

CLASSIFIED

HOMES

Derelict Commercial Building



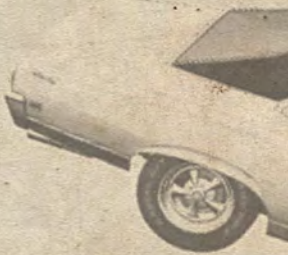
Free Demo Product

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: \$0.00

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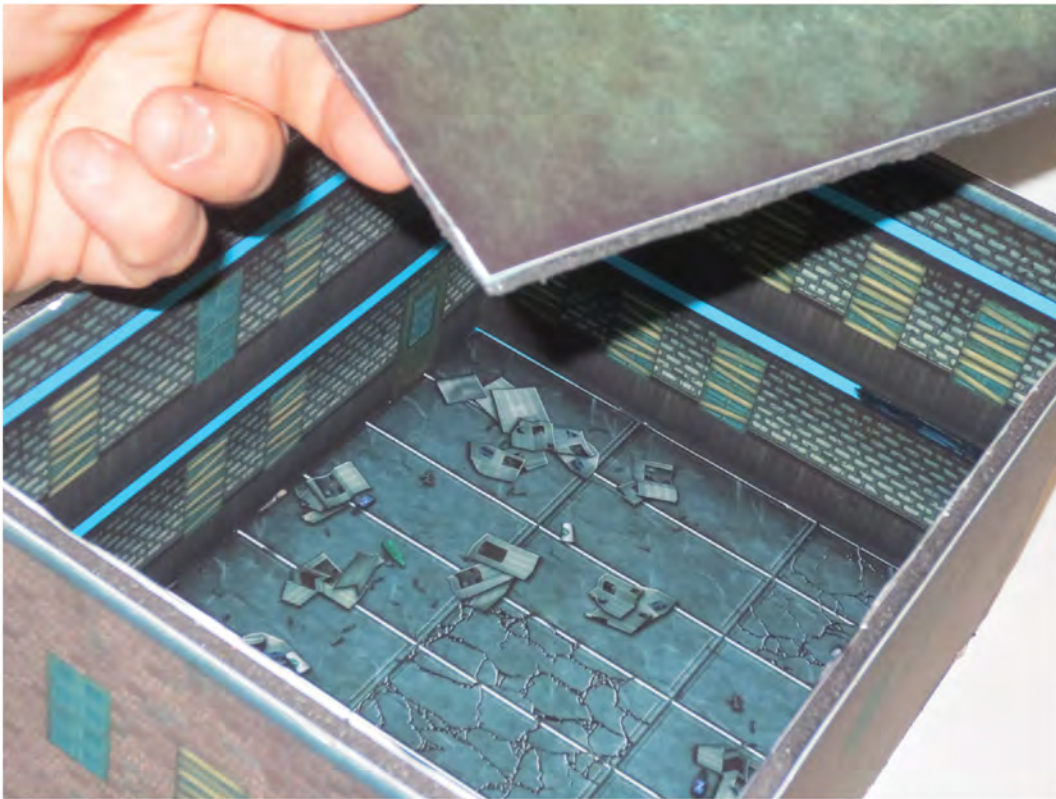
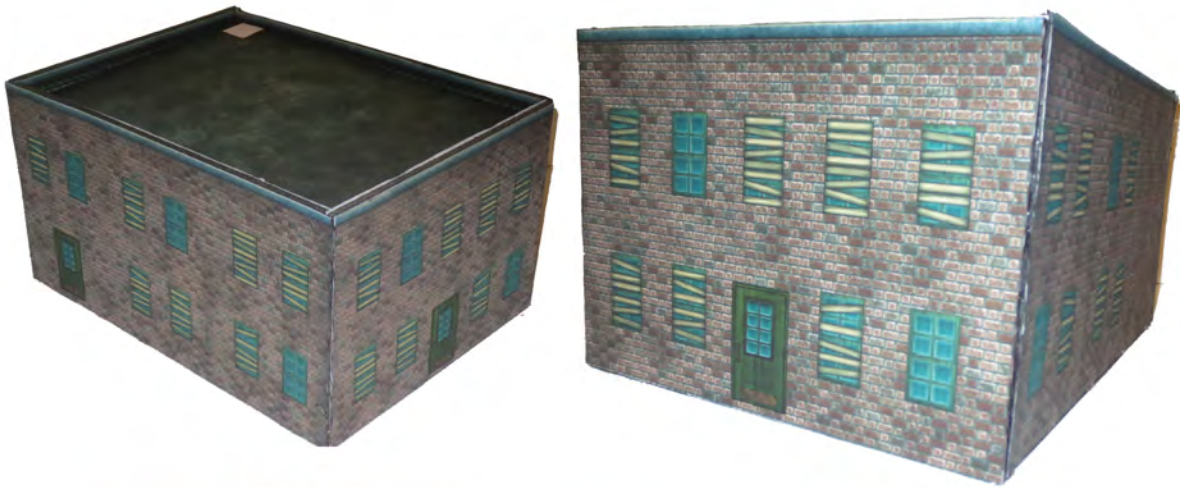
REAL ESTATE SECTION

S0037

This derelict commercial building was left vacant over a decade ago when the tenants found asbestos contamination in the insulation wrap, lead contamination in the paint, excessive and deadly radon levels seeping from the basement, not to mention the bed bug infestation that resisted all attempts to remove. Since then, we have tried to rent this property out several times, and rumors of unearthly moans and spectral groaning have scared most of renters away, and those that stuck out these fears were driven off by the raising criminal element in the area.

There really isn't much for us at Stoelzel's Structures to do with this property so we decided to just give it to you for free, under the condition that you assume all liability for these issues. We simply cannot afford to invest in making this a safe property.

In this project you will find our first demo project which contains a playable structure. There are three build styles you can construct this project in. The three quarter building is built leaving the back of the building off and is perfect for buildings lying on the edge of your gaming table. You may wish to build the lift out building, where the second, third, and fourth floors are removable from the top. Or lastly, you may wish to build the sliced building, where each floor is a separate element that is stacked upon each other, and may be un-stacked to game inside. Instructions are provided for each.



**STOELZEL'S
STRUCTURES**

Instructions: The Derelict

Legal

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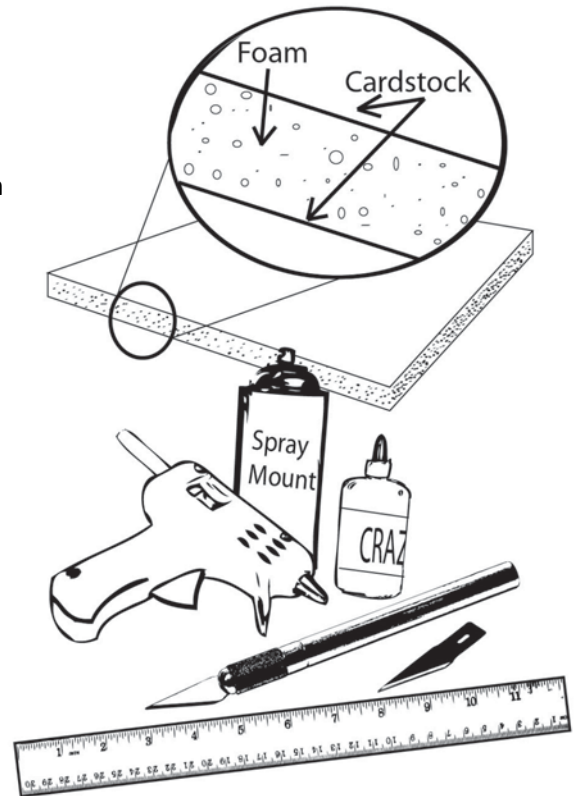
Piracy kills small business incentive.

