

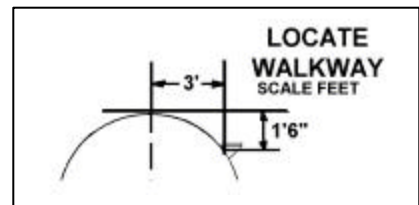
# CONCEPT MODELS

Web Address: <http://www.con-sys.com>  
Email: [concept\\_models@con-sys.com](mailto:concept_models@con-sys.com)

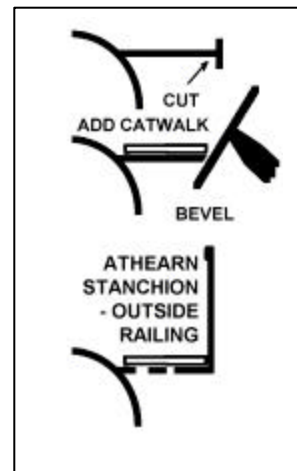
8810 El Toro Way  
Stockton, CA 95210

The materials provided with this kit are made within the scope of the casting process. It is possible for more detailed walkways by purchasing etched metal parts. Plano makes a number of components that can be applied to add additional details. The following instructions are what I have used to make a durable model that withstands operation and club handling.

**1** Locate the position for the walkway components as shown and draw a line the length of the tank. Note: Some cars have walkways on both sides of the tank while most have only one. The walkway should be up against the dome handrails.



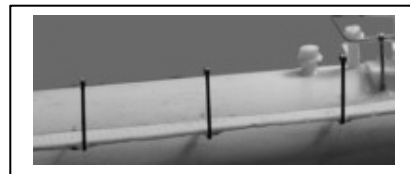
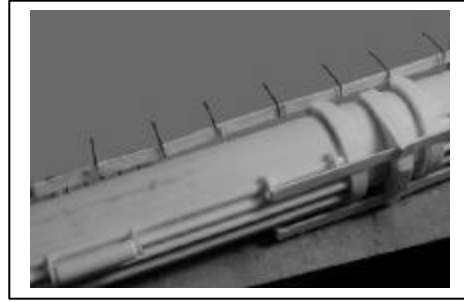
**2** Drill #76 holes for the catwalk support approximately every 7 scale feet missing any tank rings. Common dress pins should be a force fit. Make sure the pins will be parallel to the ground when the car is upright. Cut away some of the catwalk to get by large reinforcing rings. Bend the pins level and glue the walkway sections to them. Taping the walkway in place may be helpful in getting the walkway in the correct position. Make the splice of the walkway sections away from a pin. After the glue has set, cut off the excess length of the pins. Trim the ends of the pins with a wire cutters followed by an emery disk on a motor tool to bevel the pin edges.



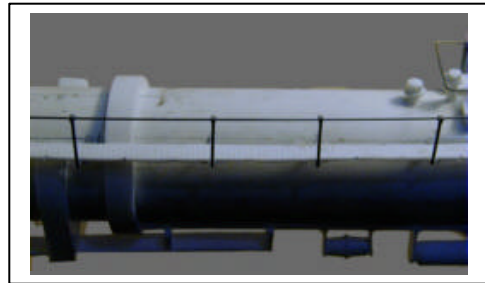
**3** Drill holes for stanchions (not supplied) in the dome area. The long Athearn stanchions for locomotives work well. Drilling should be parallel to the ground to make use of the shape of the stanchions.

**4** Pre-bend the stanchions 90 degrees so that the upright part will be 4 scale feet long. (Make them shorter if you have tunnel clearance problems. ~ 3 s.f.)

Glue stanchions to the underside of the catwalk with ACC cement. They should be all of equal length and perpendicular to the catwalk. Use an accelerator such as Zip Kicker to set the ACC cement.



**5** Thread .020" music wire through the eye of the stanchions as shown. Pinch the stanchion eyes to grab the handrail wire. Use a pin to transfer a droplet of ACC cement at each eye of the stanchion to lock the handrail in place.



**6** Attach ladders and terminate the handrail as shown. The Kadee coupler tool is actually a jewelers pliers for making rings. It works well to make the bends in the handrails at the ends.

