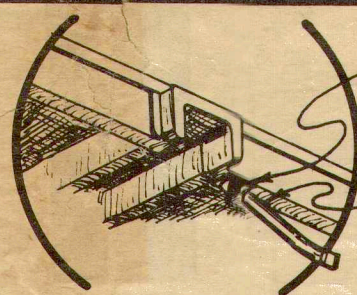
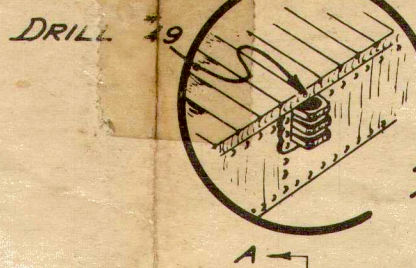


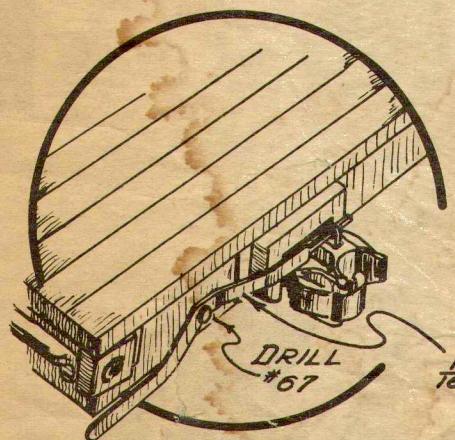
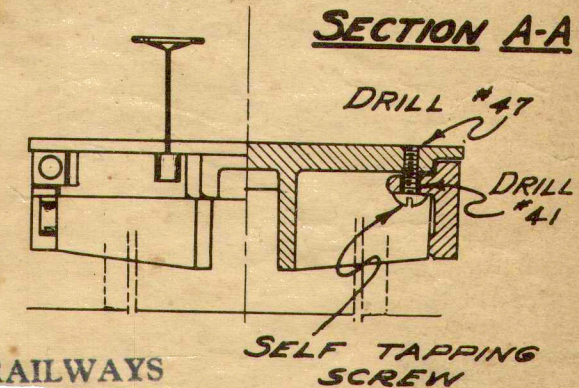
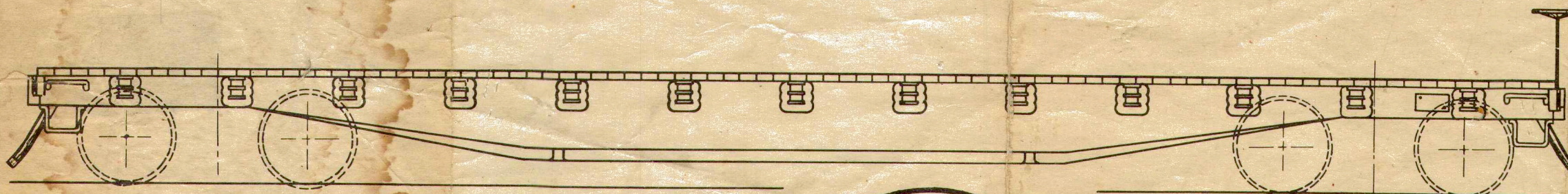
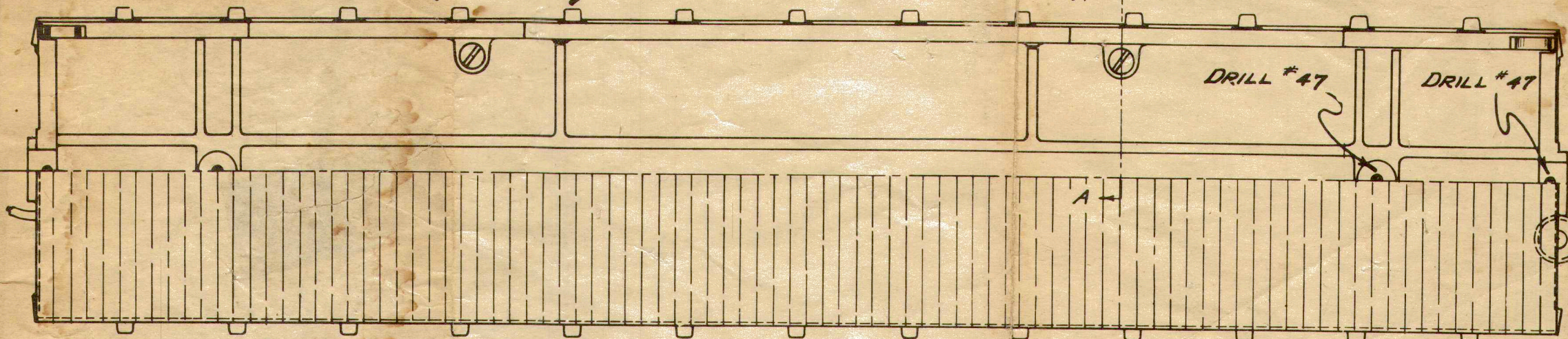
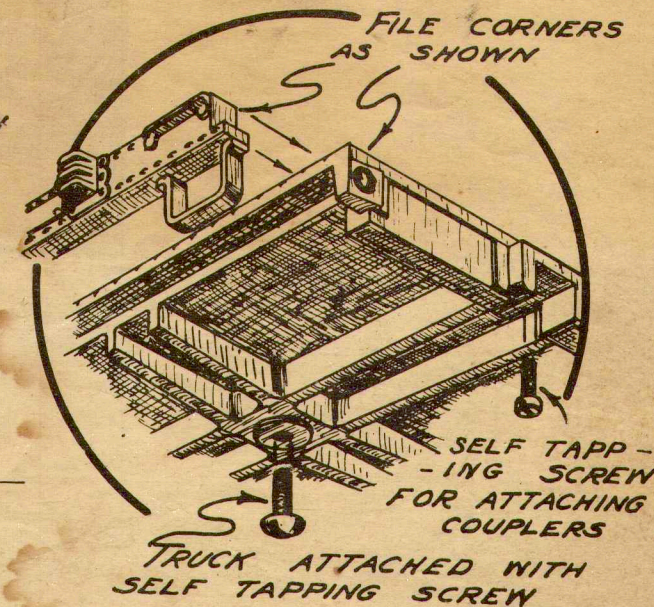
AIR HOSE DETAIL
 DRILL #52. BEND AIR HOSE FROM 1/8" DIA. REED. FLATTEN END, AND FORCE INTO HOLE.



