ASSIFIED

HOMES

Classic 80's ARCADE

Convertable to a launderette

Secret hidden room, accessable via working hidden sliding door

FEATURED HOME

About this listing

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

STOELZEL'S STRUCTURES

FEATURE

About this listing

Asking price: $5.00

Payable in quarters

Lorem ipsum dolor

Classifieds S0029

Calvin Coine was always obsessed with electronic entertainment during his childhood in the seventies, and by 1981 found himself out of school and out of work. He decided to take a gamble on the growing field of video games. He rented a sprawling multi-story commercial building within spitting distance of the local middle school, and set up Flip's Arcade. He moved in several video games on the ground floor, and an office for himself upstairs where he could work on his real passion, game development. Within months of opening, Flip's was so successful, that he expanded the games to the upper level, and found that he was no longer able to get any privacy for his secret projects. Eventually his eccentricity and need privacy got the better of him and he installed a secret room hidden behind a brick wall. In this room, Calvin has continued his research into artificial intelligences in completely cyber virtual realties.

As mentioned, this unit comes complete with hidden room, situated behind a fully working sliding wall door, similar to those seen in our Bank, and our Modular Lair: better Living products.

This project comes complete with loads of washing to do… …er.. no, I mean it comes with enough wishing machines to convert it to launderette. Like the arcade, such a launderette would still have the benefit of a hidden secret room in the back, you know, in case you wanted to set up a meth lab or something.

Width: 10 inches Depth: 10 Inches Height: 6 inches


OPEN
HOUSE
FLIPS
FLIPS
STOELZEL'S
STRUCTURES

Build instructions: Arcade

Legal

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 about 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)

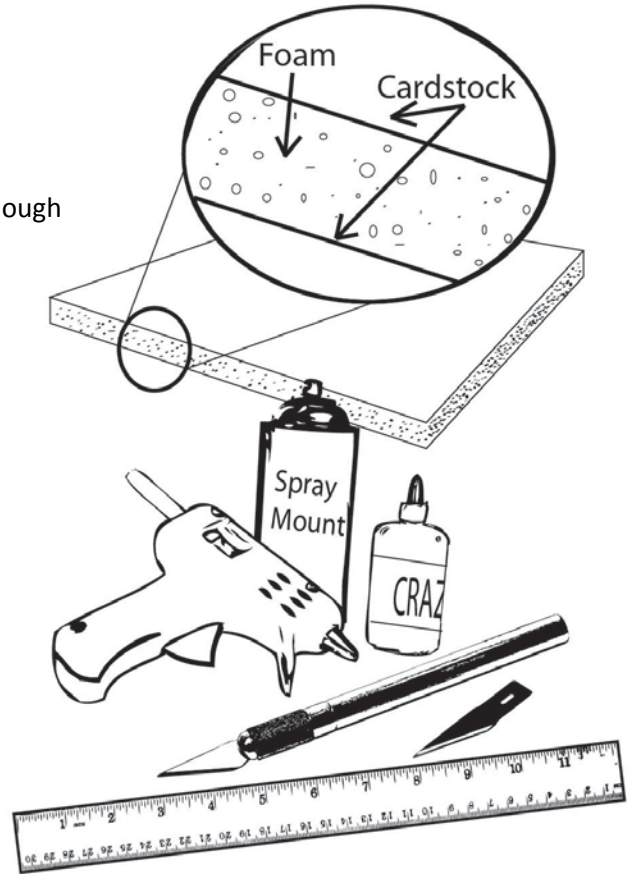
Full sheet label paper (Optional)

Spray mount and fancy printing paper (Optional)

A Rabbet cutter (optional)

A small (~5mm) chiseling blade (optional)

Black magic marker (optional)



Techniques

Mounting

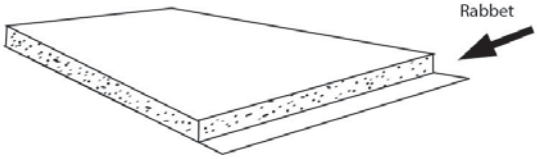
Most pieces of this building have images for the front and back of the foam core support structure. As such, great care should be taken when aligning the pieces. There are two options available to mount the artwork onto the foamcore.

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.

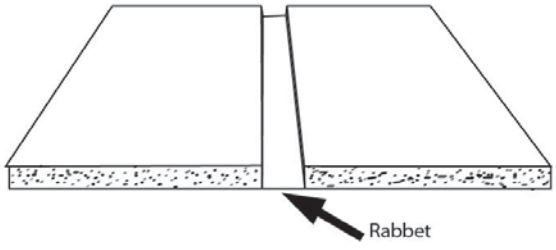
Rabbeting

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 grove 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.



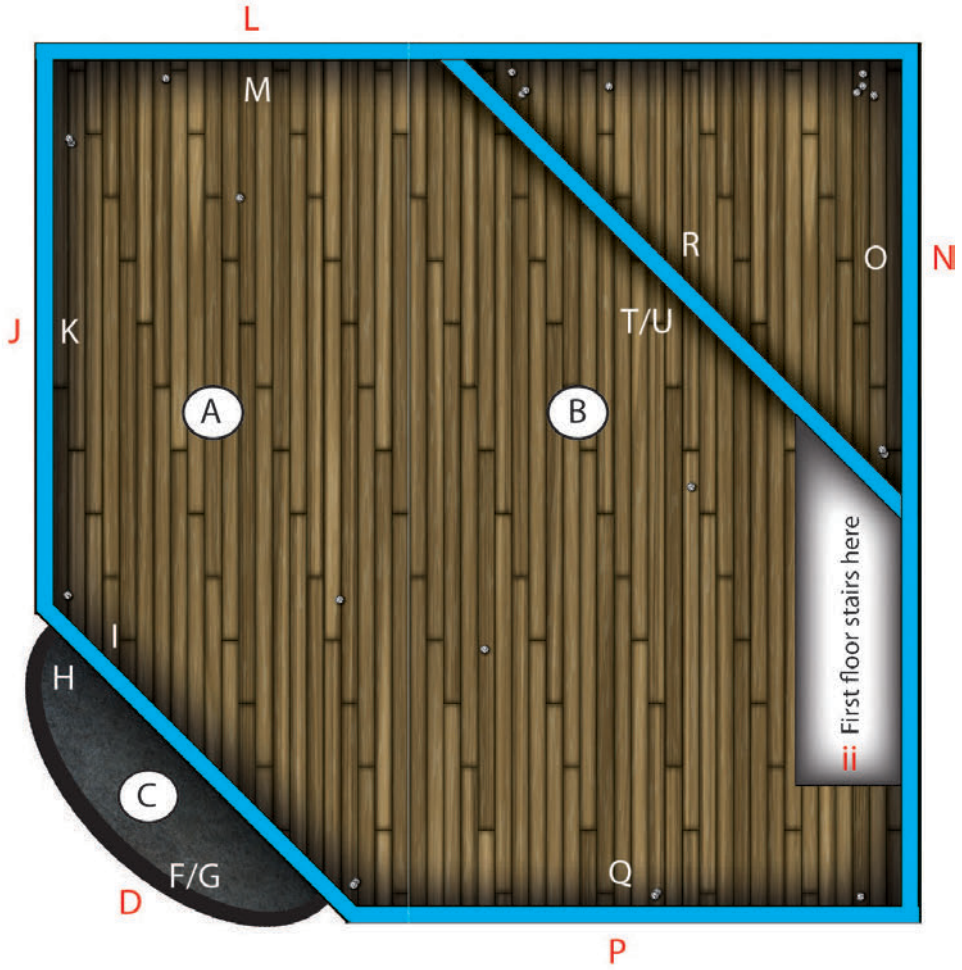
T intersections where an end piece of foamcore butts up against another perpendicular piece of foamcore can be made stronger and smoother using an interior rabbet joint. These are a bit trickier, but not that difficult to do. An example can be seen here.

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.

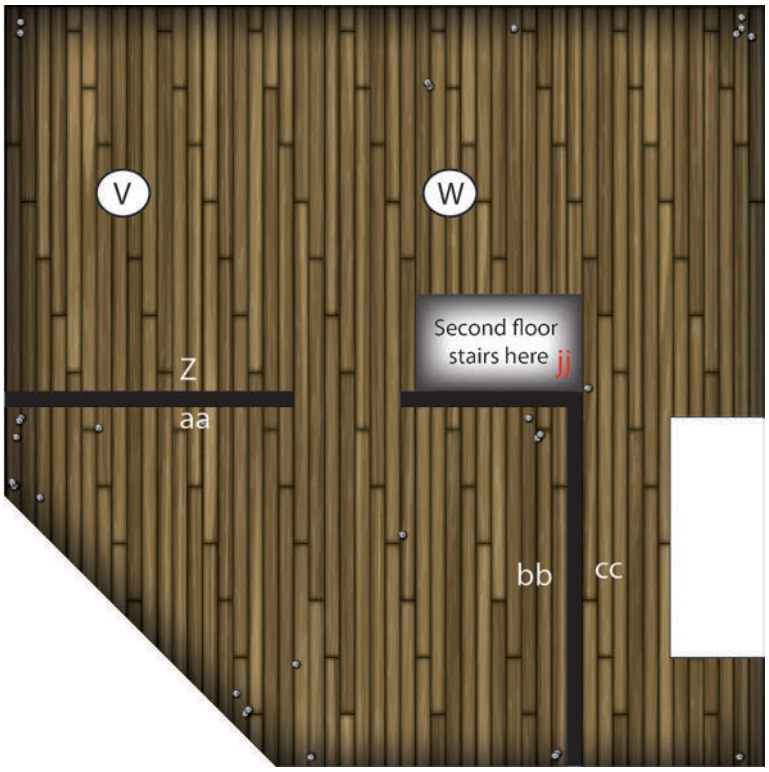
Build Instructions

List of major parts

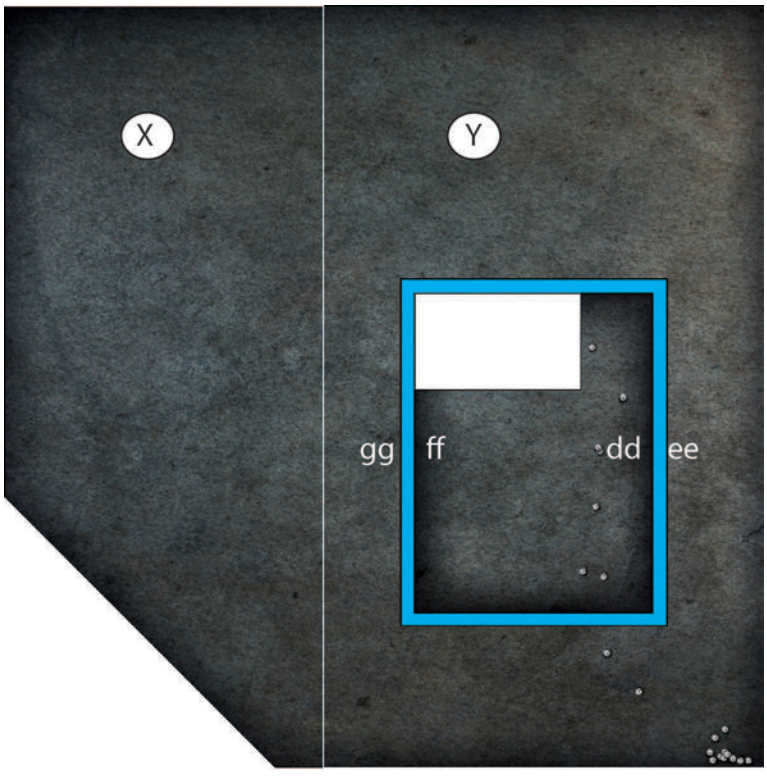
A	First floor flooring left side
B	First floor flooring right side
C	Curved front wall extension, exterior
D	Curved front wall extension, upper floor
E	Curved front wall extension, template
F	Curved front wall extension, interior A
G	Curved front wall extension, interior B
H	Entrance wall, exterior
I	Entrance wall, interior
J	Left side, exterior
K	Left side, interior
L	Left back exterior
M	Left back interior
N	Right back exterior
O	Right back interior
P	Right side exterior
Q	Right side interior
R	Secret door wall, interior
S	Secret door wall, template
T	Secret door wall, exterior
U	Secret Door
V	Second floor flooring left side
W	Second floor flooring right side
X	Roof flooring left side
Y	Roof flooring right side
Z	2nd floor, interior wall 1 part A
aa	2nd floor, interior wall 1 part B
bb	2nd floor, interior wall 2 part A
cc	2nd floor, interior wall 2 part B
dd	Building topper, part 1, interior wall
ee	Building topper, part 1, exterior wall
ff	Building topper, part 2, interior wall
gg	Building topper, part 2, exterior wall
hh	Roof topper roof
ii	Stairs for first floor
jj	Stairs for second floor



Second Floor



Root top



1. We are going to begin by assembling the Floors for the first floor, the second floor, and the roof of the building. What is unique about these pieces is that each piece is larger than a single sheet of paper, and thus needs to be stitched together. To do this you will glue the necessary pieces onto foamcore, one at a time, carefully aligning subsequent pieces against their neighbors.

I recommend using glue sticks for this operation rather than spray glue as you will have a lot more working time to make the necessary alignments.

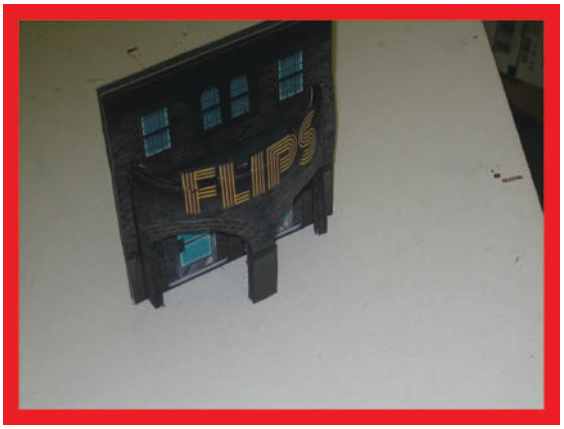
Take pieces **A, B, V, W, X** and **Y** and cut along the black outer lines to remove the excess white paper. Arrange these on the foamcore as a test fit to make sure all four pieces fit onto your selected foamcore. Glue **A** (First floor flooring left side) onto the 5 mm thick foamcore. Take piece **B** (First floor flooring right side), glue under it, and place on the foamcore aligning against the side of piece A**.** Cut along the outer perimeter of these pieces to remove.

Repeat this for the second floor (using pieces **V** and **W**) and the roof (pieces **X** and **Y**).

2. It is now time to make all the necessary rabbets on your floor sections. All rabbets are indicated by a light blue box. You will find these along the perimeter of the first floor, and in the middle of the roof piece. 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***].

Start with the floor section and you will see a long blue line that travels around most of the perimeter of the ground. Start by cutting along the black lines separating the blue box from the surrounding images. Take care not to cut all the way through the foamcore, but only about halfway through. Gently pull away the cardstock up, and remove it. Take your screwdriver/chisel/blade and remove the underlying foam. The lowest layer of card should be left intact.

3. We are going to begin by assembling the Front of the building. This step can be a little tricky and will require you to curve a sheet of foamcore.



3A) Locate and cut out the Curved front wall extension, exterior (**C**), Curved front wall extension, upper floor (**D**), Curved front wall extension, template (**E**), Curved front wall extension, interior A (**F**) and Curved front wall extension, interior B (**G**).

Mount the Curved front wall extension, exterior (**C**) onto 5 mm thick foamcore and then cut along the black outer line to remove. Flip the piece over and mount the Curved front wall extension, template (**E**) on the opposite side.

3B) There are several thin vertical blue boxes amd one horizontal blue box on the interior Curved front wall extension, template (**E**). All of these boxes indicate areas that need to be rabbeted.

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: remember that a small flat screwdriver about five mm wide can serve as a great chisel in a pinch, you may want a small precision screwdriver here, given the thinness of the rabbets***].

Also, locate the large open white box in the middle of the front wall and remove this section entire.

3C) Mount the Curved front wall extension, upper floor (**D**) onto 5 mm thick foamcore and then cut along the black outer line to remove. Insert the curved edge of this piece into the horizontal rabbet on the interior Curved front wall extension, template (**E**). Gently roll the front curved wall until it bends round the floor piece (**D**). Once the front wall has taken the curved shape, glue the floor in place to help hold the shape.

3D) Mount the Curved front wall extension, interior A (**F**) and Curved front wall extension, interior B (**G**) onto cardstock. Cut along the black outer line to remove.

Take the Curved front wall extension, interior A (**F**) and glue on top of the Curved front wall extension, template (**E**). I recommend **gluing one side first** and letting the glue cool/dry and then slowly working more glue over towards the opposite side allowing to dry in several steps. This will help coax the interior image around the curve, and allow you more control so that no gaps appear in the interior side rabbets while it is drying.

Now take the Curved front wall extension, interior back (**F**) and glue on top of the lower side of the Curved front wall extension, template (**E**). Here I recommend **gluing the middle column first**, and letting the glue cool/dry and then slowly working more glue over towards the edges allowing to dry in several steps. This will help coax the interior image around the curve, allow you more control so that no gaps appear in the interior side rabbets while it is drying, and help to make sure the interior and exterior curves line up.

3E) Locate and cut out the Entrance wall, exterior (**H**),and Entrance wall, interior (**I**). Mount the Entrance wall, exterior (**H**) onto 5 mm thick foamcore and then cut along the black outer line to remove. Flip the piece over and mount the Entrance wall, interior (**I**) on the opposite side.

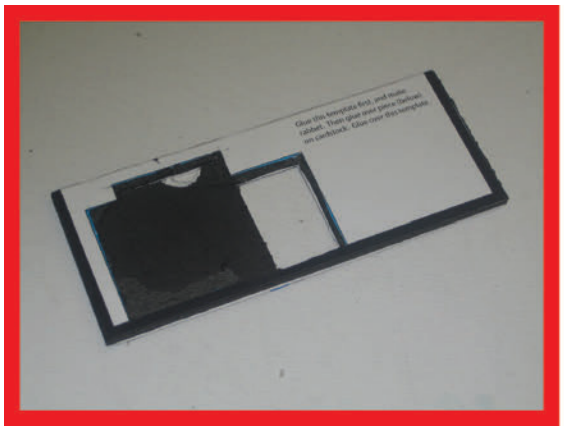
Make all the necessary rabbets on the Entrance wall exterior (indicated by a light blue box). Cut along the side and top of the blue box without cutting all the way through. Using a chiseling blade or very carefully using a regular blade start to cut the foam block from the wall, working from the exposed bottom to the top. Gently pull away the foam as you work up.

3F) Test fit the curved front wall section into the three rabbets on the front wall exterior. Trim if needed. Glue in place.

If there is little gap in between the curved walls and the front wall exterior these are easily hidden using the corner wrappers provided toward the end of the image section. Mount corner wrappers **f** and **g** on cardstock, cut along the black outer line to remove. Trace the edge with a black marker. Fold along the central vertical black line about 60 degrees, with the image on the inside of the corner. Glue in place.

4. We are going to move onto the secret sliding door-wall portion of the building. This section can also be a little tricky, so please read through this section before attempting.

4A) Mount the Secret door wall, interior (**R**) onto foamcore. Cut along the outer black line to remove. Flip the piece over and mount the Secret door wall, template (**S**) on the reverse side.



4B) On the interior side, cut along the white side, and remove this section. Cut through the door opening and remove. Rabbet the left and right side where indicted by the blue boxes. Flip the piece over, and rabbet the large blue area indicated on the template.

4C) Mount the Secret Door (**U**) 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 front of the arcade, and the taller tab toward the rear of the building.

Place the secret door (**U**) into the area rabbeted out in step 4B. Slide it back and forth to test the fit. Leave door in place for next step.

4D) Mount the Secret door wall, exterior (**T**) 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. Make sure the forward facing tab on the secret door fits into the slot of piece T.

5. Prepare the remaining walls of the building.

5A) Mount the remaining building exterior walls (**J,L, N** and **P**) onto 5 mm foamcore. Cut along the black outer line to remove. Flip over the exterior walls and mount the interior images on the reverse side (**K,M,O,P**, respectively). Take care to align the images front and back

5B) Locate the long vertical blue boxes on the interior side of these pieces and make the neceesary rabbets. 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.

5B) Mount one side of each of the second floor interior walls (**Z** and **bb**) onto 5 mm foamcore. Cut along the black line to remove. Flip them over and mount the reverse side images (**aa** and **cc** respectively).

There is a vertical blue box on piece **aa** that need to be rabbeted.

5C) Mount the exterior sides of the roof building topper (**ee** and **gg**) onto 5 mm foamcore. Cut along the black line to remove. Flip them over and mount the reverse side images (**dd** and **ff** respectively).

There are vertical blue boxes on the interior sides of ech piece that need to be rabbeted.

Locate the black verticl line on the exterior side and fold 90 degrees with the image on the outside of the bend. Put some glue into the rabbet made on the interior side to hold this shape.

Glue the two roof topper wall sections together, fiitting the edges of one wall into the edge rabbets of the other wall.

6. It is now time to do the main assembly of the building.

6A) Test fit the rabbet along the front edge of the first floor (**A/B**) against the front wall section (**C/D/F/G/H/I**). Glue in place.

6B) Take the left side (piece **J/K**) and glue to the rabbet in the floor and against the front wall section.

6C) Take the left back wall (**L/M**) and glue to the rabbet in the floor and against the left side.

6D) Insert the secret door wall (**R/T/U**) into the rabbet on the floor and the rabbet in the left back wall (**M/N**). Glue in place.

6E) Take the Right back wall (**L/M**) and glue to the rabbet in the floor and against the left back wall.

