ASSIFIED
HOMES
Coreville Train Set
Train Station
Train Engines
Freight cars
Passenger cars
FEATURED HOME
About this listing
A foamcore wargame terrain project
suitable for 28-32 mm miniatures. Listed by
STOELZEL'S
STRUCTURES
About this listing
Asking price: $6.00

Classifieds: The Coreville Train Set S0042

"… …. No tickets!"

Welcome to the Coreville train depot, on the seedier edge of the industrial side of town, and home of the old pick up station. It is a modestly sized train station, servicing only a couple of rails. Please be courteous of other rail passengers about while lifting or removing luggage. If you have a late departure, I wouldn't recommend staying by the rails unescorted.

The Coreville Train set comes with the small train station mentioned above, plus a train engine with color options, Passenger Cars, and Freight Cars each with a least ten color/texture options. Plus, like all Stoelzel's Structures, our buildings, and in this case vehicles are fully textured on the inside, and designed for interior accessibility for game play, and as always, our units come fully furnished.

"Happy Railing"

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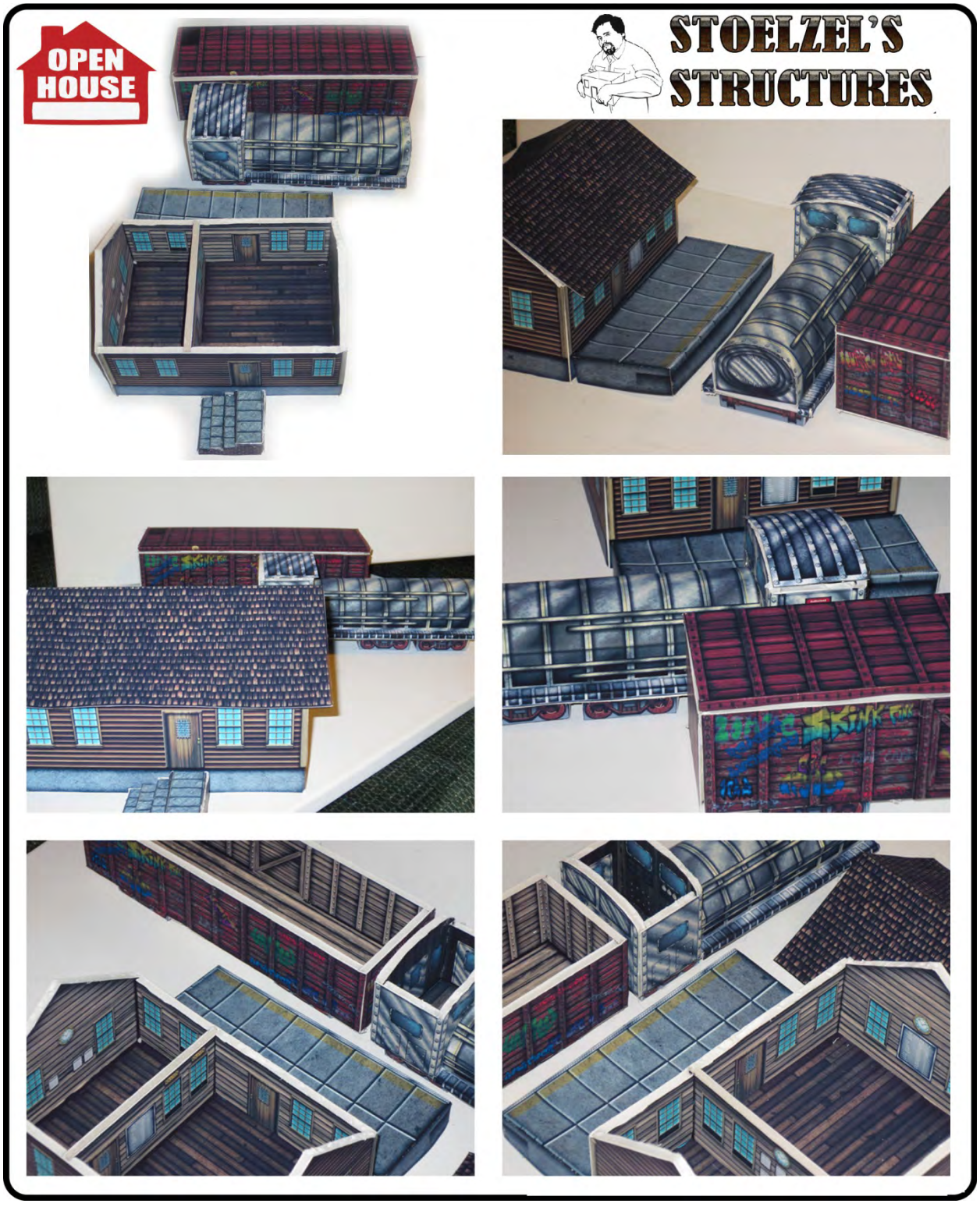

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Build instructions: Coreville Train Set

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 about an hour to build the train station, and about 30 minutes per train car.

Materials

1 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)

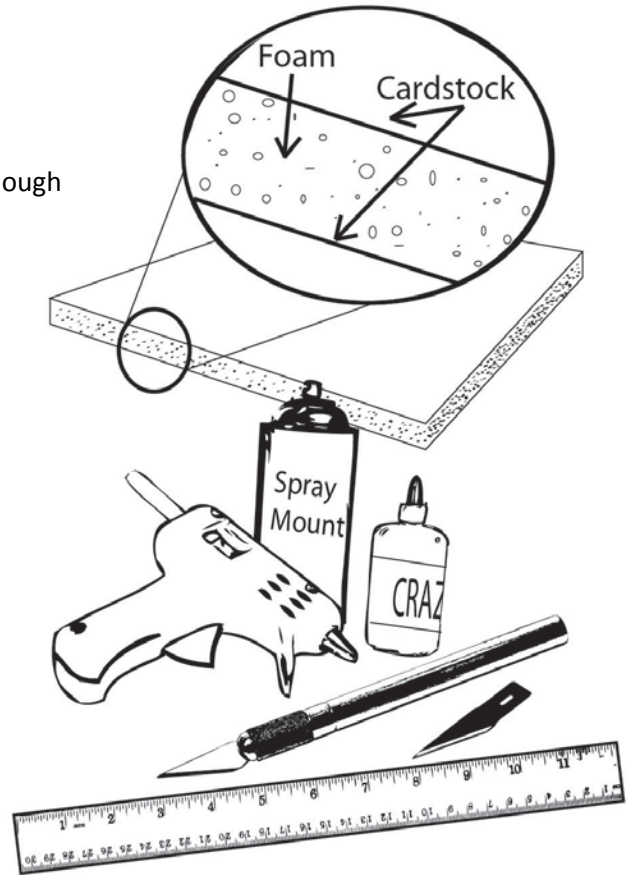
Full sheet label paper (Optional)

Spray mount and fancy printing paper (Optional)

A Rabbet cutter (optional)

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

Black magic marker (optional)



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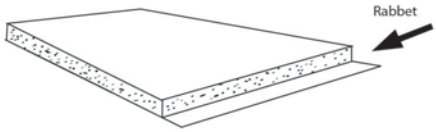
Techniques

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.



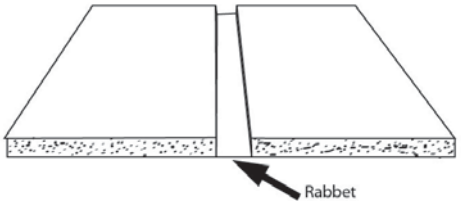
Rabbeting

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

RABBET	RABBET	RABBET	RABBET

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.

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Build Instructions

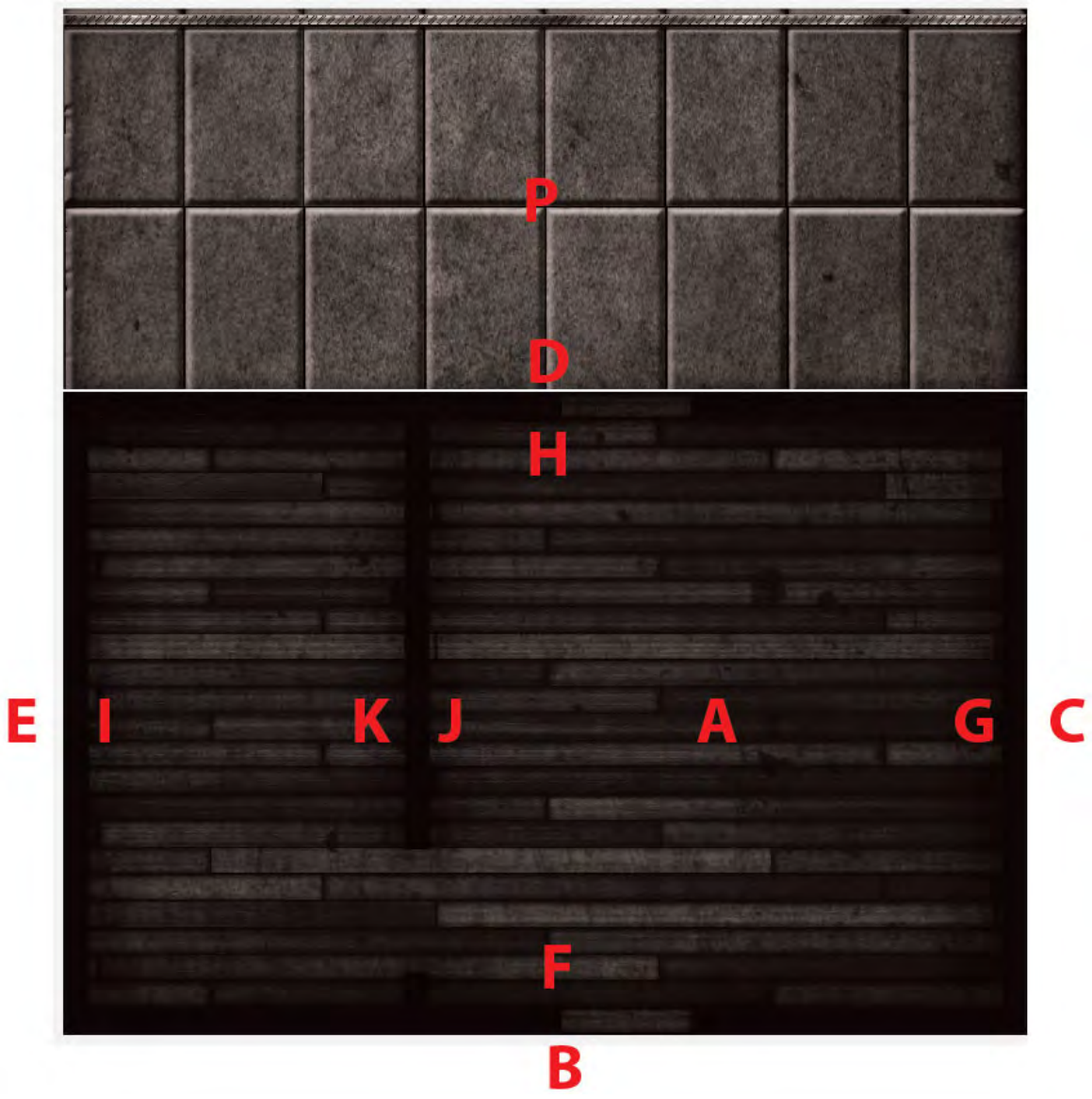
List of major parts

A	Floor
B	Front wall, exterior
C	Right wall, exterior
D	Back wall, exterior
E	Left wall, exterior
F	Front wall, interior
G	Right wall, interior
H	Back wall, interior
I	Left wall, interior
J	Subwall, right side
K	Subwall, left wall
L	Front steps, exterior
M	Front steps, under
N	Platform steps, exterior
O	Platform steps, under
P	Platform
Q	Roof
R	Roof supports

Other parts

Alternate color exteriors

Optional rooftop clock tower



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Assembly Instructions: The Station

1. We are going to begin by mounting the Flooring and the walls of the building onto five mm foamcore. Each of these wall sections has an image for the front and back of the foamcore, and you will need to match these, and align them carefully. The easiest way I find to align them is to mount the front side, cut it out, trim any and all doors if I am going to do these, and only then proceed to mount the backside image. This will allow you to use each corner as a reference point.

l recommend starting with all the exterior sections and mount on 5 mm foamcore. The list of "exterior" side images is as follows: **B,C,D,E** and **J.**

Flip the pieces over and then mount the corresponding image on the reverse (interior) side. The list of interior side images is as follows **F,G, H, I** and **K** respectively.

