



RP1 Big Deal Pawn



RP2 River Pass Volunteer Fire Dept.



RP3 Margaret's Market/ Boot Repair



RP4 Dyden #3



RP5 Main Street Apts.



RP6 River Pass Apts.



RP7 Dyden #2



RP8 Floyd's Barbershop/ Binder Book Shop



RP9 Rosie's/Antiques



RP10 Don's Hardware



# WOODLAND SCENICS® S1487 RIVER PASS BUILDING KITS GENERAL INSTRUCTIONS

With 15 separate HO scale buildings and more than 200 detailed accessories, River Pass Building Kits are a great way to add structures and detail to your model railroad layout. These easy-to-assemble buildings were created for the 4x8-foot HO scale River Pass; however, they can be used on any HO scale layout. River Pass consists of three separate kits: the River Pass Layout Kit #1 (ST1484), River Pass Scenery Kit #2 (S1488) and the River Pass Building Kits #3 (S1487).

## BUILDING LIST

RP1..... Big Deal Pawn	RP6..... River Pass Apts.	RP11..... Patriot Appliance
RP2..... River Pass Volunteer Fire Dept.	RP7..... Dyden #2	RP12..... River's Hotel
RP3..... Margaret's Market/ Boot Repair	RP8..... Floyd's Barber/Binder Book Shop	RP13..... Dyden #1
RP4..... Dyden #3	RP9..... Rosie's/Antiques	RP14..... Merl's Dry Goods
RP5..... Main Street Apts.	RP10..... Don's Hardware	RP15..... Dad's Museum

## DETAILS LIST

Part No.	Name	Qty.	Part No.	Name	Qty.	Part No.	Name	Qty.
<b>TRAILER</b>	1 Bed	1	<b>BILLBOARD</b>	30 Billboard	1	<b>LIGHTS</b>	68 Yard Light on Post	1
	2 Side boards	2		31 Catwalk	1		69 Flood Lights	6
	3 End Board	1		32 Light Bar	2		70 Flood Lights/Bracket	2
	4 Axle	1		33 Outer Brace	2		71 Pole for Utility Light	1
	5 Wheels	2		34 Inner Brace	1		72 Utility Light	1
<b>CRATES &amp; BARRELS</b>	6 55 Gallon Drum	9	<b>ROOF ACCESSORIES</b>	35 Med. Roof Vents	9		73 Street Lights	6
	7 3 Barrel Grouping	1		36 Lg. Roof Vent	1		74 Ladders	4
	8 10 Crates/1 Barrel Group	1		37 Ex. Lg. Roof Vent	1		75 Lamp Posts	2
	9 4 Crates/1 Barrel Group	1		38 Roof Hatches	8	<b>DETAILS</b>	76 Mail Sack	1
	10 Crates of Fruit Group	2		39 Double Chimney	1		77 Cinder Blocks	18
	11 Basket of Fruit	1		40 Septic Vents	9		78 Electric Meter Box	1
	12 Whisky Barrels W/Flowers	2		41 Chimney W/Vent	1		79 Double Electric Meter	1
	13 Empty Crates	2	<b>AUTOMOTIVE PARTS</b>	42 Truck Tires	4		80 Pipes	4
	14 Sm. Crates	2		43 Car Tires	6		81 Pipe Valve Handle	2
	15 Med. Crates	2		44 Wheels (12 spoke)	3		82 Wooden Kegs	3
	16 Lg. Crate	1		45 Wheels (6 spoke)	3		83 Aluminum Kegs	3
<b>ANIMALS</b>	17 Doghouse	1		46 Tractor Wheels	2		84 Mail Drop Box	1
	18 Dogs	3		47 Rear End Axle	1		85 Small Louver	1
	19 Cat	1		48 Radiator W/Lights	1		86 Benches	4
<b>LAUNDRY</b>	20 Pants	2		49 Muffler & Tail Pipe	1		87 Bench W/Books	1
	21 Shirts	2		50 Car Ramps	2		88 Lawn Mower	2
	22 Briefs	1	<b>SIGNS</b>	51 Sidewalk Sign	1		89 Down Spouts	4
<b>AWNINGS</b>	23 Large Awning	1		52 Dad's Sign Topper	1		90 Flour Sack Pile	1
	24 Small Awning	1		53 Sign Boards	7		91 Skids	12
<b>FENCING</b>	25 Picket Fence W/Post	2		54 Road Signs	2		92 Pop Machine	1
	26 Picket Fence Without Post	2		55 Sandwich Board	1		93 Man Sleeping	1
	27 Picket Fence Gate	1		56 Barber Post	1		94 Man Sitting	1
	28 Wooden Fence Sm.	3	<b>TRASH/JUNK</b>	57 Dumpster	1		95 Hand Cart	1
	29 Wooden Fence Lg.	1		58 Trash Cans	4		96 Hand Cart W/2 Crates	1
				59 Trash Can/Barrel	1		97 Water Can	1
				60 Trash Can/Crate	1		98 Washing Machine	1
				61 Trash Can Spilled	1		99 Shovels	2
				62 Trash Can W/Lid off	1		100 Tool Grouping	1
				63 Oil Drum W/Pump	1		101 Spooled Cable	3
				64 Drum W/Trash	1		102 Propane Cylinder	1
				65 Smashed Drum	1	<b>FISHING DOCK</b>	103 Dock Floor	1
				66 Misc. Junk	12		104 Sm. Dock Supports	2
				67 Skids W/Junk	3		105 Lg. Dock Supports	2