6F) Take the Right side (**O/P**) and glue to the rabbet in the floor, against the Right back wall, and against the front wall

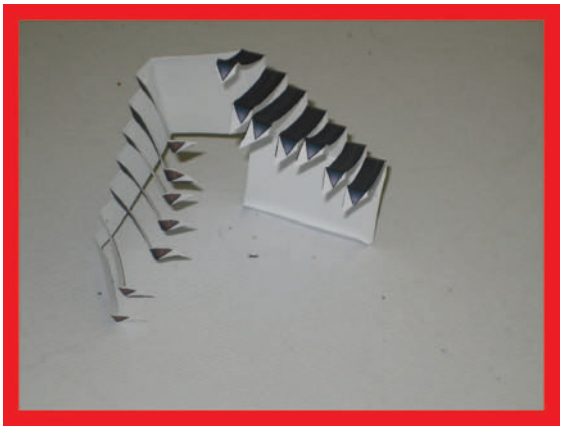
If there is little gap in between any of the corners these are easily hidden using the corner wrappers provided toward the end of the image section. Mount corner wrappers **a** thru **e** on cardstock, cut along the black outer line to remove. Trace the edge with a black marker. Fold along the central vertical black line about 90 degrees, with the image on the outside of the corner. Glue in place.

7. Assemble and insert the additional segments: Stairs. Floor braces, and columns.

7A) Stairs. Mount the stairs sections onto card stock. Cut along the black outer border to remove.

Fold along the two vertical black lines ninety degrees each so that the images are on the outside of the bend. Take each stair runner and fold ninety degrees to fold it toward the opposite side of the stairs. Use the tab to glue in place.

Before assembling the bottom, take piece Q and fold the tabs back. Glue this under the stairs so that the bricks show through the stair runners. Now fold over and glue the bottom of the stairs.



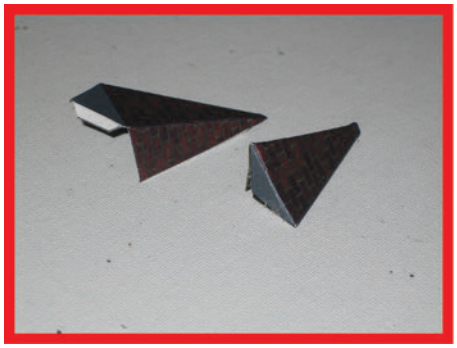
Repeat this process for the second floor stair section. Note the second floor stair section is slightly shorter than the first floor section, keep track of which is which.

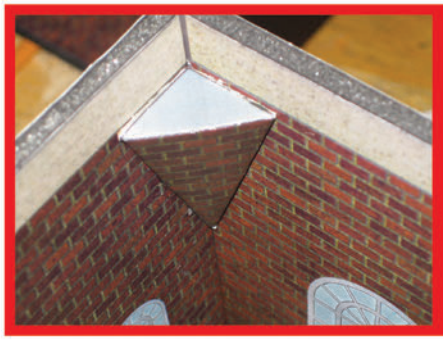
7B) Columns. Mount the wall supports on cardstock. Cut along the black outer line to remove.

Fold ninety degrees along each of the long black lines to form a rectangular cube. Glue the white tabs to inside of the adjacent sides.

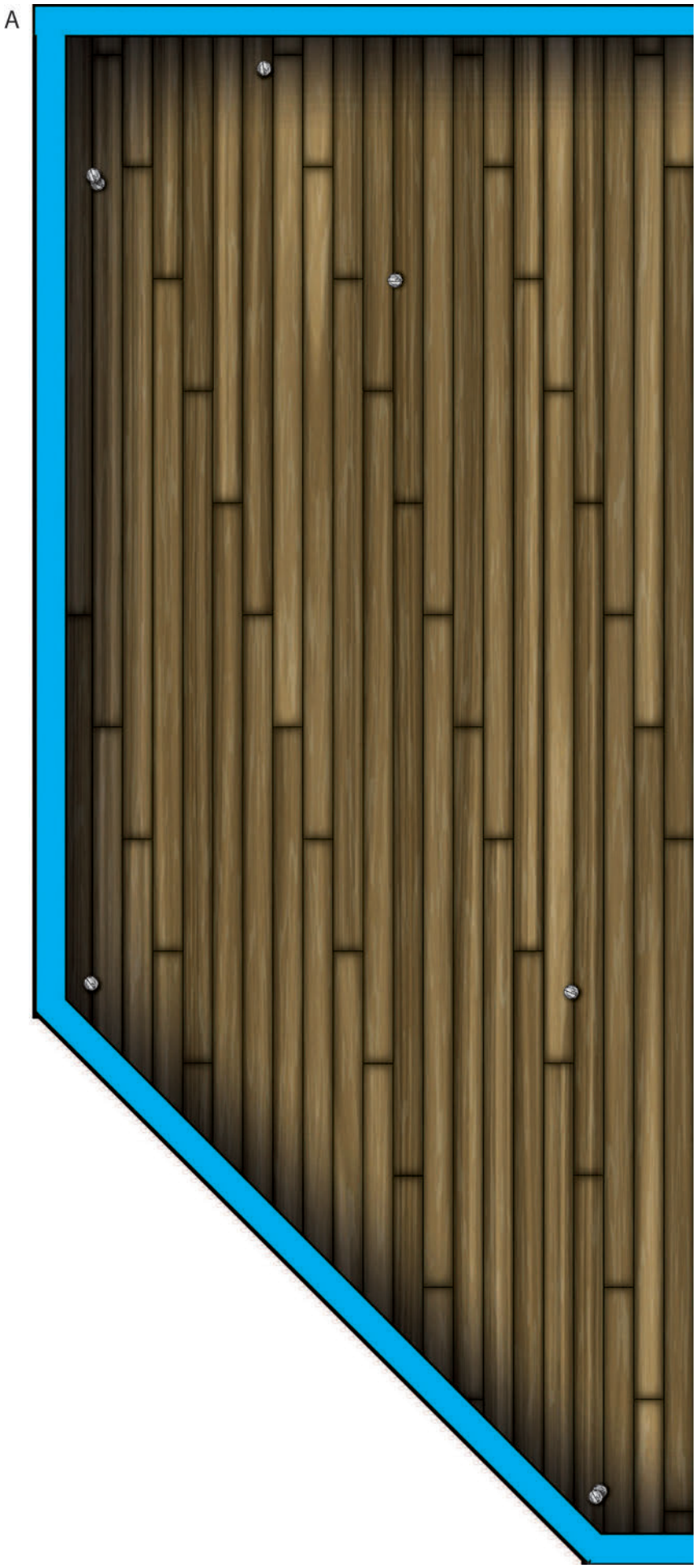
7C) Locate the roof supports, mount onto cardstock cut along the black outer line to remove. Score and fold along the black vertical lines 90 degrees each to form a corner triangular shape. Use the white tabs to glue into shape.

Glue the roof supports (flat side up) into the 90 degree corners of in the main room of your building. These should end just below the grey border where the second floor will rest..





Congratulations, now get gaming!

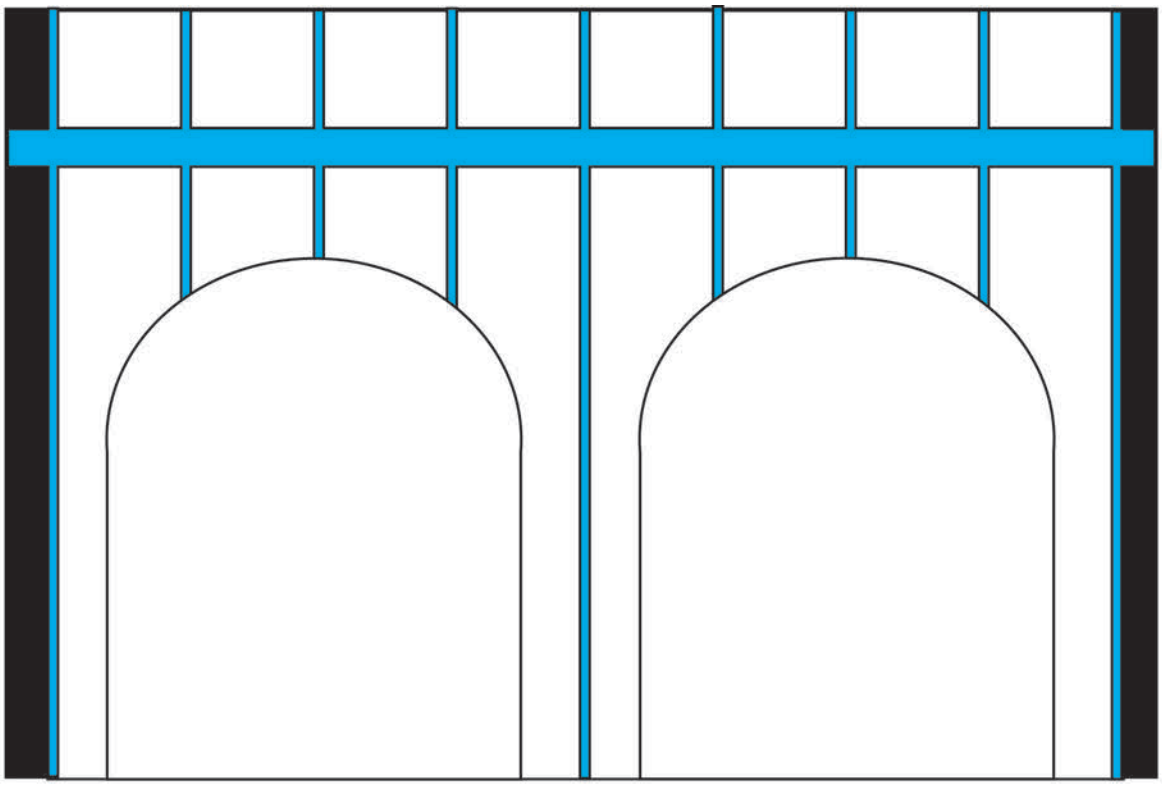

A

B

C

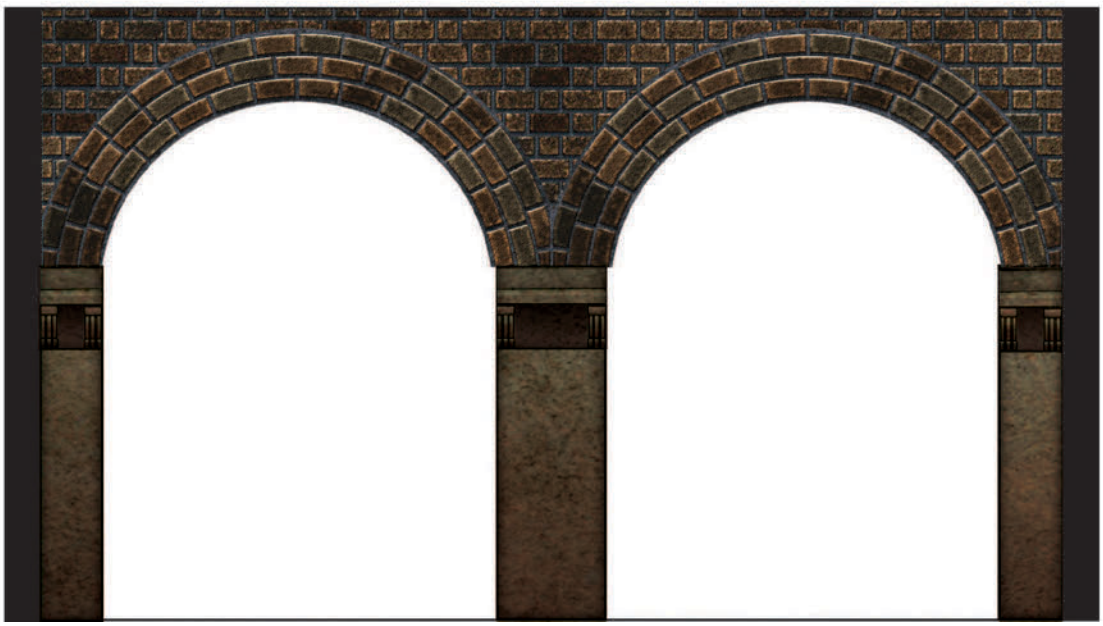
D

E



F

G

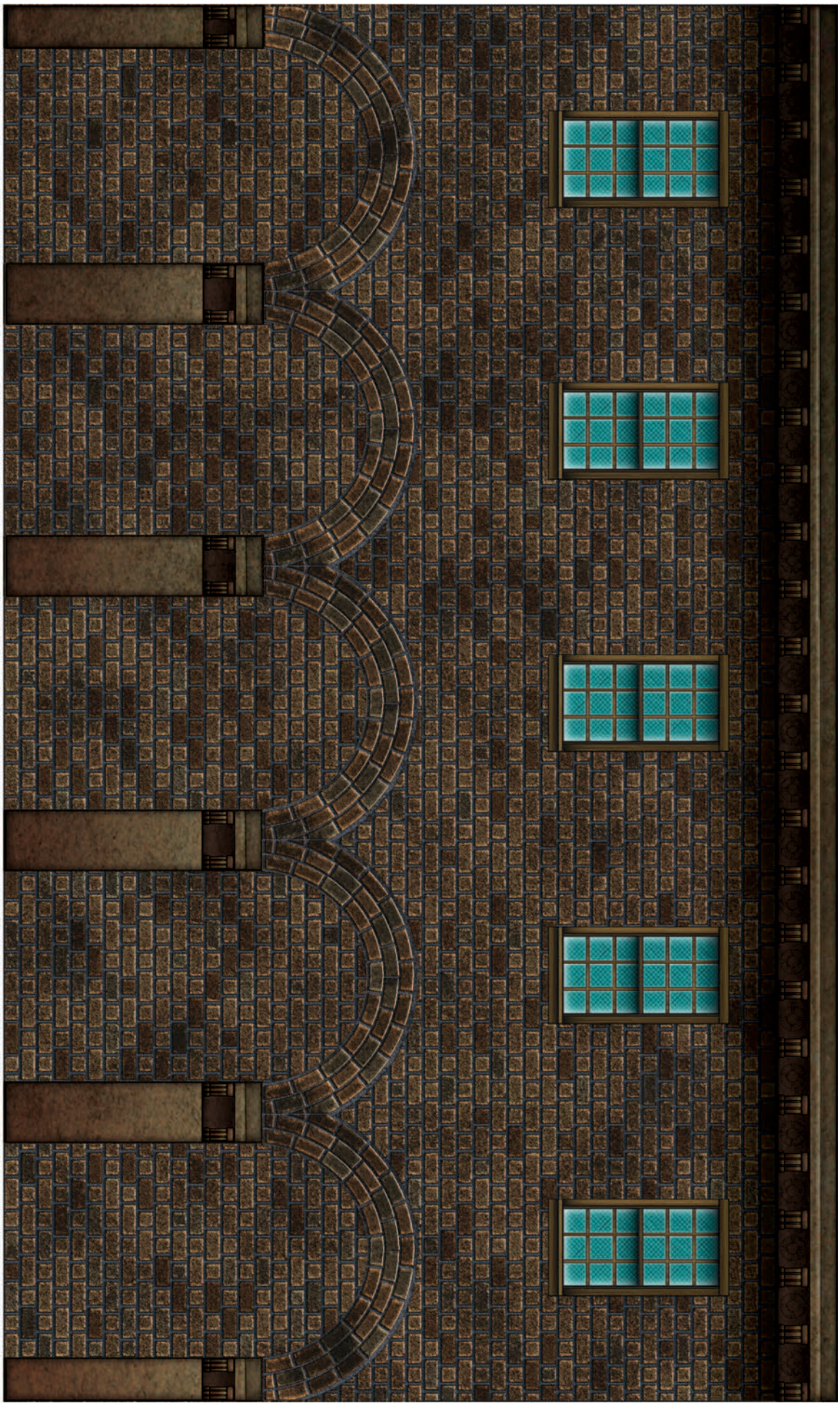


H

J

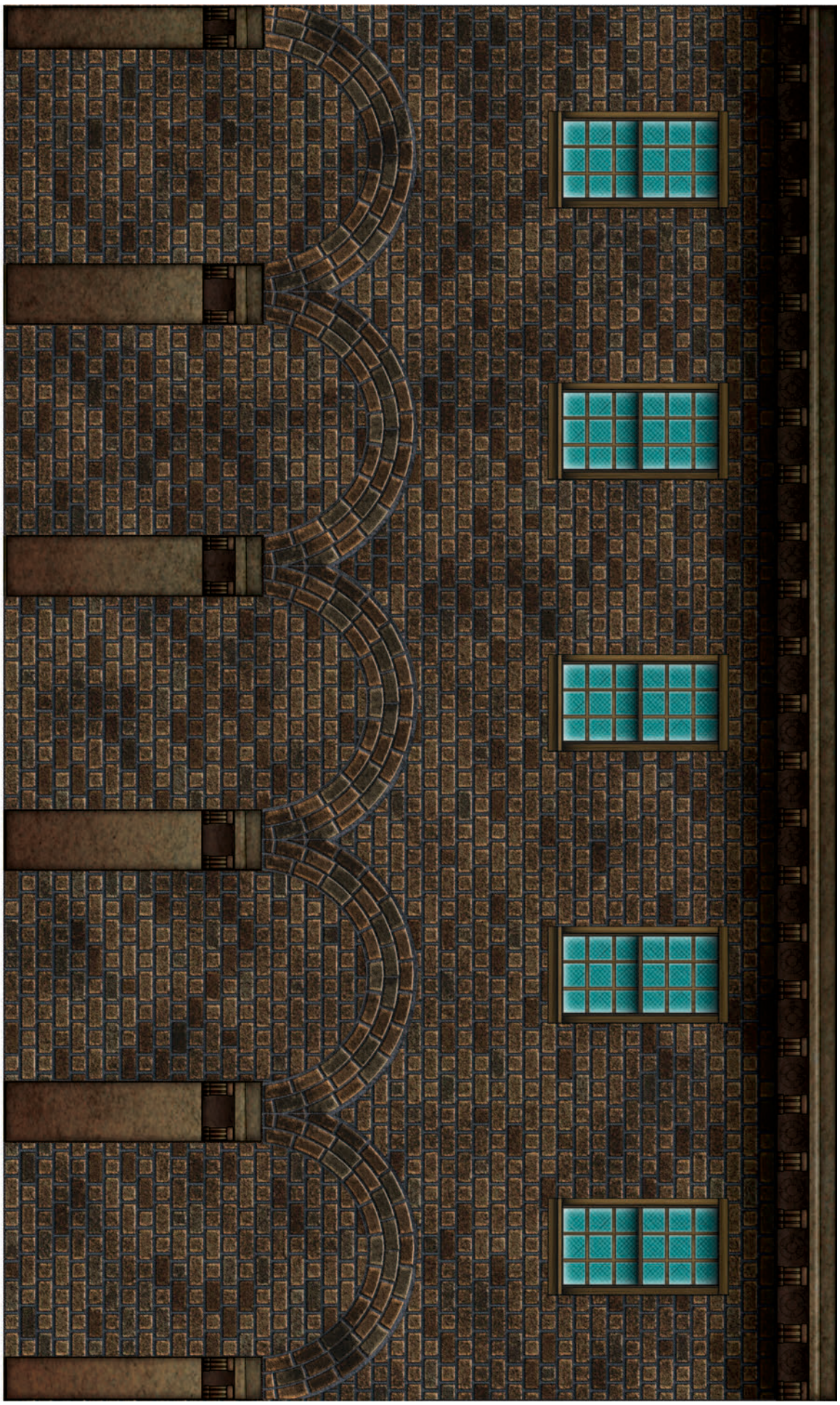
K

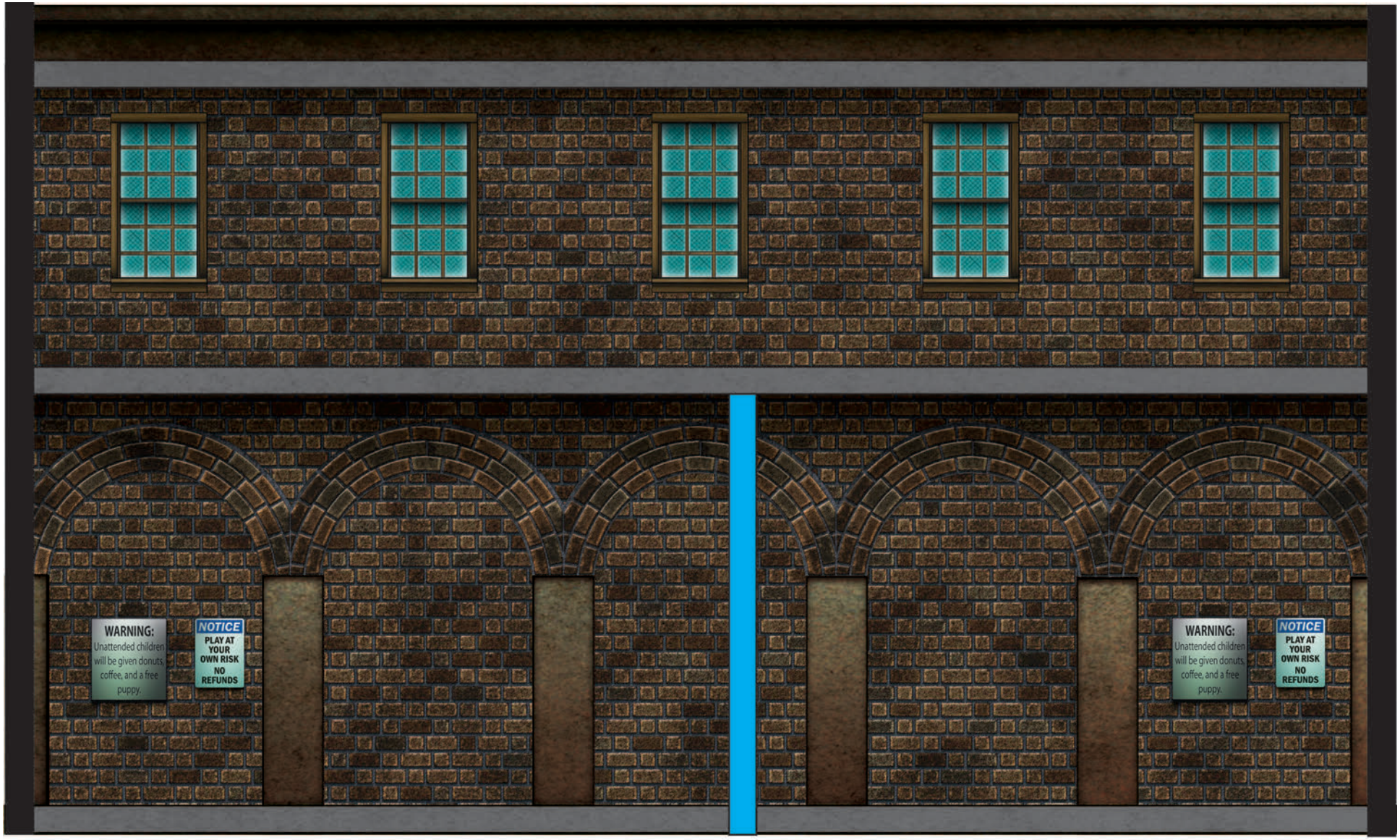
L



M

WARNING:
Unattended children will be given donuts, coffee, and a free puppy.
NOTICE
PLAY AT YOUR OWN RISK
NO REFUNDS

