

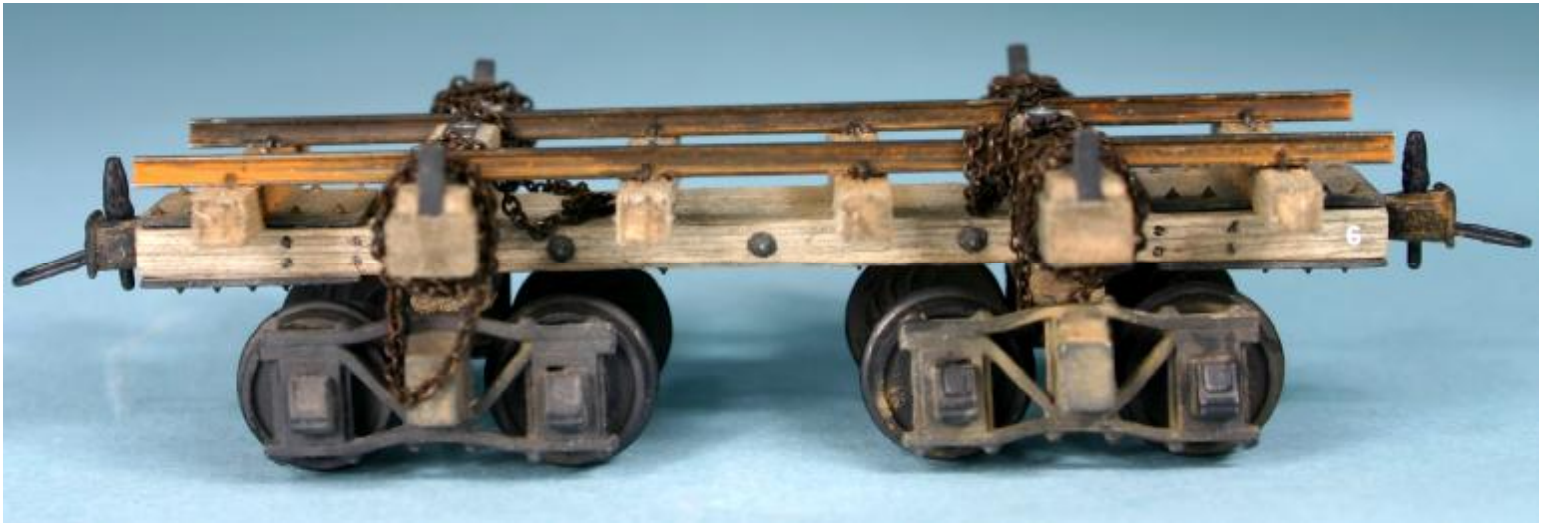
Rochester Model Rails

Dedicated to Quality Model Railroading

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ROCHESTER, NY

NOV. / DEC. 2011



Log Car # 6 scratch built by Richard Senges, Victor, NY. This log car was modeled after the Grasse River Log Car of the Adirondacks area of upstate New York. The car has 186 total parts, 140 commercial parts and 46 custom fabricated parts. It will complement Richard's twenty-five square foot 1:87 scale sawmill and logging complex.

Model Railroad Post Office - Uruguay *by Florence Wright*

NMRA LSD Fall Meet – Shortsville, NY – Lehigh Valley Day

**Building a 1:87 Scale Sawmill - Part 29 –
Log Car # 6** *by Richard Senges*

Lakeshores Division, NFR, NMRA

Fall Meet – October 22, 2011

A great time was had by all at the Shortsville, NY Meet of the NMRA Lakeshores Division. The group met at the Lehigh Valley Museum. Thanks guys for opening the Museum to the LSD. About 37 folks attended the Meet – a very nice turnout.

Guy Wicksall gave interesting slide show on the paint color scheme used by the Lehigh Valley Railroad over the years. It was very interesting to hear that the LV “red” varied somewhat because of the “extra paint” that the LV RR workers had on hand that day. Thanks Guy.

Ron Stacy gave a detailed talk on how he models coal loads titled “*Making Your Own Coal Loads*”. Ron explained in detail how to do this and also had many examples in various scales demonstrating the final result. Thanks Ron for a very informative presentation.

Ned Spiller, MMR, gave a *Power Point* presentation on “operations on a Small Layout” showing various operations systems and procedures. Ned hosts an operations group on Wednesday’s at his layout in Hammondsport, NY. Thanks Ned for a great presentation.