**ADDITIONAL ITEMS INCLUDED WITH KIT** Black paper - 12 (7 3/4" X 4 1/2") • Wire for Flagpole - 1 (3") • Fence Material - 3 • Fence Posts - 8 • Dry Transfer Decal sheet - 1 • Billboard signs - 6 • Signs & Flags - 30 • Window Canopies - 12 • Awnings - 2 • Plaster Dock - 1 • Plaster Steps - 1

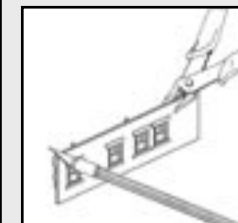
\*Hydrocal is a product of US Gypsum

## PLACEMENT INSTRUCTIONS

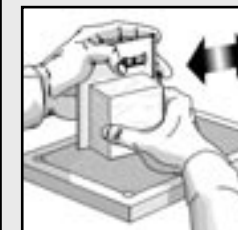
We have included a "footprint" on the back page showing the placement of the buildings used on River Pass. Since the buildings are packaged and assembled individually, you can use any arrangement you wish. Each building includes its own set of instructions. The following is a list of General Instructions for preparing, gluing and painting the individual parts and castings.

The various white metal castings and details can be placed on the layout anywhere you wish. For instance, the barrels, crates and skids can sit next to the factory or behind the buildings. Street lights and light poles should be placed in front of buildings next to a street.

## PREPARATION OF PLASTIC PARTS



Use a hobby knife or diagonal cutters (i.e. Fiskars) to remove excess plastic created by molding process. Do not cut into details.



Sand draft angles (left from molding process) from edges of all the molded parts that will be glued until edges are flat. Tack 100-grit sandpaper to flat surface. Make sanding area longer than the longest wall of the model. Using squaring block, keep edges flat and hold panels square as you sand. Move wall panel, not the block. Sanding is essential to achieve proper fit later. Be careful not to sand into detail of buildings. Lightly sand or file the smooth sides and bottom of chimneys for proper fit.

To glue plastic walls and pieces use plastic model cement or solvent.

## PAINTING & DETAILING PLASTIC PARTS

### PAINTING

We recommend airbrushing with solvent-based enamel paints, such as Floquil. Use water-soluble flat paint, such as Polly 'S' for brushing (color is your choice). See photo on box for suggested coloring. Paint roofs in flat tones and vary colors to resemble weathering and enhance shingle detail. Color of window and door frames can match or contrast with building. Building may be aged with chalks, or lightly misted by airbrushing with thinned flat black paint such as Floquil "Grimy Black." Small details painted in contrasting colors will enhance the building's appearance. Scrape paint from glue points as necessary. Walls and other parts may be painted before assembling. If buildings are painted after assembly, be careful not to paint over the clear window material.