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. If you have built any of our products before, then this building will probably take about an hour to build. A first time builder should plan to double that time for their first experience, but I would anticipate that the learning curve should be fairly quick for subsequent projects. Doing advanced conversion of this product, such as opening the windows and doors, or altering the interior structure will obviously add time to this estimate.

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)



Please visit the Stoelzel's Structures forum found at: <http://www.phpbbplanet.com/stoelzelsstruct/>

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.

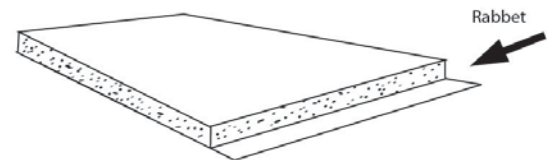
The second option is to use an aerosol glue like spray mount or photo mount. Generally these come in two types, a permanent fix and a temporary fix which lets you take the pictures back off later. The temporary fix glue is good if you don't trust your ability to align the two sides, but like the label 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

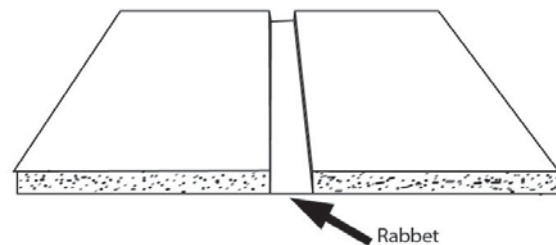
Sections which need rabbeting are indicated in the pictures by large blue boxes.

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.

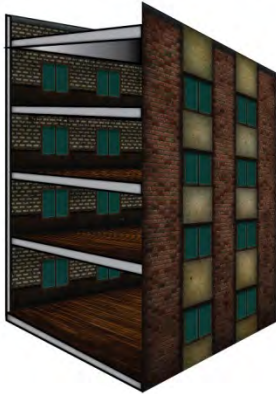
T intersections where an end piece of foamcore butts up against another perpendicular piece of foamcore can be made stronger and smoother using an interior rabbet joint. These are a bit trickier, but not that difficult to do. An example can be seen here.



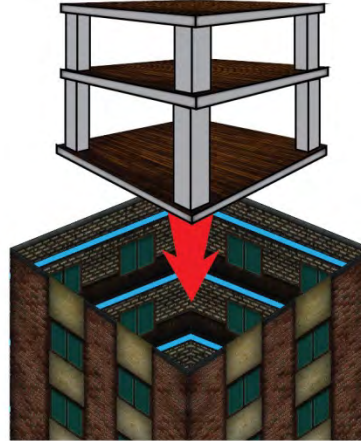
There are a lot of tools available online called foamcore rabbet cutters than can make doing rabbets somewhat easier for the modeler. These rabbet cutters fix the angle and depth of the cutting blade, thus preventing cut through. If you don't have a rabbet you can do these same cuts with a simple blade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

Building Styles with interior access in mind

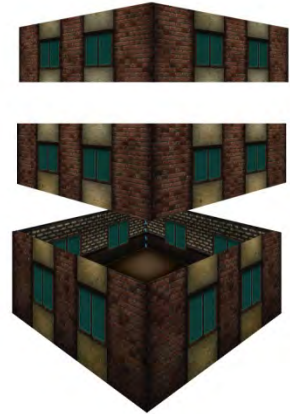
Three-quarter/open building



Lift-out building



Layer-sliced building



We suggest three different build styles that will allow you access to the interior of your buildings during gaming.

Three-quarter/Open building: This is a short of doll house style building where only three walls are used and all access to the interior is from behind via the missing wall. These buildings are great to line the perimeter of a gaming table.

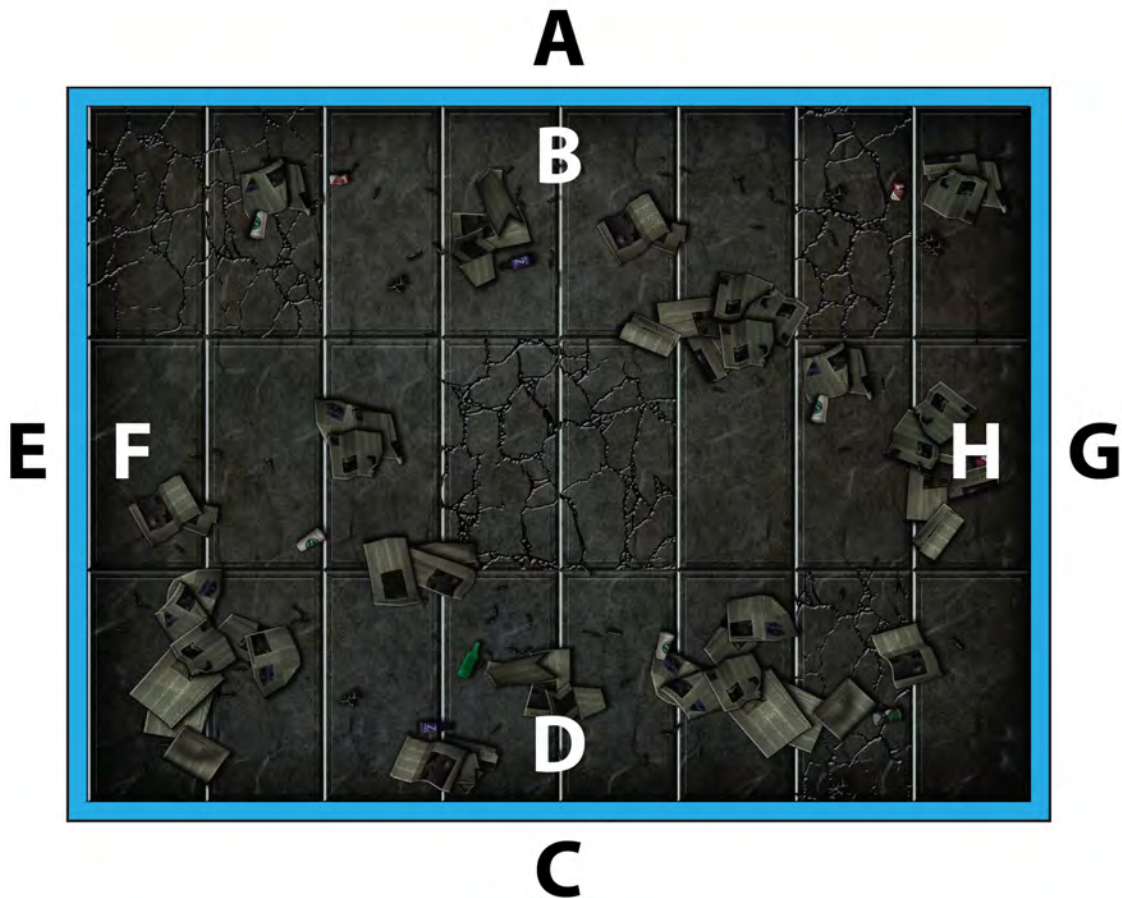
Lift-out building: The lift-out building is designed so that you can have an exterior unit that is fully intact without any separation lines at each level, but still have interior access. To accomplish this, the interior floors are attached to each other using the columns provided, and gluing all the interior elements into one separate element from the four exterior walls. The players can then just “lift-out” the central core when they want to get inside. Game play on the first floor is accomplished by reaching into the exterior wall box, and game play on the upper levels is handed on the central core.