Additionally you will need to mount the floor pieces **A** onto 5 mm foamcore, but this is one sided.

IF you wish to remove the windows and doors, now is the time to do it (*while you can still lay them flat on a cutting surface*). Be sure to leave the window/door frames intact which cutting along the item.

2. It is now time to make all the necessary rabbets on your wall sections. All rabbets are indicated by a light blue box. Every wall section in this build, with the exception of the interior subwall (**N/O**) has a rabbet marked on them.

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. With all the basic wall pieces mounted and rabbeted, it is now time to assemble the building.

3A) Take the floor piece (**A**) and place it in front of you. Locate the front wall (**B/F**) and test fit the floor into horizontal rabbet about ½ inch above the bottom of the wall. Trim the rabbet if needed and then glue in place.

3B) Now locate the right wall (**G/C**) and test fit the floor into the horizontal rabbet on this piece, and test the corner rabbet against the front wall. Trim if needed and glue in place.

3C) Now locate the Rear wall (**D/H**) and test fit the floor into the horizontal rabbet on this piece, and test the corner rabbet against the right wall. Trim if needed and glue in place.

3D) Now locate the left wall (**E/I**) and test fit the floor into the horizontal rabbet on this piece, and test the corner rabbet against the rear wall, and the corner rabbet with the front wall. Trim if needed and glue in place.

3E) Take the interior subwall (**J/K**) and test fit along the rabbet in the front wall and the rabbet in the rear wall. Make sure the "schedule" is facing the larger room. Trim if needed and glue in place.

4. It is now time to assemble the roof. Print out and trim the roof piece and the two roof support pieces. Mount the two roof support pieces on some scrap 5mm thick foamcore. Trim.

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Mount the roof to some thick cardstock and trim the edges. Find the horizontal line separating the front and back of the roof, and score and fold along this line about 90 degrees.

Flip the roof over so that you see the under side. Take the two roof support pieces and place one on each end of the roof, about 1 inch away from the edge. Test fit the angle of the roof and the position of the support piece. Mark the position on the roof, and glue in place.

Once dry, flip the roof over and place, NOT GLUE, the roof on top of your building. The support pieces should fall toward the inside of each peaked wall.

Assembly Instructions: Train Cars

1. Train cars (both passenger and freight cars) have two long walls and two short walls. What you will also see is that for each of these (with the exception of the freight car short wall), and for each color option, you have to decide if you want a door along the wall, or not. This is a matter of choice. You may want doors are all the wall of your passenger cars for embarking/disembarking and for shifting from car to car. Alternatively you may decide to forgo doors on one side, or may not want the doors on the short walls. Plan, and then locate the correct pages so that you have the needed two long walls, and two short walls (both interior and exterior versions. Print out those pages.

You will also need to find a suitable floor, and roof, and print the under carriage wheels.

As you did in the station assembly, you will need to mount the walls, floor, and roof on 5 mm thick foamcore. Mount one side of the paper, and then cut along the perimeter of the drawing to remove the unnecessary foam. Flip the piece over and then mount the reverse image on it, taking care to align front and back. Use all four corners of the piece to help align.

IF you wish to remove the windows and doors, now is the time to do it (*while you can still lay them flat on a cutting surface*). Be sure to leave the window/door frames intact which cutting along the item.

2. It is now time to make all the necessary rabbets on your wall sections. All rabbets are indicated by a light blue box. Every wall section on the train cars, and the underside of the roof has a rabbet marked on them.

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. With all the basic wall pieces mounted and rabbeted, it is now time to assemble the building. Start with one of the long wall sections and place the rabbeted wall bottom along the edge of the floor. Test fit and glue in place. Proceeding in clockwise manner, grab a short wall, then a long wall, and then the final short wall and test fit along both the floor, and the corner, and glue in place.

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4. You should have already mounted and rabbeted the flat roof topper. Flip it over so you see the rabbets. The four tabs made my these rabbets are actually the sides of the roof. Fold them down 90 degrees to cover the exposed foam and glue in place.

Once dry, flip the roof over and place, NOT GLUE, the roof on top of your building. The support pieces should fall toward the inside of each peaked wall.

5. Take two under carriage wheel assemblies, mount on cardstock and trim. Locate the long black lines separating the sides from the top and bottom. Fold along each of these 90 degrees until you form a rectangular prism. Use the tabs to glue together.

Glue under the floor of your train car where indicated in the images.

Assembly Instructions: Train engine

1. Train engines are assembled from foam following the procedures described above. The Engines consists of four main parts. The floor, the compartment, the engine, and the roof. Mount both sides of the compartment and the floor on foam core, and mount the roof supports on foamcore as well. Mount the engine and roof on cardstock.

2. It is now time to make all the necessary rabbets on your wall sections. All rabbets are indicated by a light blue box. Every wall section on the train cars, and the underside of the roof has a rabbet marked on them.

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. It is now time to assemble the engine. Take the floor element and face it upward. Fold the side tabs downward to cover the exposed foam edge, glue in position. Note the wooden texture on one side, this is the floor for the compartment. Glue the compartment down in the rabbet that surround the wooden floor.

Fold the engine front and back upward, and the tabs downward. Wrap the sides of the engine around so that they cover the tabs. Glue together, and then glue in the large open rabbet in the floor.

Take the roof, and glue two roof support pieces under it to form a curved shape. Place on top of the compartment.

Flip the train over and glue three wheel assemblies where indicated in the image.

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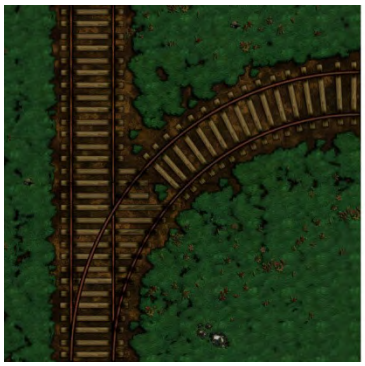
Ground Tiles

Ground tiles are provided to assemble a train themed gaming area. Some of the ground tiles are provided in sets of 4 to assemble a 2 (wide) by 2 (deep) areas. Other tiles are one offs, represented straight sections of rail. You will find these compatible with our existing ground tiles line.



You may like to mount these on cardstock or foamcore for stability. I recommend mounting multiple pieces onto single sheets of foam or card for ease of assembly during play, and keep them in place once the dice start flying.

The images in the ground tile section are provided in order, starting with the top left, and proceed across to the right, and then returning to the left and advancing toward you. Lay them out first to establish the order, and then determine how you would like to mount them.

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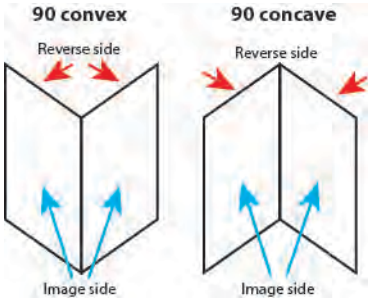
Furniture Build Instructions

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.

Tables

Tables 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.

Benches

Benches are very similar to tables in that they are largely just a cube. The difference is in the high back which is a doubled over section of card. Fold the front and back side of the back 180 degrees and glue together. Then fold the arms and seat around as if making a cube.

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Train station

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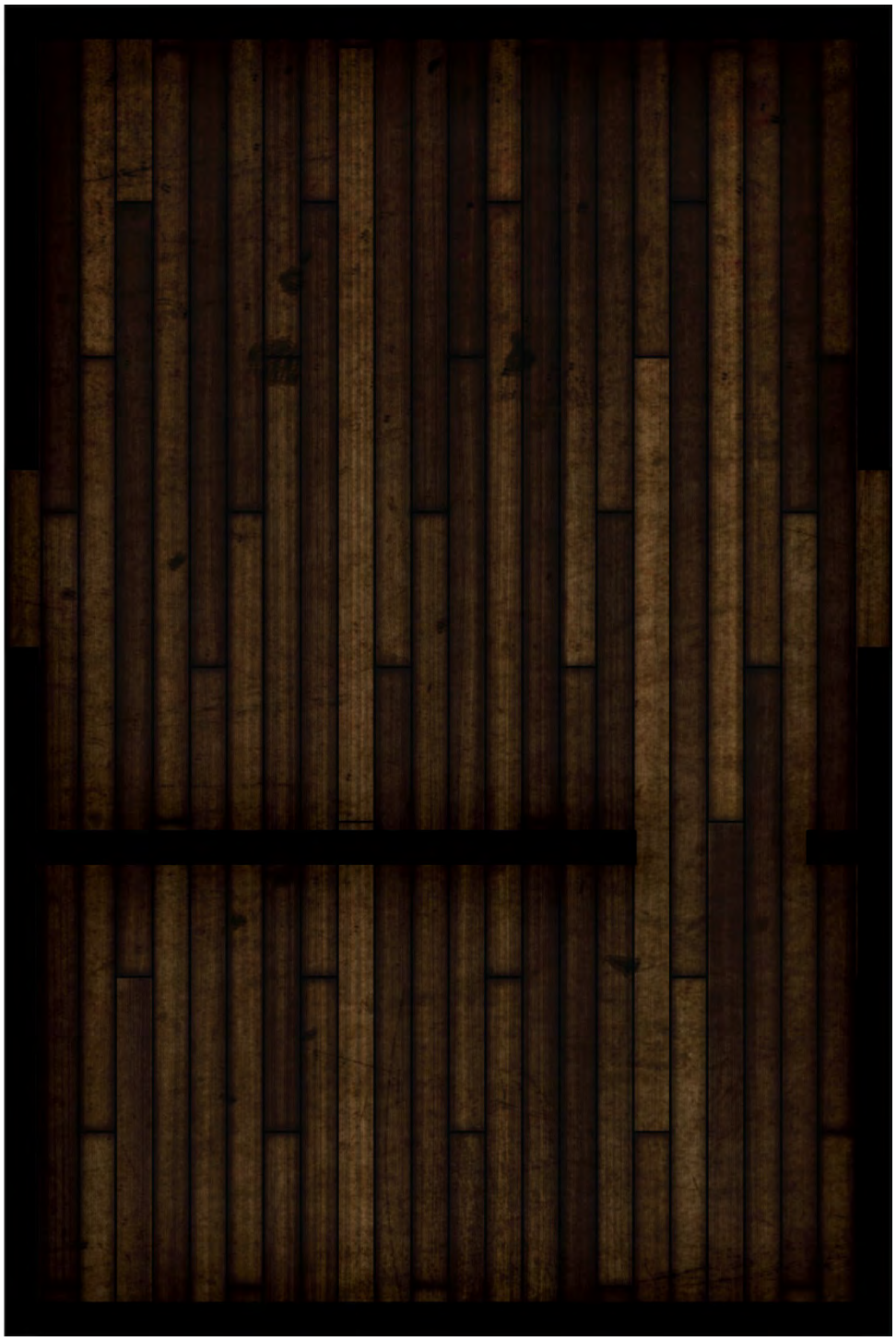
A



