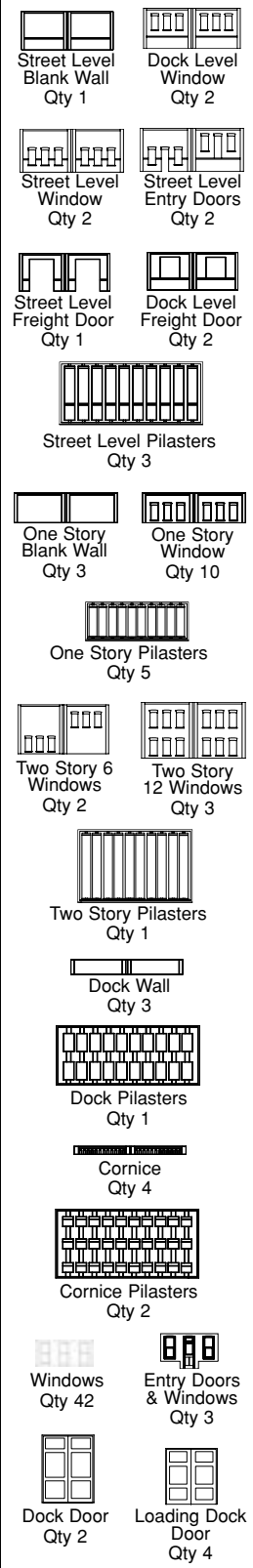


Building Parts Included in Kit



Additional Material

- Roof material (2 sheets 5 3/4" x 7")
- Clear window material (2 sheets 5" x 5")
- Wire Strips (2 at 6")
- Inside Corner Strip (1 at 5")
- Styrene Strips .080" (5 at 7")
- Black paper (2 sheets 4 1/2" x 7 3/4")

See reverse side for Details listing.

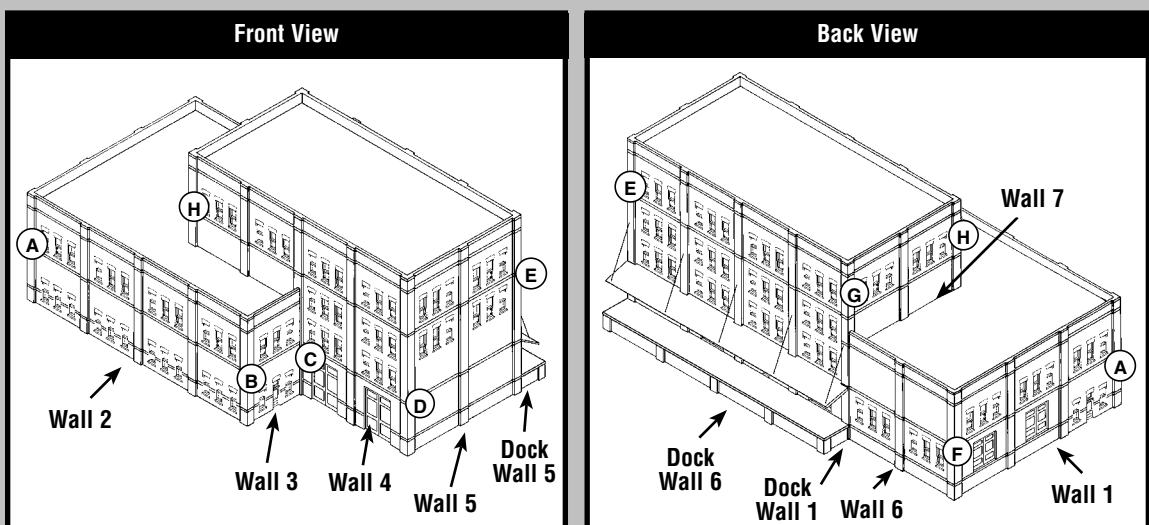
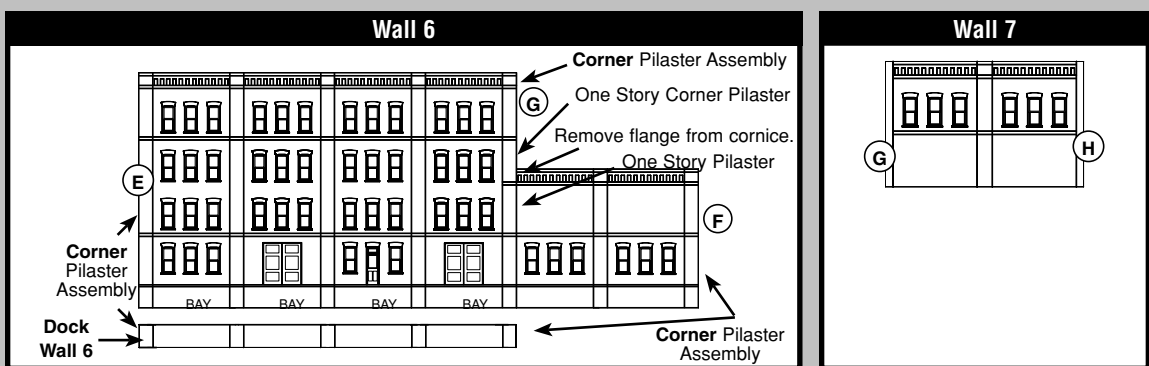
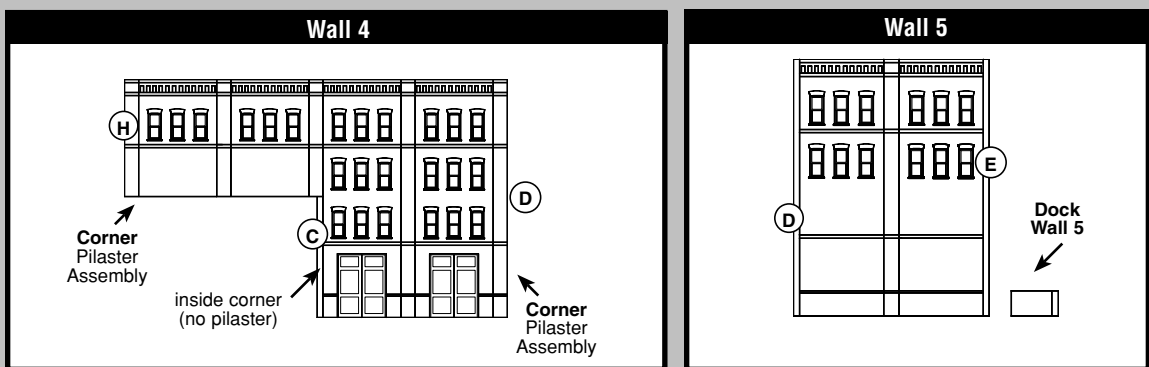
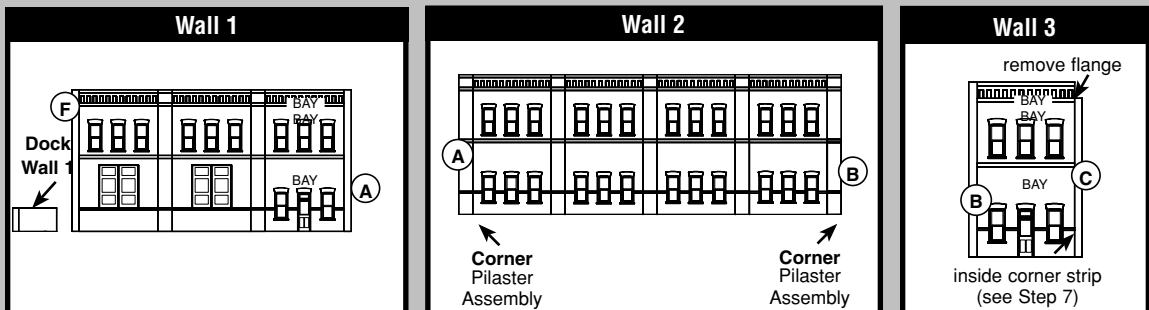
660 WOODS FURNITURE CO. INSTRUCTIONS

