

Lighthouse Cutout Series: Barnegat, NJ



Supplies Needed:

- Fast drying glue (such as Aleene's Tacky® Glue)
- Scissors
- X-Acto® knife or any sharp cutting tool
- Cutting mat or cutting board
- 2-4 sheets of 8 ½ X 11" white cardstock (65-67 lb)
- Bulletin board pin with a round white ball head
- Approximately 9" of red craft string

Optional Supplies:

- Various paper clips
- Regular copy paper to print instructions
- Tape to secure tabs

General Tips

1. To avoid frustration, use a good quality, fast drying glue.
2. Cut just inside the solid line for a cleaner looking finished product.
3. Unless directed differently, score all dotted lines before folding. To score a straight line, line up a ruler then run a dull butter knife or spoon handle over the dotted line. Fold gently. (If you use scissor tips be extra careful.)
4. If the model isn't fitting together easily for any reason, leave the project and return to it after a rest period.
5. Paper clips can make handy clamps to hold pieces in place while glue dries.
6. Pencils and rulers can be finger extenders when you can't reach to secure a tab.
7. Slot, Section and Tab letters mate together during construction. Connect them when told to do so in the instructions.
8. Since cutting out the piece may remove the Slot, Section or Tab name, consider using a pencil to lightly note the name on the back of the piece.
9. Some modelers prefer to cut straight lines with a straight edge (ruler) and X-Acto®. Others prefer scissors or a paper cutter. Feel free to use what works for you.
10. A word on pointed triangular tabs versus flat topped trapezoid shaped tabs: some like a sharp pointed tab to slide into a slot. Others feel the point curls too easily and prefer a trapezoid or flat topped tab. Simply snip off the point if you find it easier.
11. The instructions generally call for cutting out the piece then using the X-Acto® knife to cut the slots. Some modelers prefer to cut the slots before cutting out the piece. Do what you find easier.
12. Have Fun!

Instructions:

This **easy** 4 page kit will allow you to construct a model of New Jersey's Barnegat Lighthouse. The actual lighthouse stands 169 feet tall and the completed model will stand about 10.5 inches tall.

Gather all supplies and read the General Tips on page 1. Using a color printer placed on the "Actual Size" setting (rather than "Fit" or "Shrink Oversized Pages" setting), print pages 3-4 on white cardstock. The construction steps are on pages 1-2 of this kit and you may print them on copy paper, cardstock, or follow on your screen without printing.

□ Step 1

Cut out the **Tower Piece** on page 3 as well as the T shape slots at the bottom of the piece. Carefully score the dotted lines to form two Tab B 'doors.' Curl the **Tower Piece** by holding it in your hand and gluing Tab A behind Section A.

Cut a 4 ½" piece of red string. Run a very thin thread of glue along the dotted line below the four small round windows around the top of the tower and glue the piece of red string here. Cut off excess string. Set aside to dry.

□ Step 2

Cut out the **Railing Piece** and **Inside Railing Piece** from page 4. Score and fold the dotted gray lines on the **Railing Piece**.

Glue Tab G behind the last railing panel so that the piece forms an octagonal railing. Fold the **Railing Piece** triangle tabs inside to form a sort of cup or bowl shape. Place the red **Inside Railing Piece** inside the **Railing Piece**, forming a floor of the cup. Use glue or tape to secure. Set aside to dry.

□ Step 3

Cut out the **Lantern Room Piece** from page 4 by cutting just inside the dark black lines. (The thick gray lines are guidelines and the thin gray lines help depict the lantern room window panes.)

Cut out the **Tower Roof Piece** including the slot. Form the **Tower Roof Piece** into a slight cone by overlapping the slot edge to the gray guideline and glue.

Curl the **Lantern Room Piece** around your finger then glue Tab C behind to form a cylinder. The gray line of Tab C should now be hidden. Gently press this piece's

triangle tabs in and press the red square tabs out, forming a 90° angle.

Apply a small dab of glue to the triangle tabs and affix the **Tower Roof Piece** to the top of the **Lantern Room Piece**.

Cut a 4" length of red string. Run a thin thread of glue along the gray guideline separating the white section and red section of the **Lantern Room** and apply the red string. Trim string. Set aside to dry.

□ Step 4

Cut out the **Bottom Railing Piece** from page 4 then cut the Slots E with an X-Acto® knife. Retrieve the **Tower Piece** and insert Tabs E into Slots E. Gently pull the tabs until the **Bottom Railing Piece** is flush against the tower. When the **Bottom Railing Piece** is exactly centered on top of the tower, glue or tape the Tabs flat.

Retrieve the **Railing Piece** and glue it on top of the **Bottom Railing Piece** so that the octagonal sides line up exactly. Pinch the seams so they are flush.