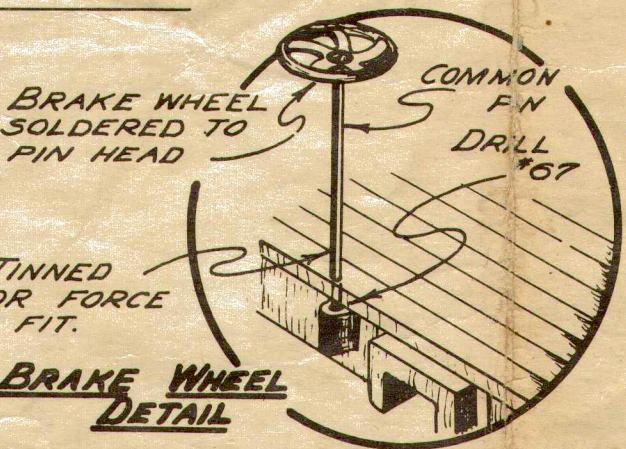
DRILL #52
 PLACE A DROP OF CEMENT ON AIR HOSE IF TIGHTER FIT IS DESIRED.



DRILL #49
 IF STAKES ARE DESIRED, DRILL THE STAKE POCKETS WITH #49 DRILL AND FORCE 1/16" SQUARE BRASS RODS INTO THESE HOLES. ROUND THE ENTERING EDGE SLIGHTLY WITH A FILE TO GUIDE.



AUTOMATIC COUPLERS, ALTHOUGH NOT FURNISHED IN KIT, MAY BE ATTACHED AS SHOWN. PIVOT IS MADE BY FORCING COMMON PIN INTO #67 HOLE.

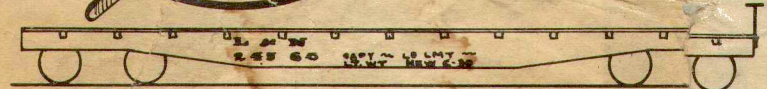


CONSTRUCTION NOTES

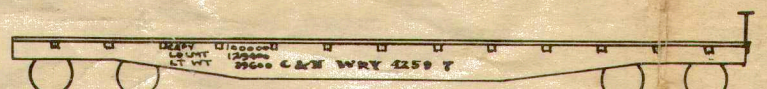
The castings should first be filed until they fit together as shown in the detail. File lightly and carefully, keeping the corners sharp and square. Drill the floors and frame casting with a No. 47 drill at the spotted positions on the underside. Clamp or otherwise hold the sides in position on the floor and frame castings, and drill the side assembly lugs with a No. 41 drill and attach the sides. Use 1/4" self tapping screws. It is advisable to use a large screw driver for insertion. Drill the center plates with a No. 47 drill and fasten the trucks on with 3/8" self tapping screws. Drill with a No. 47 drill at the spotted positions for the couplers. Attach the couplers with 1/4" self tapping screws. The poling pockets are made by center punching and lightly drilling with a No. 27 drill. The brake wheel is fastened by putting wheel on a common pin and soldering it to the head. Drill the brake wheel "boss" with a No. 67 drill, tin the bottom of the brake wheel axle with solder and force it into the hole. The air hoses are made of 1/16" diameter reed bent to shape and cut at one end as shown in the de-

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tail and cemented in place in a No. 52 hole that is drilled in the casting.
 Give the car including trucks, two coats of freight car red all over and apply lettering. It has been found by many model builders that a coat of flat varnish not only preserves, but reduces the gloss of the finish and gives the model a much more realistic appearance.



LETTERING DETAIL



50 TON FLAT CAR
 46 Foot, Fish Belly