

CLASSIFIED

# HOMES

## THE BANK



FEATURED HOME

### About this listing

A foamcore wargame terrain project suitable for 28-32 mm miniatures. Listed by

# Stoelzel's Structures



FEATURED

### About this listing

Asking price: \$5.00

Lorem ipsum dolor ante in

# Classifieds

Do you remember reading in the paper about the mad scientist who built his own earth shattering death ray? Or about the would-be world conqueror who recently moved out of his mother's basement and renovated that old abandoned silo into the perfect evil lair. Well, both those entrepreneurial spirits needed more than a plan, they needed capital. They also needed a money lender willing to take risks, and also willing to turn a blind eye. This savings and loan building comes to bring just such a morally flexible economic option to your Stoelzel's Structures urban center. The bank build comes with an optional sliding vault door for in game cinematic action right where the money is.

Width: 6.25 inches

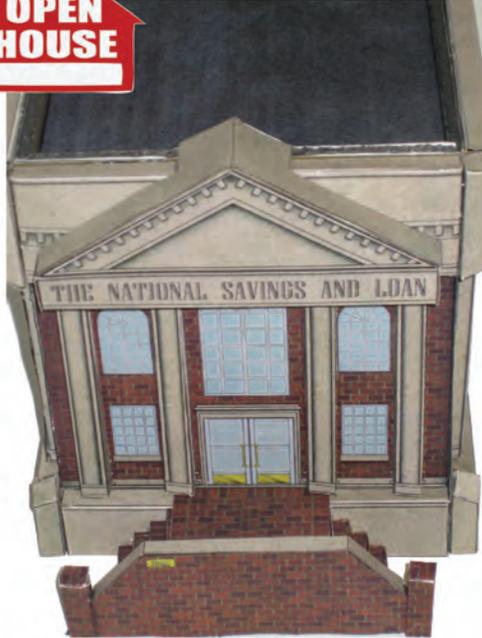
Depth: 10 Inches

Height: 7.5 inches

## ***NOW WITH ENHANCED BUILDING EXTERIOR OPTIONS***

*This product has been revised to include greater depth and detail for the bank exterior. The stonework offsets, and new, more elaborate patio are completely compatible with the original bank building. Build the simple bank first, and then add the details later, or dive right in.*

**OPEN  
HOUSE**



**Stoelzel's  
Structures**



**OPEN  
HOUSE**



*OPTIONAL SLIDING VAULT DOOR*



# Build instructions: THE BANK

## Legal

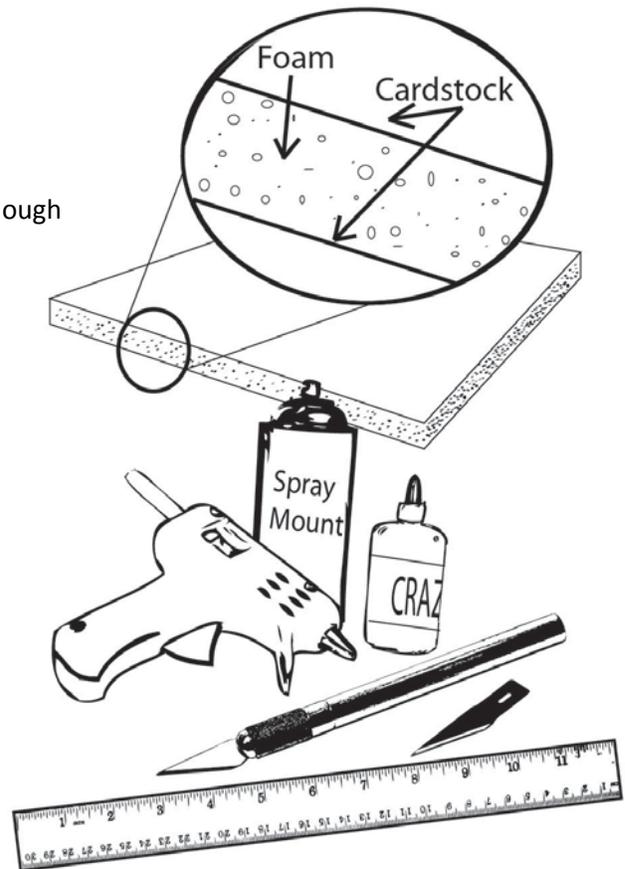
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## Forward

Given a baseline level of difficulty as simple folded cardstock square buildings with at most 6 folds and three glue tabs, than this model is of intermediate difficulty. It was designed to be made primarily of foam core, and often requires the modeler to line up pieces of artwork on both sides. This model will take between one and two hours to build.

## Materials

- 1 large sheet of 5 mm thick foamcore
- Thin Cardstock, a used cereal box should be about enough
- A straight edge (metal rule is preferable)
- A sharp blade (for example an X-acto knife)
- Gluegun and glue sticks
- Cyanoacrylate (Crazy Glue)
- Full sheet label paper (Optional)
- Spray mount and fancy printing paper (Optional)
- A Rabbet cutter (optional)
- A small (~5mm) chiseling blade (optional)
- Black magic marker (optional)



# Techniques

## Mounting

Most pieces of this building have images for the front and back of the foam core support structure. As such, great care should be taken when aligning the pieces. There are two options available to mount the artwork onto the foamcore.

The first option is to print out all the art files onto full sheet label paper. This provides a very simple assembly: peel the back and stick. However, the quality of full sheet labels can be hit or miss, and, in the worst cases, can lead to peeling terrain.

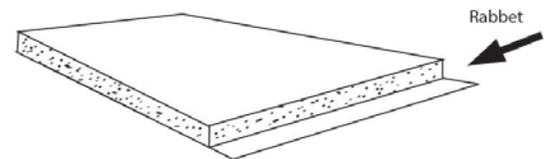
The second option is to use aerosol glue like spray mount or photo mount. Generally these come in two types, a permanent fix and a temporary fix which lets you take the pictures back off later. The temporary fix glue is good if you don't trust your ability to align the two sides, but like the label paper CAN lead to peeling terrain down the road. It should be noted that both of these sprays is that they can be messy and smelly. Please follow all directions on product chosen.



## Rabbeting

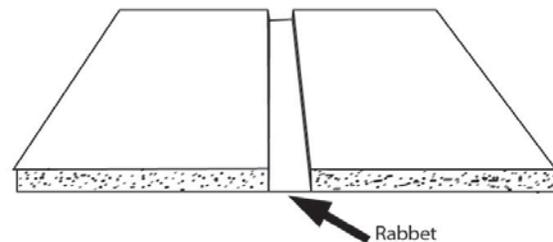
Sections which need rabbeting are indicated in the pictures by large blue boxes.

Making a rabbet on one of the pieces of foam, allows us to create a stronger joint when joining ends of two foamcore pieces. This is accomplished by creating a slot or groove to receive the edge of the other foam core piece. This ensures that the seam of the joint is surrounded on three sides. Rabbeting your corners and joints also helps hide exposed edges of foam.



A rabbet joint is made by cutting only partially through a piece of foam core while leaving the opposite side of card stock backing still intact. One must be careful not to cut all the way through, as this could ruin the images on the other side, and also make the piece un-useable.

T intersections where an end piece of foamcore butts up against another perpendicular piece of foamcore can be made stronger and smoother using an interior rabbet joint. These are a bit trickier, but not that difficult to do. An example can be seen here.



There are a lot of tools available online called foamcore rabbet cutters than can make doing rabbets somewhat easier for the modeler. These rabbet cutters fix the angle and depth of the cutting blade, thus preventing cut through. If you don't have a rabbet you can do these same cuts with a simple blade and a little care.

# Build Instructions

## List of major parts

A	Front exterior	M	Vault wall exterior
B	Right side exterior	N	Vault wall interior
C	Rear exterior	O	Second floor main wall exterior
D	Left side exterior	P	Second floor main wall interior
E	Front interior	Q	Stairs to upper offices
F	Right side interior	R	Stairs to upper offices
G	Rear interior	S	Stairs to Vault
H	Left side interior	T	Stairs to front door
I	First floor flooring	U	Roof
J	Trim going down to vault	V	Second floor wall divider
K	Vault flooring	W	Second floor wall divider
L	Second floor flooring	X	Roof supports

**1.** Locate and cut out the four sides of the building (**A,B,C,D,E,F, G and H**).

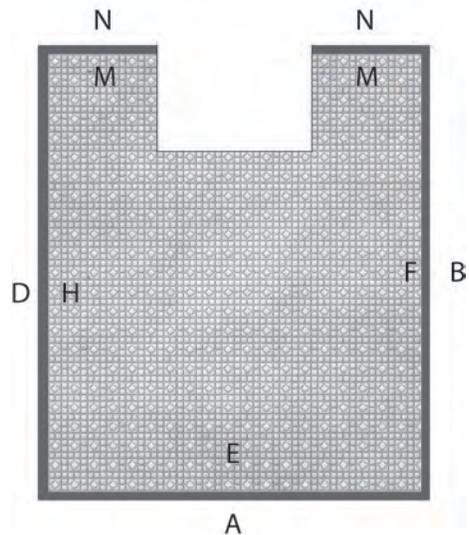
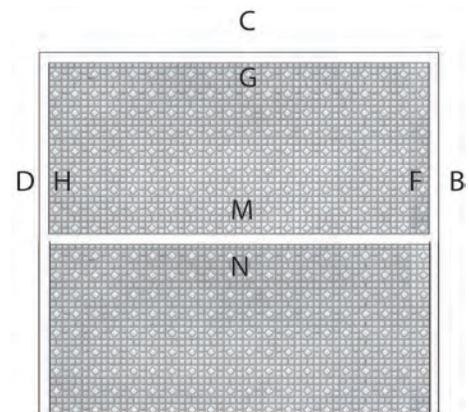
The outer walls of the building have two separate art pieces each (for example **A** and **E** together and **C** and **G** go together). Place one of these (**A**) on a piece of foamcore with the straight edge to one side. Once test fit for size, mount the picture on the foamcore. Using a straight edge as a guide, cut out along the outer black lines to remove the piece.

Now that one side of the panel is attached, locate the corresponding piece (in this case **E**). Using the same straight edge that was used as reference before, place the image on the opposite and test fit it. Once you are happy about its placement, go ahead and mount it. Repeat this for the four outer walls.

**IF** you wish to remove the windows and doors, now is the time to do it. Be sure to leave the window/door frames intact which cutting along the item.

.....Oops. One potential error that can be made here is not aligning the doors and windows properly on the two sides; this is painfully evident when you cut through the foamcore. To correct this, or rather, to hide this, additional window frames can be found at the end of this document. They are purposely oversized to accommodate a couple millimeters of error.

**2.** Take the four outer walls (pieces **D/H, A/, B/F and C/G**). There are blue boxes on the edges of these walls and these boxes should be rabbeted leaving the cardstock on the outside of the



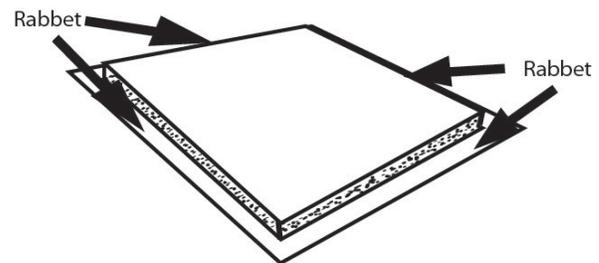
piece somewhat longer than on the inside.

On the inside of each, there are also small blue boxes in the middle of the first floor that indicates an internal rabbet. These are a bit trickier. Cut along the side and top of the blue box without cutting all the way through. Using a chiseling blade or very carefully using a regular blade start to cut the foam block from the wall, working from the exposed bottom to the top. Gently pull away the foam as you work up.

**[Builders tip: I recently found that a small flat screwdriver about five mm wide can serve as a great chisel in a pinch]**



**3.** Locate the flooring for the first floor (I) the vault floor (K) and cut away scrap paper. Test fit on a piece of foamcore and mount. Rabbet the border along the edge of the flooring leaving the underside card intact.



Repeat this for the two second floor flooring section (L).

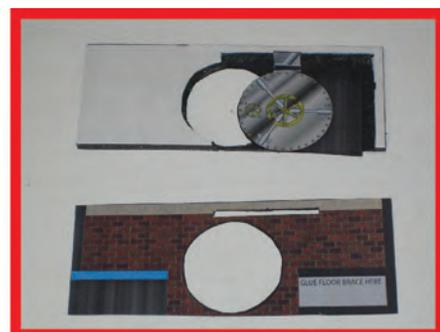
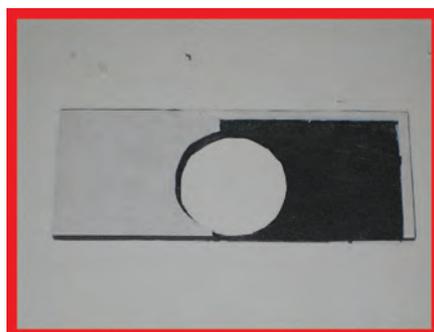
**4 (non-sliding door).** If you are **NOT** using the sliding door option in your bank build, Locate the standard Vault Interior wall for the (L, M). Mount one of these on foamcore. Cut out and mount the reverse side on. Ensure the piece lines up front and back. Trim.

If you wish to remove the doors, now is the time to do it. Be sure to leave the door frames intact which cutting along the item.

**4 (sliding door).** If you **ARE** using the sliding door option in your bank build, Locate the optional sliding vault door, and the sliding door mechanism template, the alternate vault wall exterior (M alt), the vault wall interior (N), and the floor brace.

**a.** Mount the standard vault wall interior piece (N) onto foamcore. Cut along the outer black line to remove.

**b.** Mount the template onto the other side of piece N. Cut through the door opening and remove. Rabbet out the blue area.



**c.** Mount the optional sliding vault door onto cardstock. Cut out and fold in half. Glue the two halves together. Score and fold the tab located above the door, ninety degrees toward the exterior of the vault (toward the front of the building).

**d.** Place the door into the area rabbeted out in step 2. Slide it back and forth to test the fit. Leave door in place for next step.

**e.** Mount the remaining outer wall image (**M alt**) onto card stock, cut out and trim. Use and glue stick, or sparing amount of glue on the white areas of the template side to attach this cardstock to the foamcore.

**f.** Mount the floor brace onto foamcore, cut along black line to remove. Mount the floor brace in the area indicated on piece **M alt**.

**g.** Find the first floor flooring section (**I**) and trim the black border located to the right of the vault of the door. Remove this 4-5 mm back to the edge of the tiles.

**5.** Assemble the main building structure together as follows.



**a.** Test fit the four building walls around the flooring (**I**). Once you are confident with the fit, glue the right side exterior wall (**F/B**) down to the floor (**I**).

**b.** Slide the vault door wall (**M/N**) into the rabbet found on right exterior wall (**F/B**). Glue in place.

**c.** Slide the first floor flooring into the rabbets found on the left wall (**F/B**). If you did **NOT** use the sliding door, this floor will also slip into a rabbet found on piece **M/N**. If you **DID** use the sliding door, the floor should rest on the floor brace.

**d.** Glue the front wall (**A/E**) to the floor. Make sure the first floor flooring (**I**) slips into the rabbet found on the front wall.

**e.** Glue the left wall (**D/H**) to the floor. Make sure the first floor flooring (**I**) slips into the rabbet found on the left wall.

**f.** Glue the vault floor under the vault, by gluing to both left and right side walls.

**g.** Glue the rear wall to the left and right side walls and the vault floor.

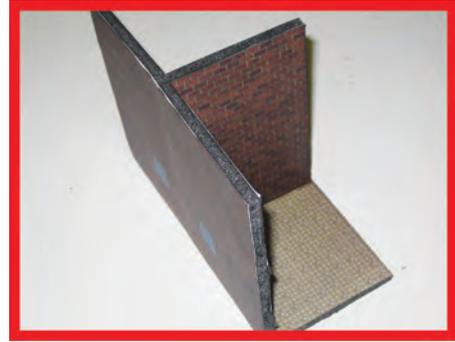
**6.** Assemble the second floor. Find the second floor flooring section (**K**). Mount the Second floor main wall exterior (**O**) and the second floor wall divider (**V**) onto foamcore. Cut along the black outer line to remove. Flip the pieces over and mount the corresponding wall images on the reverse side (**P** and **W** respectively).

The light blue box on piece **P** and on piece **K** indicate places to make interior rabbets.

