Polk County Court House kit in HO scale

This kit includes all building parts milled in white styrene plastic, laser cut white acrylic and card stock, Evergreen styrene tubes and clear acrylic window glazing. All parts fit together but may need light sanding in joints for cosmetic reasons. The model needs painting.

Good model building and painting skills are required.

Assembly instructions for Court House kit

Thank you for buying this Polk County Court House kit. Please take some time to read these instructions before you begin assembling.

This kit is milled in styrene plastic and laser cut acrylic and self-adhesive card stock and is very easy to glue together using Plastruct Plastic Weld. The wall parts are tabbed and slotted for easier assembly.
Take your time to identify all parts, lay them out as on the pictures and clean them for any burrs before you start gluing them together. Pay great attention when you lay out the parts, some parts look similar but vary slightly.
Handle the acrylic parts with care; they are easier breakable than the styrene parts.
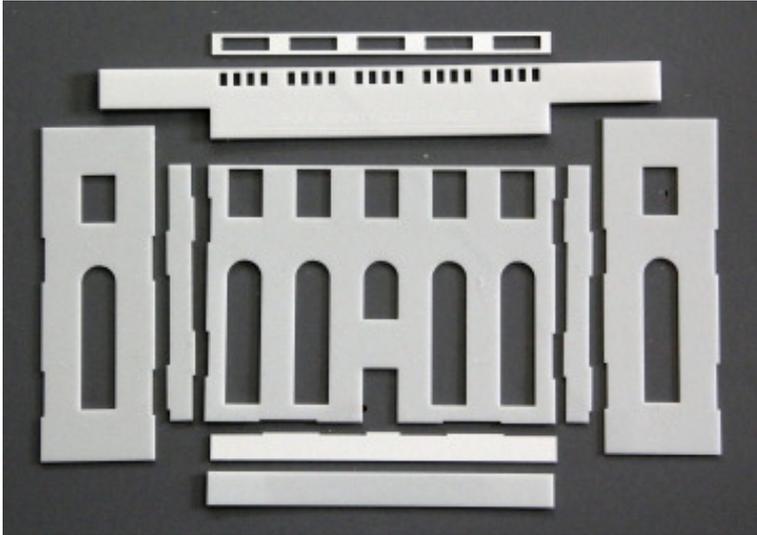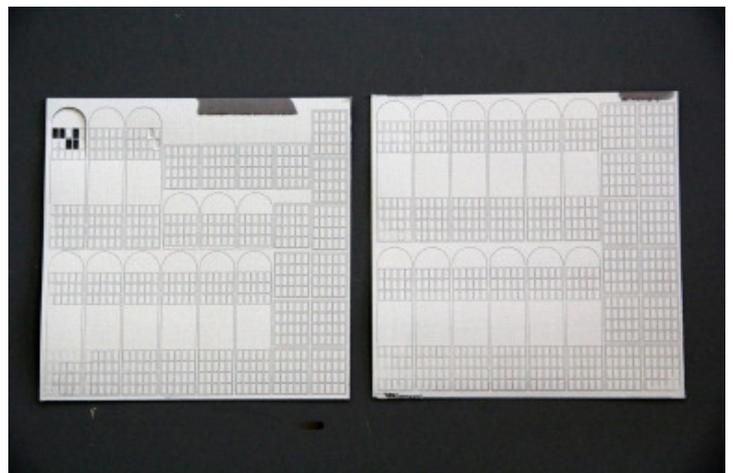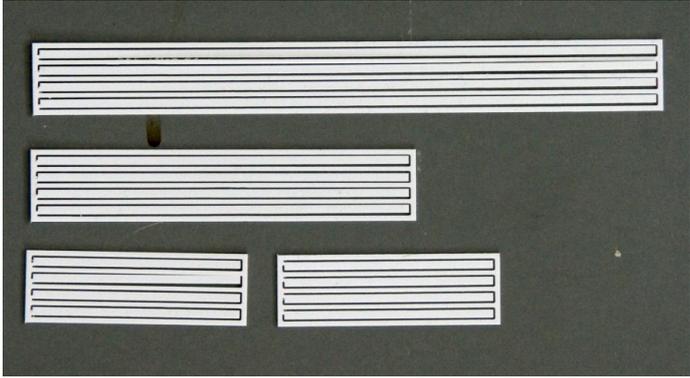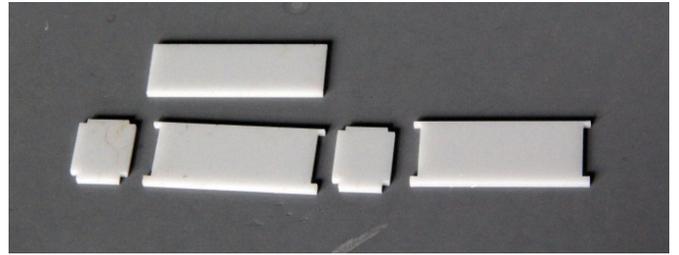

