

Welcome, foolish mortal, to The Liberty Square Haunted Mansion Paper Model Kit!

Ray Keim, at Haunted Dimensions, has created this free project solely for entertainment.
It is not to be repackaged or resold.

KEEP IT FREE!

When completed, the model is approximately 10 inches (32.5 cm) high, 12.75 inches (31 cm) wide and 12.25 inches (25.5 cm) deep.

Much time and effort has gone into the creation of this model of the Liberty Square Haunted Mansion. The architectural, and artistic details are extremely accurate, however some artistic license was taken, in order to translate the mansion to paper.

Please note that this project is not recommended for children. It requires a moderate degree of skill, and the use of an X-acto blade, which is extremely dangerous. I HIGHLY recommend wearing protective eyewear when using an X-acto blade! Tips can snap and fly!

When printing the model, be sure that your printer is set to print at 100%. Each sheet has a logo, and page number graphic, which can be compared with other sheets, to ensure that all of your pieces are printed at a uniform size. Color printing is recommended.

There are many pages to print, so be sure you have enough paper and ink! This model was designed to be printed on EPSON Matte Paper Heavyweight. Using plain paper is not recommended.

The files are in .pdf format, so you will need a computer with Adobe Acrobat Reader installed.

I recommend using white glue, and applying it with a toothpick. Don't use too much glue! Needle-nose tweezers are also very useful.

Become acquainted with the various pieces, and **study the directions before you begin**. The text instructions that accompany the illustrations are limited, so you will need a keen eye and a good sense of spatial orientation to assemble the Phantom Manor.

There are many folds in the model, and it is recommended that you score the fold first, using a dull X-acto, or other fine, blunt tipped instrument. Black dashed lines represent a mountain fold (a fold which point upward), and orange dashed lines represent a valley fold (the fold points downward). The orange dashed lines are accompanied by a red "+" at each end. These are to be used as pin guides to poke small holes at the "+", flip the sheet over, and score between the holes for a clean valley fold.

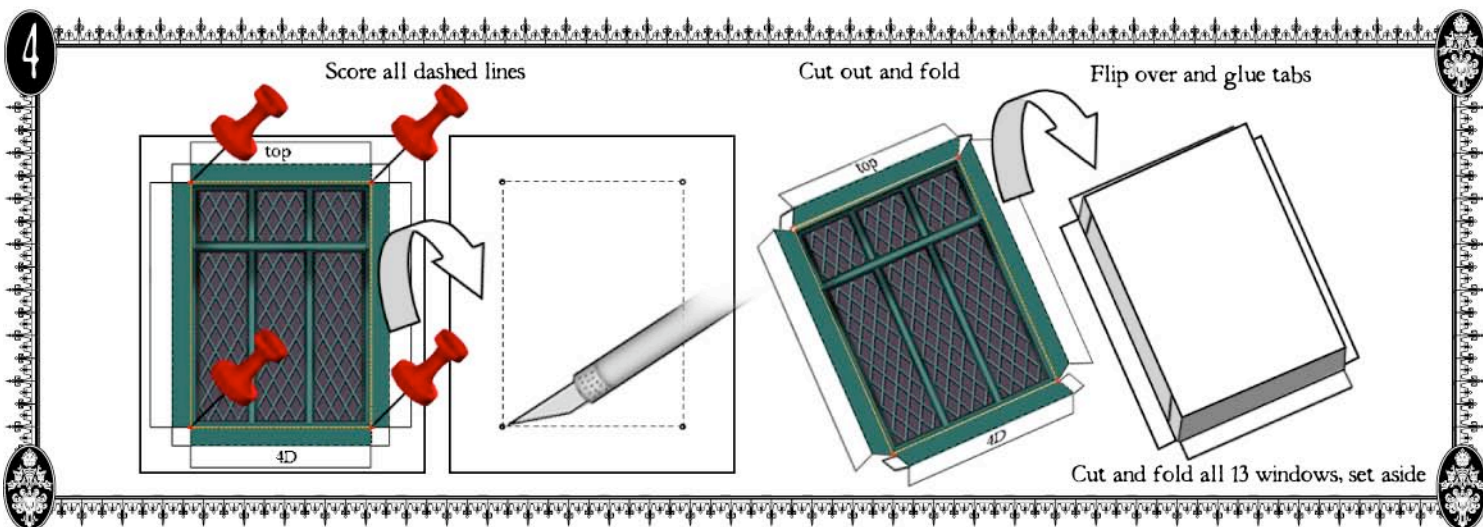
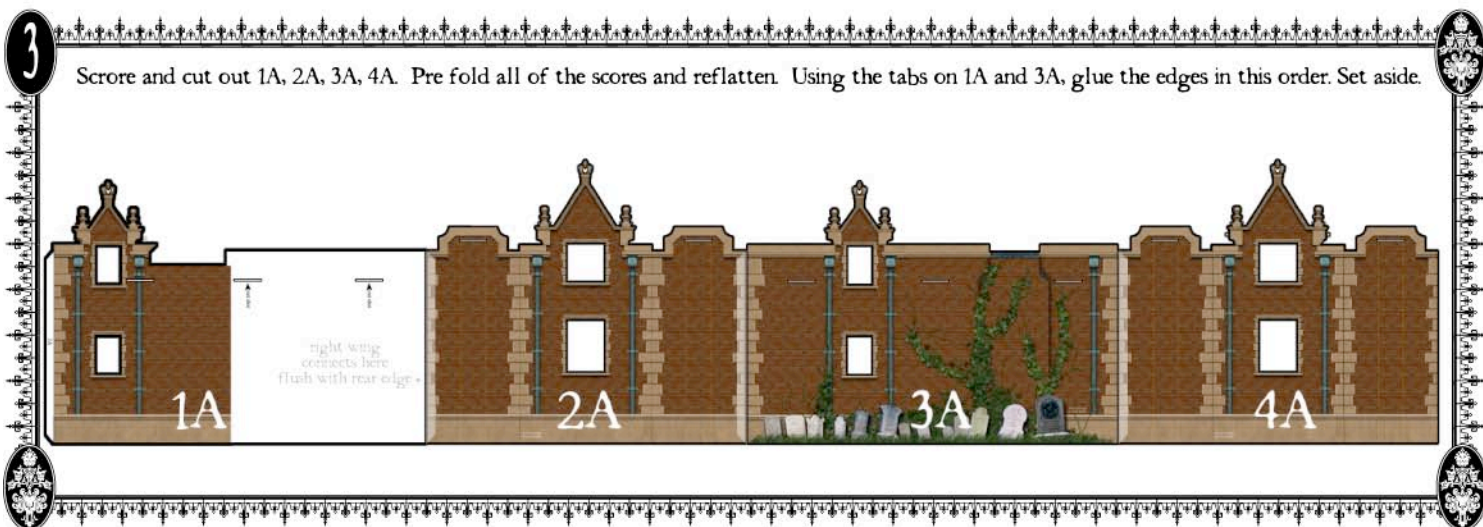
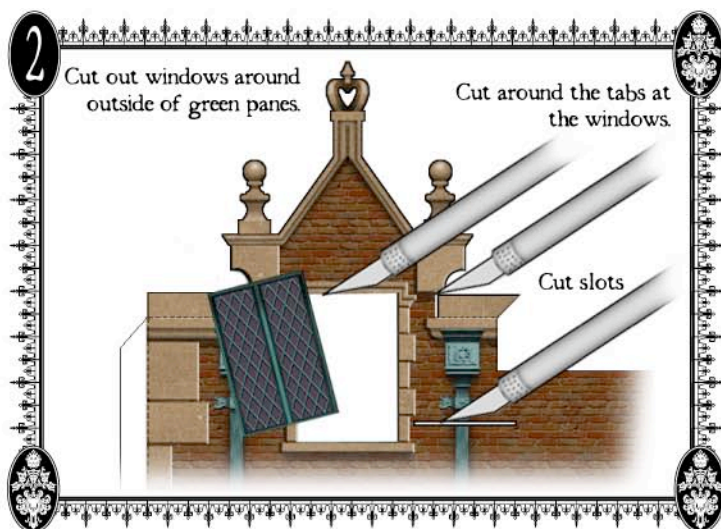
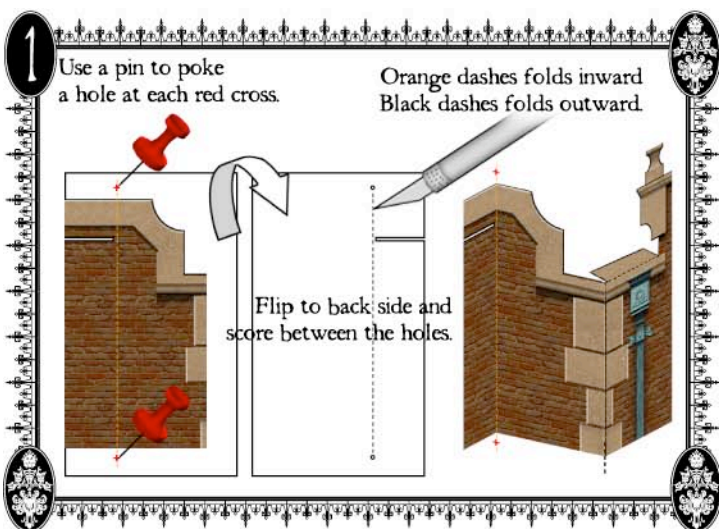
To avoid confusion, after cutting out a part, lightly write the part numbers on the back with a pencil.

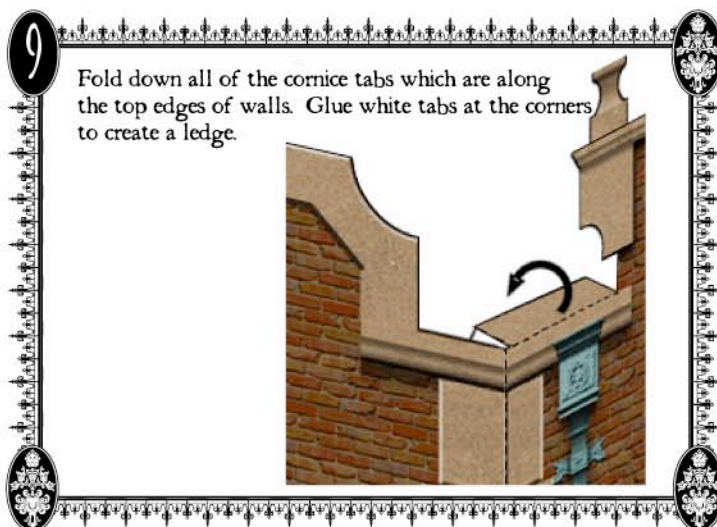
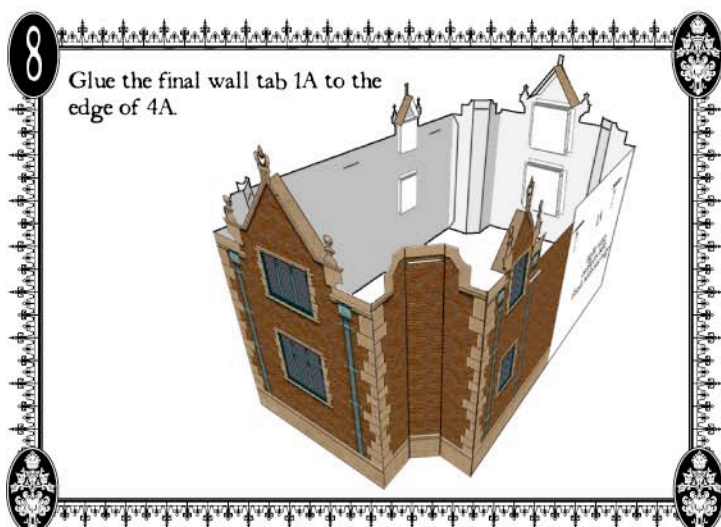
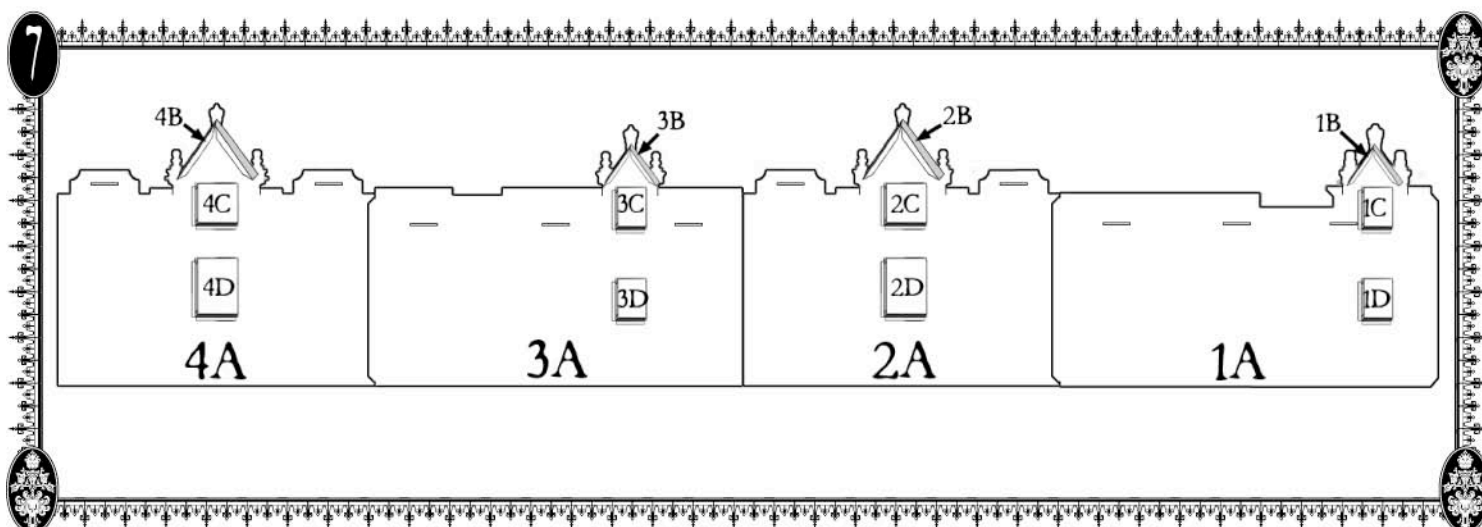
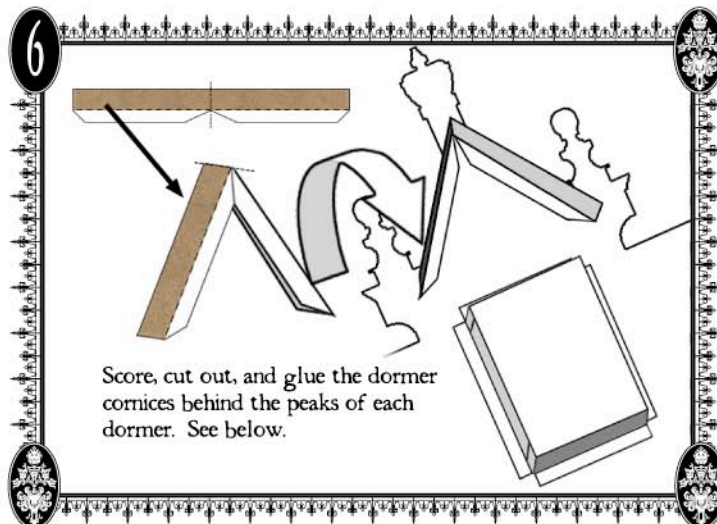
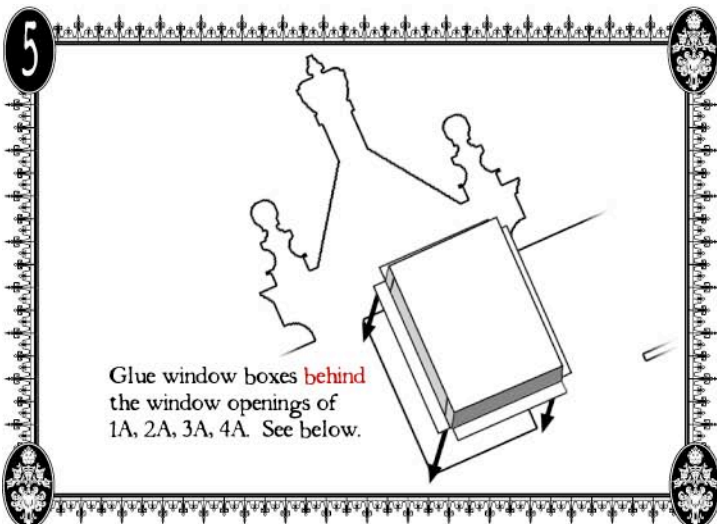
I created this model for my own enjoyment, but choose to share it with others. By downloading this model, you agree that the success of the final product is primarily determined by the patience and skill of the builder.