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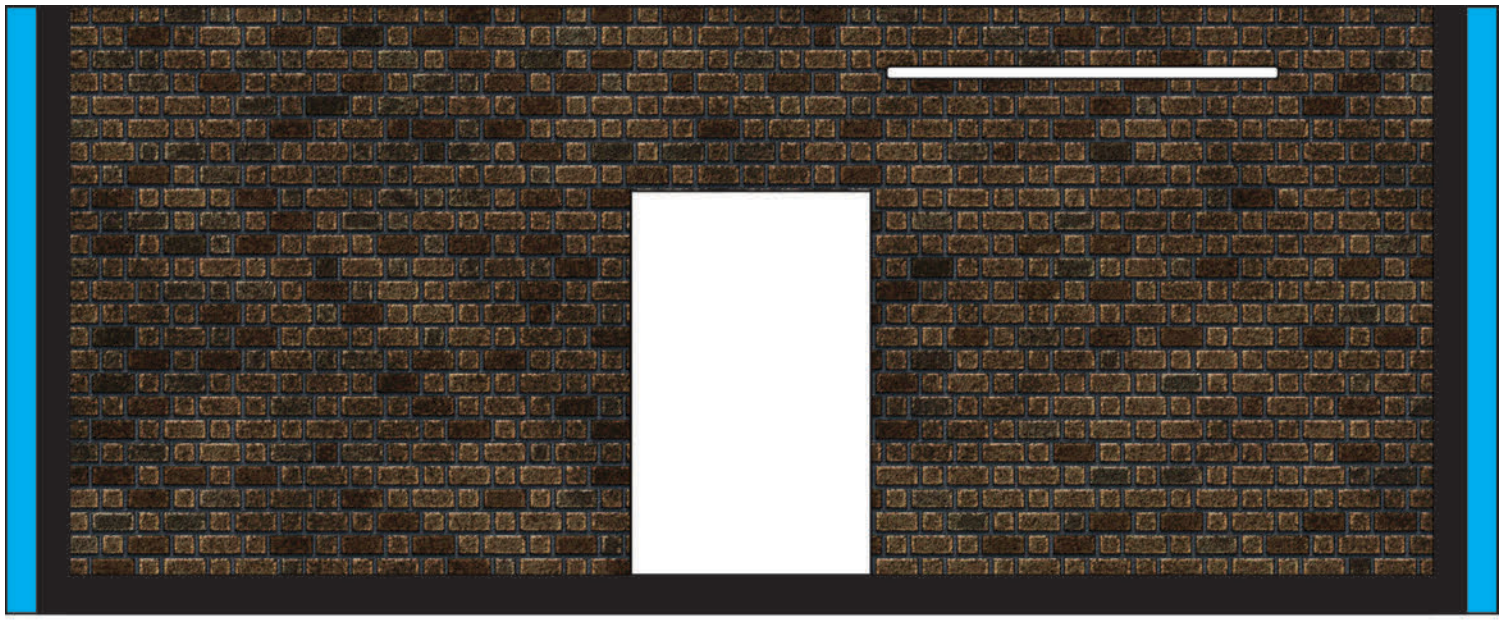
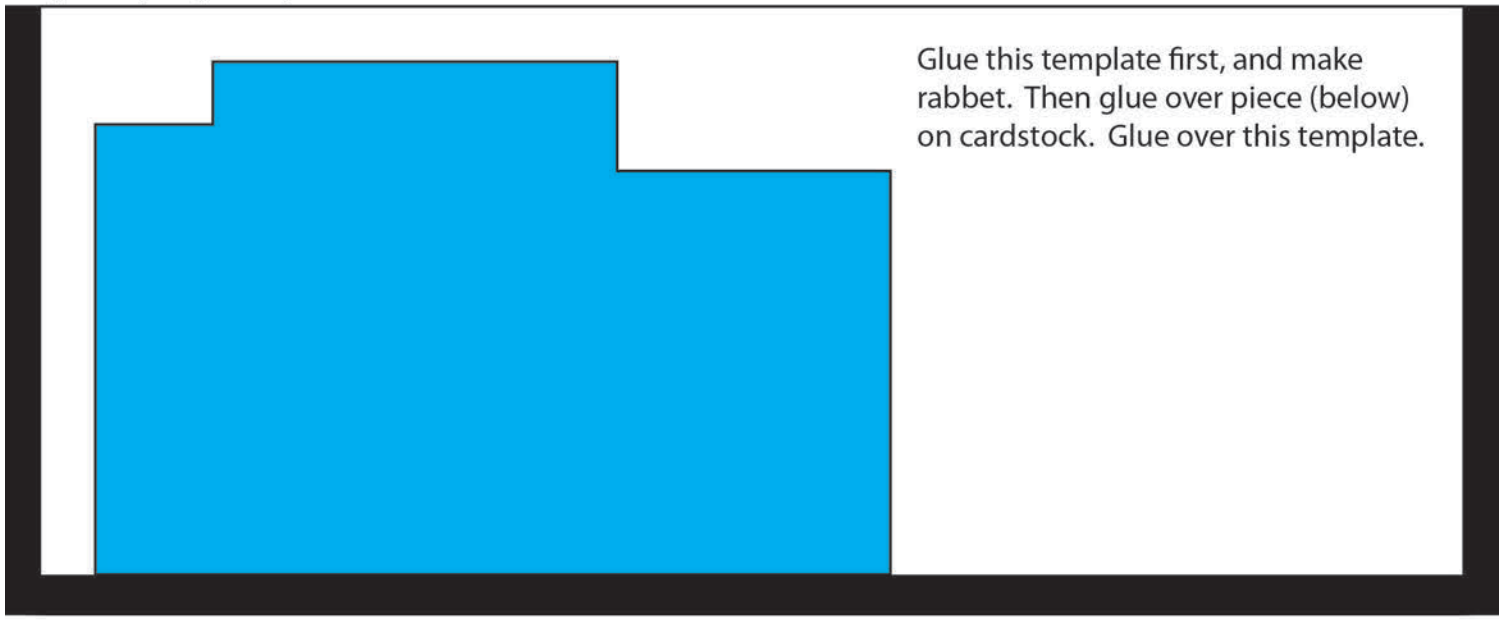
P

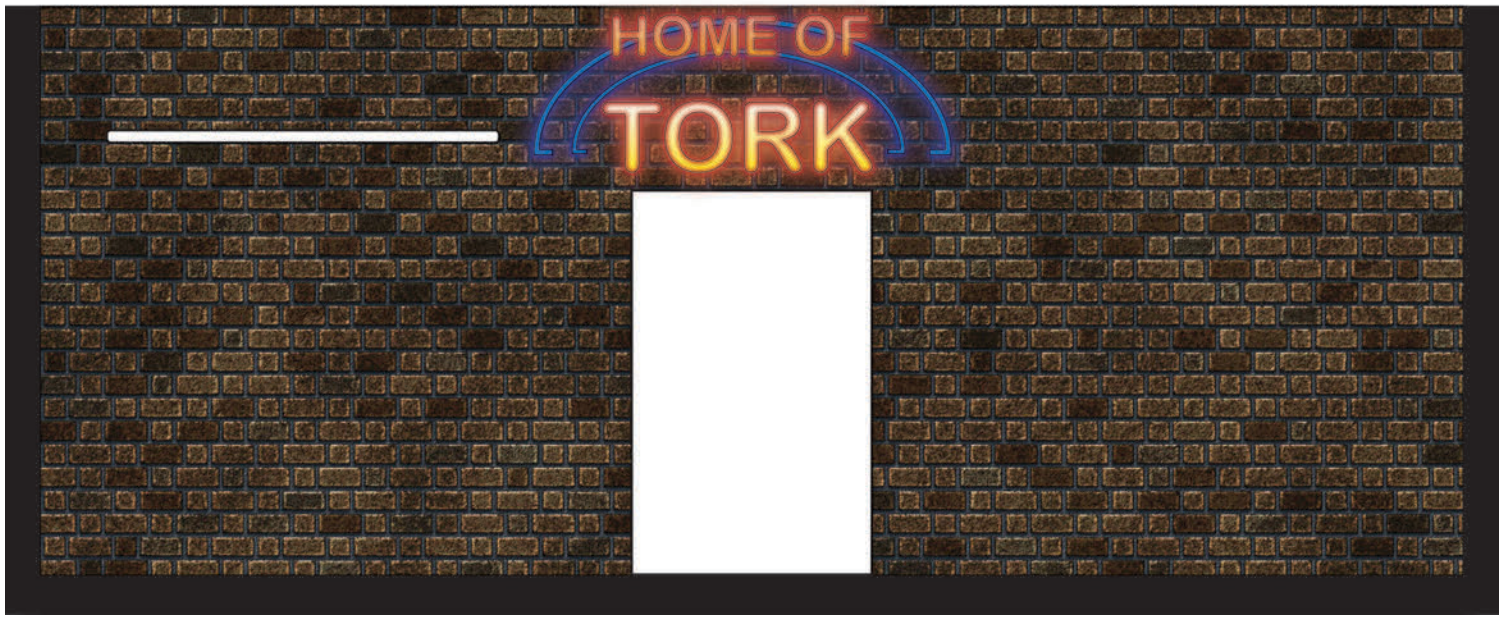
Q

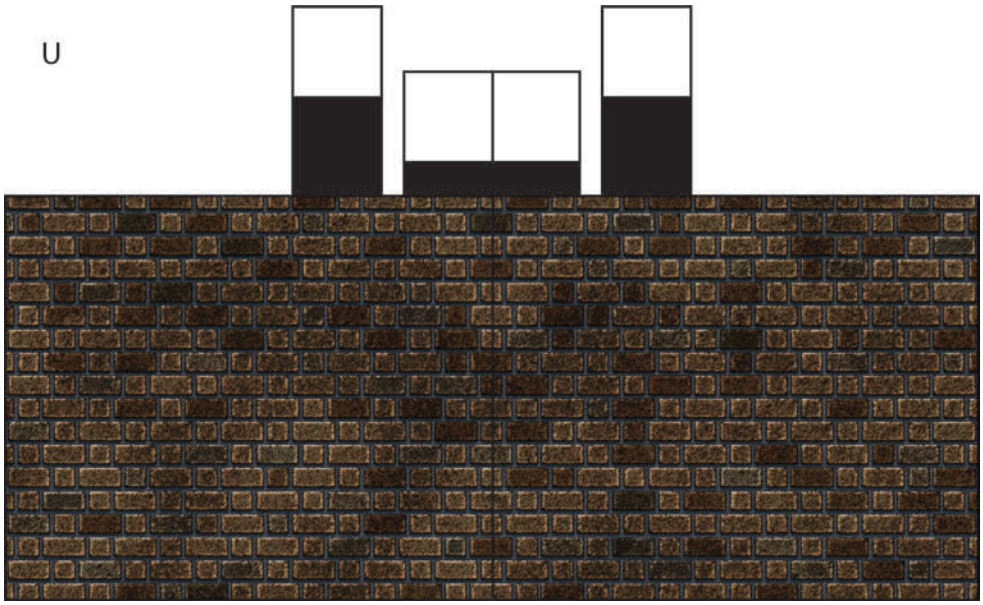


R (above) S (Below)