□ Step 5

Retrieve the **Lantern Room/Roof Piece**. Place a small dab of glue on the underside of both small red square tabs, then center this piece onto the top of the tower, making sure to look at it from 3 or 4 views before letting the glue set. (HINT: an opened paperclip can help tap down the gluey tabs in this tight space.) Poke the white bulletin board pin into the top of the roof!

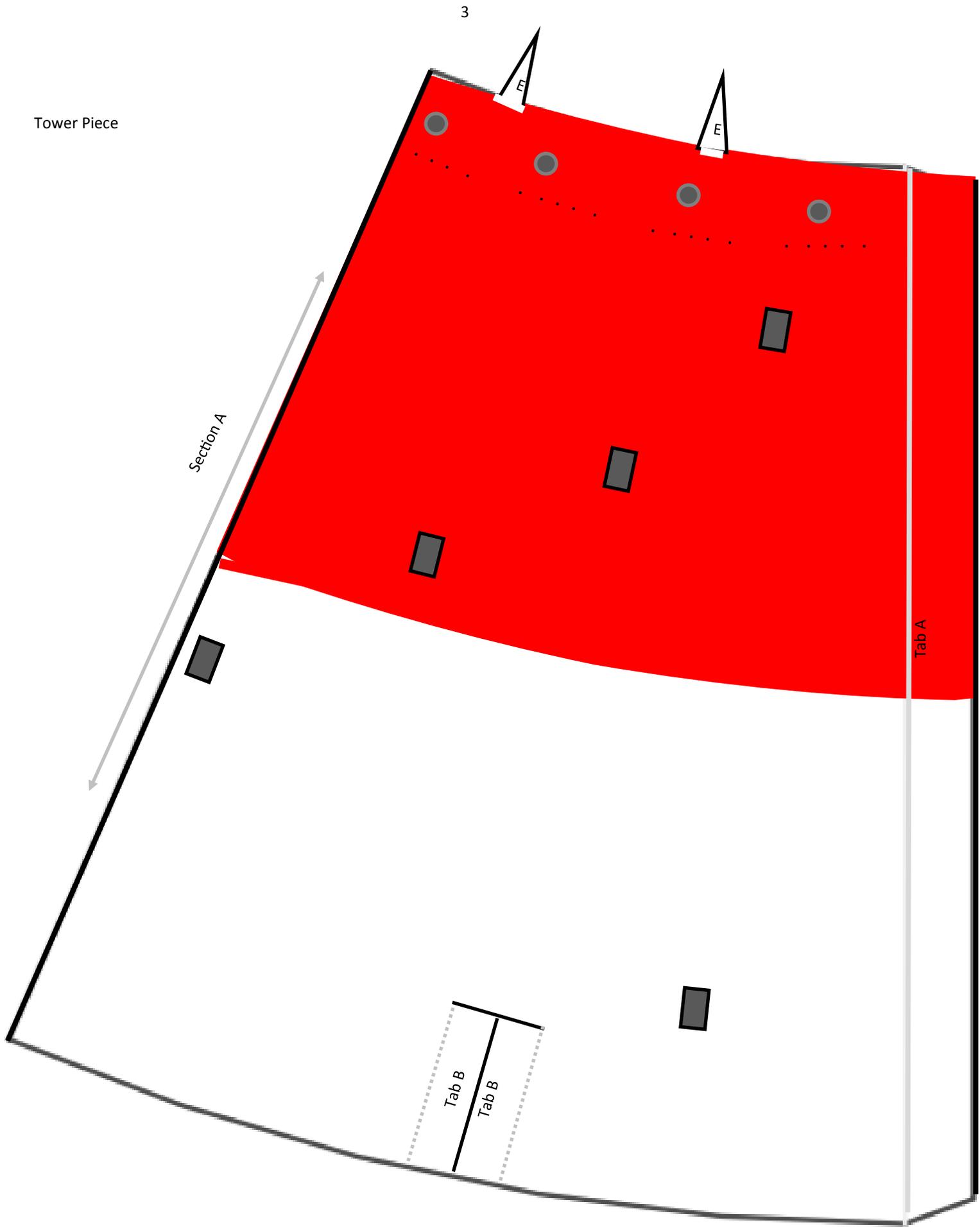
□ Step 6

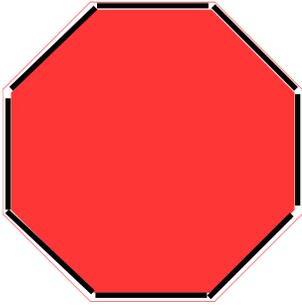
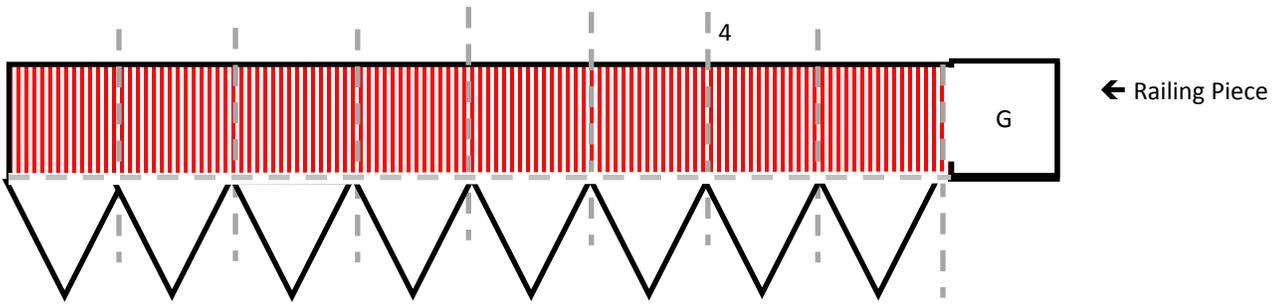
It is now time to build the tower entryway. Cut the **Entryway Piece** and **Entryway Roof Piece** from page 4. Score both pieces on the dotted gray lines. Fold all sections in. Place glue on the Tabs B of the **Tower Piece** and glue or tape these tabs flush against the inside of the **Entryway Piece** taking care that the **Entryway Piece** and **Tower Piece** both sit flat on the workspace. Line up the roof so that the