Follow these step-by-step instructions to construct the Woods Furniture Company building. Refer to Walls 1-7 and to the Front and Back Views illustrated below to determine the proper location for each building part. The building parts included in this kit are identified on the left.

Match letters on the drawings below to determine where walls join. For example: [Wall 1, edge F] and [Wall 6, edge F] join each other as an "outside" corner (see Back View). [Wall 3, edge C] and [Wall 4, edge C] join each other as an "inside" corner (see Front View).

In Step 3, some wall sections will need to be cut into two pieces to form bays (see Walls 1, 3, 6). You will have some wall parts (bays), pilasters, windows and dock walls left over when your building is completed.

Look through the enclosed catalog to see the complete line of DPM N scale buildings, as well as the wall sections that are interchangeable with and/or can be added to this building.



1 Prepare parts.

It is extremely important to carefully prepare parts before you begin to build. Parts will not fit properly if not prepared. Time spent now correctly preparing parts will help you build a better model.

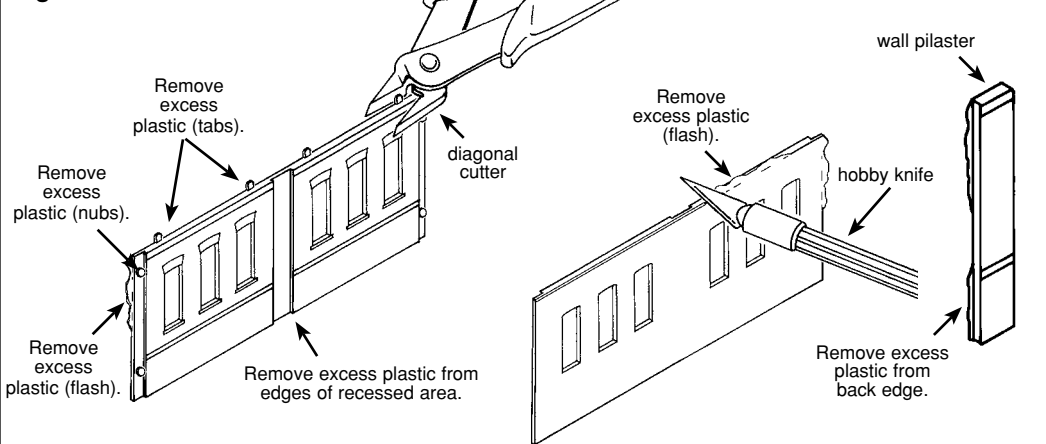
Use a hobby knife (i.e., X-Acto) and/or diagonal cutters (i.e., Fiskars) to remove excess plastic created by molding process where necessary (Fig.1).

