



Division Points

Indian Nations Division of the National Model Railroad Association

www.tulsanmra.org

Issue No. 62

January 2020

From the Meeting Coordinator

As most of you know, Steve Davis has offered to be Division Superintendent starting in 2021 but that leaves us with the need for a 2020 superintendent. At our last meeting in 2019 it was decided that the division would ask for volunteers to be interim superintendent (Meeting Coordinator) for each of the 2020 meetings. I will take the January meeting and Tom Fausser will take the May meeting. We need two more volunteers, one for the September meeting and one for the November meeting. I realize Fall is a long way off and you may not know your family schedules yet, but we need to know by our May meeting so give it some thought.

Tulsa is starting to have more scheduled operating sessions and there is a need to post these events and provide a way to sign up for them. Ray Brunner has found a potential solution with an online service called "Teamup". He will explain what it is and how it works at our January meeting.

See you all at the meeting!

Dave Steensland



January 18th Meeting

Show and Tell:

Structures and Dioramas

Clinics/Presentations:

- Ken Ehlers - "Basic model building tips"
- Lind Wickersham - "Building Detailed Structures"



Upcoming Events in the Region...

Tulsa's 10th
Layout Design and Operations Weekend
March 20th - 22nd

www.ldopsigmeet.tulsanmra.org



Gateway 2020

The 2020 NMRA National Convention will be held
July 12-18 in St. Louis, Missouri

<http://gateway2020.org/>

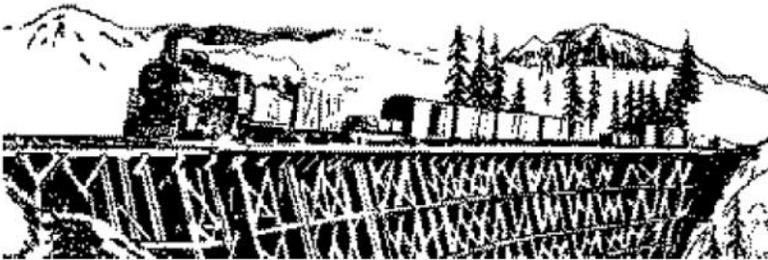
2020 MEETINGS

Meetings are from 9:30 to 12:30

January 18 - Dave Steensland**May 16 - Tom Fausser****September 19 - Open****November 21 - Open****New Hardesty Library**

8316 E. 93rd St.

(Just East of Memorial on 93rd St.)

**INDIAN NATIONS****OFFICERS****Superintendent****VACANT****Assistant Superintendent**

Charlie Tapper

Director

Jim Senese

Paymaster

Raymond Brunner

Achievement Program**VACANT****Larry's Question of the Month:****Who designed the Janney automatic coupler and in what year?**

(If you have a railroad question and answer that you'd like to ask of the group let Larry Munro know about it!)

Local Model Railroad Organizations

Indian Nations Division of the NMRA

Dave Salamon

www.tulsanmra.org

918-607-2793

Oklahoma Narrow Gauge

Randy Smith

www.okng.org

918366-4800

North Eastern Oklahoma N Scalers

Richard Fisher

www.tulsa-neons.com

918-298-4800

Tulsa Garden Railroad Club

Donnie Shirey

www.tulsagardenrailroadclub.org

918-361-1760

Green Country Model Railroad Association

Lynn Dietrich

www.gcmra.org

539-777-4482

Claremore & Southern Railroad

Bill Rose

www.csrailclub.com

918-630-6374



LAYOUT DESIGN AND OPERATIONS WEEKEND TULSA, OK

This coming March 20th through 22nd, the Indian Nations division of NMRA along with the Tulsa Operations Layout Owners will host our 10th **Layout Design and Operations Weekend** in Tulsa, Oklahoma. More than just operating sessions, this event includes a 7.5 hour seminar on Saturday (lunch included) with presentations from several well-known experts and four operating sessions (each registrant will operate 3 of the 4 times).

Presentations so far, one more in the works...

- ⇒ Rich Gibson and Jay Cox - Adventures in Moving a Layout
- ⇒ Kenneth Ehlers - Designing a layout based upon a specific prototype: making the RGS my own
- ⇒ Doug Tagsold - History of the railroads of Toledo, Ohio
- ⇒ Doug Tagsold - 1:72 scale C&S layout

Information is on the website, www.ldopsigmeet.tulsanmra.org and **on-line registration is now open.**

Contact: Steve Gillett boilerrazor@cox.net

Saturday workshop 8:00am – 3:30 pm with five one-hour presentations

Track plan consulting by appointment by LDOP Team members

Bring your track plans, photos, display boards and mockups to share with everyone. Great place to solicit feedback on your layout.

Catered hot lunch (included in \$40 registration fee)

WANTED!

LOOKING FOR

Superintendent

Achievement Program Chairman

The Division is looking for someone to take over as Superintendent and also to run the Achievement Program Chairman.

In the meantime, it was suggested at the last meeting that a member will volunteer to put together everything for a meeting. Dave Steensland is putting together the January meeting, and Tom Fausser will put together the May meeting.

We are still in need of a volunteers to be meeting coordinator put together the September and November meetings. Please consider this. You can decide what you'd like the show and tell theme to be, and line up presentations for the meeting, simple as that.

