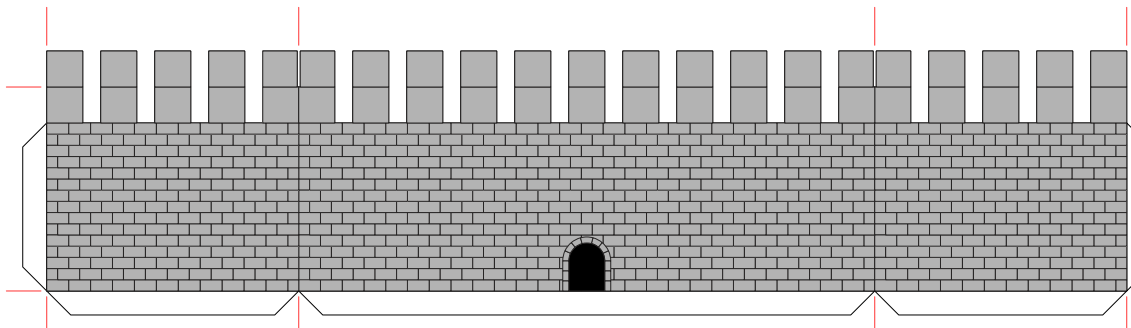
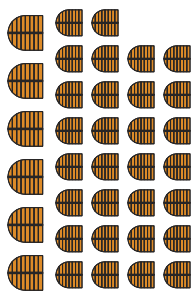
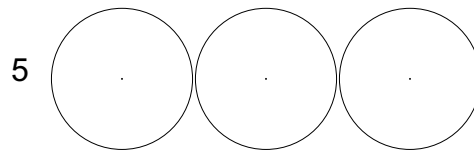
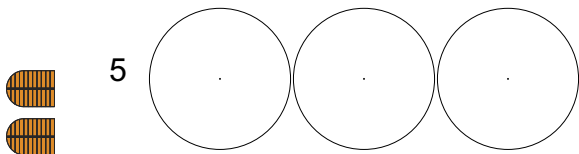
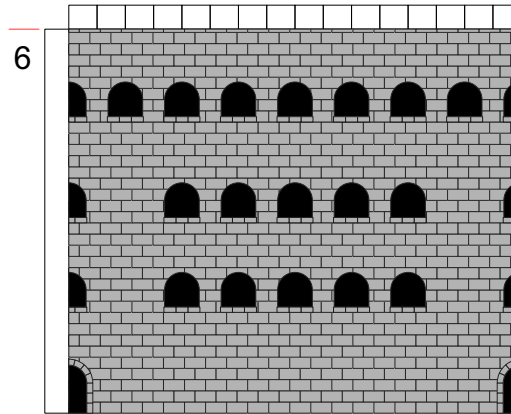
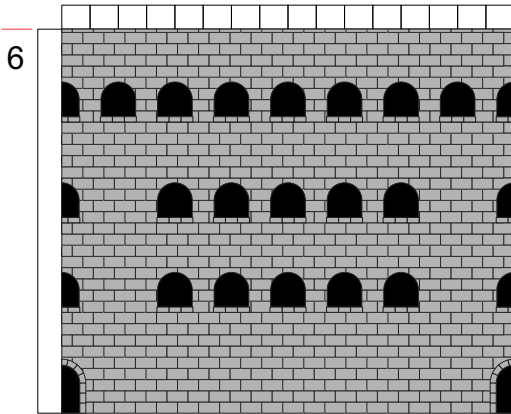
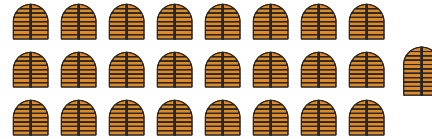
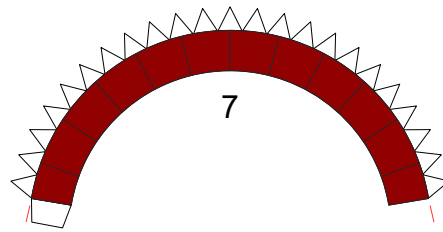
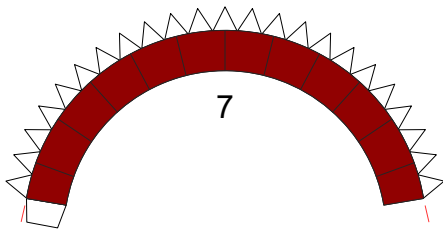
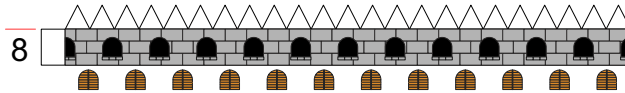
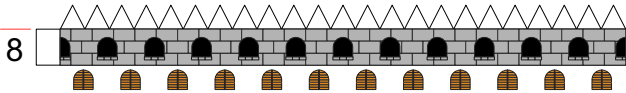
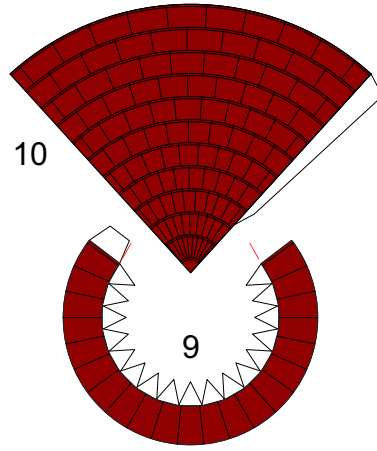
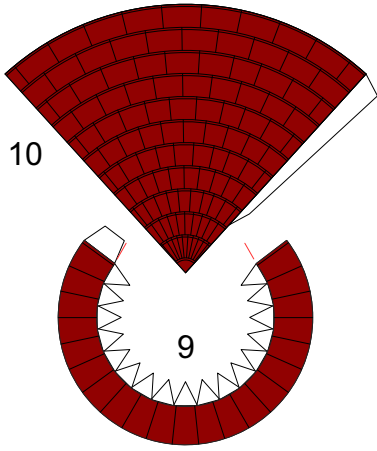