Remove excess plastic from edges of recessed area in middle of wall sections, if needed.

Be sure to remove excess plastic on back edges of wall pilasters to square them so they will fit in recessed areas on wall sections.

Do not cut into detail or alter edges of parts.

Fig. 1

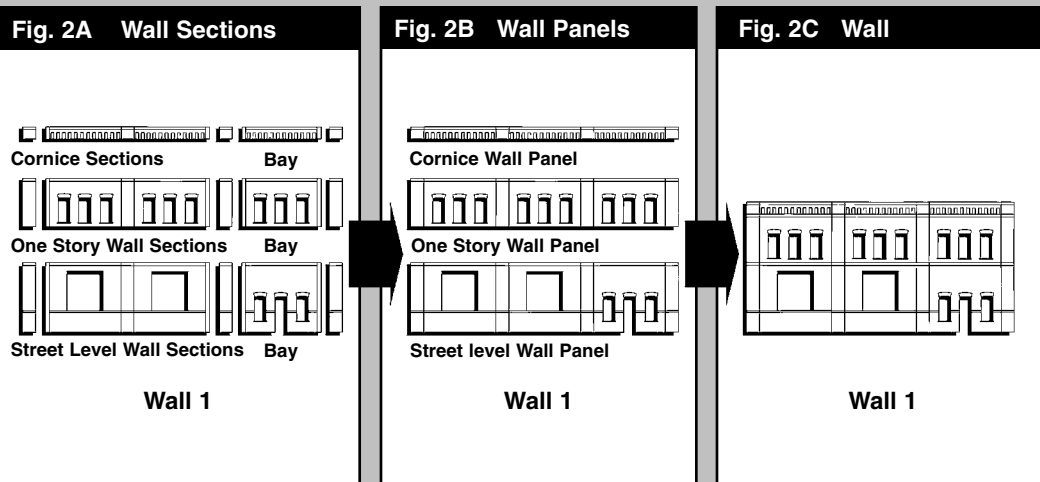


2 Identify all wall sections needed to build each wall (see illustrations of Walls 1-7) and place them in separate wall groups.

All N scale wall sections are two bays wide. Some wall panels in this building are assembled by using bays from different wall sections (Figs. 2A and 3B). Therefore, some wall sections must be cut apart to form two separate bays (in Step 3).

In Step 5, bays and/or wall sections will be joined together side-by-side with wall pilasters to form wall panels (Fig. 2B). In Step 8, wall panels will be vertically joined to form an entire wall (Fig. 2C).

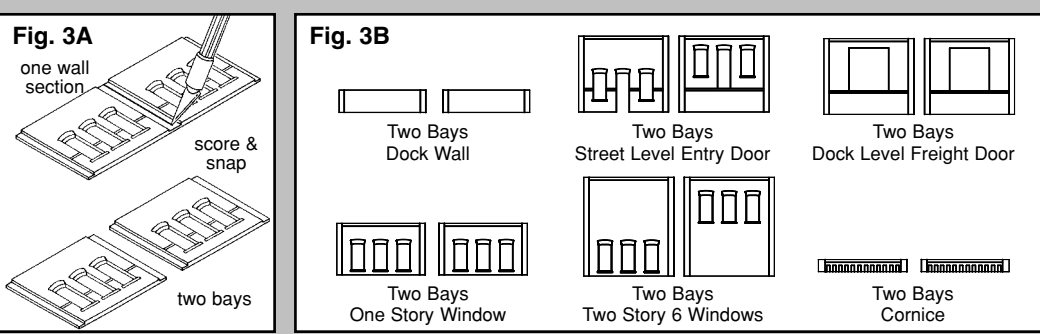
Do Step 3 and 4. Then, beginning with Wall 1, follow Steps 5 - 8 to build all walls, building one wall at a time.



3 Make wall bays by cutting wall sections apart where necessary (labeled on Walls 1, 3, 6).

To separate wall sections into bays, score with hobby knife in the middle of recessed area of wall section and snap bays apart (Fig. 3A).

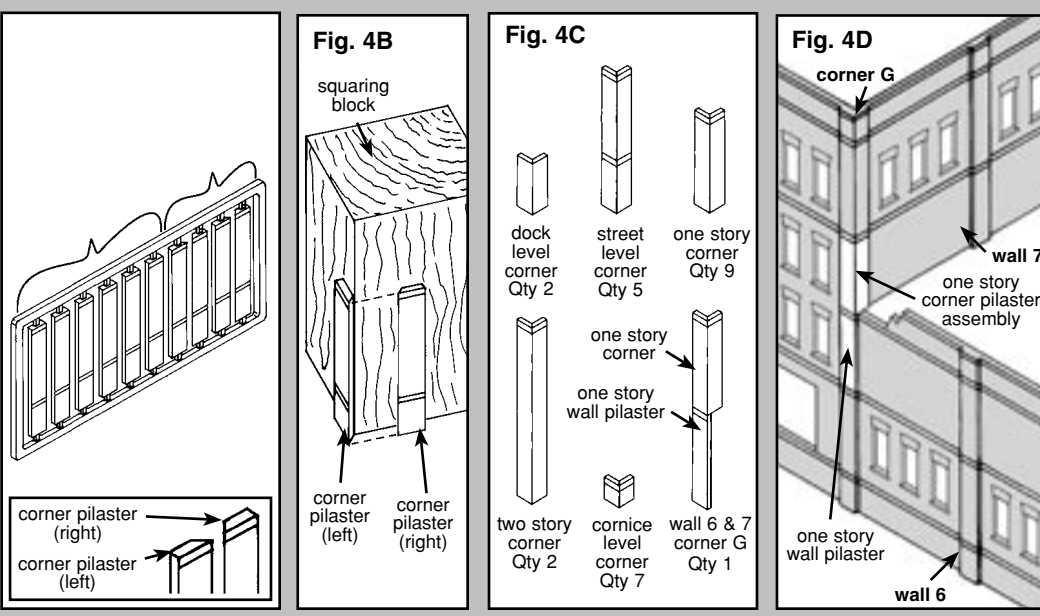
Make each bay shown in Fig. 3B and place bay with correct wall group (Step 2).