slightly beveled side will face the tower. Trim Tabs D if necessary. Glue in place by fixing Tabs D to the underside of the **Entryway Roof Piece**. Take care that this upper roof line is parallel to the workspace.

□ Step 7

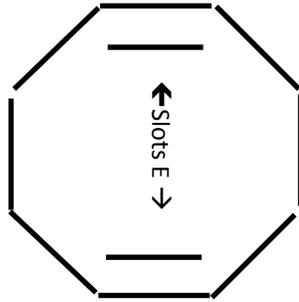
Add your initials and the date to the **Tag Piece** from page 4. Glue this to the inside of the model's tower, or a location of your choice.

Display in a prominent location!

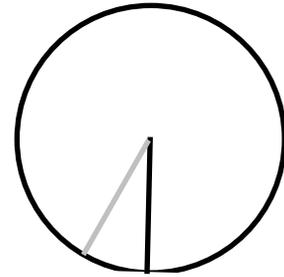




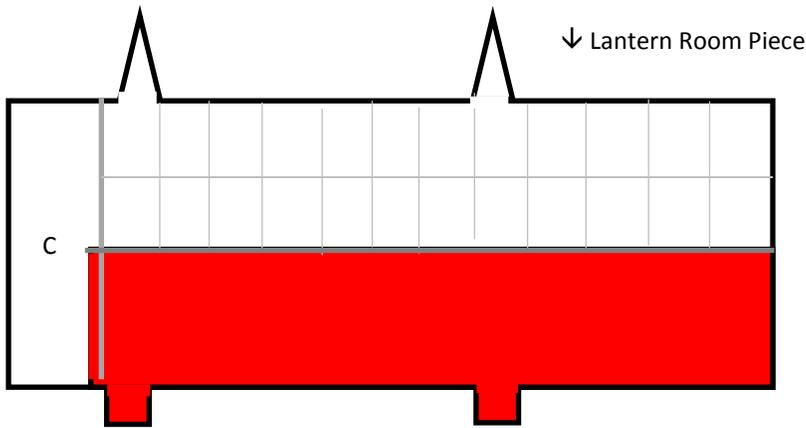
↑ Inside Railing Piece



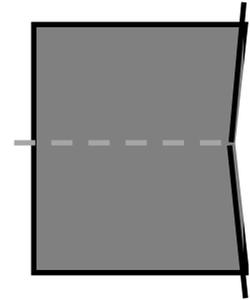
↑ Bottom Railing Piece



↑ Tower Roof Piece



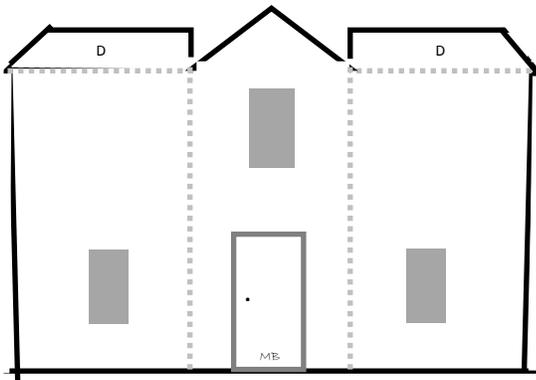
↓ Entryway Roof Piece



Tag → Barnegat Lighthouse, NJ
 Piece _____ / / _____

↑
add
your
initials
here

↑
add
the
date
here



← Entryway Piece

I received magnificent help for this project from my editor, Shirley Splittstoesser and photographer, Allan W. Blunt.