Layer-sliced building: This is probably the easiest form of building to play inside because each individual floor is separated from each other, eliminating the reaching over or into effects you might experience with the other two designs. The downside of this is the added construction time for separating and building each floor separately, and the possible visible separation of the floors on the game table.

In this demo build you are presented with instructions so that you can build any of these three style buildings with the provided images. Select you preferred building style and consult the relevant instruction section.

List of included Parts types

- | | | | |
|---|--------------------------|---|---------------------|
| 1 | First Floor Flooring | F | Rear wall interior |
| 2 | Second Floor Flooring | G | Front wall exterior |
| 3 | Roof Flooring | H | Front wall interior |
| A | Right side wall exterior | I | Columns |
| B | Right side wall interior | J | Stair steps, top |
| C | Left side wall exterior | K | Stair steps, lower |
| D | Left side wall interior | L | Stair wrapper |
| E | Rear wall exterior | | |



Build Instructions: Three- Quarter Building

1. For the three-quarter building you will need to print out all the image pages except for A, B and I. The rear wall and the columns are not needed for this style build.

2. Mount the three exterior walls (**C, E, and G**) onto foamcore. Cut along the black outer line to remove. Flip the pieces over and mount the interior images for these walls (**D, F, and H**) on the reverse side. Take care to align the images properly.

3. Take piece **C/D**. The light blue boxes on the interior walls indicate areas that need rabbeting. This includes the areas of black and blue diagonal lines.

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.



Take a piece of scrap foamcore and make sure the 5mm thick piece fits into the rabbets you just made.

TIP: I've found that a flat head screwdriver with a 4-5 mm head makes a great chisel for this purpose.

Now take pieces **E/F** and **G/H**. For these walls you will only need to rabbet out the horizontal blue boxes found on each level. Continue the rabbets straight through the 5mm boundary on the side edges of the wall (covered by the black/blue diagonals). Do not remove the entire vertical box on each of these edges that is found with the confines of the open floor itself.

Finally take the first floor flooring (**1**) and rabbet out the two short sides, and 1 of the long sides indicated by the blue box. Leave the fourth edge intact.

4. It is now time to cover up any un-necessary rabbets. Take a black marker and draw over any remaining blue boxes to make sure they remain hidden after assembly.

5. Using your glue gun, glue the floor (**1**) to the left side wall (**C/D**) by gluing in the corner rabbets of the floor. Hold the pieces together into a ninety degree bend until the glue dries/cool.

6. Take the front wall section (**G/H**) and the rear wall section (**E/F**) and test fit in the corner rabbets found on both the floor (**1**) and the left side wall (**C/D**)



7. Take the remaining floor sections (**2 and 3**) and slip the four floor sections into the horizontally running rabbets found on the building walls. Trim if needed and then glue in place.

Build Instructions: Lift-out Building

1. For the lift-out building you will need to print out all the image pages found in this product. Cut around the printed images.

For the two upper floor flooring images (**2 and 3**) you will also remove the blue bordered perimeter around the floor.

2. Mount the four exterior walls (**A,C,E,G**) onto foamcore. Cut along the black outer line to remove. Flip the pieces over and mount the interior images (**B,D,F, and H** respectively) for these walls on the reverse side. Take care to align the images properly.

3. The light blue boxes on the interior walls normally indicate areas that need rabbeting. In the case of the lift-out building you will be ignoring these rabbets. In fact, you may wish to take your black magic marker, and color over these areas to help conceal them when the floors are in place.

4. Take the long wall sections (**A/B and C/D**). It is time to make the corner rabbets. For the lift out building, you will need to make four of these corner rabbets, two on each of these long side walls.

Cut along the side of the blue/black diagonal lined 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.

Take a piece of scrap foamcore and make sure the 5mm thick piece fits into the rabbets you just made.

TIP: I've found that a flat head screwdriver with a 4-5 mm head makes a great chisel for this purpose.

Take the two short wall sections (**E/F and G/H**) and with your black magic marker draw over all the remaining blue/black diagonal lined boxes.

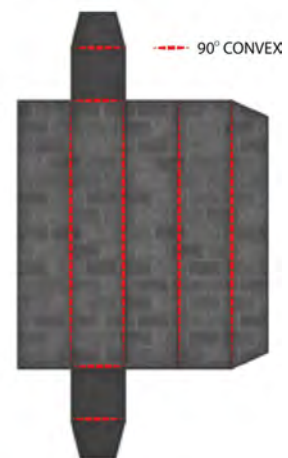
5. Using your glue gun, glue the floor (**1**) to the left side wall (**C/D**) by gluing in the corner rabbets of the floor. Hold the pieces together into a ninety degree bend until the glue dries/cool.

6. Take the front wall section (**G/H**) and the rear wall section (**E/F**) and test fit in the corner rabbets found on both the floor (**1**) and the left side wall (**C/D**)

7. Take the column pieces (**I**) sheet and cut around each image. Do NOT mount on foamcore. Mounting these on thicker card is optional. You will need at least 8 columns assembled.

A column is fairly straight forward. This will be a tall box once assembled and the tabs will glue to the inside of the opposite side. Fold ninety degrees along each line highlight red (image to right) so that the image is on the outside of the bend.

Column Assembly



8. Mount four columns into the interior side of each corner of the building onto the first floor. These four can be glued in place.

Now take the second floor flooring, and quickly test fit how well it fits into the building. It should slide easily without scrapping the sides. Trim if needed. Test fit the roof as well, and trim if needed.

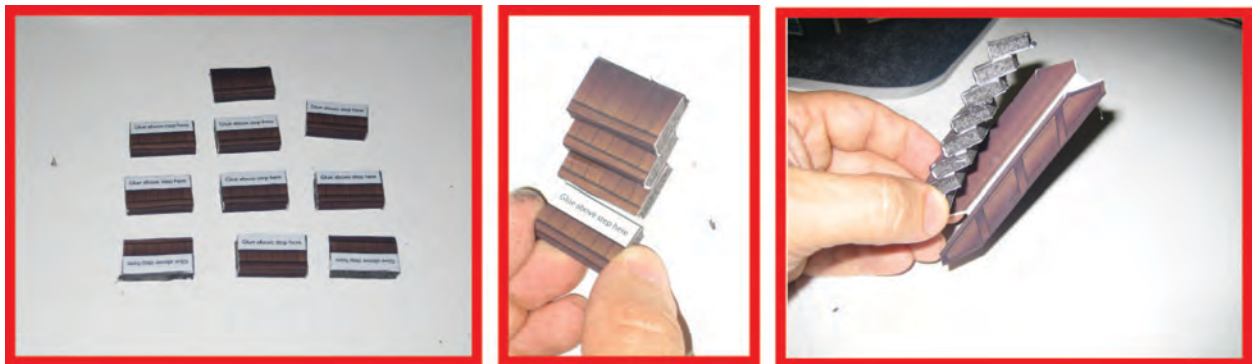
Now take four more building columns and glue 1 into each corner of the second floor flooring (2). Then glue the roof to the top of these four columns. This floor, roof section should fit smoothly into your Stoelzel's Structures derelict building. Do not glue in place.