4 Glue all complementary corner pilasters together. NOTE: Each pilaster sprue contains two left and two right corner pilasters and six wall pilasters (Fig. 4A). Each corner pilaster has a 45 degree angle on one long side.

Make each type of corner pilaster shown in Fig. 4C by gluing complementary left and right corner pilasters together with plastic cement or solvent. Suggestion: Use a squaring block or a small square to ensure a 90 degree angle (Fig. 4B). Allow to dry. Glue one story left corner pilasters to one story right corner pilasters, two story left corner pilasters to two story right corner pilasters, etc (Fig. 4C).

In Fig. 4D, note the unusual corner arrangement on Walls 6 and 7 - Corner G. The second story on Wall 6 corner G has a one story wall pilaster and there is no matching pilaster on Wall 7. The third story of corner G consists of a one story corner pilaster assembly. Set assemblies aside until later.

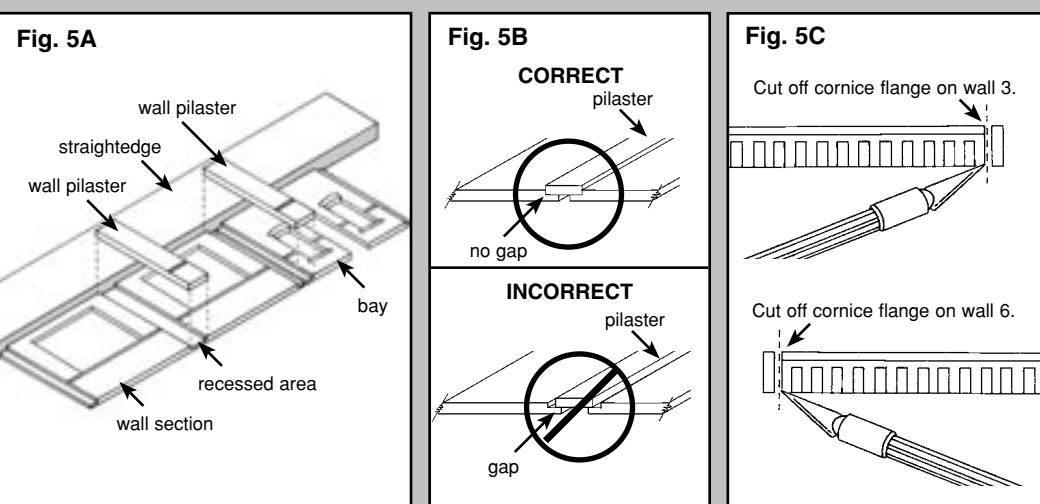


5 Beginning with Wall 1, use wall pilasters as joiners and glue wall sections and bays to form wall panels. Glue corner pilaster assemblies to wall panels on Walls 2, 4 and 6 only.

Use straightedge to align sections at their tops (5A), one wall panel at a time.

See 5B for correct way (no gap) and incorrect way (gap) to attach wall pilasters. Don't force wall pilasters into recessed areas of wall sections; they should fit easily. Be sure recessed area and pilasters are free of excess plastic (see Step 1 - Prepare Parts - again if necessary).

Before beginning to assemble Walls 3 and 6, remove cornice flanges indicated in Fig. 5C: Wall 3 (flange on right side of cornice) and Wall 6 (flange on left side of cornice above two story section).



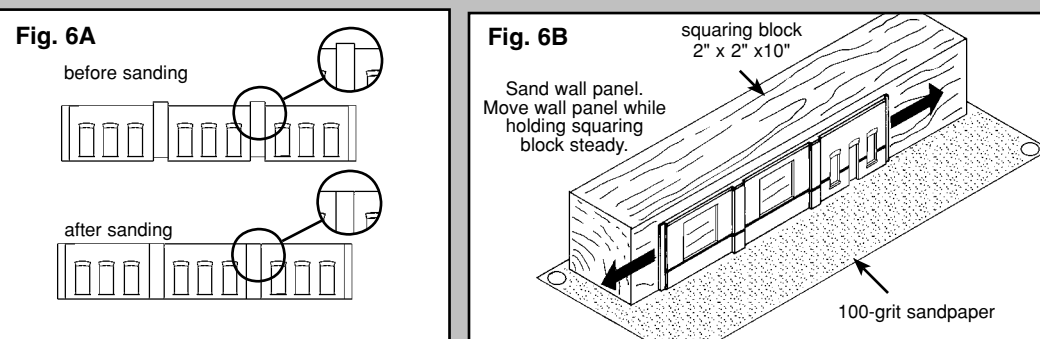
6 Sand top and bottom of each assembled wall panel to align and square up all wall section edges (Fig. 6A).