Front and rear walls
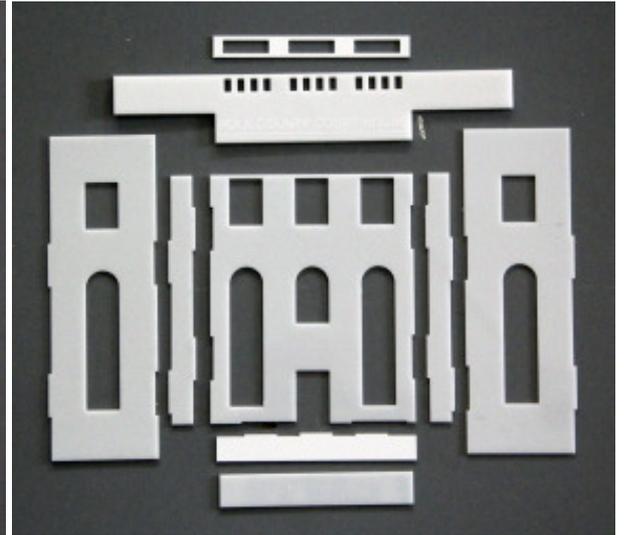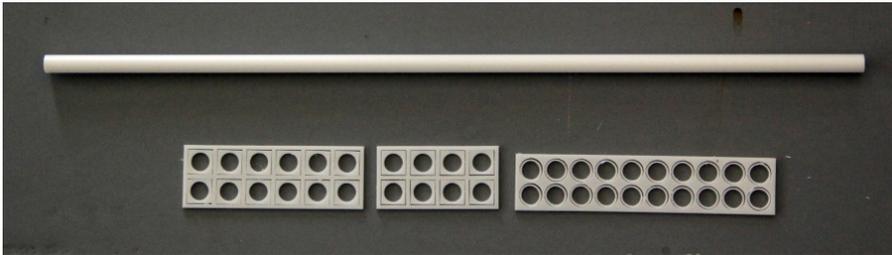

Side walls
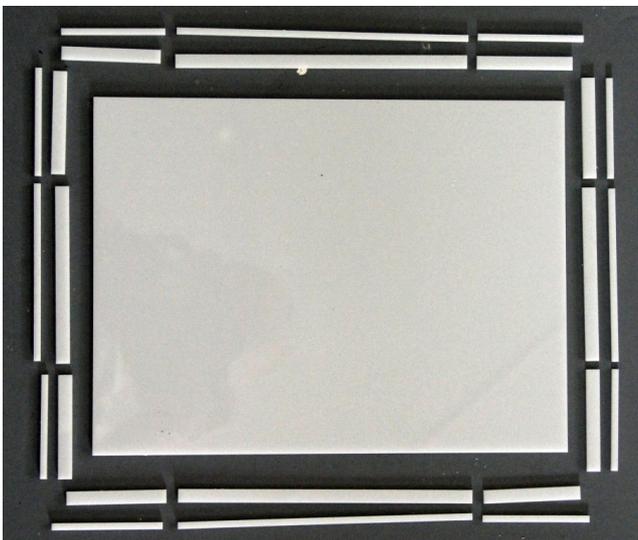
Roof & top trim, 0.120"