Remove from building when gaming requires interior access.

9. Interior Stairs

This consists of two basic parts, the steps, and the wrapper. Take the steps and fold along the long black lines to form a boxed shape similar to the columns seen on the previous page. Glue to the tabs to the inside of each adjacent edge.

Take the top steps (J), which are the only ones with a complete wood texture image on the entire of the top of the step, and use your glue gun to glue the step onto the top of one of the lower steps (K) where indicated on the piece. These should be slight offset, and immediately begin to resemble a step. Continue gluing lower steps (K) under in a similar fashion until you have the required number of steps for the floor you are building them for. You will need a total of 11 steps.



Now, cut the wrapper (L) out and locate the four black vertical lines that separate the five sides of this piece. The two most lateral vertical lines separate the inside and outside of the stairs sides. Fold this over so that the mirrored pieces come together. Glue together.

Fold the two most medial lines 90 degrees each to form a "U" shape. There is a top and bottom to this piece. When placed correctly the boxes on the sides will run vertically, and not at an angle. Glue this wrapper around the stair steps.

The sliced house

- 1.** For the sliced building you will need to print out all the image pages found in this product except for the columns (**I**). Cut around the printed images.
- 2.** Mount the four exterior walls (**A,C,E,G**) onto foamcore. Cut along the black outer line to remove. Flip the pieces over and mount the interior images (**B,D,F, and H** respectively) for these walls on the reverse side. Take care to align the images properly.
- 3.** Flip the out wall sections over so that the interior side face upward. Locate the black line that is under each horizontal blue box. Cut along the line, and continue cutting the full horizontal extent of the piece along this line so that you split the wall into a long strip for the first floor, a long strip for the second floor, and a long strip for the roof line. Make three separate piles for each floor, and put the appropriate floor section into its pile.

Take the first floor pile and run through steps 4 through 7 using just the lower floor pieces. Then repeat using the second floor pieces, and finally for the roof pile.

- 4.** The light blue boxes on the interior walls normally indicate areas that need rabbeting. In the case of the lift-out building you will be ignoring these rabbets. In fact, you may wish to take your black magic marker, and color over these areas to help conceal them when the floors are in place.

- 5.** Take the long wall sections (**A/B and C/D**). It is time to make the corner rabbets. For the lift out building, you will need to make four of these corner rabbets, two on each of these long side walls.

Cut along the side of the blue/black diagonal lined 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.

Take a piece of scrap foamcore and make sure the 5mm thick piece fits into the rabbets you just made.

TIP: I've found that a flat head screwdriver with a 4-5 mm head makes a great chisel for this purpose.

Take the two short wall sections (**E/F and G/H**) and with your black magic marker draw over all the remaining blue/black diagonal lined boxes.

- 6.** Using your glue gun, glue the floor (**1**) to the left side wall (**C/D**) by gluing in the corner rabbets of the floor. Hold the pieces together into a ninety degree bend until the glue dries/cool.

- 7.** Take the front wall section (**G/H**) and the rear wall section (**E/F**) and test fit in the corner rabbets found on both the floor (**1**) and the left side wall (**C/D**). Take the right wall section (**A/B**) and glue this into the rabbet of the floor, making sure the front and back fit into right wall sections edge rabbets.

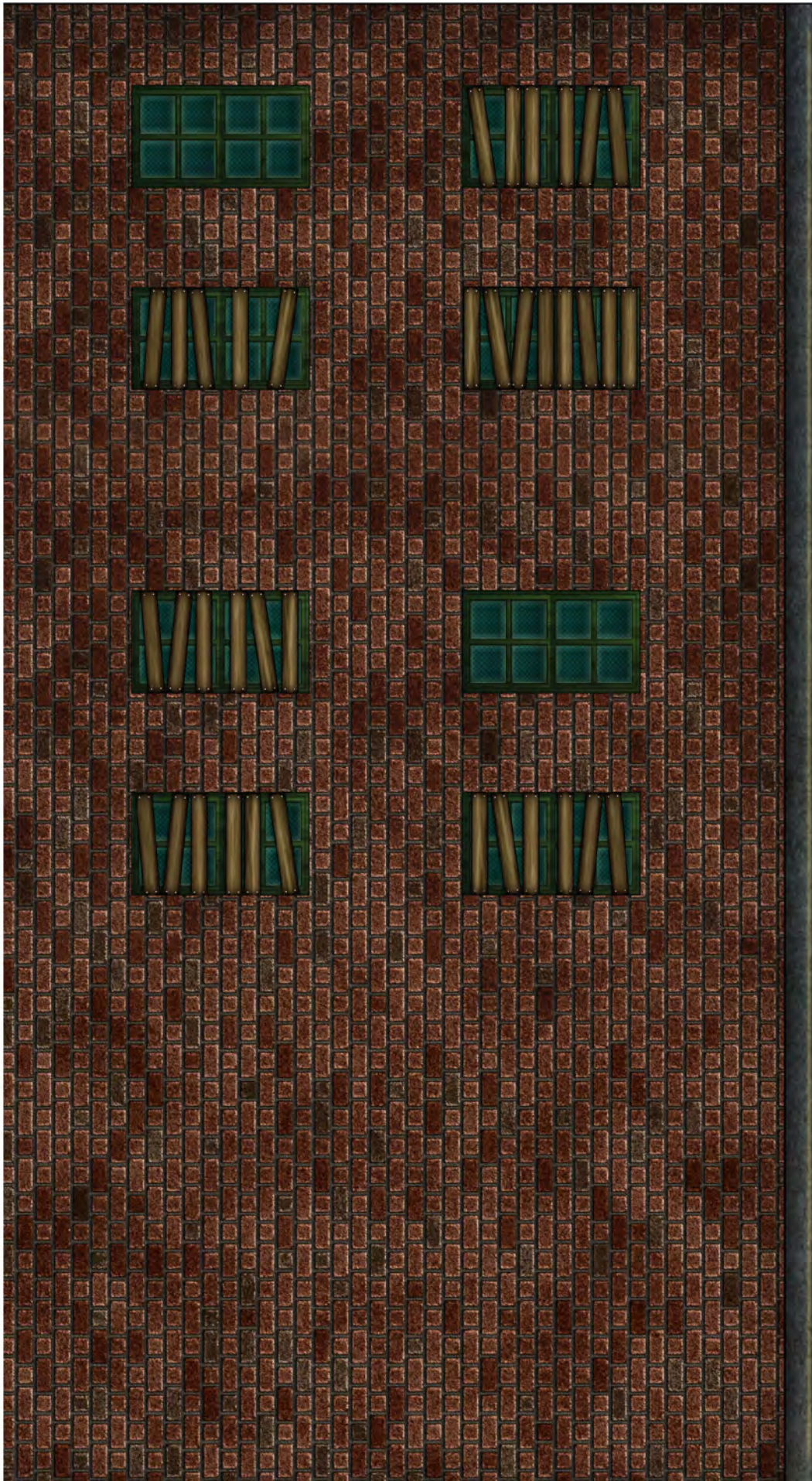
- 8.** Stack the three floor boxes one on top of another for gaming.
Stair assembly instructions can be found at the end of the pervious section.