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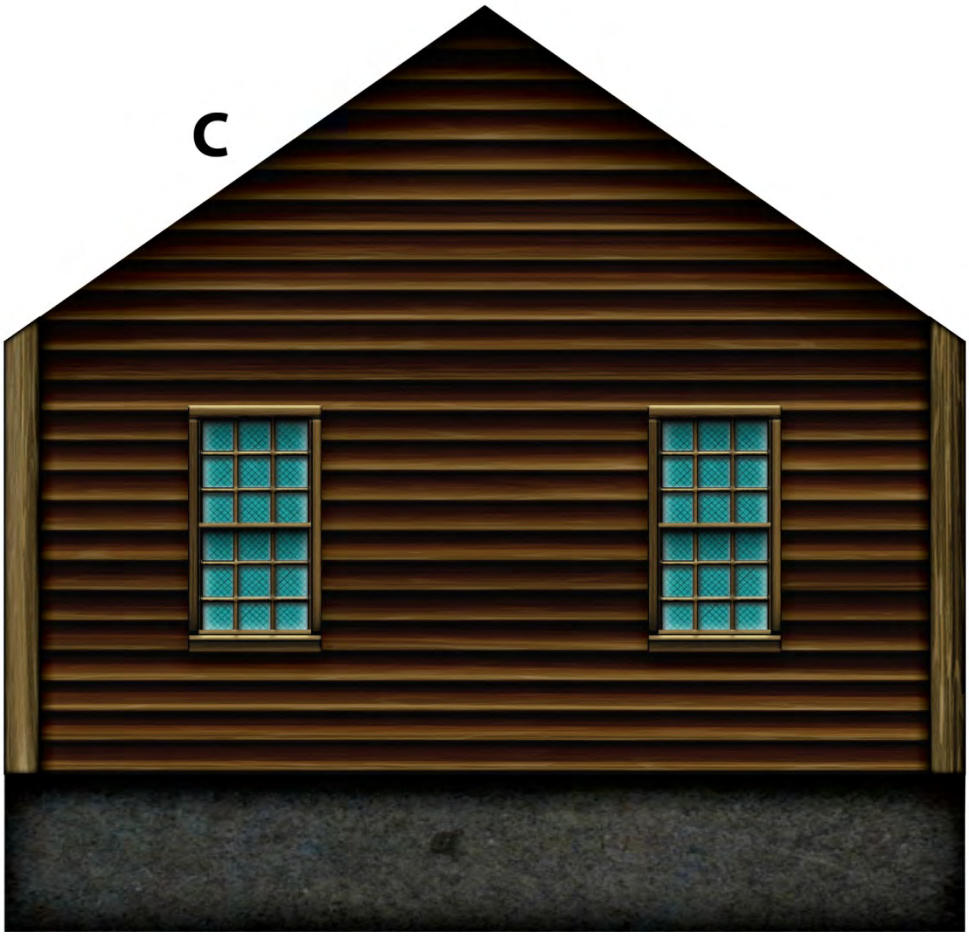

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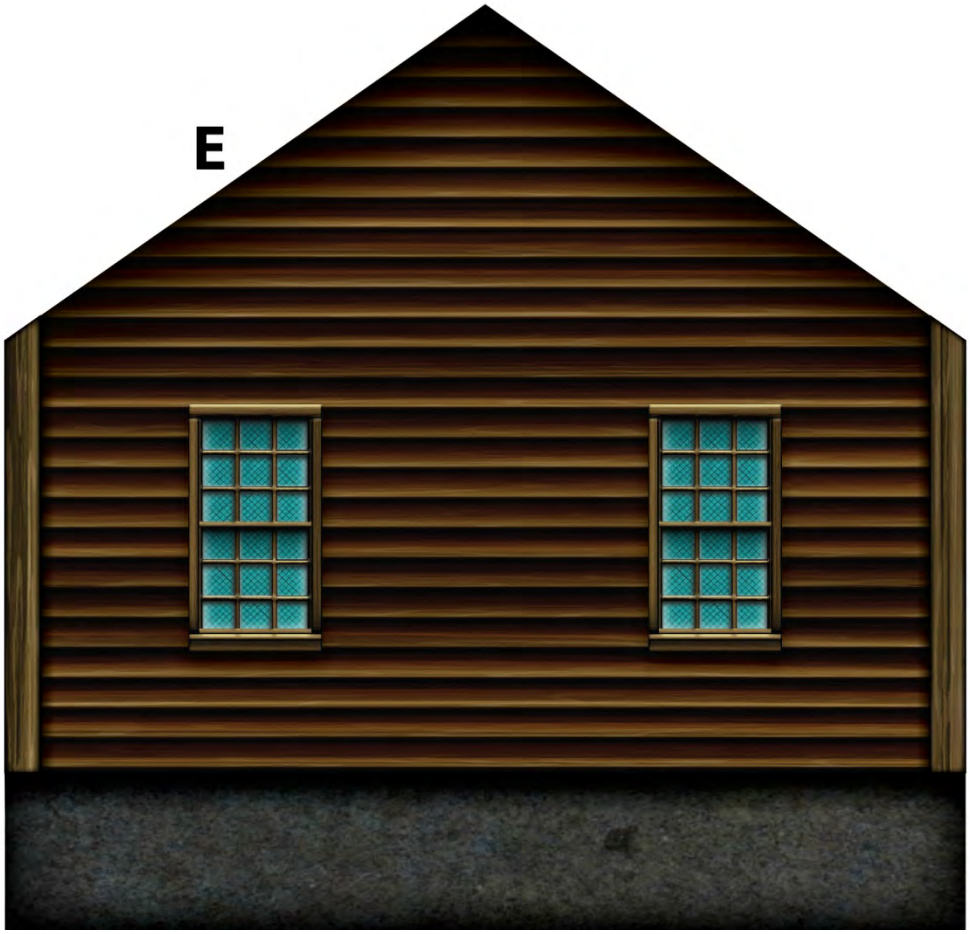

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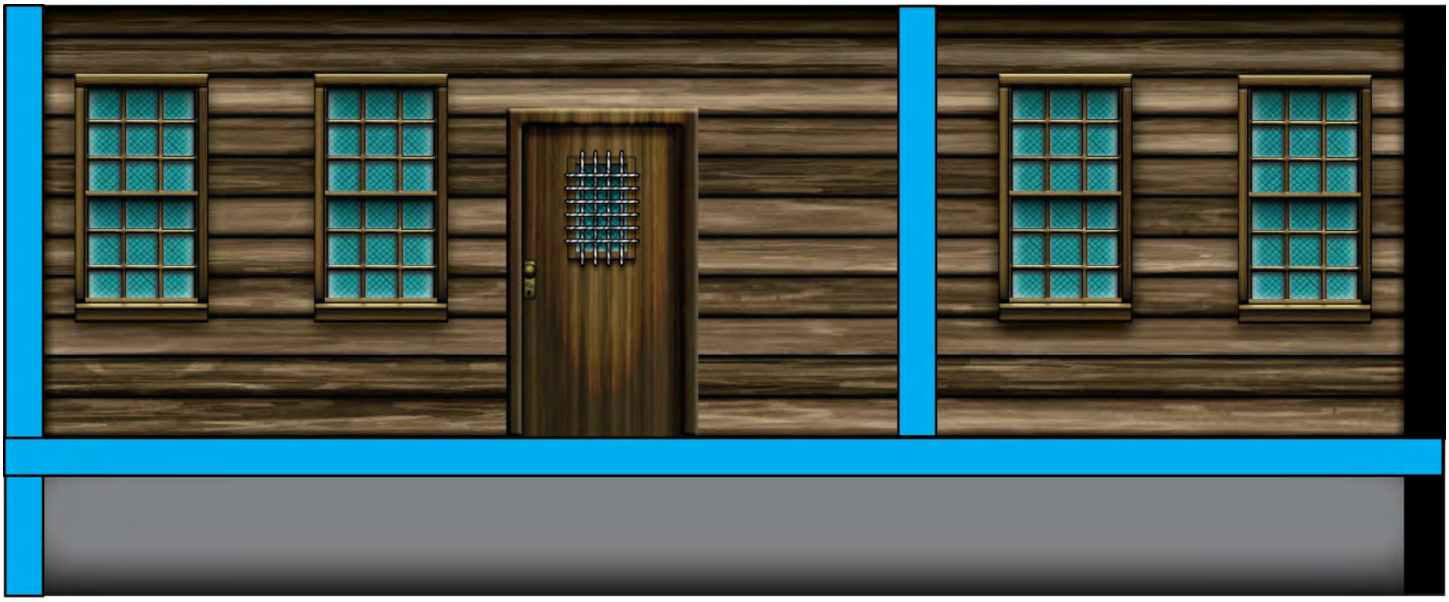

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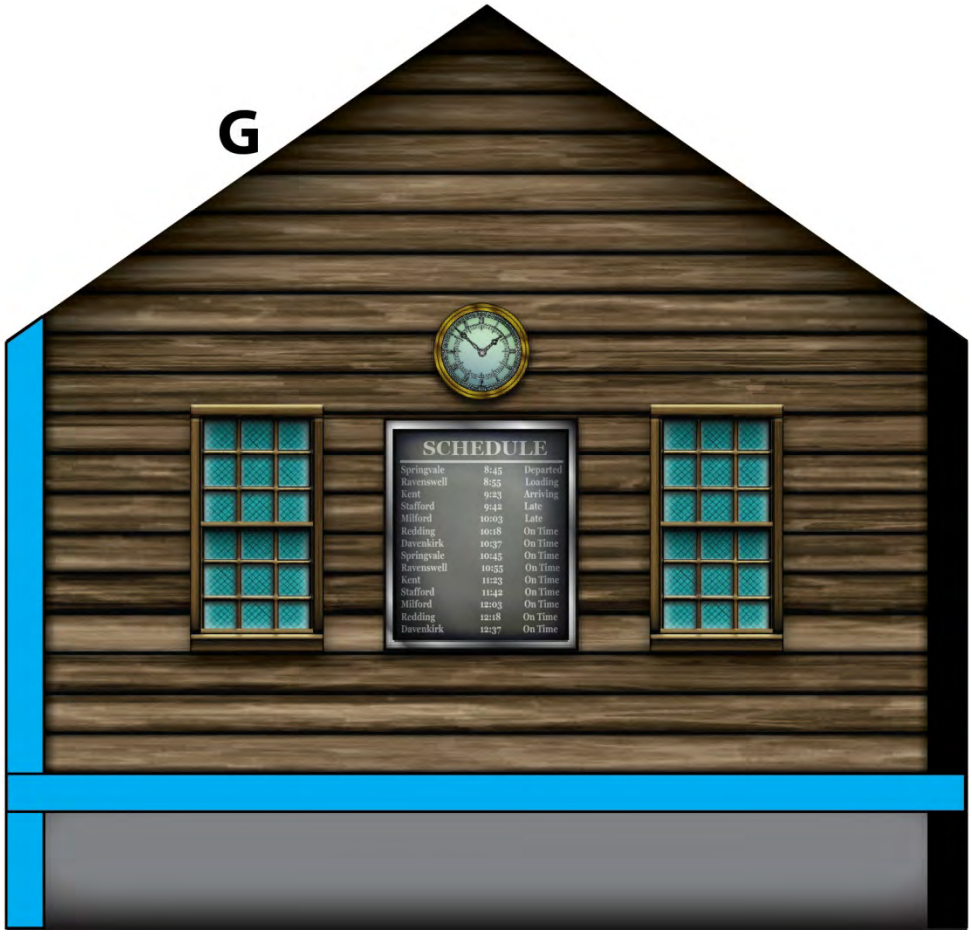

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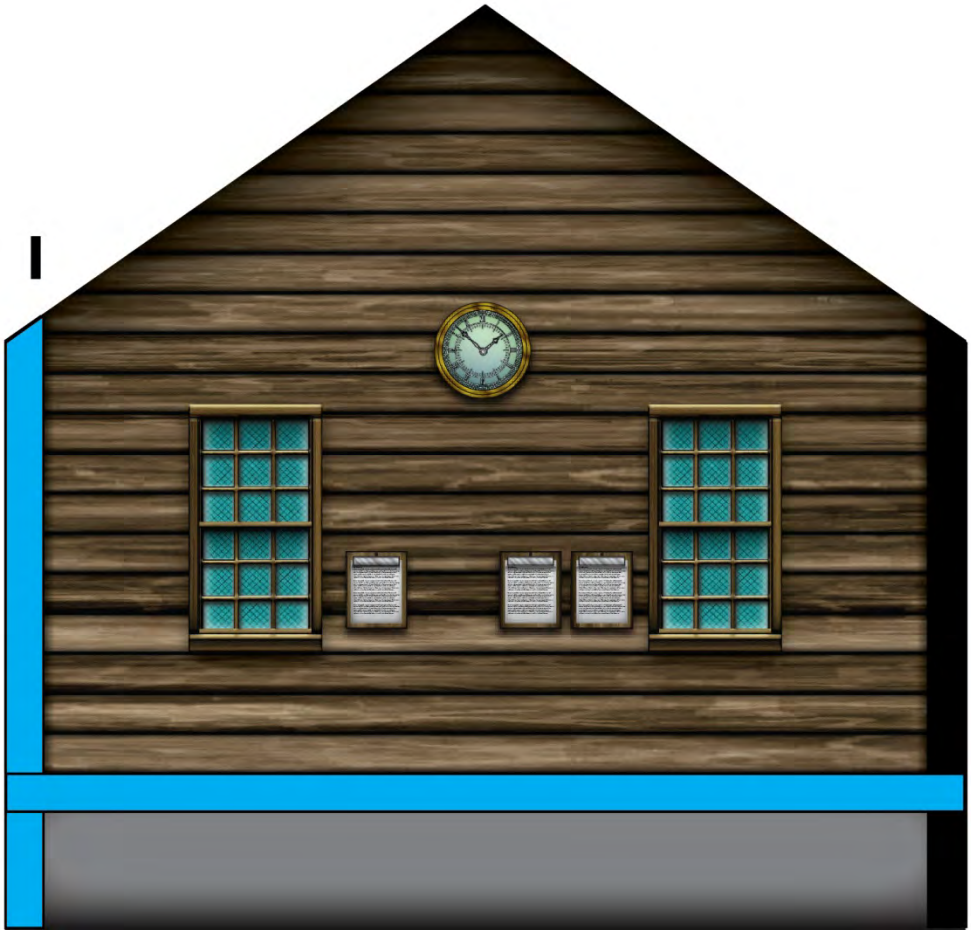