Glue the front second floor wall (**O/P**) to the rabbet made on piece **K**. Make sure the rabbet on the wall faces toward the tiled floor on piece **K**.

Slide the wall divider (**V/W**) into the rabbet on piece **O/P** and glue in place.

This floor section may now be placed over the vault. DO NOT glue in place.



**7.** Locate the trim going down to vault (**J**) mount onto cardstock. Cut along the black outer line to remove. Fold along the two black vertical lines, 90 degrees each so that images are on the inside of the bends. Glue this piece into the alcove in the floor section (**I**) that is directly in front of the vault.

**8.** Locate and cut out the four stairway sections (**Q,R,S,T**). Mount each of the stair walls on a piece of card stock. Cut along the black outer line to remove.

Fold the walls at the bends (90 degrees) so that the artwork faces out.

Fold the stair risers/runners 90 degrees each toward the opposite side of the stairs. Use the white tab found on each to glue to the inside of the stairs.



Glue the smallest stairs (**S**) into the small alcove section in front of the vault. Glue stair section **T** to the front of the building just under the front door. The remaining two stairs (**Q** and **R**) lead up to the second floor office space. Glue in place.

**9.** Locate the roof supports, mount onto cardstock cut along the black outer line to remove. Score and fold along the black vertical lines 90 degrees each to form a corner triangular shape. Use the white tabs to glue into shape.

Glue the roof supports (flat side up) into the four corners of your building. These should end 5-7 mm from the top edge.



**10.** Locate the roof (**U**), mount onto foamcore. Cut along the black outer line to remove. Test fit with the building for a loose fit. Trim if needed. Roof top decorations are provided at the end of this build project to provide diversity, and to assist in gripping the piece for easy removal.

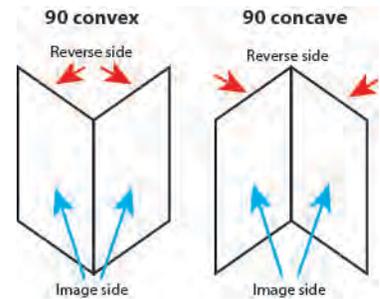
# Furniture Build Instructions

Print the sheets of room fixtures on heavy bond paper. Some of the flat pieces such as paintings, window frames, door frames etc you might like to mount onto thick card. Most the furniture will be too difficult to fold on thick card.

Cut out all your furniture and decorations. Draw around the edges of your cuts with black marker.

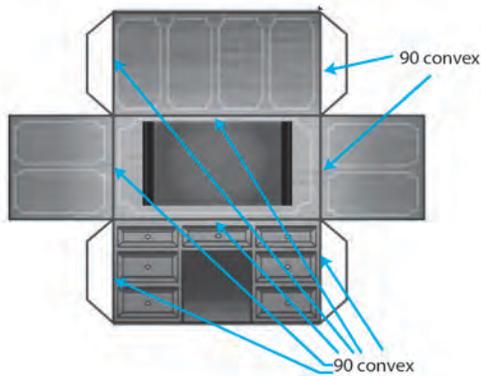
Fold along thick black lines. Use tabs to glue opposing sides of a piece or to glue a piece to the house.

**A note on folds:** There are two main types of folds you will need to make: Convex and Concave. Convex folds refer to any fold (90 or 180 degrees) where the images remain on the outside of the fold surface. Or in other words, the two sides of the fold are pushed away from each other. Concave folds are done in the opposite direction, with the images being brought toward each other.

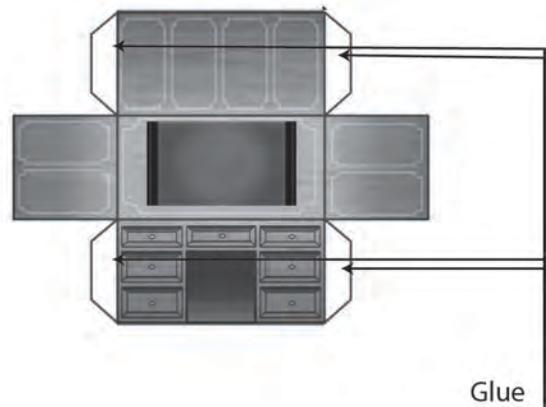


## Desks

**A**

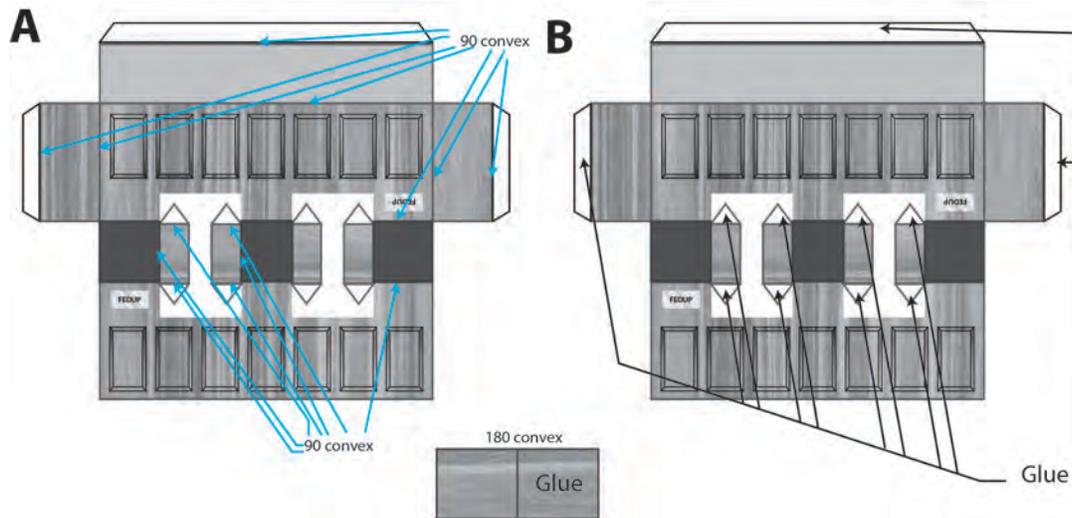


**B**



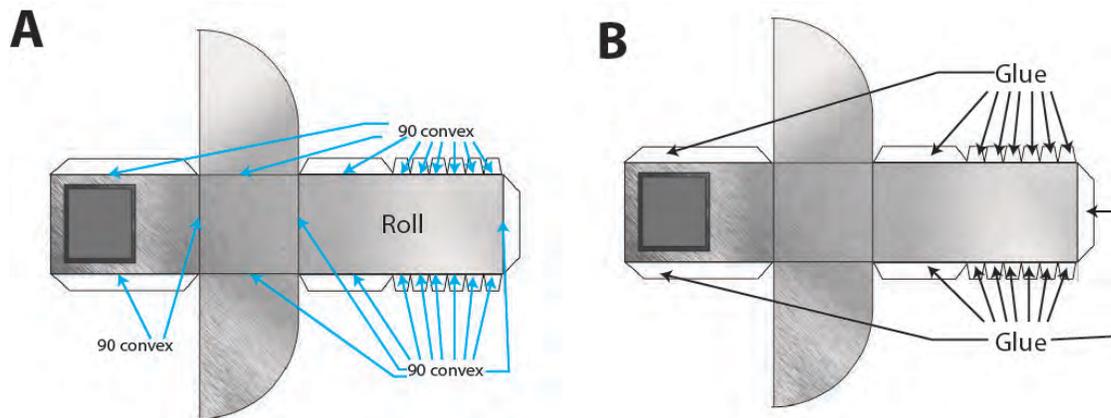
Desks are a simple cube once assembled. Fold along the four black lines that separate the top of the table (found in the middle) from the four sides. Then fold the four white tabs ninety degrees so that they tuck under the sides of the table. Put a drop of glue on the white tabs to permanently fix in place.

### Bank teller station



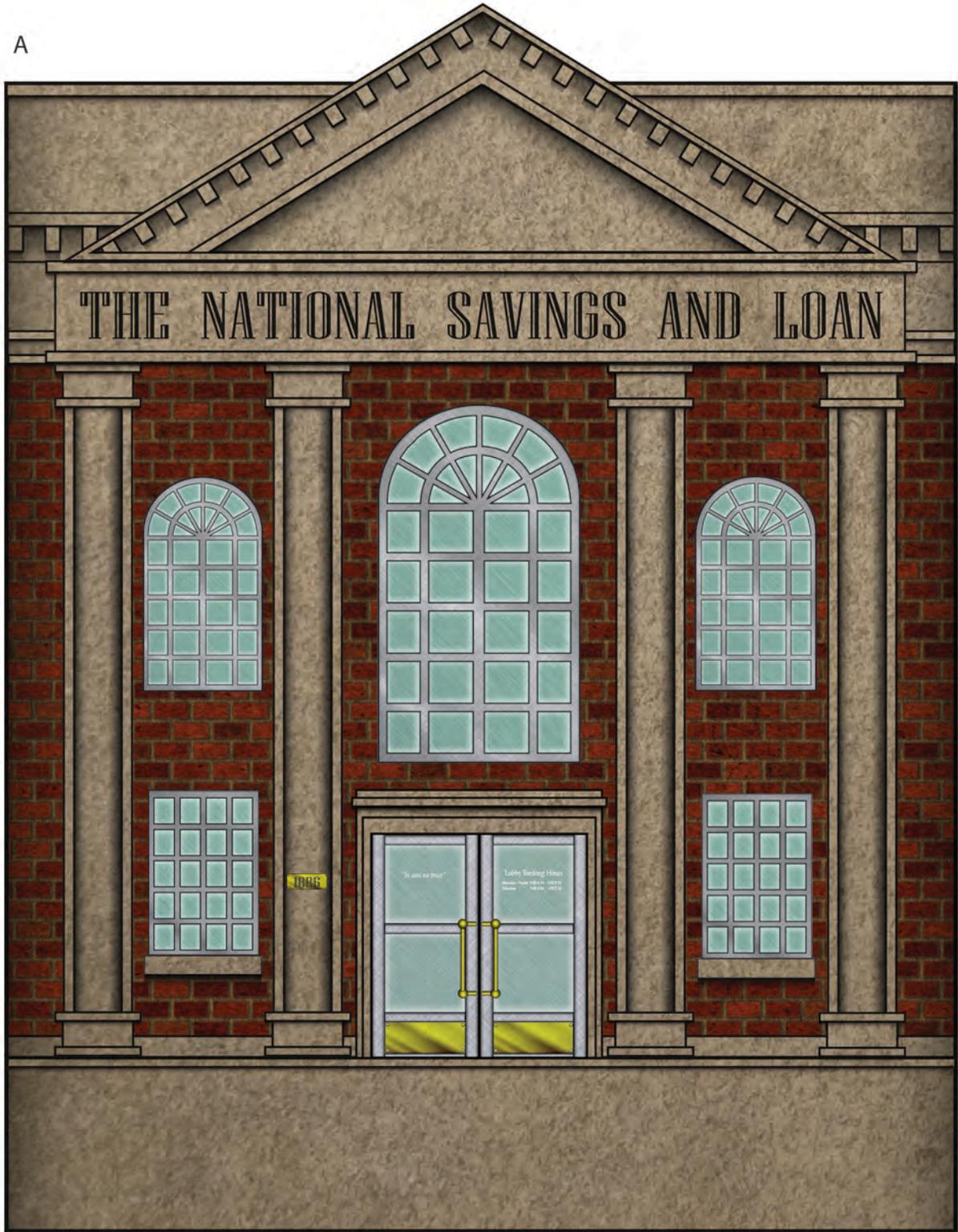
Start the bank tellers station folding the white tabs ninety degrees downward so they project under the surface plane. Each pair of white tabs is attached to light square of wood, follow that to the line separating it from the barker stained wood (the top of the station). Fold 90 degrees downward again. Then fold along the remaining black lines between the top and the long sides of the station. Glue the small triangular white tabs to the inside of the long sides of the station. Then you can fold the short sides, and the bottom to close up the station. Glue the white tabs. The table toppers are used to closes the wholes found on the top of the station. Fold them 180 degrees, and glue together. Push into place.

### Roof ventilation exhaust

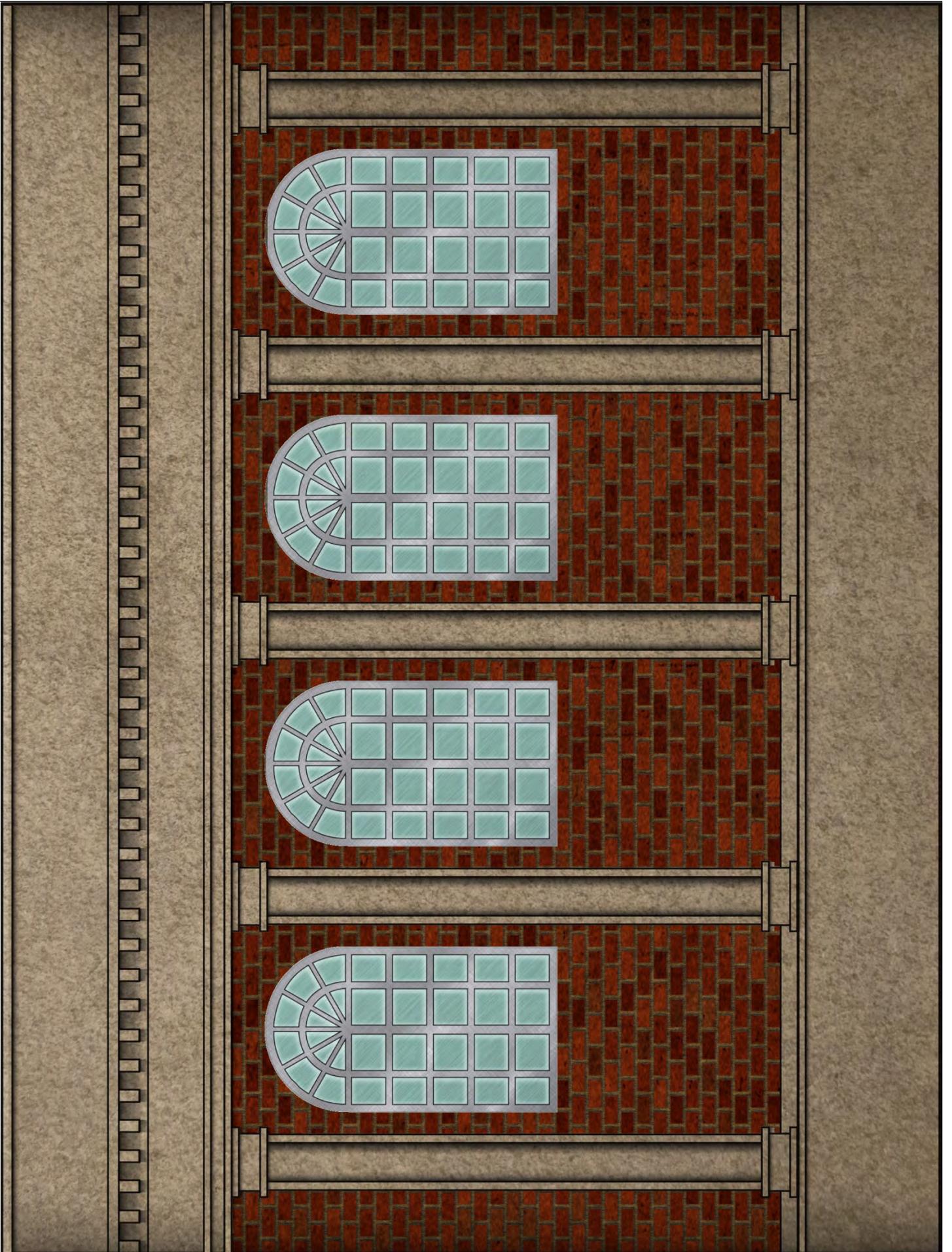


The square in the middle of the image is the bottom of the unit. Fold ninety degrees along each of the lines separating the bottom from the sides. Fold all the white tabs inward, and glue the four lowest white tabs under the adjacent side. Gently roll the top of the ventilation forward and glue the small tabs in place. Finally, glue the long white tab on the end under the front of the unit.