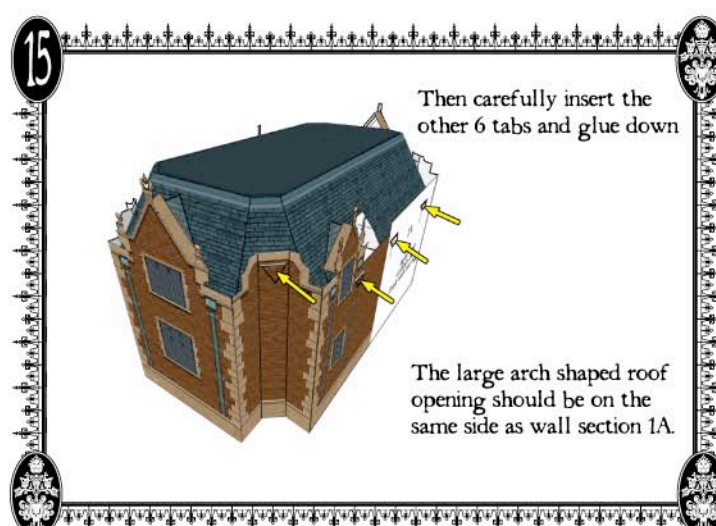
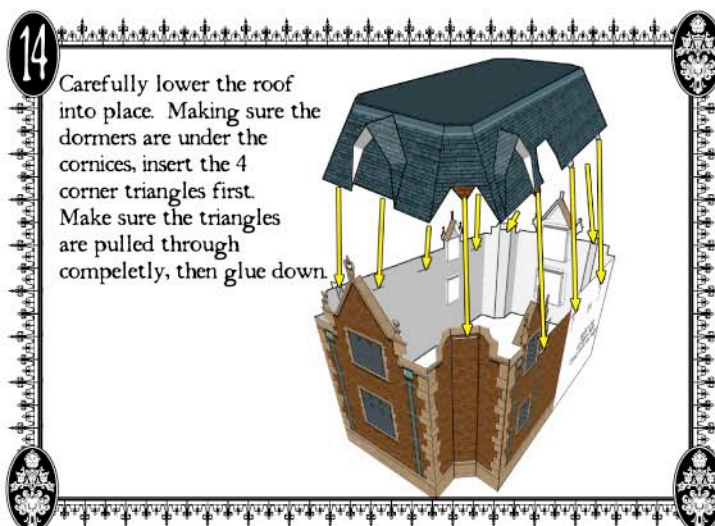
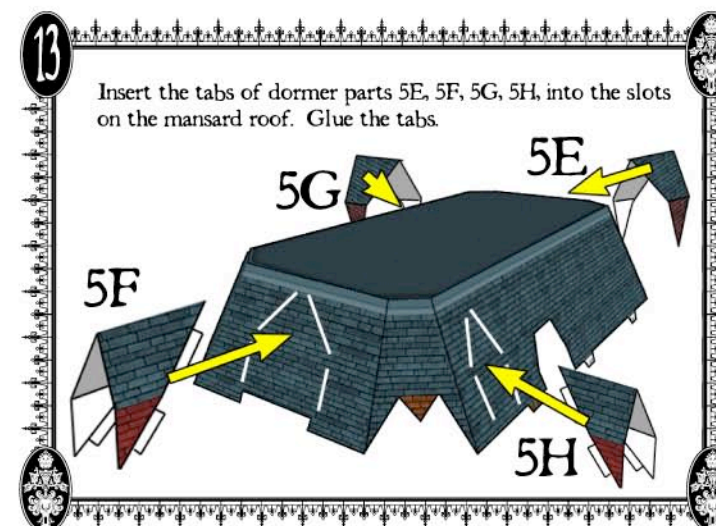
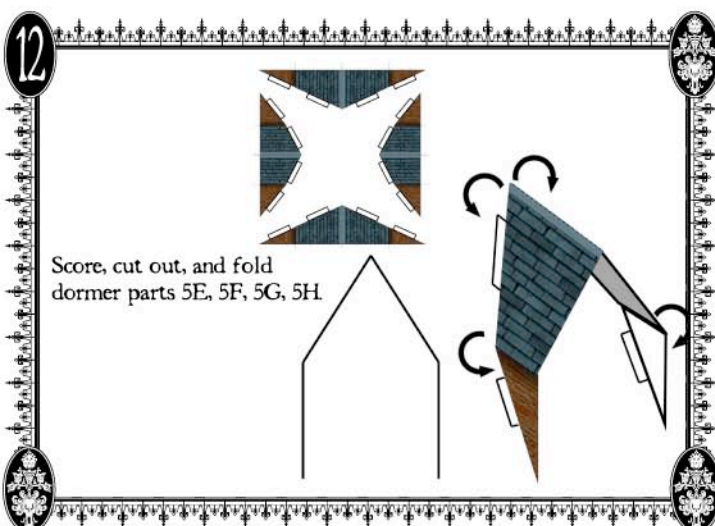
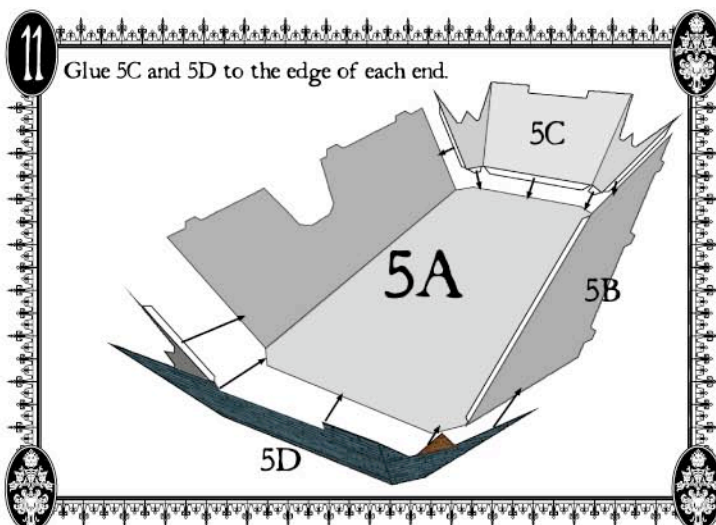
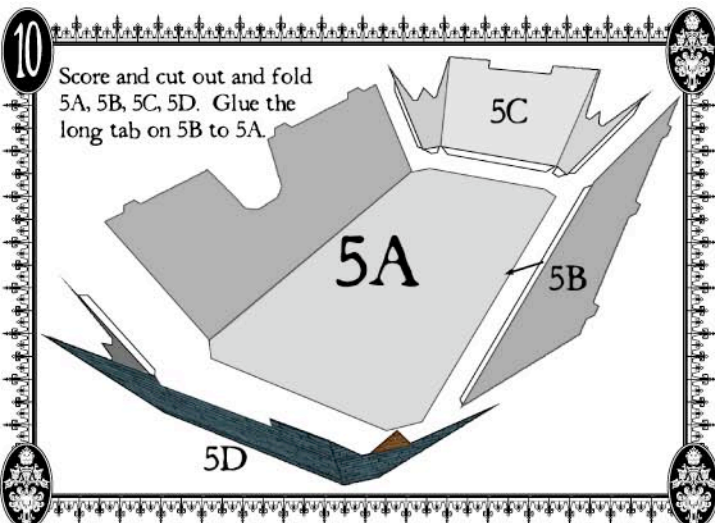
Have fun building your Liberty Square Haunted Mansion, and good luck!

There's no turning back now!

<http://www.haunteddimensions.raykeim.com/>

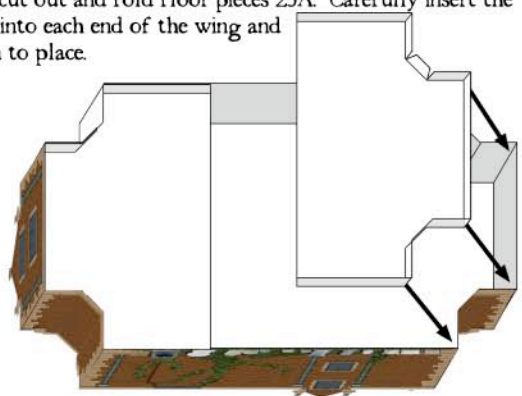






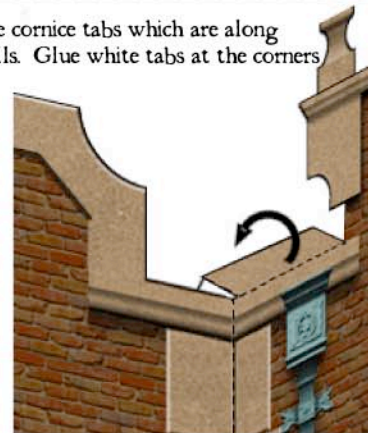
16

Score, cut out and fold floor pieces 23A. Carefully insert the floors into each end of the wing and glue in to place.



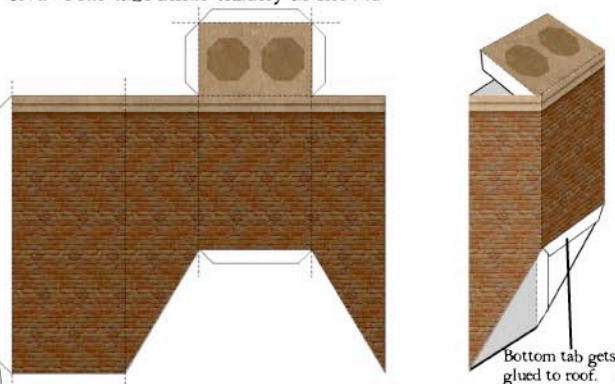
17

Fold down all of the cornice tabs which are along the top edges of walls. Glue white tabs at the corners to create a ledge.



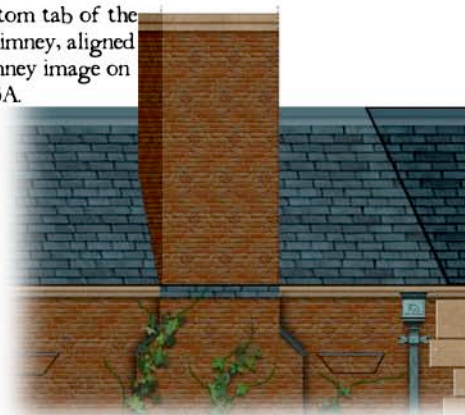
18

Score, cut out, and fold chimney 16A. Glue tabs inside chimney as shown.



19

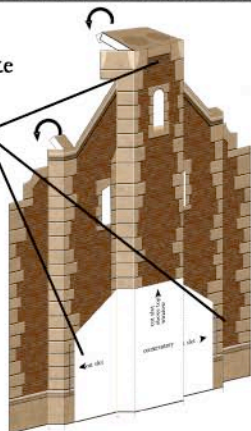
Glue the bottom tab of the completed chimney, aligned with the chimney image on wall section 3A.



20

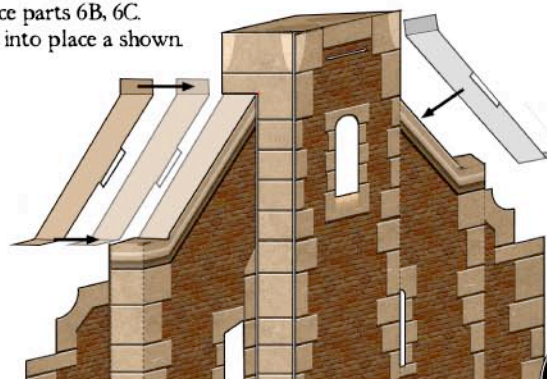
Score, cut out, and fold 6A. Fold down and glue the white cornice tabs to create legdes.

Be sure to cut the 3 notches.



21

Score, cut out, and fold cornice parts 6B, 6C. Glue into place as shown.



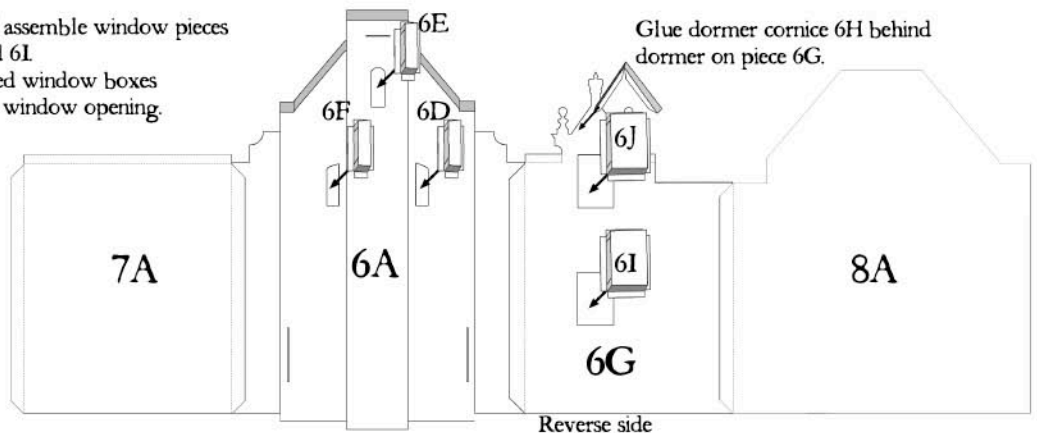
22

Score, cut out, and prefold 7A, 8A and 6G. Then attach as shown.



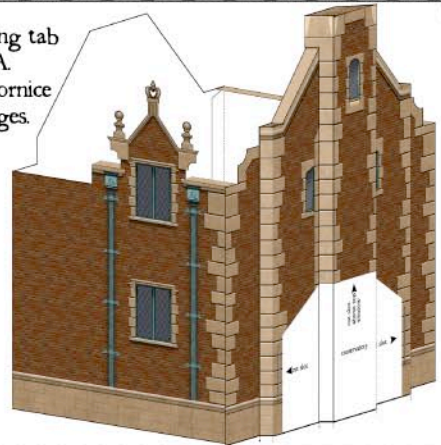
23

Score, cut out and assemble window pieces 6D, 6E, 6F, 6J, and 6I. Glue the completed window boxes **behind** the proper window opening.



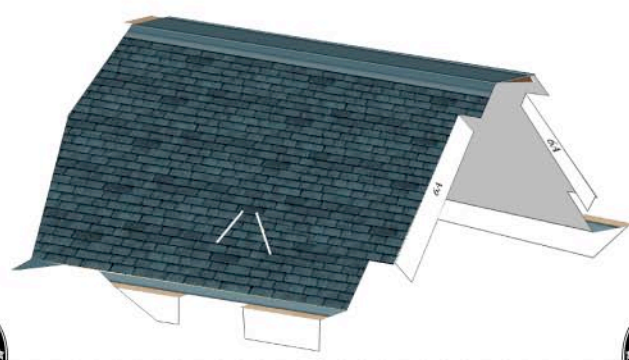
24

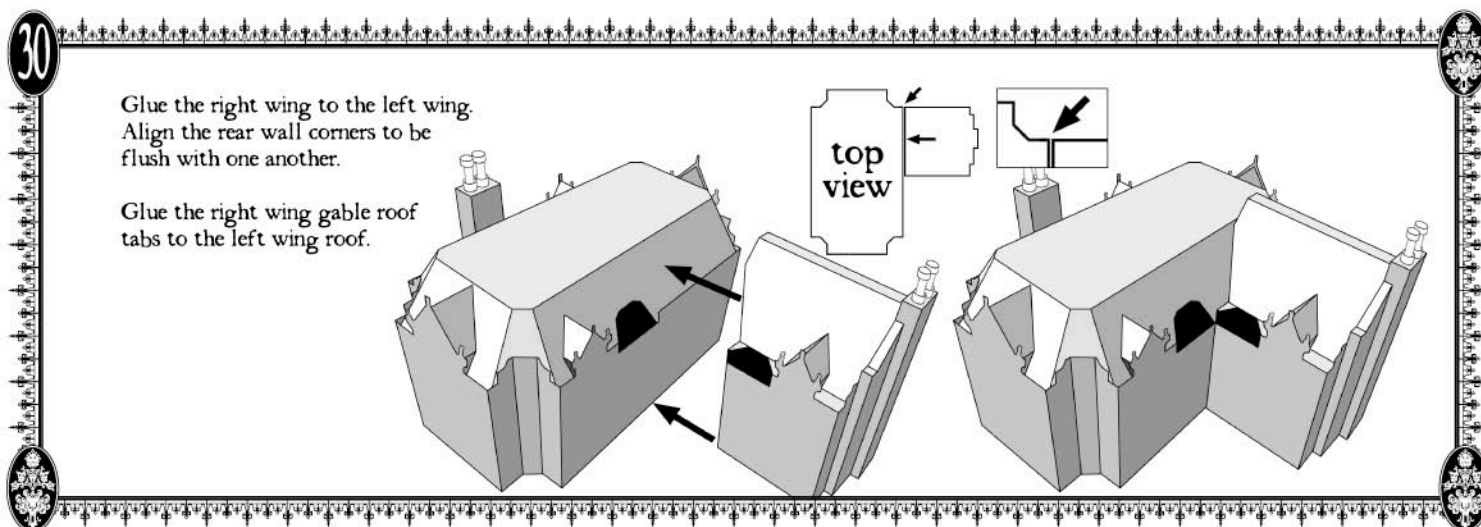
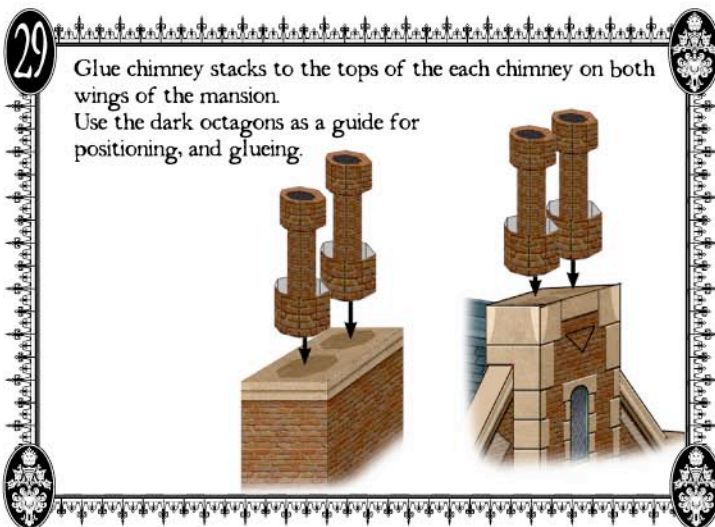
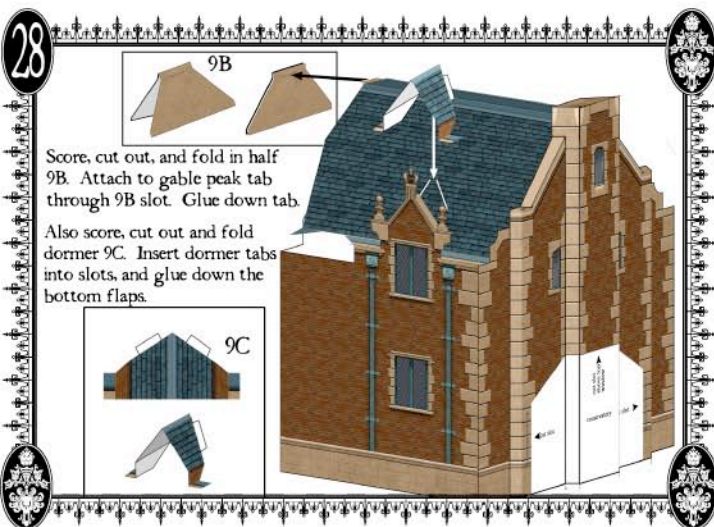
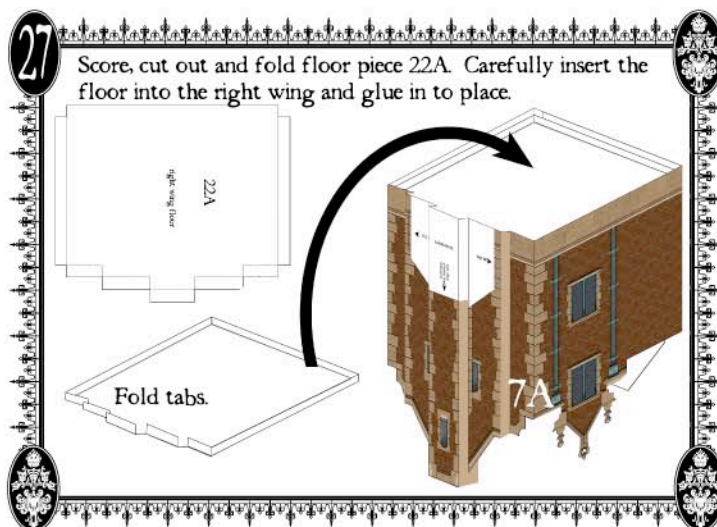
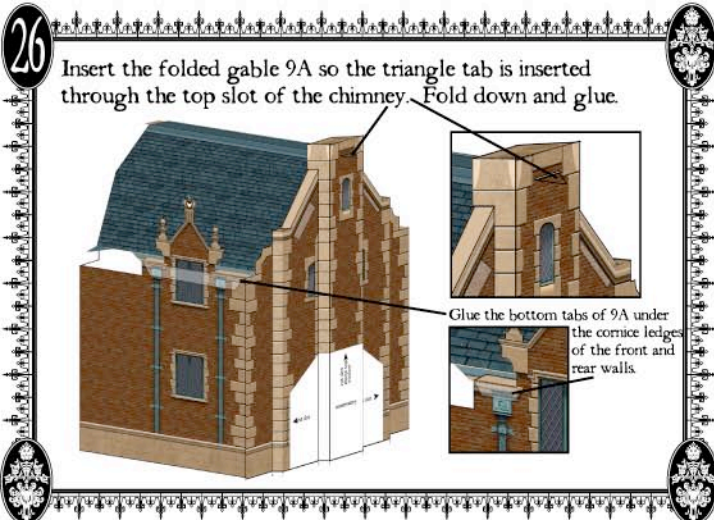
Glue the remaining tab to the edge of 8A. Fold down the cornice tabs to form ledges.