Many of those attending won door prizes consisting of RR items including some LV paper. A very nice craftsman structure kit was also auctioned.

The Model Contest was super with a lot of entries. Five photos and about 20 models of locomotives and railcars were entered. *Winners – see below.*

First Place	Dave Mitchell – HO scale Rayonier 2-6-6-0 loco
Second Place	Jim Dierks – O scale red and green passenger cars
Third Place	Mike Pyszczek – Lehigh Valley # 317 Diesel loco
Third Place	Gordon Spalty – a small green diesel “critter”

Thanks to Guil Mack of Phelps, NY, who opened his HO scale model RR – the *Tiger Valley Railroad*. All were impressed with the immense size and operations of this RR.

And thanks to Ray Howard who had his HO scale *Seneca Lake, Ontario, & Western RR* (SLOW) open for the LSD tour. Ray's attention to detail and excellent structures were appreciated by all – thanks Ray.

Awards

Two awards were presented to Richard Senges of Victor, NY, for completing the NMRA Achievement Program in the areas of *Model Railroad Engineer – Electrical* and also as *Association Volunteer*. Dick has completed five APs and is currently working on *Master Builder - Cars* and *Model Railroad Engineer – Civil*.

Richard has been giving model railroad clinics on the local, regional and national level starting in the early 1980s. His *Oil Creek Railroad* models the beginning of oil exploration in 1866 in western Pennsylvania and has been on NMRA tours many times. The layout will be on a National Tour in July of 2012, part of the Lionel Operating Train Society National Convention in Rochester, NY.

He is also the editor and publisher of the *Rochester Model Rails* e-magazine which is in its 76th issue. This magazine can be seen on: www.OilCreekRailroad.com

Harold Russell, MMR,
presented the awards.



Model Contest Winners

1st Place – Dave Mitchell



2nd Place

Jim Dierks



3rd Place Winners

Mike Pyszczek and Gordon Spalty

Model Railroad Post Office

Number 26 in the Series

From the files of Norman E. Wright



Uruguay Scott #1668, a 5 pesos stamp depicting a toy wood steam train, was issued on June 8, 1997 to commemorate the 70th anniversary of the Inter-American Institute of Children. E. Salgado designed the stamp, and Imprimex of South America was the security printer. The lithographed and unwatermarked adhesive item is valued at \$2 in the current catalogues.

Building a Large 1:87 Scale Sawmill

Part 29 – Log Car # 6

by Richard Senges

In Part 28 of the Sawmill Series we discussed the construction of Log Car # 6. This issue we will look at the Log Car's Parts List (below), the Custom Written Instructions and images of the parts that went into the construction of this scratch built log car.

<u>Commercial Parts</u>	<u>Fabricated Parts</u>
Trucks (10 parts)	Center Beams Long – wood (2)
Drawbar (2)	Center Beams – short – wood (2)
Chain (2)	Main Bunks – wood (2)
Rails (2)	Center Bunks – wood (2)
NBW detail (102)	End Bunk – wood (2)
Eye Rings (4)	Bunk Plates – long – wood (2)
Spikes (16)	Bunk Plates – short – wood (2)
Screws (2)	Steel Straps – long – styrene (2)
Total (140)	Steel Straps – short – styrene (4)
	End Plates - small – styrene (2)
	End Plates – large – styrene (2)
	Cheese Blocks – styrene (4)
	Bolster Plates – wood (2)
	Drawbar Support Plates (2)
	Saw – steel and brass (1)
	Peeve – brass (1)
	Links – wire (2)
	Pins – brass (2)
	Total (46)

Log Car # 6 - Instructions

A. Beams

1. Assemble center beams and support beams – glue together using *Tite Bond II*. Make sure there is equal distance at each end of the center beam.
2. Mark the location of all bunks.
3. Add the six large NBW detail to the center beams. (# 75 bit)
4. Add the eight small NBW detail to the sides of the center beam.
5. Pre-paint all white styrene with black *Floquil Grimy Black* paint before installing on log car.
6. Add all NBW detail to plates before installation. Mark location of the NBW. Drill holes in the plate with # 78 bit. White glue the NMW in each hole. Trim off NBW on black of plate.
7. Add the 17” end plates.
8. Add the 20” end plates making sure there is exactly a 10” space (use the actual secondary bunk to make this measurement) between the end plates for the end bunk to rest on the center beam.
9. Before adding the final bottom plates install the drawbar support plates and the drawbar.
10. Install the bottom end plates.