### DRY TRANSFER DECAL INSTRUCTIONS

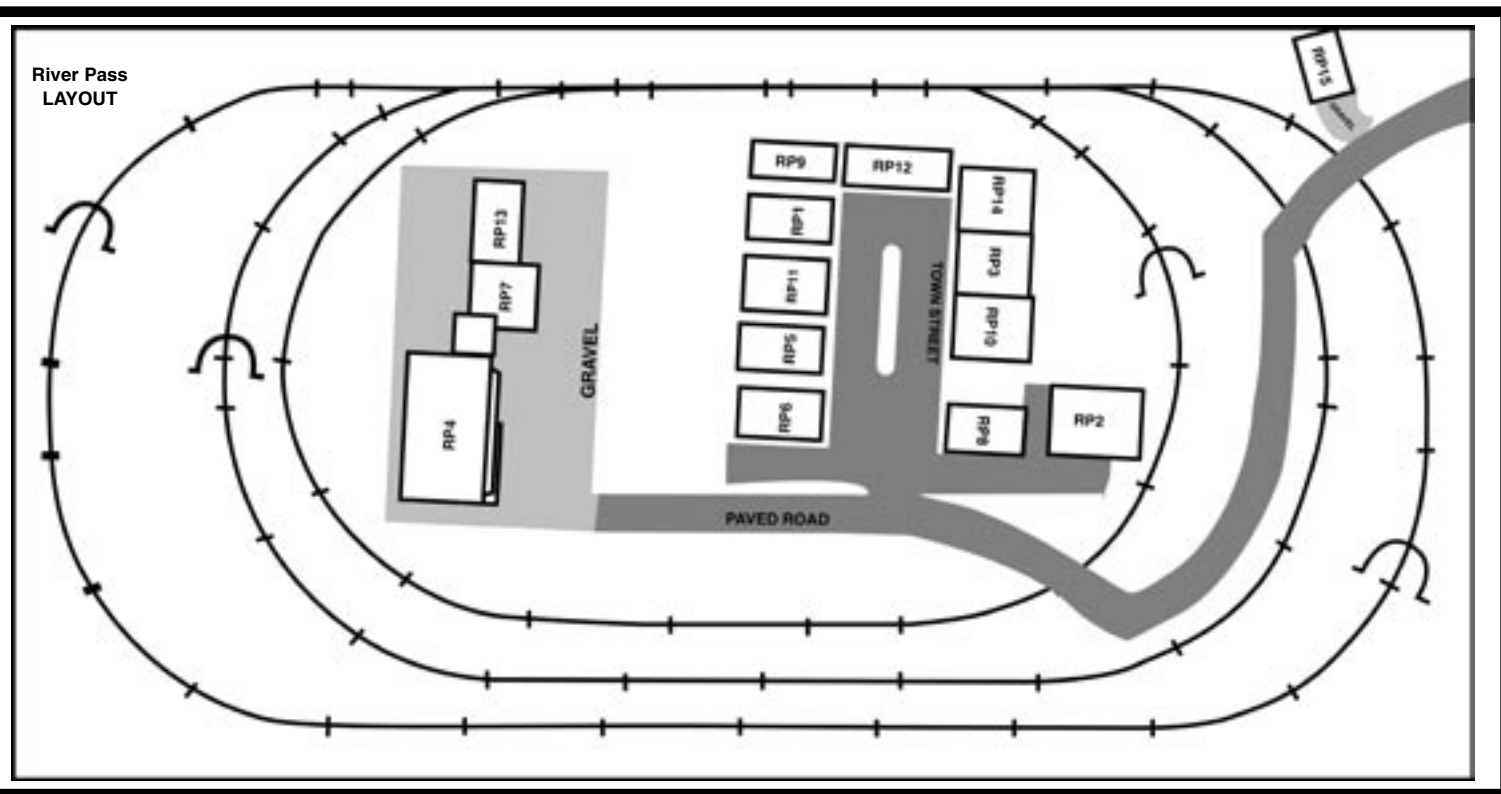
**A.** Place Dry Transfer Decals on proper building as indicated on decal sheet, i.e. RP1, RP2, RP3, etc.