November Highlights

Using Excel in Layout Design—Steve Gillett

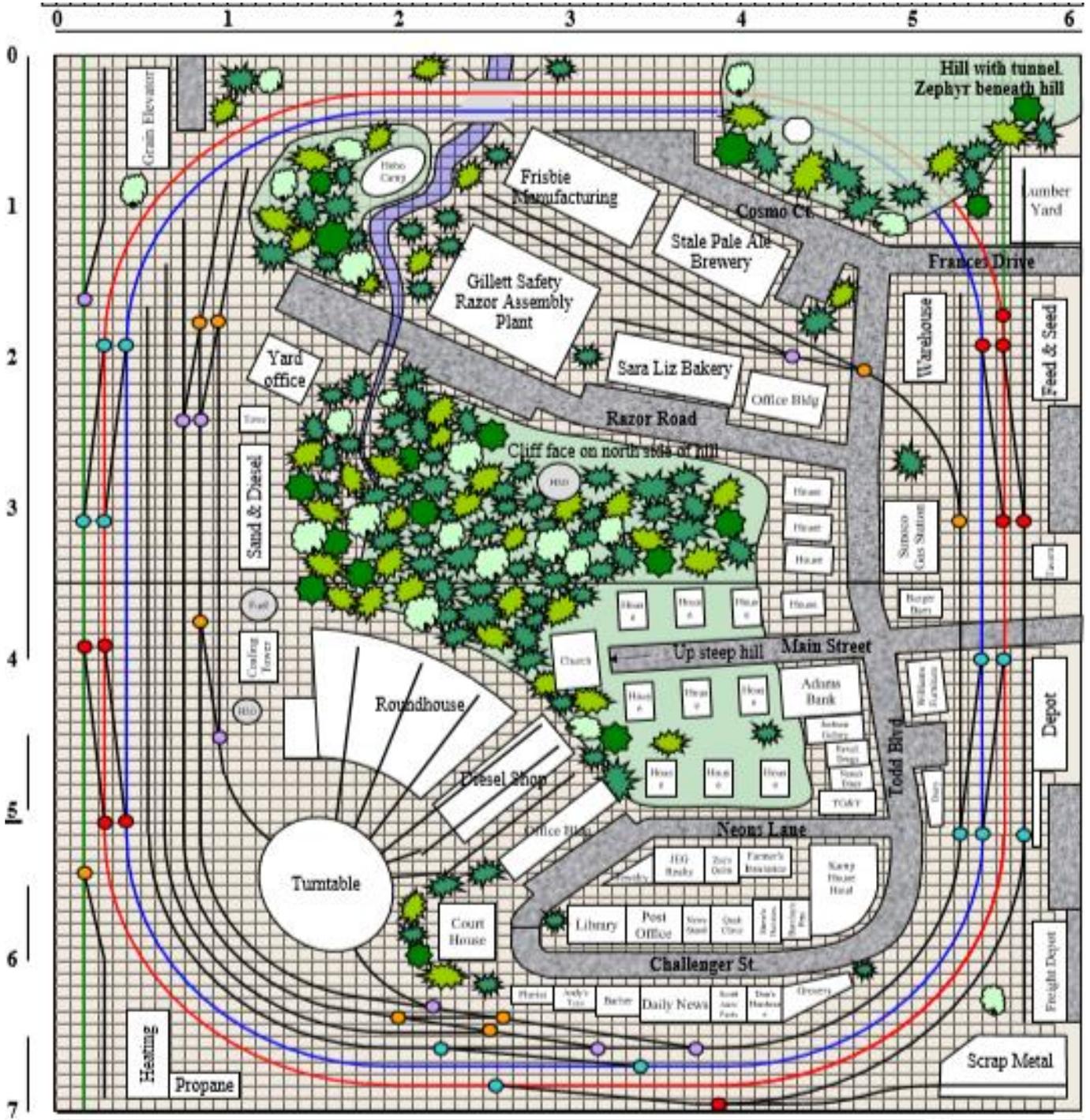
Steve shared with us how he has taken excel and uses it for layout designing. He's used this for years for putting together all the North Eastern Oklahoma N Scale module layout at local shows, the OKC show, and even that the National Convention.

A few of his tips are included below on using Excel's drawing tools:

- ◆ Activate the Drawing ribbon by going to INSERT and clicking on Text Box. The Drawing ribbon has a wide variety of shapes, lines, arcs and free-forms from which to choose.
- ◆ Always COPY pre-drawn objects from the template, leaving the originals in place.
- ◆ Depressing the ALT key during drag and drop snaps object to gridline intersections.
- ◆ Depressing the Shift key during object selection allows multiple objects to be selected.
- ◆ Depressing the Ctrl key during drag and drop causes copy instead of move.
- ◆ Depressing both the Ctrl and Alt keys during the drag and drop process causes the object to be copied and snapped to the grid at its destination.
- ◆ The Group and Ungroup commands on the ribbon combine multiple objects into one object and break them back to individual objects. (Groups can be nested)
- ◆ The Rotate commands on the ribbon allow objects to be rotated in any direction by as small an increment as one degree.
- ◆ Depressing the Shift key with the cursor on one of the object's corner points makes the object shrink or expand proportionally.
- ◆ Depressing the Ctrl key with the cursor on one of the object's corner points makes the object shrink or expand proportionally from the center point of the object.
- ◆ Use Zoom to enlarge an area where detailed work is required.