NOTE: This step is essential to achieve proper fit later.

Tack 100-grit sandpaper to flat surface. Make sanding area longer than longest wall.

Use squaring block to keep edges flat and panels square as you sand (Fig. 6B). Move the wall panel, not the squaring block.

Do not sand into details.



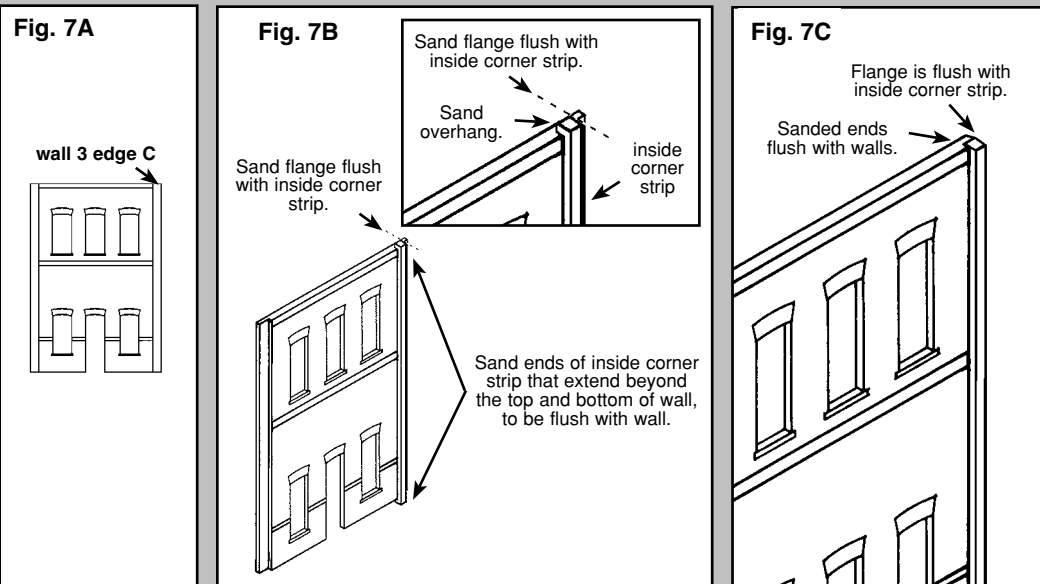
7 Step 7 only applies to wall 3, edge C.

Align and glue first and second stories of Wall 3 together (Fig. 7A).

Score with hobby knife and snap off a piece of the included 5" inside corner strip to a length that slightly overhangs top and bottom of Wall 3; glue to flange (Fig. 7B).

Using a squaring block as shown in Step 6, sand flange to remove excess plastic until flange is flush with attached inside corner strip (Fig. 7C).

Using a squaring block, sand ends of strip that overhang wall until flush.



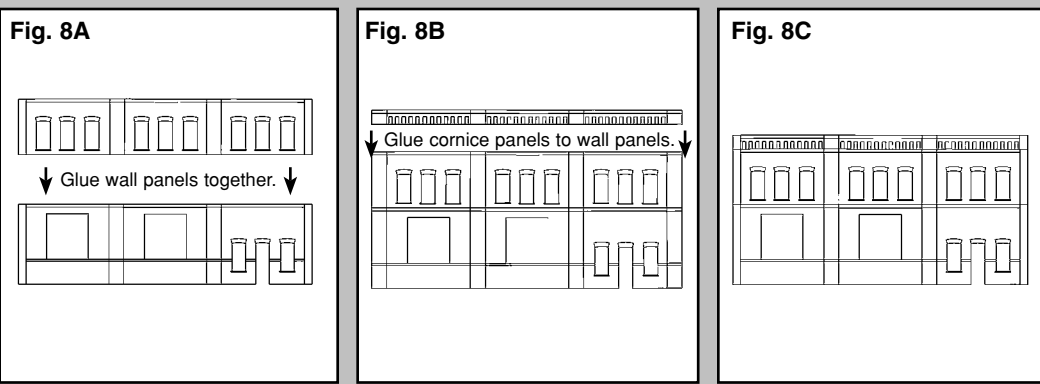
8 Glue wall panels together to form entire wall.

Align pilasters (Fig. 8A) and glue wall panels together.

Align pilasters and glue cornice panel to top wall panel (Fig. 8B).

Entire wall is now assembled (Fig. 8C).

Repeat Steps 5 - 8 for remaining walls until all walls are completed.