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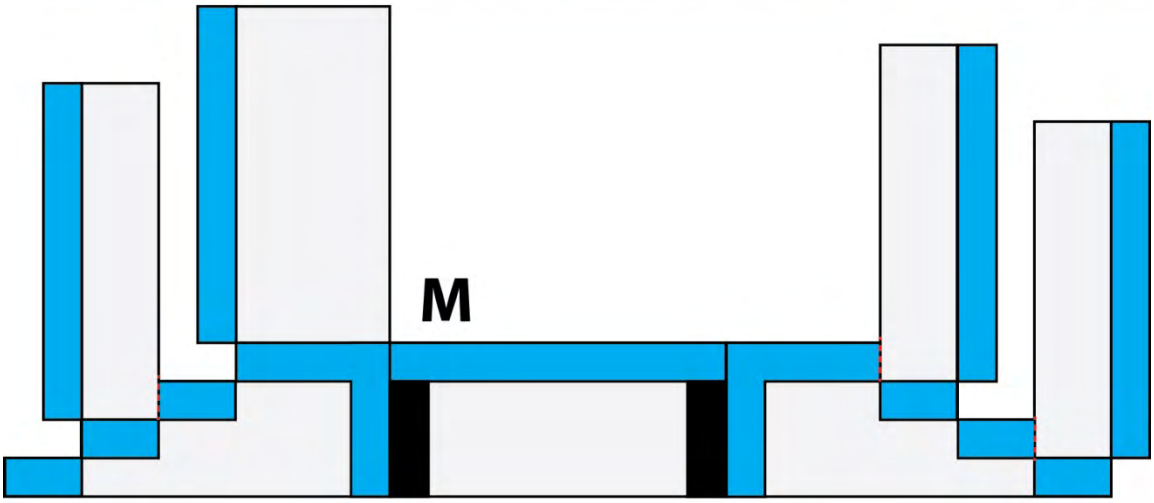

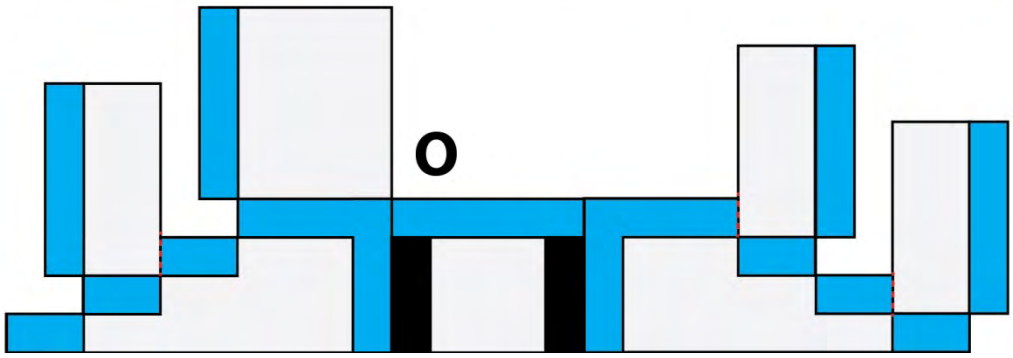

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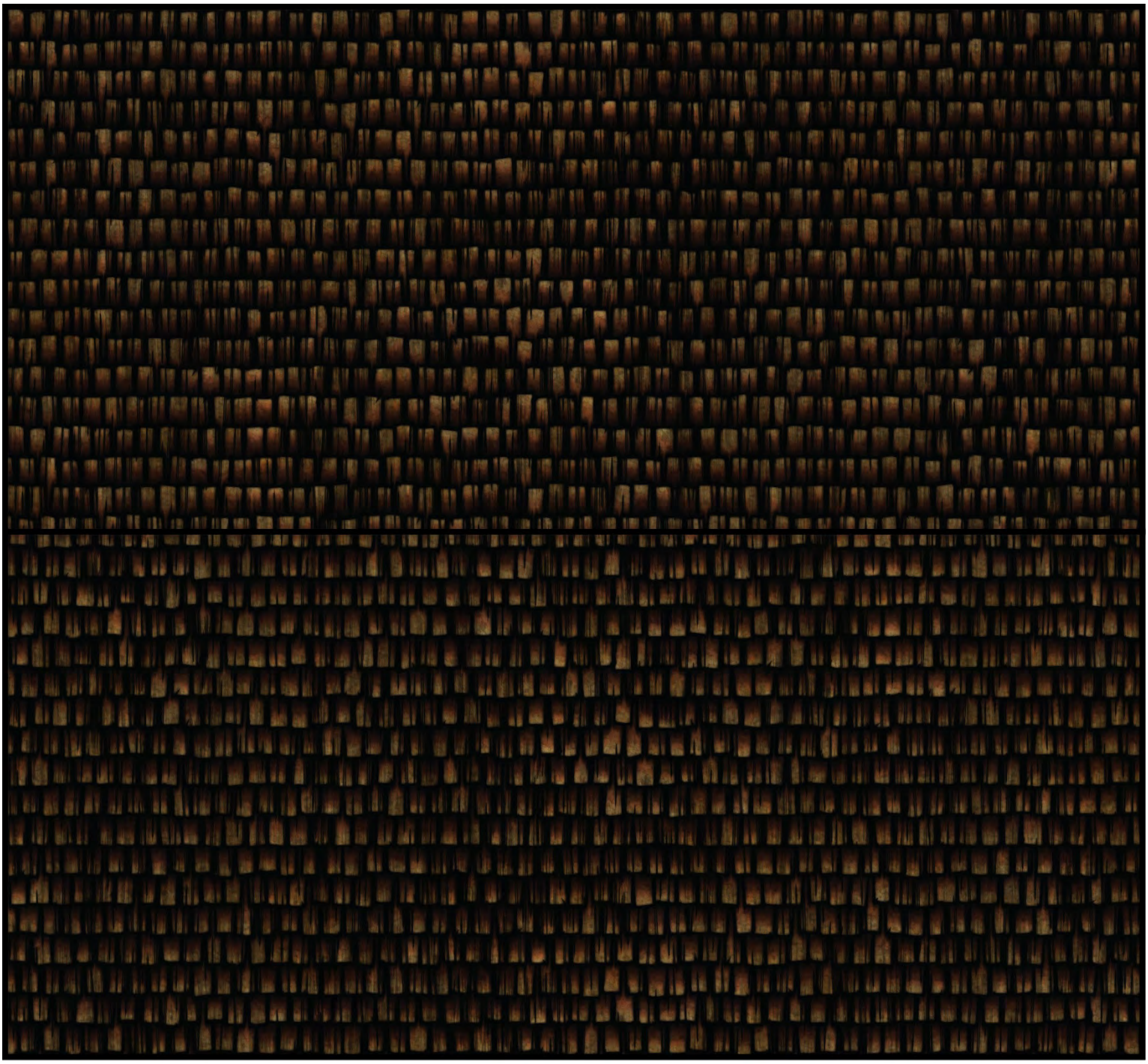

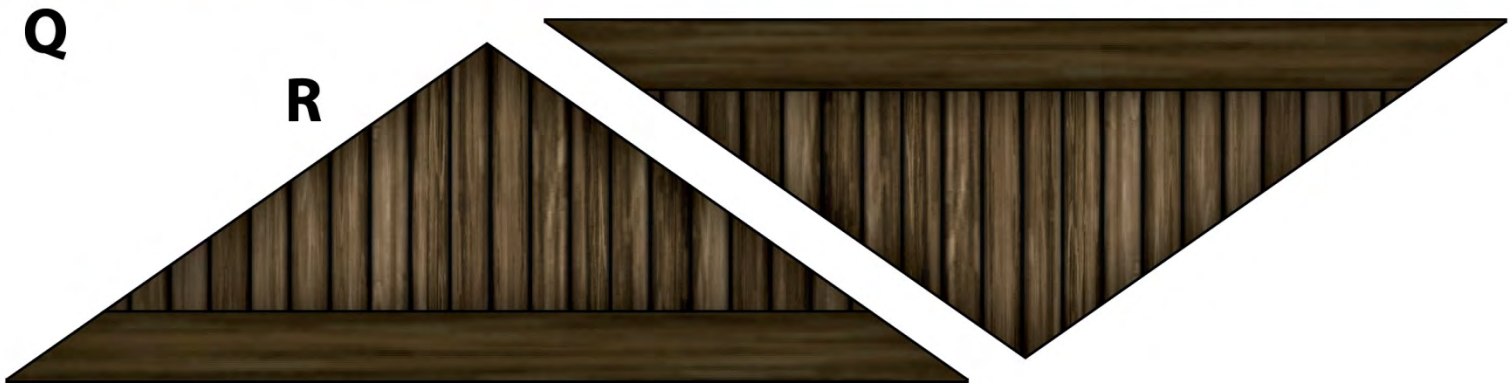

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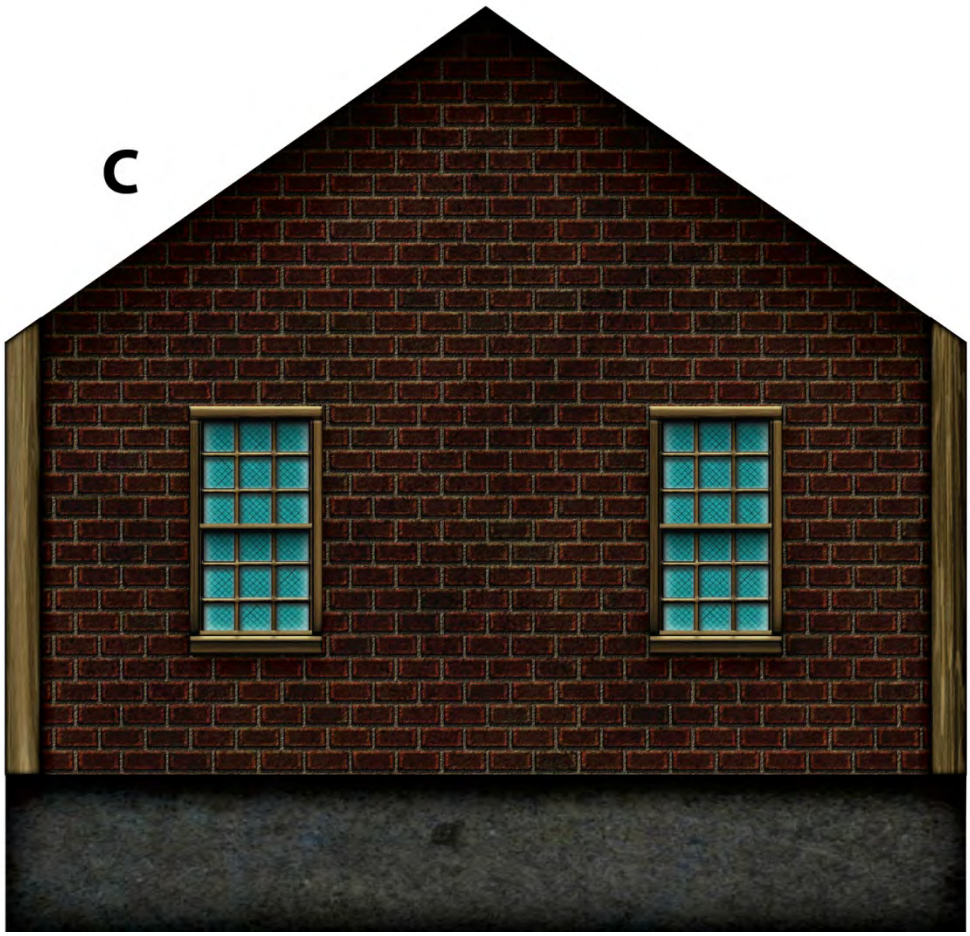