A



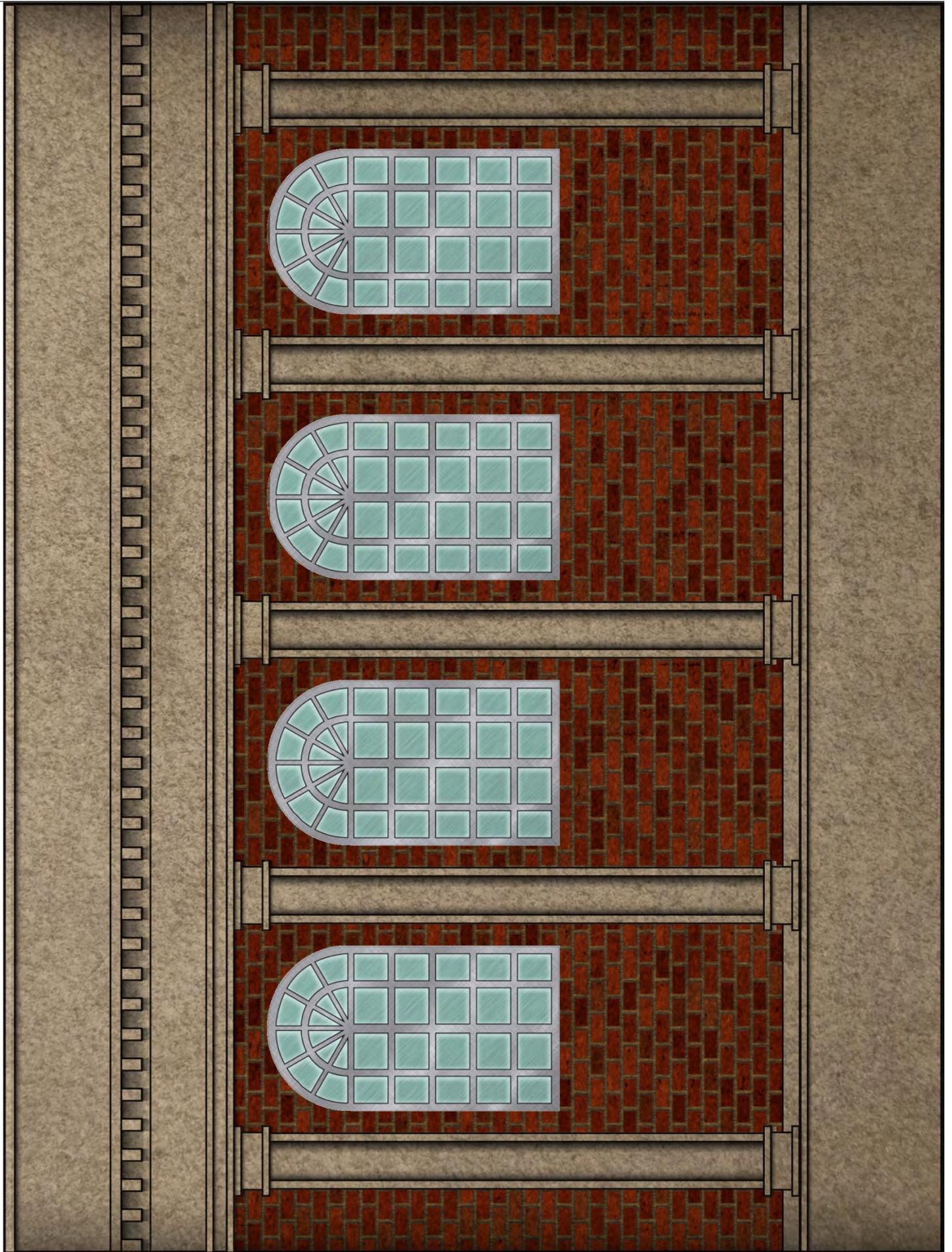
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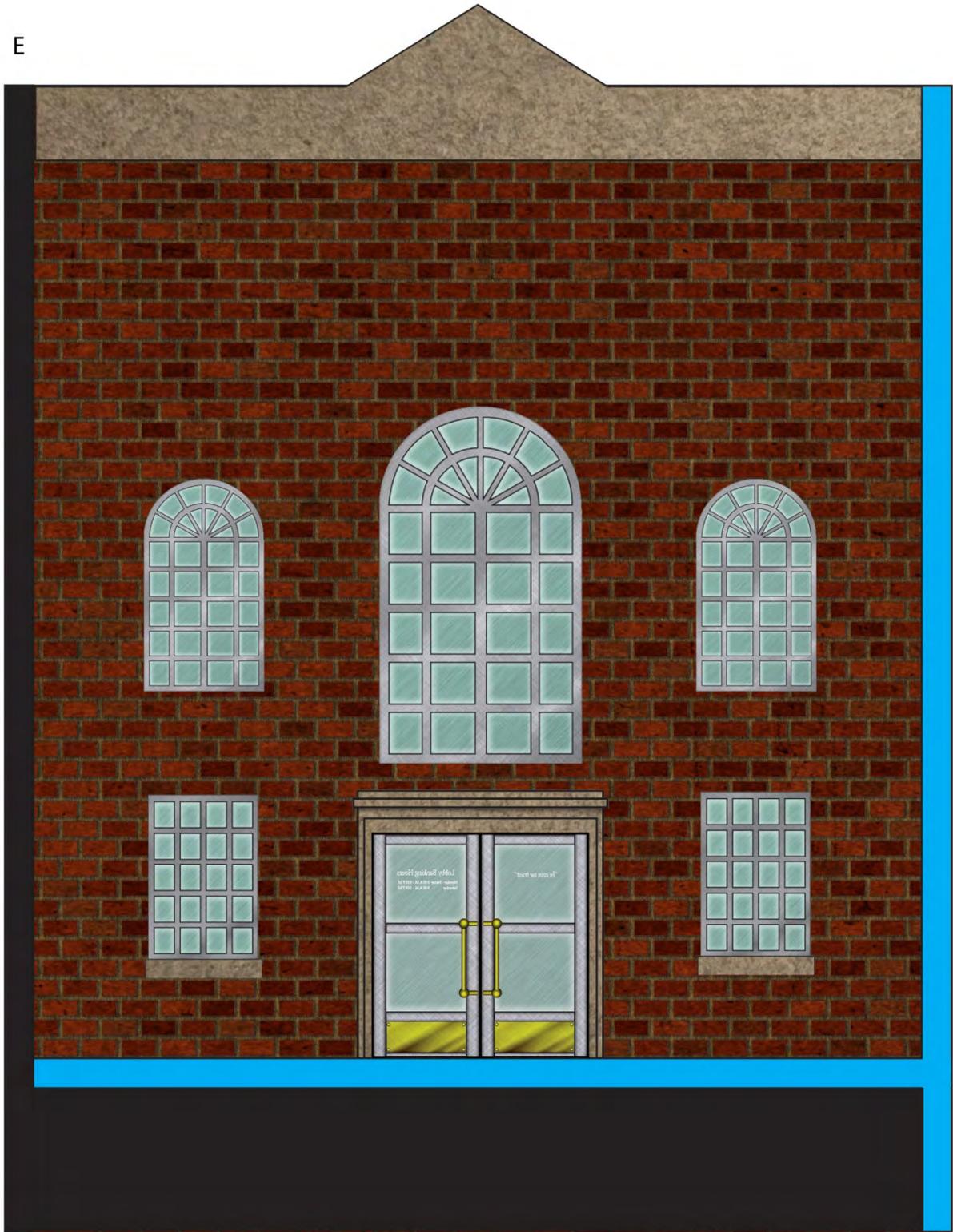
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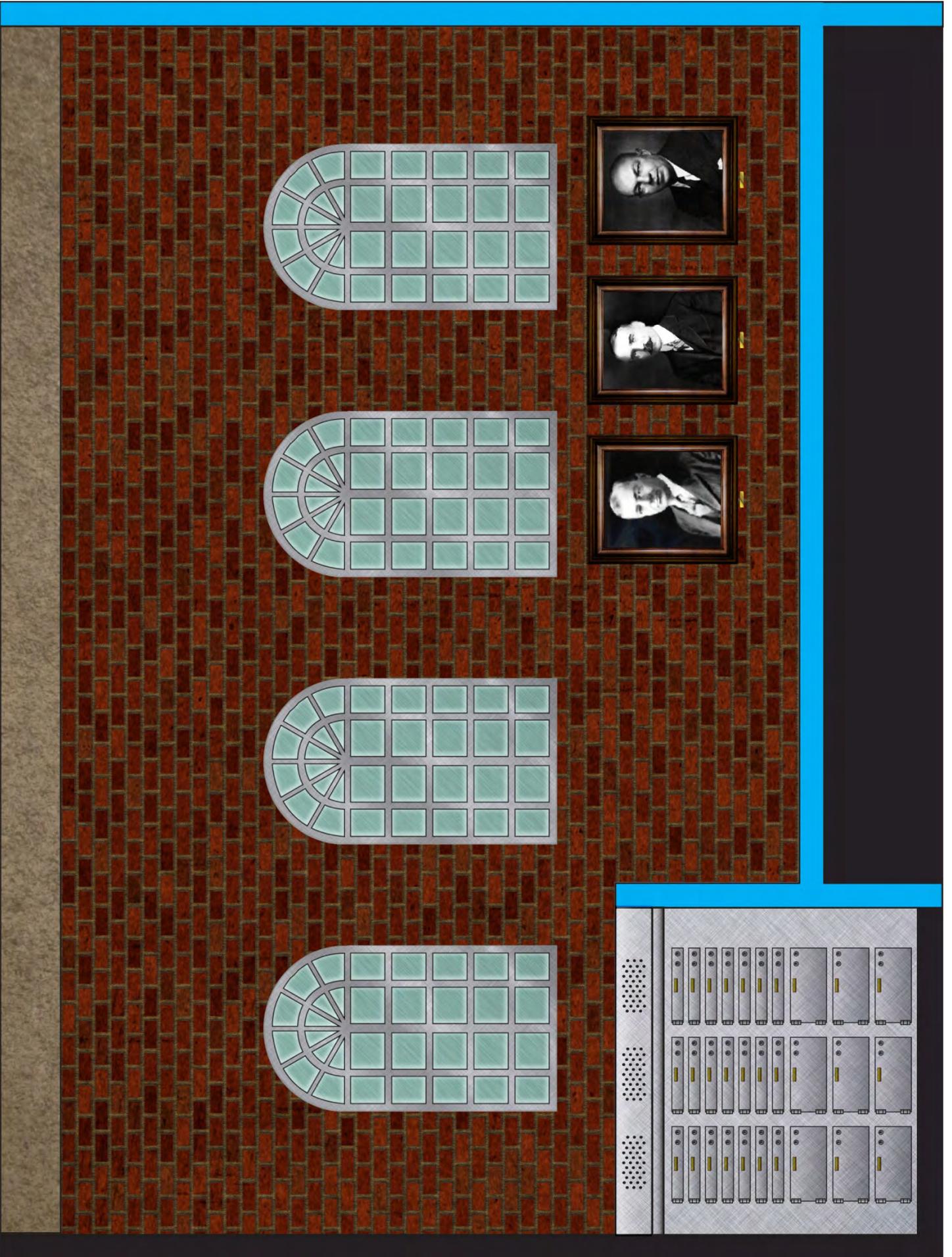


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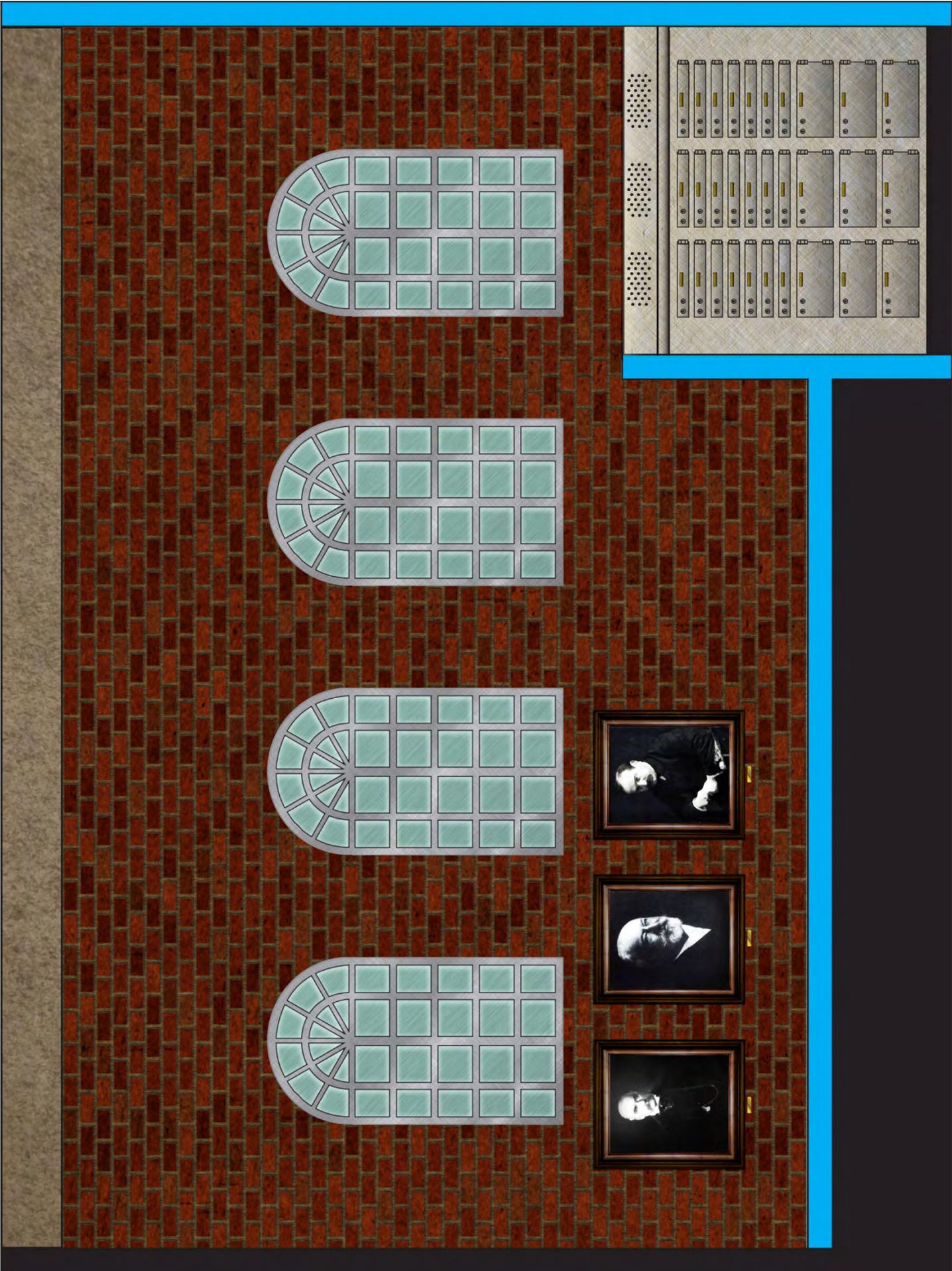
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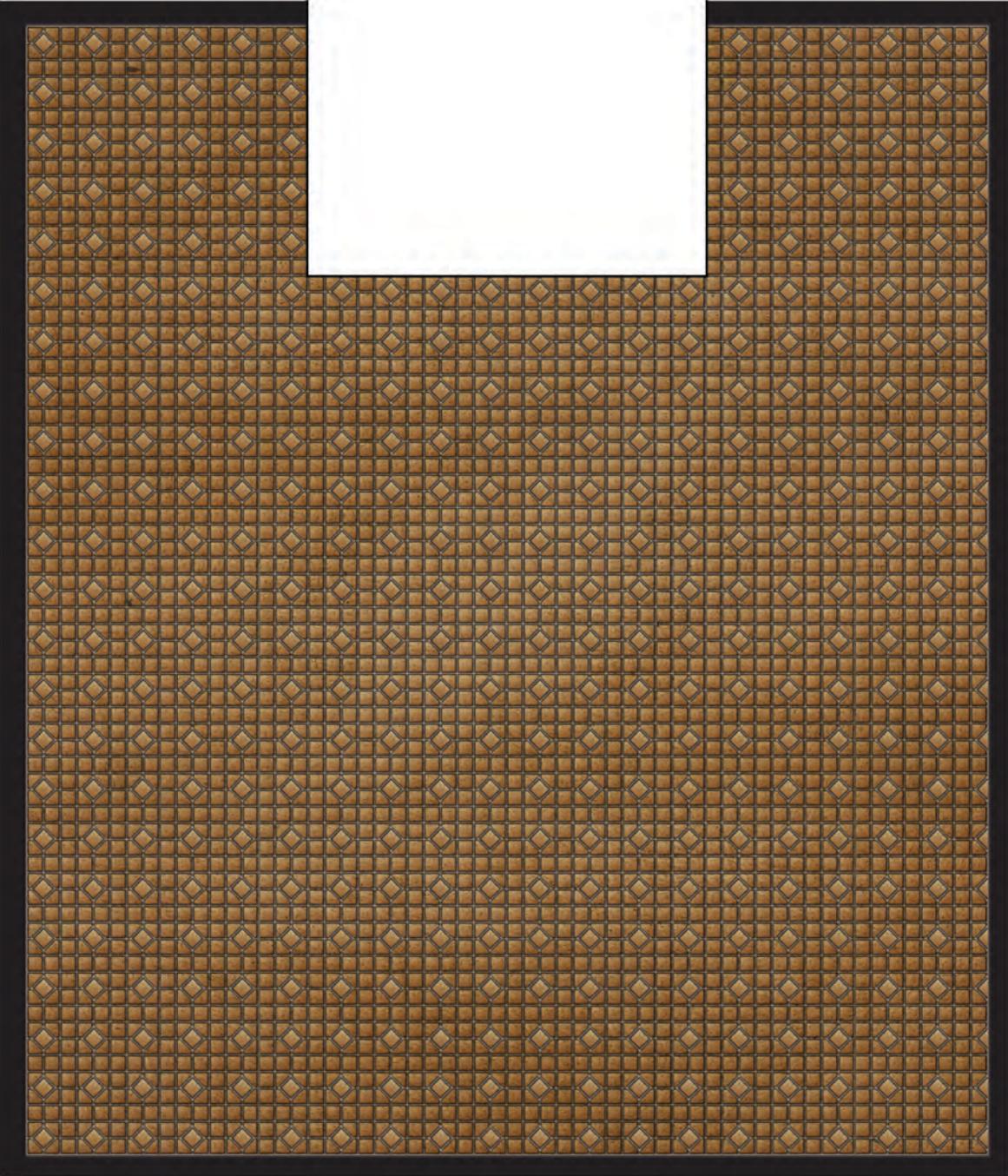
G