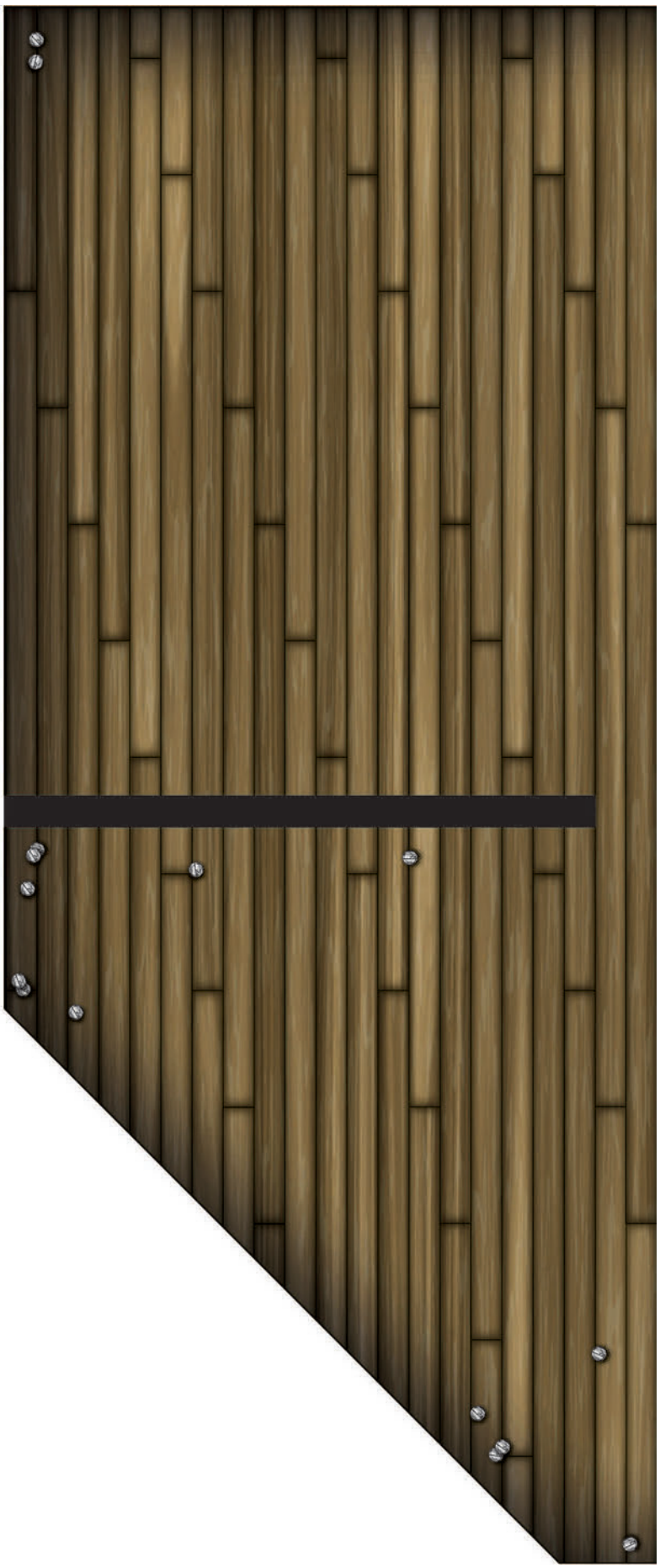


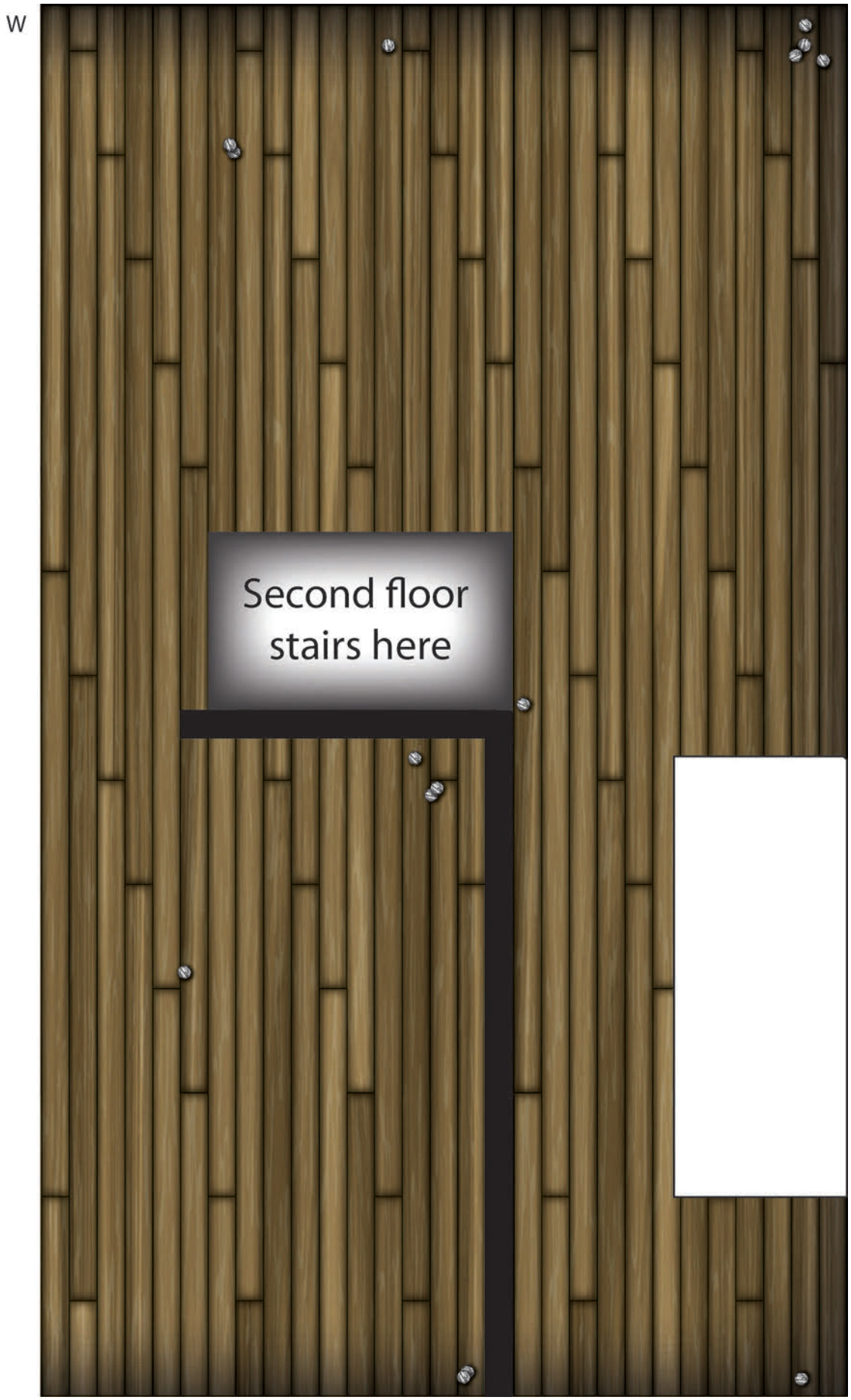
T

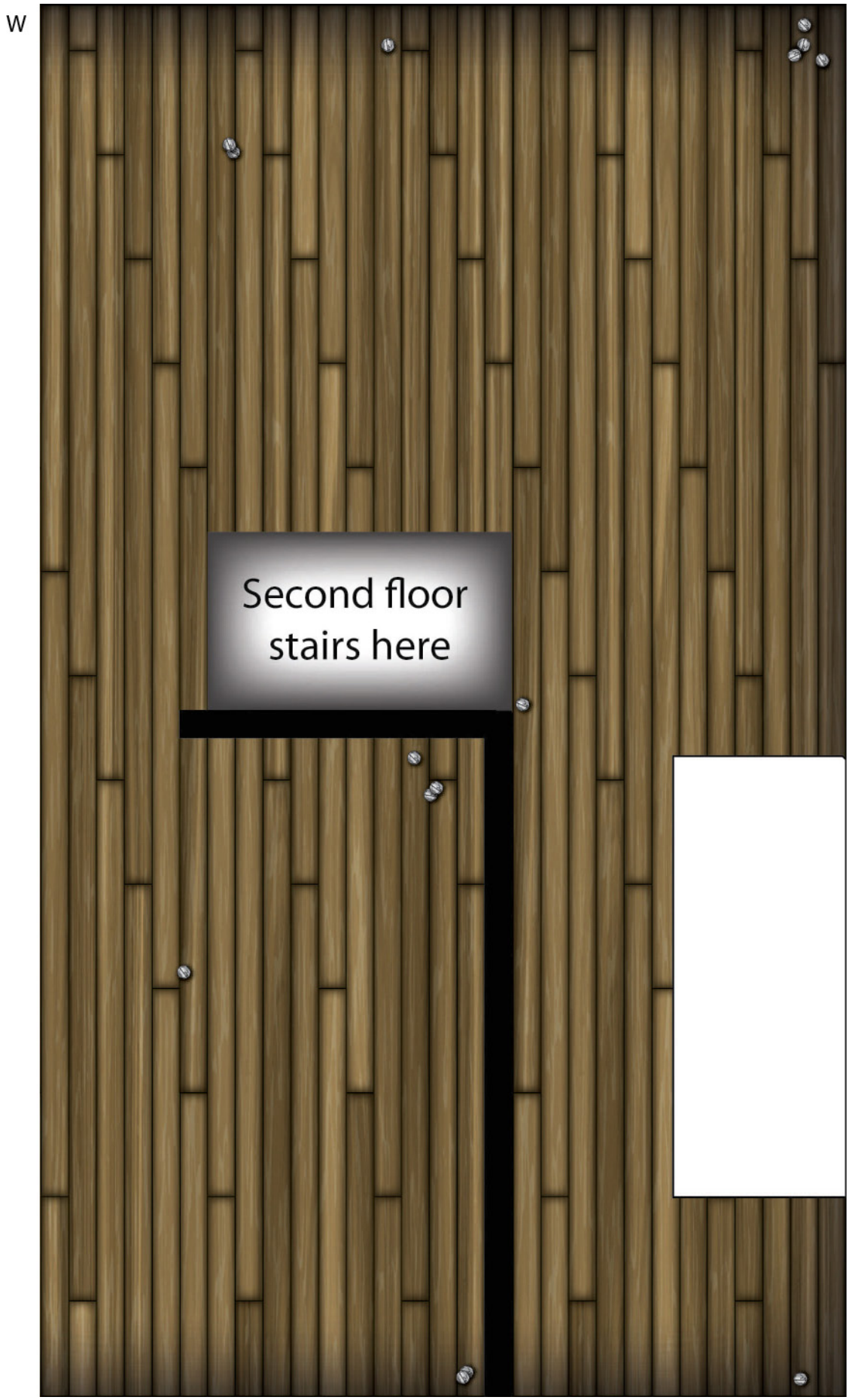



U

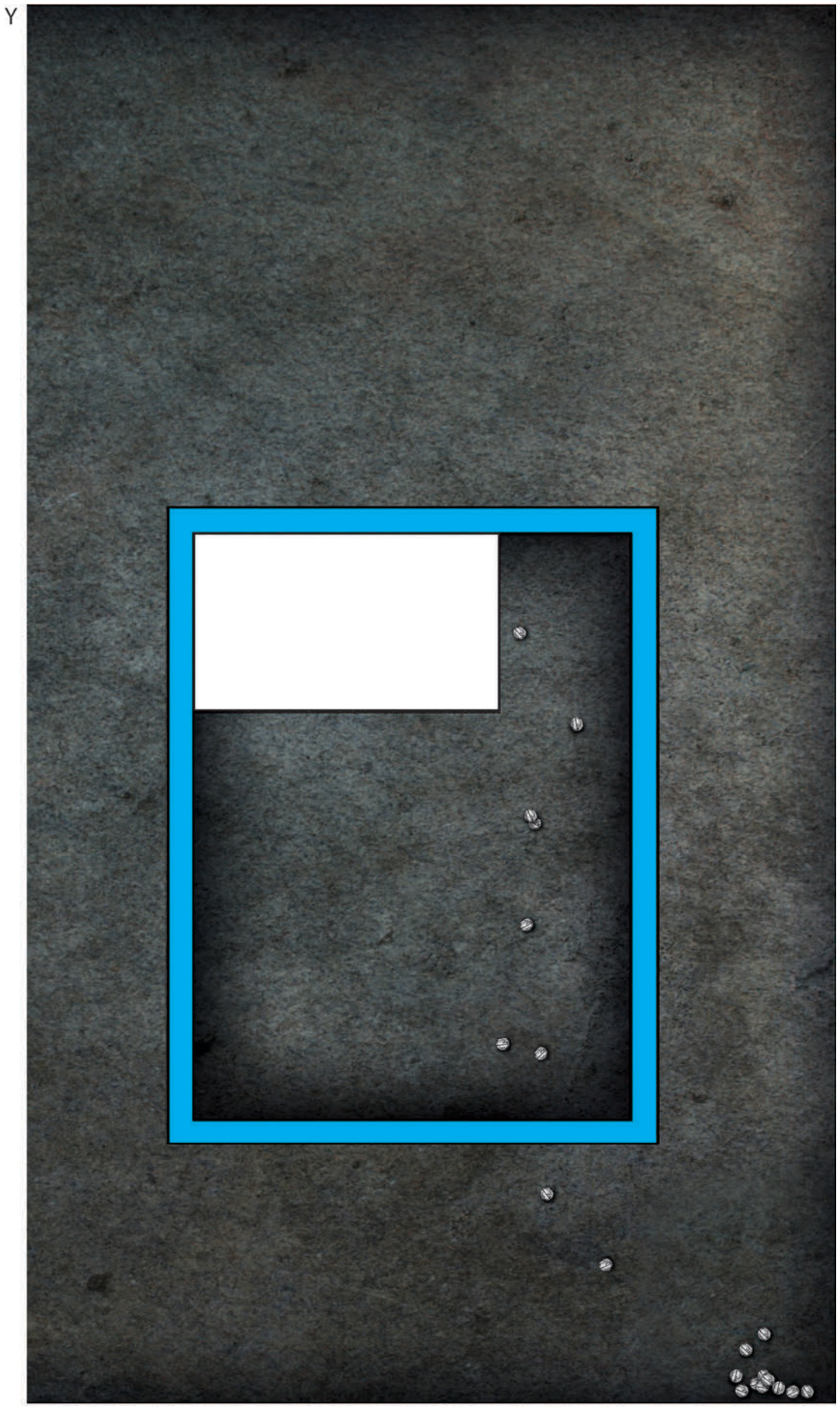
V




W
Second floor
stairs here


W
Second floor
stairs here

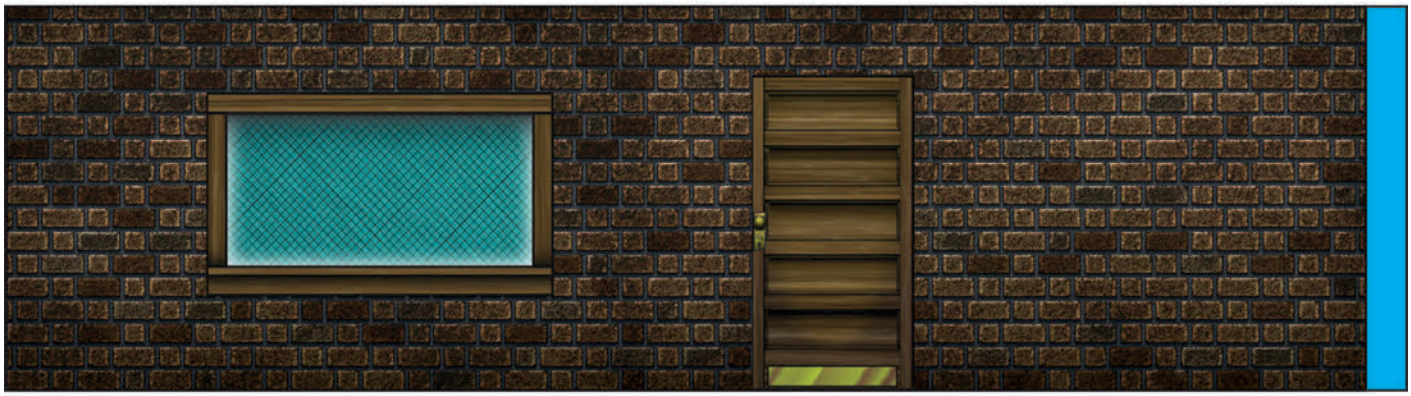
X


Y

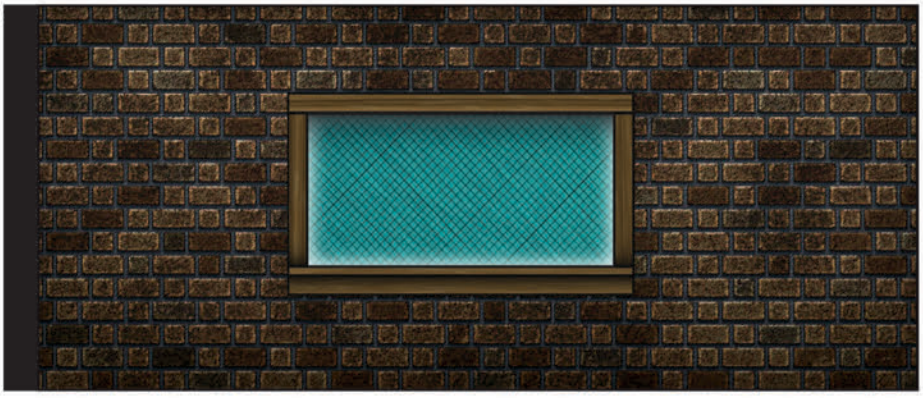
Z


Manager
WARNING
DO NOT DISTURB
NOTICE
PLAY AT YOUR OWN RISK
NO REFUNDS

aa



bb



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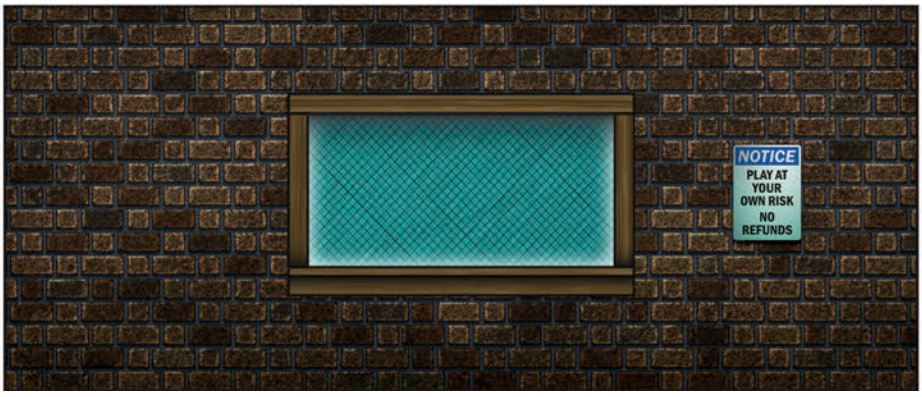
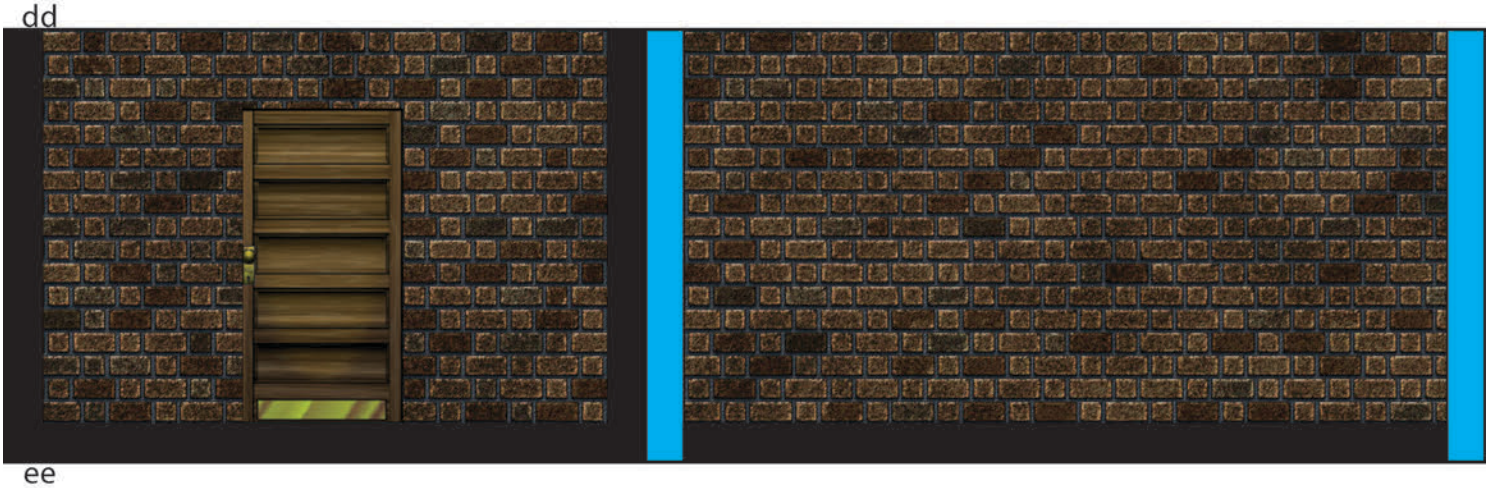

NOTICE
PLAY AT YOUR OWN RISK
NO REFUNDS

dd



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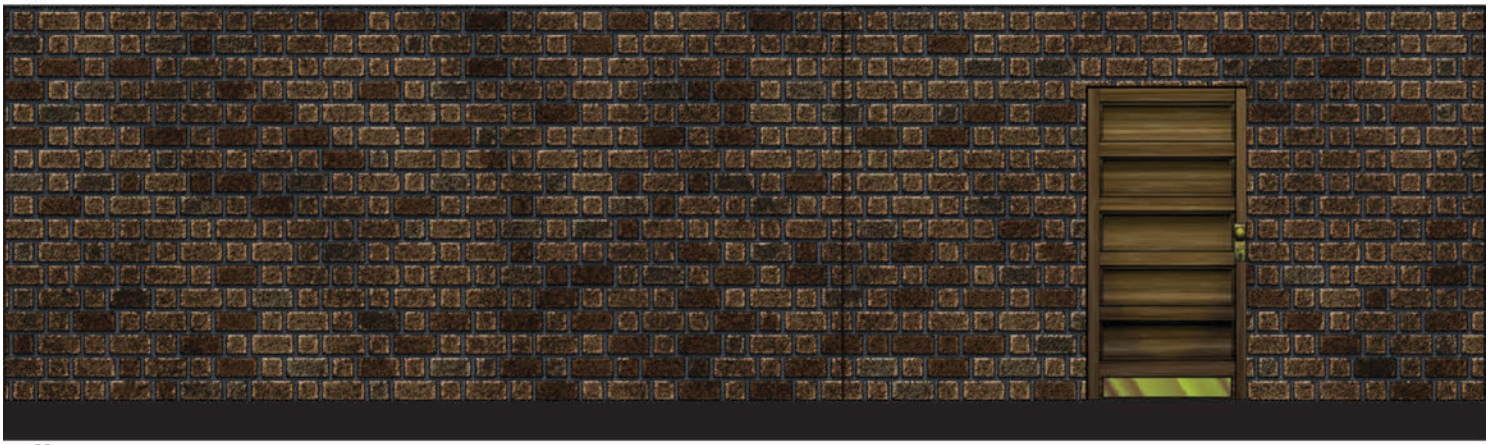

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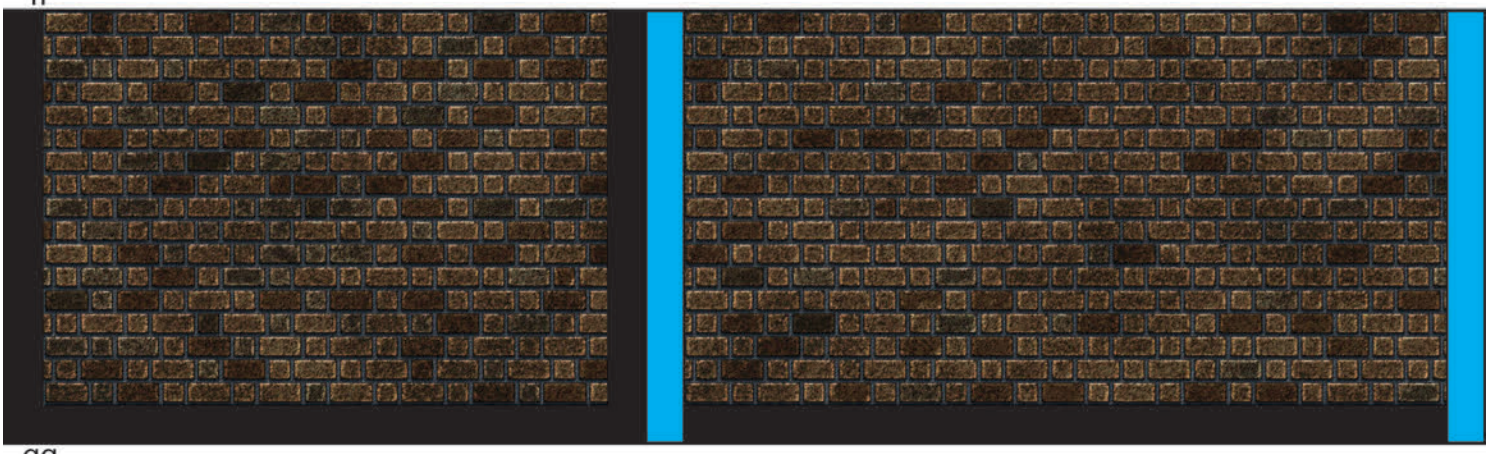
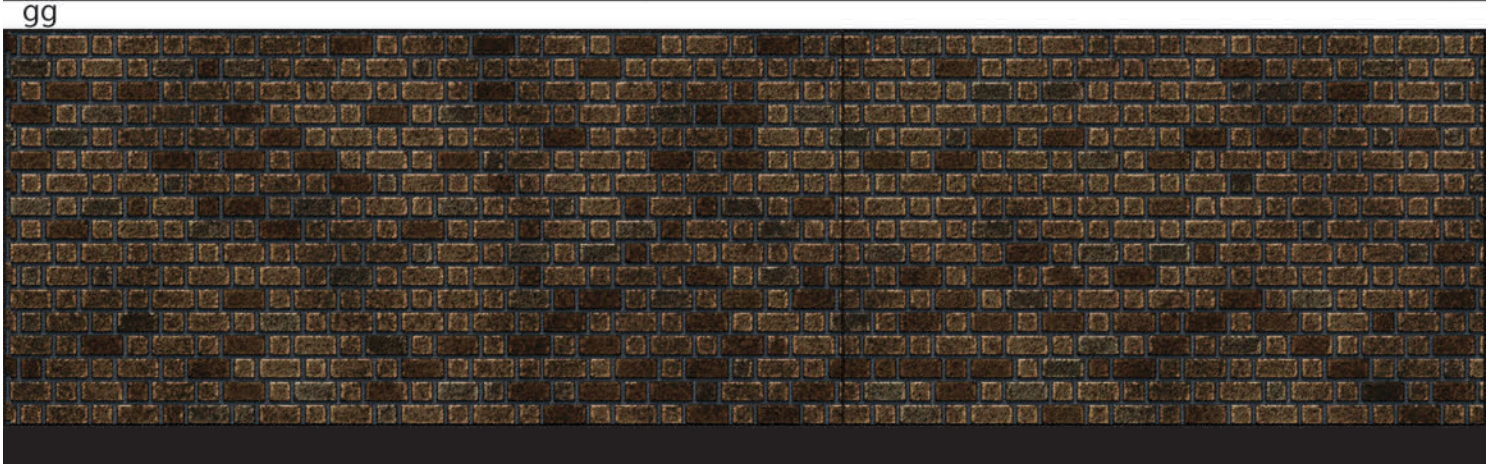


