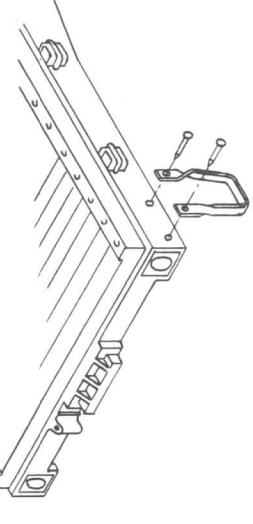
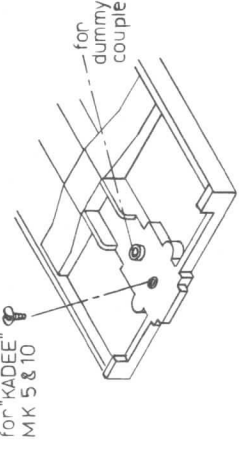


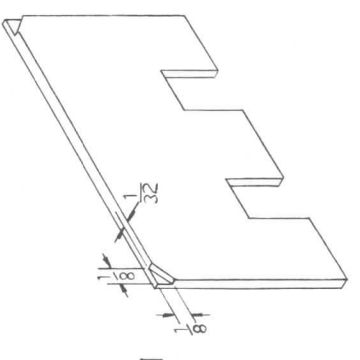
1. CLEAN FLASH FROM BASE CASTING. USE PLIERS TO BREAK OFF LARGE PIECES, FINISH WITH A FILE AND A MODLERS KNIFE.
2. ATTACH END AND CENTER STEPS BY DRIVING PINS THROUGH STEPS INTO PREDRILLED HOLES AS SHOWN. SNIP OFF SURPLUS PIN ON INSIDE WITH DIAGONAL PLIERS.



IF "KADEE" COUPLERS ARE USED, THE SELF-TAPPING SCREWS SHOULD BE THREADED IN AT THIS TIME. THE TAPPED BOSS FOR DUMMY COUPLERS SHOULD BE REMOVED.

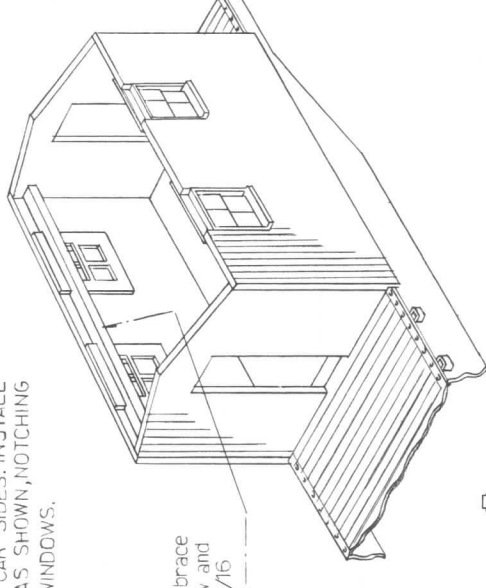


4. NOTCH THE INSIDE OF THE SIDES AS SHOWN SO THAT THE SIDES WILL FIT INTO THE MILLED OUT PORTION OF THE CAST BASE.

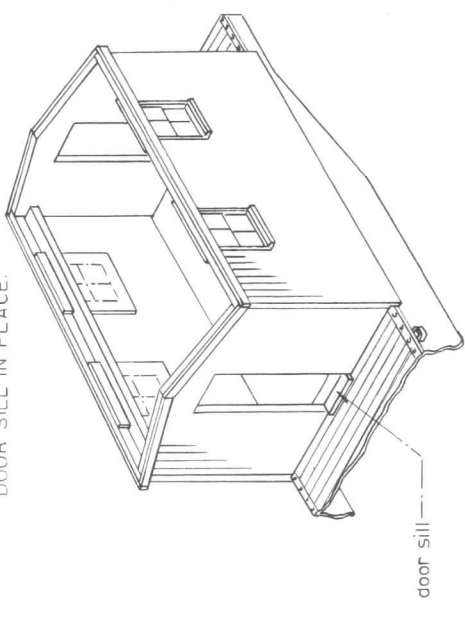


5. CEMENT SIDES IN PLACE, CLEAN FLASH FROM CAST WINDOWS AND CEMENT INTO THE SLOTS IN THE CAR SIDES. INSTALL THE SIDE BRACES AS SHOWN, NOTCHING OUT AROUND THE WINDOWS.