NOTE: IF you are installing the sliding vault door, you will need to trim this black edge off the floor. ↓

I



end here ←

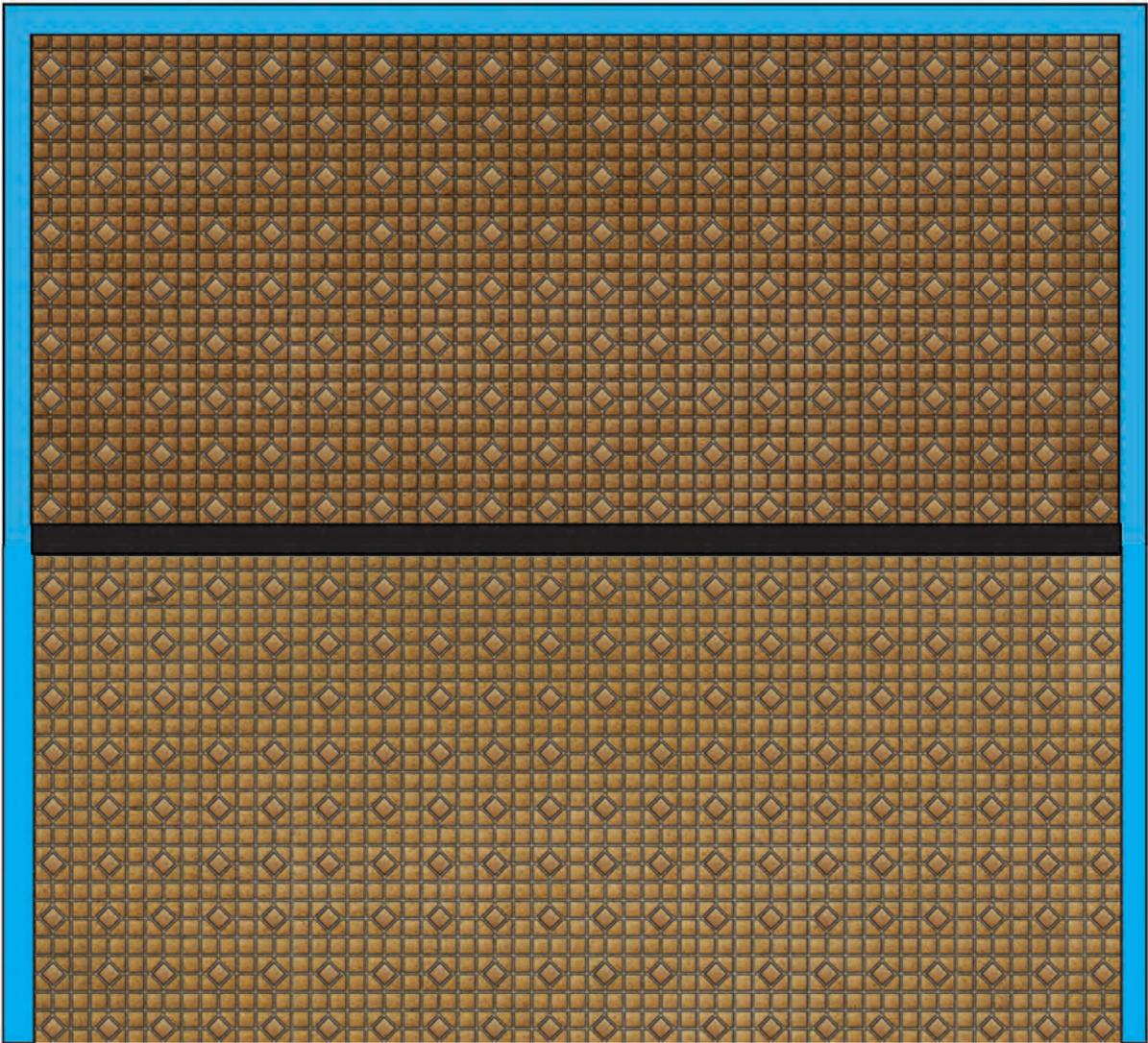
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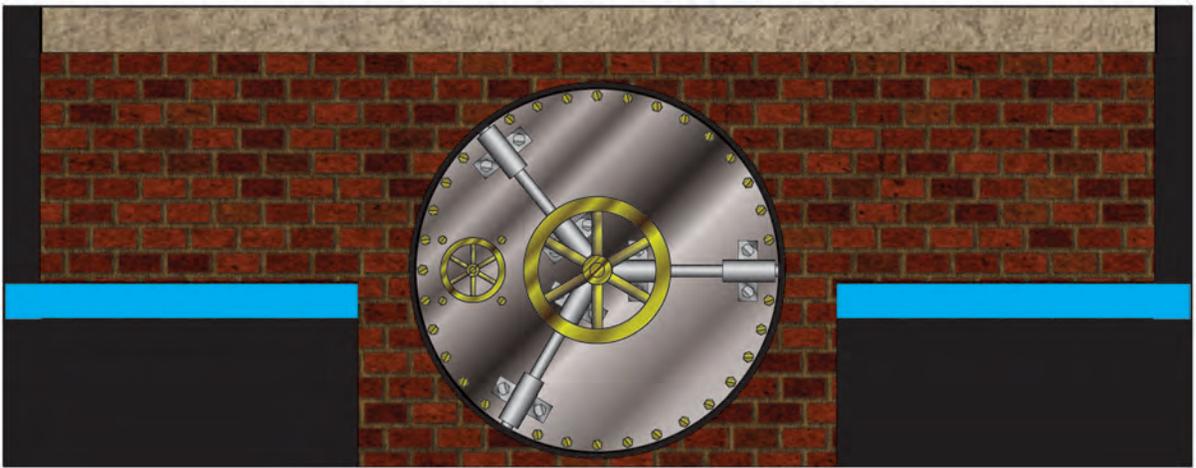
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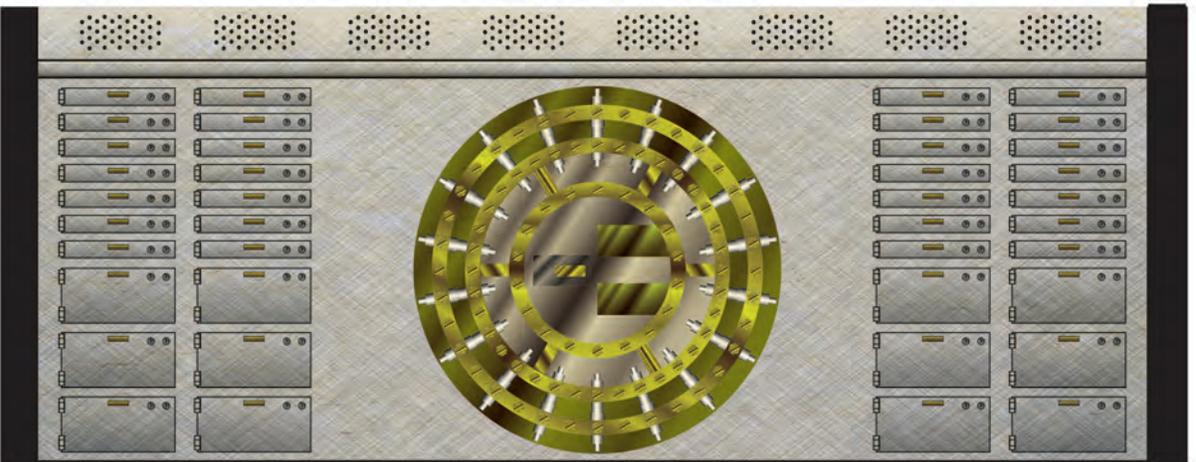
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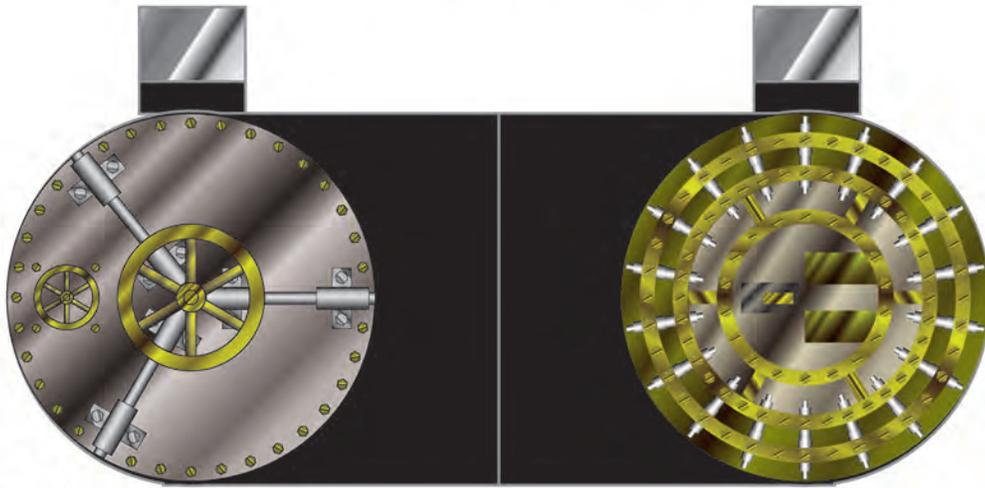
M



N



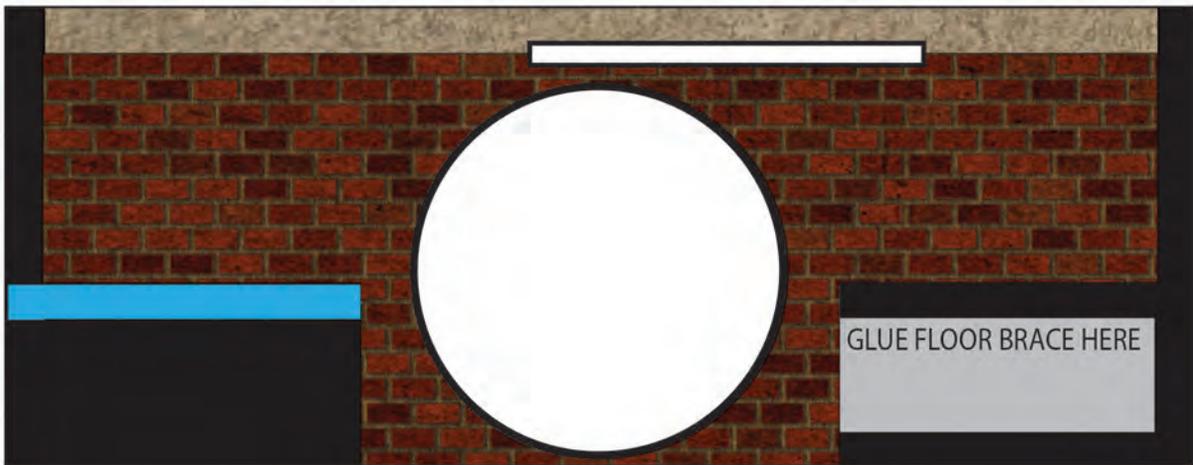
OPTIONAL SLIDING VAULT DOOR MECHANISM



(place under M)

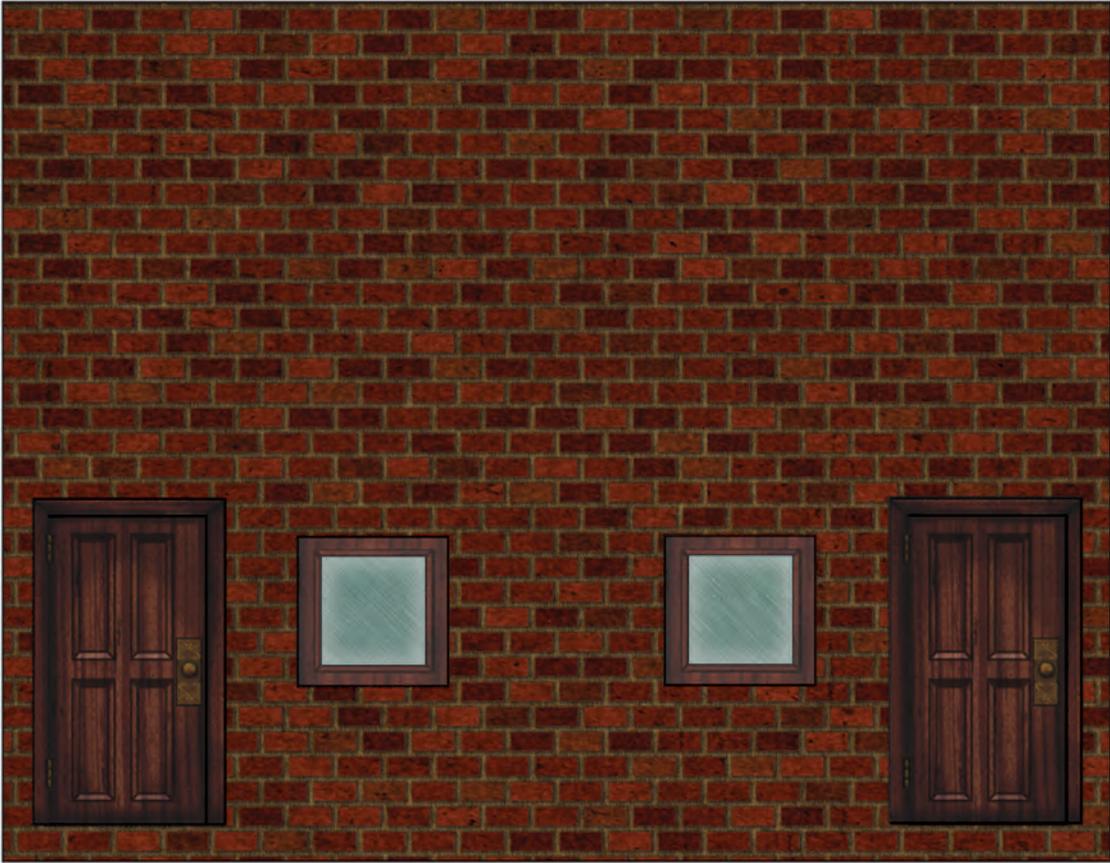


M (alt)