B. Main Bunks (over the trucks)

1. **Important:** Make sure there is a 2” x 40” cut out on bottom of the main bunk so that it rests squarely on the center beams and even side to side. Check to make sure when the rail is placed on this bunk, the rail rests firmly on the main bunk and on each of the secondary bunks. Dry fit before gluing. Custom fit if necessary.
2. Cut out section of the wood bunk plate to accommodate the cheese blocks.
3. Add the wood bunk plates to the main bunks. Use the actual code 70 rail for proper spacing between the wood bunk plates.
4. Add the steel plate to the top of the wood bunk plates.

5. Add the top NBW detail.
6. Add the 4 cheese blocks.
7. Add the 4 rings.

C. Secondary Bunks

1. Add 2 NBW to the top of each of the two end bunks.
2. Add 4 NBW detail to the top of each of the two secondary center bunks.

D. Final Assembly

1. Add all the bottom N B W detail to the main bunks, the secondary bunks and the center beams.
2. Make and install the link and pins.
3. Glue the main bunks to the center beams making sue they are positioned correctly. At the same time temporally add the rail in the slots of the two bunks. Make sure all is square and level.
4. Add the secondary bunks
5. Slide in the rail and glue.
6. Install chains.
7. Install bolster plates on bottom of center beams under the main bunks. Make sure wheel clearance is adequate.
8. Assemble trucks and paint. Install trucks with screws. Paint screws.
9. Install saw and peeve.
10. Weather.