**B.** Place sheet with decal pressed against surface. Hold sheet firmly so decal will not move while applying. Rub top of sheet over desired decal with a burnisher or dull pencil.

**C.** Carefully remove decal sheet. If transfer was incomplete, let sheet fall back into place and repeat procedure.

**D.** Place backing paper over decal and reburnish to set the decal in place.

**TIP:** If decals are fragmented, they can still be used. This effect adds a realistic, weathered look.



RP11 Patriot Appliance



RP12 River's Hotel



RP13 Dyden #1



RP14 Merl's Dry Goods



RP15 Dad's Museum

**NOTE:** In striving for authenticity in our Dry Transfer Decals, some detail has been lost in the process of reducing life-sized signs for reproduction in HO scale. This is not a misprint, rather an effect of the reduction. See the entire line of Woodland Scenics Dry Transfers and castings at your favorite hobby shop.

**Plastic-backed Signs**

It is best to back the following signs with the scrap styrene plastic left over from making the roofs of your buildings:

- road and traffic signs
- Groceries
- railroad crossings
- Ice
- firehouse shield
- Home on the Range
- River's Hotel
- Modern Electric
- Dyden #3
- Cookery
- Margaret's
- Showroom
- Clabber Girl
- Dry Goods House

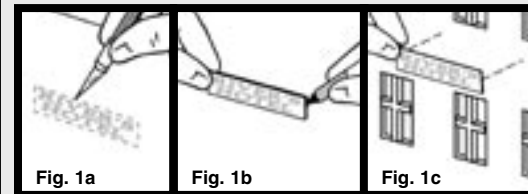
3-dimensional effect for the sign decals

**A.** Apply appropriate Dry Transfer Decals and paper signs (suggested list above) to surface of scrap styrene plastic, left over from roofs.

**B.** Using a hobby knife, carefully cut out plastic-backed signs as close to the edges as possible (Fig. 1a).

**C.** Blacken white edges of plastic backing with a black marker (Fig. 1b).

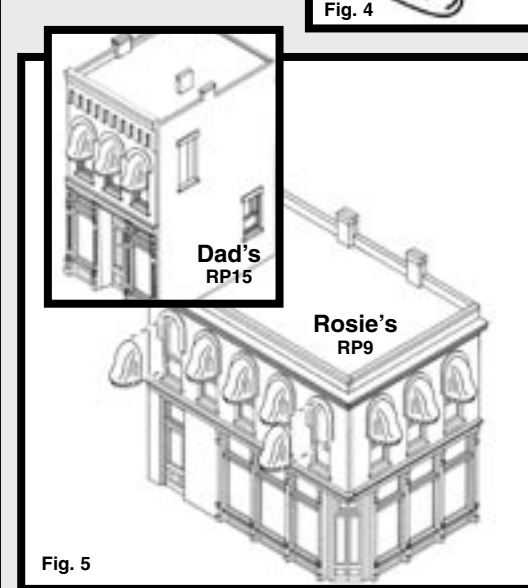
**D.** Glue sign to desired building (Fig. 1c).



**CANOPY INSTRUCTIONS**

Paint canopies the color of your choice and let them dry. Cut carefully around canopies using a sharp hobby knife. Remove bottoms of canopies (Fig. 4). Sand, trim and test fit canopies. Touch up bottom of canopies before attaching.

Glue parts to Rosie's and Dad's (Fig. 5).