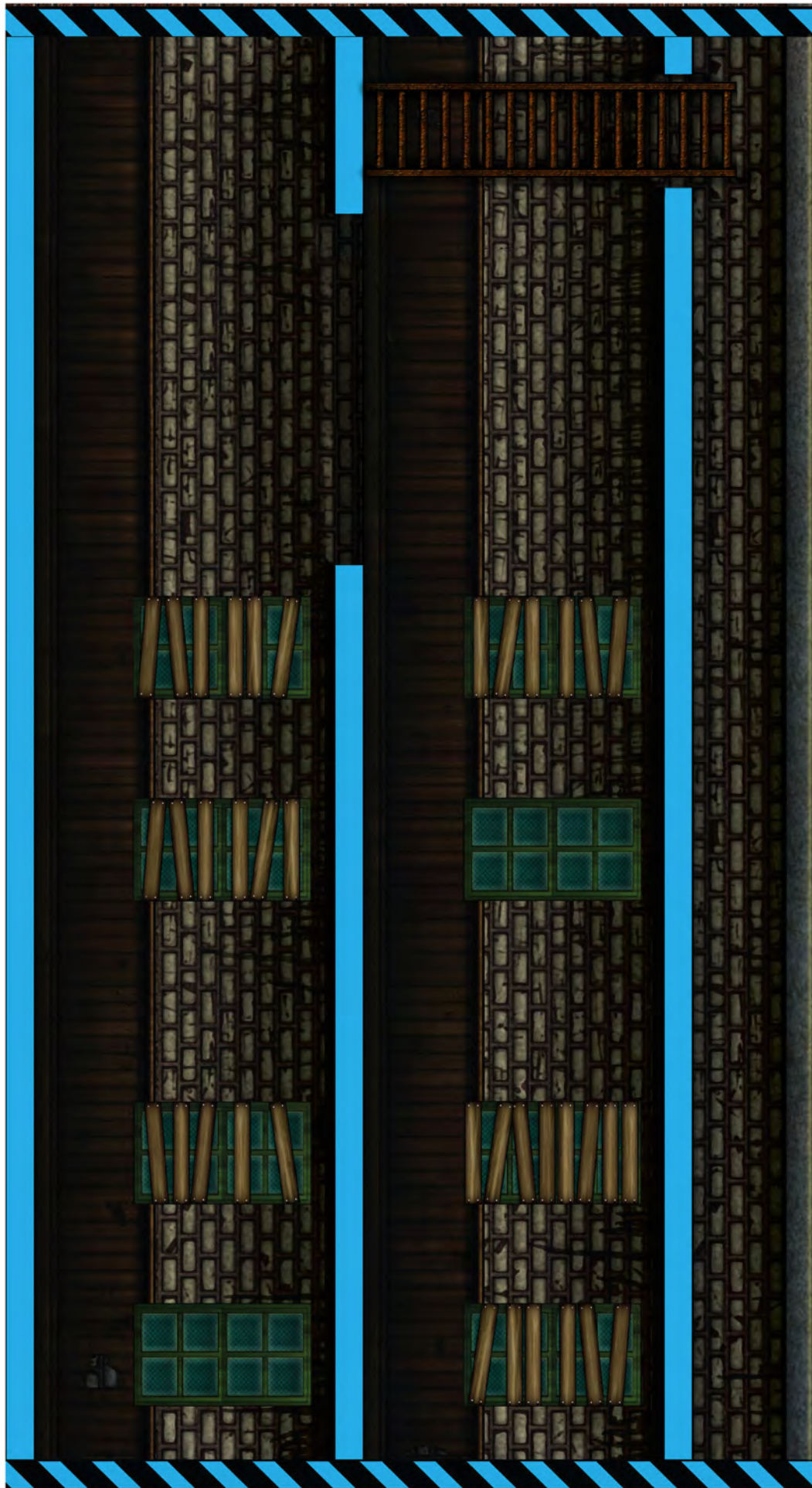




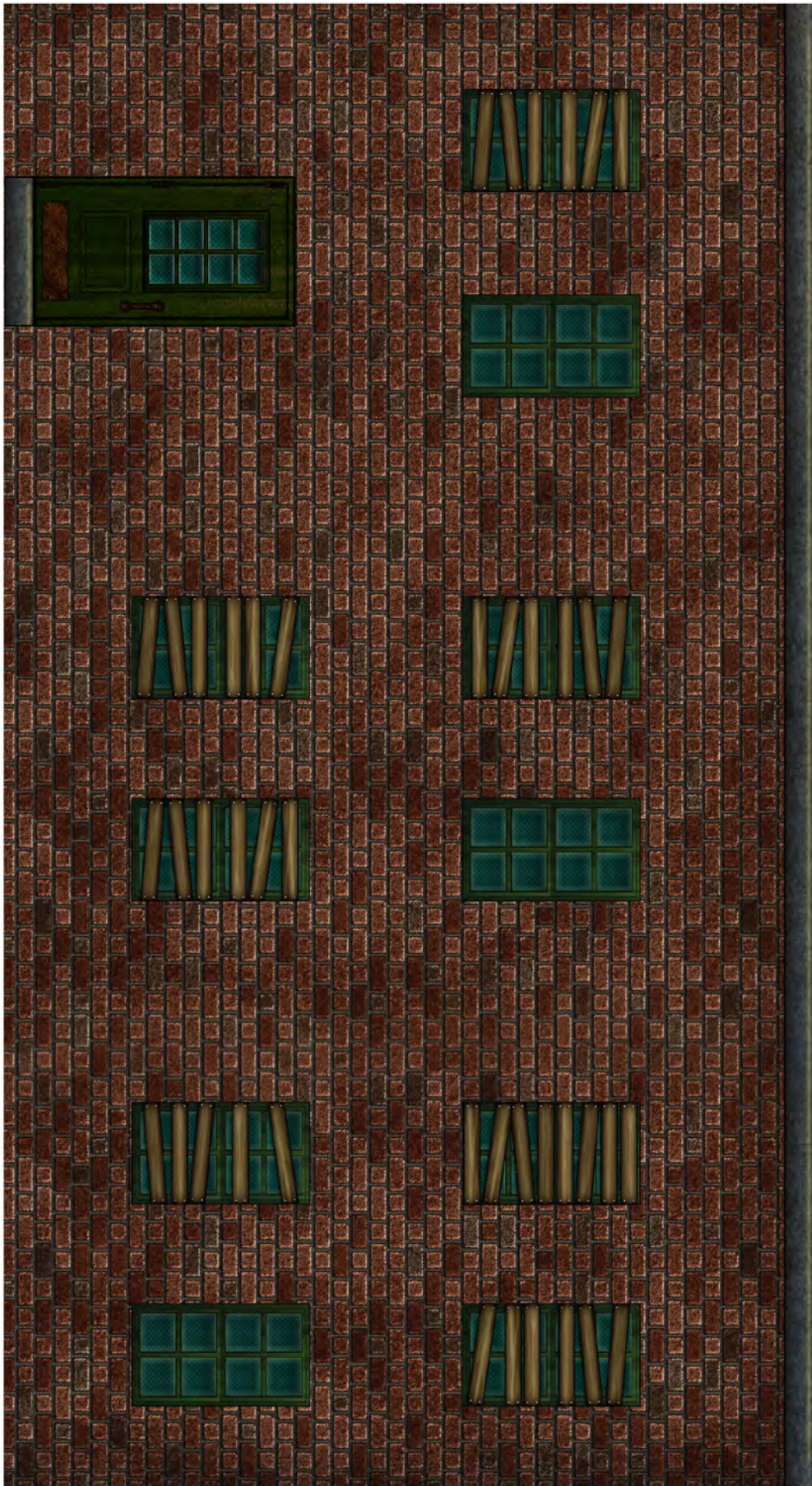
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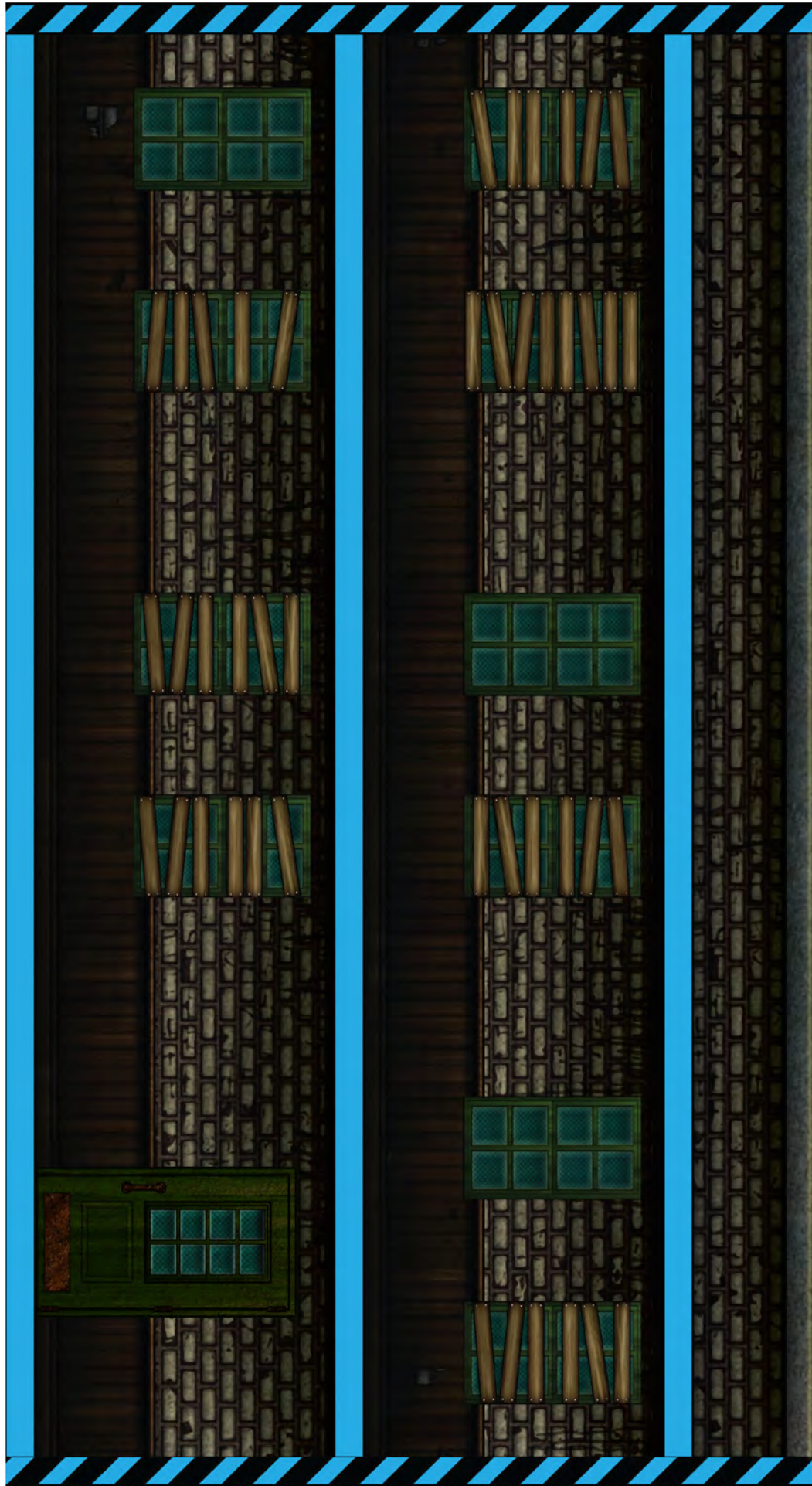