7.5 in (190.5 mm)

10 in (254 mm)

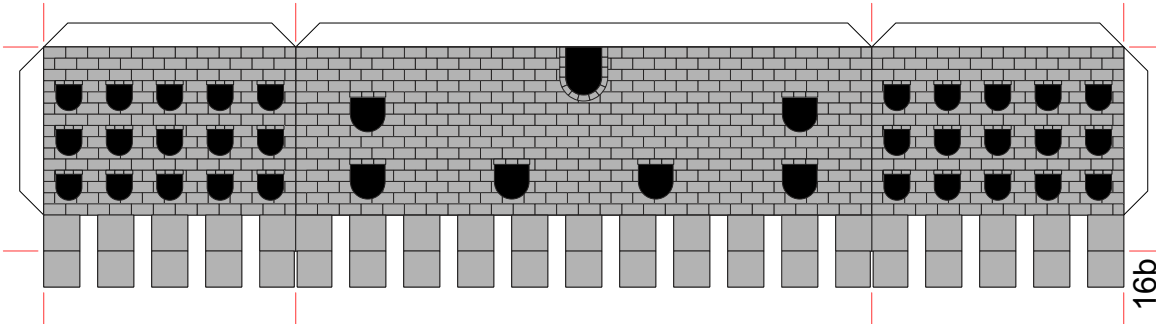
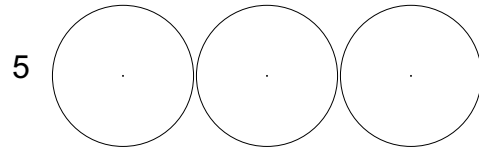
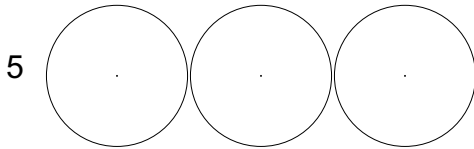
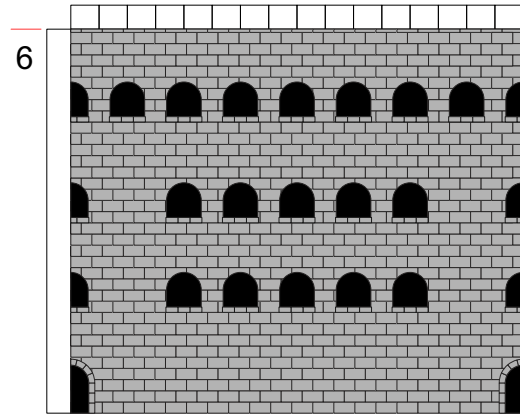
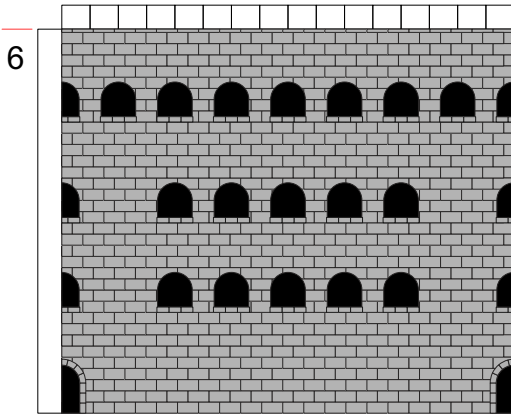
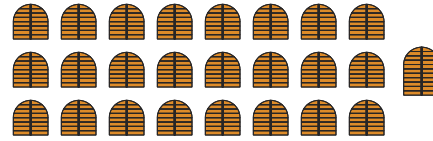
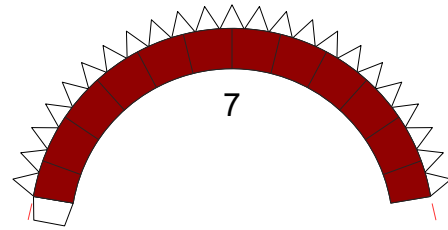
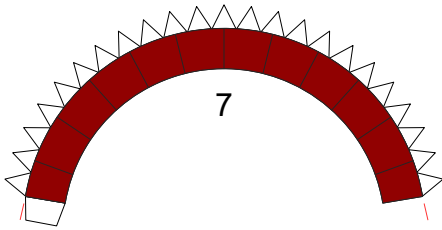
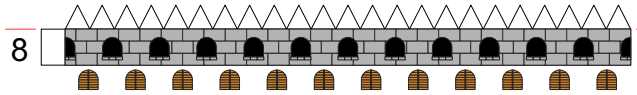
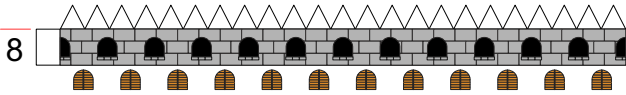
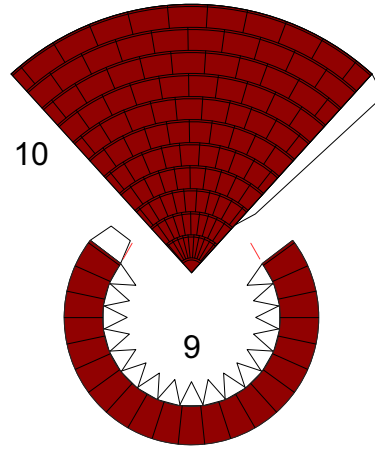
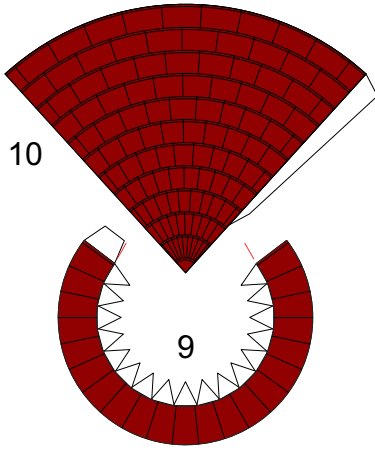