gg



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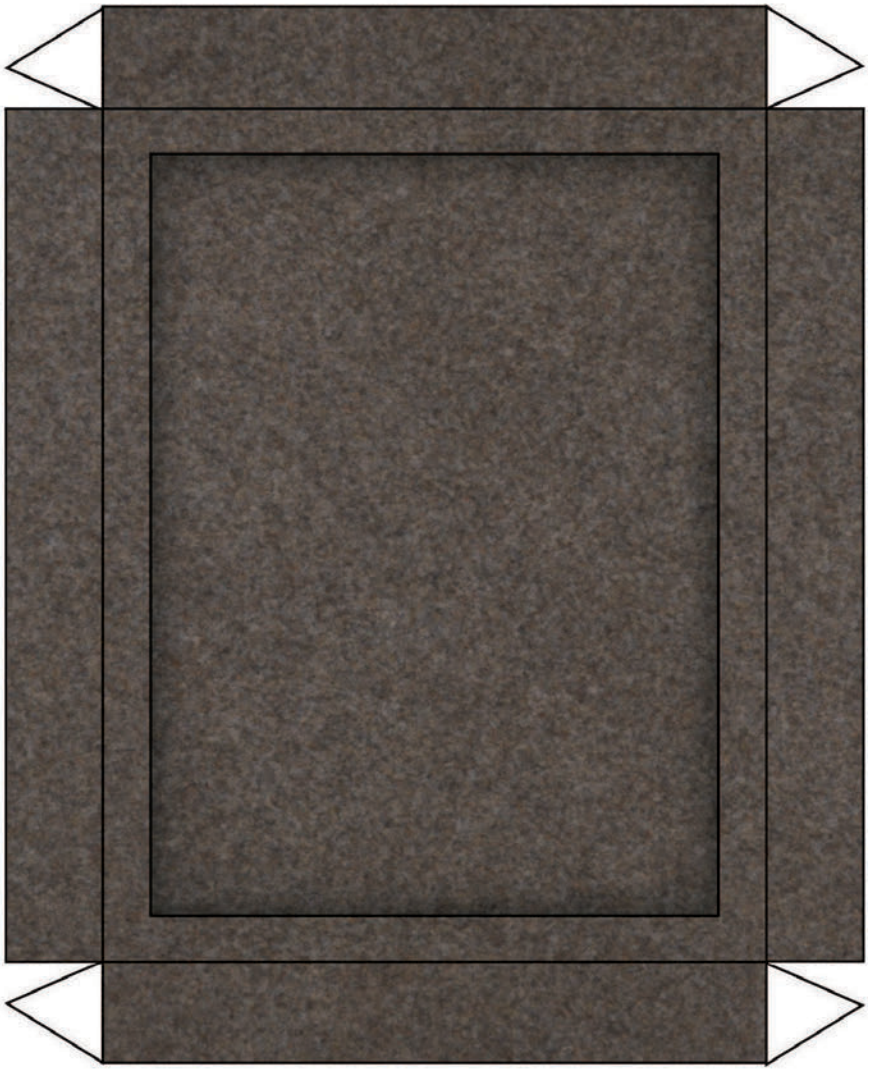
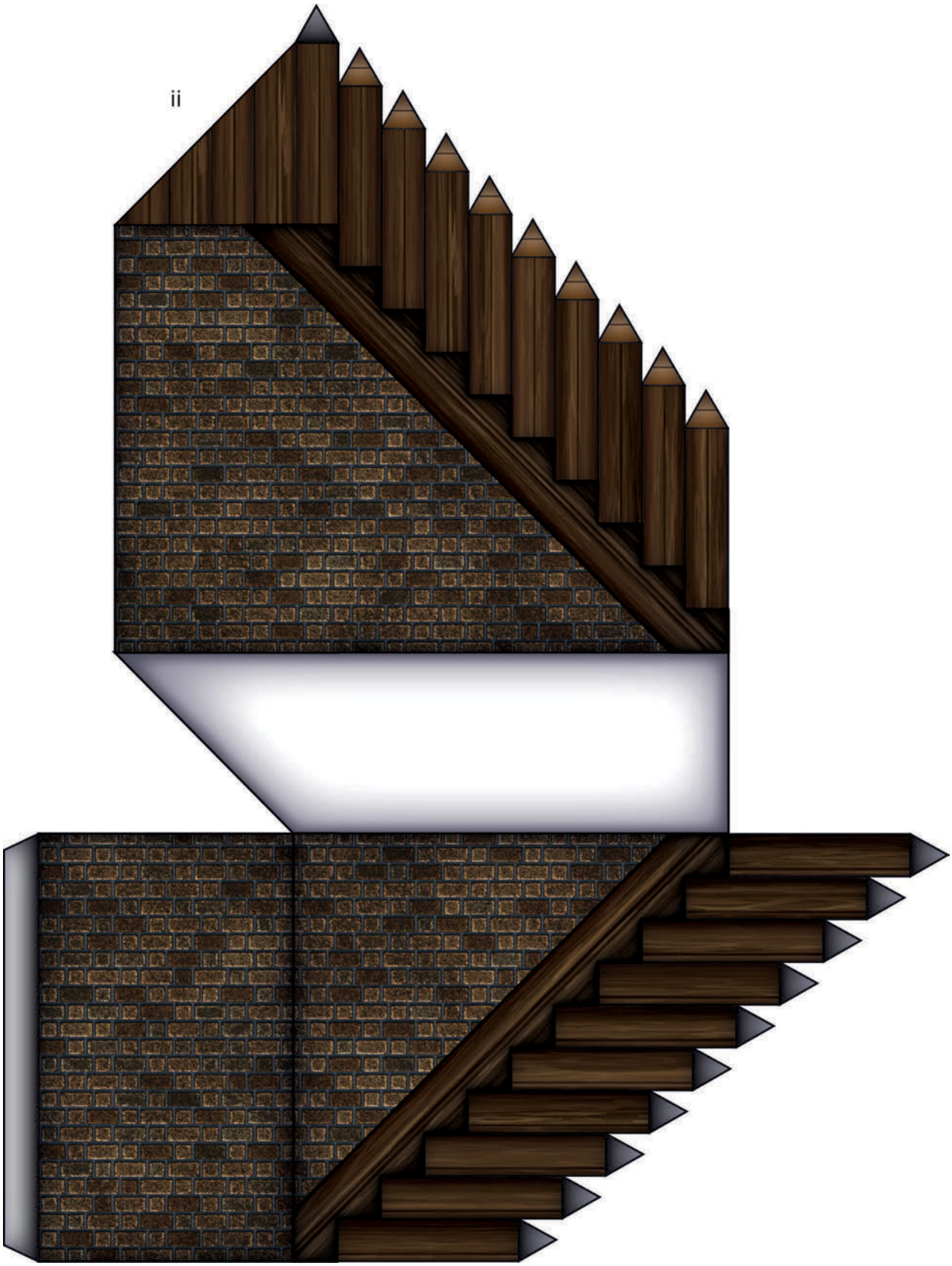
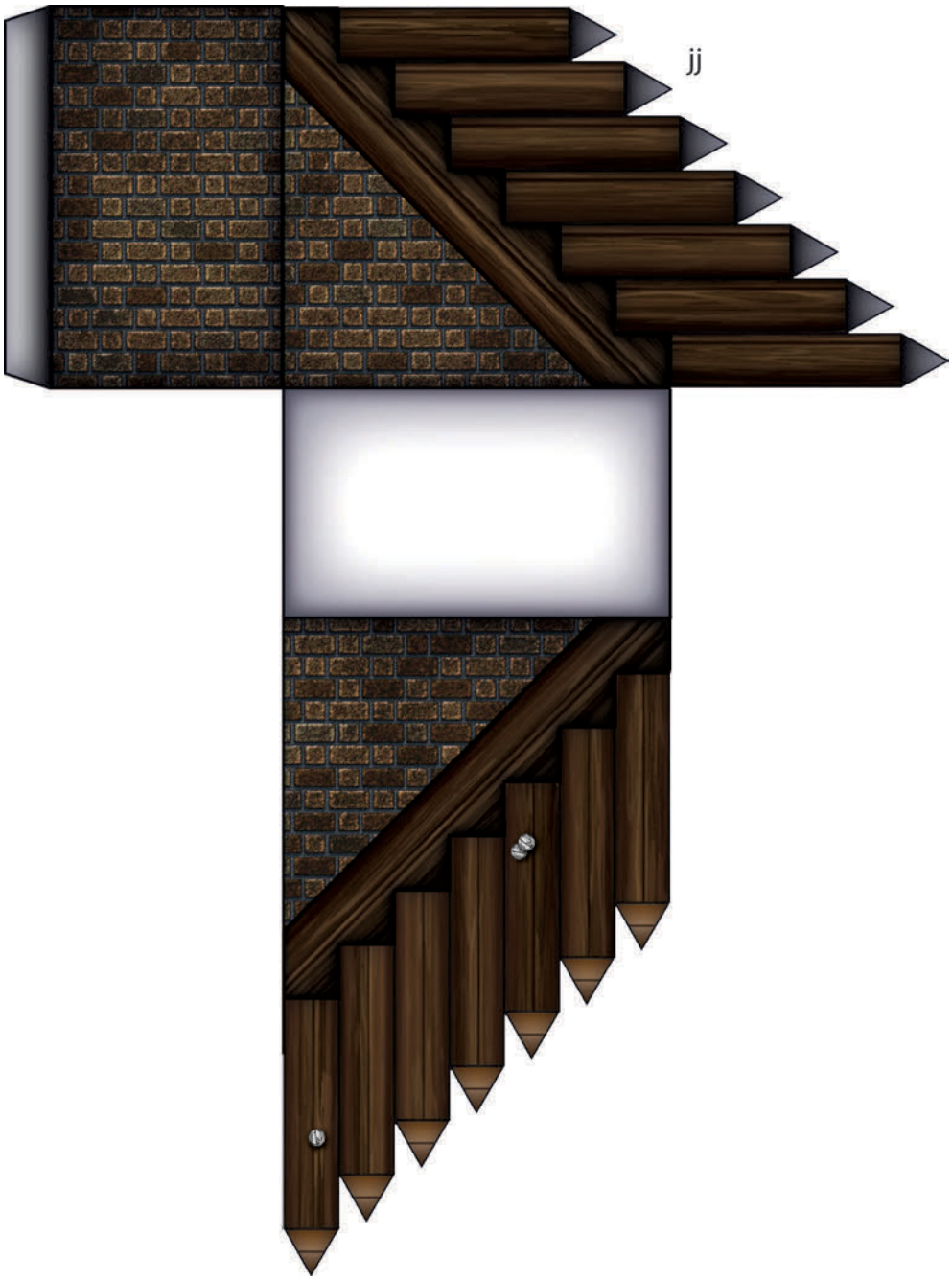


ii



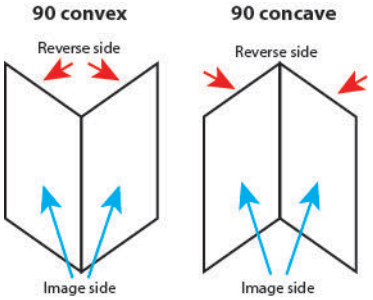

jj

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.

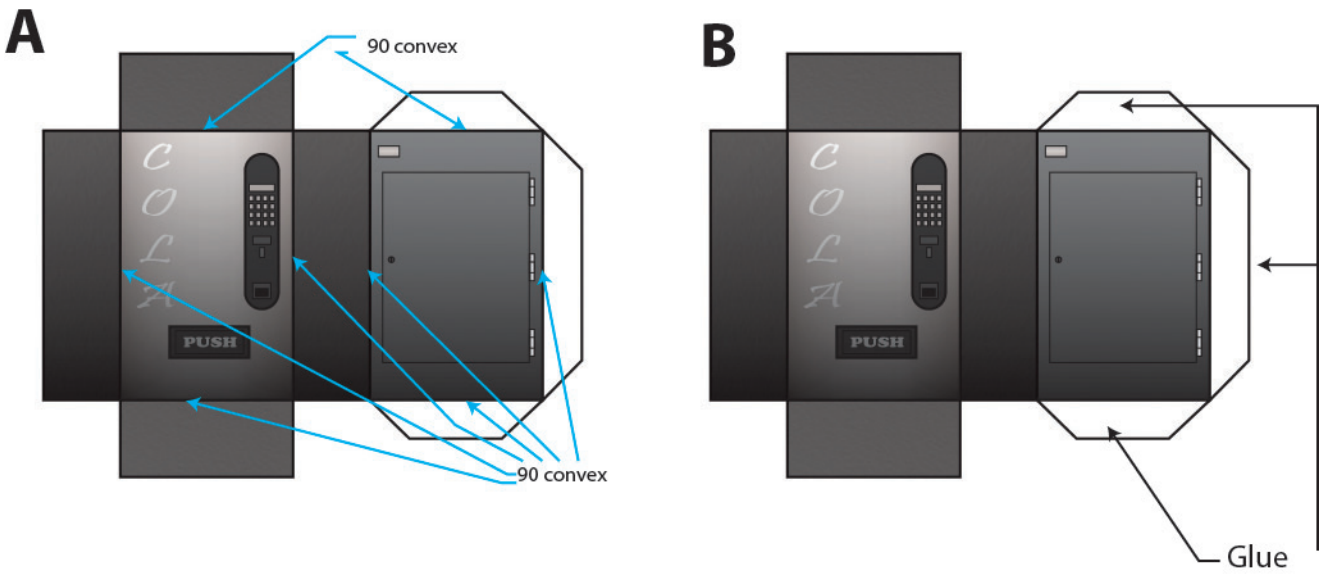
Cut out all your furniture and decorations. Draw around the edges of your cuts with black marker.

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

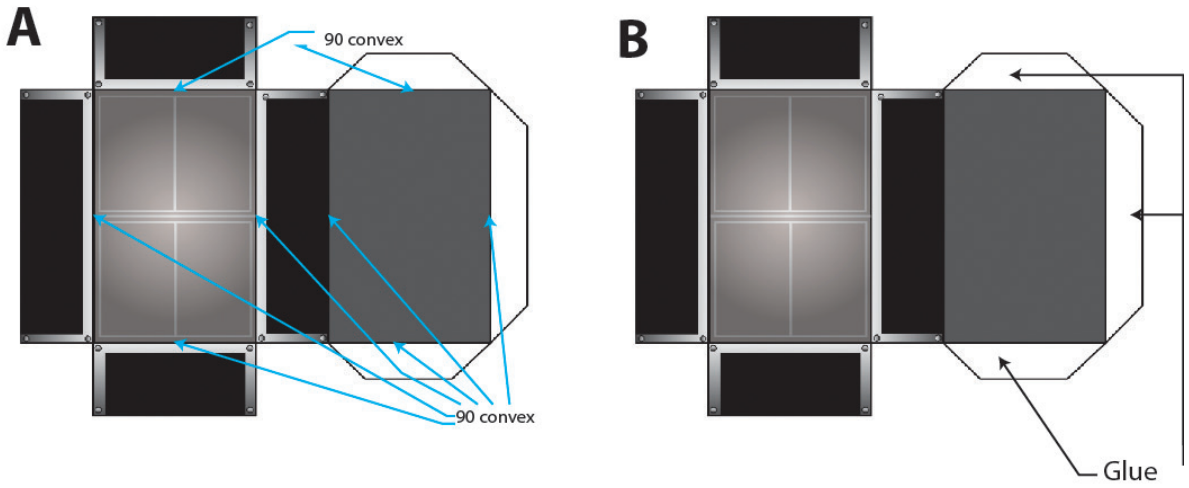


A note on folds: There are two main types of folds you will need to make: Convex and Concave. Convex folds refer to any fold (90 or 180 degrees) where the images remain on the outside of the fold surface. Or in other words, the two sides of the fold are pushed away from each other. Concave folds are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

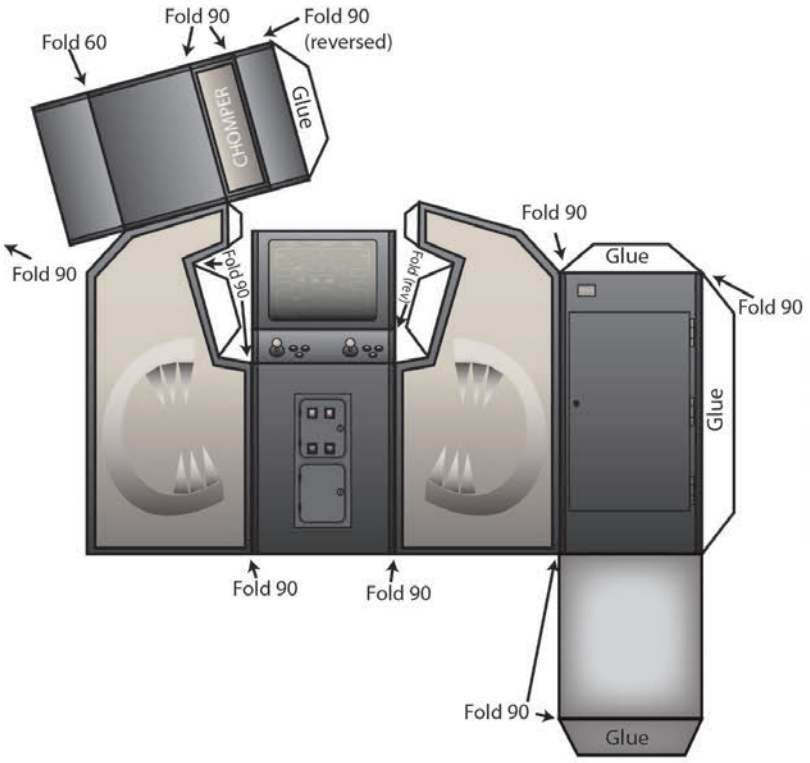
Soda/Snack Machine



Pool/Ping-Pong Table

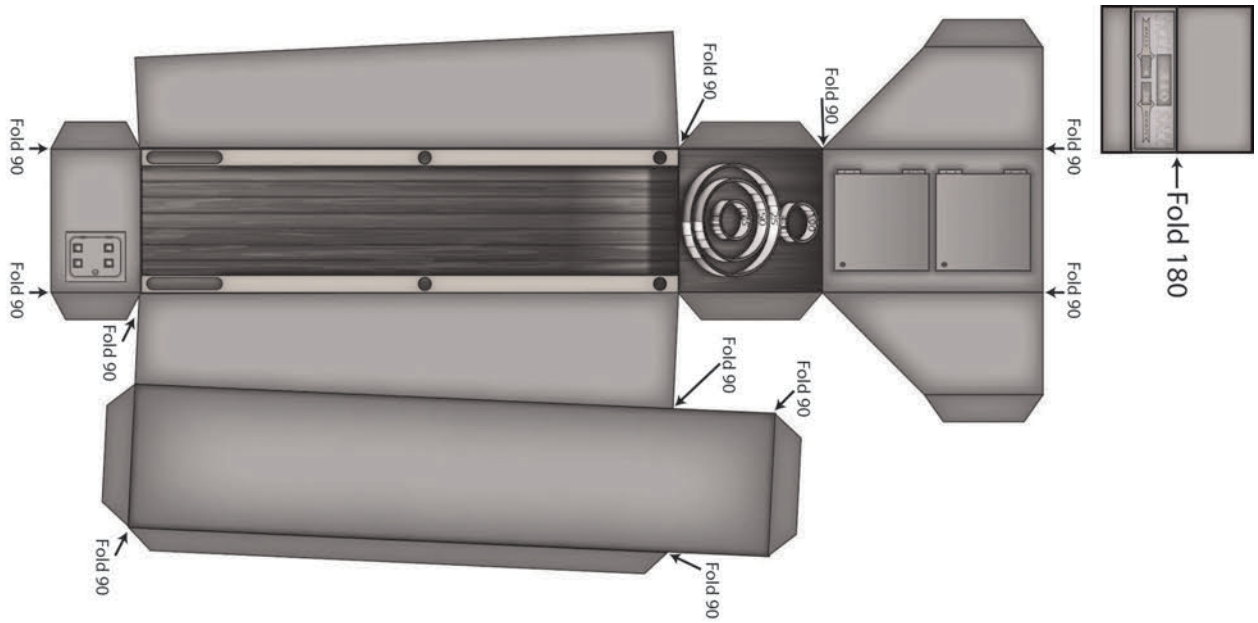


Arcade cabinet

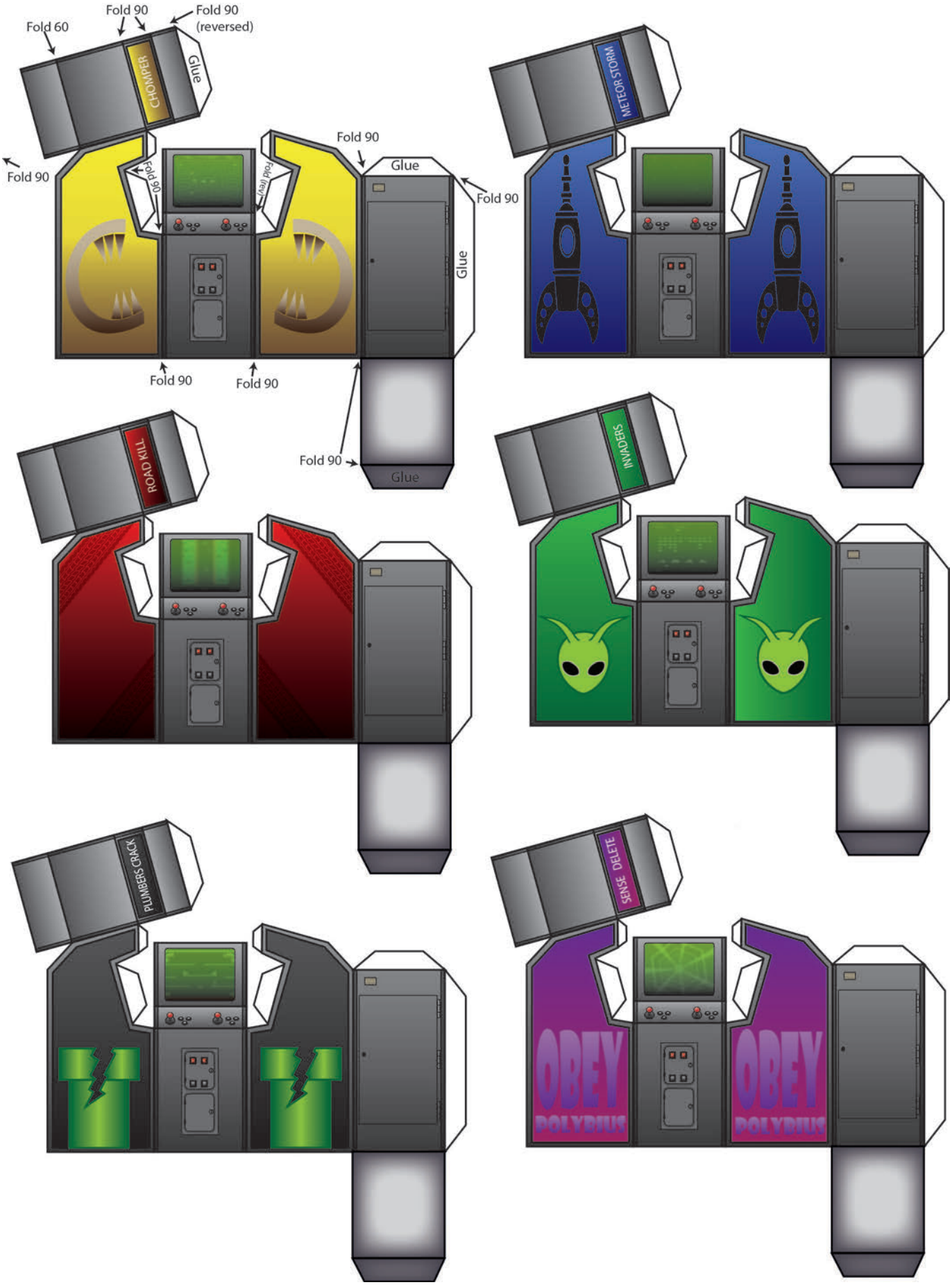


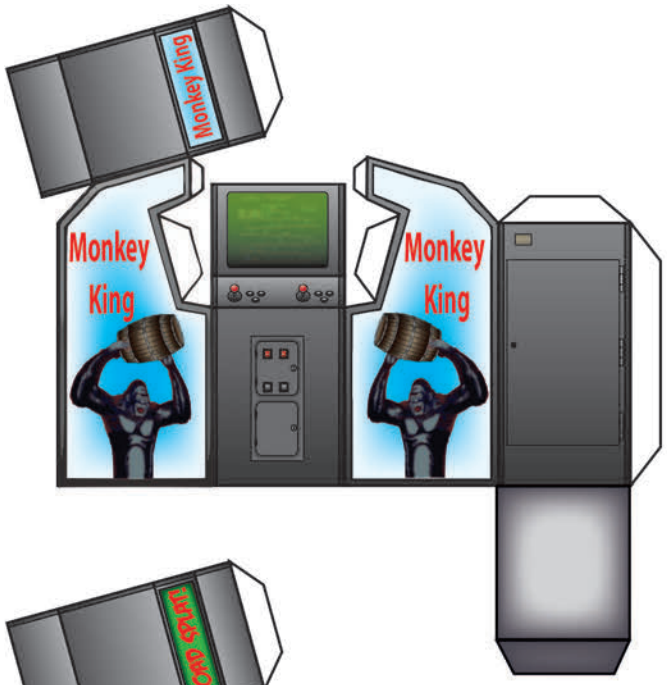
This can be a fairly intimidating looking piece, but it isn't really that hard to do. Start this the monitor, which is a convex bend below the controls, and a concave bend above them. The monitor should rest (glued) on the two larger white tabs seen to the left and right of it. The next main element is the cabinet marquee, which is entirely 90 convex bends, with the exception of the white tab which is concave bend, and should glue behind the monitor. After these, all you will have left to do is close and glue the back and the bottom.