25

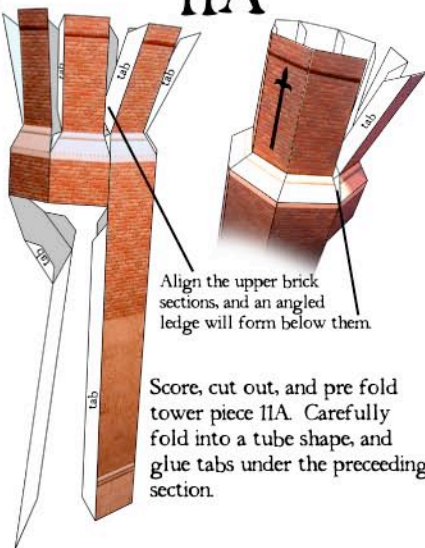
Score, cut out, and fold the gable roof piece 9A as shown. Remember to cut the 2 slots.





31

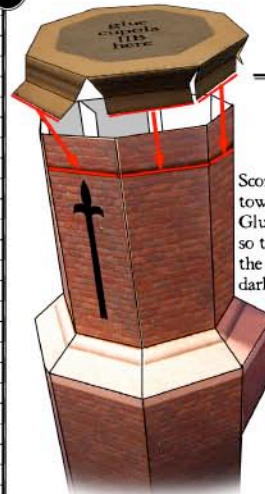
11A



Score, cut out, and pre fold tower piece 11A. Carefully fold into a tube shape, and glue tabs under the preceding section.

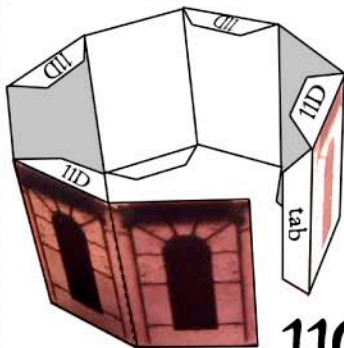
32

10D



Score, cut out and pre fold tower cornice 10D. Glue the lower lips of 10D so they are aligned with the flat bottom edge of the dark line on the tower.

33



11C

Score, cut out, and pre fold tower piece 11C. Carefully fold into a tube shape, and glue tab under the preceding section.

34

11E Dome construction

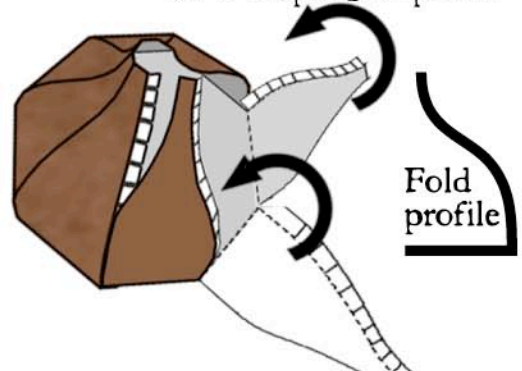
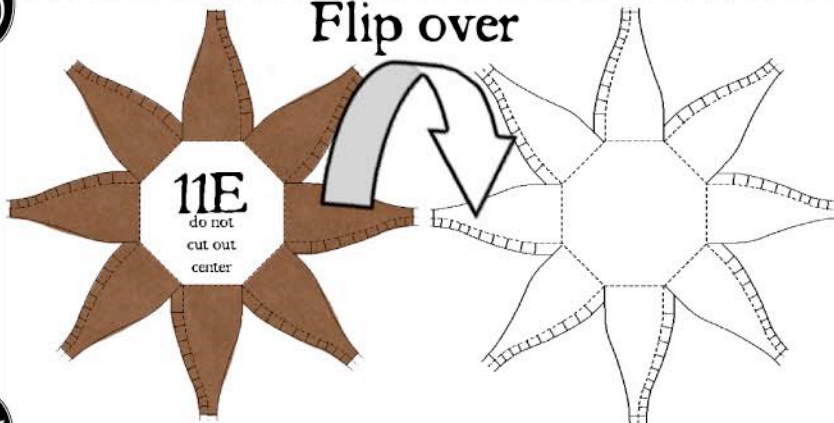
This is one of the more difficult items to construct.

Score, cut out, and pre fold dome piece 11E. Flip the piece face down, and fold up each petal. Glue tabs under the preceding section, being very careful to keep the seams VERY close together.

35

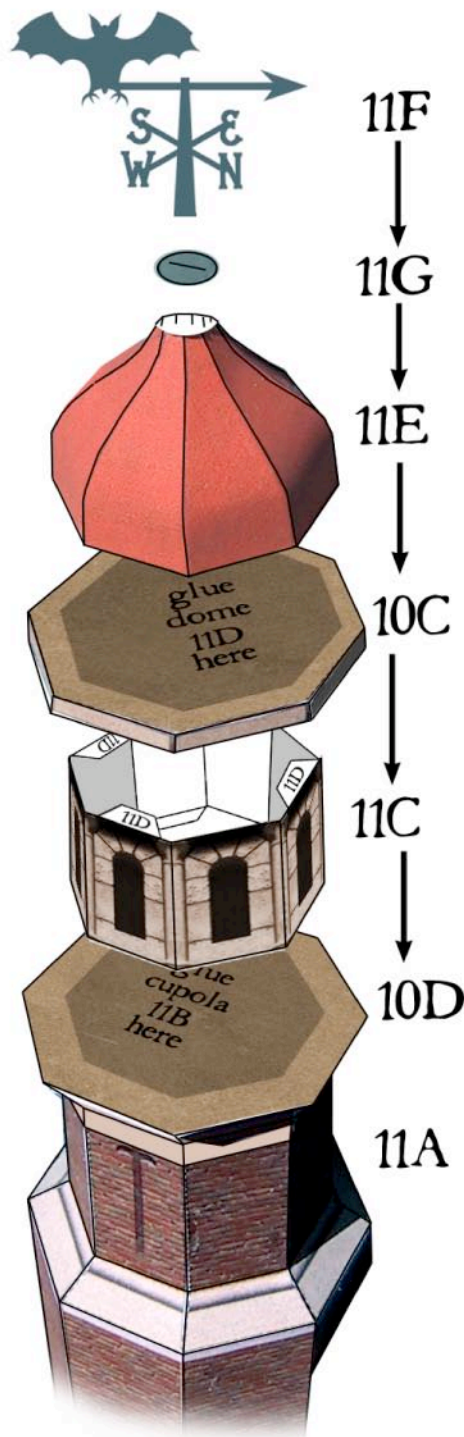
Flip over

The petal folds should have an "S" shaped bend profile.



Fold profile

Glue the completed tower elements as shown below. The weather vane 11F, inserts into the slot on 11G.

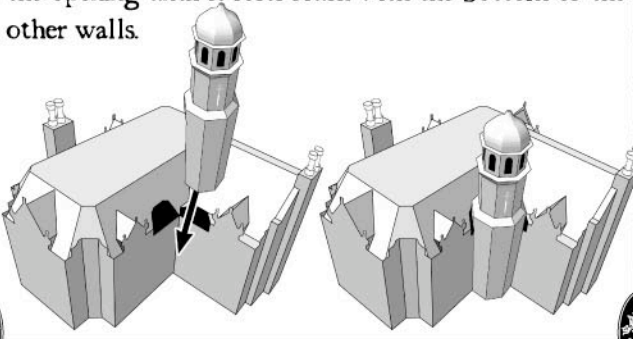


After cutting out the weather vane 11F, you may want to color the back with a marker before attaching to the model.

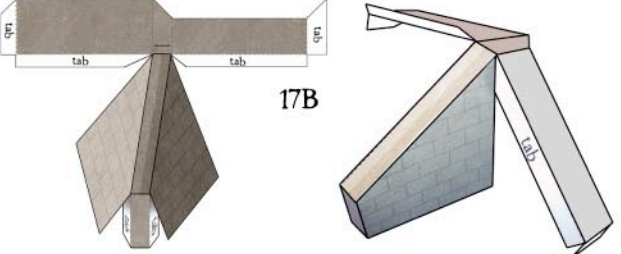
- 4 Put a few VERY small drops of glue on the top lip of the dome 11E, and set the cap piece 11G on top. Remember to cut the slot on the cap piece 11G!
- 3 Use the dark octagon on piece 10C as a guide for positioning, and gluing the dome 11E.
- 2 Bend down the flaps of piece 10C, to create a lip. Add a small amount of glue to the tabs on piece 11C, and carefully center 10C on top.
- 1 Put a small amount of glue on the bottom tabs of piece 11C, and glue to 10D. Use the dark octagon on piece 10D as a guide for positioning and gluing.

Start from the bottom and build upward.

37 Carefully slide the tower into the corner between the two wings of the mansion. Insert the tower into the opening until it rests flush with the bottom of the other walls.

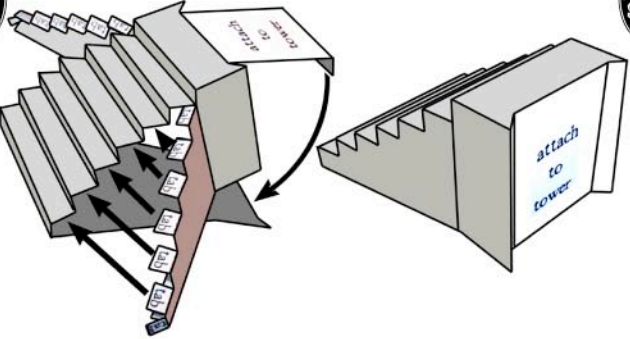


38



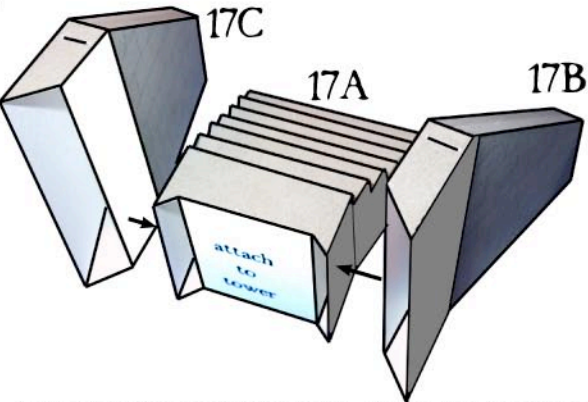
Score, cut out, and pre fold the railing pieces 17B, and 17C. Remember to cut the slots.

39



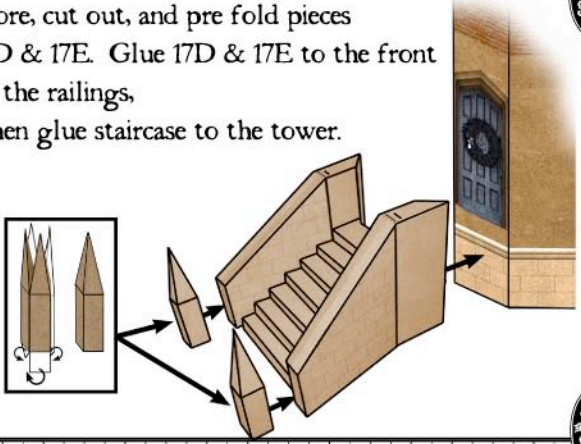
Score, cut out, and pre fold staircase piece 17A.

40

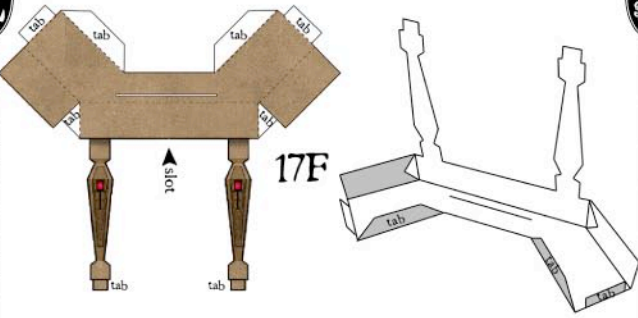


Glue the railings, 17B & 17C to the sides of staircase

41 Score, cut out, and pre fold pieces 17D & 17E. Glue 17D & 17E to the front of the railings, Then glue staircase to the tower.



42



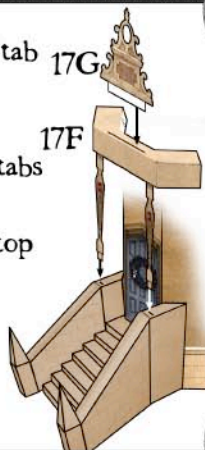
Score, cut out, and pre fold porch piece 17F. Remember to cut the slot.

43

Put a tiny dot of glue on the white tab on crest piece 17G, and insert into slot on the porch roof.

Then put a tiny dot of glue on the tabs at the bottoms of each front pillar, and insert tabs into the slots at the top of the railings.

Then glue the porch roof to the tower, using the tabs in the back.

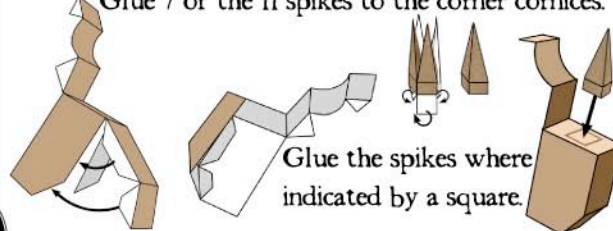


44

Score, cut out, and pre-fold the 7 corner cornices 12A & 12B. Remember to give a quarter-circle bend to the section indicated -soft bend-.

Also score, cut out, and pre-fold the 11 finial spikes 13A.

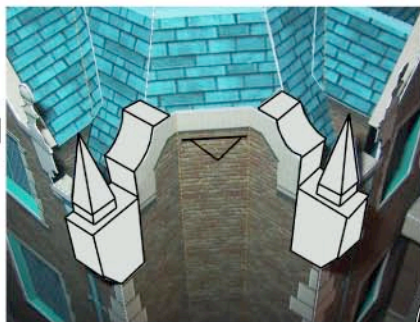
Glue 7 of the 11 spikes to the corner cornices.



45

Glue the 7 cornice pieces to each corner of the LEFT WING. They should be positioned as below.

top
view

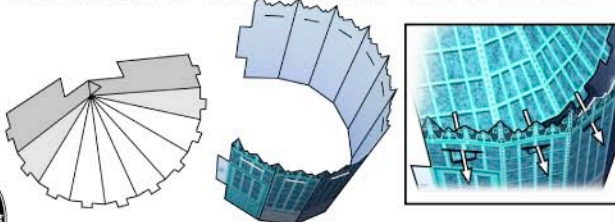


46

Score, cut out, and pre-fold the conservatory pieces 10A, and 10B.

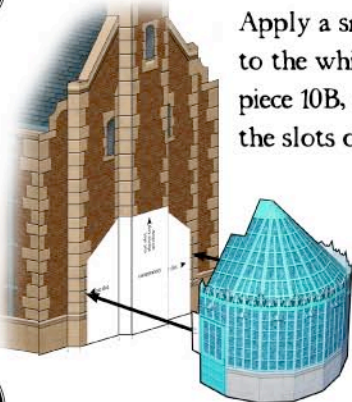
Piece 10A - curl to form a cone-like structure, and glue the triangular tab beneath the opposite edge.

Piece 10B, fold into a semi circular shape. Insert the tabs on 10A, into the slots on 10B. Glue down tabs.



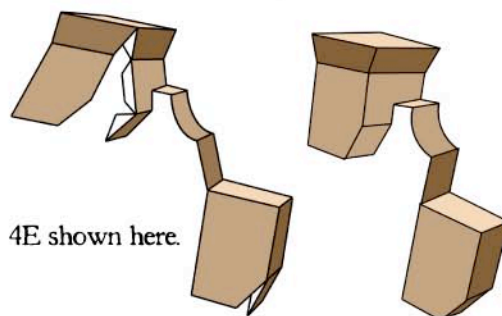
47

Apply a small amount of glue to the white tabs of conservatory piece 10B, and insert the tabs into the slots on the right wing.



48

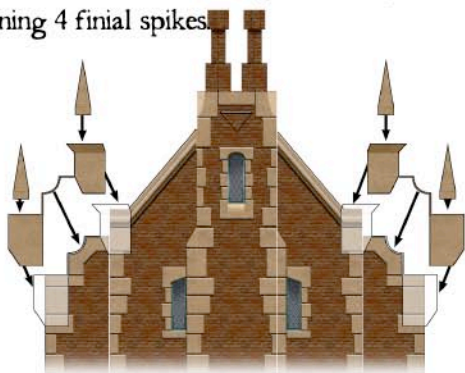
Score, cut out, and pre-fold the right wing cornices 4D & 4E. Remember to give a quarter-circle bend to the section indicated -soft bend-.



