

#515 Reed Books

Please read instructions first. Glue with plastic model cement or solvent. These work by dissolving plastic, so avoid contact with detail. Always allow glue to dry thoroughly before going to next step in construction. Note: Thin excess plastic on edges of some parts (called "flash") is caused by the molding process; "tabs" also are a result of the molding process. Remove "flash" and "tabs" by cutting with Fiskars Diagonal Cutters (handy, flush-cutting tool available at hobby and craft stores) or by scoring with hobby knife (X-Acto) flush with part and snapping off. Sand, leaving a clean edge. Never sand or cut into detail on parts.

Note: Some walls have alignment pins molded into their smooth back sides to assist you in proper alignment of parts. **DO NOT REMOVE THESE PINS!**

1. The edges of all parts are angled (draft angle) so they may be removed from the mold. It is necessary to remove this angle from both edges of rear wall 515-3, the front edge of side wall 515-4, and the front edge of side wall 515-2. Edges to be squared are marked "A" (Fig. 4). To square the edges, thumbtack a piece of 515-0 grit sandpaper to a board and push and pull the part back and forth evenly on the sandpaper until they are square.

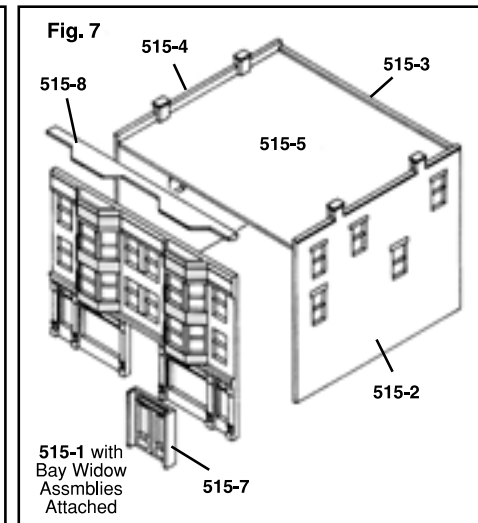
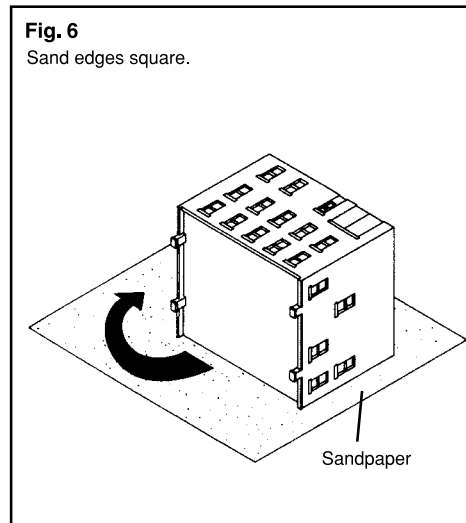
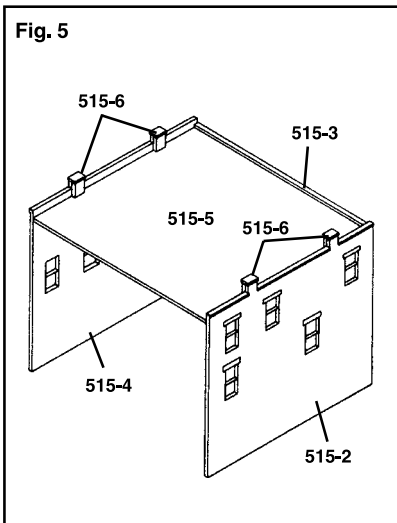
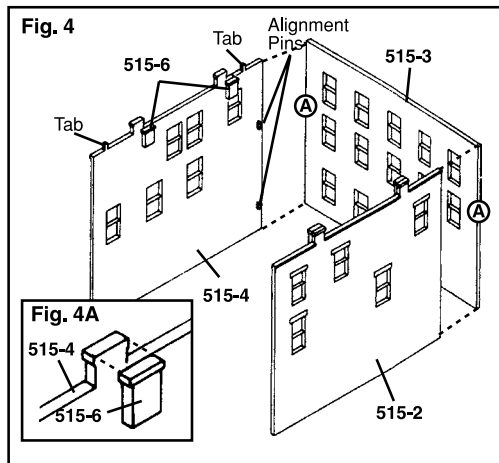
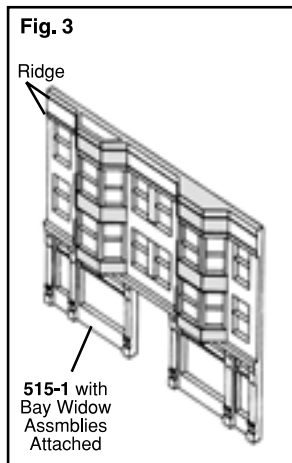
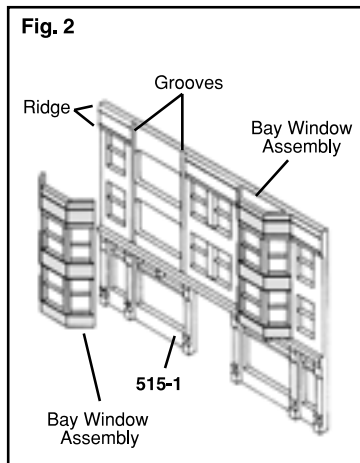
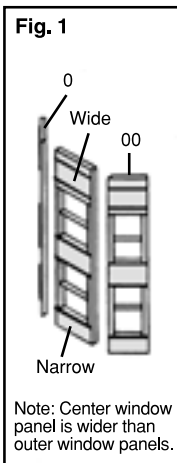
2. Bay Window Panels: These will be assembled as two units of three windows each and then attached to building front. Look at the bay window panels. The center window panels (which have no markings on the back) are slightly wider than the outer window panels and they have mitered angles on both edges. The mitered edges allow a tight, smooth fit when attached to other panels.