16a

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7.5 in (190.5 mm)

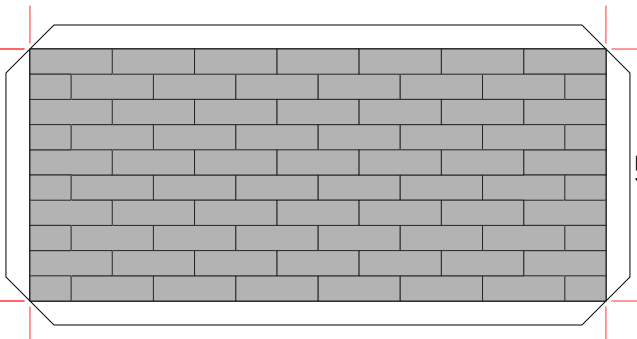
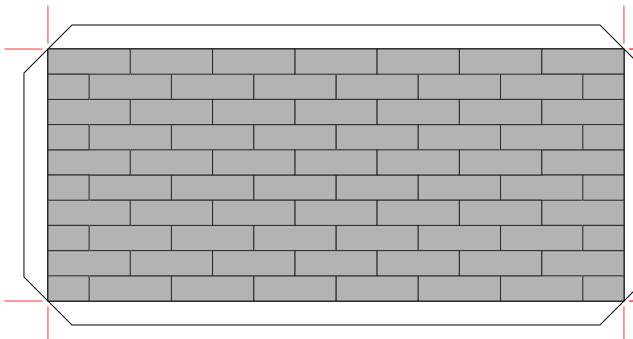
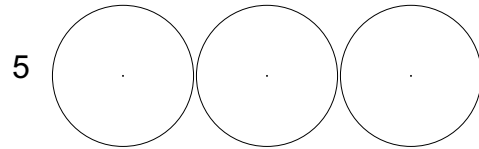
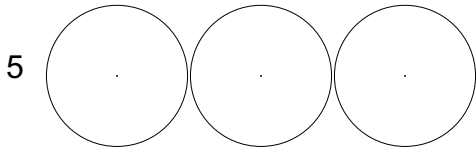
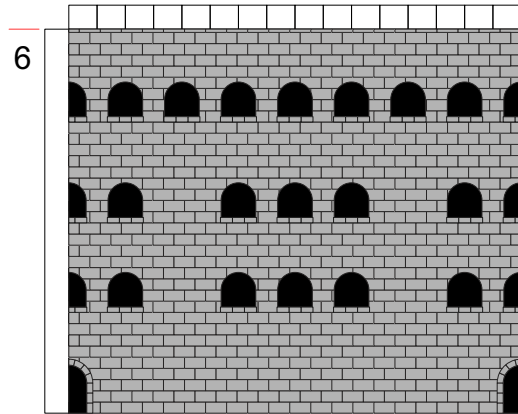
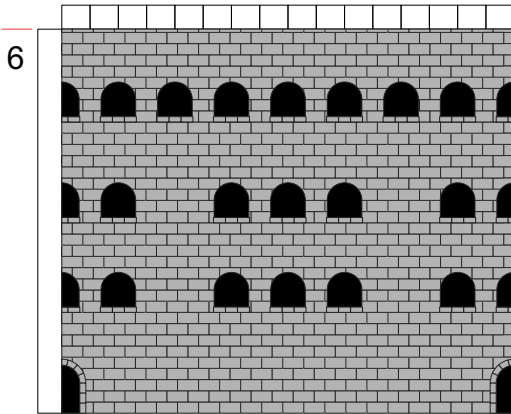
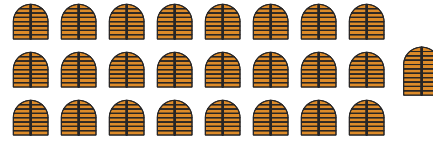
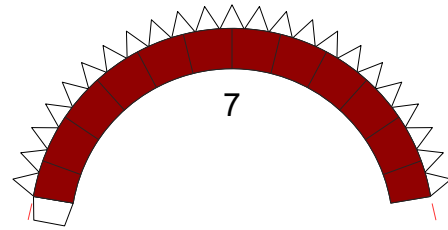
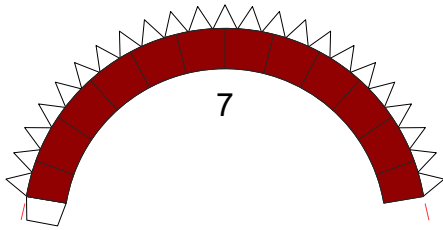
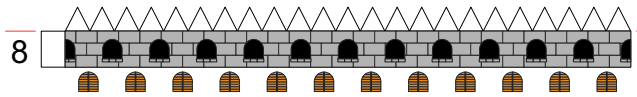
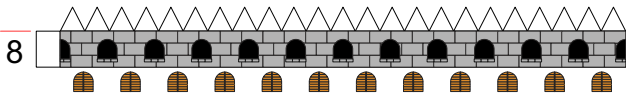
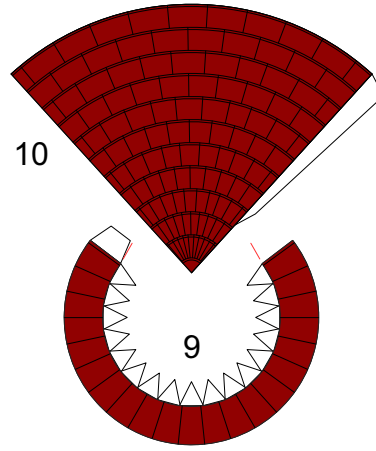
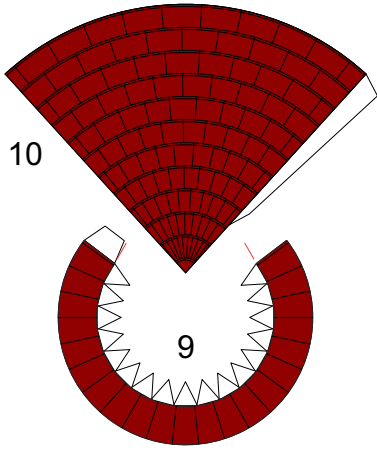
10 in (254 mm)