4E shown here.

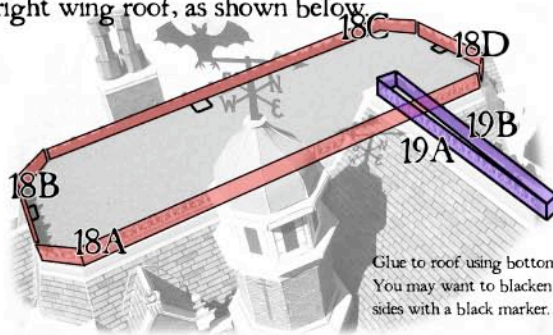
49

Glue the 2 right wing cornices to the top corners of the RIGHT WING. See below. Attach the remaining 4 finial spikes.



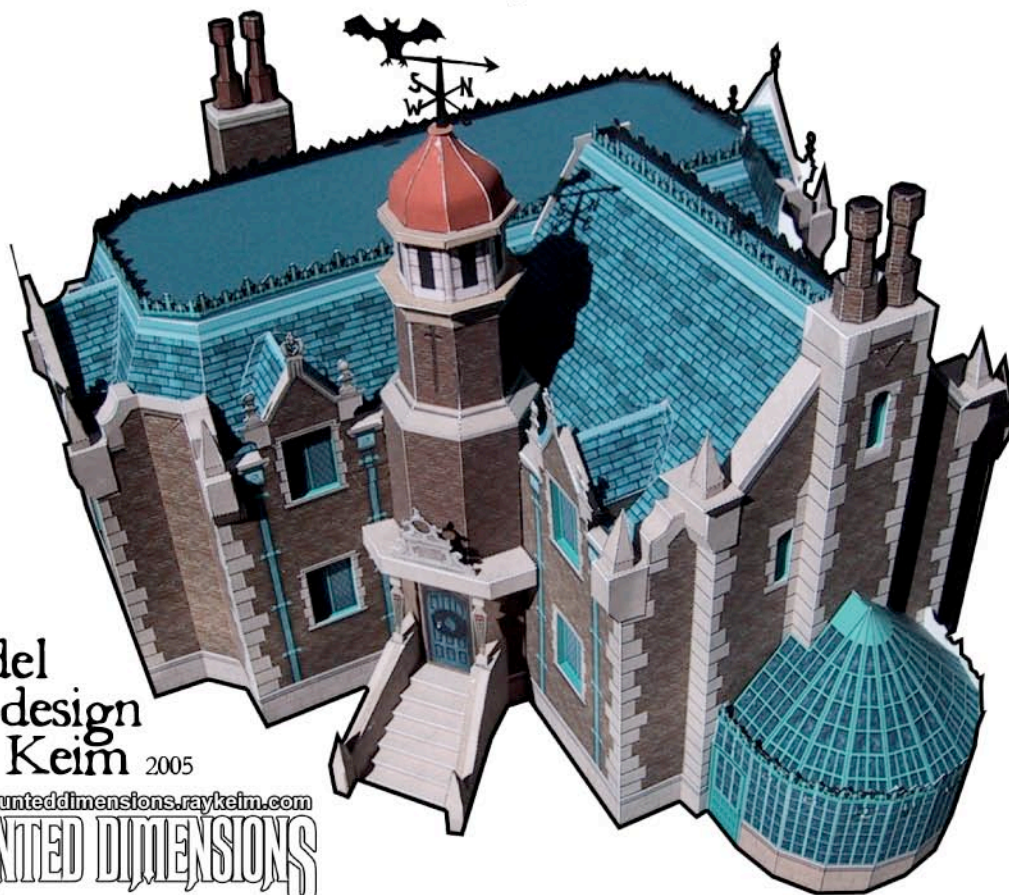
50

Glue together the iron cresting, pieces 18A, 18B, 18C, and 18D of the left wing roof, and 19A, and 19B of the right wing roof, as shown below.



Congratulations, Foolish Mortal!

You are now the proud caretaker of a
Haunted Mansion!



3D model
art and design
by Ray Keim 2005

www.haunteddimensions.raykeim.com
HAUNTED DIMENSIONS



1B



1A

cut slot

cut slot

glue to 4A

right wing
connects here
flush with rear edge

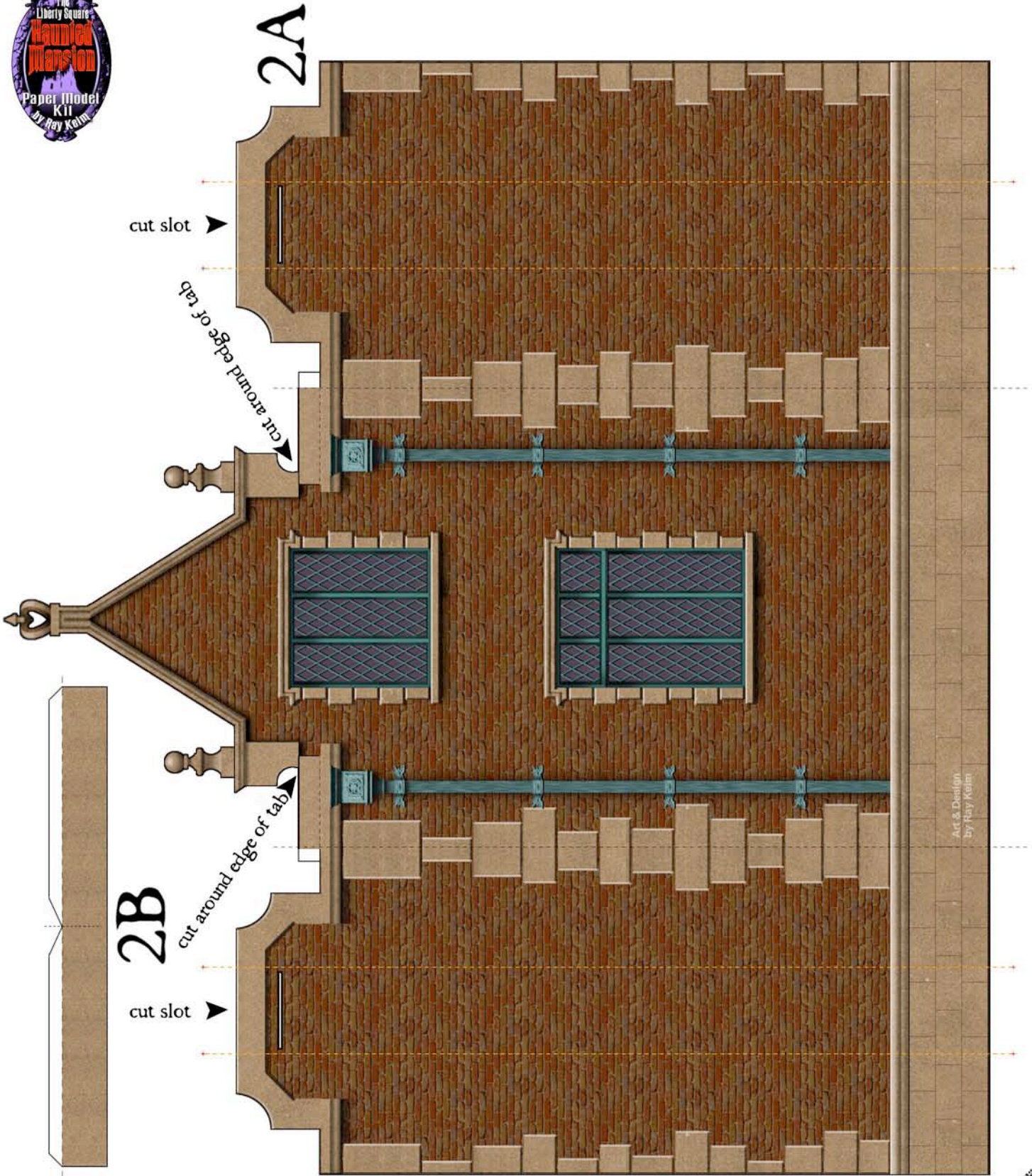
cut slot
next to window

cut around edge of tab

cut around edge of tab

glue to 2A







cut slot ➤

3B

cut slot ➤

cut around edge of tab ➤

cut slot ➤

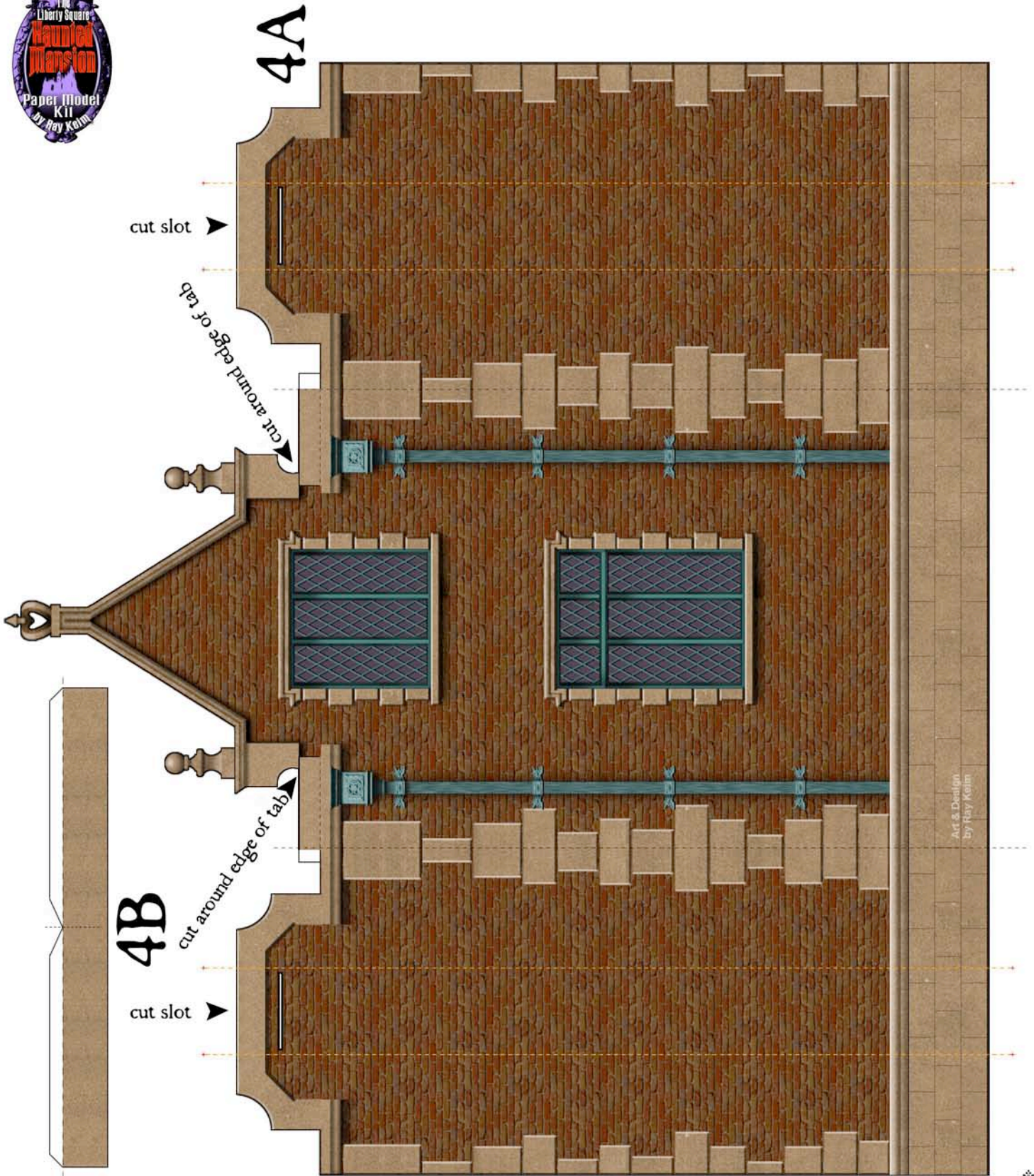
cut around edge of tab ➤

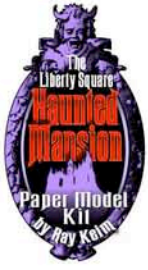
3A

glue to 2A

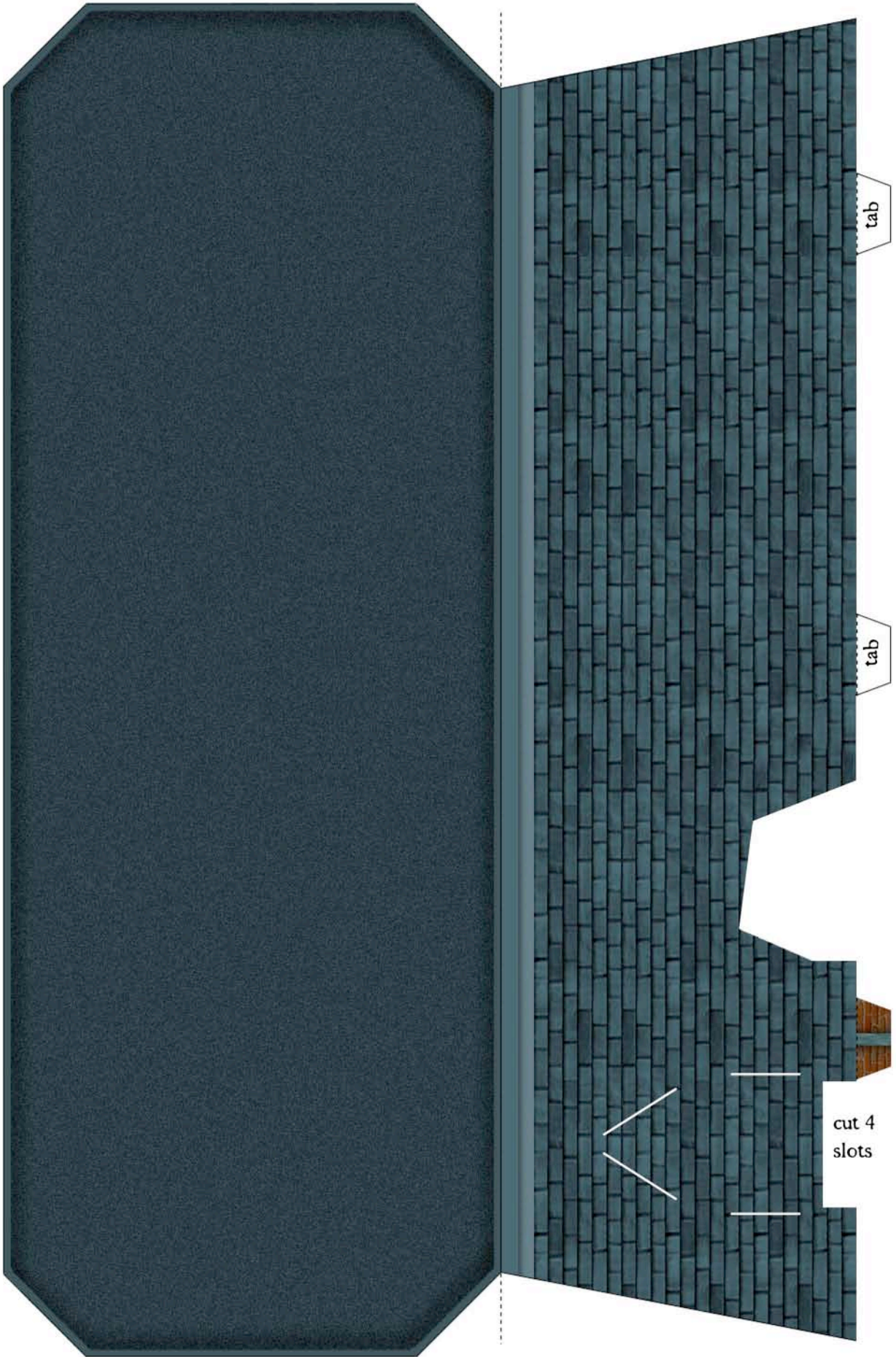
glue to 4A

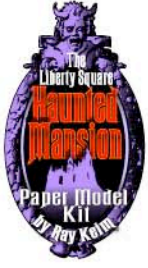
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by Ray Keim