The outer panels of each bay window have one edge that is a square angle which will attach to the building. The outer panels also have an edge with a mitered angle which will attach to the center panel. All windows have a narrow solid panel at the bottom and a wider solid panel at the top (Fig. 1). The window on the left panel of each bay window assembly (as you face the building) is marked "0" on the back side at the top; the window on the right panel is marked "00" on the back side at the top.

Remove the six bay window panels from sprue and clean as above if necessary. Carefully glue each set of three window panels together, being sure that all panels have their windows aligned with each other (Fig. 1). Allow to dry.

3. Attaching Bay Window Assemblies to Front Wall. Note: There are grooves on wall 515-1 where the bay window assemblies are to be attached. Run a narrow bead of glue along the outer edges of the bay window assemblies and attach them in the grooves to front wall 515-1 (Fig. 2). Be sure narrow solid panels are at the bottom and wide solid panels are at the top of the assembly and that wall and bay window assembly ridges are aligned (Fig. 3). Tops of bay windows and top of wall must be level with each other. Check alignment and allow to dry. Sand top of entire front wall assembly if necessary to level. Cornice will be attached later.

4. Note: Before installing the roof, paint it "Grimy Black" and set it aside to dry.



5. Chimney backs (Fig. 4): The styrene roof 515-5 will be glued to the bottoms of the four chimney backs. File draft angle off bottoms of chimneys so top of roof will fit flush to them. Glue the chimney backs in their proper places, and when joints are completely set, file tops flat and square.

6. Rear and Side Walls Assembly: Note: Side walls 515-2 and 515-4 have alignment pins molded into their smooth sides to aid in the proper alignment of parts. Butt rear wall 515-3 against alignment pins on side walls 515-2 and 515-4 (Fig. 4). Check seams to assure perfect fit. Glue in place and allow to dry. Several rubber bands will help keep the whole thing together while you adjust the sides to each other.