September Highlights

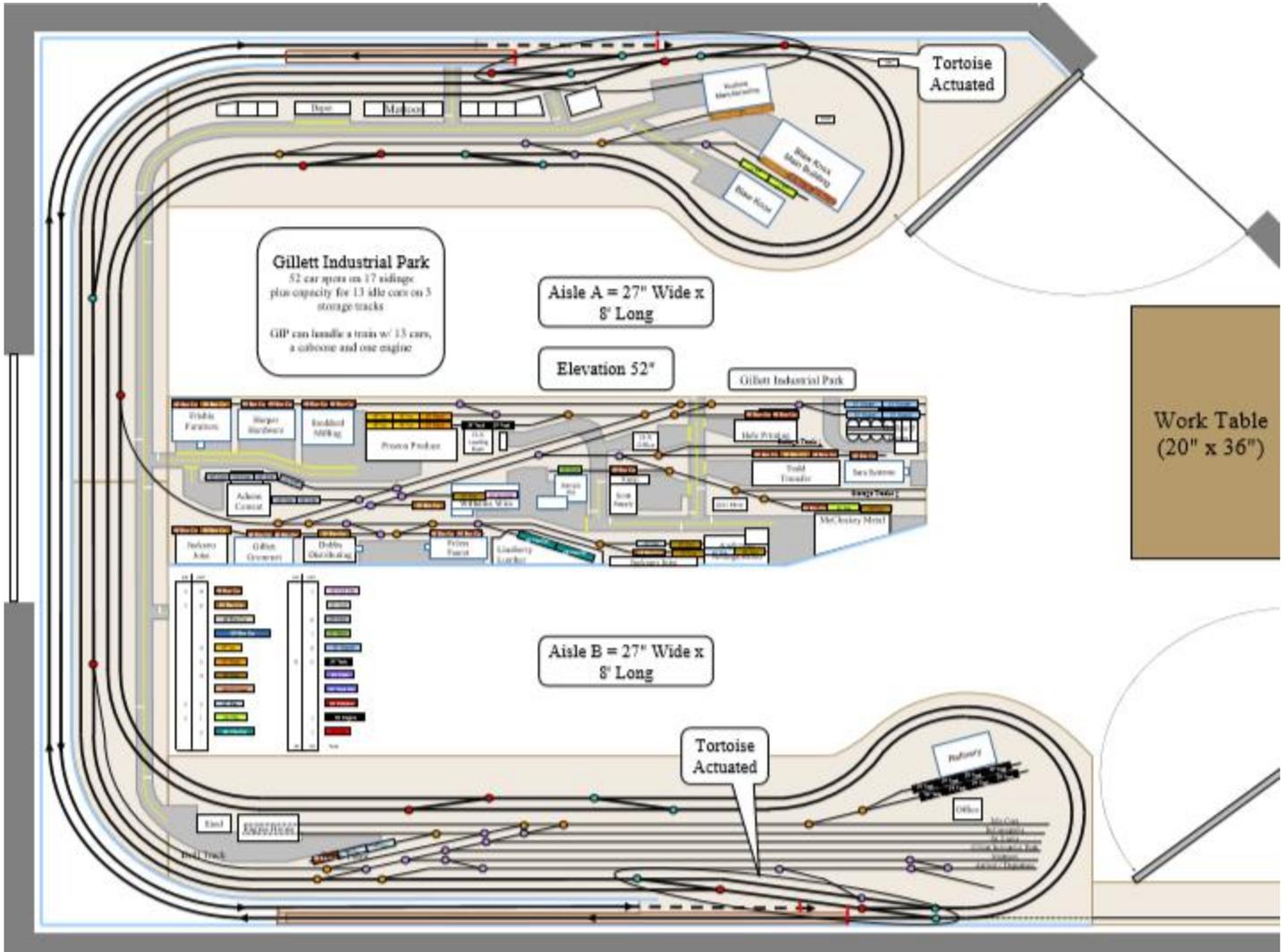
Some examples of what Steve has done using Excel:



.Razorville - Portable operational show layout

September Highlights

Some examples of what Steve has done using Excel:



Steve's home layout the SYD

September Highlights

Some examples of what Steve has done using Excel:

Inventory			Siding	Yard	Seating	Siding Capacity		
Have	Req'd	Need				Loop	GIP	
30	50	0	10	10	10	3	17	40' Box Car
15	15	0	5	5	5	3	6	50' Box Car
								60' Box Car
1	1	0		1			1	40' Gon
5	5	0	2	1	2		3	50' Gon
								60' Mill Gon
3	3	0	1	1	1	2	2	42' Flat
6	6	0	2	2	2	2	1	50' Flat
3	3	0	1	1	1		2	60' Flat Car
								33' Coal
9	9	0	5	2	2		6	36' Car
2	2	0	1	1	0		1	38' Loco
6	6	0	2	2	2		4	55' Hopper
7	7	0	3	2	2		4	40' Ice
3	3	0	1	1	1		2	50' Mech
2	2	0	1	1			1	52' Coil Car
13	13	0	7	3	3		12	39' Tank
1	1	0	1				1	50' Tank Car
								60' Tank Car
6	6	0	2	2	2		2	60' Engine
3	3	0	1	1	1		0	34' Cab
115	115	0	45	36	34	24	56	Total

MOST CARS HAVE A BUILD DATE PRIOR TO 1970

SYD Car Inventory

40' box car 30					50' box car 15		60' box car 0
ATSF 2055	D&RGW 4003	MCP 62019	SOH 73489	MOEX 410	L&N 98440		
B&M 74706	TRC 71035	NEI 36438	SSW 39015	CG 1570	MFC 9507		
BN 190146	GNW 100079	NKP 8505	SOV 30046	CGW 307	NYC 176280		
CSX 28002	IN 5096	NKP 16649	LV 7962	CNW 51772	PHR 47135		
CA&I 3575	DN 27170	PRR 498805	TP&W 644	DA&LW 63780	RI RR 4037		
CH&O 37000	IC 21377	BAL 24863	WIF 712	GTW 591450	TP&S 3315		
DE&W 32831	KCC 71011	SOO 43398		COB 95440	YS 610		
DL 2941	MDLW 30371	SP 66627		LV 4001			