Self-adhesive card stock windows

Styrene top trim strips, 0.020"

side walls for stairways, 0.060", 6 sets

7 styrene tubes
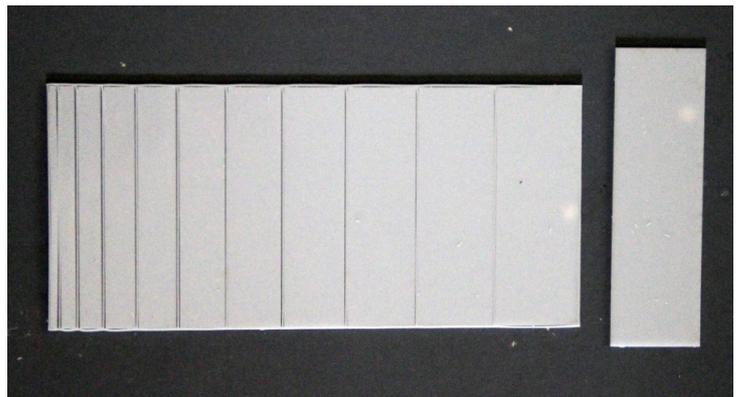
2 sets of the trim rings

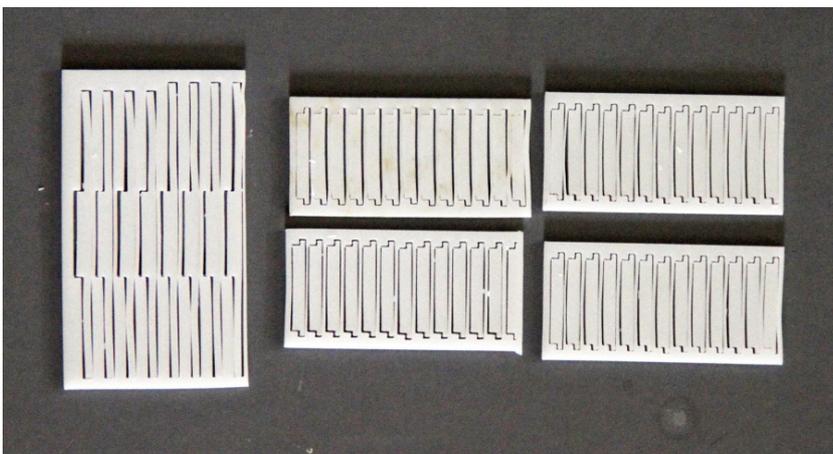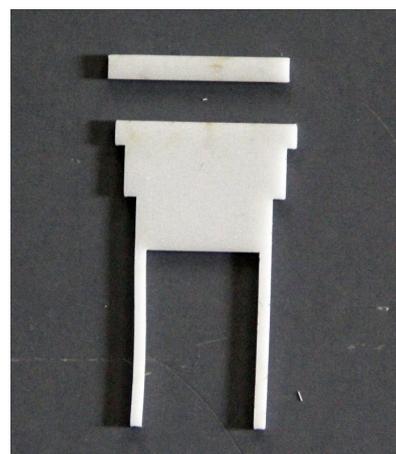Styrene tubing and top & bottom trim rings for columns
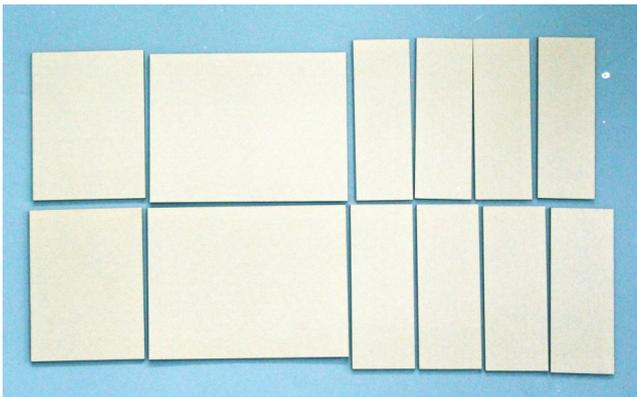
Window glazing

Front steps, 3 sets

Windowsills

Door trim, 3 sets

Assembly:

