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BUILDINGS

A 1/29 NYC Roundhouse - Part III

By Noel Widdifield
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Exterior Shed:

I next began to build the exterior shed to house the auxiliary steam generator. I cut out two pieces of the 1/2" basswood to form the concrete floor for the shed.

- I cut posts from the 1/2" X 1/2" basswood and cut the roof from Plastruct corrugated styrene.



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- I put a thin strip of Plastruct concrete block around the two pieces of basswood and painted it with aged concrete paint.
- I fastened the posts and crossbeams in place and glued the roof to the side of the building using White Lightning.



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Main Back Roof:



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After gluing some roof ventilators from Westport Model Works to the front roof and using the same technique I had used on the front lower roof, I cut out a cardboard pattern for the three upper roof sections. I needed three separate roof sections because of the size of the roundhouse and my desire to have access to that part of the building with removable roofs. I cut out the three roof sections from the 1/4" birch plywood using my 8" table saw, painted the underside a dark gray and began to fasten the 3M No 2 Aluminum Oxide sandpaper to the roof sections.



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After gluing all of the sandpaper in place, I sprayed the roof sections with the grimy black and weathered it with primer gray, earth and rust.



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The next challenge was getting the birch plywood to not warp after all of the sandpaper, glue and paint were applied. I laid the roof sections in place and weighted them down with the nearest power tools.



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I left them in place for a month while I left the snowy Northland for a vacation in sunny Florida. When I returned to the snow in early March, the roof sections were fairly straight.

I cut six smoke ventilators from 1" balsa and trimmed them to the desired shape so they would stand vertically from the roof.



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Then I cut the smoke deflectors from .060" styrene sheet and 1/16" X 1/16" styrene



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and glued them to the top of the ventilators. I painted the ventilators flat black



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and glued them in place on the roof by using White Lightning.



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I did the ventilator construction in my workshop



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Most of the construction to this point had been done in the layout room with the roundhouse in place.

Next Project:

Now all I need to do is to ballast the tracks and put the interior offices and shops and tools in place.



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I found equipment available from S.E LTD, so I ordered a few pieces to determine the quality and then purchased all I needed for the roundhouse. This allows me to have a machine shop, bathrooms and offices inside the roundhouse.



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The hoppers were especially excited about the indoor bathrooms. I am still working on the interior and will soon start the ballast. Perhaps there is one more article to be written on ballasting and interior finishing.

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