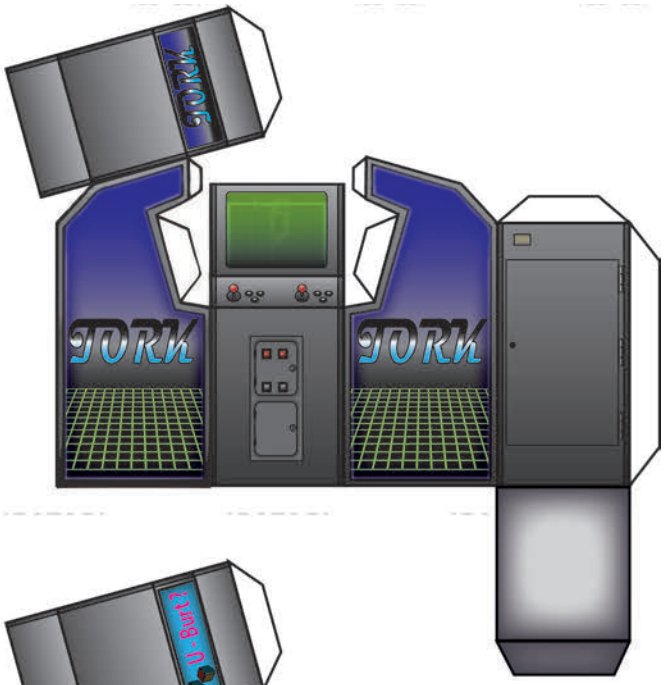
Skee Ball

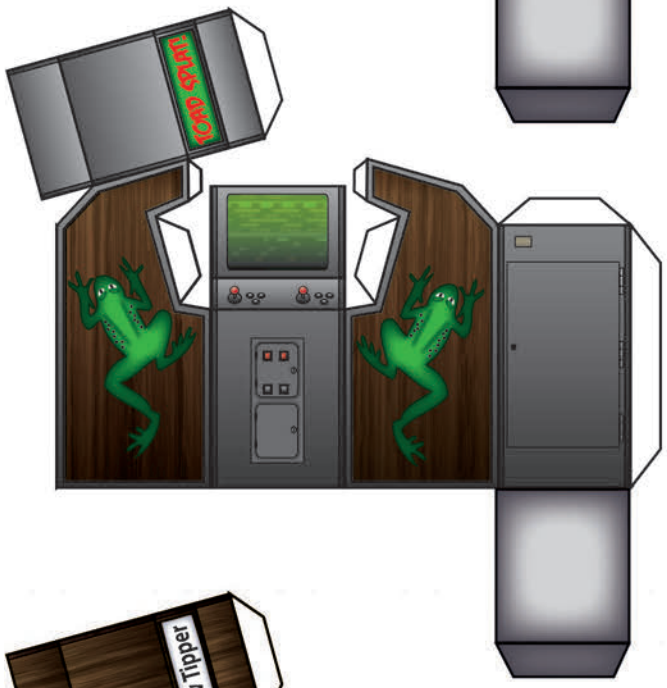


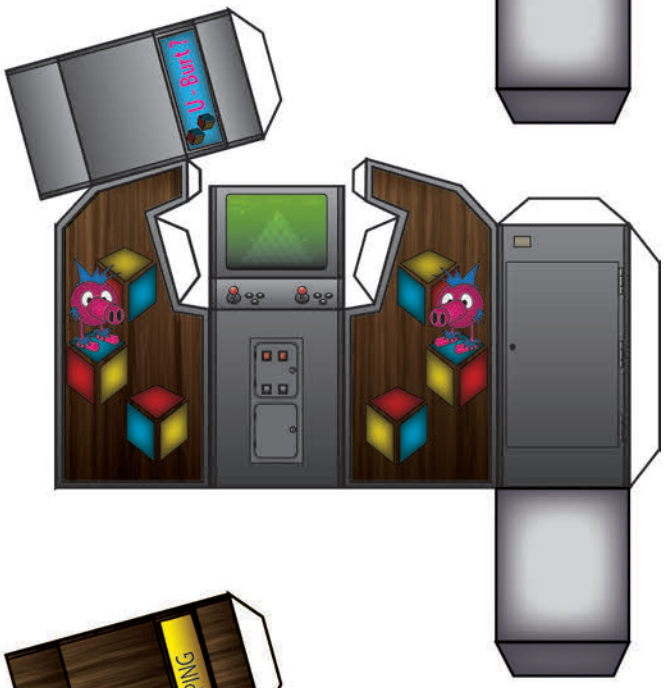
Note: The two tabs to the top and bottom of the right most portion of the main element in the schematic are not to be folded. They glue under the sides of the main ramp.

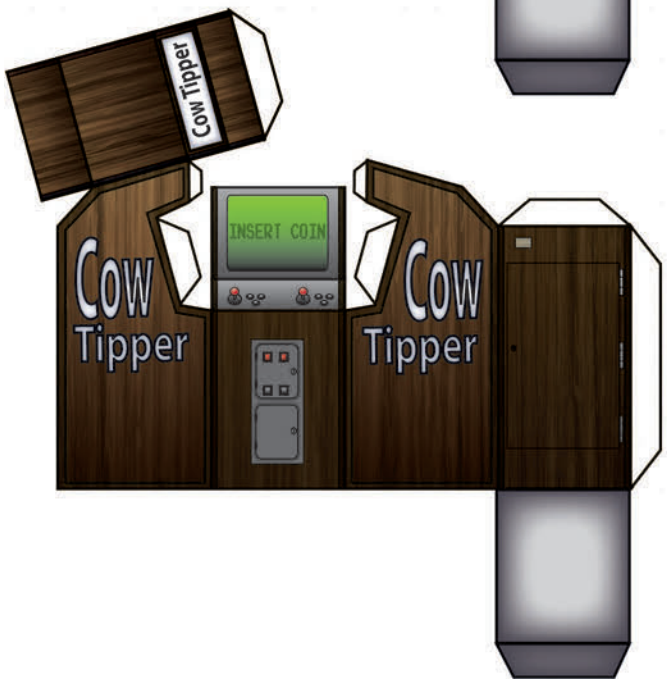

Fold 60
Fold 90
Fold 90
(reversed)
CHOMPER
Glue
Fold 90
Fold 90
Fold 90
Fold 90
Glue
Glue
Fold 90
Fold 90
Fold 90
Glue
METEOR STORM
ROAD KILL
INVADERS
PLUMBERS CRACK
SENSE DELETE
OBEY
POLYBIUS
OBEY
POLYBIUS

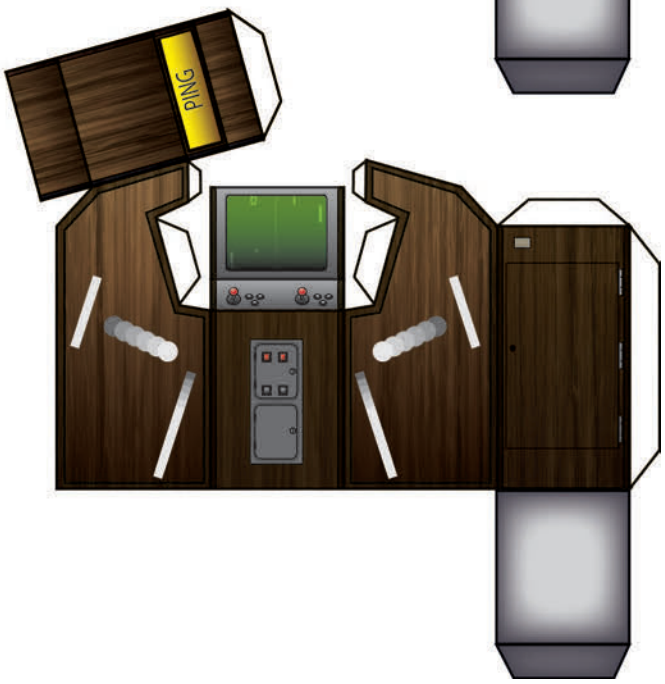

Monkey King
Monkey
King
Monkey
King

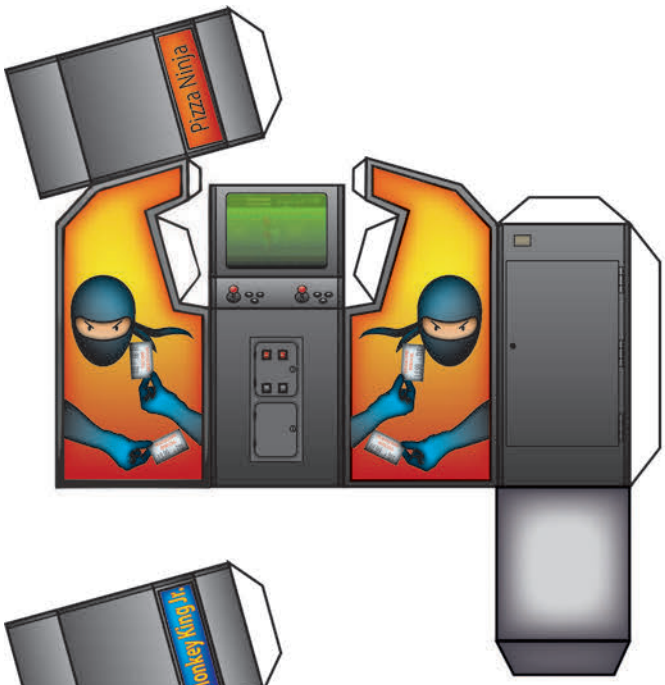

JORK
JORK
JORK

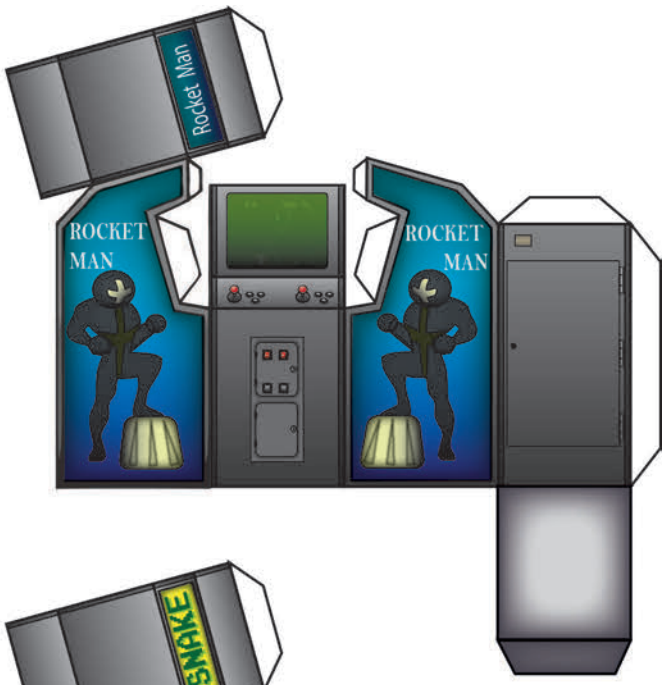

TOAD-STAT

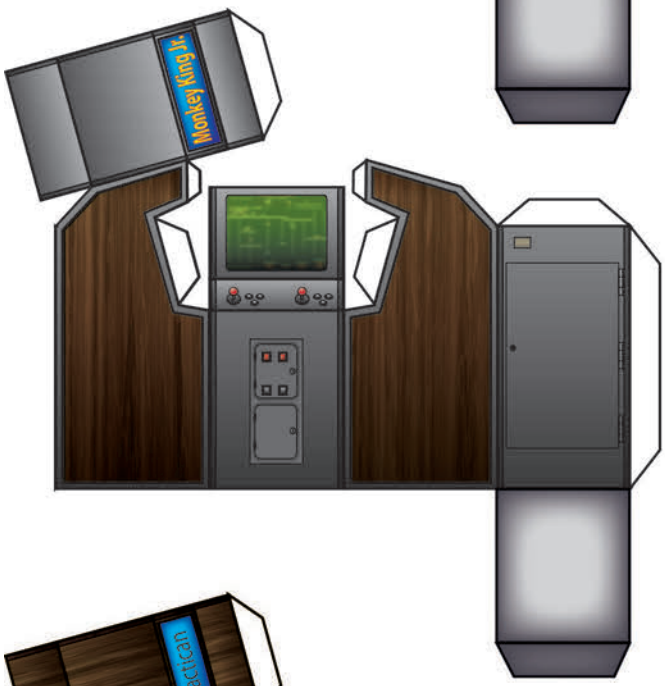

U-BUT

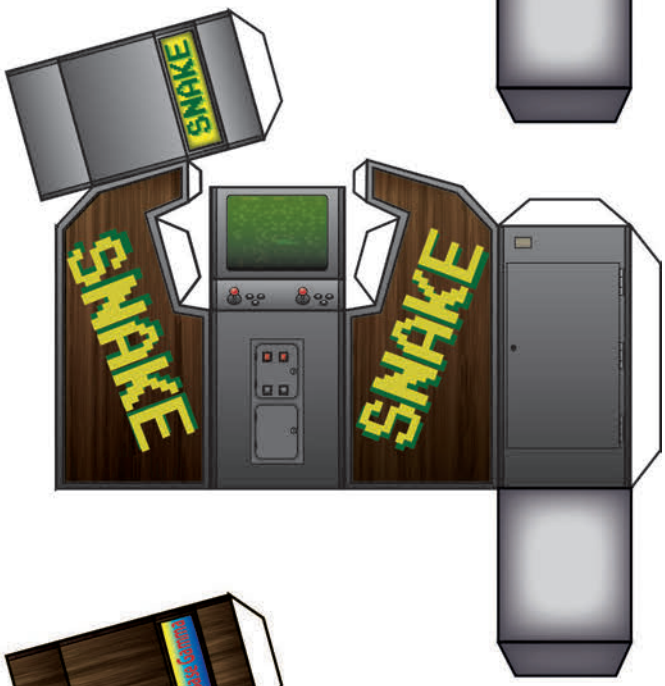

Cow Tipper
INSERT COIN
Cow
Tipper
Cow
Tipper

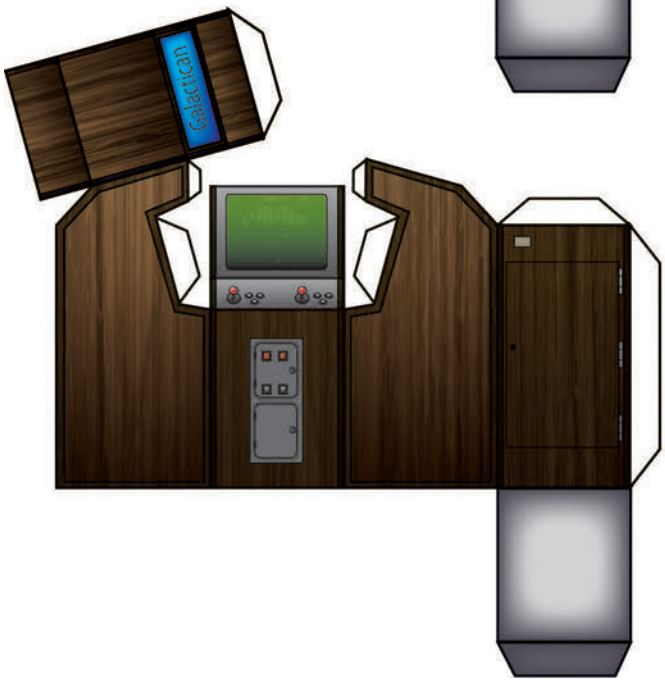

PING

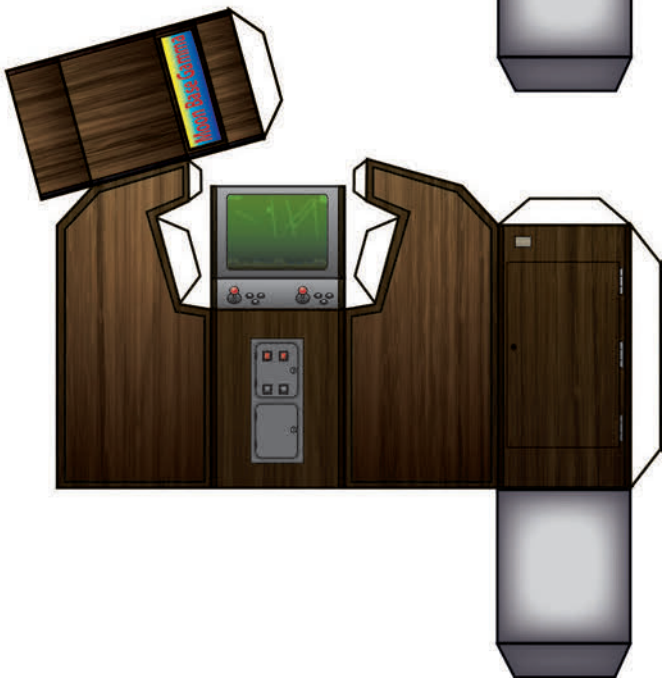

Pizza Ninja


Rocket Man
ROCKET MAN
ROCKET MAN


Monkey King Jr.

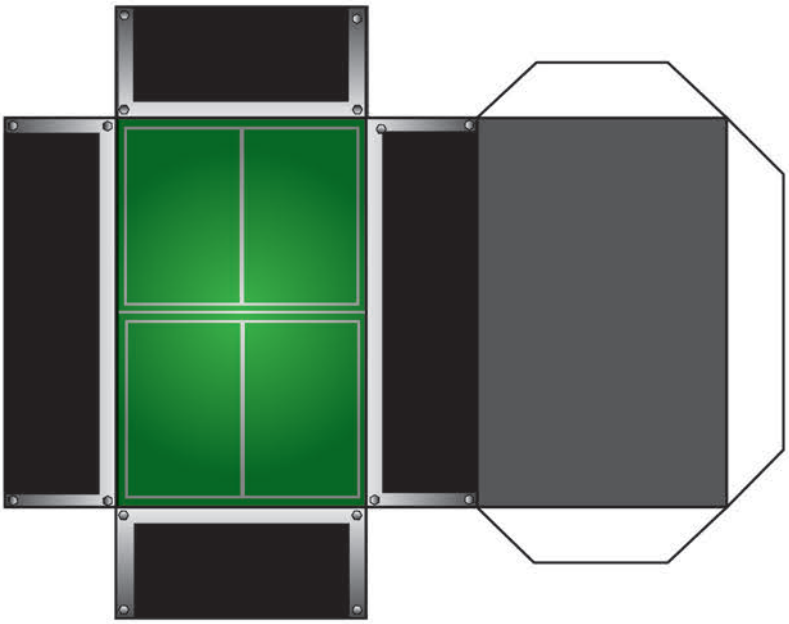

SNAKE
SNAKE
SNAKE

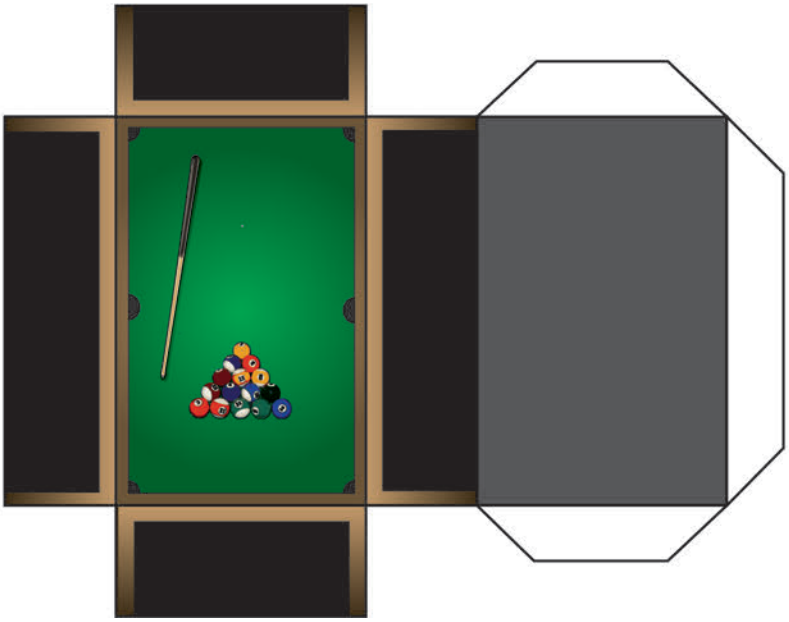

Galactican

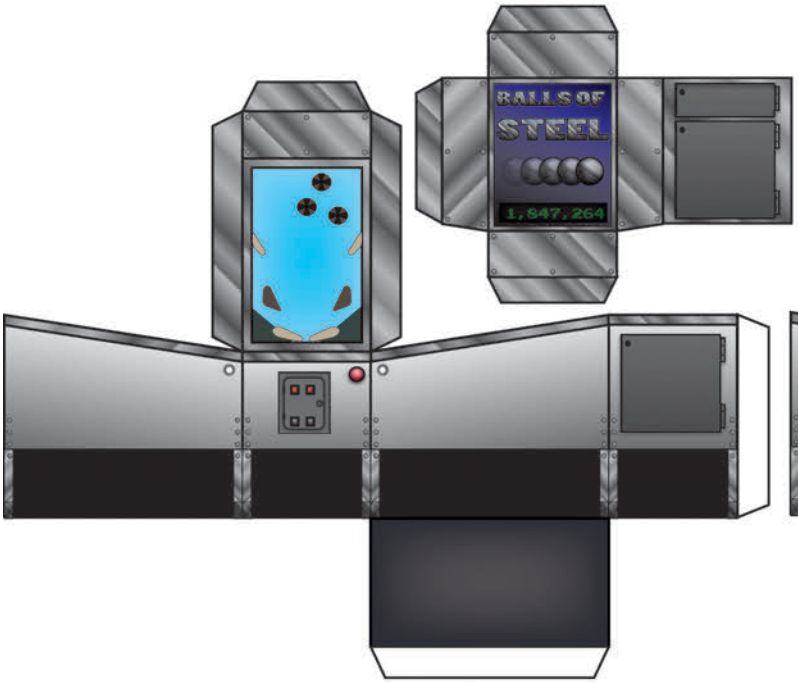

Mankind Saves!