40' gondola 1	50' gondola 6	55' coal gon 0	60' mill gon 0	42' flat 3	50' flat 6	60' bulkhead flat 3
CH&O 6142	ATSF 71014			CNW 41704	DN 602692	SP508174
	GTW 146921			SP 42637	C&O 80402	SP508427
	ATW 145499			SP 55307	ERH 7200	WP 1403
	SOO 33766				IC 61074	
	RI 1199				NW 202544	
					SP 37124	

55' coal hopper - 3	36' cement hopper 9	55' grain hopper - 2	55' grain hopper - 6	40' ice reefer 7	50' mech reefer 3
MPSX 1013	C&NW 69059	SWPX 102	GACX 43158	CSXT 254238	URTC 23099
MPSX 1052	CRR 60024	SWPX 103	SBD 224862	D&RGW 15525	URTC 24013
MPSX 1079	IN 79842			SCE 260022	SFRD 25956
	IC 9506			ACFX 56315	SFRD 26206
	IC 79304			SOO 73465	SFRD 26243
	IC 79310			SOO 75250	SFRD 26355
	L&N 37892				SBLX 12933

52' coil 2	39' tank 13		50' tank 1	64' tank 0	34' caboose 6
SOO 4094	CGW 264	SHPX 2022	GATX 87261		ATSF 1089
KCS 720016	CGW 266	SHPX 2043			ATSF 1096
	CONX 8347	SCCX 1265			ATSF 1912
	GATX 22691	SOVX 78906			ATSF 1951
	OKLA 1992	TCX 9500			ATSF 99036
	PSPX 9217	UTLX 76942			ATSF 99038
		SOVX 718			

Excel page used for Car Inventory

From the Archives.....

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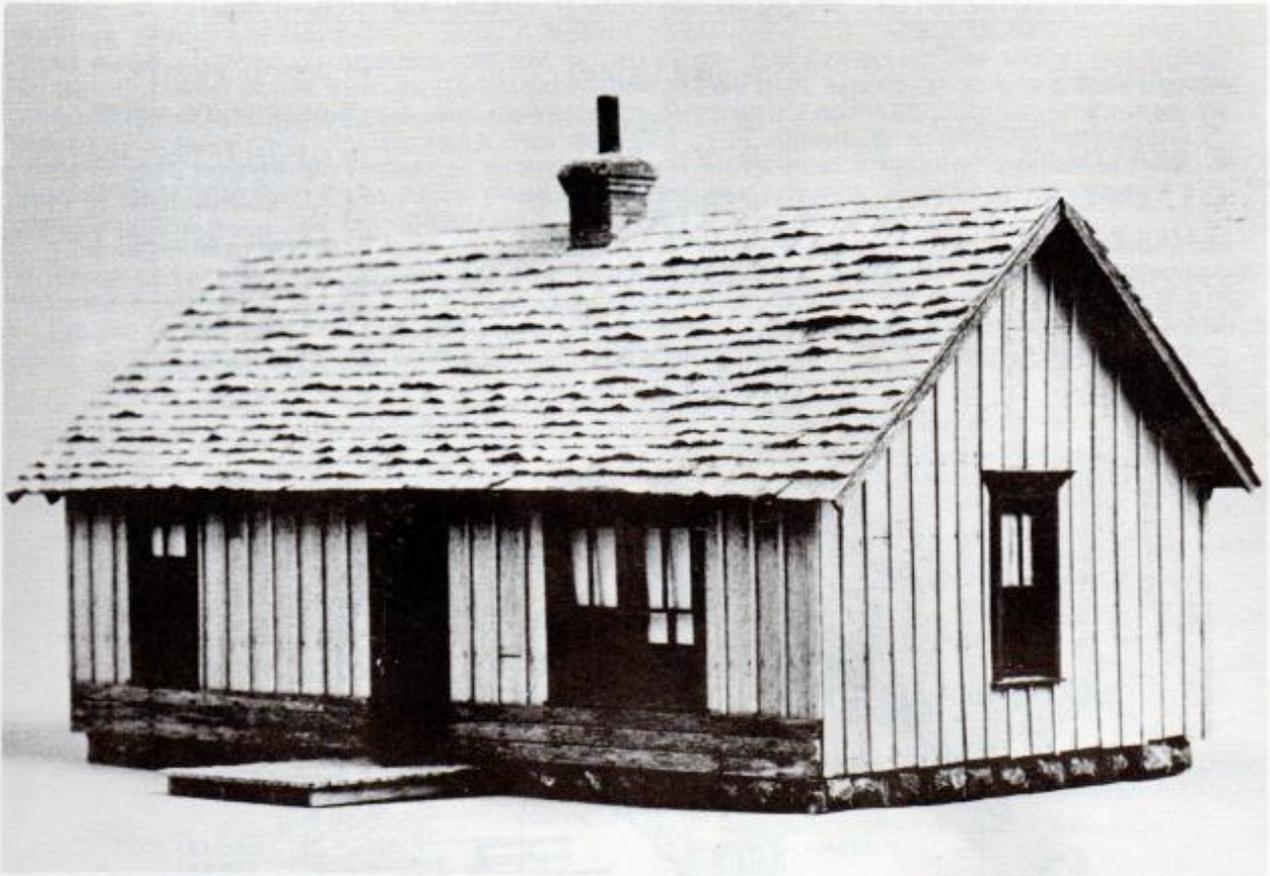
CABOOSE KBITZER

SOME THOUGHTS ON STRUCTURE BUILDING

by Ken Ehlers and Lind Wickersham

You are probably looking forward to seeing all the beautiful models at this year's NMRA National Convention in Kansas City. Many of these models have been scratchbuilt with hours of work and sweat. Now don't let the word "scratch-

building" discourage you. Here are some of our favorite models with some tips on how they were built. Many of these ideas can be used for kit construction, or maybe, your first scatchbuilding project.