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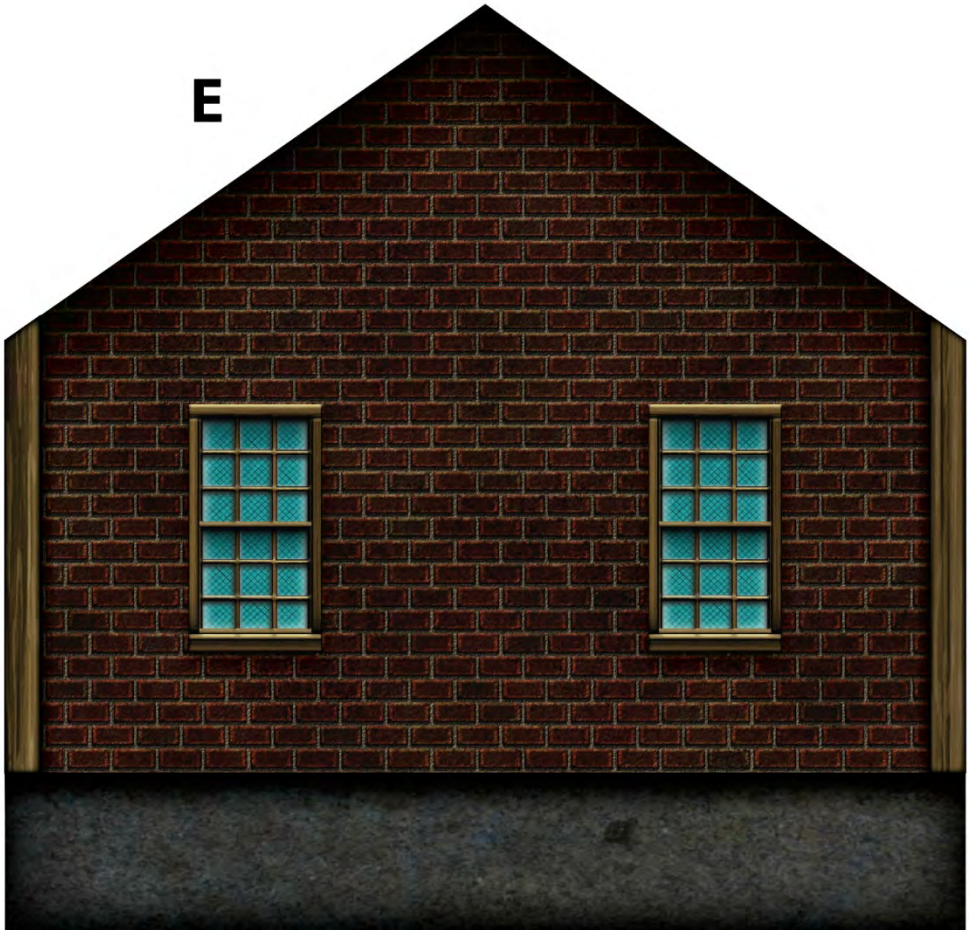

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Train Engines

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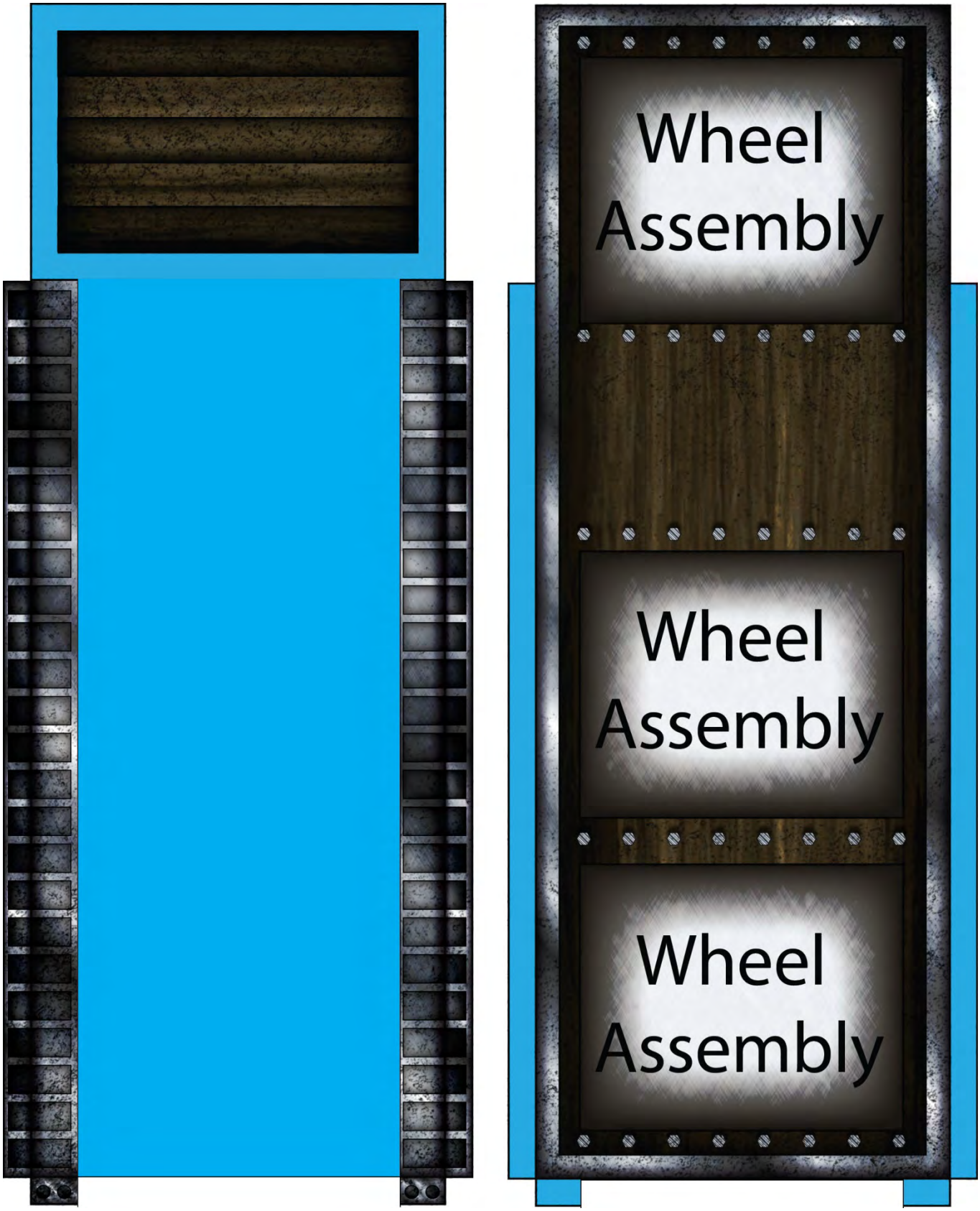

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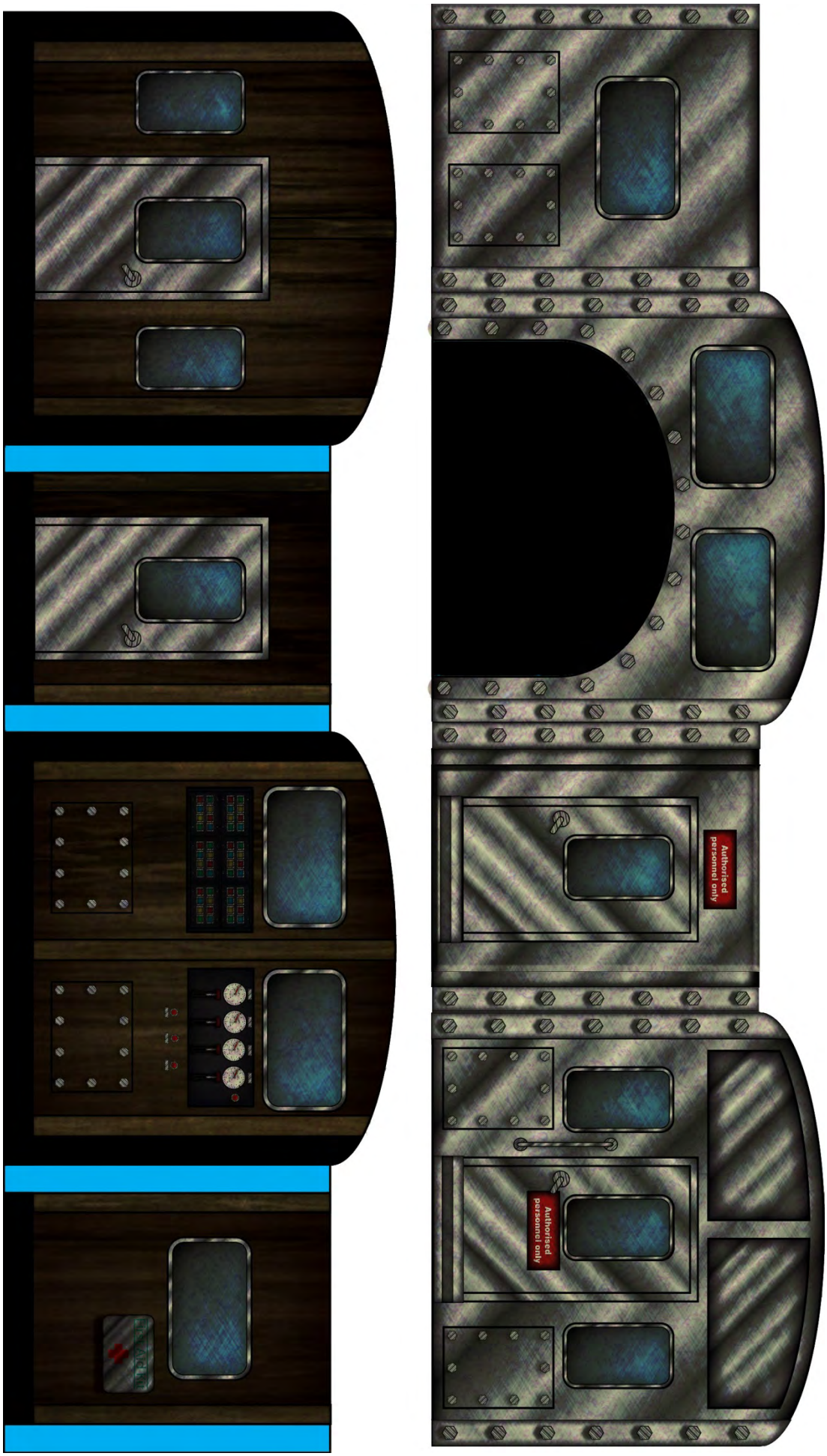

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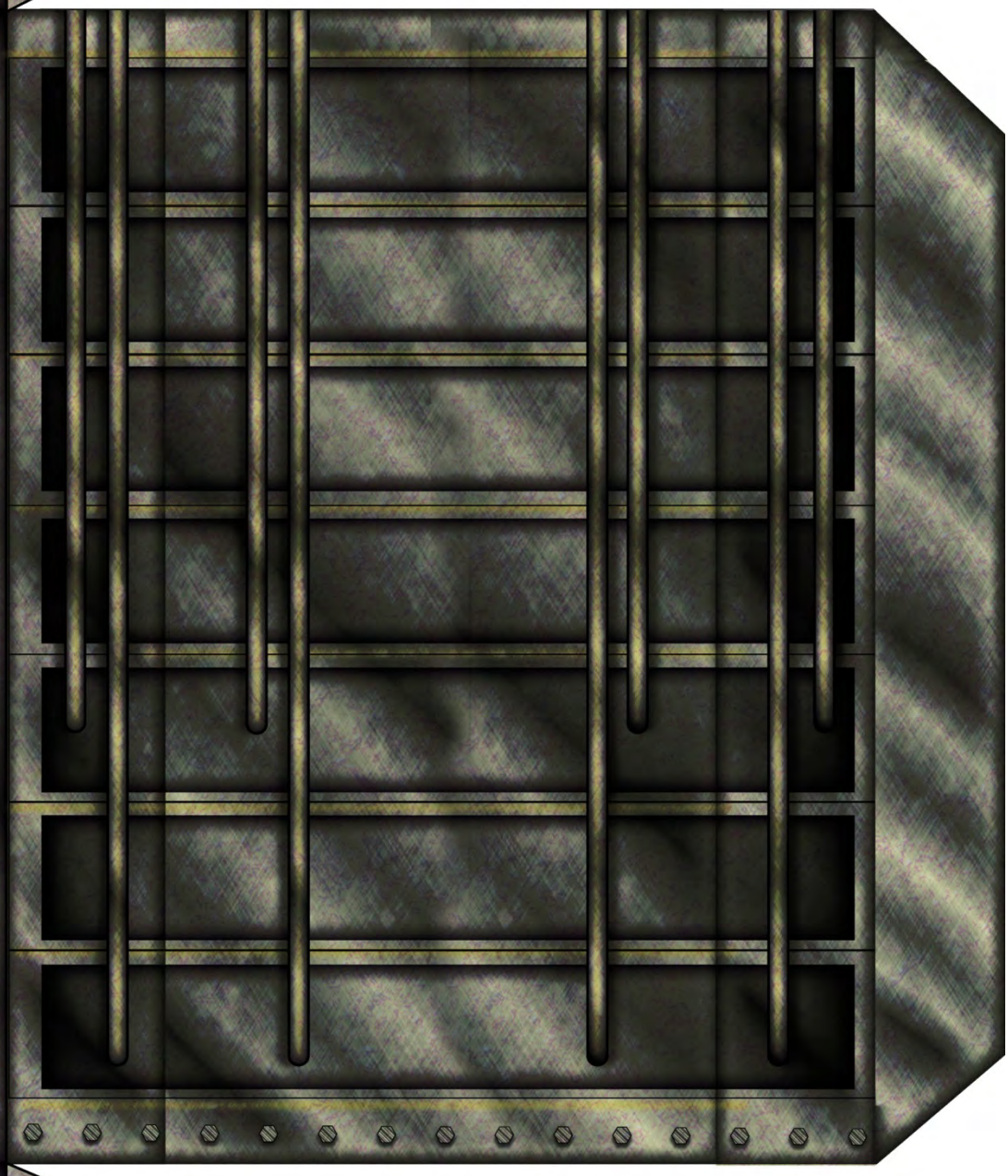