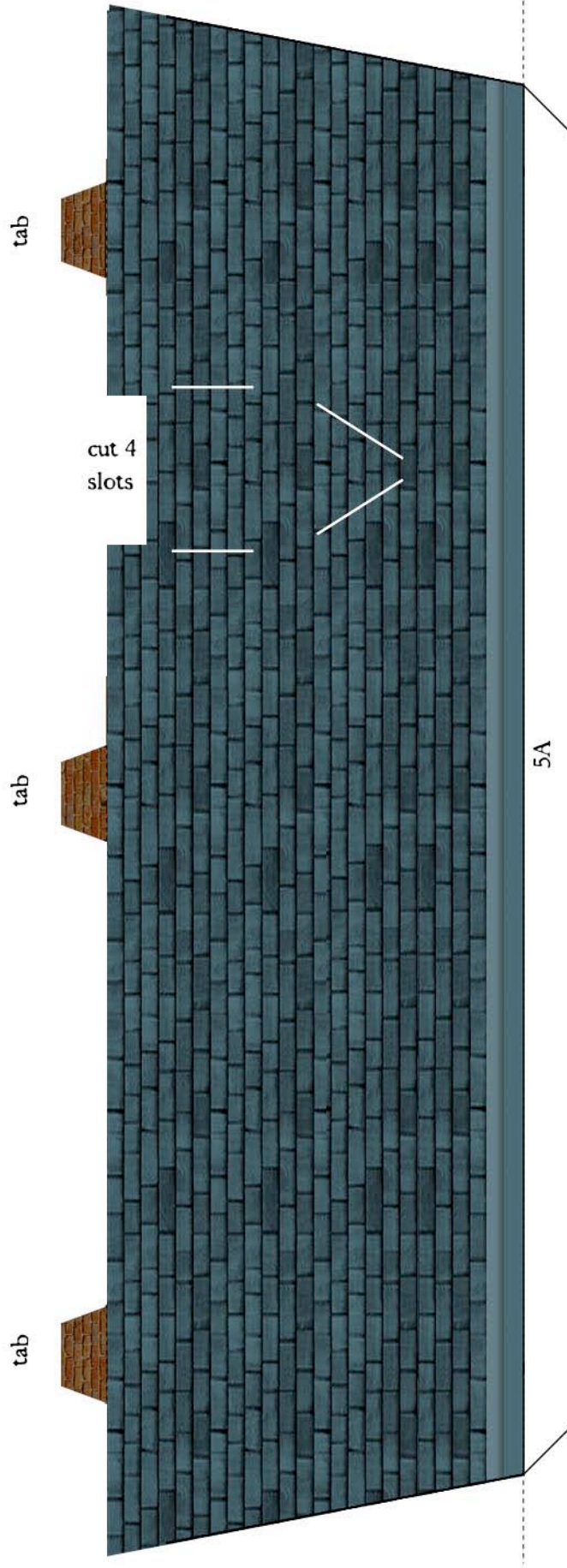


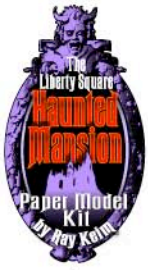
5A





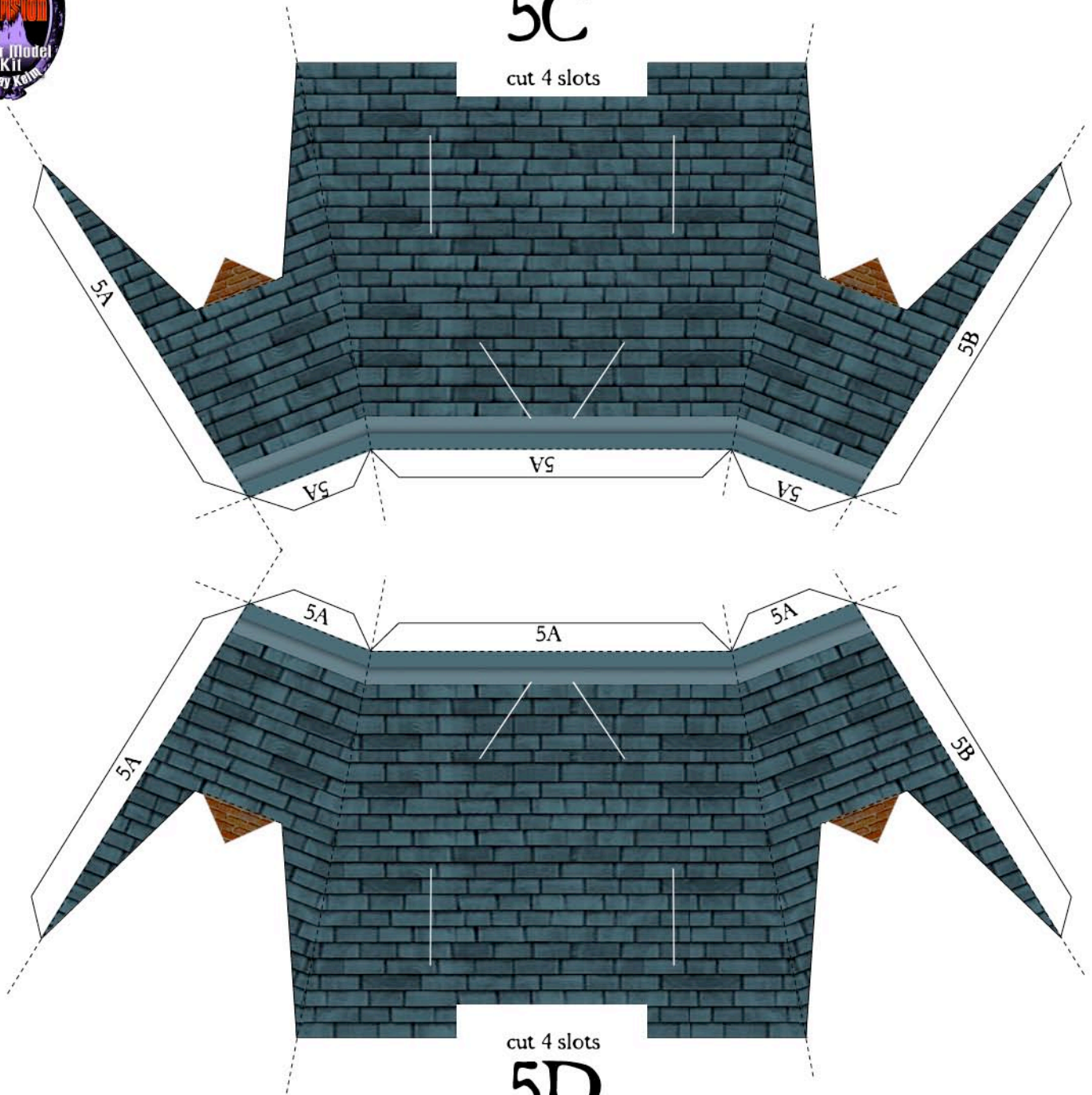
5B





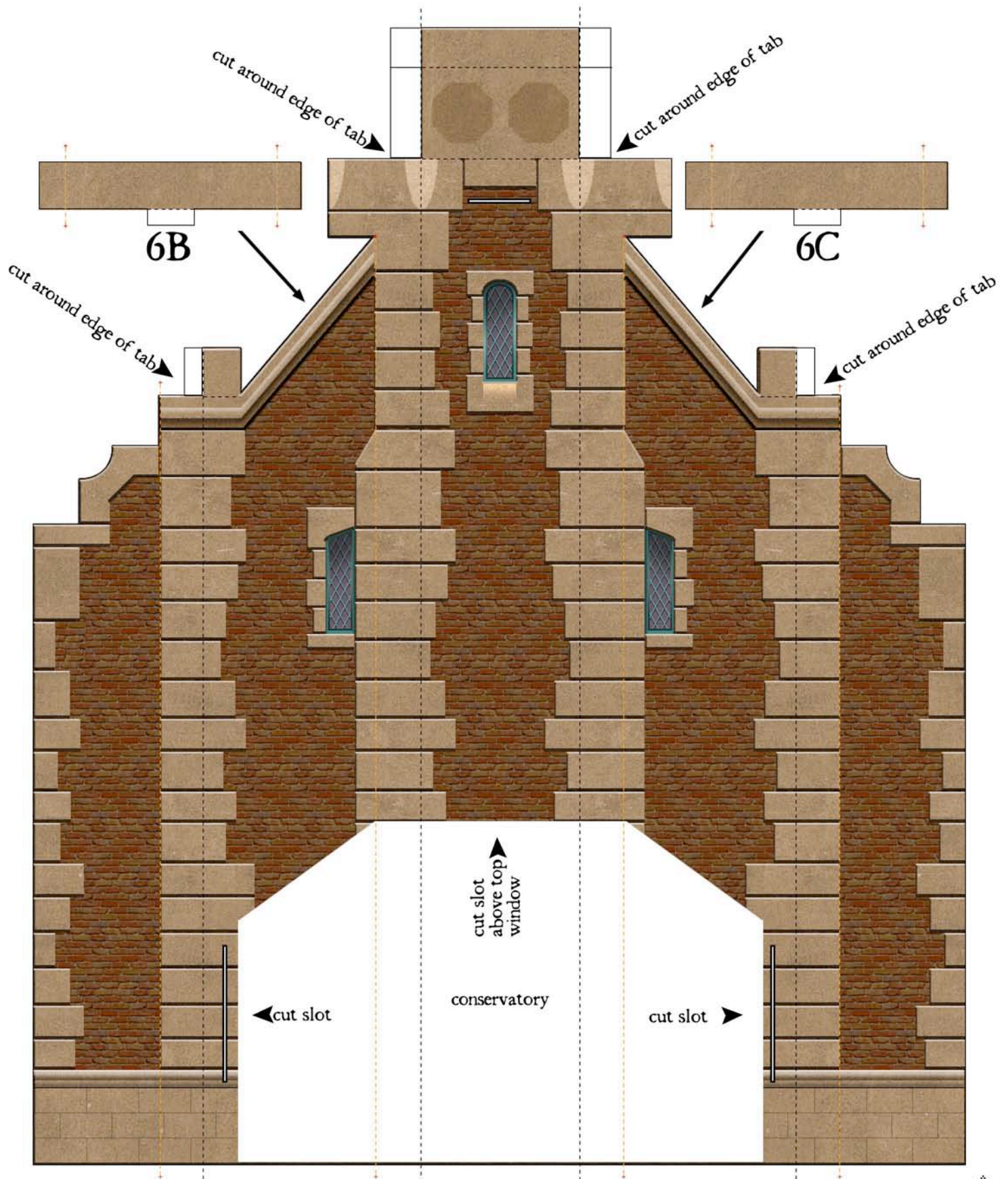
5C

cut 4 slots



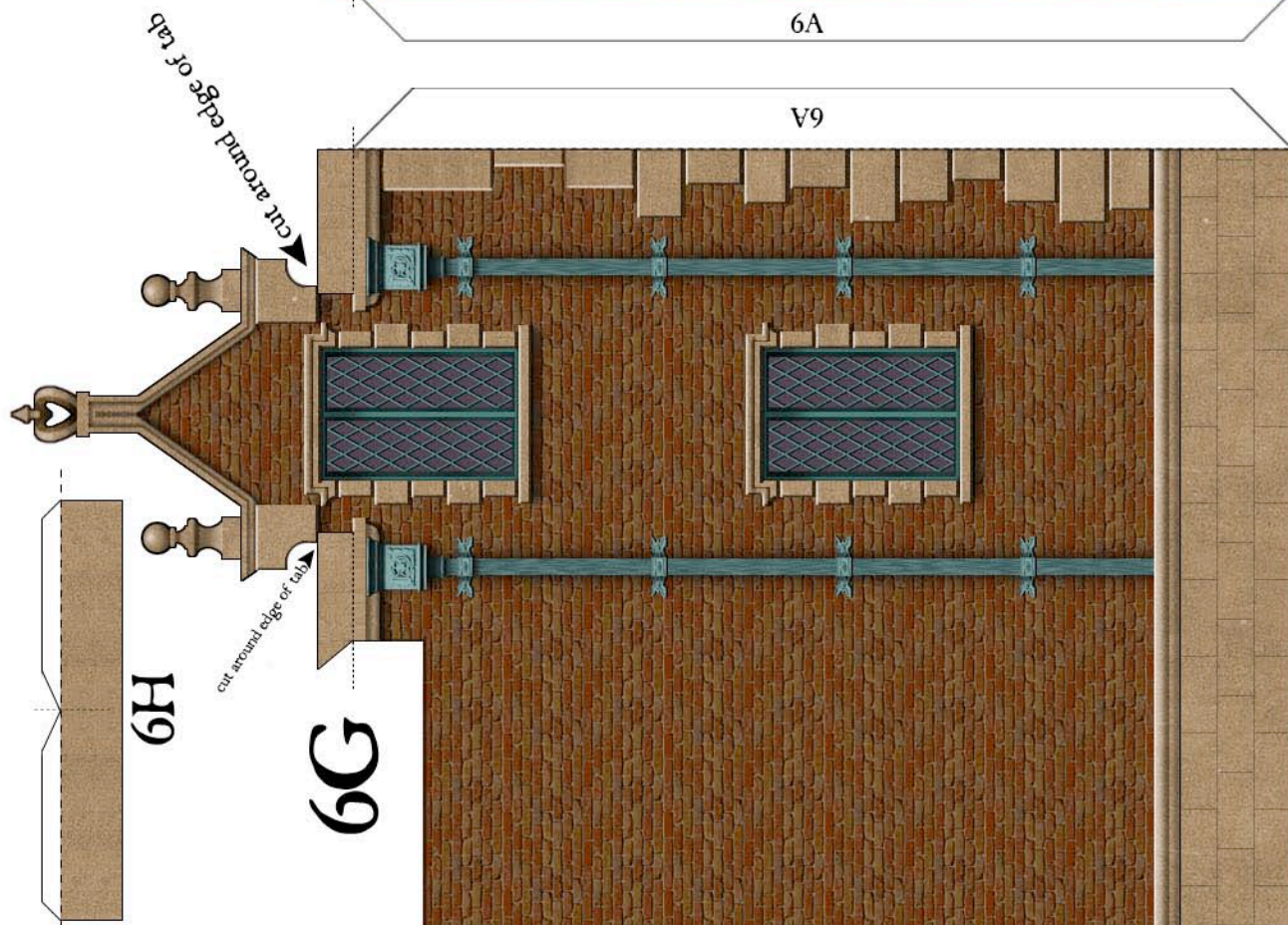
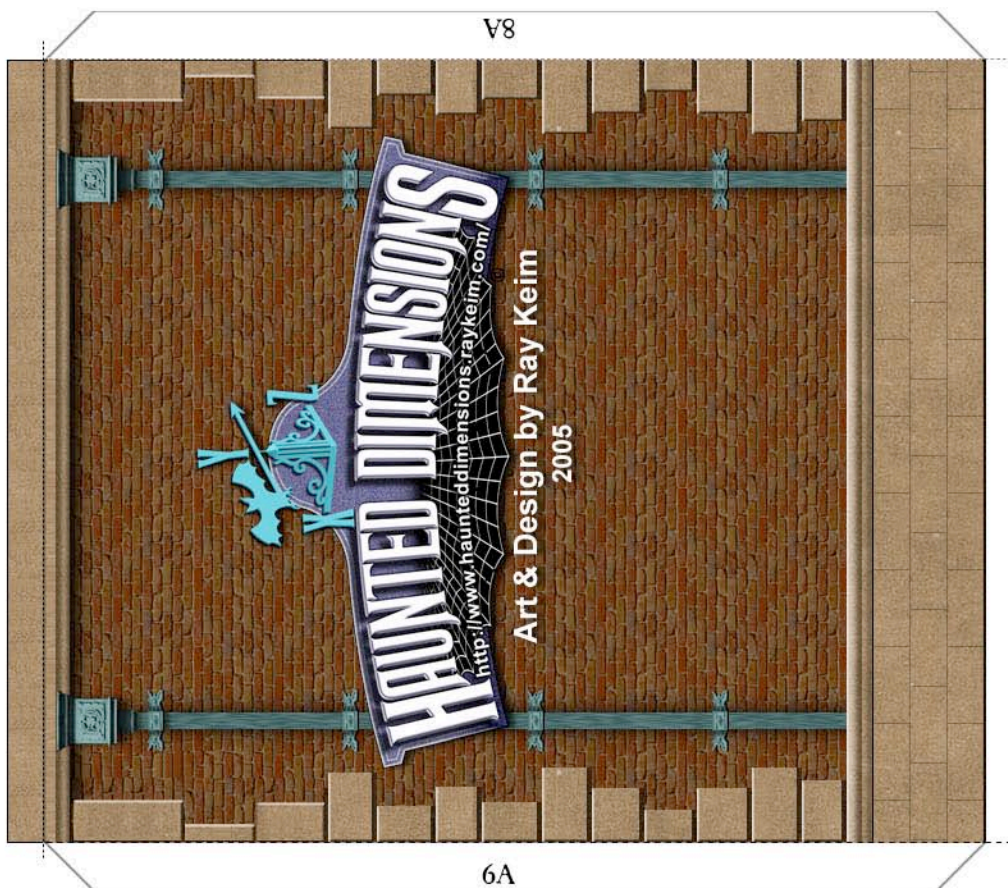
cut 4 slots

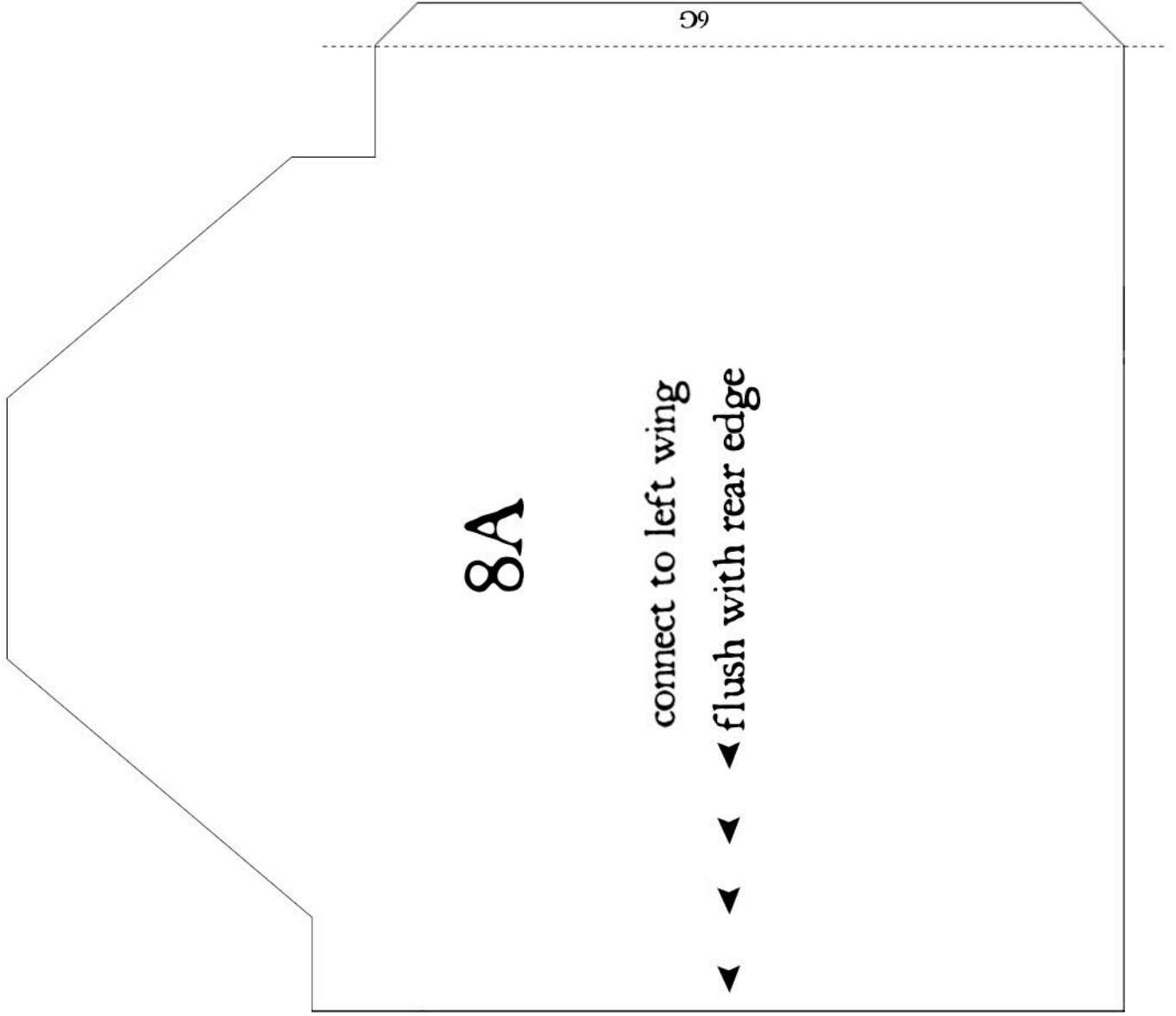
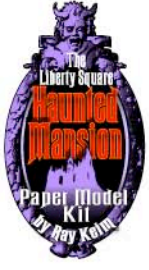
5D