Section House

Scratchbuilding doesn't have to be difficult or involved. One example is the Section House which was built up with individual scale lumber over a styrene shell. Notice the nail head detail. This was added using a sharpened .010 steel wire which was depressed into the individual boards. Cutting your boards to prototype length is another simple detail which adds interest where the boards butt together.

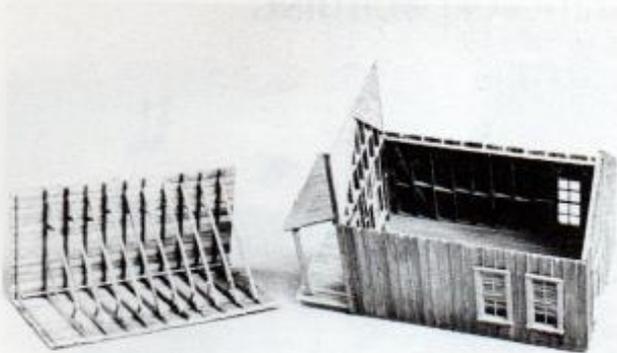
A slightly more involved model is the Assay Office. It has complete interior framing and notched roof rafters as per prototype practice. The General Store was first completely framed. Scale 1x12's and 1x6's were then applied over the frame. Kodak Kodalith film was used for the window glazing since this film is very thin, won't glare under strong light, and won't fog when used with ACC cement.

Originally Published in the Caboose Kibitzer

From the Archives.....

JULY, 1984

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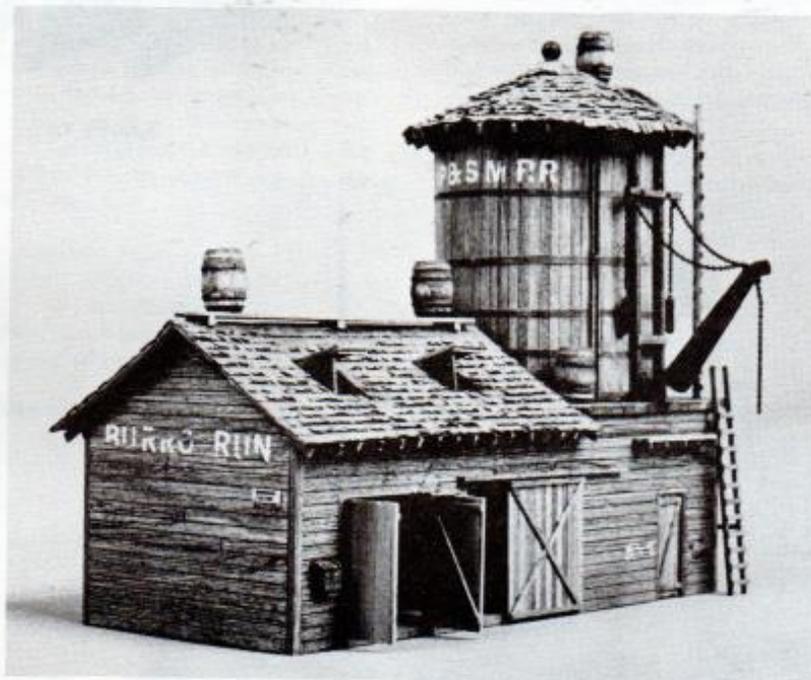
Assay Office



General Store

The basic construction of the Placerville Station is scribed sheetwood. This material can be greatly improved by distressing the individual boards prior to adding paint. The Campbell shingles were matched to Rio Grande Southern's color by using Floquil driftwood and cherry stains and weathering with alcohol and shoe dye.

Burro Run water tank is an example of combining distressed sheetwood for the base and individual boards for the tank. Decals can be aged by lightly sanding after they have thoroughly dried. Little details, such as roof rafters, nut and bolt castings, and door handles and hinges, add a lot to make a simple model look well done.



Burro Run Tank

Please turn to next page...

From the Archives.....

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CABOOSE KIBITZER

SOME THOUGHTS ON STRUCTURE BUILDING

Baker's Tank uses individual board construction with styrene tank bands. Remember to prestain all wood before assembly, since glue will seal the wood grain, resulting in uneven coloration. Ammonia and India Ink were used to give a very good simulation of creosote. The tank shell was stained with Floquil tuscan, immediately washed with heavy Diosol, and then scraped with a razor knife.

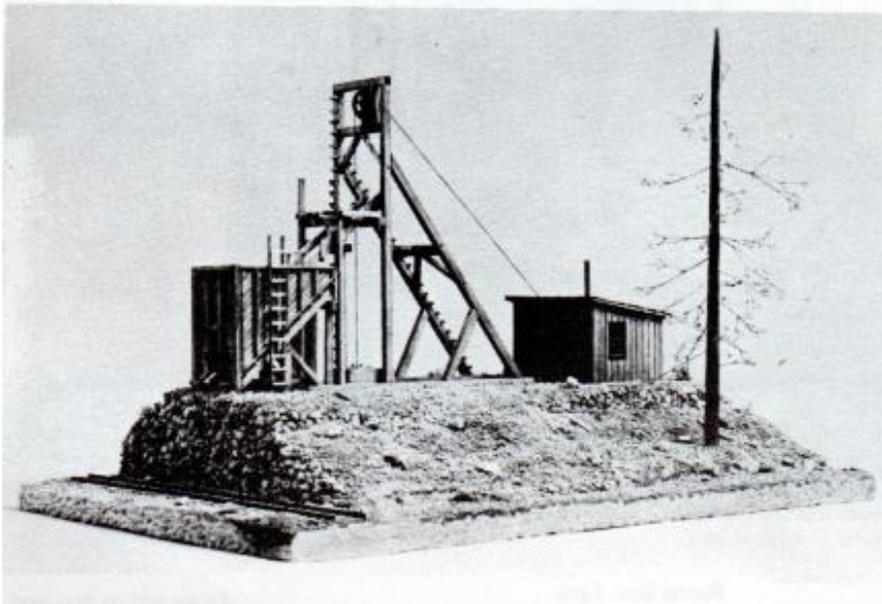
The Pride of Cement gold mine makes use of leather dyes, dry chalk weathering, and individual board construction. Even though this structure is small, the attention to details, such as nut/bolt castings, tension rods, and shaft liner with ladder, adds interest to a fairly simple structure. Paying careful attention to prototype construction will help your model have the proper feel and character.