COLA
PUSH


PUSH






BALLS OF
STEEL
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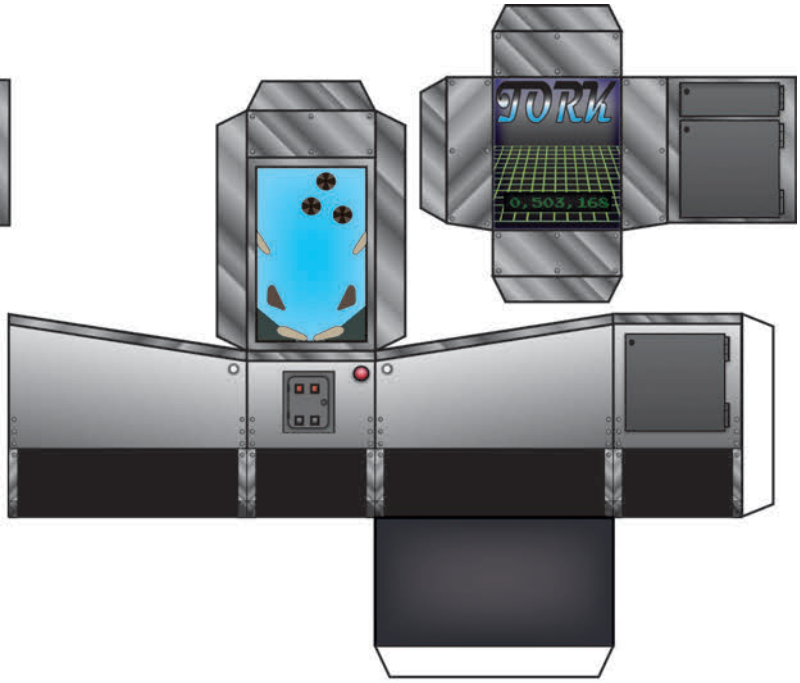
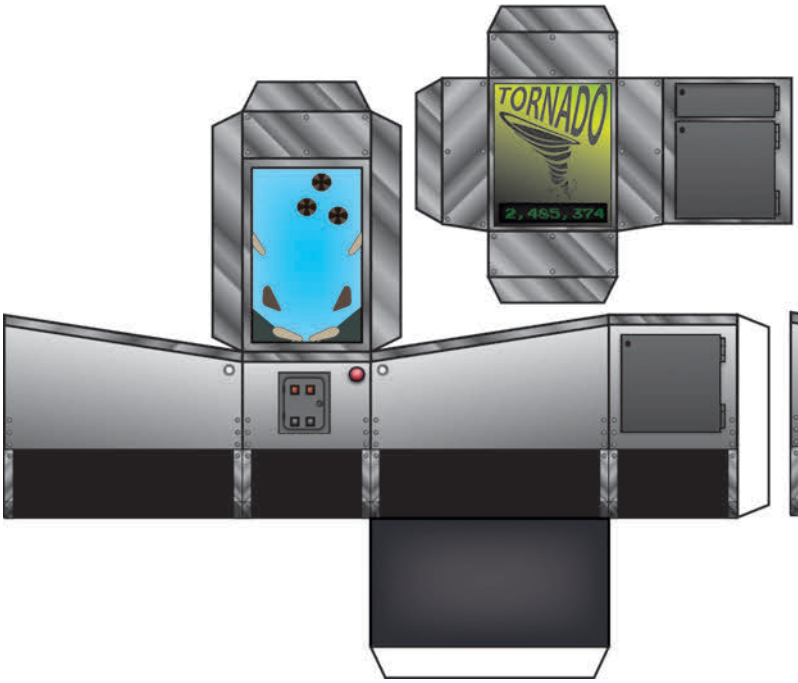

JORK
0,503,168


TORNADO
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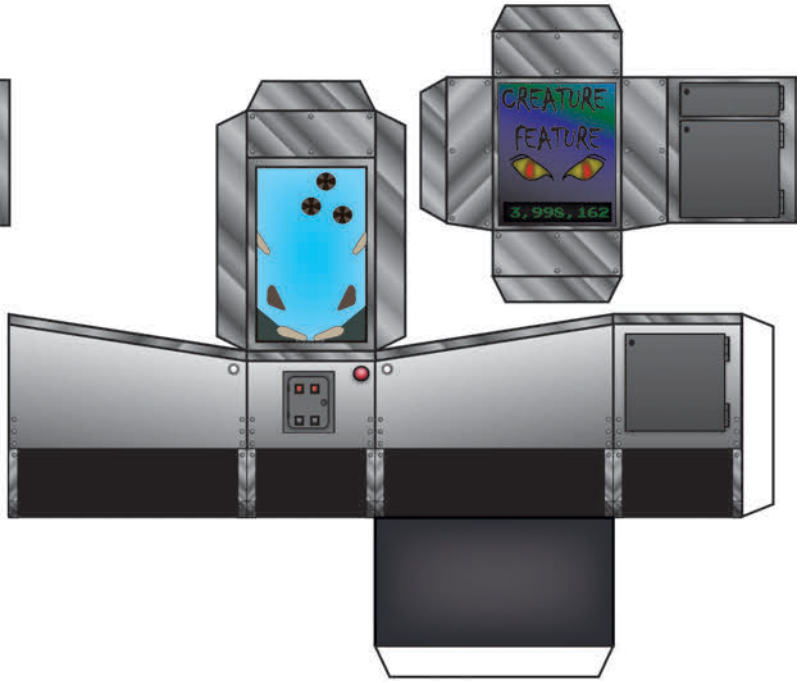
CREATURE
FEATURE
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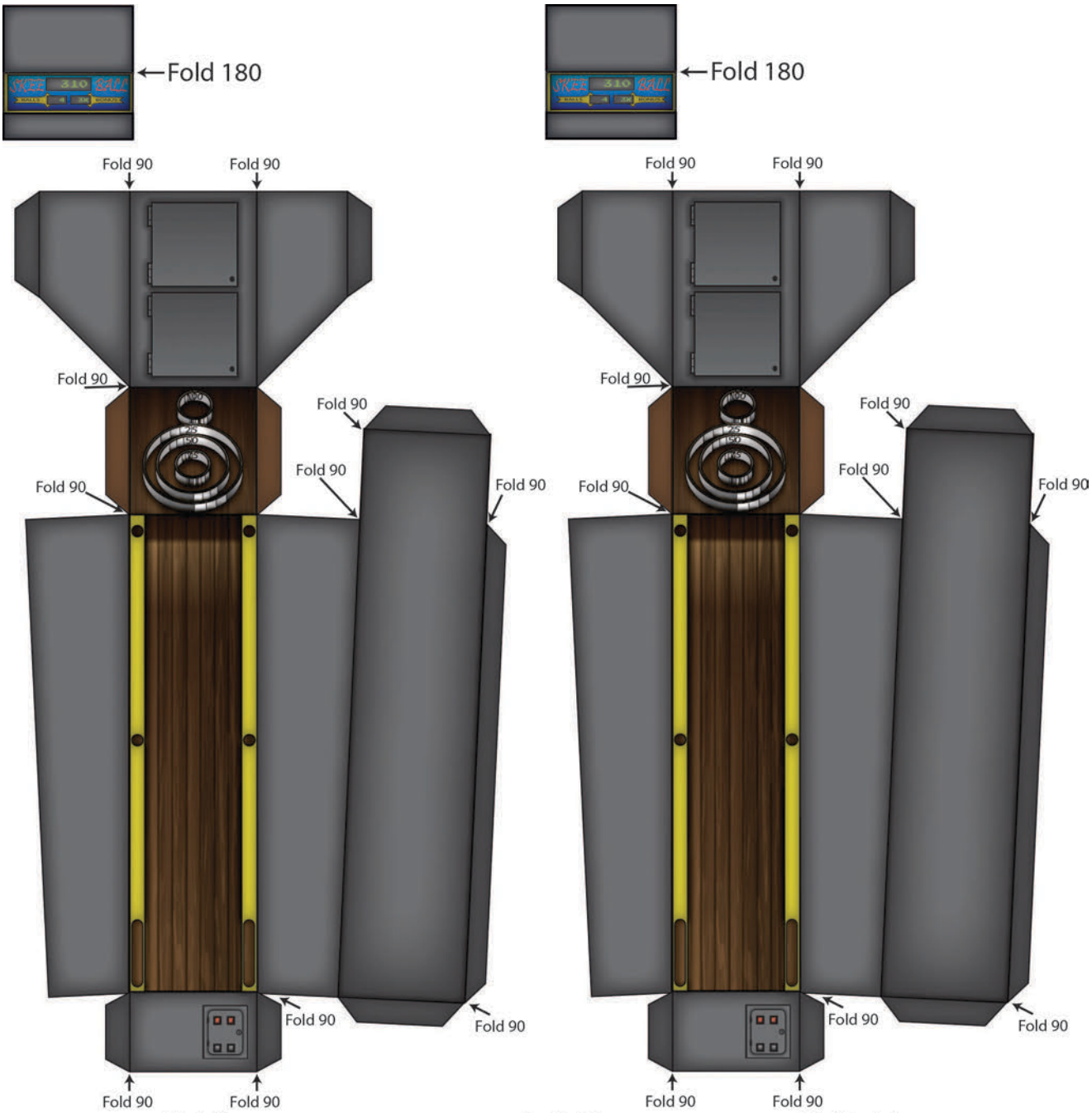


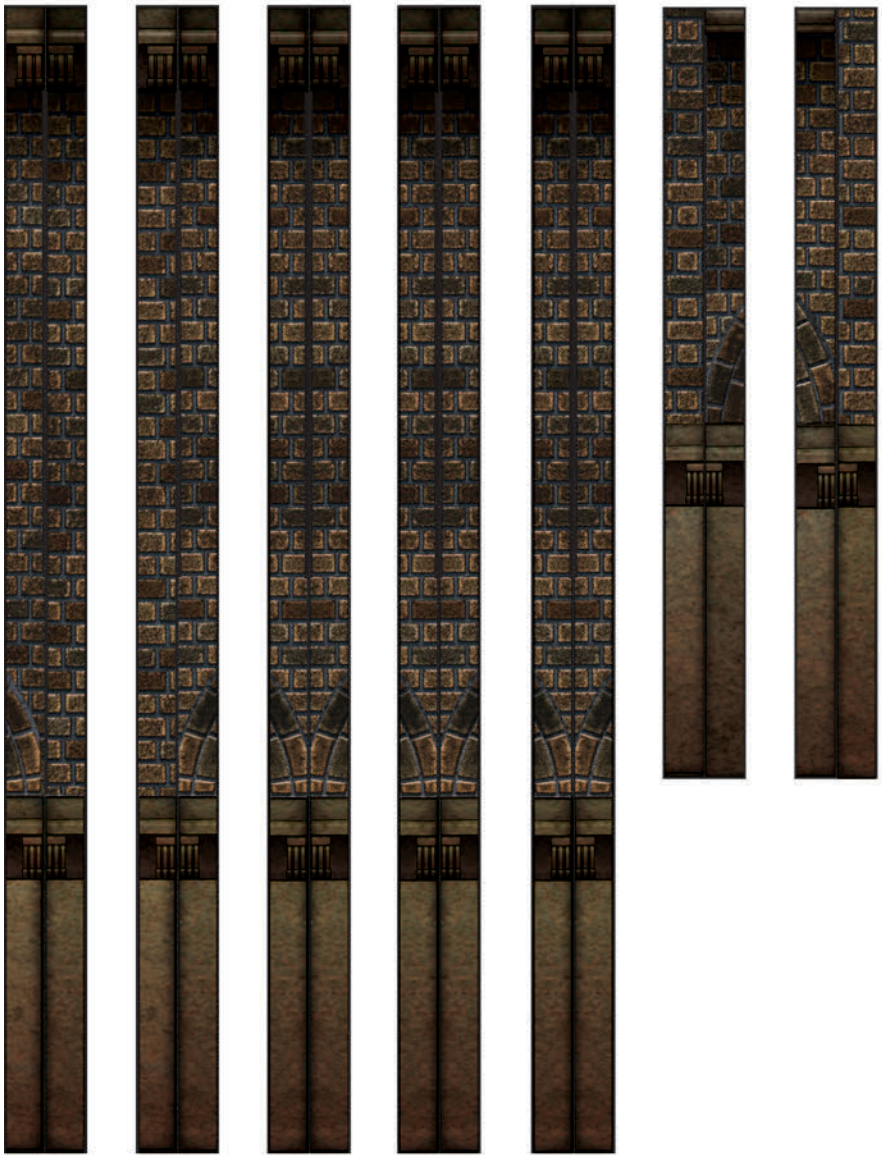
Middle

Left side

Right side

Corner Wrappers

CW-a CW-b CW-c CW-d CW-e CW-f CW-g



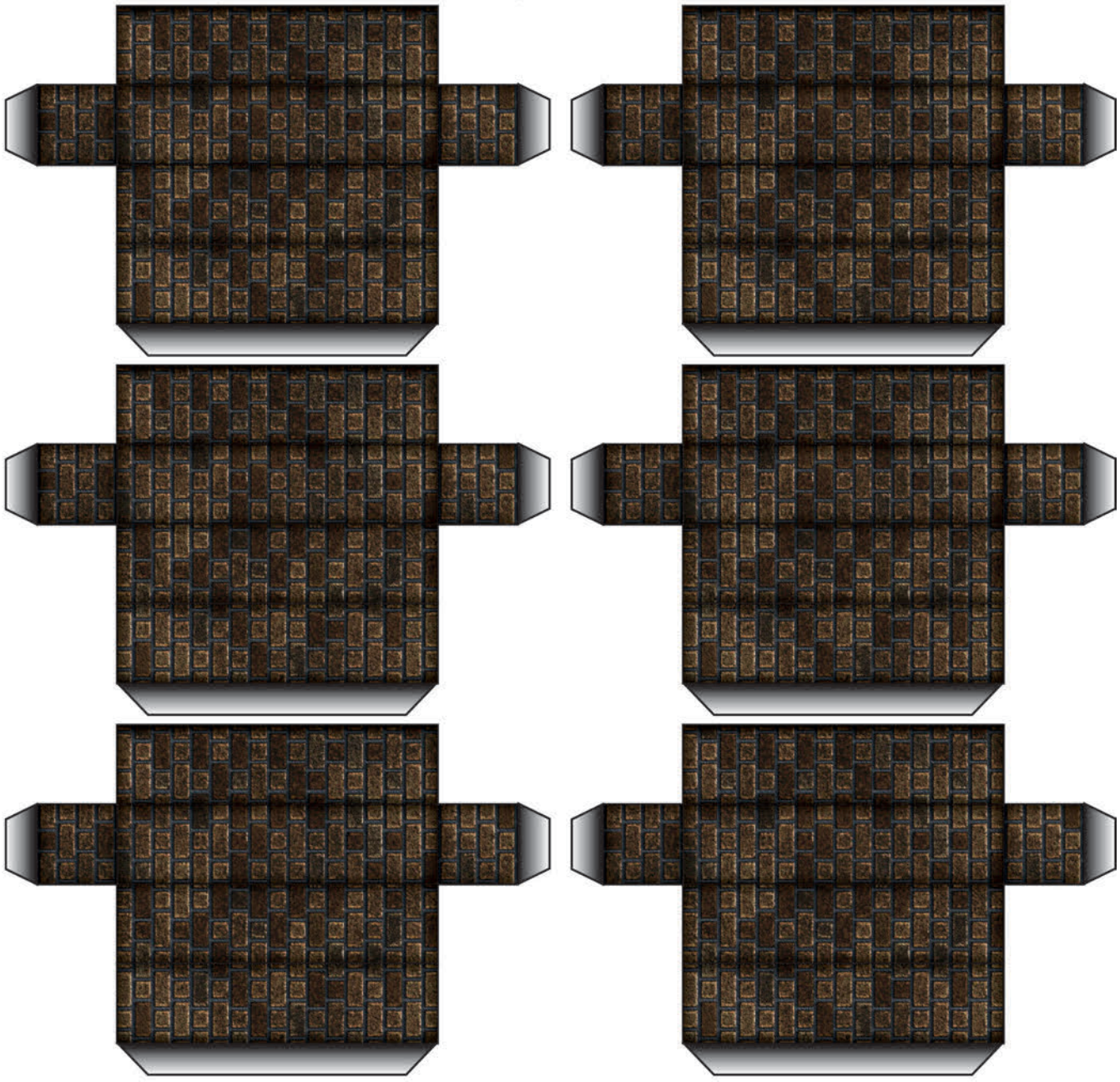
Roof edge cover, left

Roof edge cover, front extension

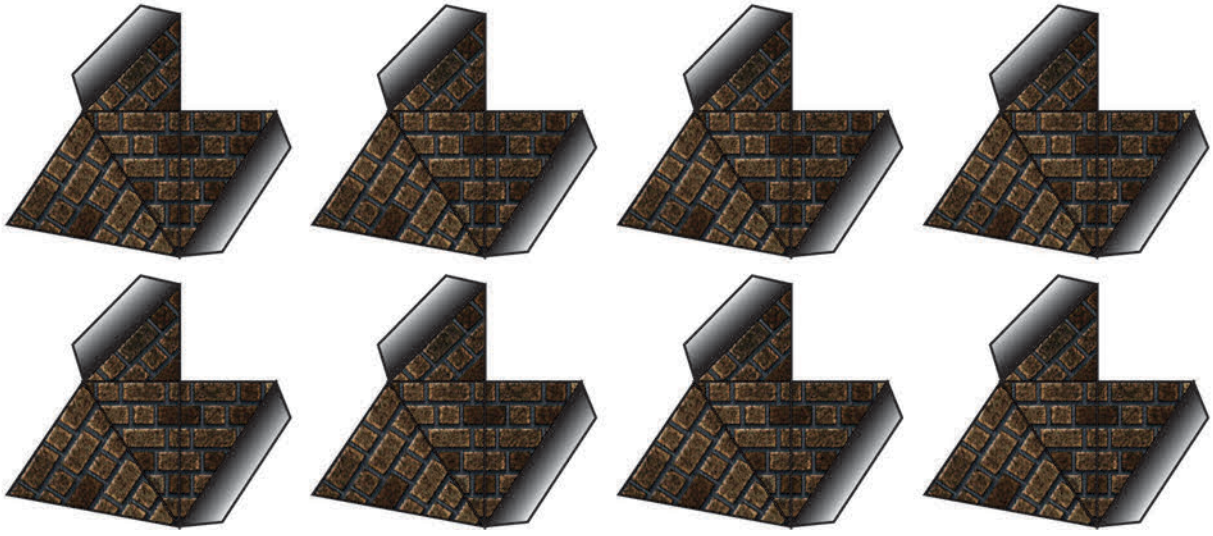
Wall edge cover, above secret door

Roof edge cover, right

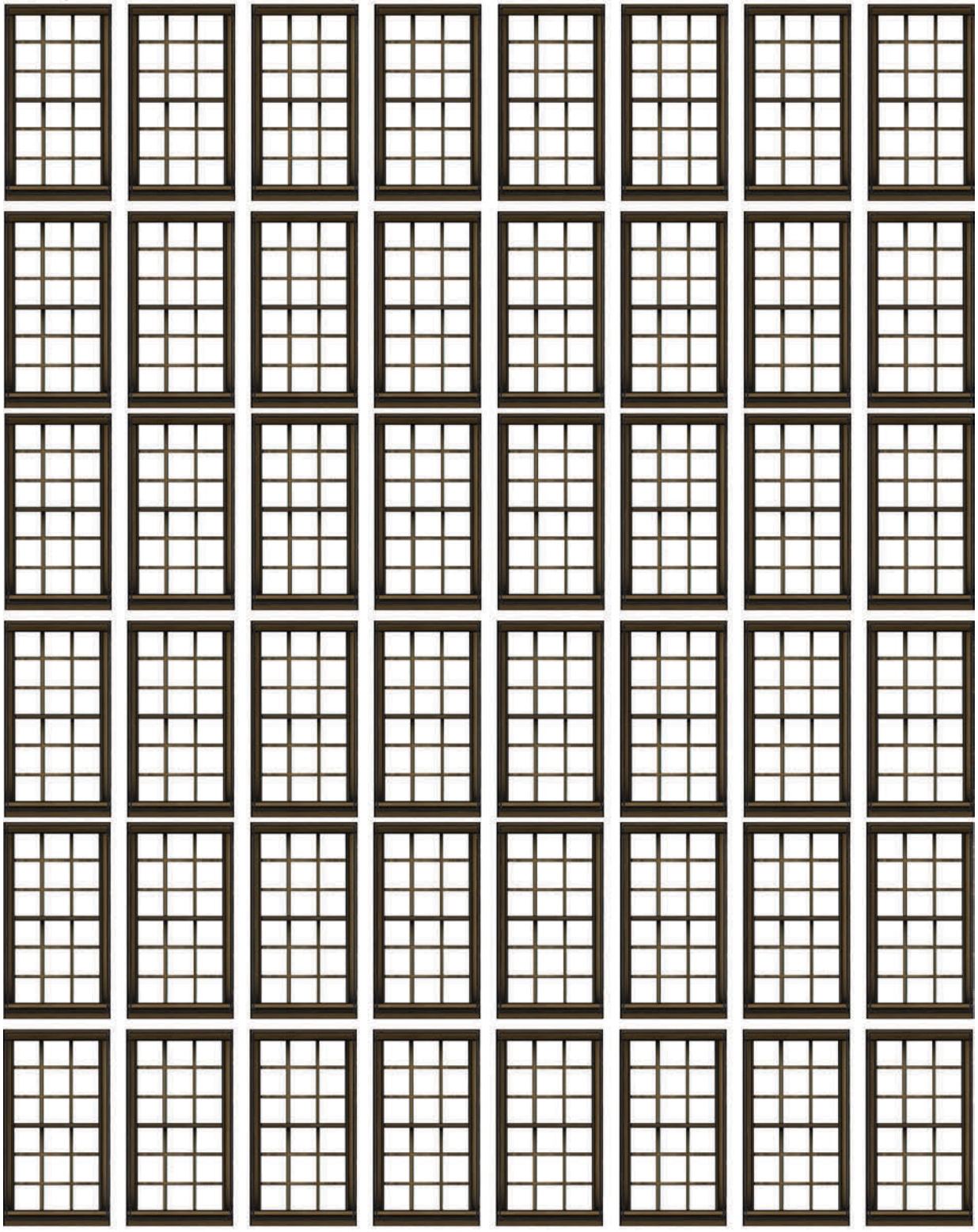
Half inch columns (use on first or second floor)