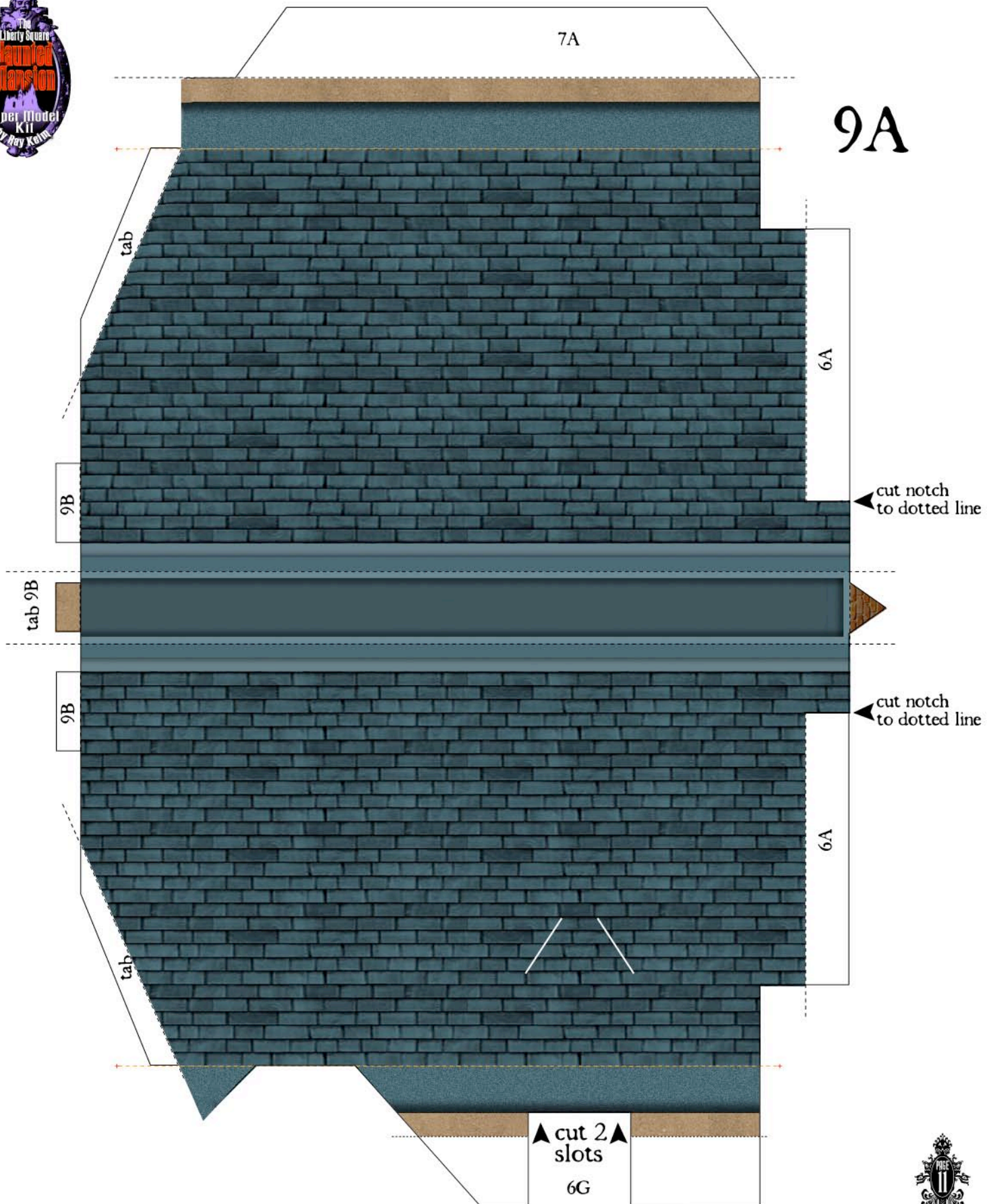


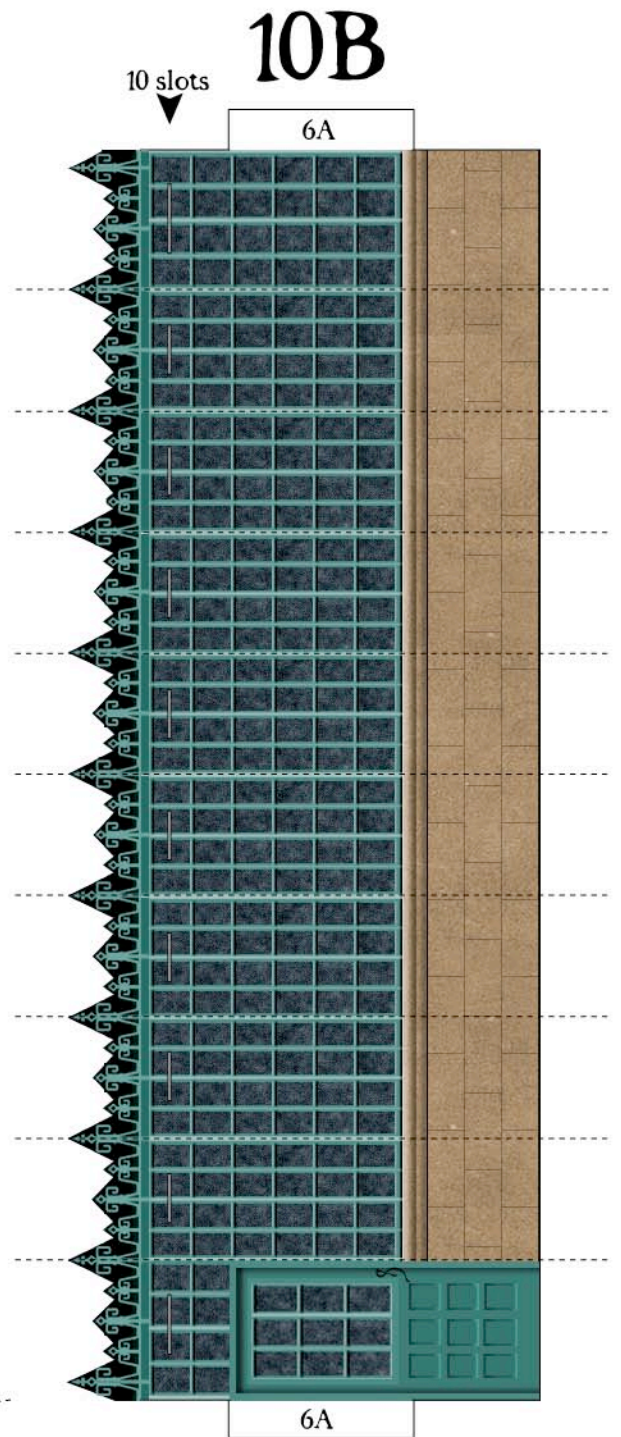
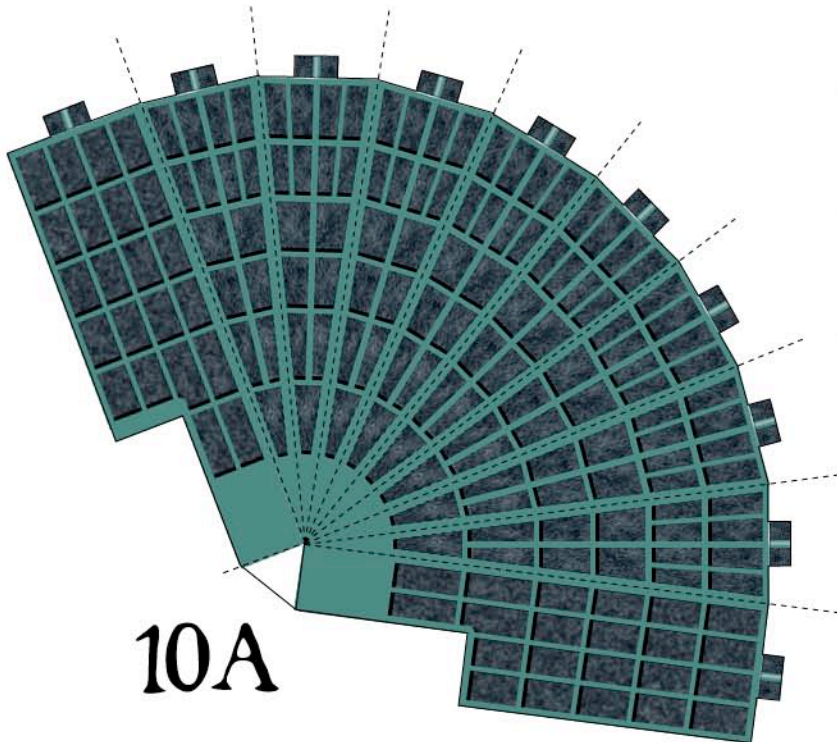
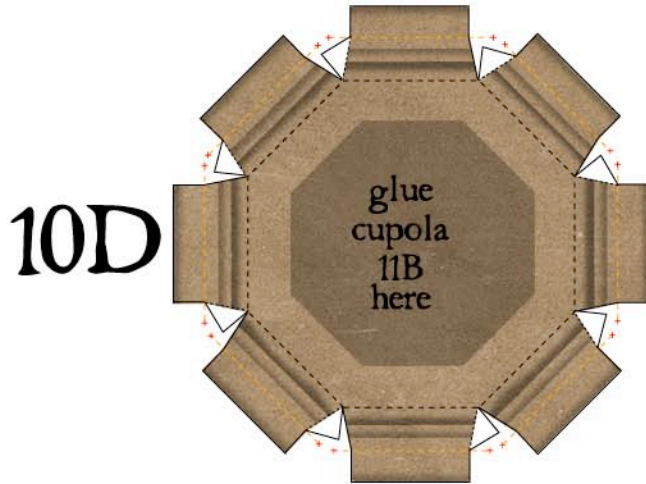
6A

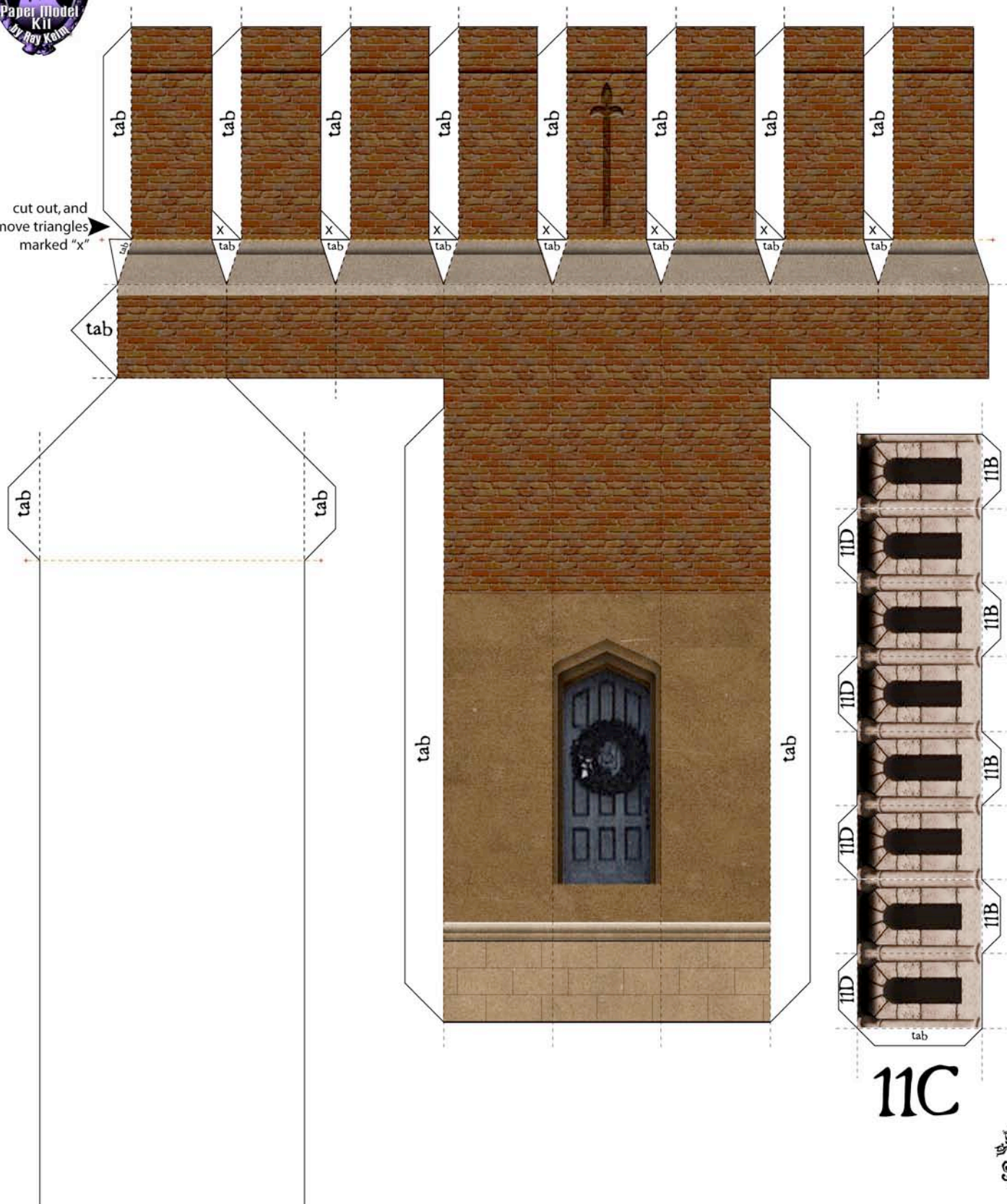
7A





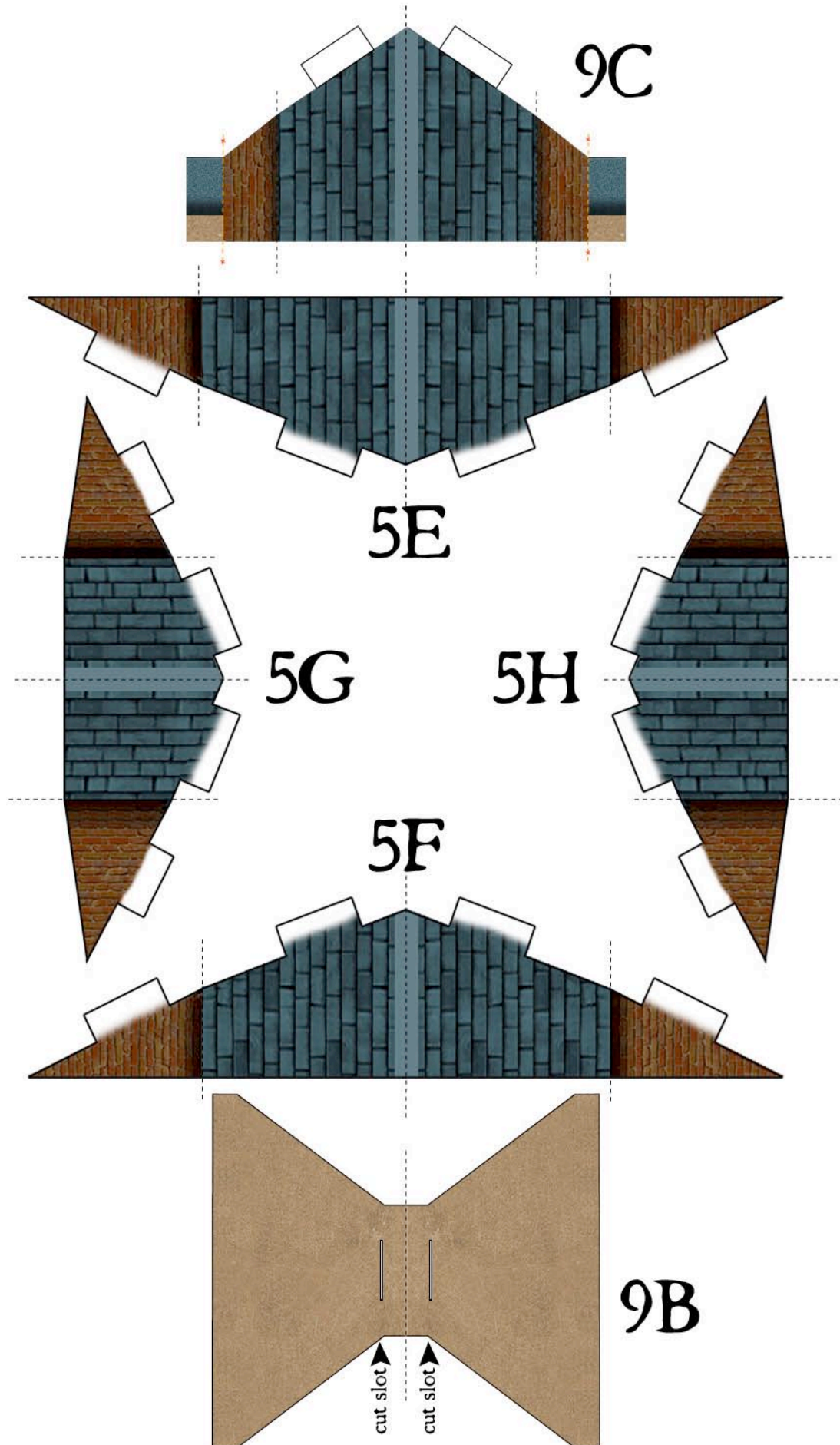


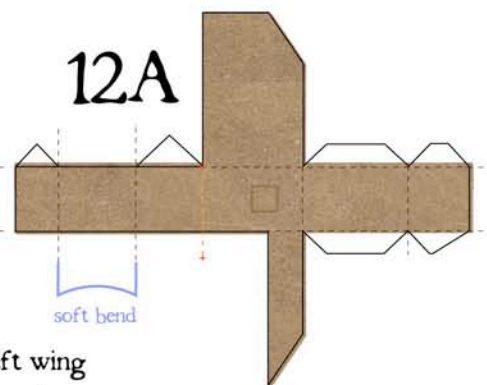
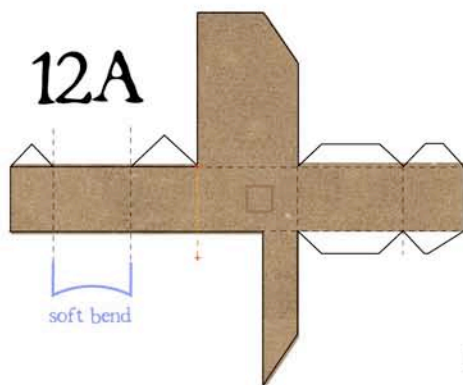
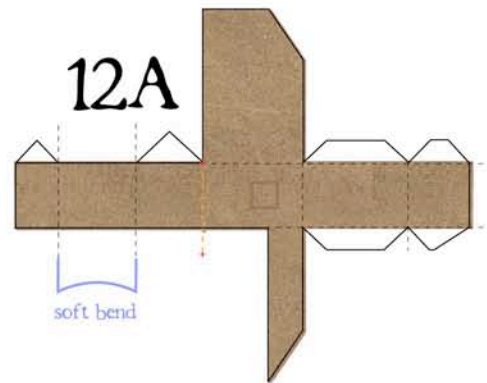
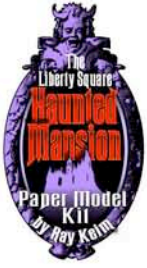