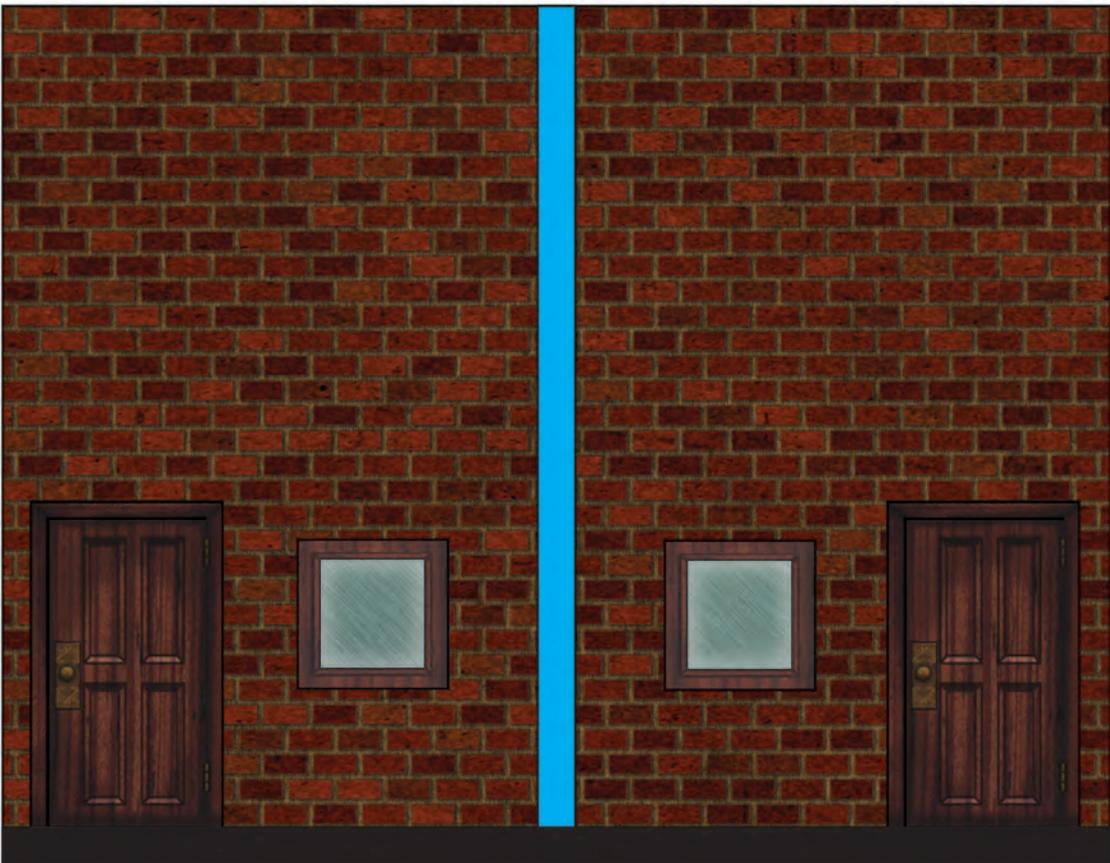


FLOOR BRACE  
Mount on foam

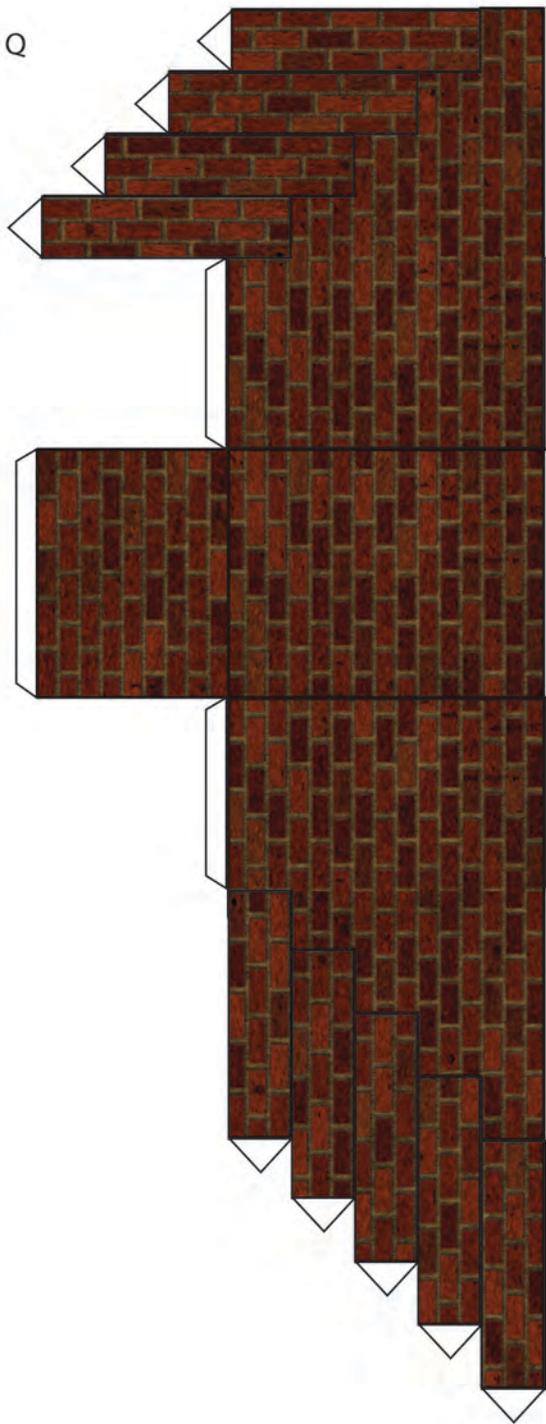
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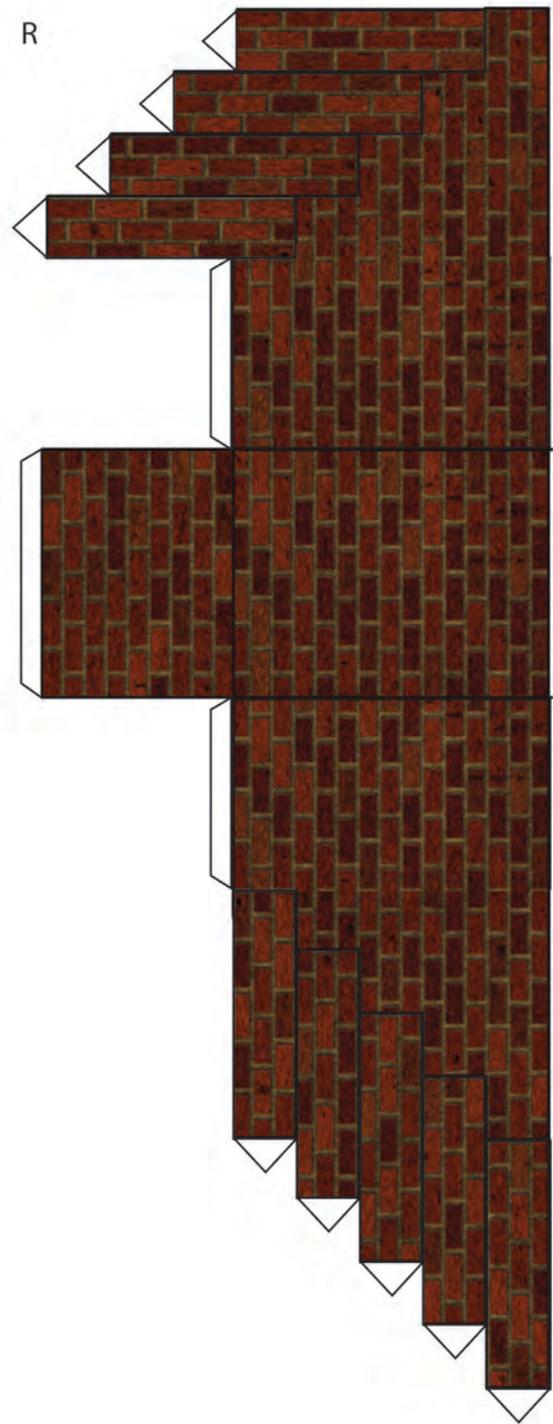
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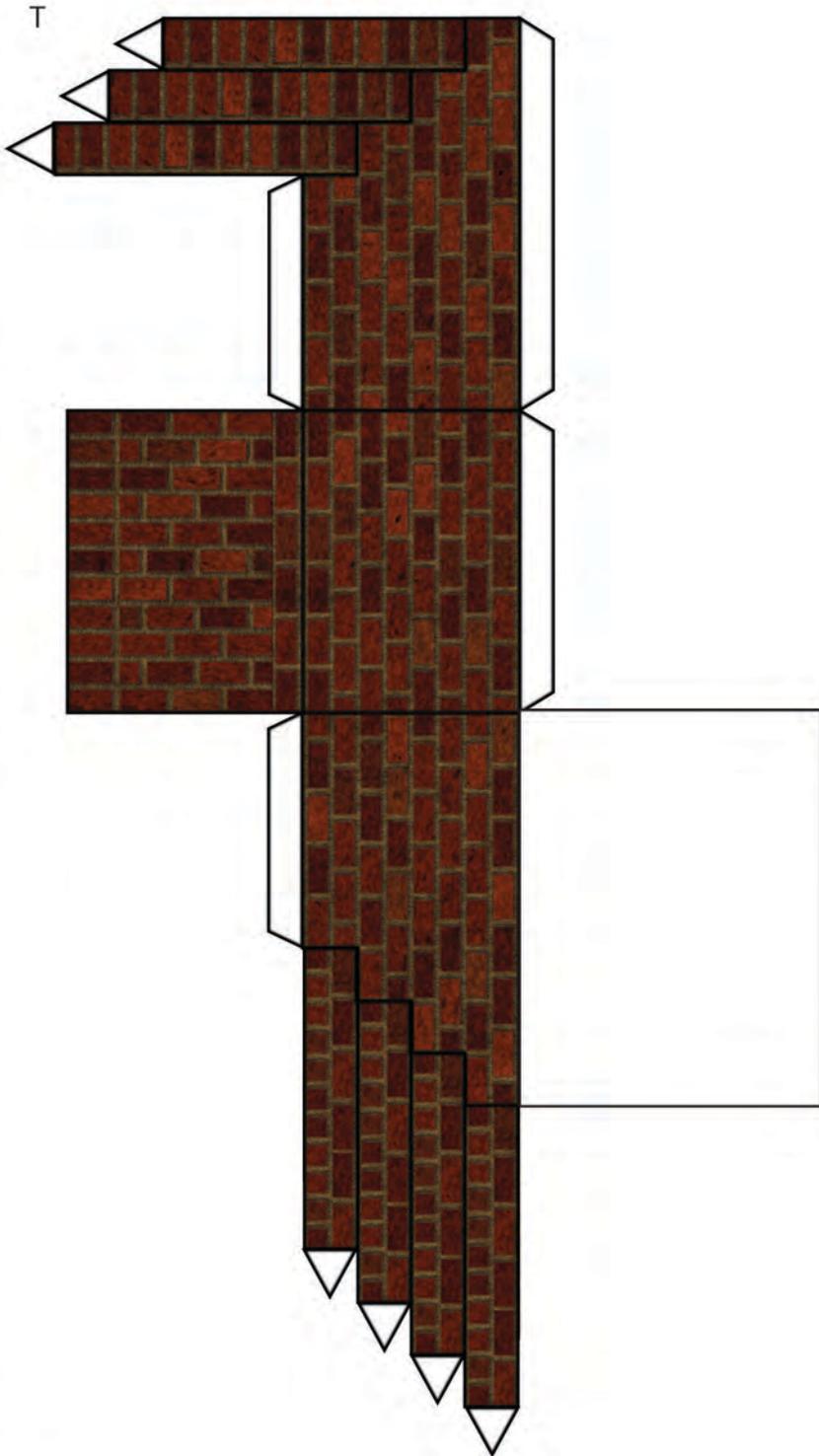
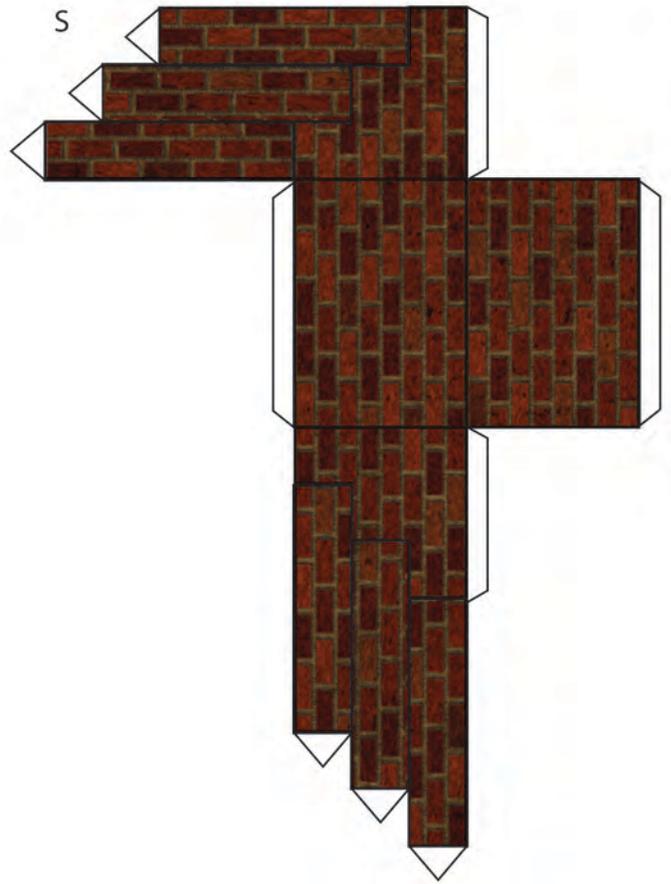


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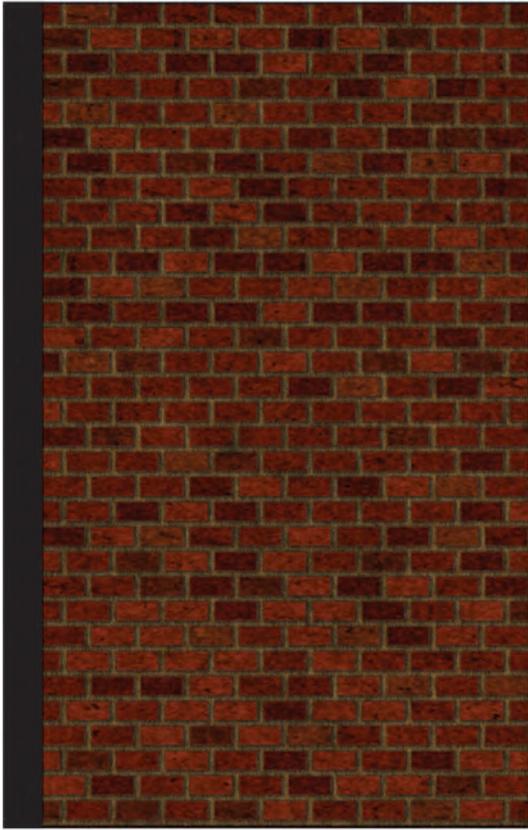