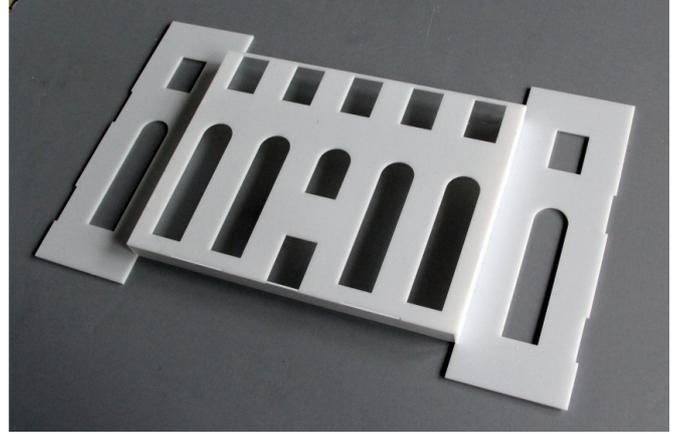Start by assembling the wall sections as shown in the pictures. Please note that on the short wall corners have tabs and the long wall corners have slots. Let the wall sections dry for at least 15 minutes, the glue takes much longer to set on the acrylic parts than on styrene.
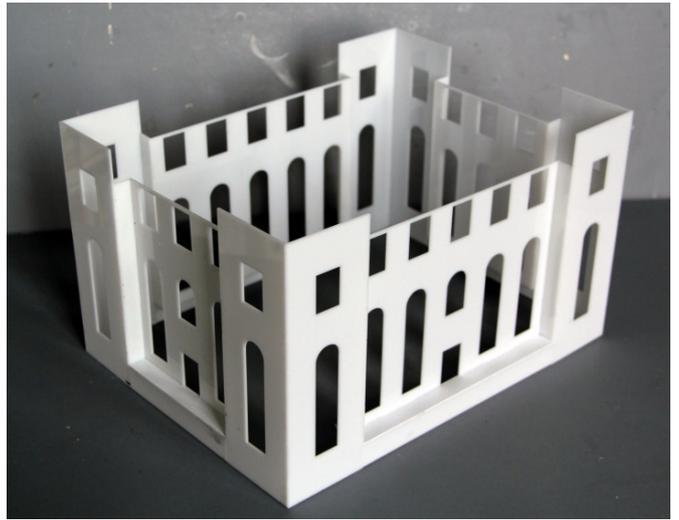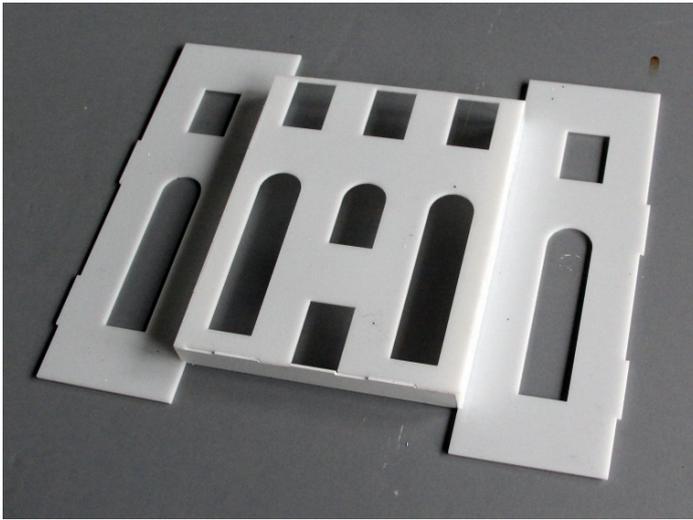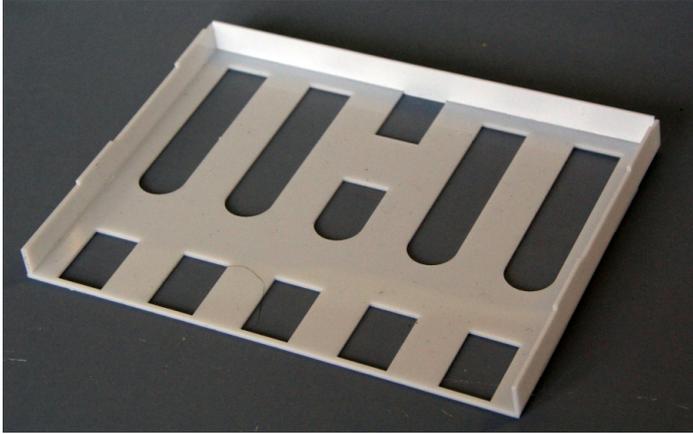
Then glue the walls together and glue on the bottom pieces on all 4 sides.
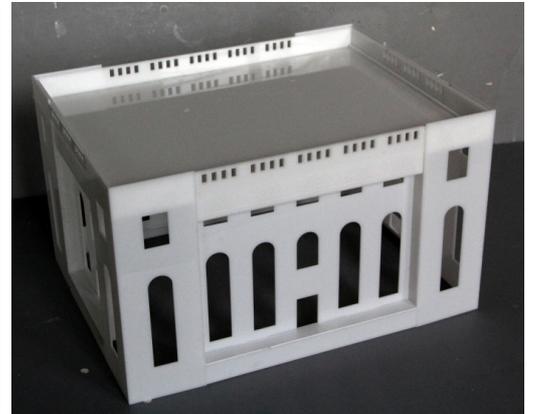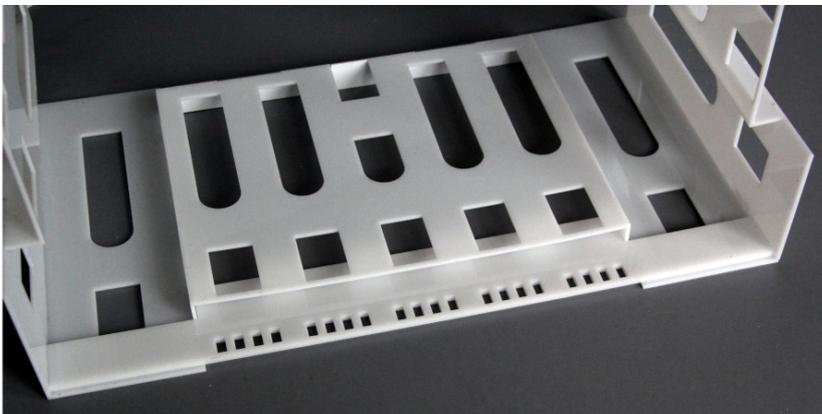
Glue on the top pieces, starting with the long sides, then glue in the roof.