7. Roof: Note: Roof 515-5 has a rough and a smooth side. From the front of the building, slide roof 515-5 in under the chimney backs 515-6 so rough side will be up. If roof does not quite fit, sand edge or edges as necessary (Fig. 5). Level roof so that it is snug against chimney bottoms. Glue roof in place from the inside and allow to dry.

8. Attaching Front Wall: After glue has thoroughly dried, tip building on its face and lightly sand in a circular motion (Fig. 6). To trial fit front wall 515-1 to rest of building, butt side walls 515-2 and 515-4 against alignment pins on front wall 515-1 (Fig. 7). Check seams to assure perfect fit. If gaps occur, repeat sanding step. When fit is snug, apply glue to seams between building's front and its sides from inside of building and allow to dry.

9. Leveling: Carefully sand bottom of building in a circular motion to level all bottom edges so that building will sit squarely on layout.

10. Door: Sand bottom of door 515-7 to remove draft angle and square bottom of door. From the inside, place door 515-7 evenly in opening and glue in place (Fig. 7). Check to make sure that the building still sits squarely.

11. Painting: Note: Paint building and cornice 515-8 now although cornice will be attached last. For airbrushing, our preferred method of painting, we recommend flat finish solvent-based enamel paints such as Floquil®. Use water-soluble flat paint such as "Polly S" for hand brushing. Colors are your choice. Note: We do recommend over-spraying the whole building with a light, uneven coat of "Grimy Black" to weather it and give it the appearance of being around a long time.

12. Windows: Cut clear styrene material to size and install over whole areas of window openings at one time. Lightly score pieces A and B on dotted lines where indicated on template. Carefully fold these pieces on the scored lines and gently insert into bay window assemblies from the top of window assemblies. It is not necessary to glue these pieces in place.

Glue strips C and D vertically behind the second and third story outside windows on the front wall 515-1. Glue E vertically behind center second and third story windows on front wall. Glue F and G horizontally over first story front windows. Glue H inside of front door.

Cut remaining sheets of clear window material lengthwise into four strips, 5/8" wide. Measure a set of window openings and trim clear window material strips to proper length. Repeat for each set of window openings.



Reed Books
#515

N SCALE

(instructions continued)

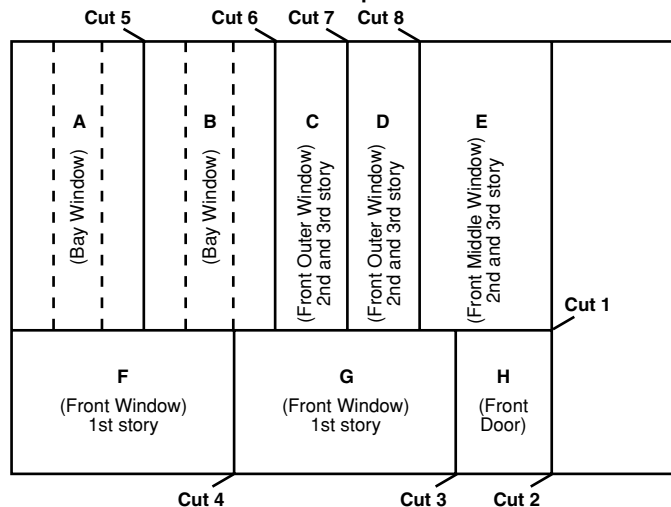
Glue clear window material strips in place.

13. Cornice: Fit and glue cornice 515-8 to top of front wall assembly 515-1 with decorative side down (Fig. 7).

14. Finishing Touches: To give your building the illusion of being occupied, place a piece of black construction paper diagonally from corner to corner inside the building to block the light.

Reed Books is an example of American commercial late Victorian architecture. This beautiful & fanciful style dominated building design during the latter part of the Nineteenth Century and early Twentieth Century.

Window Template



MADE IN USA

V3

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N SCALE
STRUCTURE KIT



Vehicles, figures and decals not included.

#515
REED BOOKS
3 1/4"W x 3"D x 2 3/4"H



Design Preservation Models
P.O. Box 66, Linn Creek, MO 65052
www.dpmkits.com