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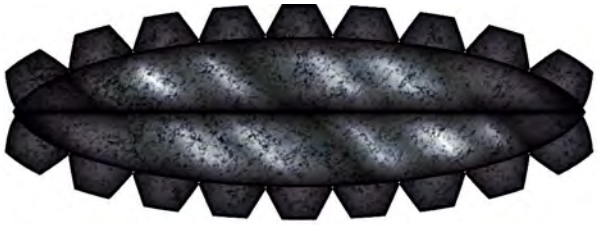

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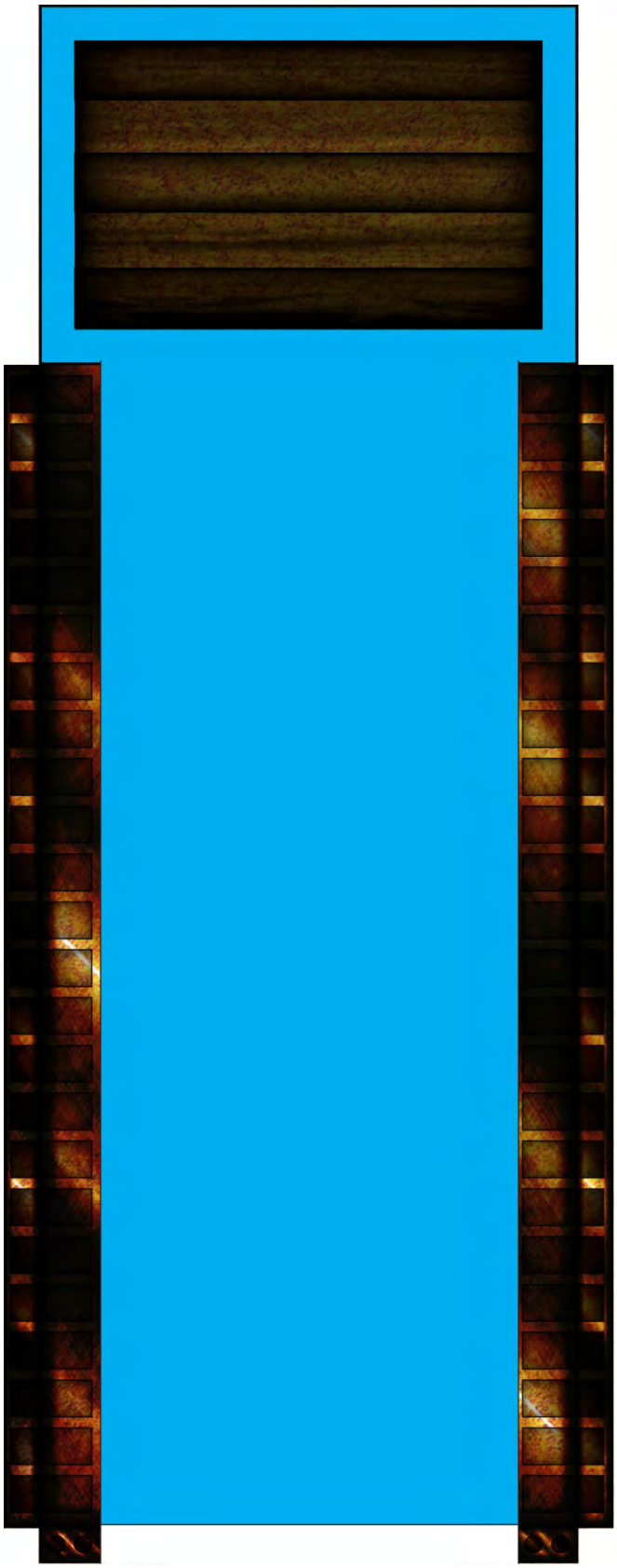

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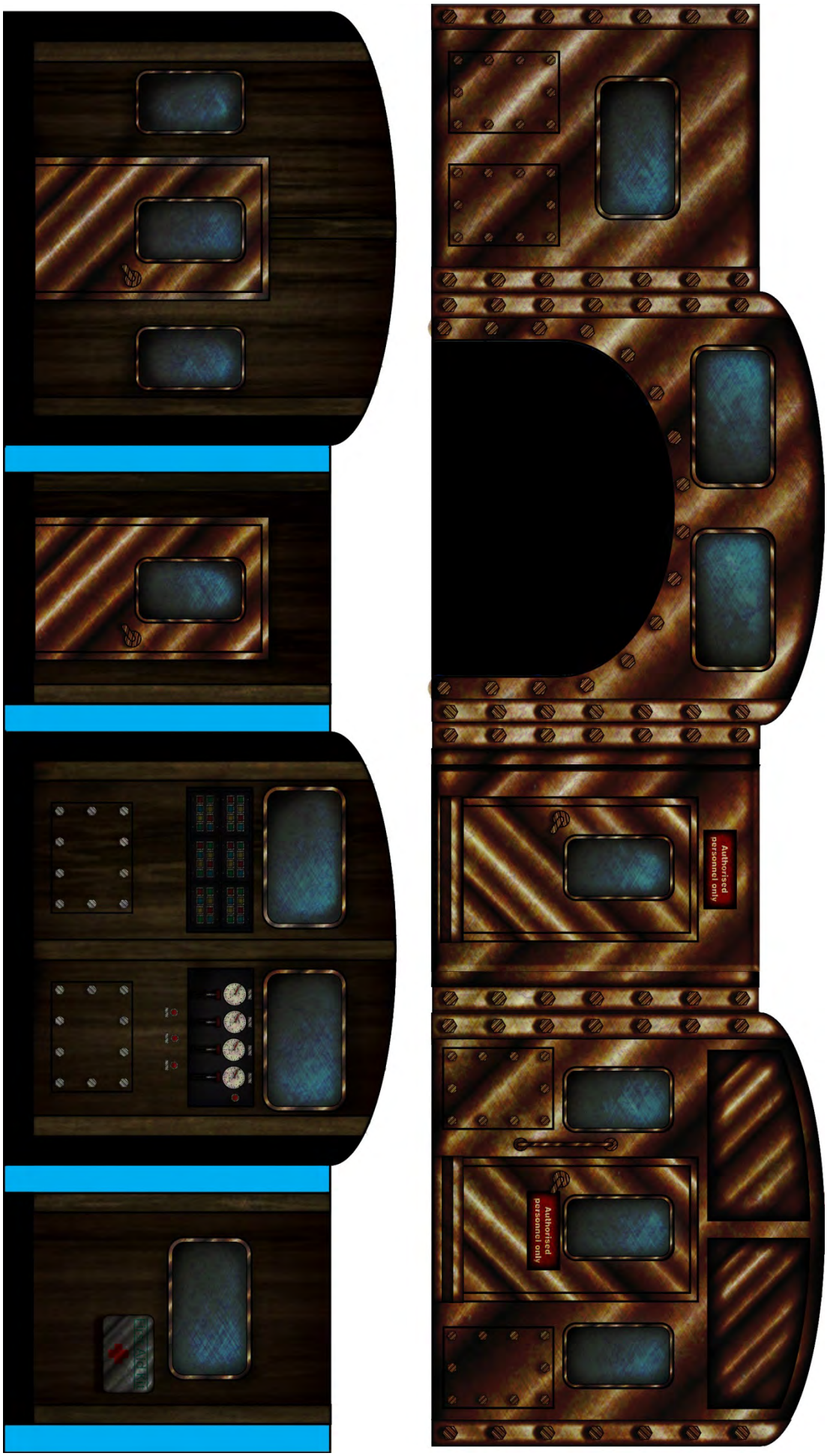

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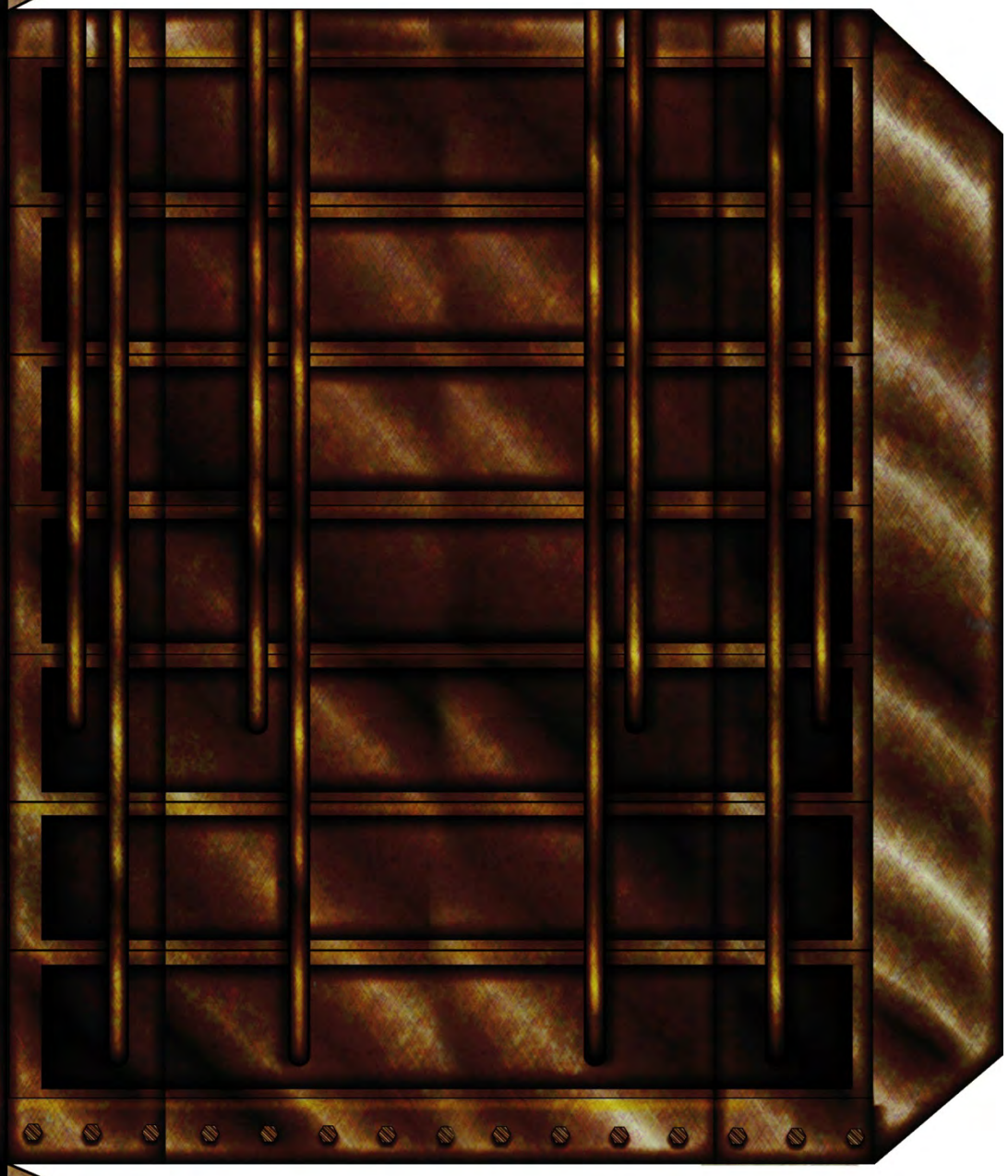

