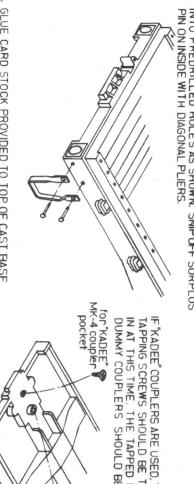


WOOD SIDE GONDOLA CAR

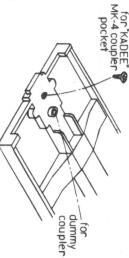
SD&AE QUEEN TOOL & MFG.CO.
drawn by D.G.F. date PGH. PA. 9-6-64



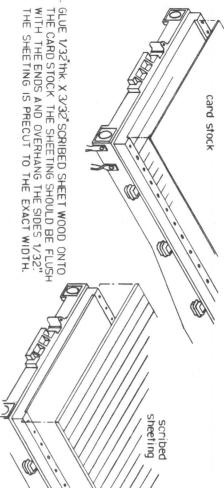
ATTACH END STEPS BY DRIVING IN PINS, THROUGH STEPS INTO PREDRILLED HOLES AS SHOWN. SNIP OFF SURPLUS PIN ON INSIDE WITH DIAGONAL PLIERS.



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.

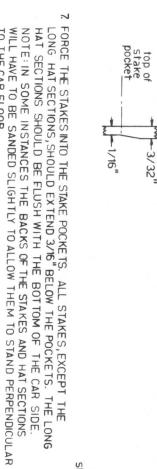


GLUE CARD STOCK PROVIDED TO TOP OF CAST BASE.
MAKE CERTAIN IT IS FLUSH WITH THE ENDS OF THE BASE AND INSIDE THE RIVET STRIP ON EACH SIDE





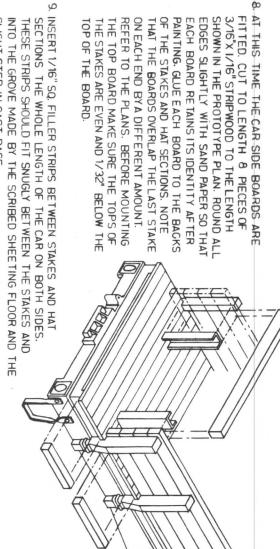
CUT SIDE STAKES FROM 3/32"X1/16" STRIPWOOD AND 3/32" HAT SECTION. REFER TO PROTOTYPE PLANS FOR THE SIZE, NUMBER, AND LOCATION OF EACH STYLE. CUT THE 3/32X1/16" STRIPWOOD STAKES AS SHOWN BELOW SO THEY WILL FIT INTO POCKETS.



floor

TO THE CAR FLOOR.

8. AT THIS TIME THE CAR SIDE BOARDS SHOWN IN THE PROTOTYPE PLAN. ROUND ALL EDGES SLIGHTLY WITH SAND PAPER SO THAT EACH BOARD RETAINS ITS IDENTITY AFTER REFER TO THE PLANS. BEFORE MOUNTING THE TOP BOARD MAKE SURE THE TOPS OF THE STAKES ARE EVEN AND 1/32" BELOW THE FITTED. CUT TO LENGTH 8 PIECES OF 3/16"X 1/16" STRIPWOOD TO THE LENGTH PAINTING. GLUE EACH BOARD TO THE BACKS OF THE STAKES AND HAT SECTIONS. NOTE ON EACH END BY A DIFFERENT AMOUNT THAT THE BOARDS OVERLAP THE LAST STAKE OF THE STAKES AND HAT SECTIONS. NOT TOP OF THE BOARD. ARE



SLIGHT STEP IN CAST BASE. INTO THE GROVE MADE BY THE SCRIBED SHEETING FLOOR AND THE THESE STRIPS SHOULD FIT SNUGLY BET

10. GLUE IN CHANNELS FOR THE CAR END

ROUND ALL THE EDGES SLIGHTLY AND GLUE THE BOARDS INTO PLACE.

GLUE IN CHANNELS FOR THE CAR END BOARDS. CHECK THE PROTOTYPE PLAN FOR THE EXACT LOCATION. FROM 3/16X1/16"STRIPWOOD CUT & END BOARDS. TRIM ENDS SO THEY FIT SNUGLY INTO THE CHANNELS,

12. FROM 3/32" X1/16" STRIP WOOD CUT TAPER THE LOWER ENDS AS SHOWN. CUT 4 END BRACES FROM 3/32"X1/16" DIAGONALLY OPPOSITE ENDS. ENDS SO THAT 1/64" EXTENDS PAST THE STAKES. THE HEIGHT OF THE THRUBOLT ON THE PROTOTYPE PLAN. PUSH THE 025" WIRE THE STAKE ON THE OPPOSITE SIDE. CHECK WOOD AND GLUE INTO POSITION. WHEN GLUE HAS SET, INSERT A LENGTH OF .025"WIRE THRU BOLT INTO THE HOLES AND TRIM INTO A PIN VISE AND DRILL THROUGH 3/32 x1/16 grab iron 2 GRAB IRON SUPPORTS. H STRIP -tooddr CEMENT INTO PLACE ON IH. end brace 3/32'X1/16' 025"wire

13 ADD THE GRAB IRONS AS SHOWN ON THE PLANS. THE SMALLER GRAB IRONS ARE PROVIDED, THE BLOCK ARE GLUED TO THE UNDERSIDE OF THE CAR AS SHOWN IN THE PLAN. THE BRACKET ON THE END SILL. THE CAST METAL"K" TYPE BRAKE CYLINDER AND THE WOOD MOUNTING ARGER AREFORMED FROM .025" BRASS WIRE. THE BRAKE WHEEL AND STAFF ASSEMBLY IS FIT INTO

14. THE UNDERSIDE VIEW ON THE PLANS SHOWS THE COMPLETE BRAKE SYSTEM. MATERIAL IS PROVIDED SO THAT THE MODELER CAN ADD THESE DETAILS. AS THE BRAKE SYSTEM IS NOT VISABLE WHEN THE CAR IS ON THE RAILS THESE DETAILS MAY BE OMITTED.

ij THE CAR IS NOW READY FOR PAINTING. 24 HOURS, APPLY THE DECAL LETTERING AS SHOWN IN THE PLANS. USE "DECAL-SET" OR A SIMILAR PRODUCT FOR BEST RESULTS. AFTER THE DECALS ARE SET, A SPRAYED COAT OF DULL VARNISH WILL SANDING THE WOOD PARTS LIGHTLY BETWEEN COATS. WHEN THE PAINT HAS DRIED SUFFICIENTLY, ABOUT GREATLY ENHANCE THE APPEARANCE AND LETTERING. APPLY TWO THIN COATS OF BOXCAR RED. OF THE MODEL

6 THE TRUCKS AND COUPLERS CAN NOW TRUCK BOLSTER AND THE CAR, IF NECESSARY, TO ADJUST THE COUPLER CENTER LINE HEIGHT TO 17/32" REMOVED AND THE SIDEFRAMES, BOL ASSEMBLY. PAINT THE COUPLER POCKETS,IF"KADEES" ARE USED, OR DUMMY COUPLERS TO MATCH THE CAR BETWEEN THE COUPLER POCKET AND THE CAR OR BETWEEN THE ABOVE THE TOP OF THE RAIL STERS, AND SPRINGPLANKS PAINTED OR DYED BLACK BEFORE BE ATTACHED. THE TRUCK PARTS MUST HAVE THE FLASH

17 ANDREWS TRUCKS ARE CORRECT FOR THIS PROTOTYPE, BUT OTHER TYPES MAY BE USED