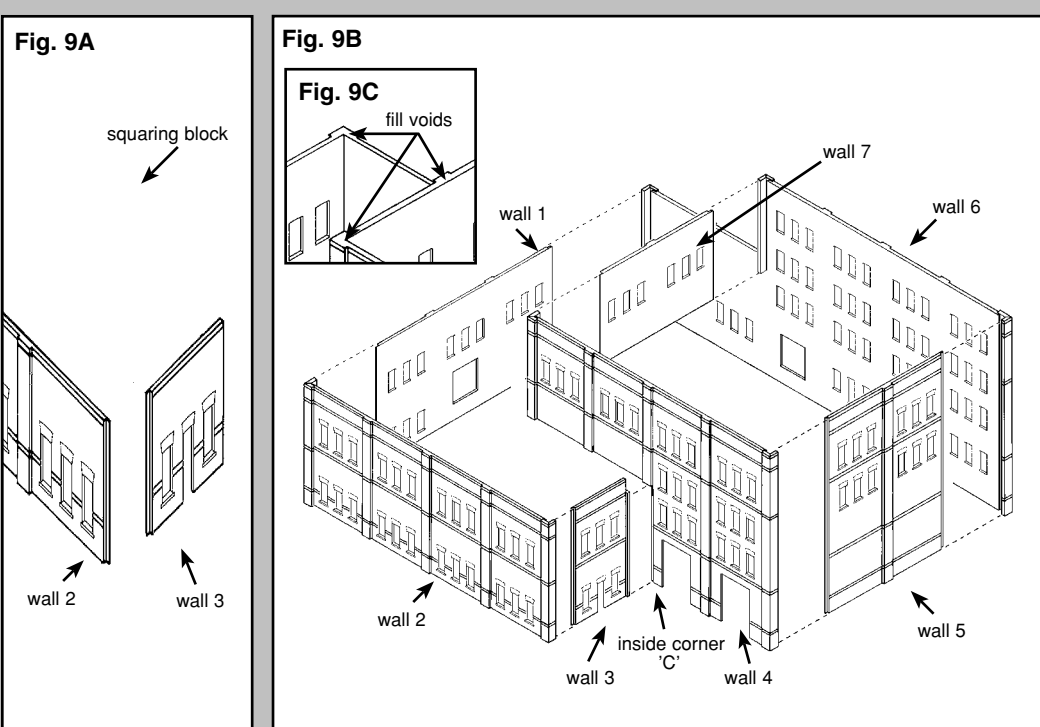


9 After walls are assembled, glue them together to form complete building.

Use a squaring block to hold corners square while gluing (Fig. 9A).

Join all walls together (Fig. 9B) in the following order: 1 to 2, 2 to 3, 4 to 5, then 3 to 4, 5 to 6, 6 to 1 and 6 to 7, 7 to 4. Note that Walls 3 and 4 are joined together at installed inside corner strip to form inside corner C.

Optional: If desired, fill voids in corners at top of wall sections with spackle or plastic putty (Fig. 9C).



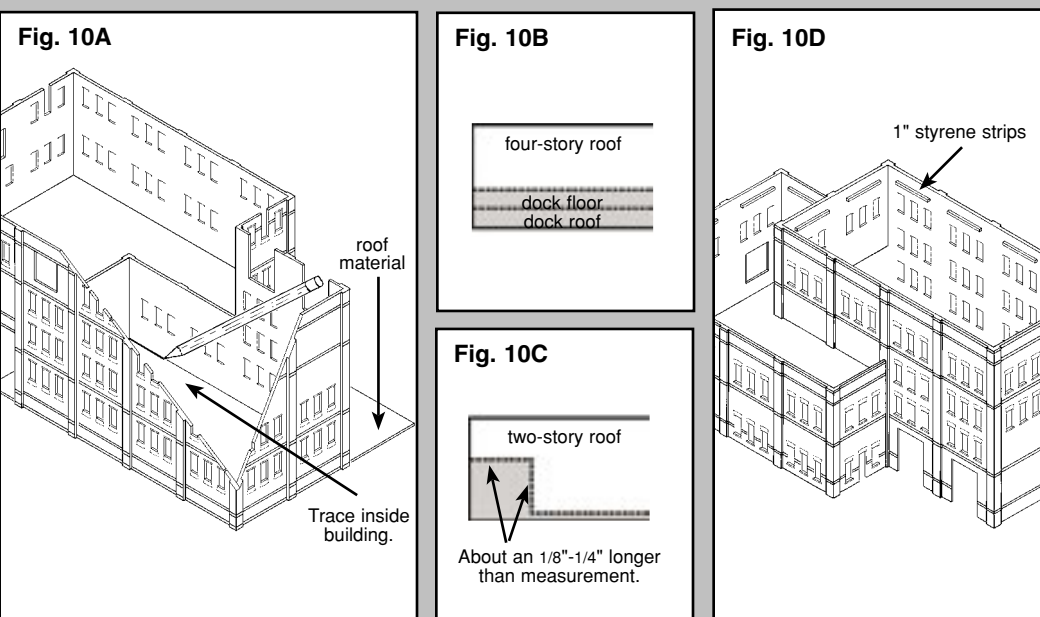
10 Transfer size of roof openings to roof material and cut out roof pieces.

Turn building upside down. Align corner of the opening over four story section with two edges of one piece of roof material (Fig. 10A). Trace inside edge of wall carefully because the leftover material (shaded area in Fig. 10B) will be used in Steps 11 and 12.

Measure inside roof opening on two story area of building and transfer measurements to second piece of roof material, beginning at a corner of material. Make roof over the two story area 1/8"-1/4" longer on both inside edges to fit under adjacent upper story wall (Fig. 10C).

White areas in Figs. 10B and 10C show amount of roof material used when positioning of roof openings is correct. Score with hobby knife and snap roofs apart, test fit and adjust. Set roofs aside.