Wood Main Bunks, Center Bunks and End Bunks

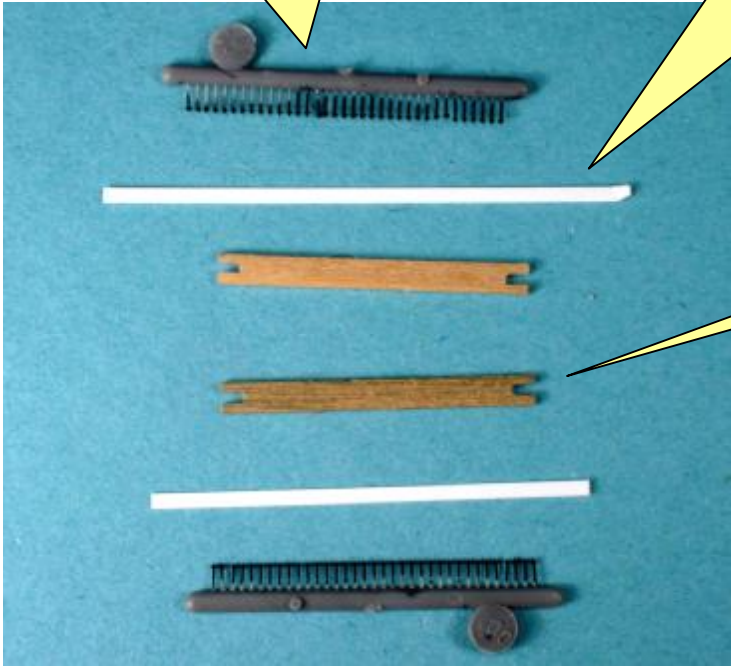
Small Wood Bunk (4)
scratch built

Main Wood Bunk (2)
scratch built



Nut Bolt Washer –
2.5" detail (96 total)
Grandt Line

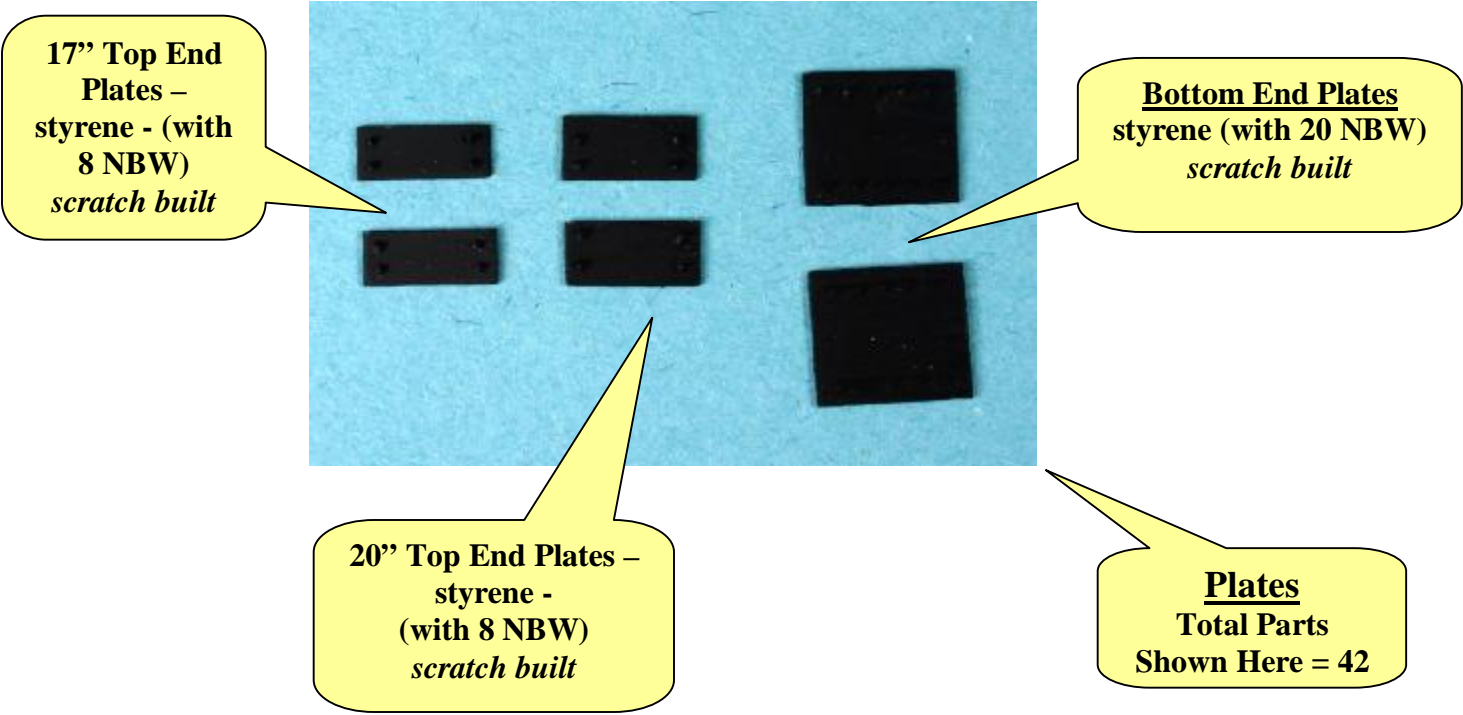
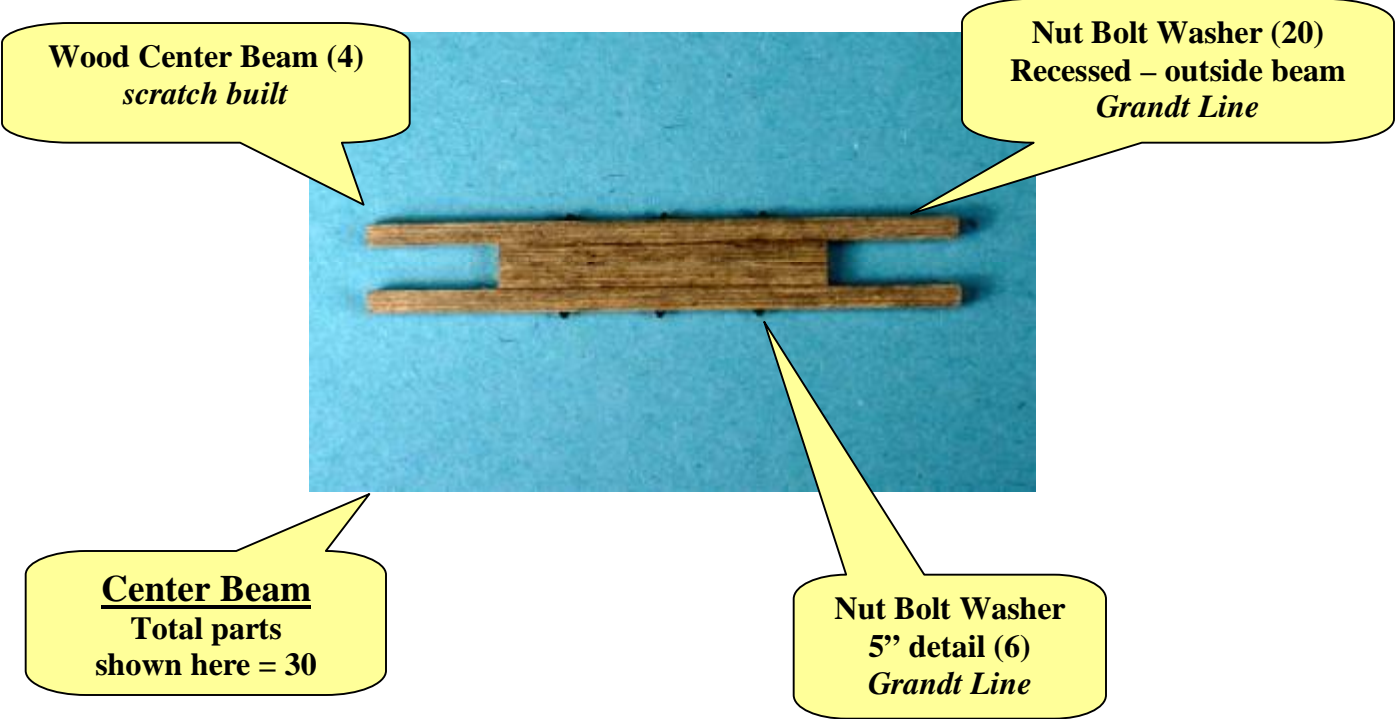
Long and Short Steel Strap (6)
To be made from Styrene
Evergreen