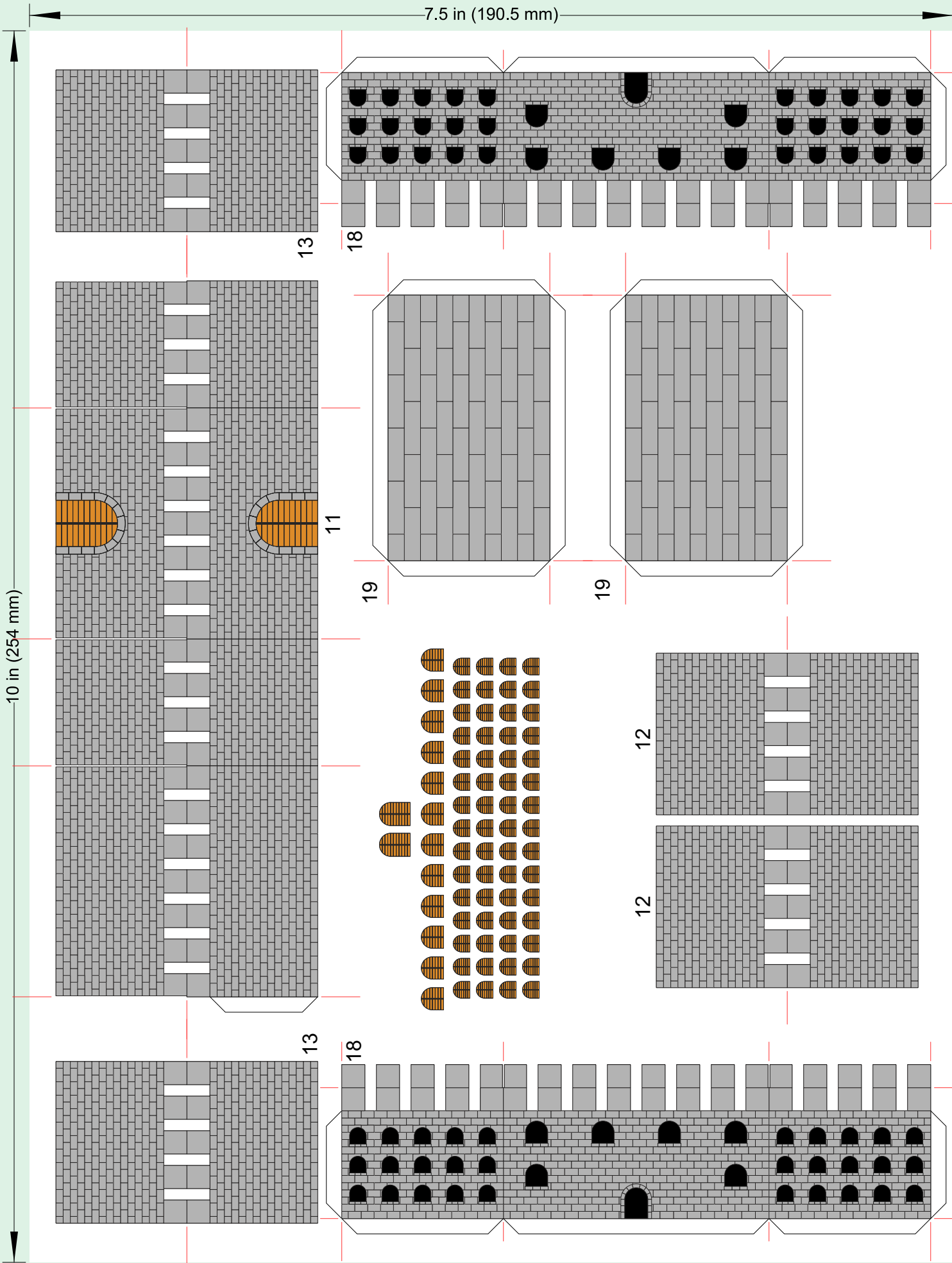


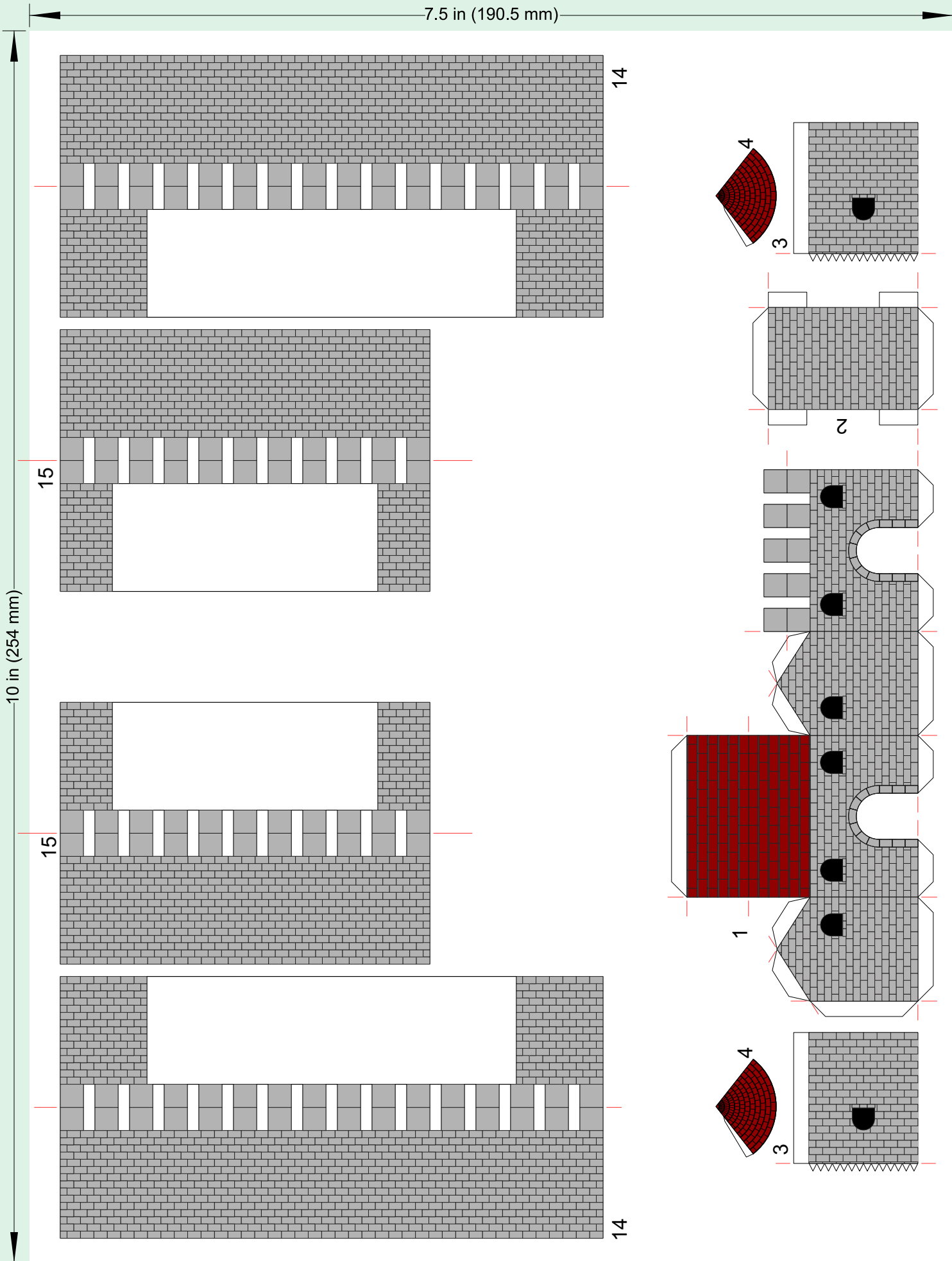
This model designed and copyright © 2009 by Mike Hungerford. E-mail: hungerford.mike@gmail.com; Web: <http://users.sdccu.net/chthuihu2/models.html>