To make roof supports: Use a hobby knife to score 1" pieces of included 7" .080" styrene strips. Snap apart and glue to back side of walls, aligning top edge of strips with



11 Assemble dock walls. Cut and fit dock's roof and floor.

Assemble dock walls in the same manner as wall panels (Fig. 11A). NOTE: Building serves as back wall of dock.

To make dock Walls 1 & 5, measure, score with a hobby knife and snap off a 7/8" piece from each end of a dock wall (Fig. 11B). Glue dock side Walls 1 and 5 to dock Wall 6. Then glue assembled dock wall to building (Fig. 11C).

Prepare dock roof supports from the included 7" .080" styrene strip to fit building between pilasters. Measure, score strip with a hobby knife, and snap off. Glue top edges of strips to bottom edge of decorative brick course above dock on Wall 6 (Fig. 11A).

Make dock roof and floor from roof material (Fig. 10B). Score roof material with hobby knife and snap apart two 1" x 7" pieces. Notch dock's roof and floor to fit around building's pilasters (Fig. 11D). Dock floor will overlap dock walls slightly and cover tops of dock pilasters. Do not glue dock roof or floor in place yet.

Fig. 11A

Fig. 11B Dock wall section

-Fig. 11C

Fig. 11D Dock floor & dock roof

PAINT BUILDING PARTS.

We recommend that you paint all building parts for the most realistic appearance. However, it is not mandatory. See PAINTING under FINISHING TOUCHES for helpful hints.

Clean paint from surfaces to be glued. Touch up paint if needed.

PAINT BUILDING PARTS.

We recommend that you paint all building parts for the most realistic appearance. However, it is not mandatory. See PAINTING under FINISHING TOUCHES for helpful hints.

Clean paint from surfaces to be glued. Touch up paint if needed.

12 Install building's roofs and dock's roof and floor.

From top of building, glue roofs to styrene strips (Fig. 12A).

Glue dock floor to dock walls (Fig. 12A).

Glue dock roof at a slight angle to styrene strips attached to building wall (Fig. 12A).

Cut five pieces of included wire 11 1/2" long. Glue wires to dock roof and building to give the appearance of roof supports (Fig. 12B).

Fig. 12A

Fig. 12B

13 Glue window frames and doors with windows to clear window material. Install all doors and windows.

When gluing window frames to clear window material, allow 1/8" between each set of three window frames (see 13C). Keep glue off detail and window material that will be seen from the outside of building. When glue is dry, cut sets of windows and doors apart.

Note that each set of windows has a tab on top side (Fig. 13A). Windows are installed with tabs facing up. Install windows and doors, including freight doors, from the inside of building (13B).

Black paper, placed diagonally from corner to corner inside both building sections, will complete the illusion that the building is occupied. Cut black paper (included in kit) to fit and install it.

Fig. 13B

Fig. 13A

Fig. 13C

DETAILS PARTS LIST

The following list contains all details included in the 660 building. Sort and organize individual detail parts, this will make assembly

No.	Name	Qty	No.	Name	Qty	No.	Name	Qty
ROOFTOP MAINTENANCE BUILDING			FORK LIFT			MISCELLANEOUS BUILDING PARTS		
1	Front Wall	1	8	Steering Wheel on Post	1	17	Ladder	1
2	Right Side Wall	1	9	Chassis	1	29	Entry Door Awning	1
3	Rear Wall	1	10	Roll Bar	1	30	Freight Door Awnings	4
4	Left Side Wall	1	11	Lift Fork	1	31	Dock Bumpers	2
5	Roof	1	12	Lift Frame	1	32	Duct Piping	2
WATER TANK			SIGN			MISCELLANEOUS PARTS		
17	Ladder	1	6	"WOODS"	1	35	Stoops	2
18	Base Supports	4	6	"FURNITURE"	1	36	Lathes	2
19	Base	1	6	"CO."	1	37	Planers	2
20	Tank Sides	2	7	Sign Supports	6	38	Disc Sanders	2
21	Tank Top	1				39	Large Lumber Piles	4
22	Drain Pipe	1				40	Small Lumber Piles	2
CYCLONE			SMOKESTACK			41	Propane Tanks	3
23	Narrow Framework Pieces	2	13	Smokestack Base	1	42	Pallets	6
24	Wide Framework Pieces	2	14	Plastic Tube	1	43	Scrap Heap	1
25	Cyclone Pipe	1	15	Smokestack	1	44	Stacks of Boxes	3
26	Cyclone	1	16	Smokestack Top Ring	1	45	Fence Sections	3
			FUEL TANK					
			27	Supports	2			
			28	Tank	1			

ASSEMBLING DETAILS

PREPARING WHITE METAL CASTINGS

Remove parting lines, flash and stems with a hobby knife (i.e., X-Acto), diagonal cutters (i.e., Fiskars), sandpaper or file. Align and fit castings. NOTE: Castings bend easily and should be handled carefully. To straighten bent or warped castings, lay them flat on a table and push down to table top.

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 pre-paint certain castings before assembly. We recommend using a primer coat and then painting castings with a high quality, flat paint. If you pre-paint, scrape paint from glue points before gluing and touch up paint if necessary after assembly. See PAINTING under FINISHING TOUCHES for some helpful hints. Glue castings together with a fast-setting epoxy, or a cyanoacrylate such as Super Glue. We prefer a thick, gap-filling cyanoacrylate.