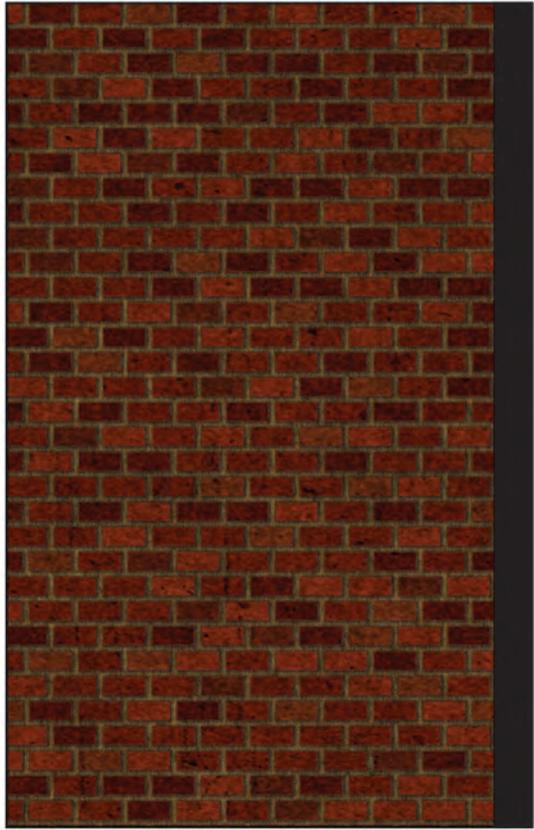
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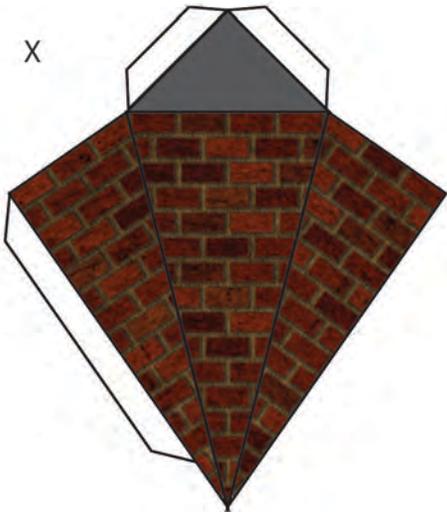
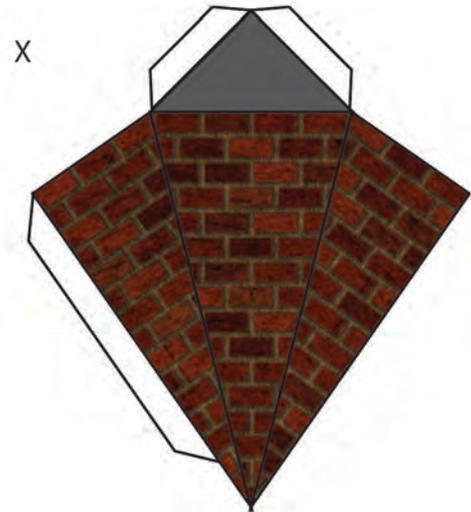
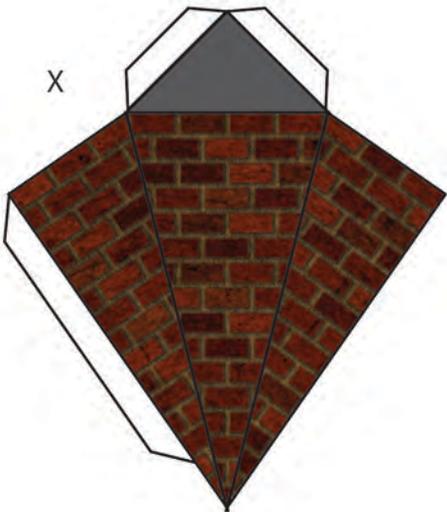
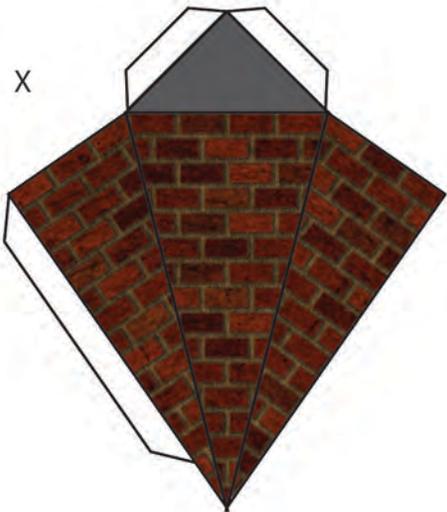
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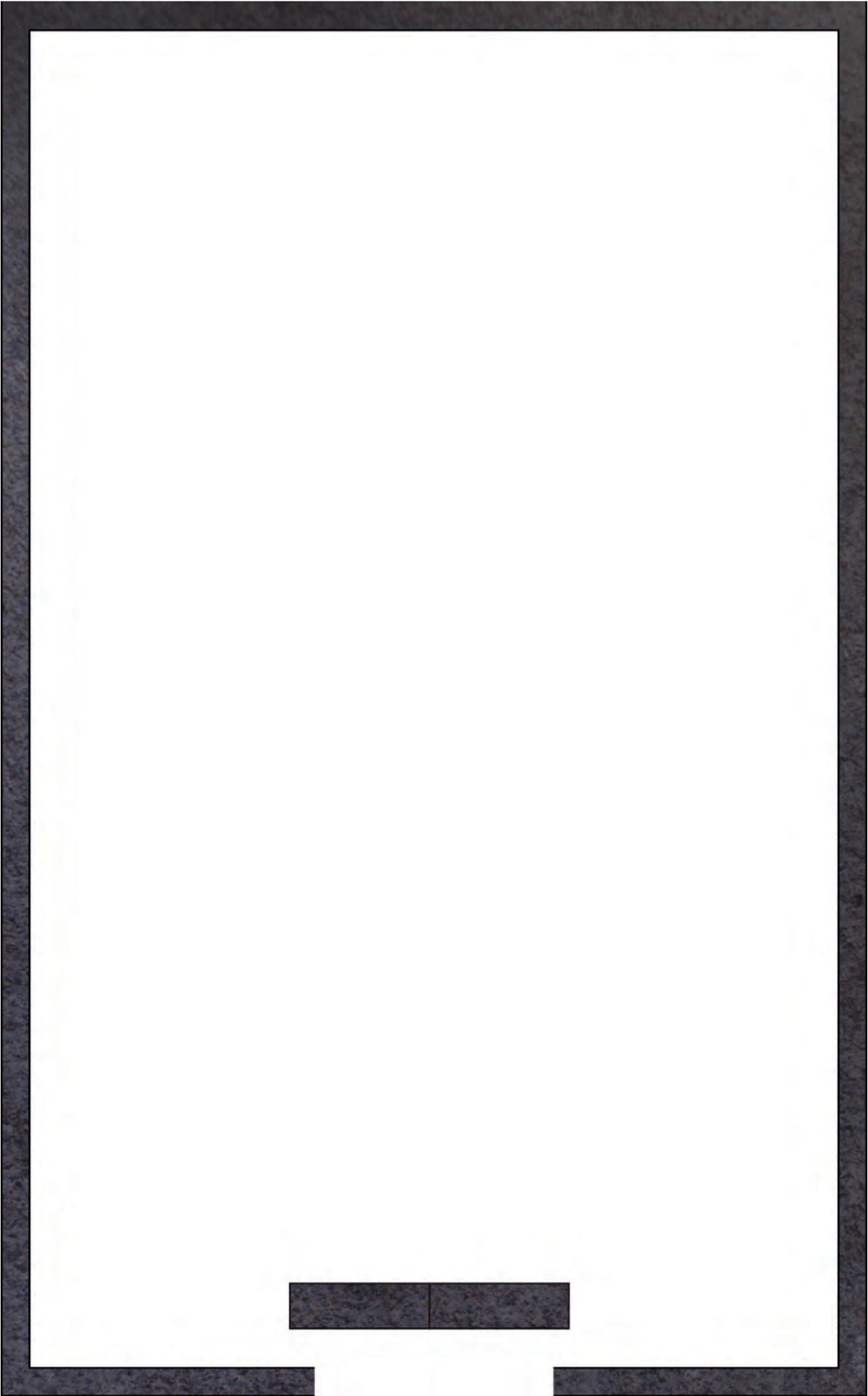


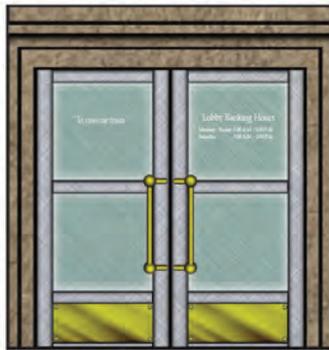
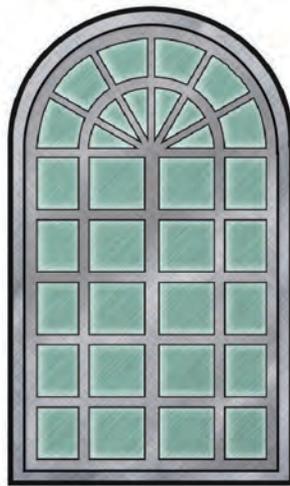
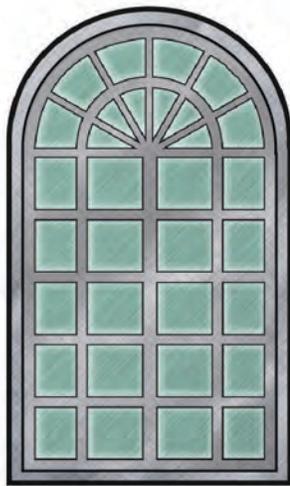
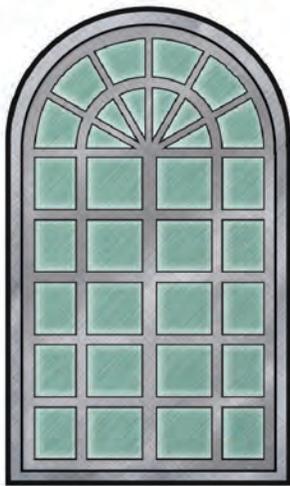
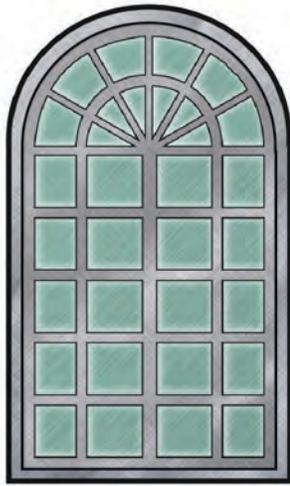
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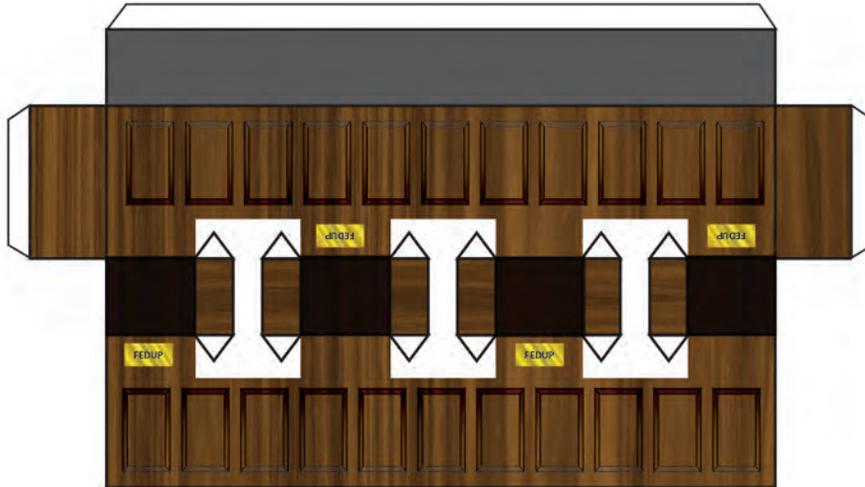
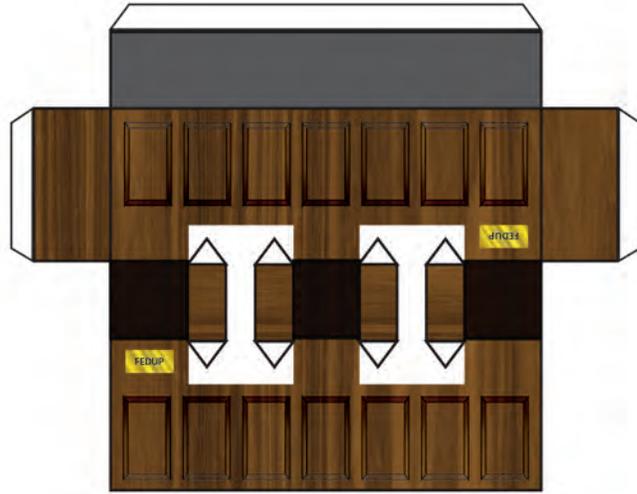
Roof supports

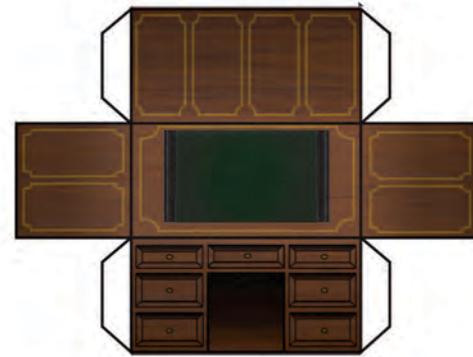
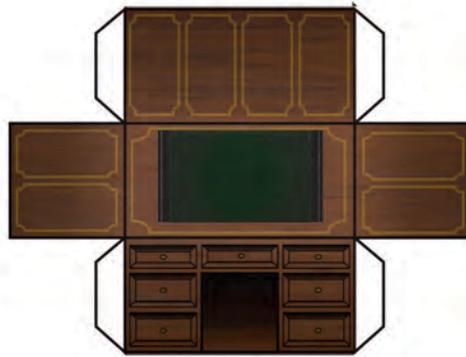
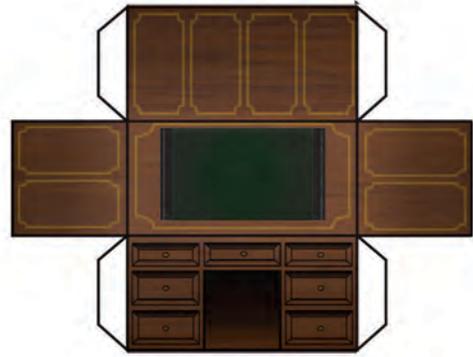
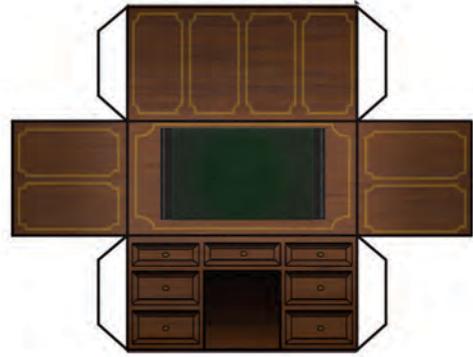
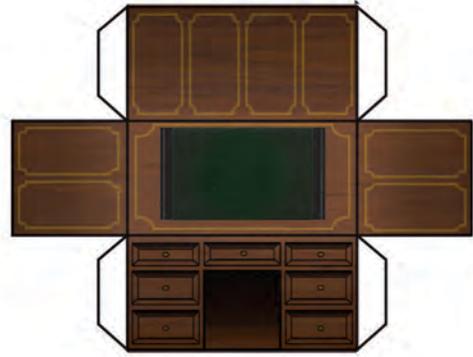