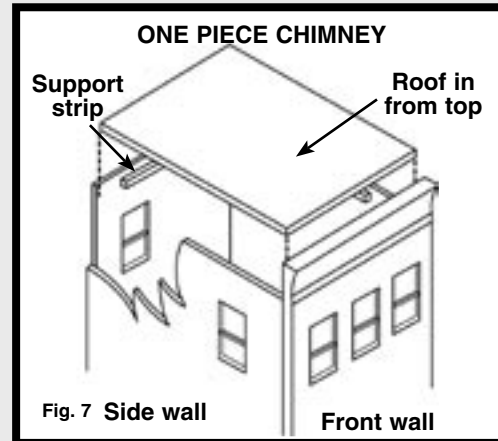
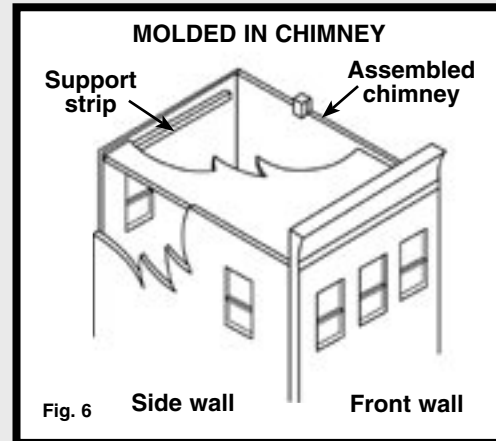
**ROOF INSTRUCTIONS**

Dyden #1 (RP13) building has special directions for roof installation. NOTE: To assemble gable roof, see #201 Roof Assembly Instructions (enclosed in Dyden #1 individual building package). The illustration of the roof assembly 201-4 wall and 201-2 wall are opposite of building assembly illustration.

For the rest of the kits, proceed as follows. Measure inside dimensions of roof opening(s). Draw measurements on cardboard, then cut out and test fit cardboard. Make changes in cardboard roof as required until it fits well. Trace cardboard roof on styrene roof sheet and cut out by scoring with hobby knife along straightedge and snapping off excess plastic. Test fit and make adjustments with hobby knife. (Save scrap roof material for signs.) Paint roof a flat black such as Floquil "Grimy Black." Glue in place according to type of chimney your kit has (see below).

**Molded In Chimney (RP1, RP2, RP7, RP8, RP9, RP14, RP15)**

If your building has chimney(s) molded in as part of wall, insert roof from bottom of building and glue to bottom of chimney(s). Kits include square .080 x .080 inch styrene plastic strips to make roof supports (Fig. 6). Cut strips for supports. For small buildings (RP1, RP7, and RP15), roof support strips on two opposite walls will do. For large buildings (RP2, RP8, RP9, and RP14), you will need to put a support strip on every wall. Place each strip under roof so it fits flush to underside of roof and to inside of wall where roof and wall meet. Glue to both the underside of roof and to wall.