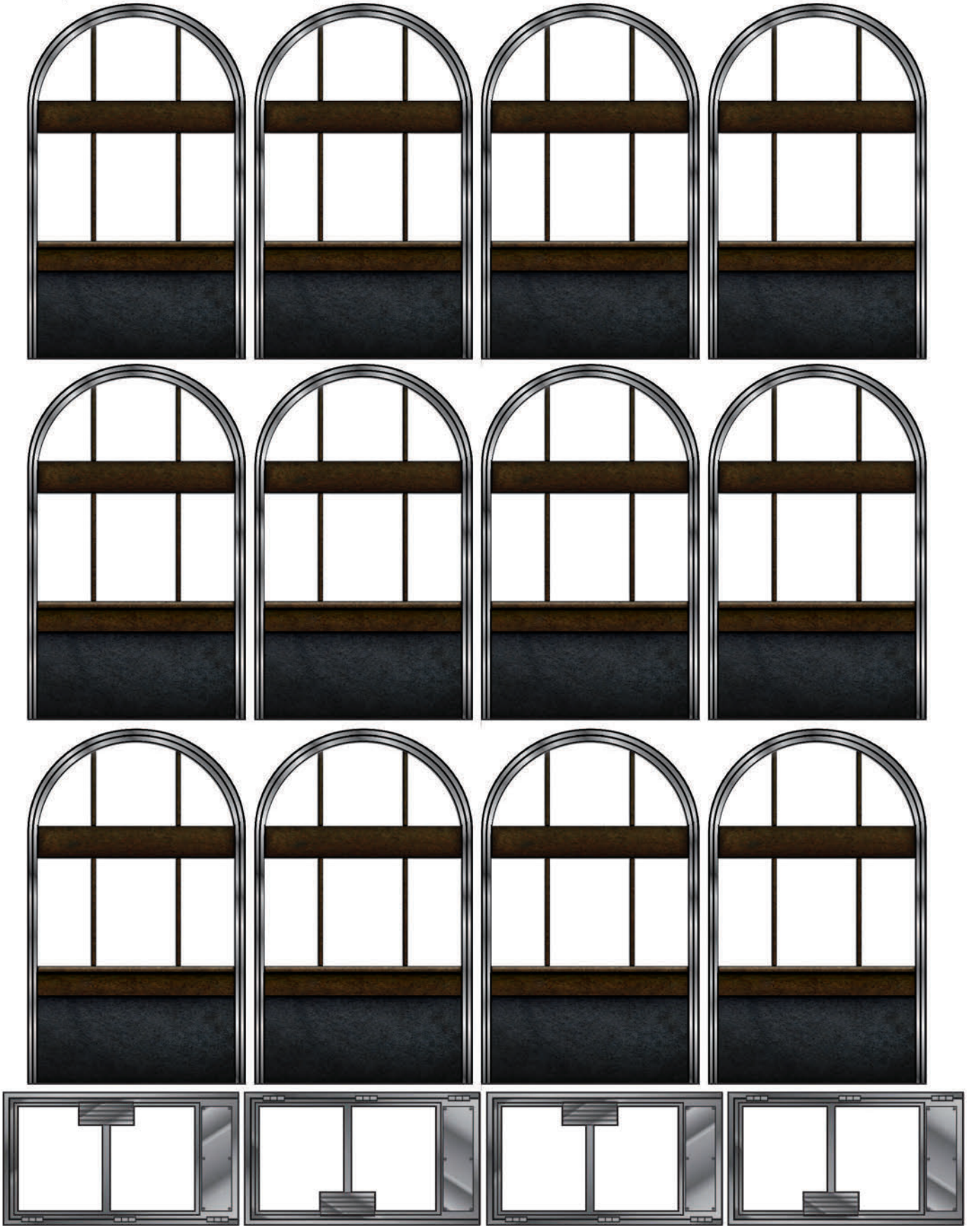
Corner floor supports (use on first floor only, to hold up second floor)



Transparenc-eees, window trim (print or mount on card)

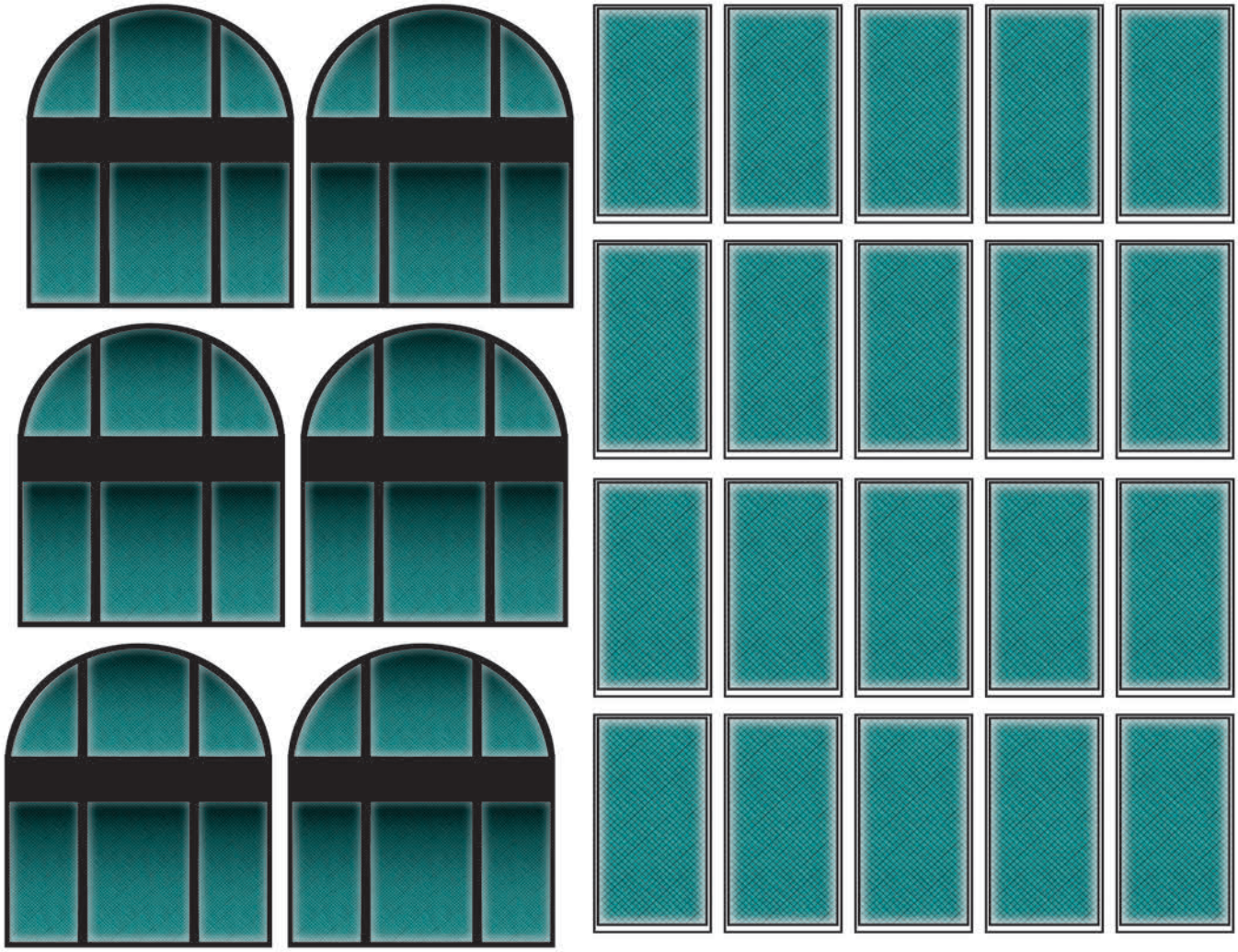


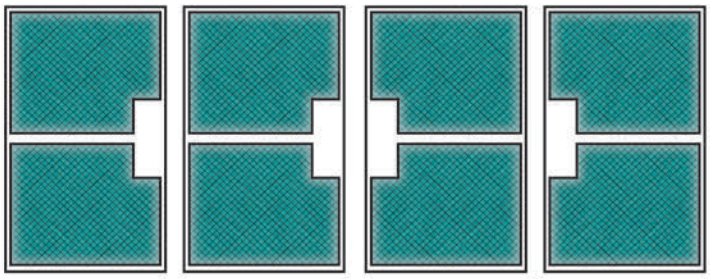
Transparenc-eees, window trim (print or mount on card)

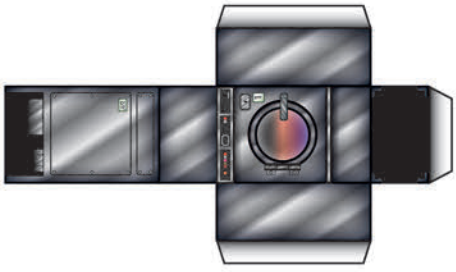


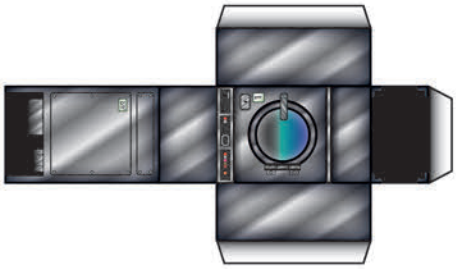
Transparenc-eees

This page is available for those wishing to print on transparency paper, print trim on the following page on cardstock, and mount front and back to these Transparenc-eees

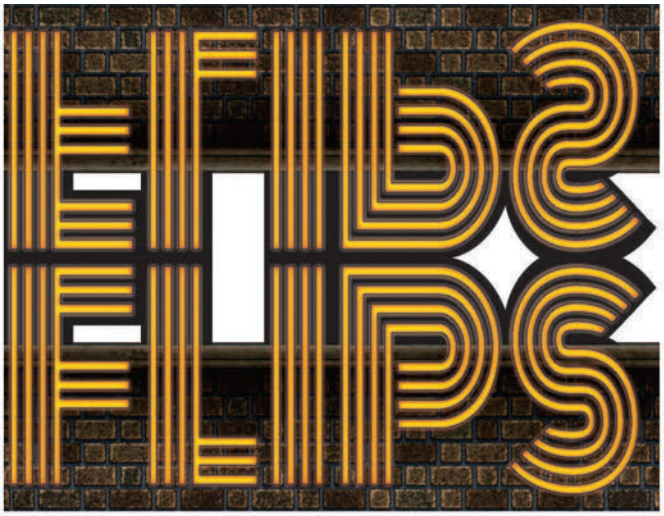


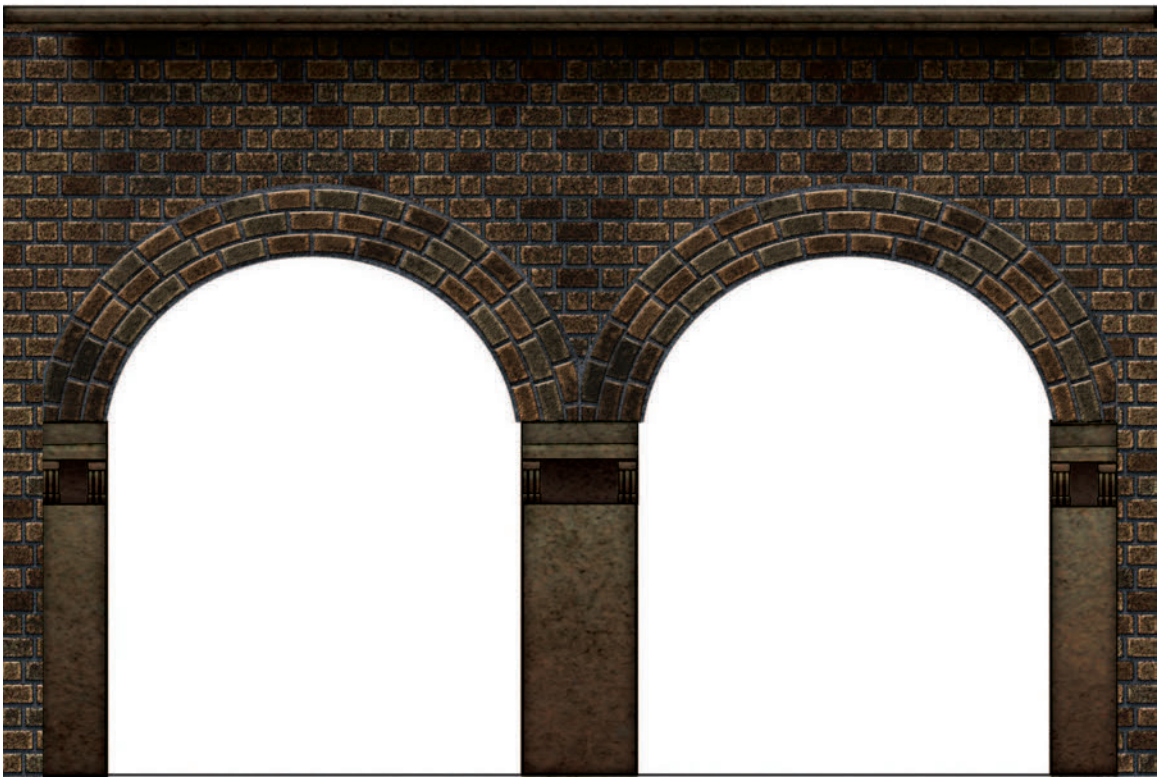


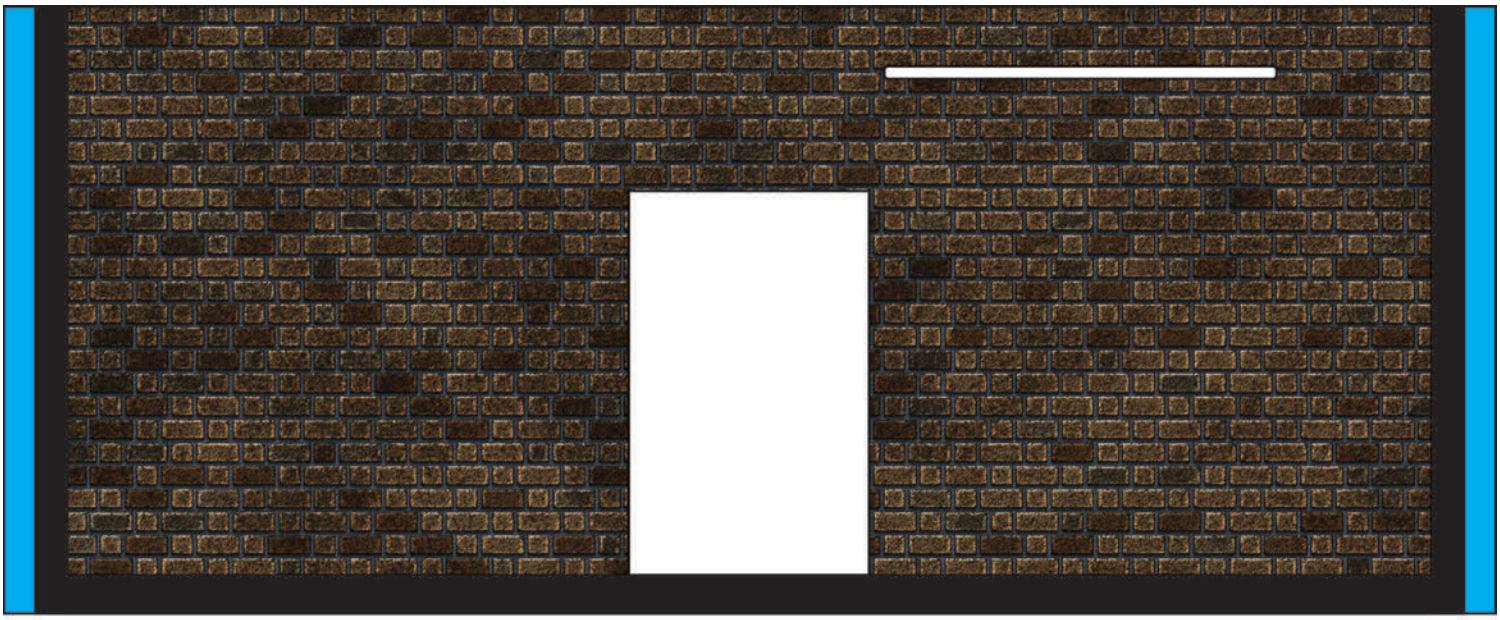


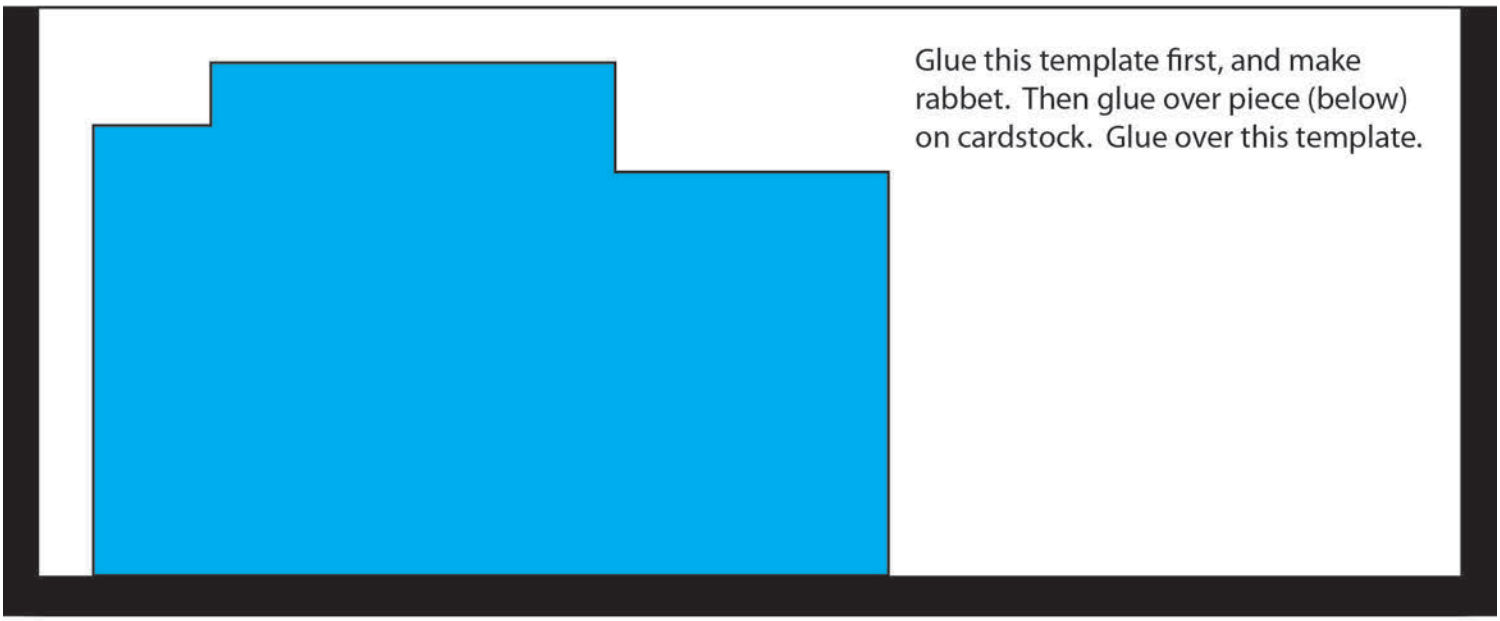


ALTERNATES


FLIPS






Glue this template first, and make rabbet. Then glue over piece (below) on cardstock. Glue over this template.