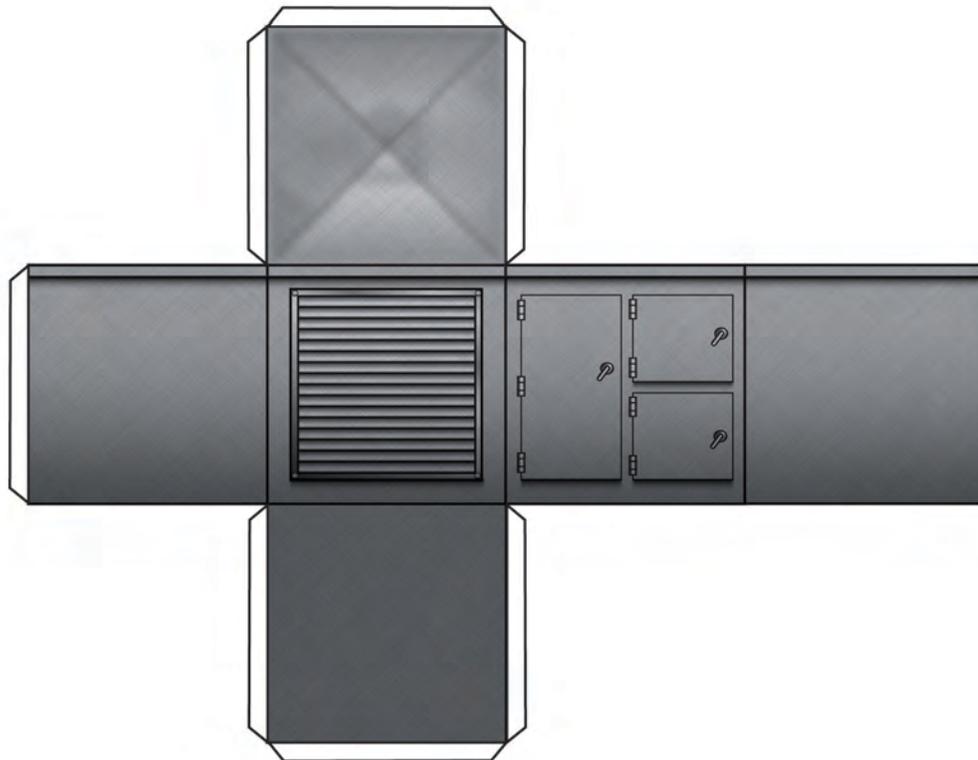
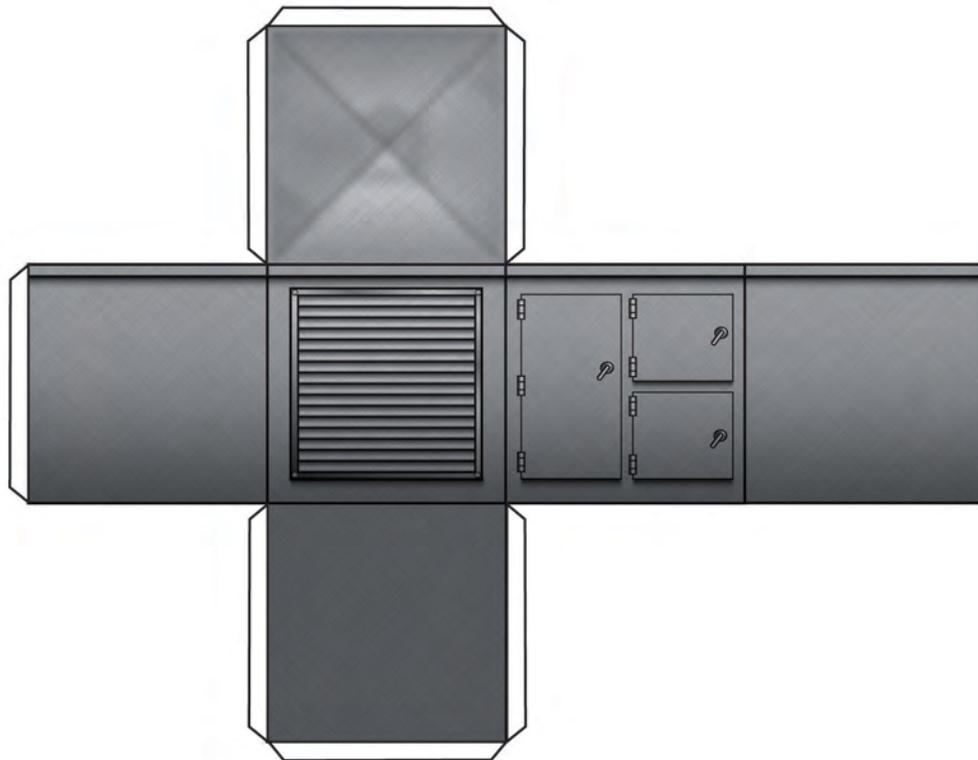


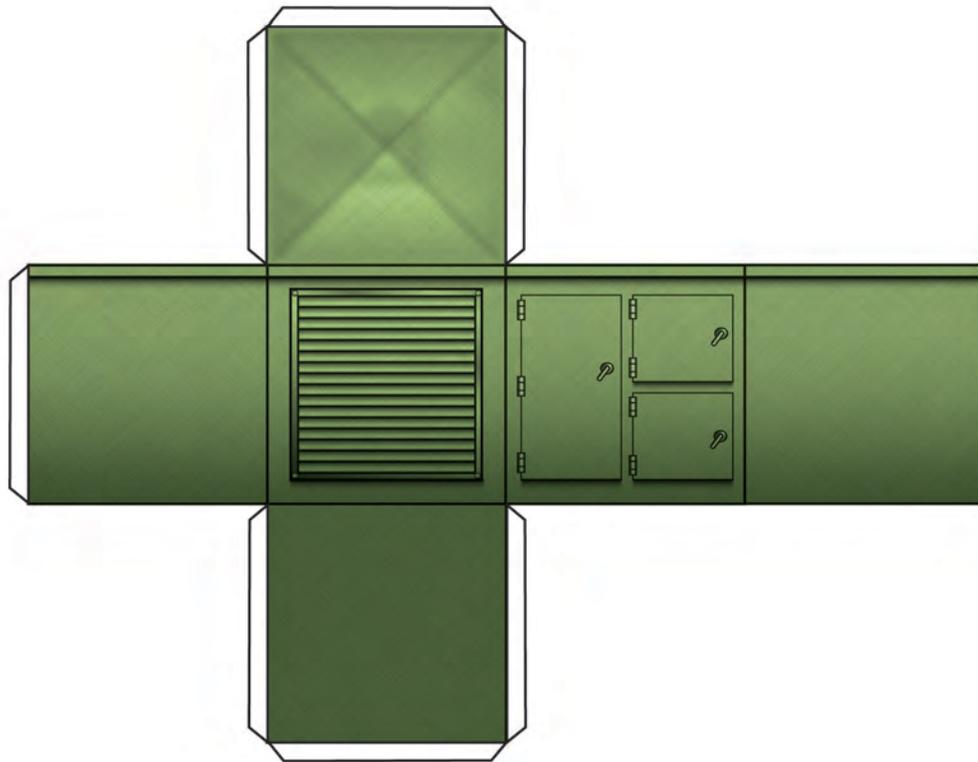
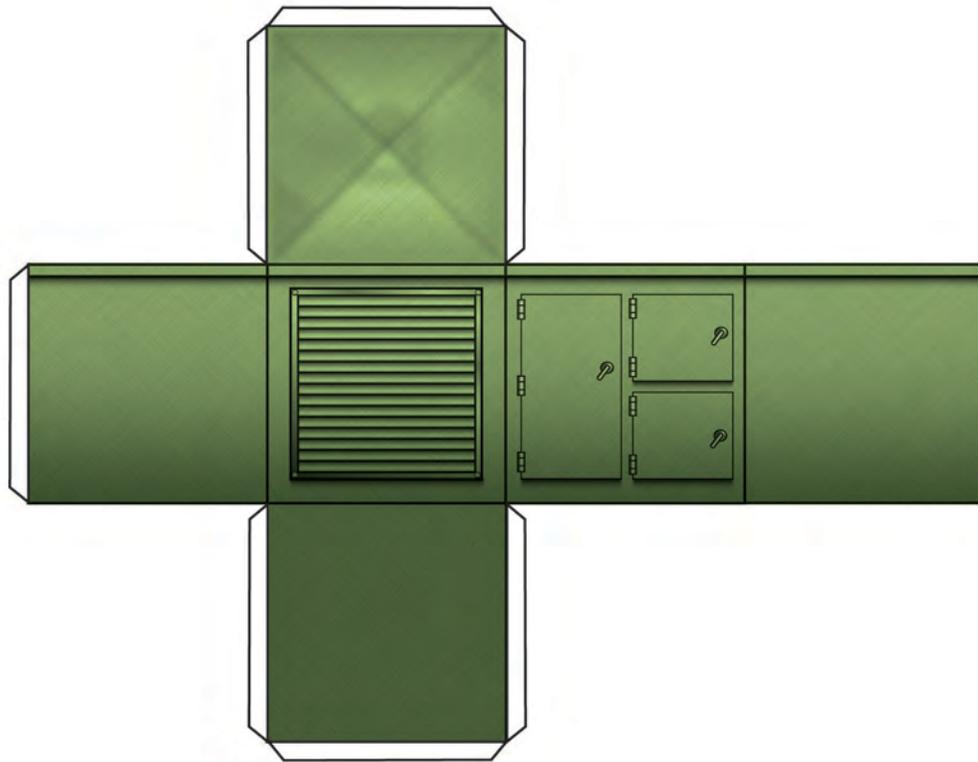


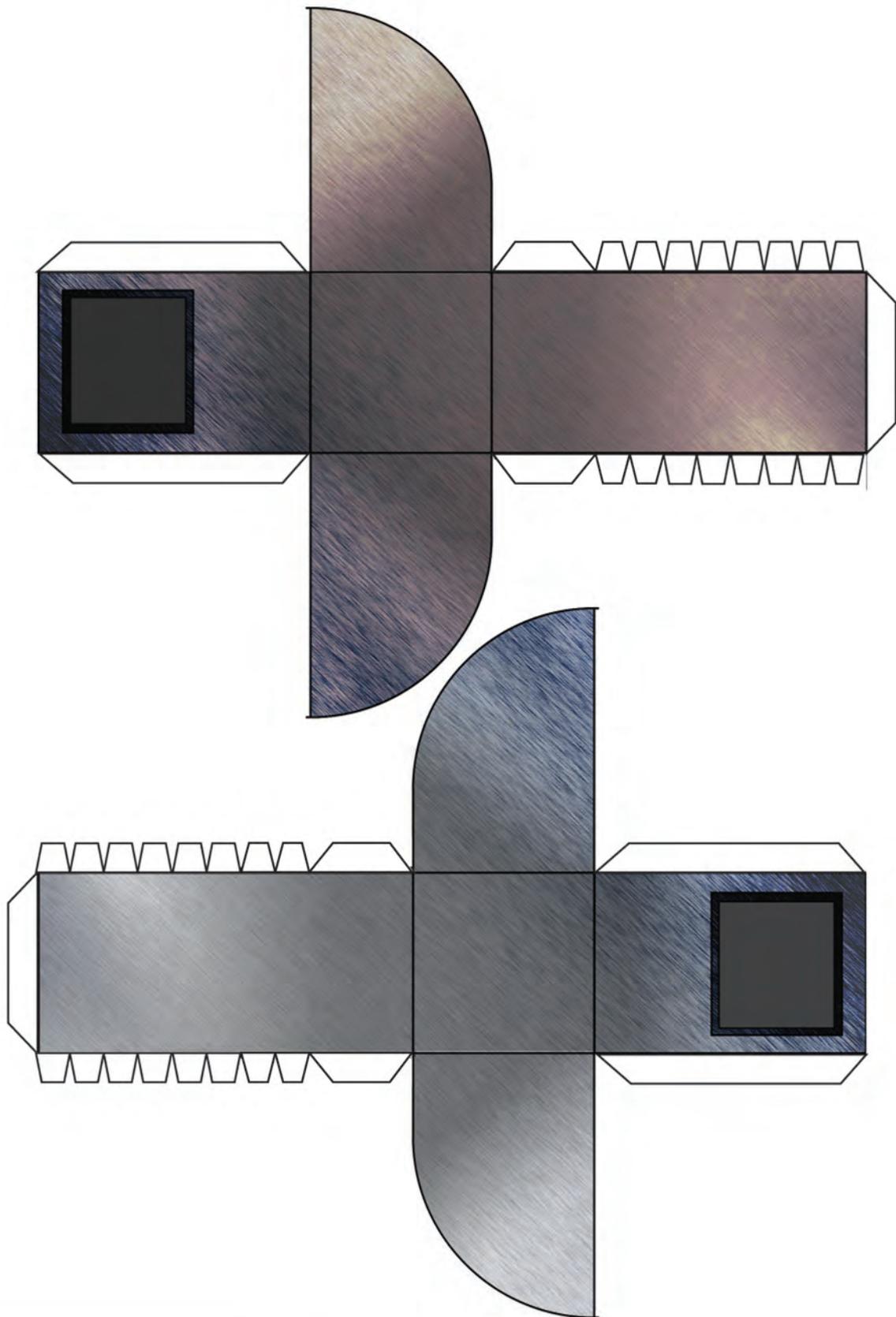
...Oops!!!











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## Forward

This section provides alternative instructions for adding the enhanced 3-dimensional components to your bank build. This is an added step, left up to the discretion of the builder.

Additionally, the bank facades were designed to be built up from cardstock, and are foldable units. However, should the builder desire the facades to have less depth, I would recommend a wrap around technique, for either very thick card (~1 mm) or even foamcore. In this later case, you will need to pre-measure the card (foamcore), cut to size, and then mount the front of the image, centered over the card. Wrap the remaining sides around the edges and glue to the back, and trim the excess. The remainder of these instructions will cover how to build this unit on basic card.

## Enhanced builders preparation.

You will want to build your bank structure as described in the main build section of this instruction booklet, with the exception to a few small changes.

1. The external wall pieces (**A,B,C and D**) have replacement images that do not include the vertical columns on them. If you already built the unit with the existing images, no worry, as the 3D columns can be put on top of those printed in the image. I've simply included the pages without the columns printed as a convenience to the builder.
2. Do not glue the external stairs (**T**) to the front. You will still need to assemble them, in fact you will need two of them if you want to build the enhanced patio. Assemble the stairs and place them aside until later.

## List of pieces (in lowercase)

<b>a</b>	<b>Patio façade, interior</b>		
<b>b</b>	<b>Patio façade, exterior</b>	<b>j</b>	<b>Façade trim, long, upper</b>
<b>c</b>	<b>Patio façade top trim</b>	<b>k</b>	<b>Façade trim, long, upper, end</b>
<b>d</b>	<b>Patio façade end cap</b>	<b>l</b>	<b>Façade trim, short, upper</b>
<b>e</b>	<b>Patio façade end cap</b>	<b>m</b>	<b>Façade crown</b>
<b>f</b>	<b>Patio stair joiner</b>	<b>n</b>	<b>Façade crown topper</b>
<b>g</b>	<b>Façade trim, long, lower</b>	<b>o</b>	<b>Column (s)</b>
<b>h</b>	<b>Façade trim, long, lower, end</b>	<b>p</b>	<b>Façade corner, upper</b>
<b>i</b>	<b>Façade trim, short, lower</b>	<b>q</b>	<b>Façade corner, lower</b>

## Enhanced builders instructions.

- 1) Begin by assembling the enhanced patio
  - a. Assemble two external stairway pieces (**T**) as described in the main build section of this document.

- b. Mount the front steps façade pieces (**b**) onto foamcore. Cut out, flip over, and mount the interior façade piece (**a**) on the reverse side. Rabbet out the blue area on the interior side of the façade.
- c. Take the two stair sets assembled in set 1a and insert them into the rabbet made on the interior of the façade. Glue in place.
- d. Assemble the end caps (**d** and **e**). Remove the blue box area. Fold 90 degrees along each black line to form a rectangular cube. Use the tabs to glue adjoining side together. Slip the end caps over the short ends of the façade (**a/b**) and glue in place.
- e. Mount the top trim (**c**) and the stair joiner (**f**) onto cardstock. Cut out and trim. Fold the top trim along the black lines about 30 degrees downward, so that it follows the angles of the top of the façade. Trim the ends if needed. Once the piece fits the top of the façade, glue in place. Take the stair joiner and glue on top of the two stair sets. This piece should extend about 0.4 inches over the top of the stairs heading away from the façade (not, extending over the steps themselves).
- f. Place the patio aside for a moment.

2) Then assemble the main building façade.

- a. Mount the remaining pieces (**g** thru **q**) on cardstock, cut out and trim. You will need the following quantities of each piece:

g	2 (2 pages)	m	1
h	2 (2 pages)	n	1
l	2 (2 pages)	o	18 (3 pages)
J	2 (2 pages)	p	4 (1 page)
k	2 (2 pages)	q	4 (1 page)
l	2 (2 pages)		

- b. Assemble all the remaining pieces. With the exception of pieces façade crown (**m**) and crown topper (**n**) and the corners (**p** and **q**), all remaining pieces are assembled by folding 90 degrees along each black line to form a rectangular cube. Use the white or colored tab to glue adjoining sides together.