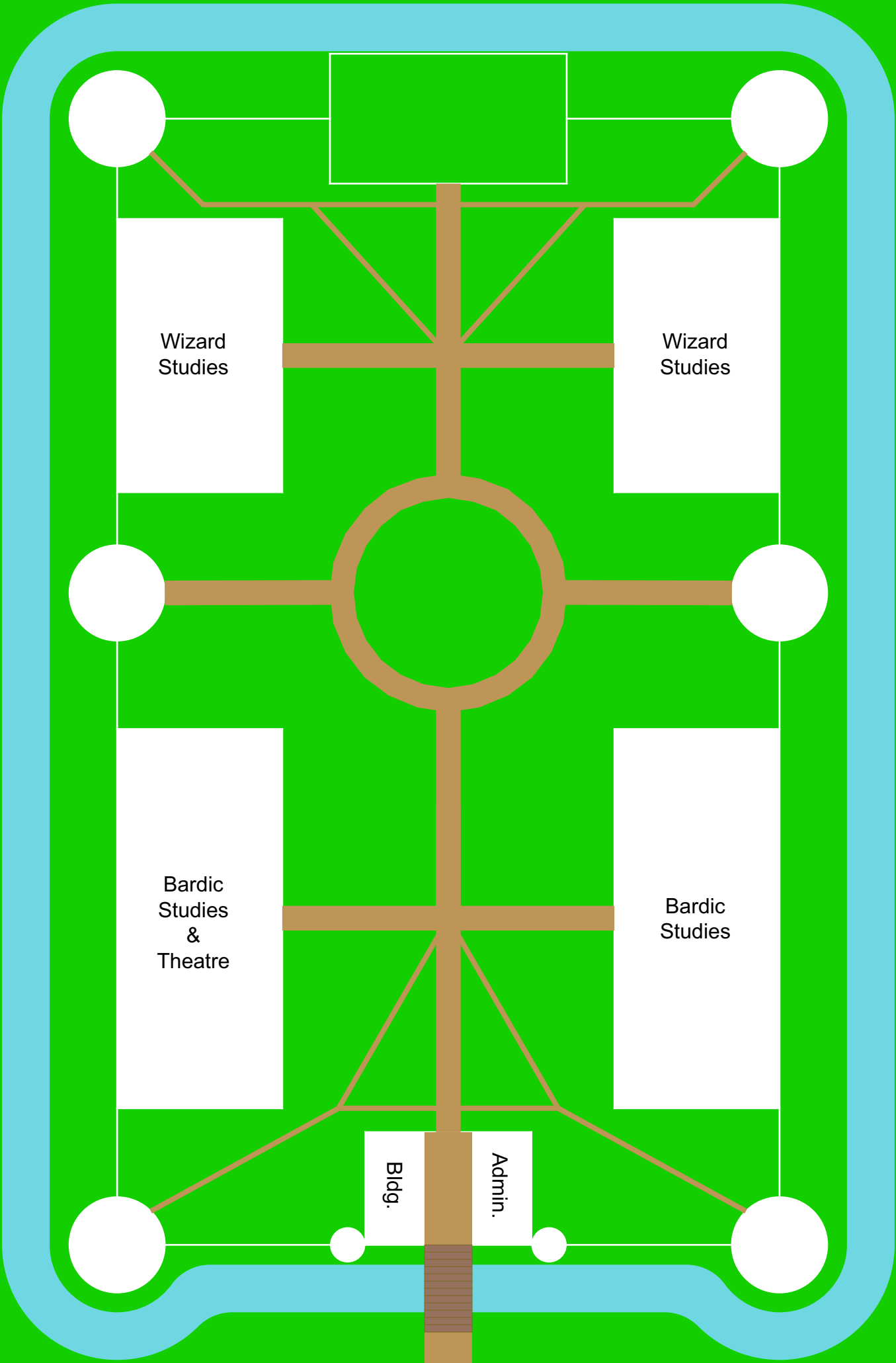
7.5 in (190.5 mm)

