk...position as shown in Fig.3 ...cement.
- Cut 1/16" scribed siding for ends...fit between roof fascia and end sill. Cement in place, Fig. 5 & 6.
- Drill holes for Grabs with #78 drill...position brake platform, brake rod & brake wheel as shown (Fig. 6)...cement. (Basic assembly may be painted)
- Trim siding (4 pieces) to proper length...leave about 1 1/2" opening for door...paint & letter siding...cement in position see Fig. 4.
- Fill in above & below doorway with scrap siding & stripwood (fig. 4).
- Install door guides (fig. 4)...make doors, using 1/32" thick by 1/16" scribed siding...we've shown a basic door (fig. 7), however you can add loads of detail.
- Drill holes & install grab irons in siding...locate below lateral roof walk. Cut 1/8" angle and cement on each corner. Apply 1/32" x 1/8" roof trim (fig. 4).
- Touch up paint and install trucks and couplers.
- Now sit back and admire your completed car.



YE OLDE HUFF N PUFF

CRAFT-TRAIN CAR KITS

RICHARD & SHIRLEY KOONTZ  
4820 W. WHITEHALL RD.  
PA. FURNACE, PA. 16865



FLOQUIL BOX CAR RED