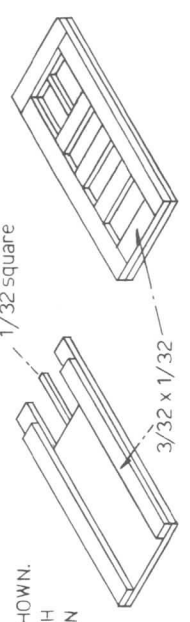
3/32 x 1/16 side brace notch for window and cement in place 1/16 from top of side



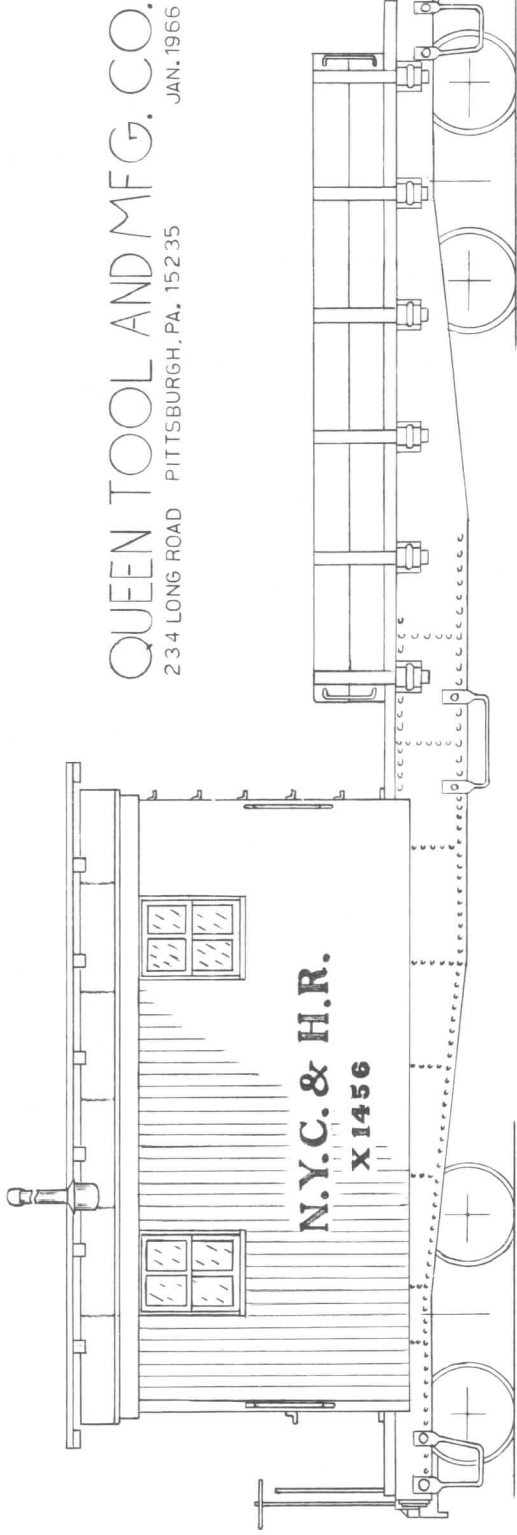
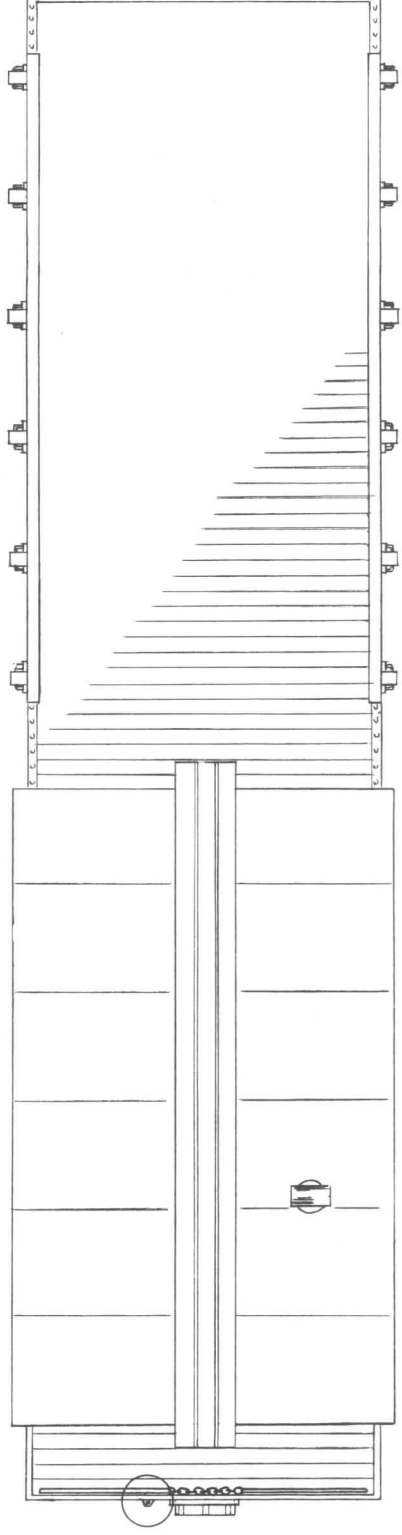
6. INSTALL THE 3/32 x 1/32 FASCIA STRIP ON BOTH SIDES AND BOTH ENDS. CEMENT THE 3/32 x 1/32 DOOR SILL IN PLACE.