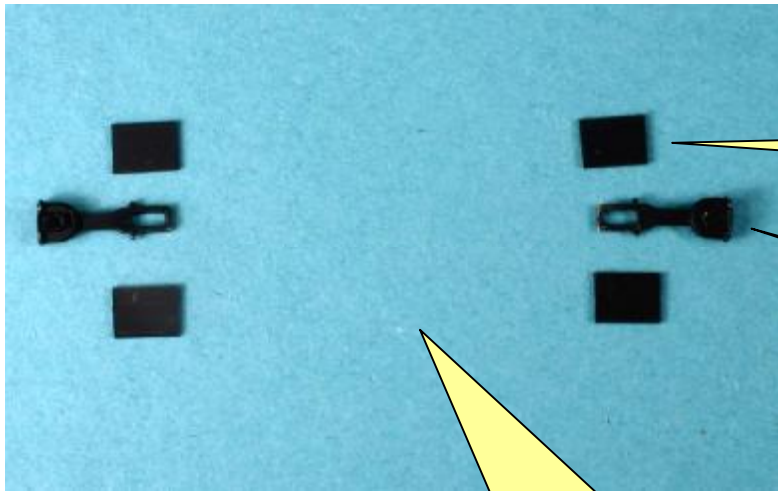
Wood Bunk Plate (6)
scratch built

Bunks
Final Total
Bunk Parts = 60

Center Beam and Center Beam Plates



Drawbar, Trucks and Wheels



Support Plate (4)
scratch built

Drawbar (2)
Colonial

Drawbar
Total Parts Shown Here (6)