Assemble the top trim for all 4 walls and glue them on as shown.
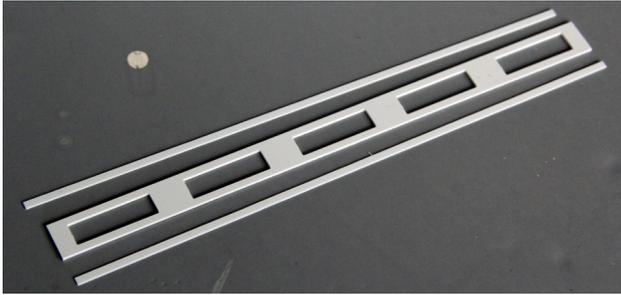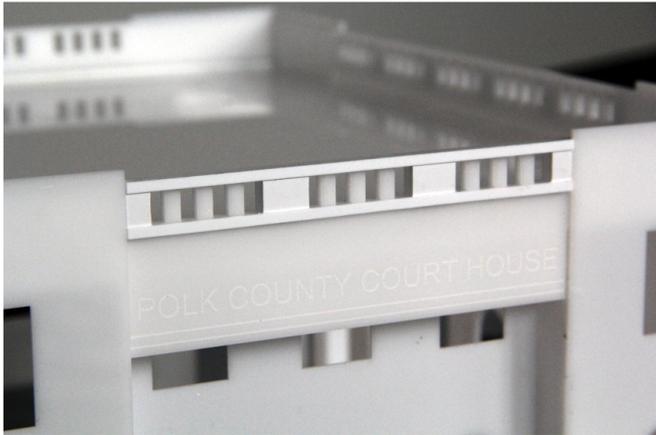