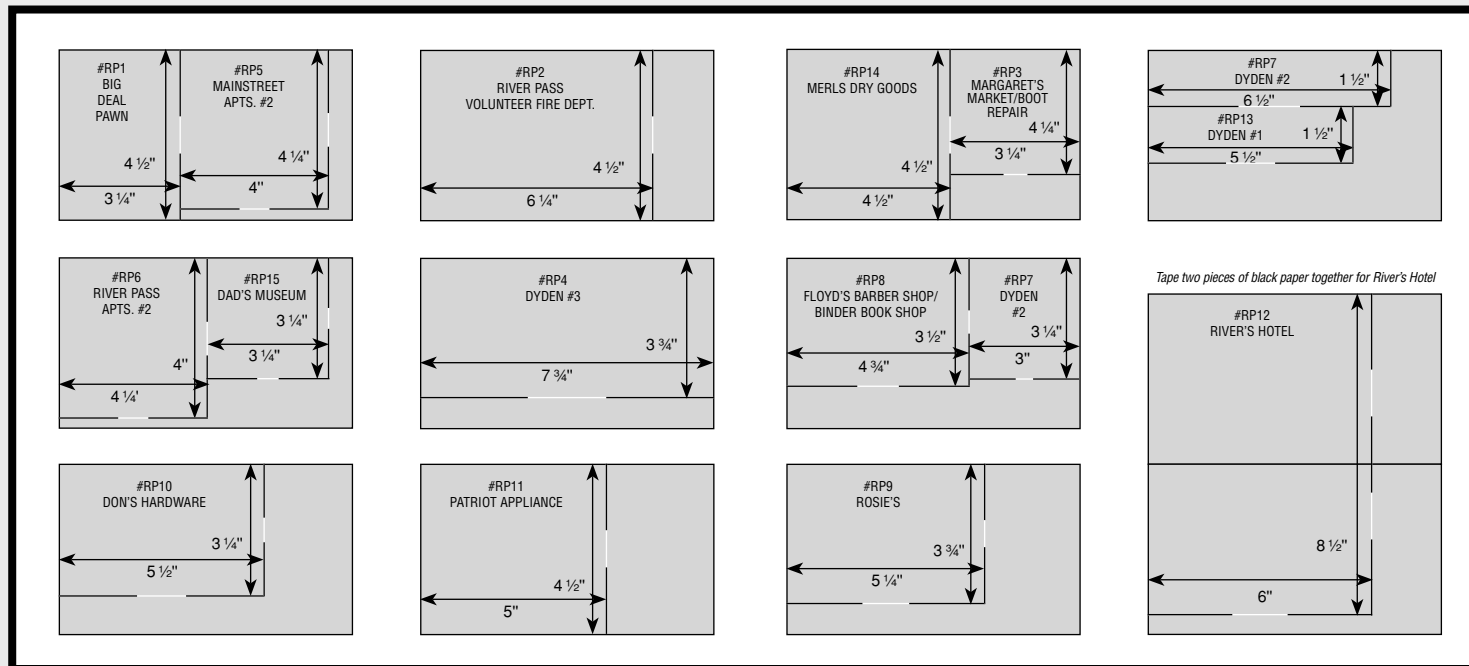


**One Piece Chimney Or No Chimney (RP3, RP4, RP5, RP6, RP10, RP11 and RP12)**

If your building has separate chimneys, glue square .080 x .080 inch styrene plastic roof support strips to backs of walls prior to installing roof. Cut roof support strips to lengths that are shorter than lengths of walls (Fig. 7). If the walls in your kit are different heights, be sure strips are glued so that roof will be below top of lowest wall. As a general rule you will glue strip about 1/8" down from top of lowest wall (usually the back wall) and about 1/4" down from top of mid-height walls (usually side walls). Glue strips on front wall so they are even with strips on other walls. The distance down from the top that you glue roof supports is not critical. Some roofs are level and some will slope front to back. Be sure they are placed even with each other so roof will lie reasonably flat. Glue roof to top of roof support strips. Glue chimney to top of roof.

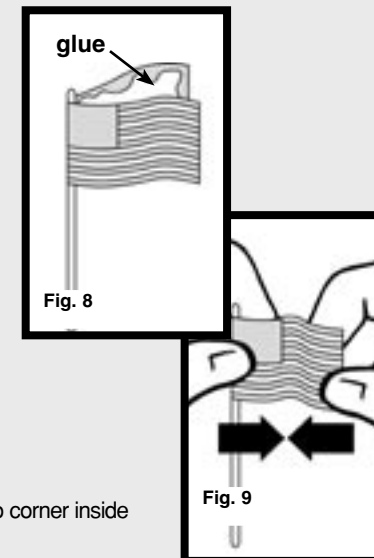
**OPTIONAL IDEA**

To complete the illusion that the building is occupied, place black paper (included in this kit) diagonally from corner to corner inside building to block light from entering (see cutting diagram below).



**ASSEMBLE FLAG**

Carefully cut out the flag of your choice with a sharp hobby knife. Fold in half and coat joining faces with white glue. Wrap around the 3" wire provided (Fig. 8). Hold each end of flag (Fig. 9) and push toward the center to make a "waving flag."