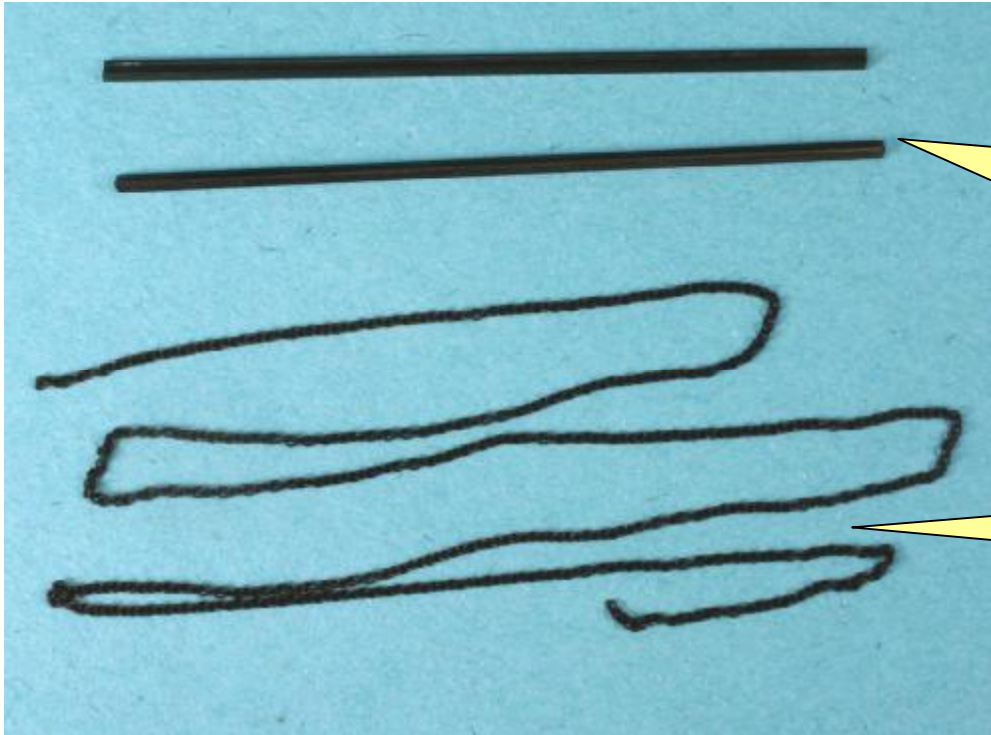


Truck & Wheels (10)
Keystone Locomotive Works

Screws
commercial

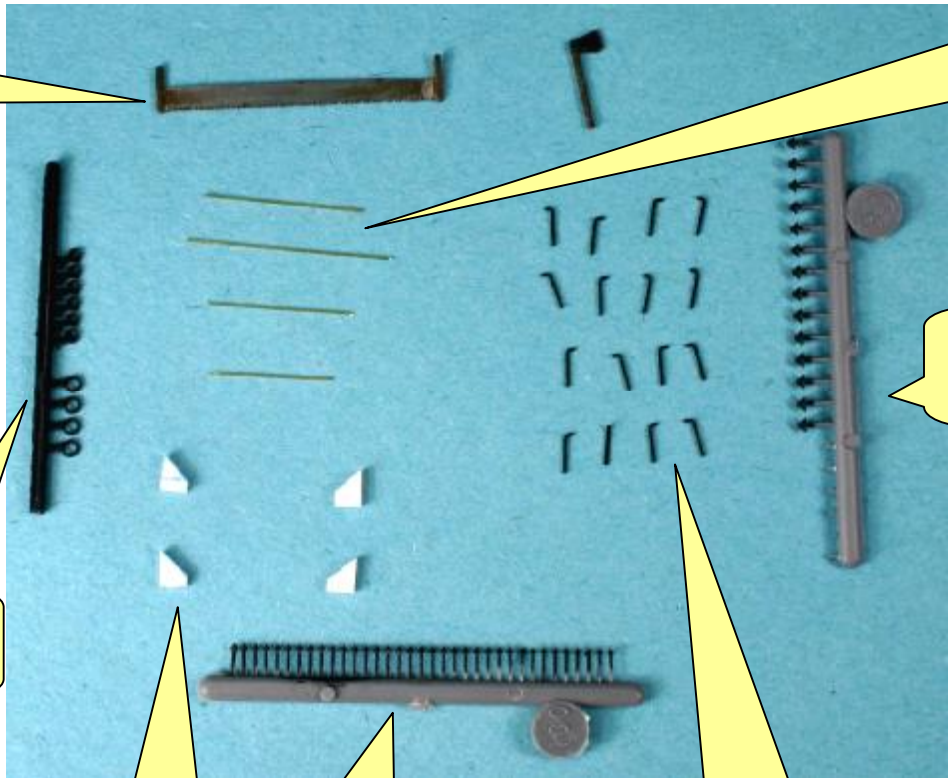
Truck
Total Parts = 12

Rail, Chain and Misc. Parts



Rail
Micro Engineering Weathered Code 70

Chain
Builders in Scale



Tools (2)
scratch built

Link and Pin
 – To be made from Brass Wire
scratch built

5" NBW (6)
Grandt Line

Rings
commercial

Cheese Blocks
 Styrene
scratch built

2.5" NBW (96 in total)
Grandt Line

Spikes (16)
Micro Engineering "Micro"

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NEXT ISSUE

**Building a Large
Sawmill/Pond Complex –
Part 30 - #6 Log Car**

R & E RR, Fishers, NY

**Guest Engineer Program,
Cooperstown, NY**

Rochester Model Rails

E MAGAZINE

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