10 in (254 mm)









Wizard Studies

Wizard Studies

Bardic Studies & Theatre

Bardic Studies

Bldg.

Admin.

“Bardsworth University”

A paper model designed and copyright 2009 by Mike Hungerford, based upon the Web comic, “Bardsworth” created by Peter Tarkulich. The name “Bardsworth” and the design of the University are the intellectual property of Peter Tarkulich and are used with his permission.

Please read ALL of these instructions before beginning.

Print your model on moderately heavy paper; regular 20-24 lb. printer paper is too thin. The model was designed for Wausau Exact Index 90 lb. card stock, but should build well on any equivalent card stock of about 0.008 inch thickness.

The parts pages are designed so that they will print on US Letter or ISO A4 standard paper sizes without any of the parts being cut off, though some of the page border may be lost if your printer doesn't print all the way to the edges. Make sure that page scaling is turned OFF and page centering is turned ON for best results.

After printing, I recommend gluing the Ground Plan page onto heavier card stock, cereal box cardboard, or foam core board to make it flat and rigid. This will make assembly of the model easier in the long run.

Common white PVA glue (Elmer's Glue-All or Aleene's Tacky Glue) is recommended. Use glue sparingly, and apply it in a thin smear with a scrap of card stock or a toothpick. Too much glue will weaken the paper and take a lot longer to set.

Refer to the diagram on page 3 for help in placing parts.

Begin assembly with the Administration Building, parts 1 and 2:

Score the parts where indicated by short red lines, then cut the parts out. Be sure to cut out the spaces between the crenellations of the outer face. Apply glue to the backs of the crenellations on part 1 and fold them double with the printed side out. Fold all the tabs on each part away from the printed side. Roll the middle of part 2 (with the printed side inward) around a dowel, knitting needle, or whatever you can find to form the vaulted top of the entrance tunnel. Glue the rectangular tabs at one end of the tunnel to the unprinted side of part 1 so that it aligns with the inside doorway. Let the glue dry, then fold in the end walls and roof, gluing the roof to the four tabs on the tops of the end walls. Fold the outer wall around and glue it to the tab on the end wall and the tab on the roof edge; the roof edge should fit up against the bottom of the crenellations. Carefully glue the remaining two rectangular tabs on the tunnel to the back side of the outer wall, aligning the tunnel with the outside doorway. Let the glue dry, then glue the Administration Building onto the Ground Plan where indicated.

Assemble the two Small Towers next, parts 3 and 4:

Score parts 3 where indicated by short red lines. Roll each part 3 into a cylinder and glue at the long tabs. Gently bend the small tabs inward a little bit. Form parts 4 into cones and glue at the tabs. Apply glue to the insides of each part 4, align the seam with the seam on part 3, and fit it over the tabs on a part 3. Make sure all the tabs are hidden inside each cone. Glue each Small Tower to the Ground Plan where indicated, also gluing each to a corner of the Administration Building; make sure each Small Tower's window is facing outward!

Next assemble the Large Towers, parts 5 through 10:

Note: Always align the parts' seams when assembling!

Cut out three parts 5 and glue them into a stack of three layers. Make sure you cut them with care to be near-perfect circles, and keep them aligned while gluing. Score the tabs on a part 6, roll it into a cylinder, and glue at the long tabs. Gently bend the small tabs at the top outward a little bit. Carefully insert the stack of three parts 5 into the untabbed end of part 6 and glue in place at the bottom. Make sure it sits flush with the edge of part 6! Score and cut part 7, then form it into a shroud with the printed side out. Place part 7 on your work surface with the small end down. Set the part 5+6 assembly into part 7, then slide part 7 up around part 6 until it rests against the tabs. Rotate part 7 until its seam aligns with the seam of part 6, then glue all the tabs of part 6 to the inside of part 7. Gently bend the tabs of part 7 inward until they stand straight up, then inward a bit more. Score and cut out part 8. Roll part 8 into a ring and glue at the end tab; gently fold the top tabs inward a bit. Score and cut out part 9. Form part 9 into a shroud and glue at the end tab; gently fold the top tabs outward a bit. Place part 8 flat on your work surface with the tabs pointing up. Apply glue to the inside of part 9 and fit it over the tabs on part 8. Press the tabs from the inside, making sure all the tabs are hidden inside part 9. Cut out part 10; form it into a cone and glue at the tab. Apply glue to the inside of part 10 and fit it over the tabs on part 9. Press the tabs from the inside, making sure all the tabs are hidden inside part 10. Apply glue to the inside of part 8 and fit it over the tabs on part 7, making sure all the tabs are hidden inside part 8.