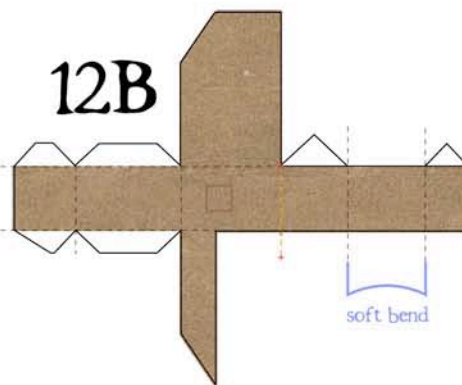
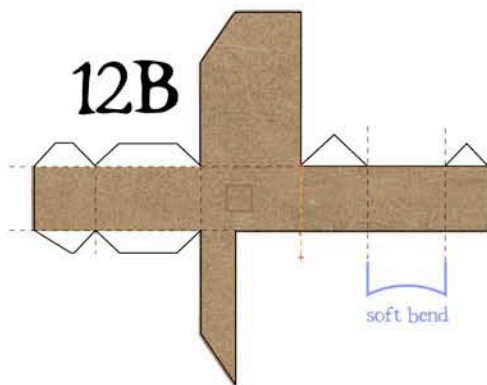
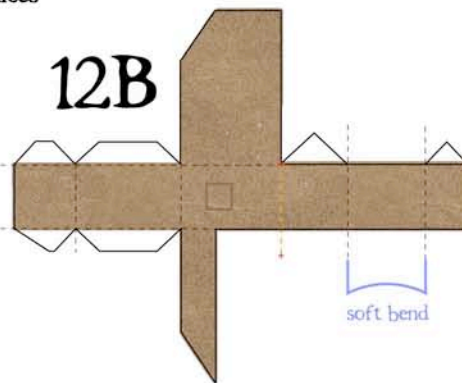
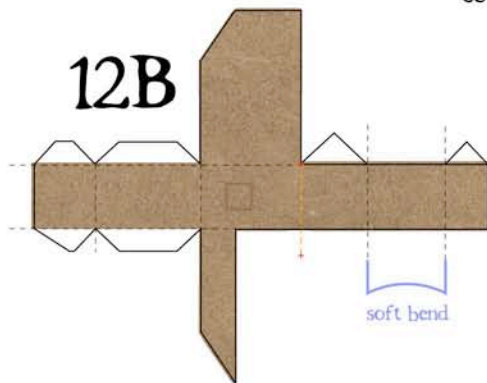
11C

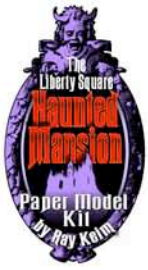




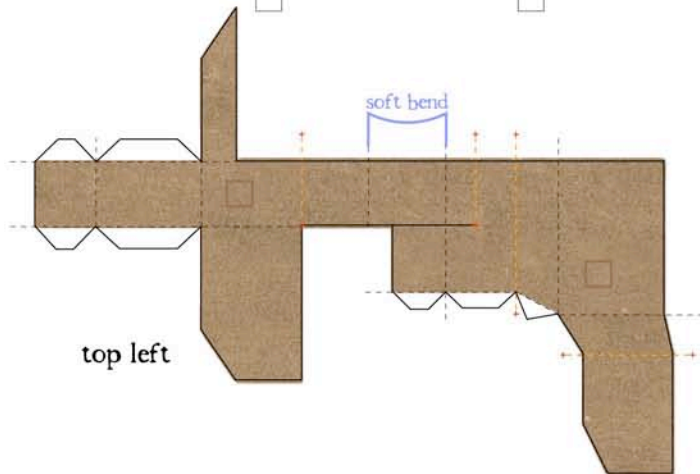
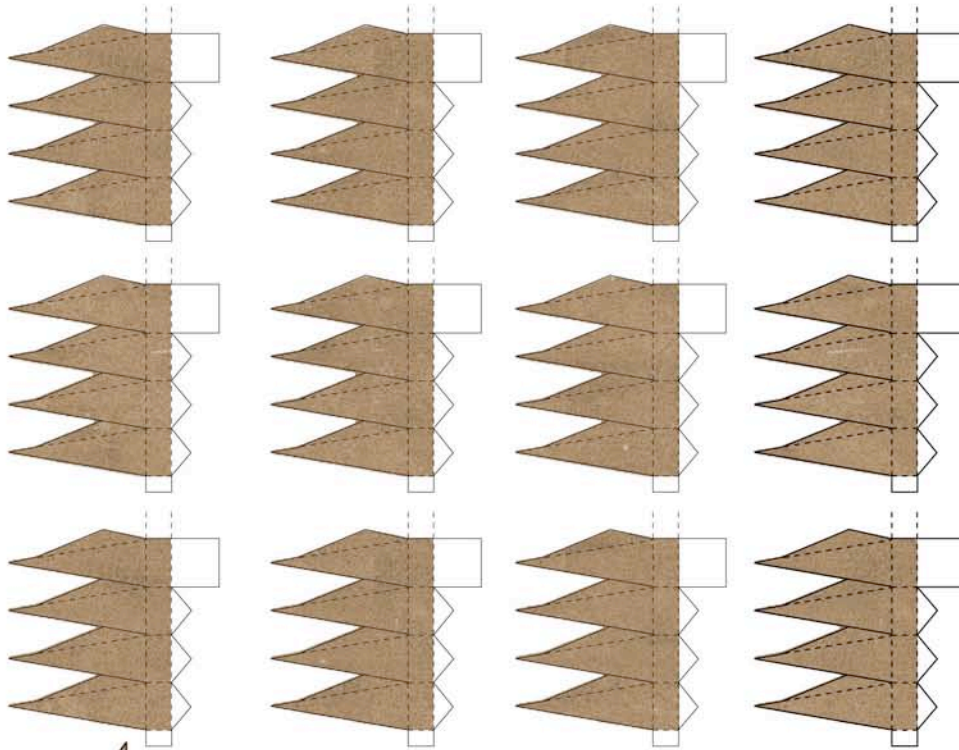


left wing
cornices



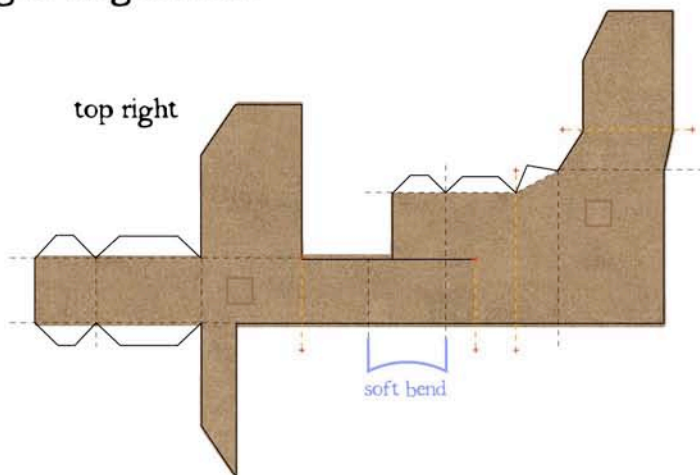


finials 13A

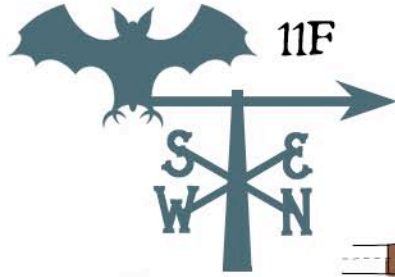


4D

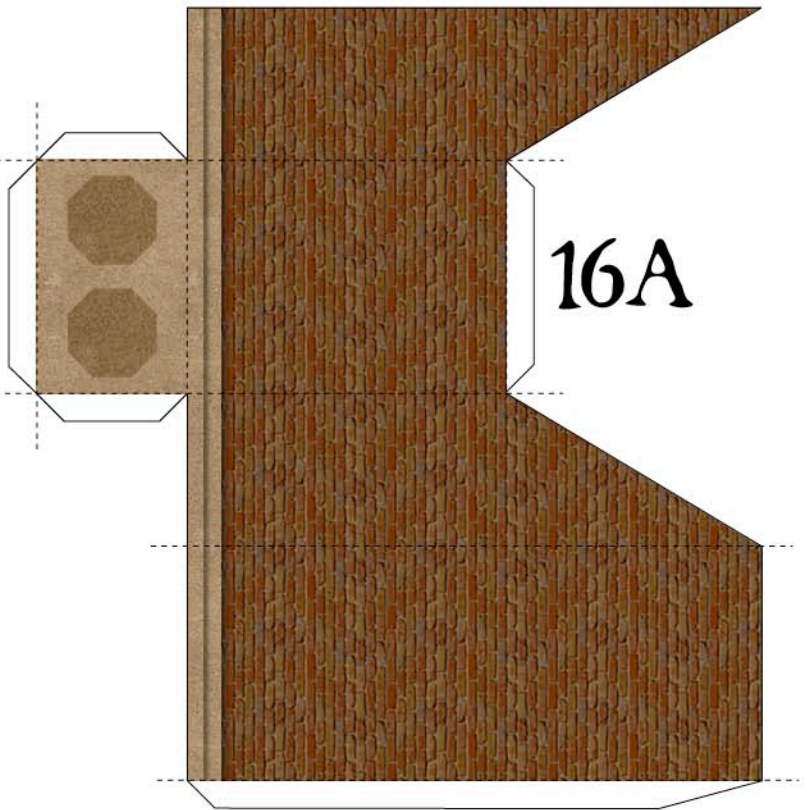
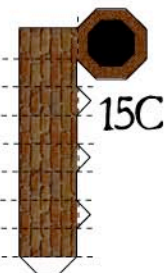
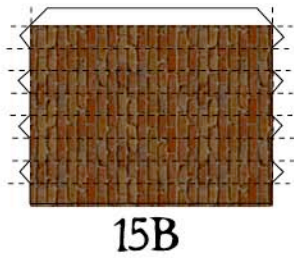
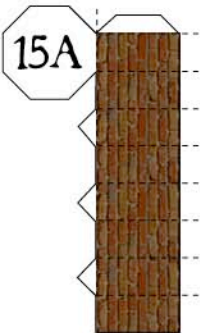
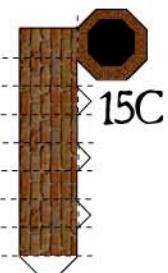
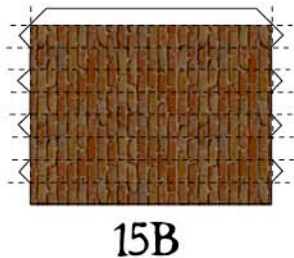
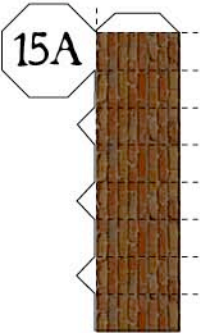
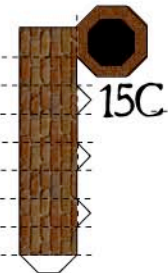
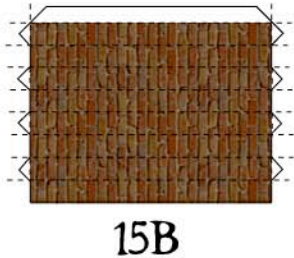
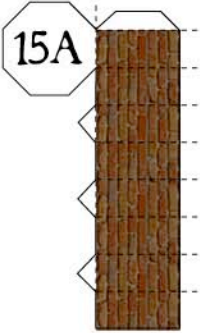
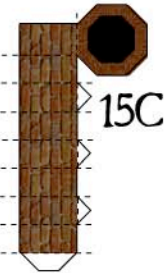
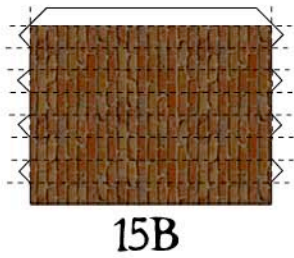
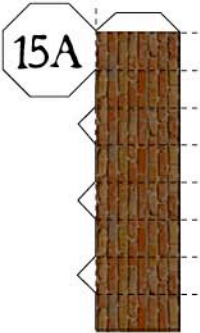
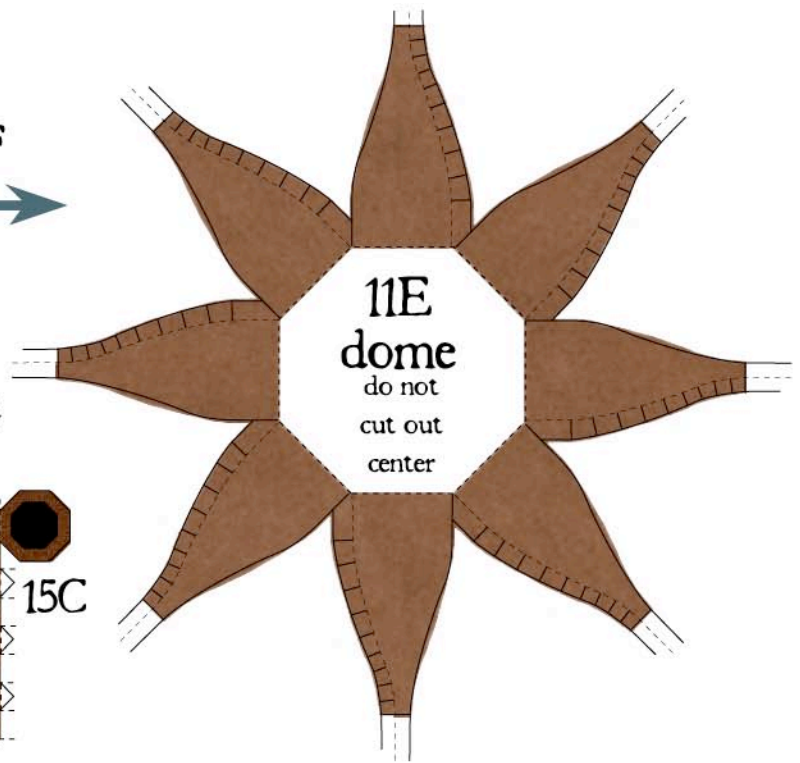
right wing cornices