Mount the top trim on the wall as shown. Mount the 8mm (5/16") strips below the trim and on the corner walls.
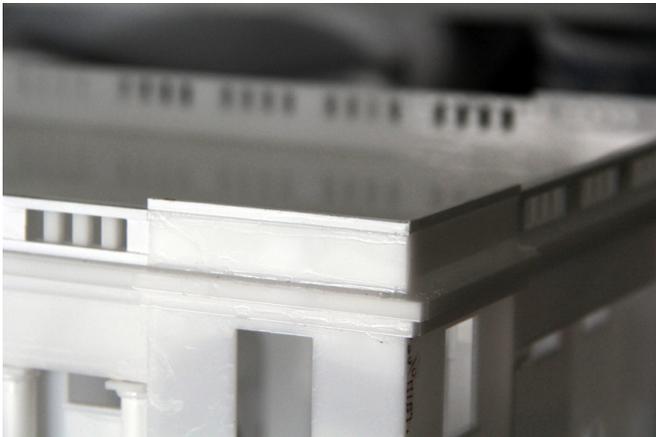
Mount the 4mm (3/16") strips on top of the 8mm strips, aligning the top surfaces. Glue the door trim onto the walls
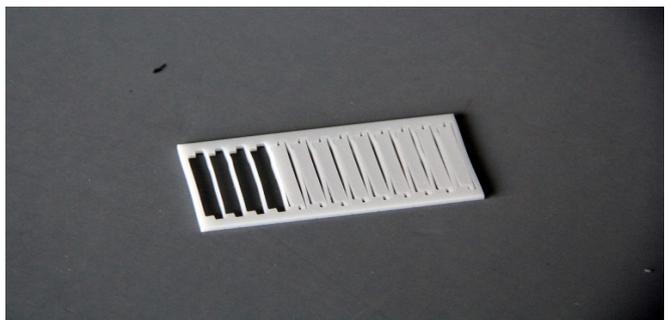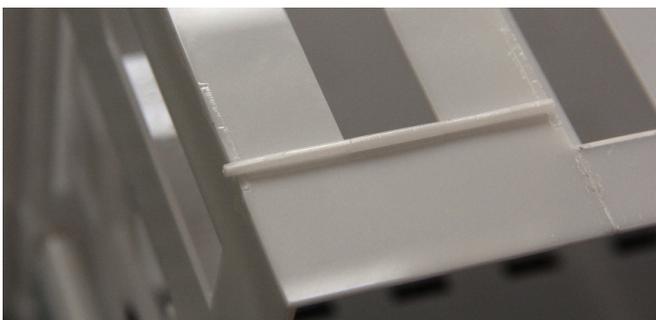
Glue the windowsills in place. The long sills for the front and rear corner walls will overlap the sills on the side walls.
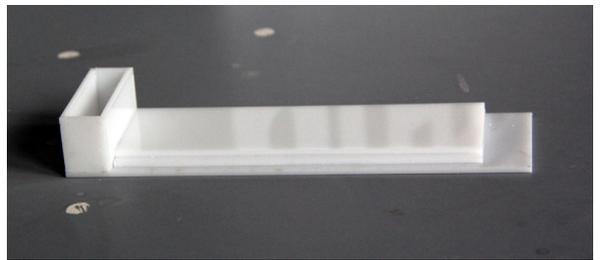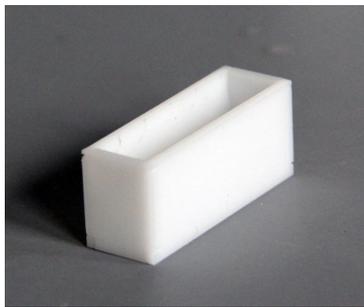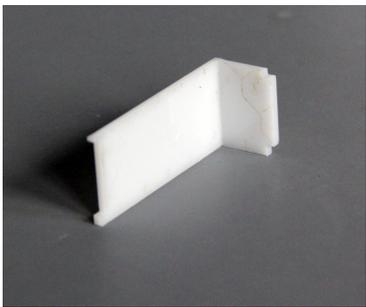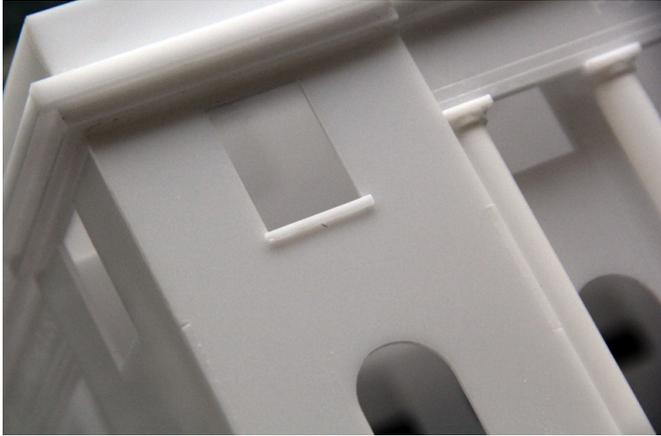
Glue together the end walls for the stairways and mount them on the bottom step as shown, then build on the steps.