7. ASSEMBLE THE DOORS AS SHOWN. WHEN ASSEMBLED SAND BOTH SIDES OF THE DOORS TO THIN TO ABOUT 1/32 INCH. FIT THE DOORS TO THE OPENINGS IN THE ENDS AND CEMENT IN PLACE.

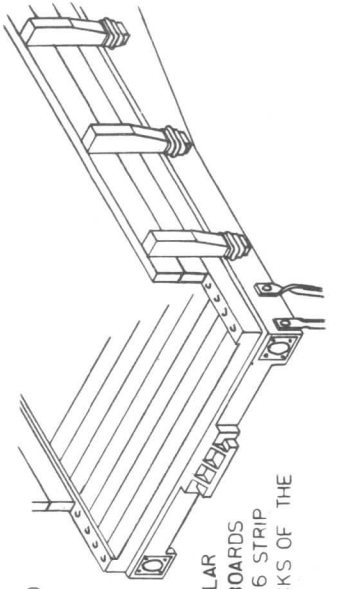


8. THE WOOD INNER ROOF FITS INSIDE THE CABIN BODY RESTING ON THE SIDE BRACES WITH THE TOP BEING FLUSH WITH THE TOPS OF THE SIDES AND ENDS. SLIGHT SANDING OF THE INNER ROOF MAY BE NECESSARY TO ALLOW IT TO DROP INTO PLACE. DO NOT CEMENT IN PLACE. THE ROOF ASSEMBLY IS LEFT REMOVABLE FOR GLAZING THE WINDOWS AFTER PAINTING OR FOR DETAILING THE INTERIOR.