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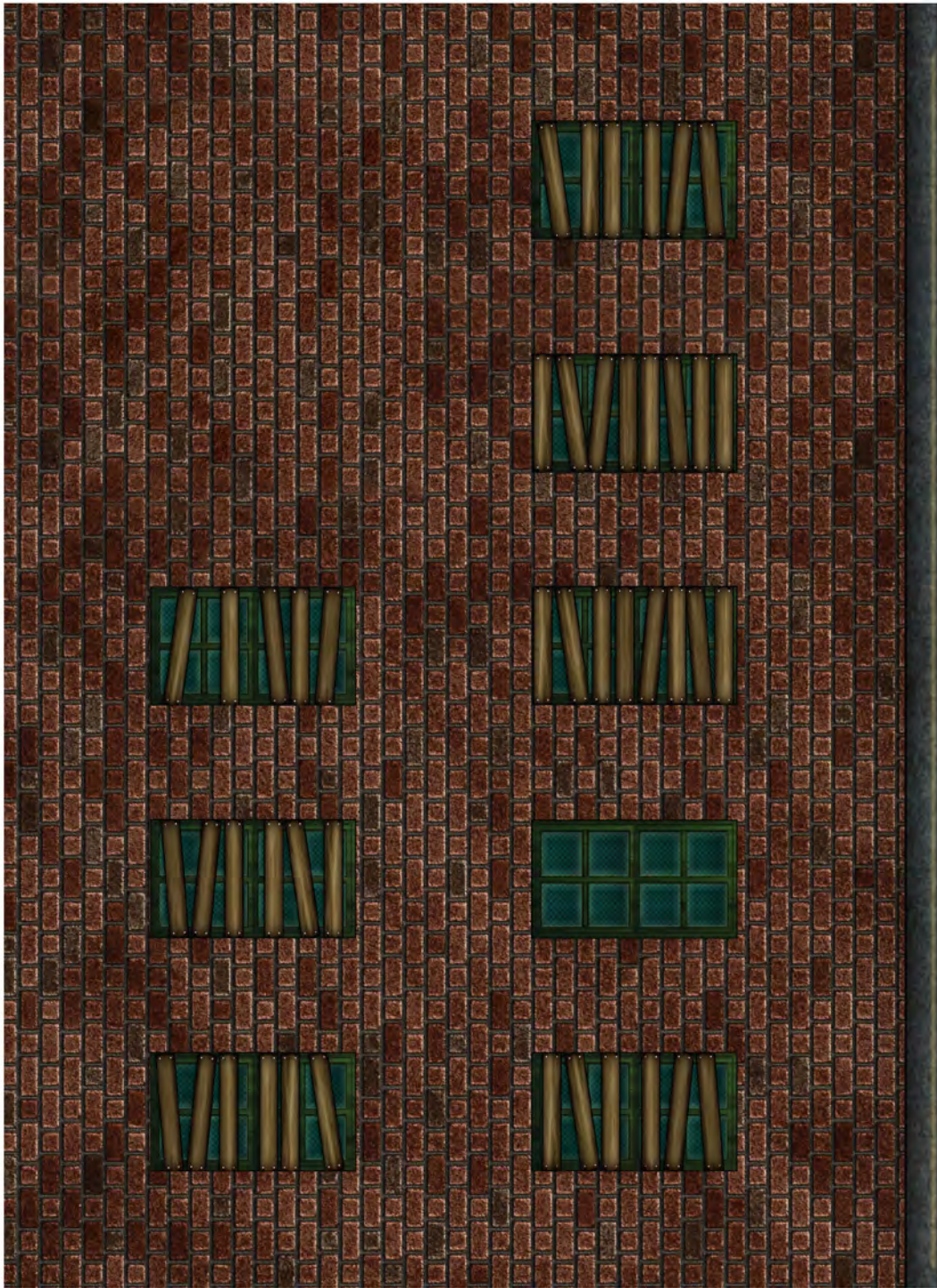
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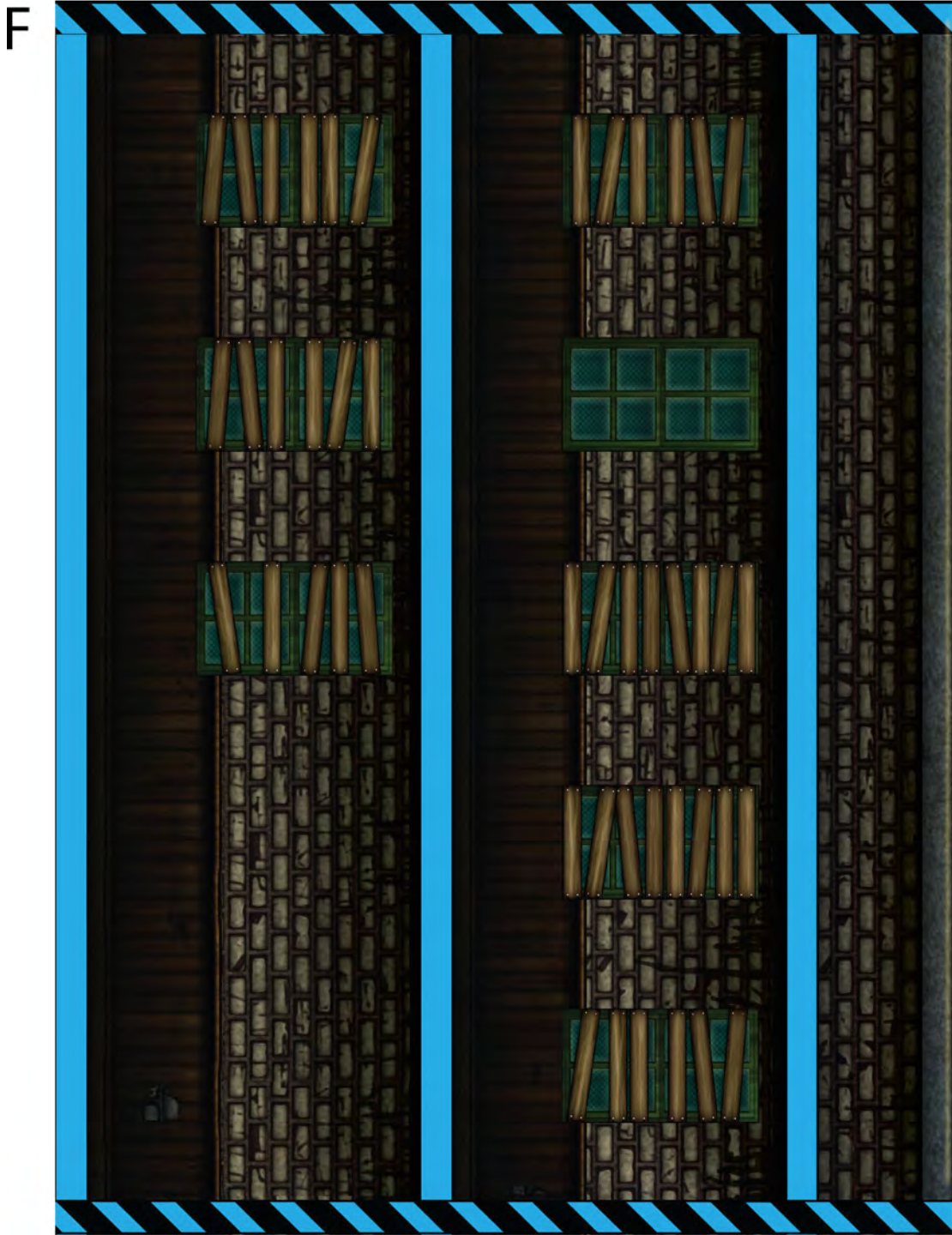