The L'Pete Ten Stamp Mill was a much bigger project. The mill has a complete interior of machinery. All framing was built over cardstock templates and then scale 1x12's and 1x2's were added. Operating doors were achieved by using Model Masterpiece's hinges drilled to fit on brass pins.

One way to attach Campbell's corrugated metal is to use a liberal amount of contact cement on both mating surfaces; don't use a latex type of cement. Any excess glue can be cleaned off with Diosol. To finish, first brush paint with Floquil gray (any shade). Let this dry for five minutes then remove excess paint with an old toothbrush. Now weather with a shoe dye and alcohol mix; the amount of dye will determine the final coloring. Let dry and weather with chalks.



Baker's Tank



Pride of Cement Mine

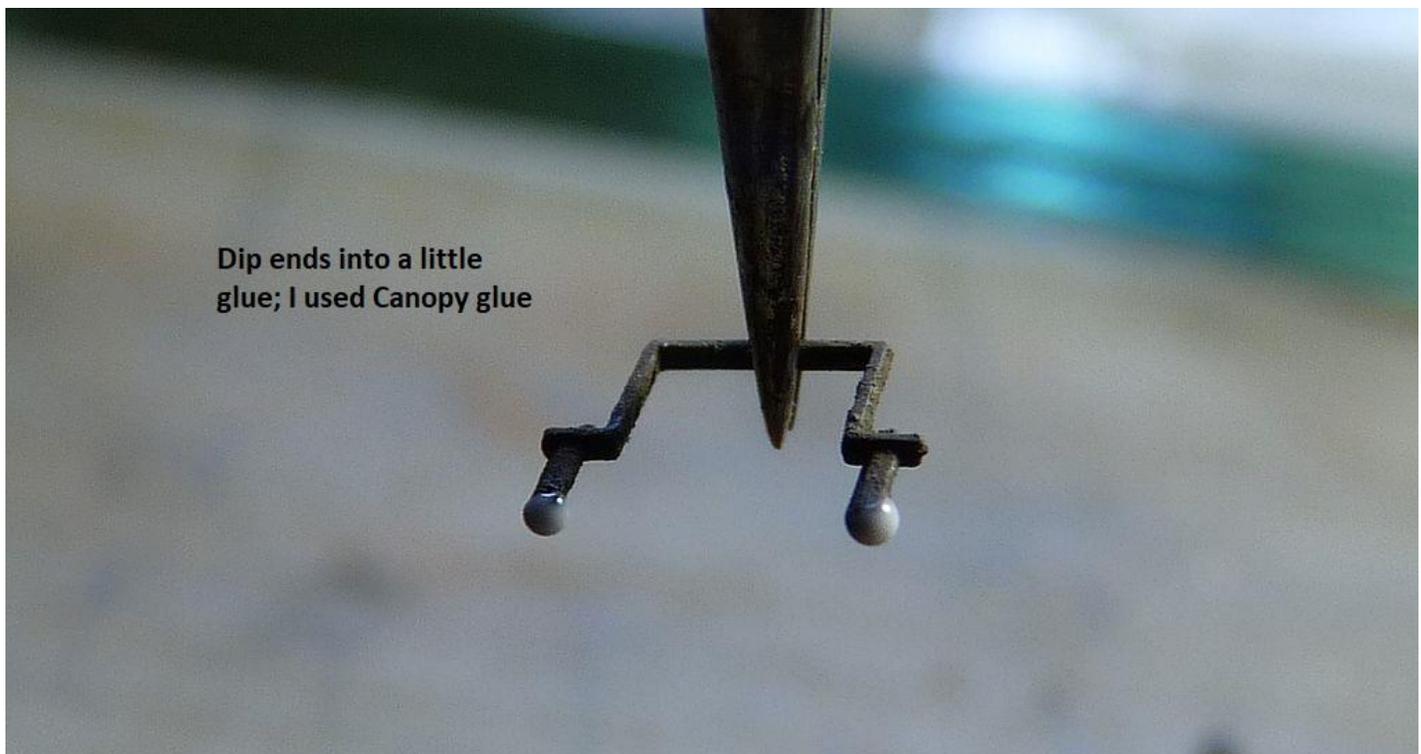
—Photos by Lind Wickersham

Tony's Tips and Techniques

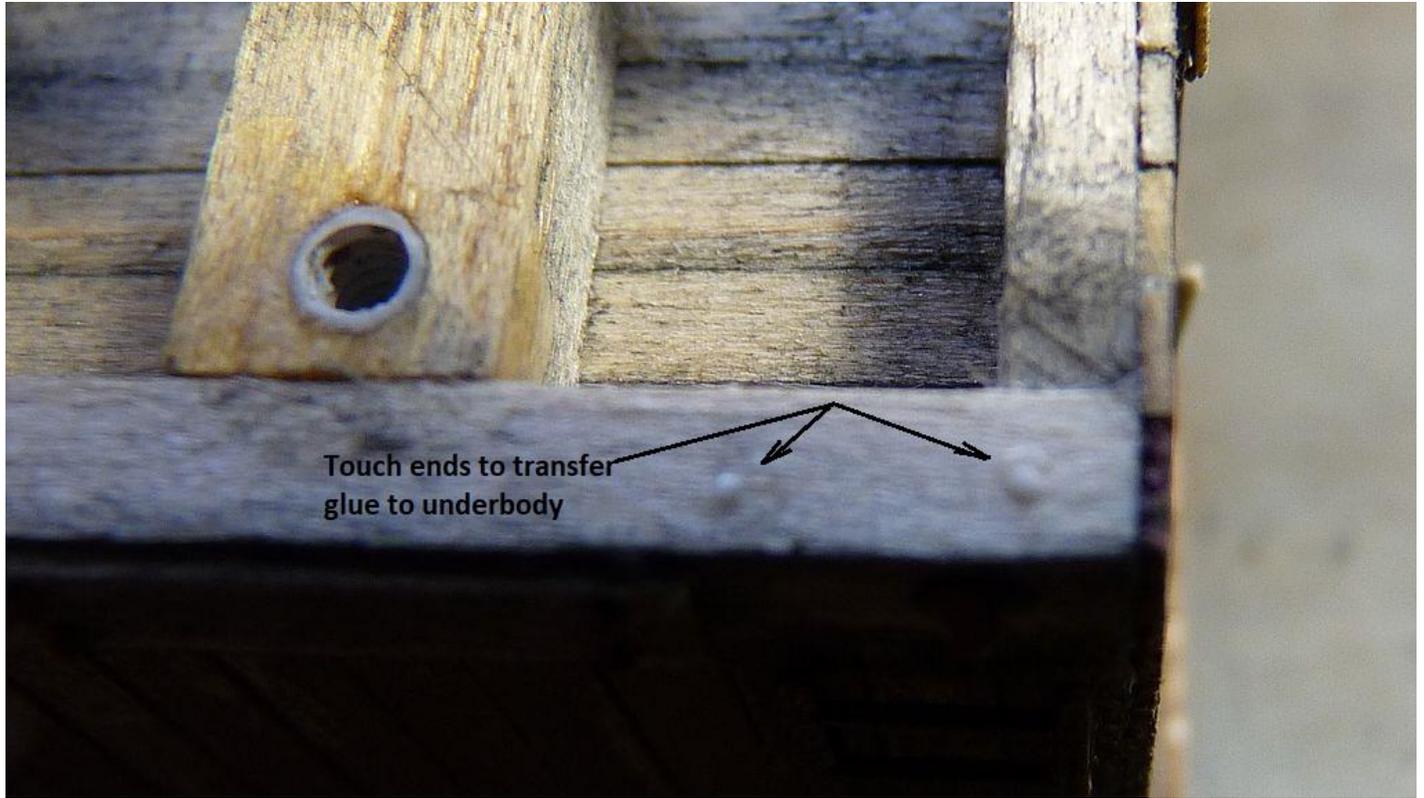
By Tony Burgess

I discovered a trick to space holes on grab irons or stirrups.

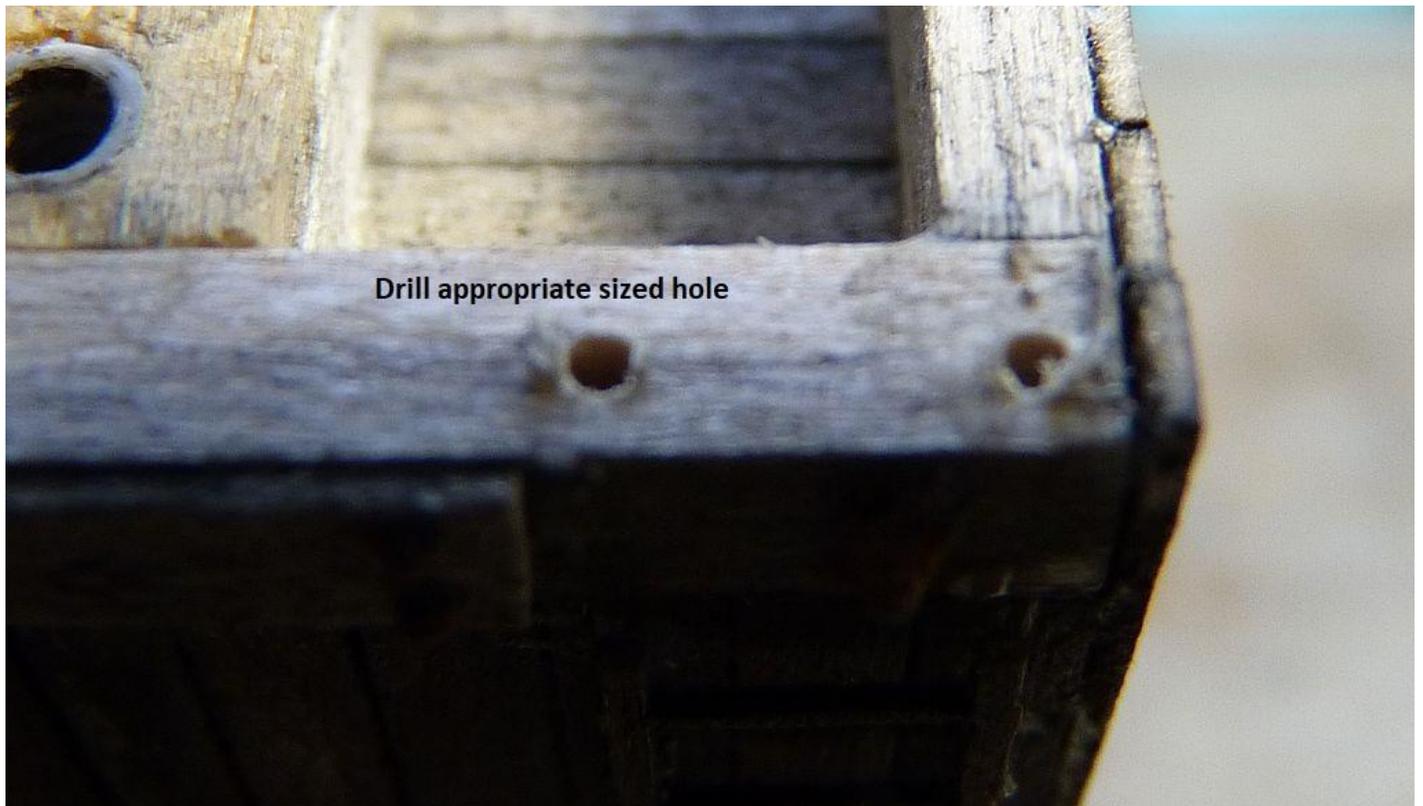
The photo's describe the details, but I thought you all might be able to use this. I used glue, but I imagine you could also use a dark paint, except that might show if you did it on the side of the car.