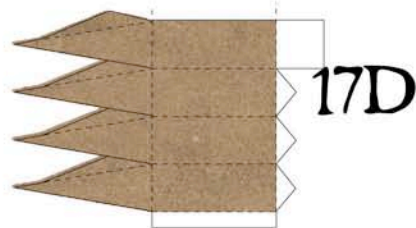
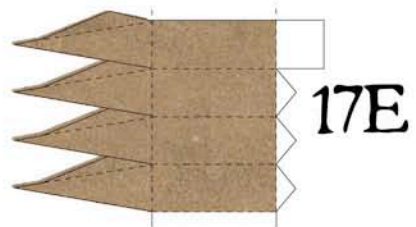
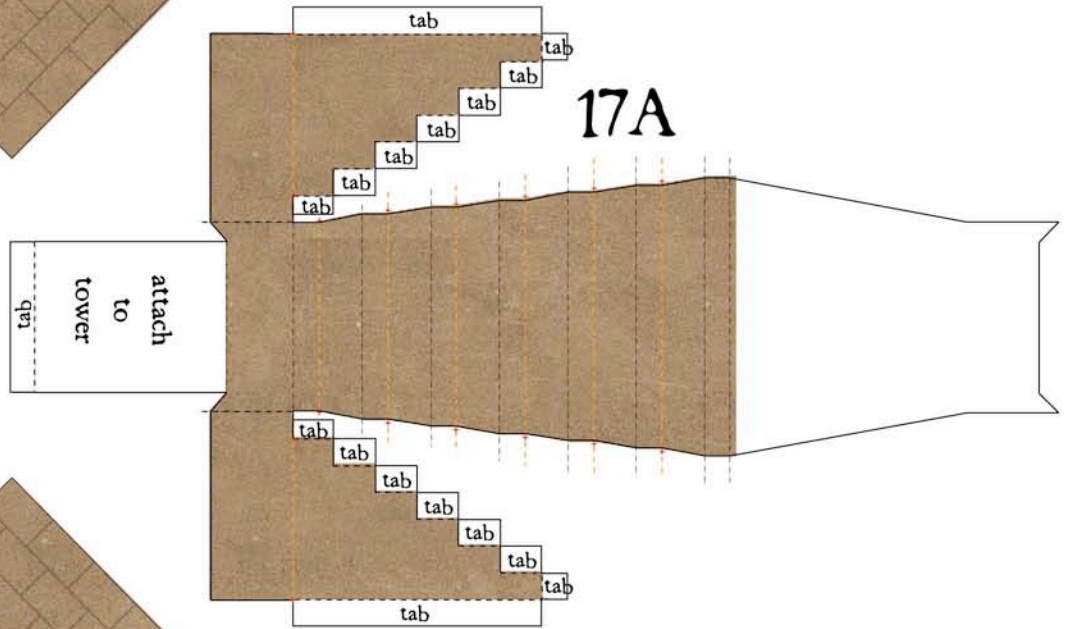
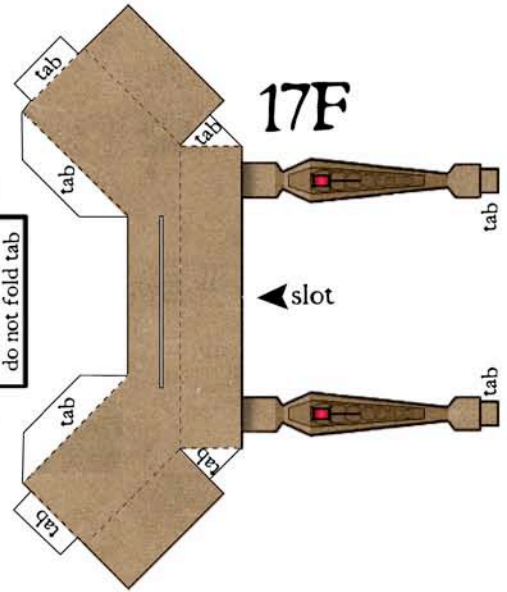
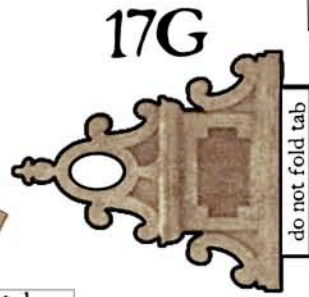
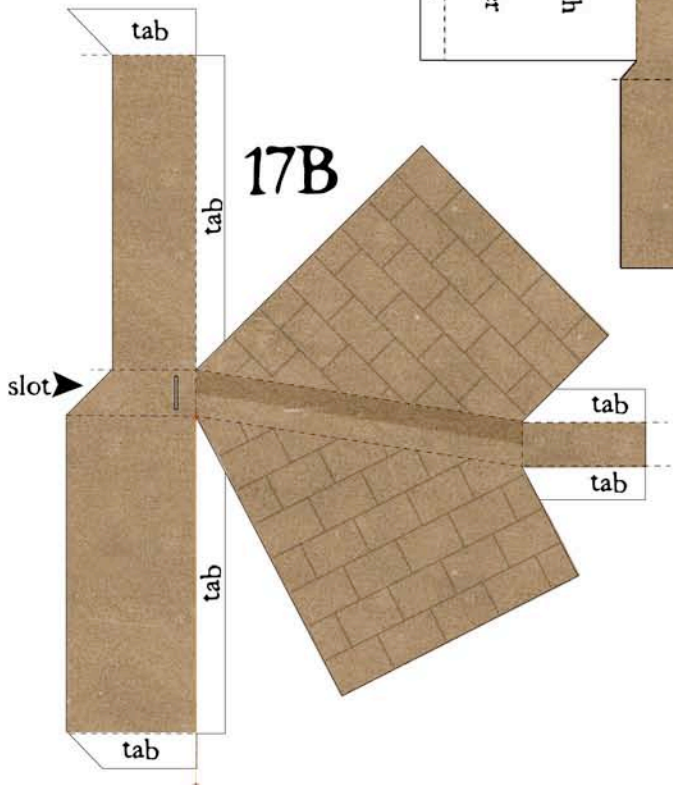
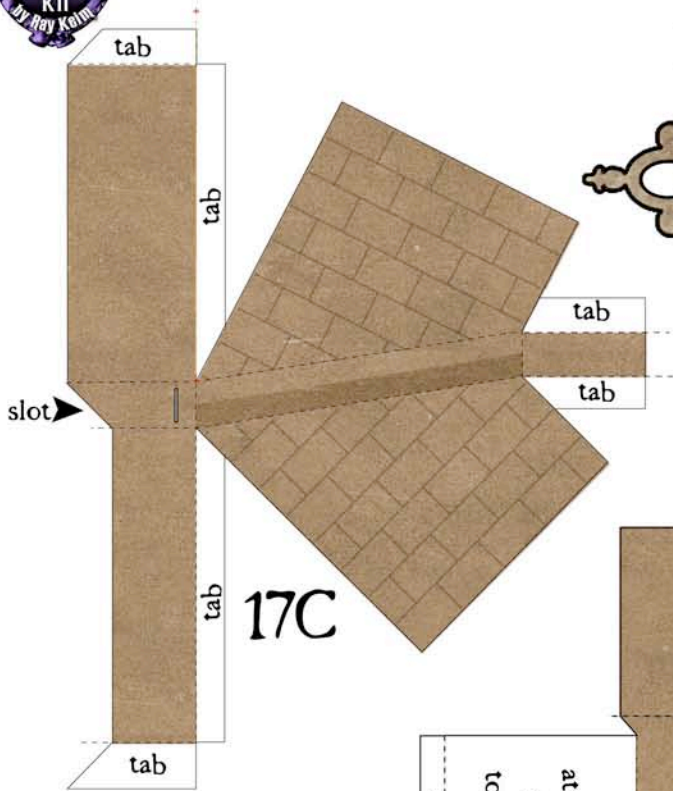


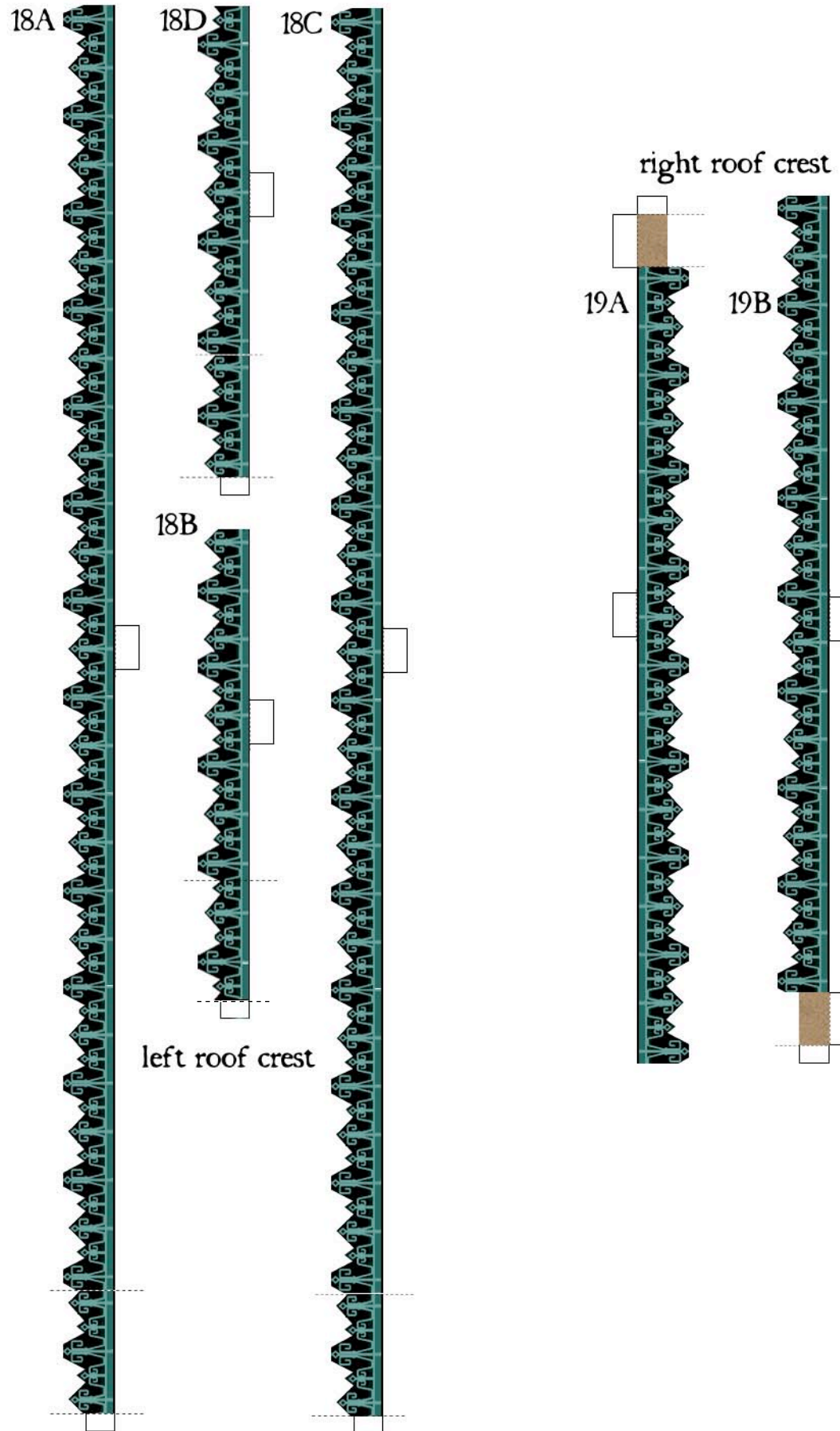
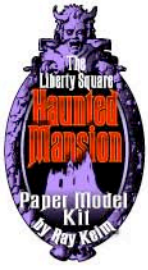
4E

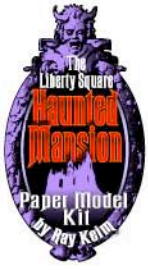


chimney stacks
for both chimneys

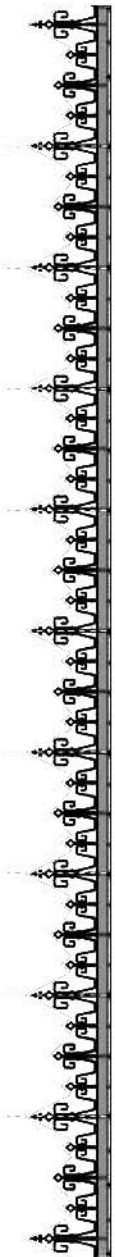








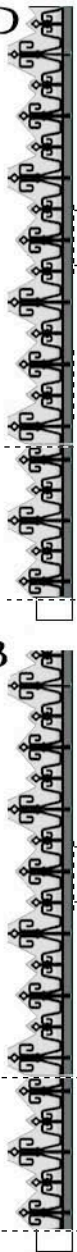
Conservatory
Crest



18A



18D



18C



18B

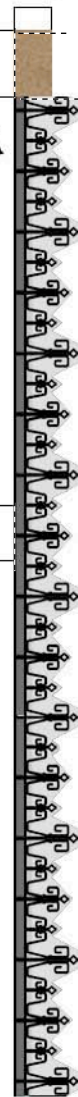


left roof crest

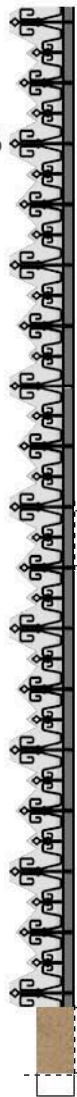
Optional Crests
for printing on transparency

right roof crest

19A

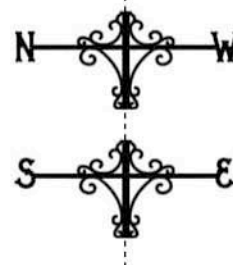


19B



weathervane

support the rod with toothpick or wire

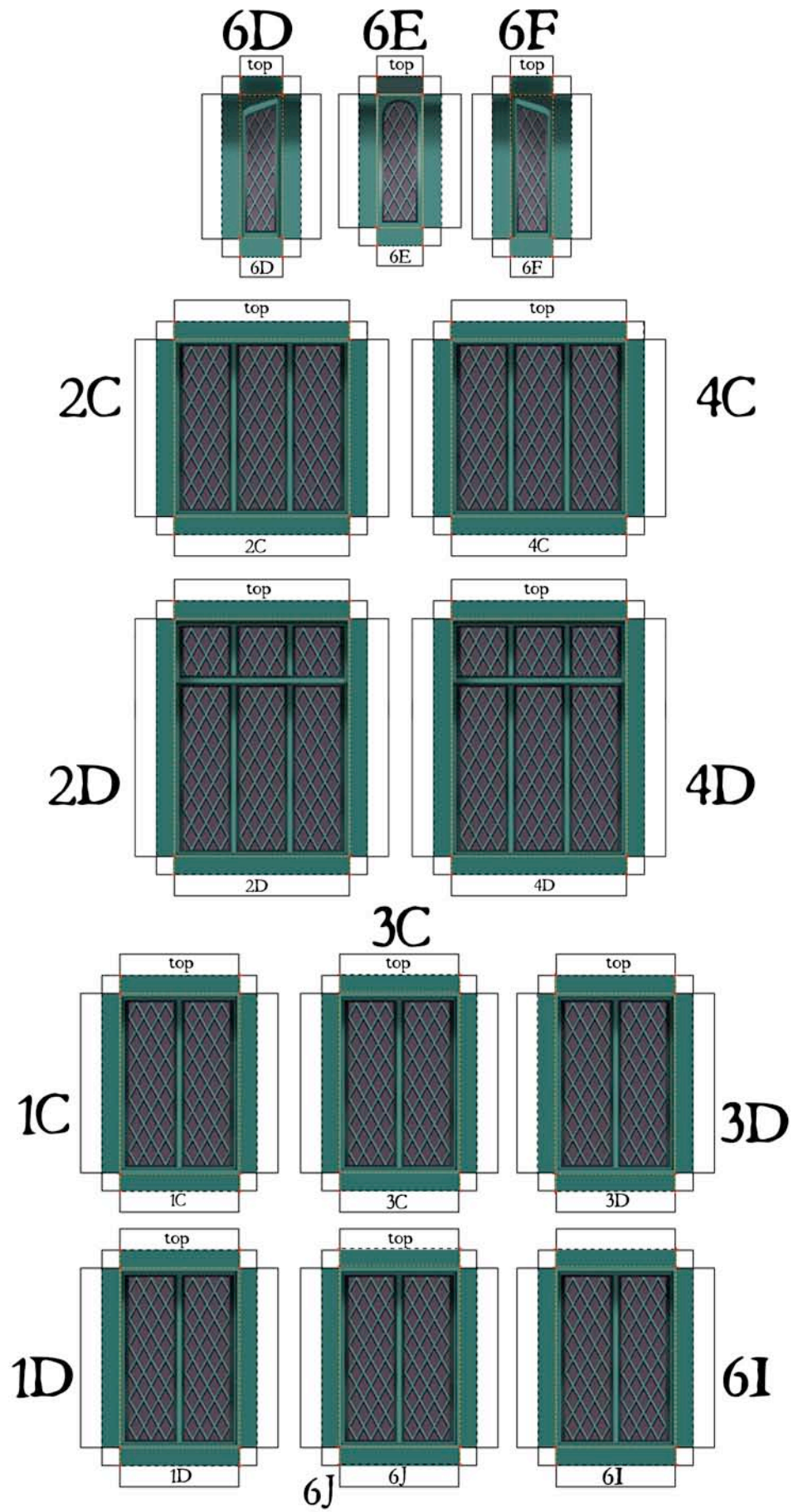
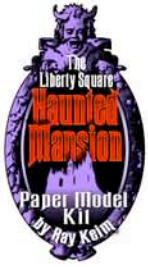


11F



11G

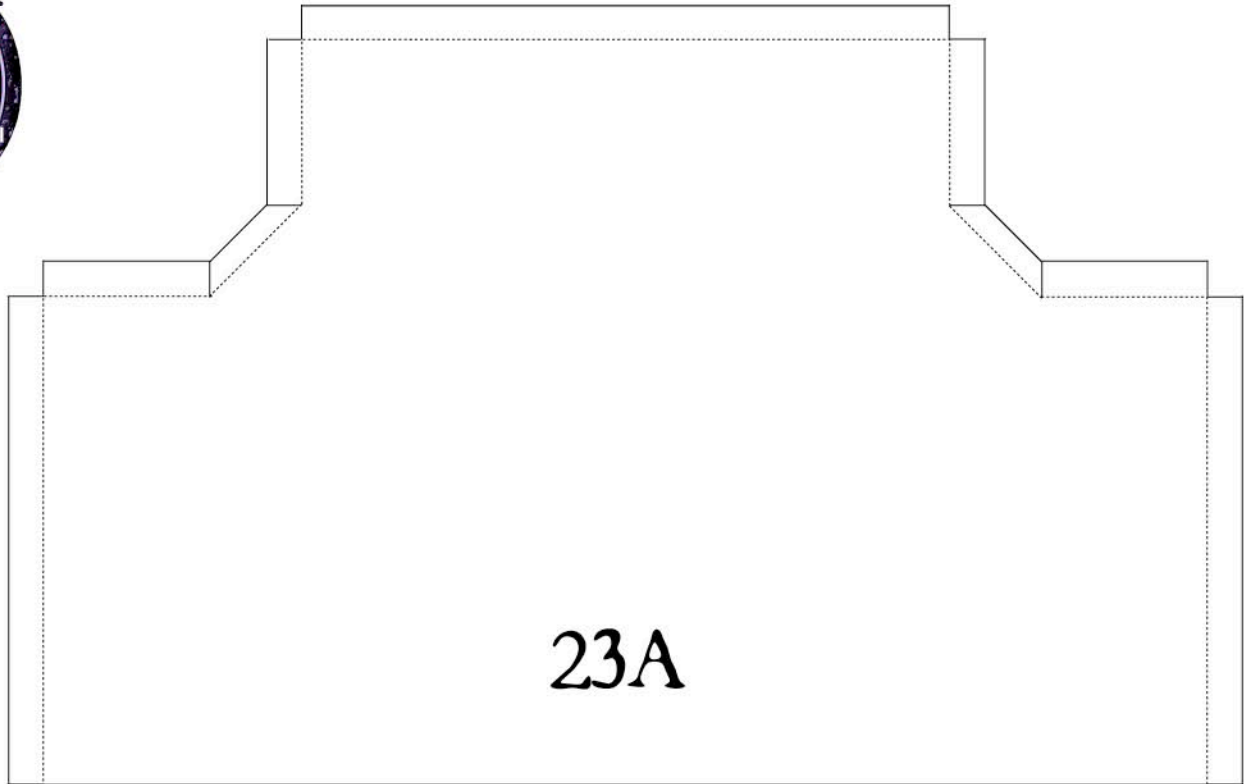






22A

right wing floor



left wing floor