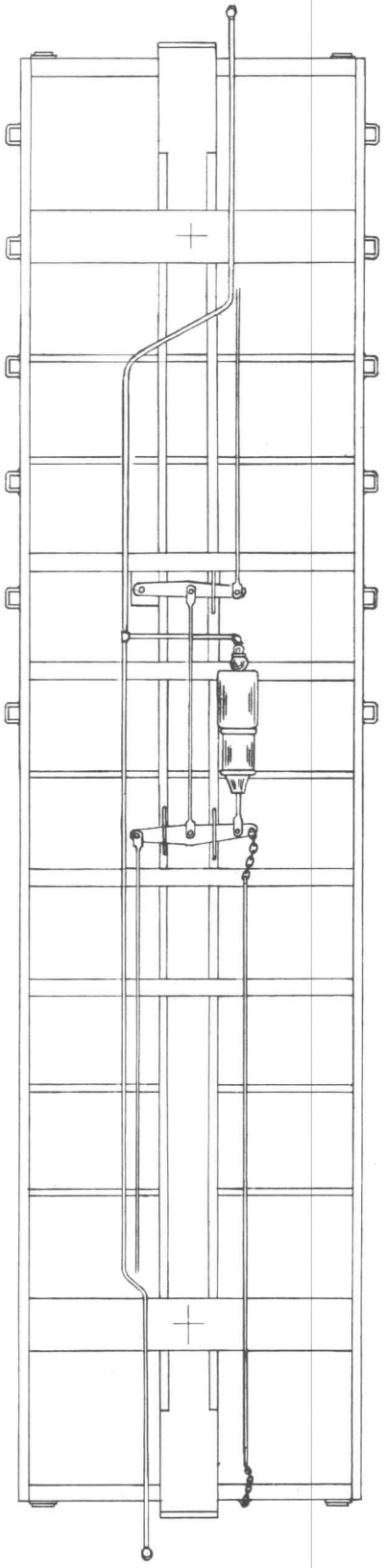


QUEEN TOOL AND MFG. CO.
234 LONG ROAD PITTSBURGH, PA. 15235
JAN. 1966

9. CEMENT THE OUTER CARD STOCK ROOF TO THE INNER ROOF ALLOWING AN EVEN AMOUNT OF OVERHANG ON ALL FOUR SIDES. CUT THE SANDPAPER PROVIDED INTO STRIPS 9/16 IN. WIDE AND CEMENT, SMOOTH SIDE DOWN, TO THE CARD STOCK ROOF. CEMENT STRIPS CROSSWISE BUTTING THE EDGES, WHEN DRY, TRIM FLUSH WITH THE EDGES OF THE CARD STOCK. WHEN PAINTED THE SANDPAPER HAS THE APPEARANCE OF ROOFING PAPER.
10. FROM 1/16 IN. SQUARE STRIPWOOD CUT SIX ROOF WALK SUPPORTS. NOTCH TO FIT THE ROOF AND CEMENT IN PLACE. ATTACH THE ROOF WALK AND THE SMOKEJACK.
11. CUT FROM 3/32 x 1/16 STRIPWOOD 12 SIDE STAKES. ALLOW THE STAKE TO EXTEND 1/32 IN. BELOW THE STAKE POCKET AND 3/8 IN. ABOVE THE FLOOR. THE BACK OF THE STAKE MAY HAVE TO BE TAPERED TO ALLOW IT TO STAND PERPENDICULAR TO THE FLOOR. CUT FOUR SIDE BOARDS 3 11/32 IN. LONG FROM 3/16 x 1/16 STRIP WOOD AND CEMENT TO THE BACKS OF THE STAKES.



12. MAKE UP THE END RAILING AS SHOWN FROM .025 DIA. WIRE. SOLDER OR CEMENT THE JOINTS, INSERT IN HOLES IN THE END SILL AND CEMENT. ADD GRABIRONS AND BRAKEWHEEL & STAFF.
13. ASSEMBLE THE "K" BRAKE CYL. AND THE 1/4 x 1/4 x 1/2 BLOCK. CEMENT TO THE UNDERSIDE OF THE CAR. ADD THE BRAKE RIGGING AND PIPING IF DESIRED.
14. PAINT THE CAR THE DESIRED COLOR. THE PROTOTYPE WAS PAINTED BOX CAR RED WITH A BLACK ROOF. AFTER PAINTING THE WINDOWS MAY BE GLAZED AND THE ROOF CEMENTED ON.
15. ADD THE TRUCKS AND COUPLERS OF YOUR CHOICE. THE PROTOTYPE USED "FOX" TRUCKS WHICH ARE NOT PRESENTLY AVAILABLE IN "S" GAUGE.



BOOM END

NO DECALS ARE PROVIDED AS MOST MODELLERS PREFER TO LETTER WORK CARS FOR THEIR OWN ROAD.