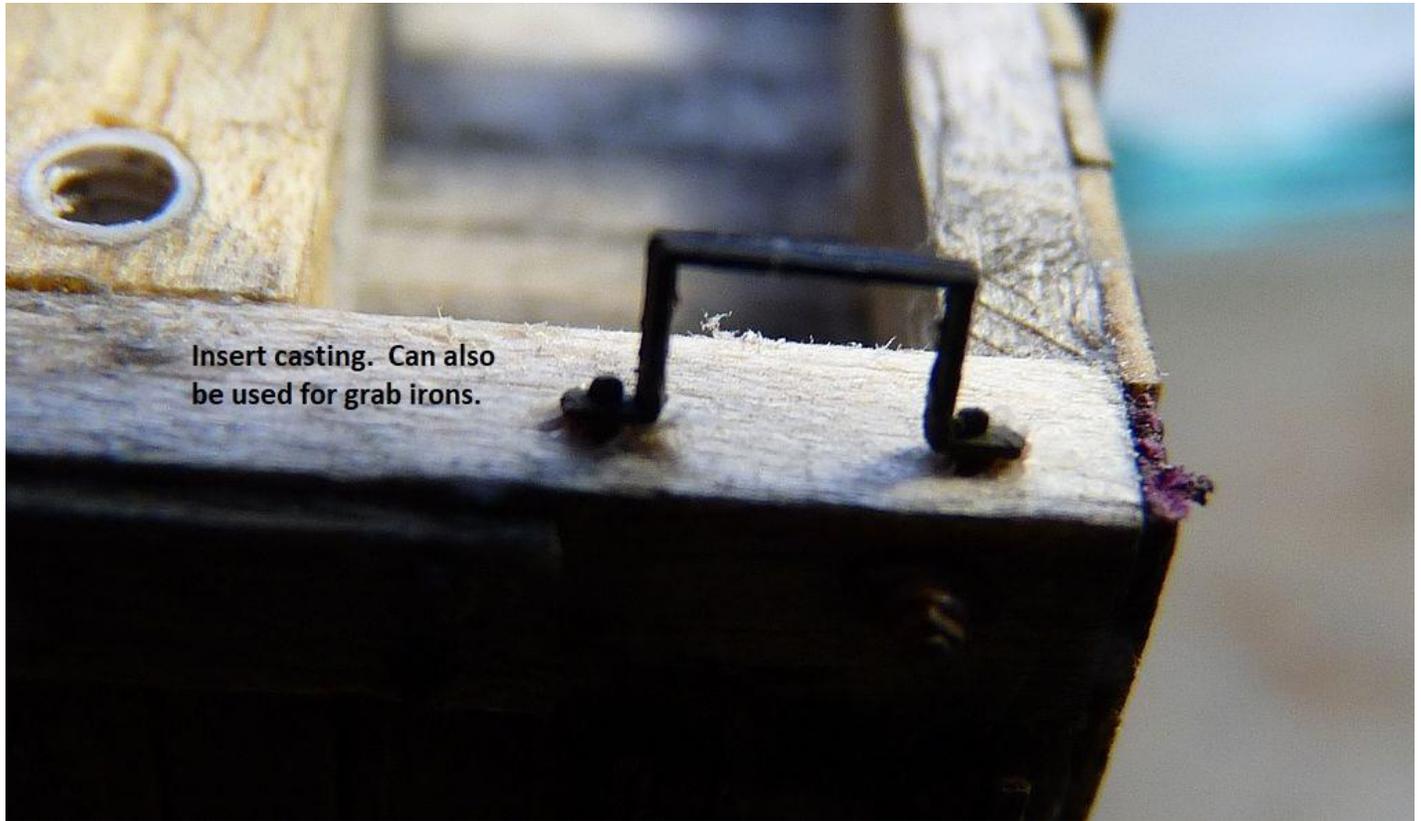
Tony's Tips and Techniques



Tony's Tips and Techniques



Tony's Tips and Techniques





Dave Salamon - N Scale

Show and Tell





UP BigBoy 4014 - Oologah, OK

Photo was taken by Dave Salamon

Indian Nations Division
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17924 E. 92nd Street North
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