**GENERAL INSTRUCTIONS FOR WHITE METAL CASTINGS**

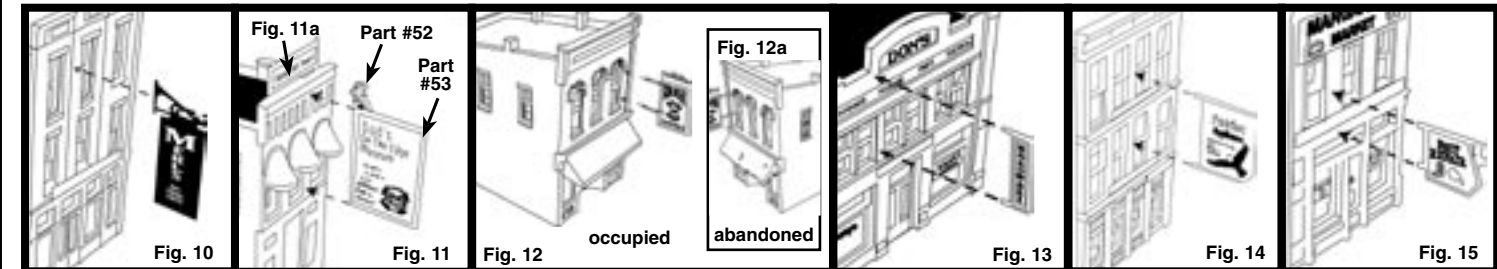
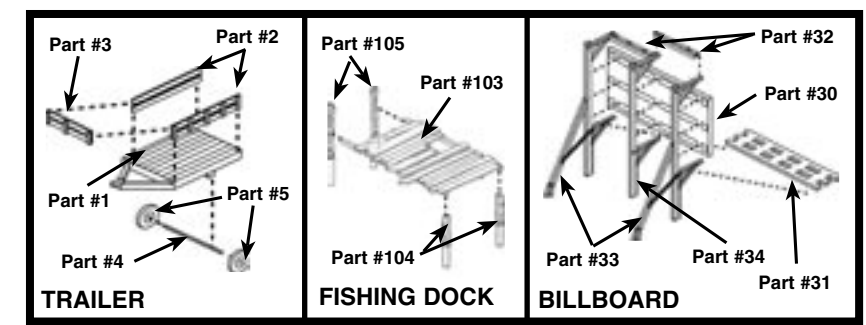
The River Pass Building Kits contains more than 200 white metal castings. These details add life to your layout and make it more than a set of buildings. They are easy to assemble, paint and place. Follow these instructions for preparing the castings. Refer to box photos for some general placement ideas.

**PREPARATION OF METAL CASTINGS**

Remove parting lines, flash and stems with a hobby knife (i.e., X-Acto), diagonal cutters (i.e., Fiskars), sandpaper or file. Test fit castings. Note: Castings bend easily and should be handled carefully. Straighten bent or warped castings. Wash all metal castings in soapy water to remove residue caused by molding process. Rinse and allow parts to dry. Plan ahead. It is often easier to paint certain castings before assembly. We recommend using a primer coat and then painting castings with a high quality, flat paint. If you paint first, scrape paint from glue points before gluing. Touch up paint, if necessary, after assembly. Glue castings together with a fast-setting epoxy or cyanoacrylate, such as "Super Glue" (a thick, gap-filling cyanoacrylate is recommended).