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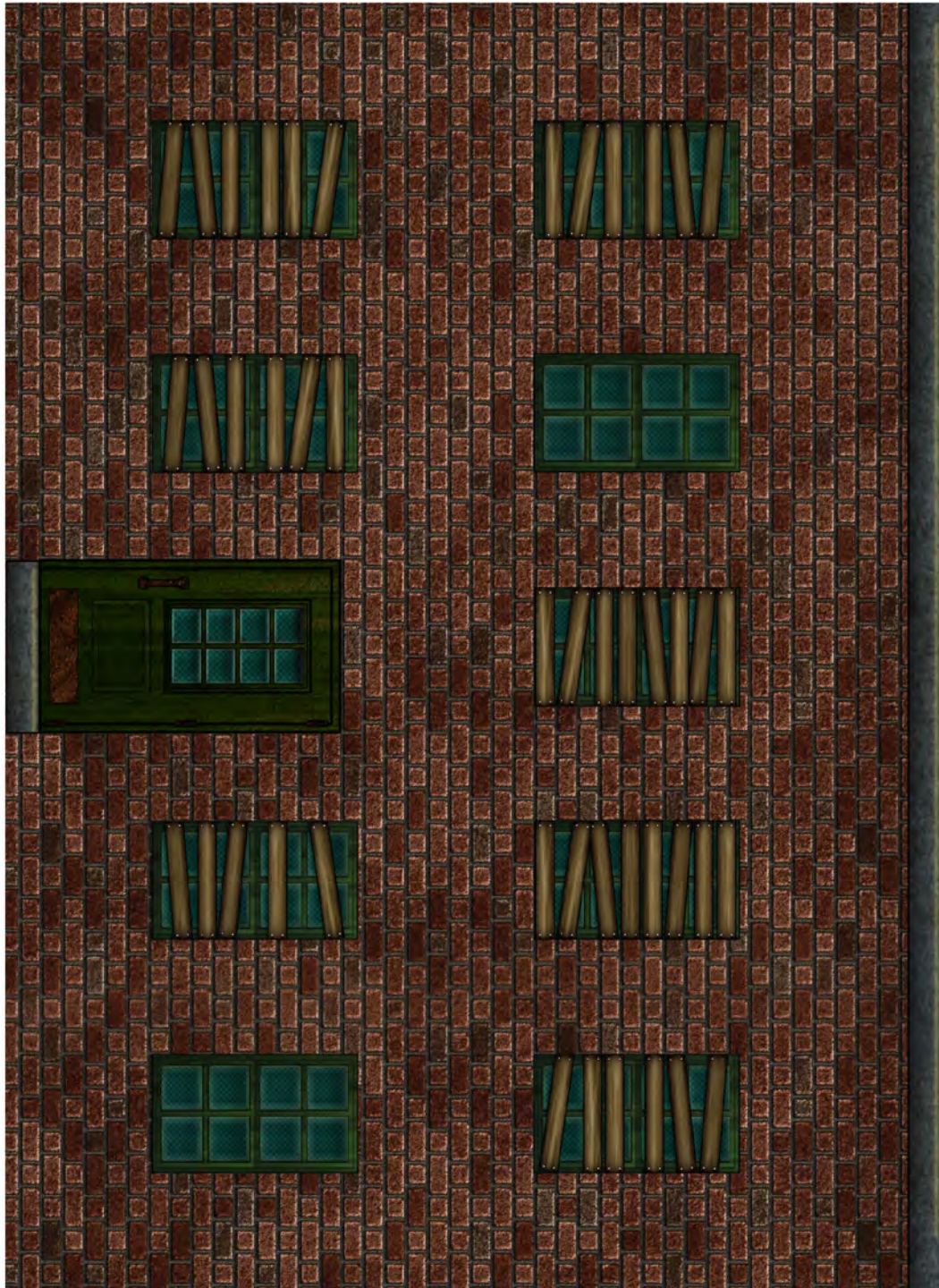