1 Assemble the rooftop maintenance building and company sign.

Fit Parts 1-4 together and glue in place (Fig. 1A). NOTE: Parts 2 and 4 fit in vertical grooves on back of Parts 1 and 3. Glue Part 5 to assembled Parts 1-4.

Glue maintenance building to roof top (Fig. 1B).

Place the three Part 6s in order on the work table and then turn them face down, keeping them in the proper order. Align and glue the tongues on "Furniture" in the grooves on "Woods" and "Co." (Fig. 1C). Evenly space all six Part 7s and glue between long rails of Part 6s (Fig. 1C).

When completely dry, glue short leg of each Part 7 to building (Fig. 1D). For other possible sign locations, see photos on box.

Fig. 1A

Fig. 1B

Fig. 1C

Fig. 1D

2 Assemble the forklift and the smokestack.

Glue Part 8 to indentation in floor of Part 9 (Fig. 2A).

Bend posts of Part 10. Shorten each pair, if needed. Attach posts in pairs to front and rear of Part 9.

NOTE: Ridges on back of Part 11 fit in slots on Part 12. Glue Part 11 to Part 12. Attach flat area on Part 12 to flat area on lower front of Part 9.

Sand both ends of plastic tube (Part 14) to square up. With the point of a hobby knife, slightly ream inside edges of three Parts 15 and Part 16 until they fit on tube (Part 14) and glue them in place (Fig. 2B).

Glue smokestack assembly and Part 13 to building (Fig. 2C).

Fig. 2A

Fig. 2B

Fig. 2C

3 Prepare ladders.

NOTE: Curved handrails on ladders (two Part 17s) are optional.

To form curved handrails on ladders bend end 1/4"-3/8" around a piece of 1/16" wire or nail. IMPORTANT: Keep rails on Part 17 parallel.

After bending, carefully remove top four rungs only (Fig. 3B). Sand or file spots where rungs were attached, if necessary. Repeat with other ladder.

Shorten ladders as necessary for appearance and/or height of structure by cutting with diagonal cutters. Glue one ladder to building (Fig. 3C). Place other ladder where shown in step 4.

Fig. 3A

Fig. 3B

Fig. 3C

4 Assemble water tank and stand.

Glue four Part 18s together at right angles to make a stand (Fig. 4A).

Glue Part 19 to stand (Part 18s) (Fig. 4B).

Glue two Part 20s together to form tank; glue tank to Part 19. Glue Part 21 to tank.

Remove end of Part 22 and discard (Fig. 4C). Note that end of Part 22 will touch roof of building when in correct position on tank (so that it appears to continue on through roof). Bend long end of Part 22 at a right angle 1/8" from end and glue to assembled tank (Fig. 4C). Glue one Part 17 to tank top, placing one handrail on each side of molded-in hatch.

Glue entire assembly to roof top (Fig. 4D).

Fig. 4A

Fig. 4B

Fig. 4C

Fig. 4D

5 Assemble cyclone and fuel tank.

Glue two narrow Part 23s between two wide Part 24s (Fig. 5A). Glue Part 25 to Part 26. Set Part 26 in assembled Part 23s and 24s and glue in place.

Glue completed cyclone assembly to roof top (Fig. 5B).

Assemble fuel tank by gluing two Part 27s to bottom of Part 28 (Fig. 5C).

Fig. 5A

Fig. 5B

Fig. 5C

6 Glue all assemblies and Parts 28-46 in place on or around building.

Glue small awning (Part 29) on building wall 1 (Fig. 6B). Glue one large awning (Part 30) above each of the four freight doors shown in Figs 6A and 6B.

Glue dock bumpers (two Parts 31 to building as shown in Fig. 6B. Glue Parts 32, 33 and 34 to building as shown in Figs. 6A and 6B.

Glue stoops (Part 35) at doors.

Glue Parts 36-45, forklift and fuel tank wherever desired to complete scene.

Fig. 6A

Fig. 6B

FINISHING TOUCHES

PAINTING

Appearance of buildings is enhanced by painting. We recommend airbrushing with solvent-based enamel paints, such as Floquil, in a flat finish. Use water soluble flat paint such as Polly 'S' for brushing (color is your choice). We prefer natural brick colors in earth tones for entire building and the dock walls. Other suggestions: dock floor - Floquil "Concrete," roofs - "Flat Black," smokestacks - a black or gray color. 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 a contrasting color will add realism and enhance building's appearance. See the picture on the box for painting ideas. Scrape paint from glue points as necessary.

OPTIONAL IDEA

You may want to apply a very fine sand to the roofs to simulate a "gravel" texture.

Dry Transfer Decals

A. Place a dry transfer decal in position shown in picture on front of package, or where desired.

B. Hold carrier sheet firmly so it cannot move while you rub over the decal with a burnisher or dull pencil.

C. Carefully remove carrier sheet. If transfer was incomplete, let sheet fall back into place and transfer remainder.

D. Place backing paper over decal and reburnish. Repeat with other decals.

NOTE: The cast details and Dry Transfer Decals in this kit were made by Woodland Scenics for Design Preservation Models. See the entire line of casting and Woodland Scenics Dry Transfer Decals at your favorite hobby store.

Design Preservation Models

P.O. Box 66
Linn Creek, MO 65052

MADE IN USA

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