Repeat for five more Large Towers.

Glue each Large Tower to one of the white circles on the Ground Plan:

Note that four of the towers (on parts pages 1 and 2) are designed to fit the corner circles, and two (on parts page 3) are designed to fit the side circles; each type is missing windows where the walls will touch the towers. Make sure you put the correct towers in each location, and that each tower's door aligns with the end of its brown pathway!

Assemble the Garden Wall next, part 11:

Score where indicated and cut the part out. Be sure to cut out the spaces between the crenellations, and the three narrow slots between the four wall sections. Starting with the wall section with the glue tab, fold the inner wall section over flat against the back of its corresponding outer wall section, and glue it solidly flat. Repeat this process for the two middle wall sections, but not the one at the other end! Fold the

four wall sections around until the glue tab meets the last section, and glue the tab to the inside of the last section's outer wall. Lastly, fold the remaining inner wall section flat against the inside of its outer wall and glue it solidly flat, covering the glue tab. Glue the Garden Wall to the Ground Plan where indicated by a thin white outline, making sure that the door is toward the inside and aligned with the brown pathway.

Assemble the Outer Walls, parts 12 through 15, two each:

All the walls assemble in the same manner as a section of the Garden Wall. Score where indicated and cut the parts out, but keep track of their part numbers! Be sure to cut out the spaces between the crenellations. Fold each inner wall section over flat against the back of its corresponding outer wall section, and glue it solidly flat.

Optional: for thicker walls, separate the halves of each wall section at the fold lines and glue each half to either side of a piece of heavy cardboard or foam core. At the designed scale of the model, 1/16 to 1/8 inch thick is about right.

When you finish the walls, lay them out on the Ground Plan as follows but do not glue them in place yet!

Parts 12 are the Front Walls adjacent to the Small Towers.

Parts 13 are the Rear Walls adjacent to the Garden Wall.

Parts 14 are the Left-front and Right-front walls next to the Bardic Studies buildings.

Parts 15 are the Left-rear and Right-rear walls next to the Wizardly Studies buildings.

Test fit each part 12 between a Small Tower and Large Tower; walls should just fit between the Small Towers and Large Towers. Trim the edges of the parts if necessary to make them fit properly, then glue them into place at the bottom and against the Towers.

Test fit each part 13 between a Large Tower and the Garden Wall; trim the edges of the parts if necessary to make them fit properly, then glue them into place at the bottom and against the Towers and Garden Wall.

Test fit parts 14 and 15 between their respective Large Towers; trim as needed to make them fit properly, but do not glue them in place yet!

Now we assemble the Bardic Studies buildings, parts 16a, 16b, and 17:

Score where indicated and cut the parts out. Be sure to cut out the spaces between the crenellations, and the two narrow slots between corner crenellations, on parts 16a and 16b. Apply glue to the backs of the crenellations and fold them double with the printed side out. Bend all the tabs away from the printed side on all four parts. Glue one long tab of one part 17 to the back of part 16a up against the bottom edges of the crenellations. Fold the side walls of part 16a around and glue them to the two short tabs on part 17, again with part 17 up snug against the bottom of the crenellations. Repeat for part 16b and the other part 17. Part 16a+17 is the Bardic Studies and Theatre building; it glues to the white rectangle on a part 14 and then this assembly is glued to the Ground Plan where indicated. Be sure to glue all the bottom tabs to the Ground Plan, and the ends of part 14 to the two Large Towers. Repeat for part 16b+17 and the other part 14.

Finally, we assemble the Wizardly Studies buildings, parts 18 and 19:

Just as with the Bardic Studies buildings, assemble parts 18 and 19, then glue them to the Ground Plan and Large Towers where indicated. These two assemblies are identical, so it doesn't matter which goes one which side.

Optional: you will see a lot of little window shutters and doors on the parts sheets; use these wherever you want a window or door to be closed rather than open.

You're finished! Take a photo or two of your model and send it/them to the designer with your comments: chthulhu@gmail.com or hungerford.mike@gmail.com

Thank you for building this model, and for supporting "Bardsworth!" Please send your comments about the Web comic to Peter Tarkulich at pete@bardsworth.com