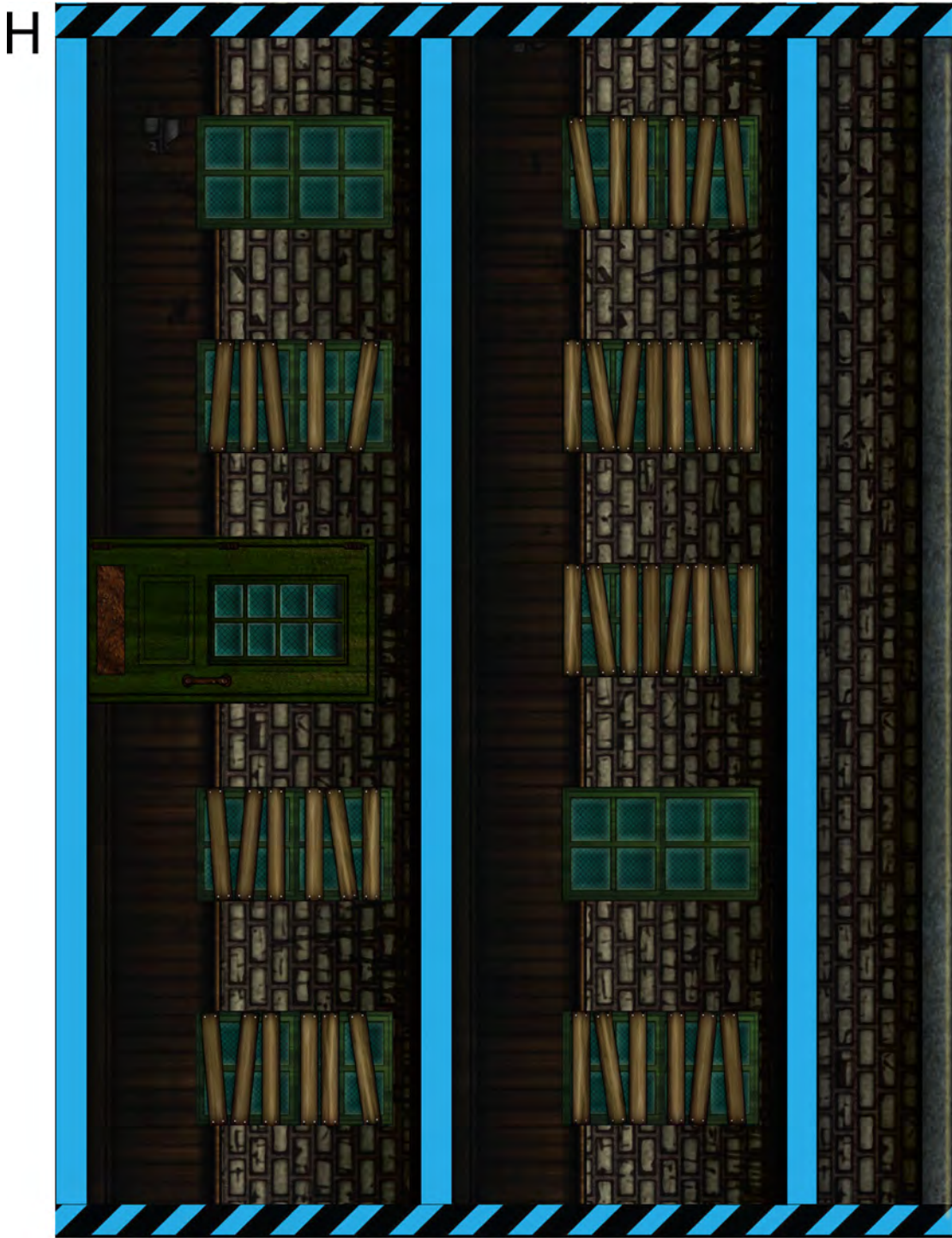
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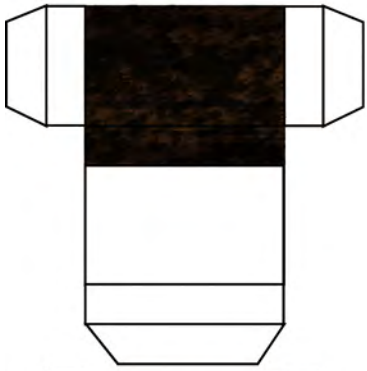


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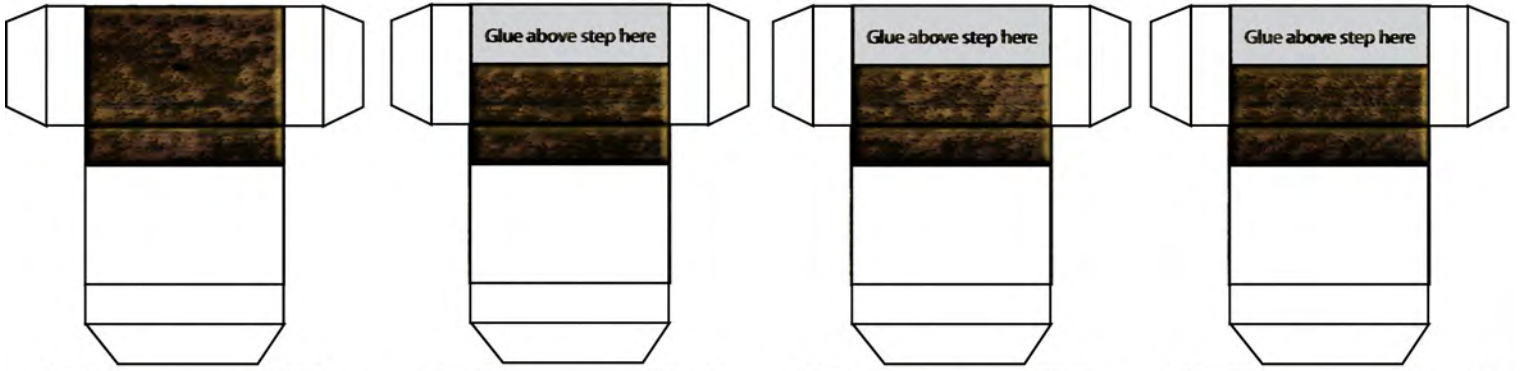
Upper Floor stair wrapper



Top



Roof Top trim



Upper Floor stair wrapper