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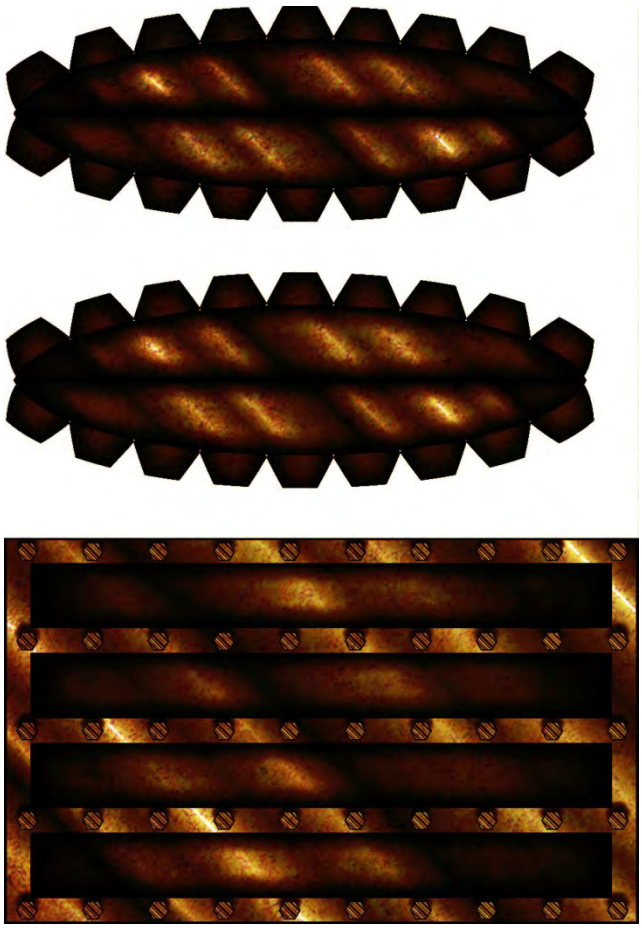

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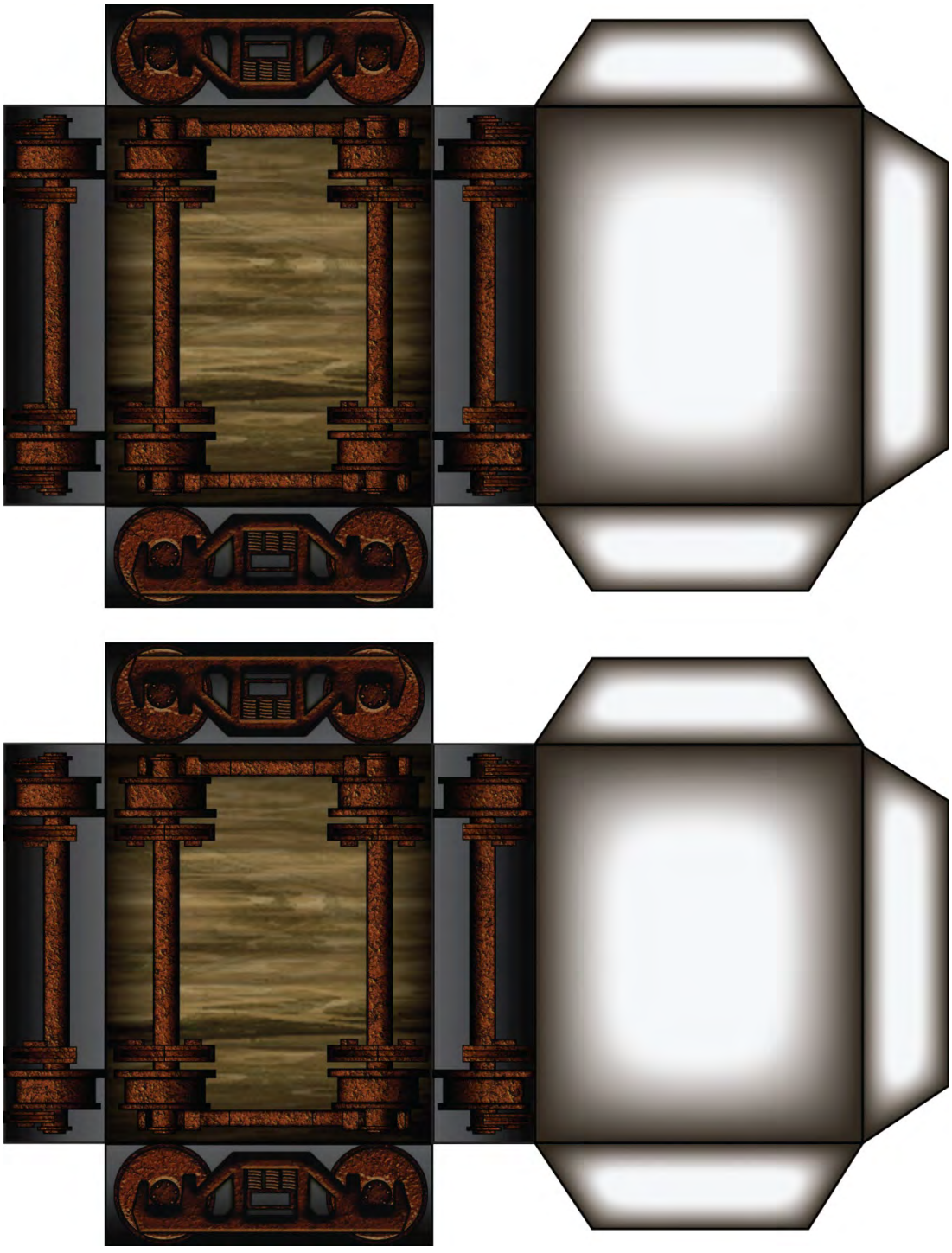

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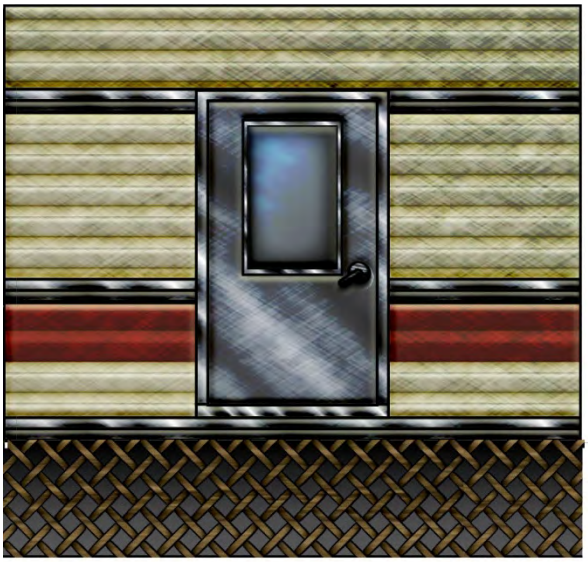

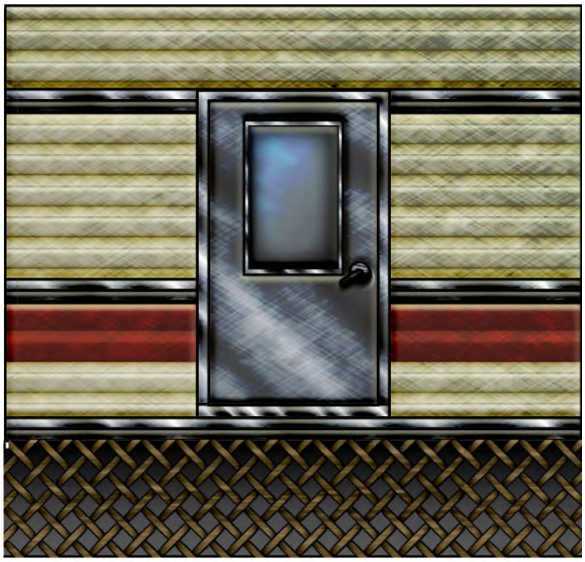

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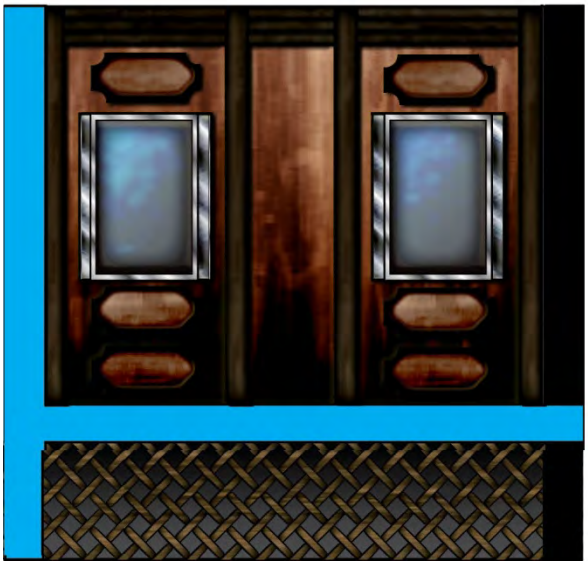

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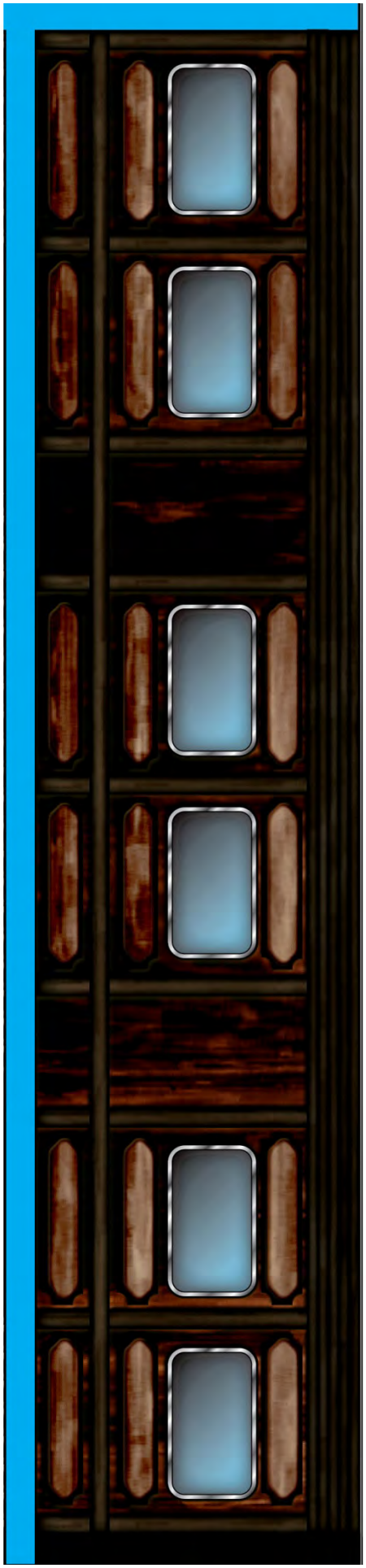

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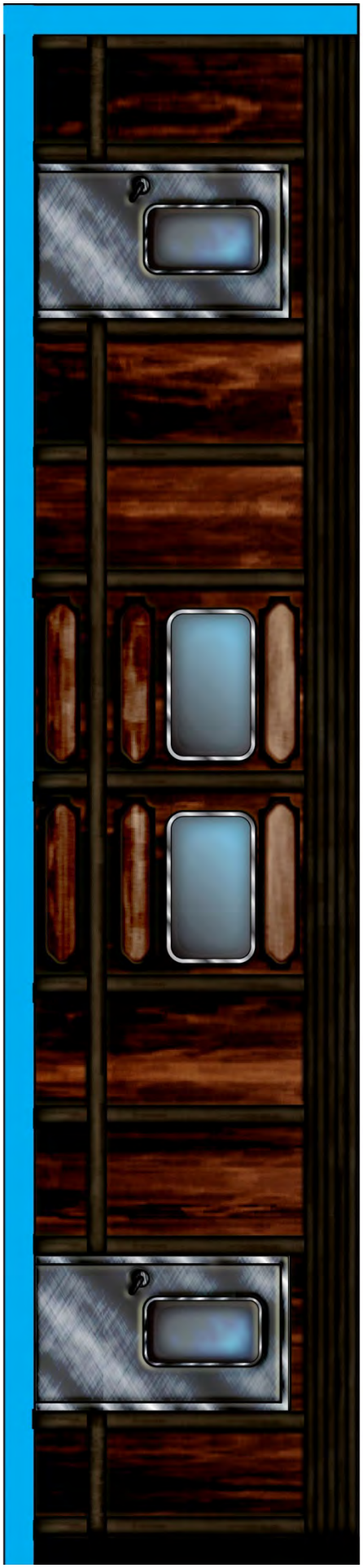