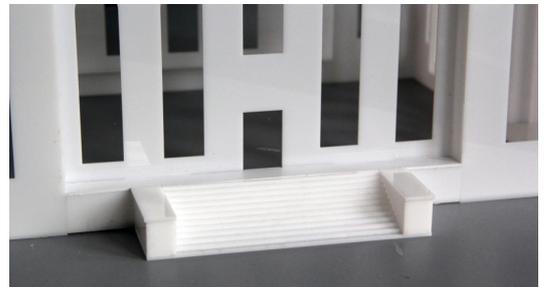
Glue the stairs onto the sides of the building.
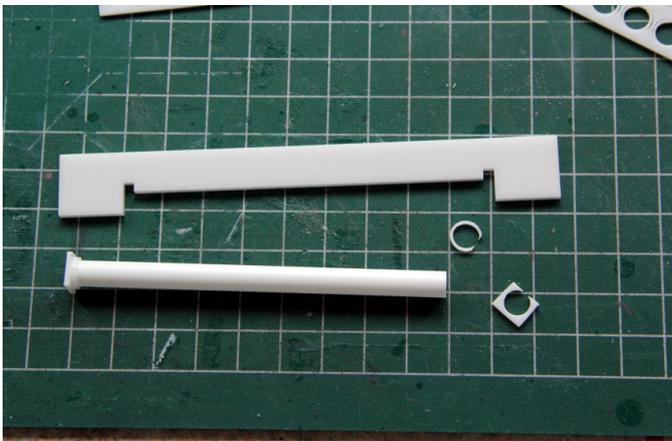
Use the column tool to cut the styrene tubes to the correct length, them use it to place the trim rings and squares and glue them on. The rings and squares with the "flat" side go on the 8 end columns (see picture on the next page).
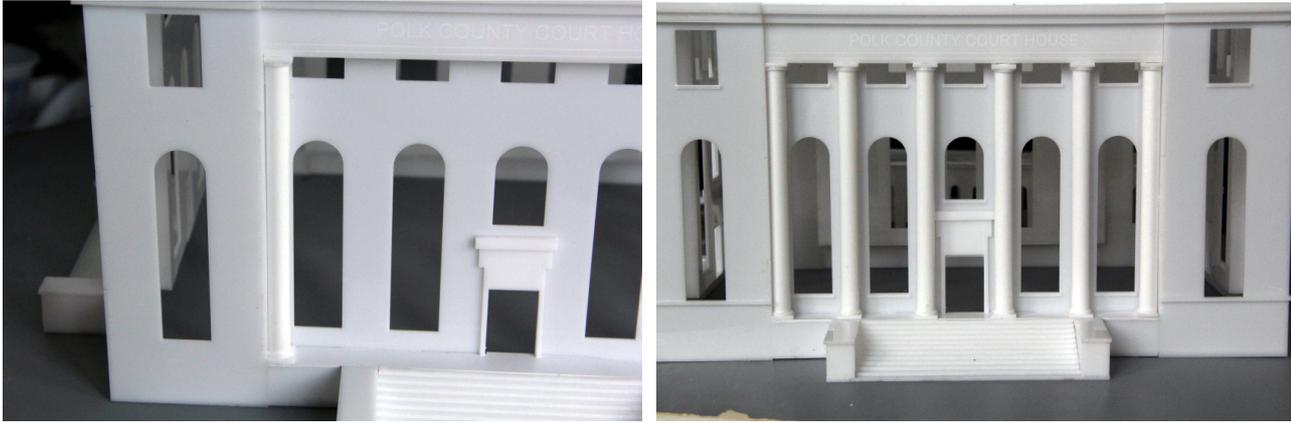
Mount the rest of the columns as shown.
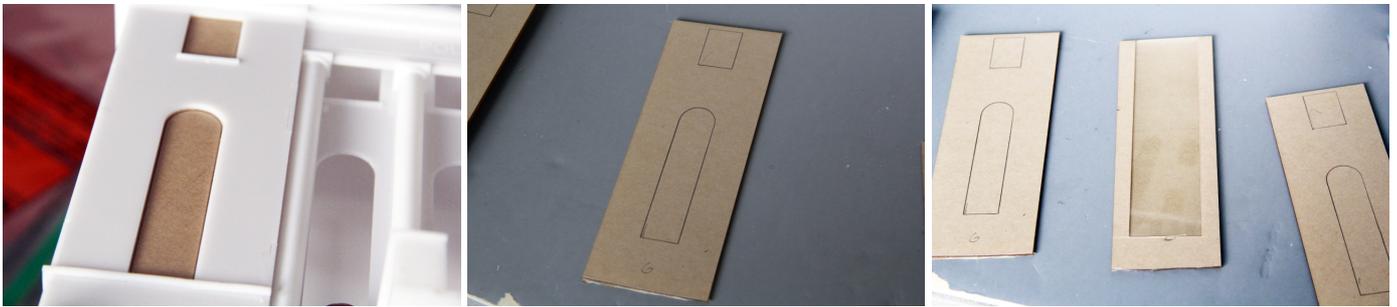
Hold the clear acrylic window glazing in place and mark the openings with a pencil, the cut away the protective paper as shown and paint it flat black.