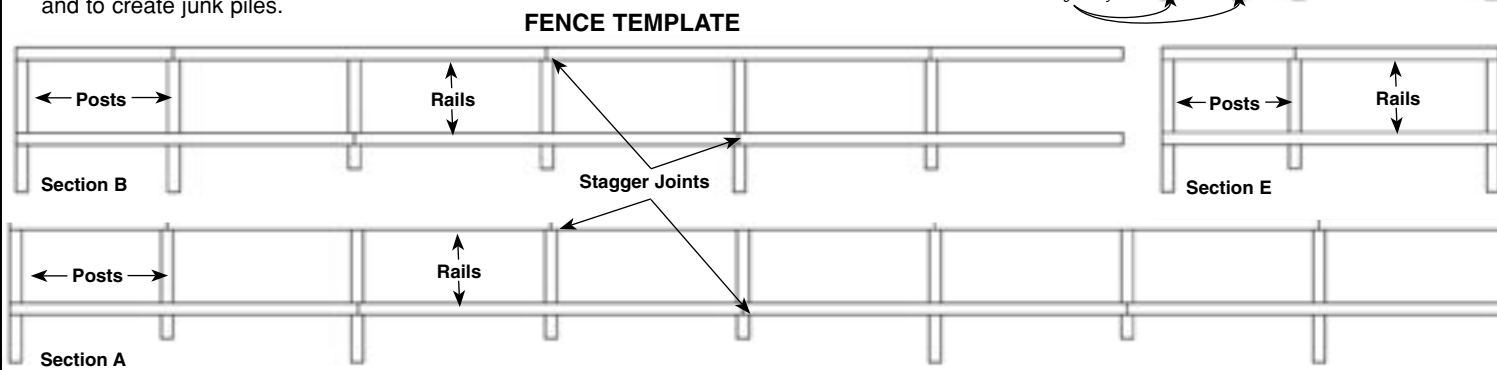
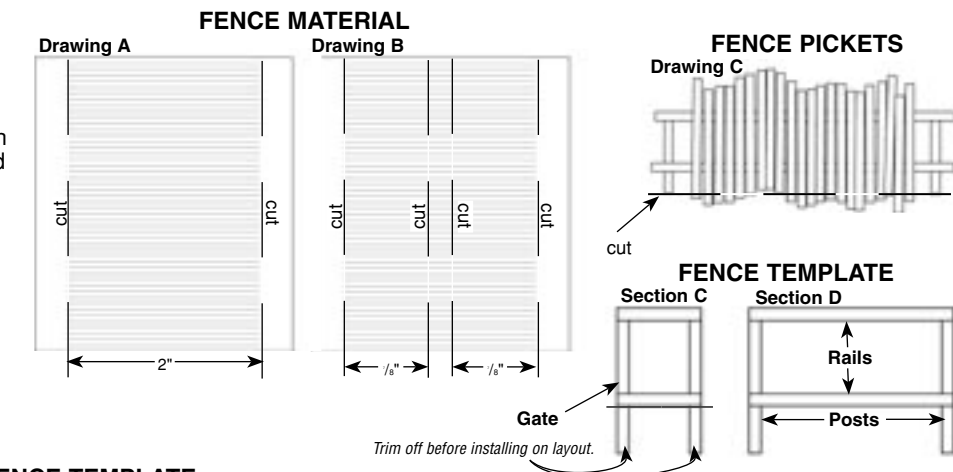
**SIGN INSTALLATION**

Six of the buildings have large signs. Using sign frame as a guide, trace frame on to printed paper signs. Cut and trim sign to fit sign frame. Glue cut signs to the metal sign castings, using any white glue. Merl's Dry Goods (Fig. 10) and Dad's Museum signs (Fig. 11) are glued to the building as shown in the illustration, with cyanoacrylate. Big Deal Pawn (Fig. 12), Don's Hardware (Fig. 13), Patriot Appliance (Fig. 14) and Boot Repair (Fig. 15) will need to have holes drilled into the side of the building before gluing the signs to the building with cyanoacrylate. Refer to illustrations for placement of the signs. Dad's Museum has a two-piece hanging sign (part #52 and #53). Glue #52 to the top of #53 and attach to the building (Fig. 11). There are three signs exactly the same. Trim one of the sign's posts and glue to the top of the roof (Fig. 11a). The other two can be used as road signs.



**FENCE CONSTRUCTION (read entire instruction before beginning)**

- With light strokes, trim one 1/32" thick fence material to two inches wide, using a straightedge and X-Acto knife (Drawing A). The strips should fall apart. If not, roll between fingers to separate.
- Tape fence template plan to a flat surface.
- Carefully align strips of fence rail on one template (stagger joints as indicated). Tape in position on template. Don't cover posts on template. Using 3/64" thick fence material strips, cut posts to length indicated on template. Align posts as indicated and using a fast setting epoxy or cyanoacrylate, glue railings at railing joints (allow glue to dry). Repeat for other four fence sections.
- Cut two remaining 1/32" fence material into 7/8" pickets (Drawing B). Carefully remove fences from templates, turn over, and randomly glue pickets. When dry, trim bottom of pickets (Drawing C). Refer to box photo for suggested fence placement. Building placement and available space will determine the length of fence. Adjust to fit your area.
- Save scrap to board up windows on buildings and to create junk piles.



**Big Deal Pawn**

We have supplied a good awning and a torn awning, so that you may decide whether to make Big Deal Pawn look occupied, or give it an abandoned look. If you like the abandoned look, use the scrap from the wooden fence to create a boarded up look. Glue the boards onto the front door and a few of the windows (Fig. 12a). We also supplied newspaper print to glue to the inside of the front windows to add to the abandoned look.