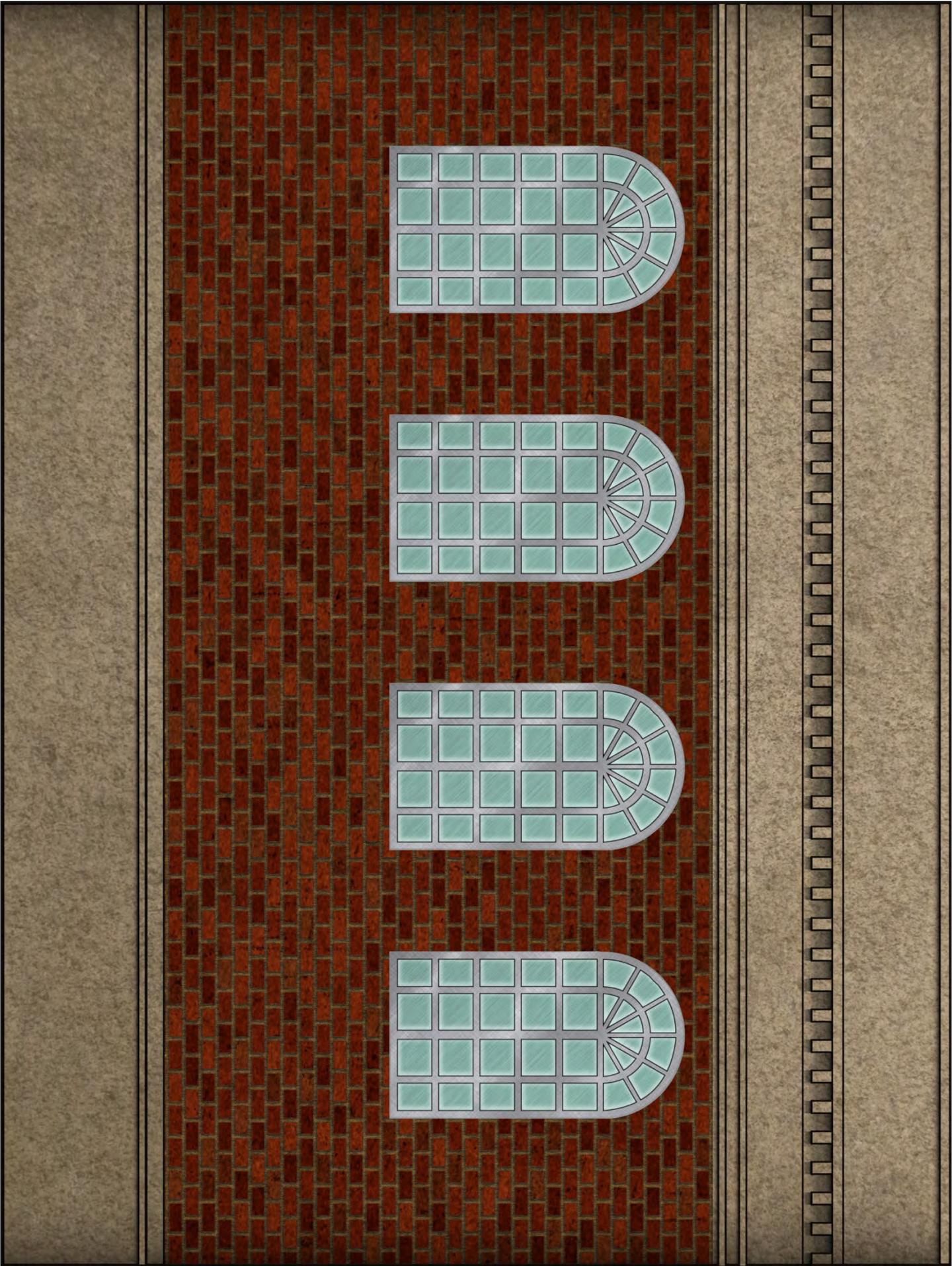
Assemble the façade crown topper. Fold 90 degrees along each black line to enclose the structure. The two smallest tabs should tuck under the sides located just above them. Glue tabs to the adjoining edges.

Assemble the façade corners (**p** and **q**). Fold 90 degrees along each of the long black lines to form a rectangular shape. Glue the long tab to the adjoining side. Fold along the black line separating the ends from the side. In the case of the flat ends this bend is 90 degrees, in the case of beveled ends, this bend is about 45 degrees. Glue the tab to the adjoining edge.

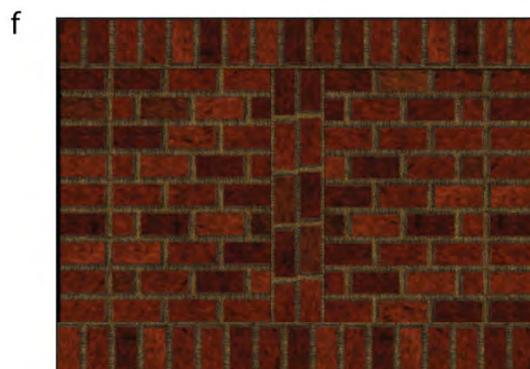
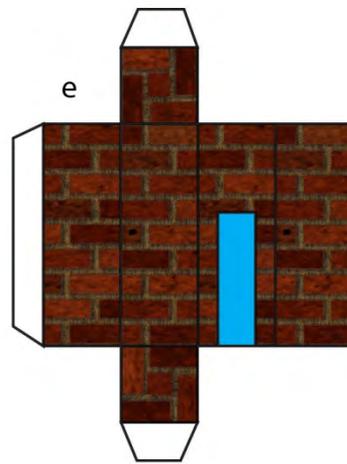
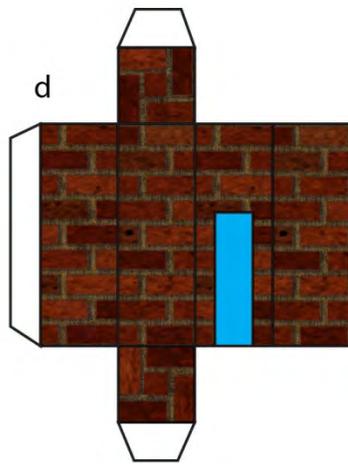
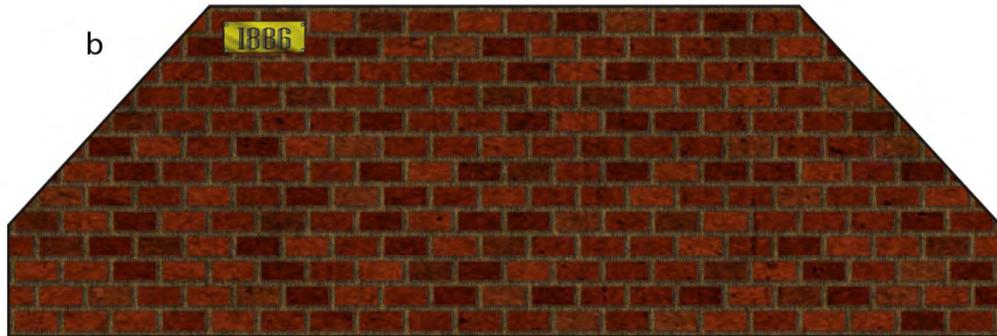
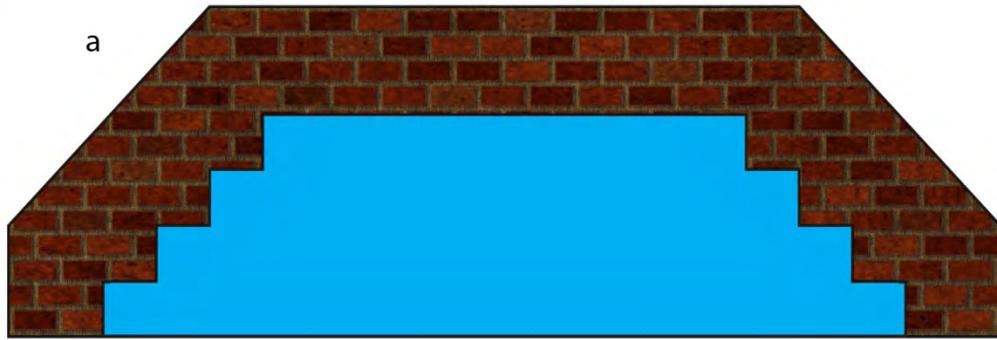
- 3) Working from the bottom – up, assemble the bank façade structure.
- a. Glue the façade lower trim (**g,h,i**) to the main building structure.
  - b. Glue the façade lower corners (**q**) in between the edges of the façade lower trim. Make sure the beveled edge points up.
  - c. Place the enhanced patio (**a-f**) so that the edge of the stair joiner (**f**) sits on top of the lower façade in the front of the bank. Glue in place.
  - d. Glue the columns (**o**) onto the main building structure.
  - e. Glue the façade upper trim (**j,k,l**)
  - f. Glue the façade upper corners (**p**) in between the edges of the façade upper trim. Make sure the beveled edge points down.
  - g. Glue the façade crown to the façade upper trim, above the enhanced patio in the front of the building. Check the fit of the crown topper, and trim if needed. Fold approx. 30 degrees along the black line, and glue on top of the crown.



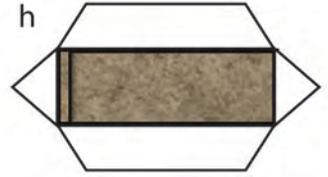
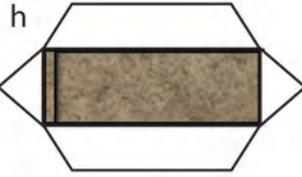




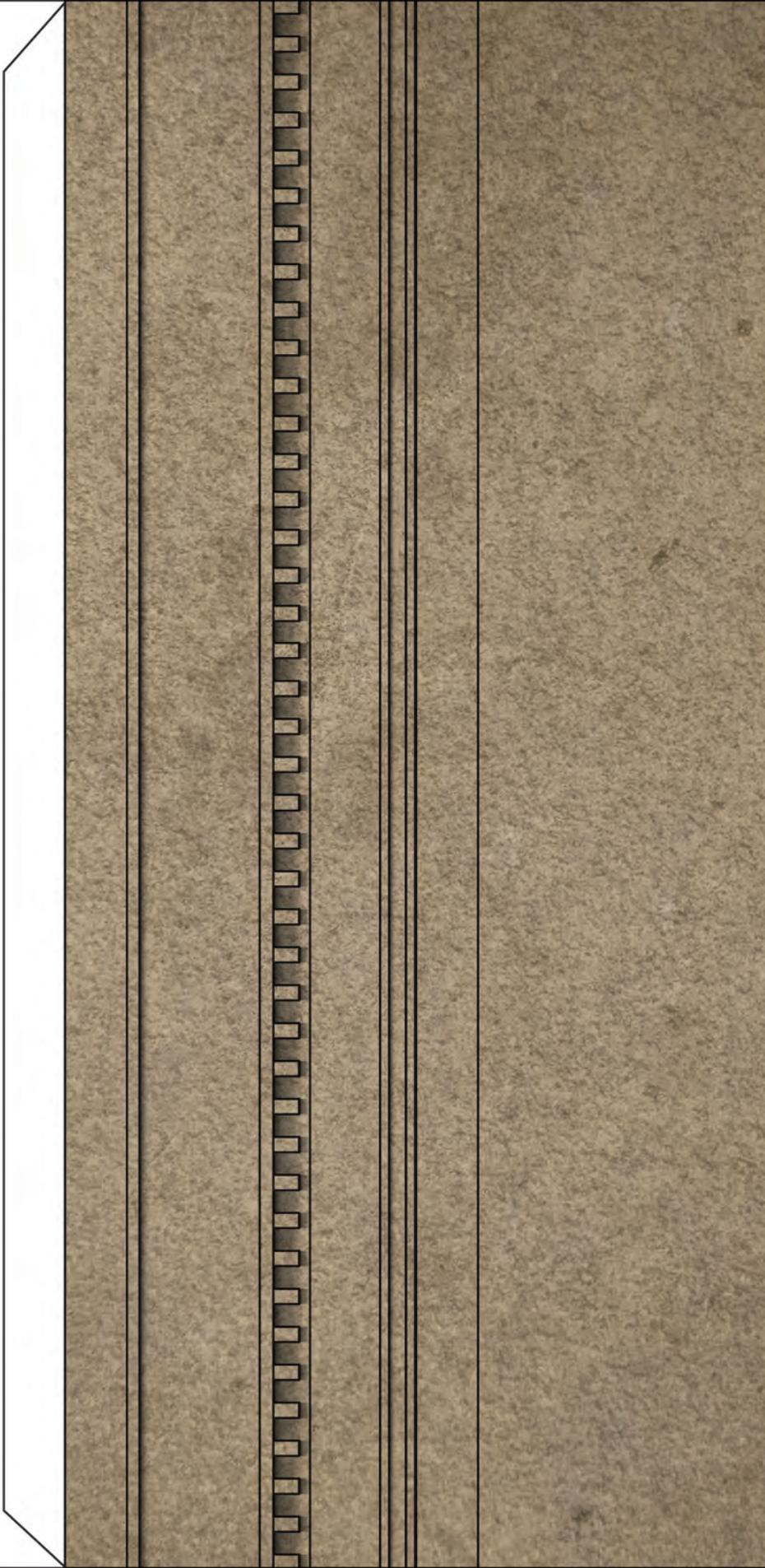
Enhanced Patio pieces

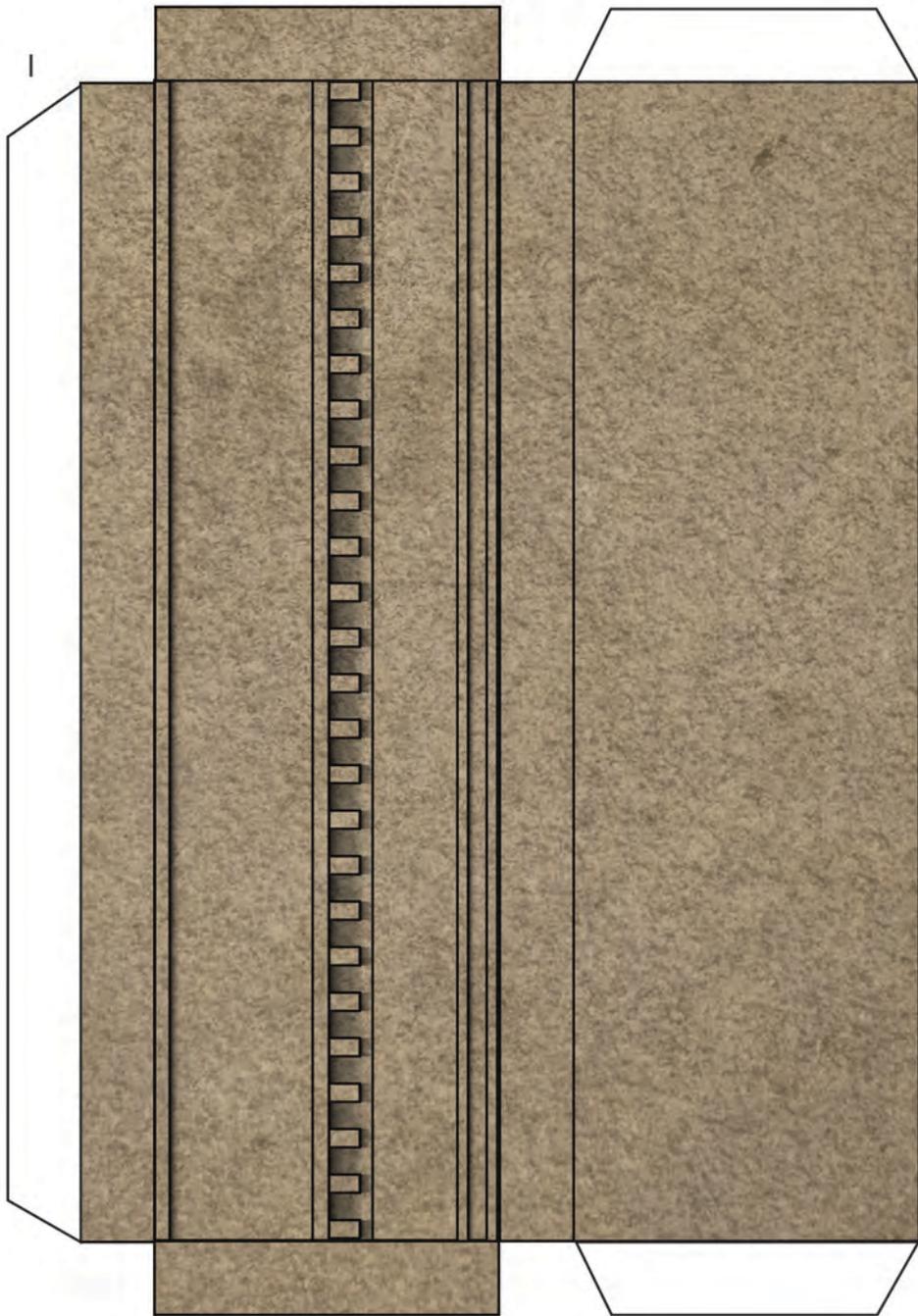


g



j







n