Cover all the window openings from the inside and spray the complete building a solid coat of gray primer. When dry, paint all the white areas: top trim, top of walls, columns, windowsills and stairs. Leave it to dry for a day or two before you mask the backside of the columns. It is easiest to carefully brush paint the walls behind the columns and around the windowsills. I used Humbrol paint because it is designed for brush painting and very easy to use.
Airbrush or spray the window sheet flat white. Paint this with several thin applications so you don't fill up fine laser cut lines.


Fill the engraved letters on the walls using a thin pencil. Then spray the complete building a coat of Testors Dull Cote.

Remove the protective paper from the clear acrylic window glazing and glue them in place, the painted side facing inwards. Let the glue set for several hours, then carefully remove the windows from the backing paper and place them on the glass one by one. Be very careful to position the windows correctly, the adhesive sticks good right away and you

cannot remove the window without breaking it. When removing the windows from the backing paper, you may have to hold the "filling" back with a pointy object.

Finally put the front entry doors in place, this should be a press fit so you do not need to glue it.

Here is the prototype in Livingston, Texas

Enjoy your Court House on your layout.

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#KFC-001 KFC Restaurant

#EX-001 Exxon Gas Station & Store

#SW-001 Subway Restaurant

#WH-001 Waffle House Restaurant

#SC-001 Rural Shamrock Gas Station

#SH-001 Shell Gas Station & Store

#DG-001 Dollar General Store

#LO-001 Lowe's backdrop building

#CVS-001 CVS Pharmacy

#FS-001 Modern City Fire Station

#JL-001 Jiffy Lube

#ML-001 Strip Mall backdrop #1

#ML-002 Strip Mall backdrop #2

Mall complex

#ML-003   Office Depot backdrop

#ML-005   Pier 1 Imports backdrop

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