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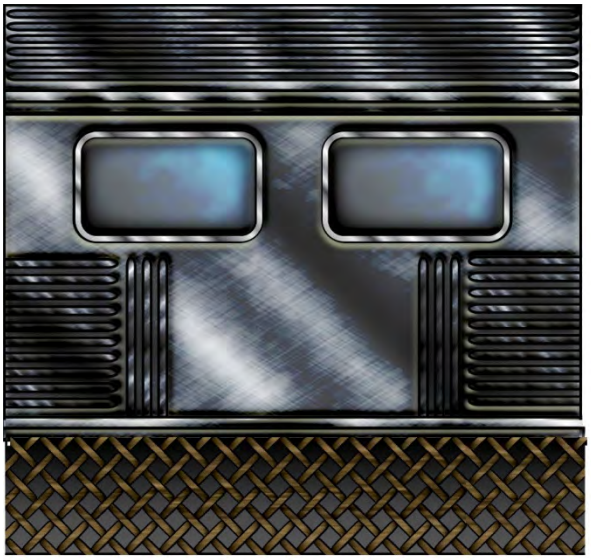

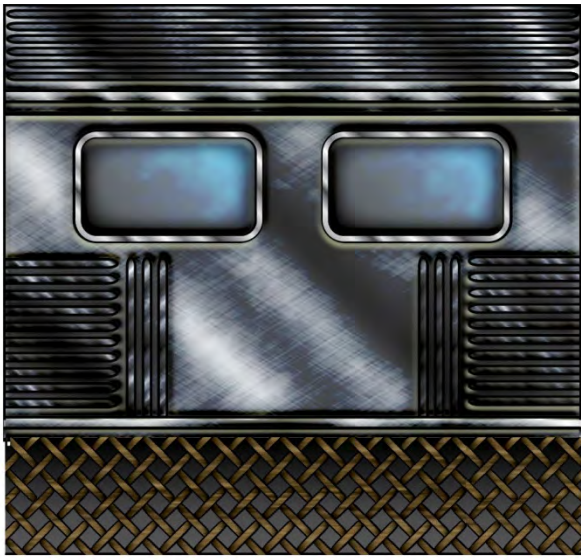

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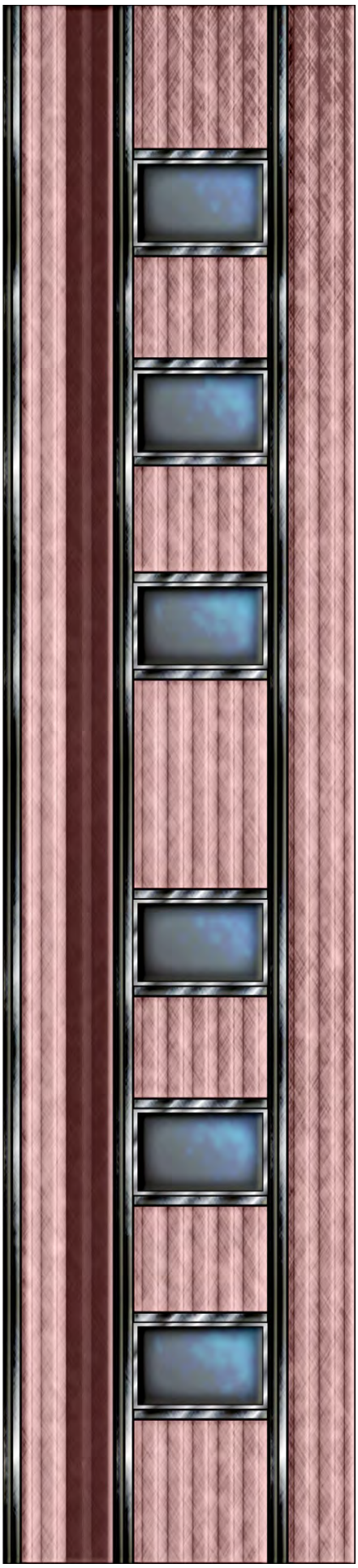

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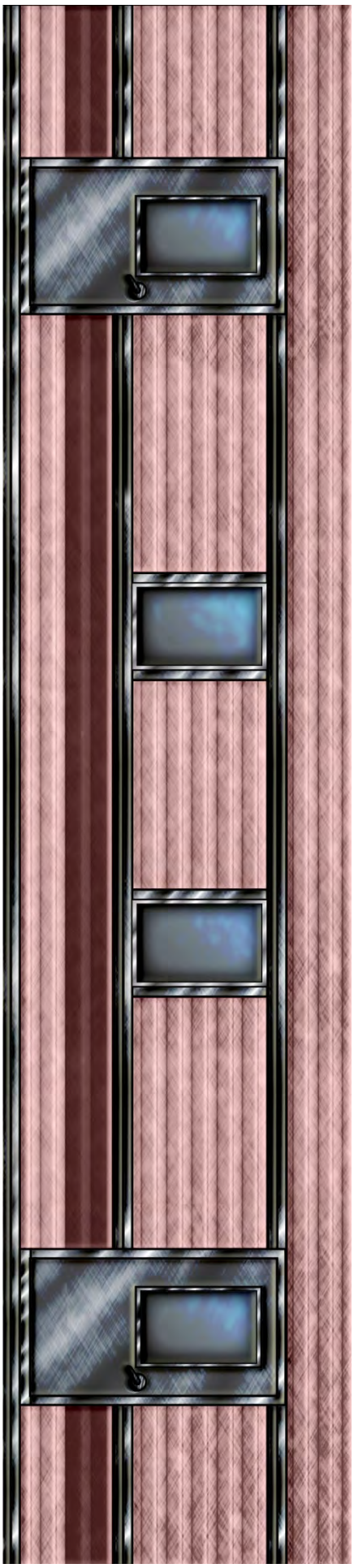

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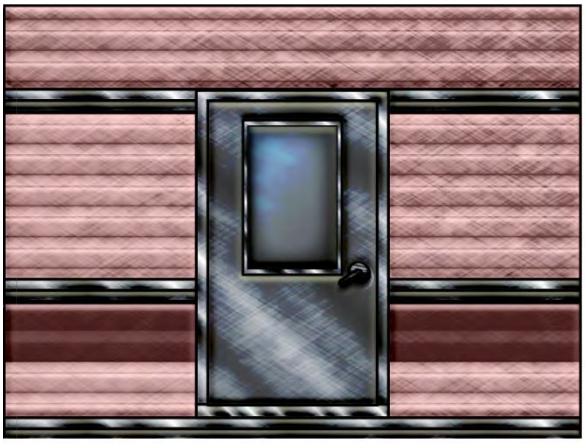

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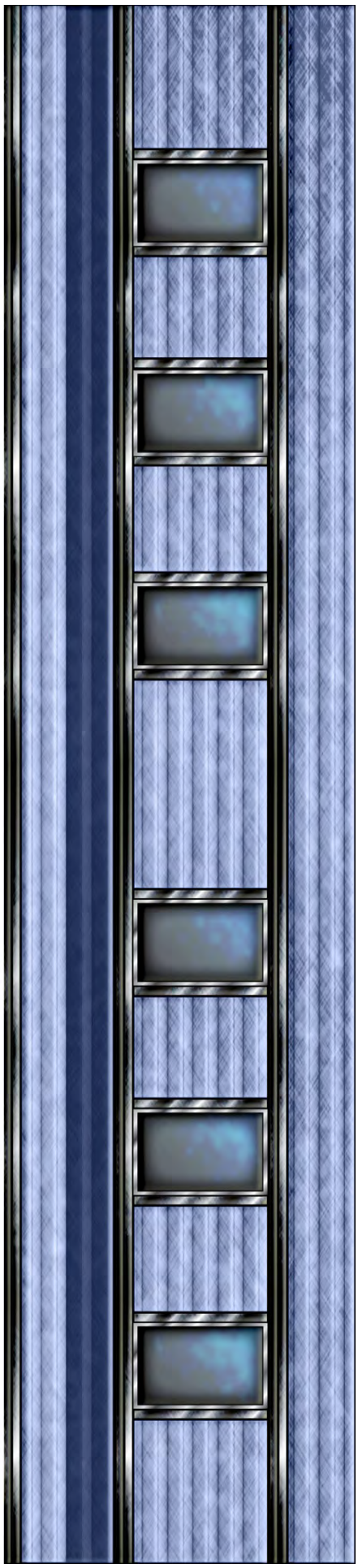

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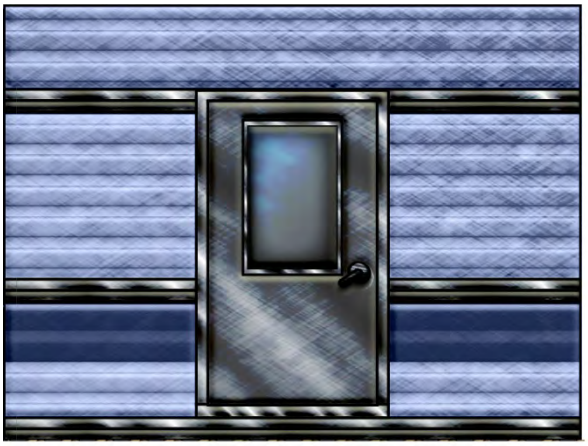

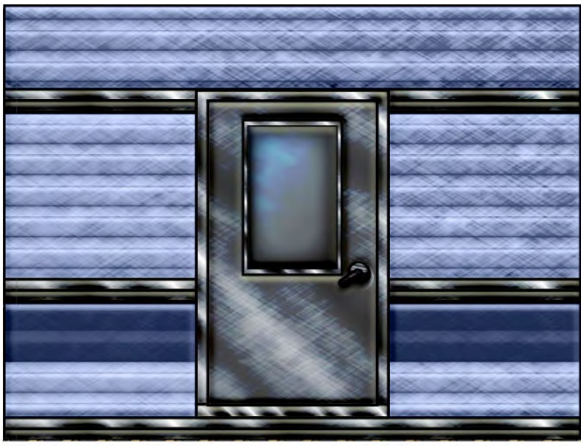

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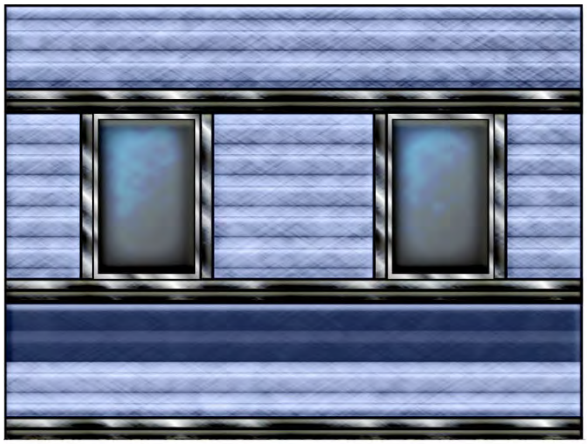

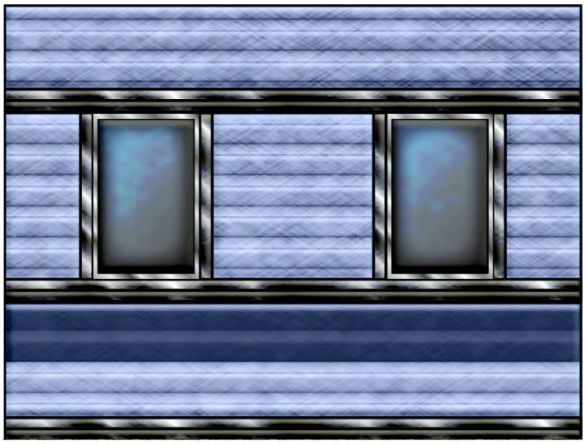

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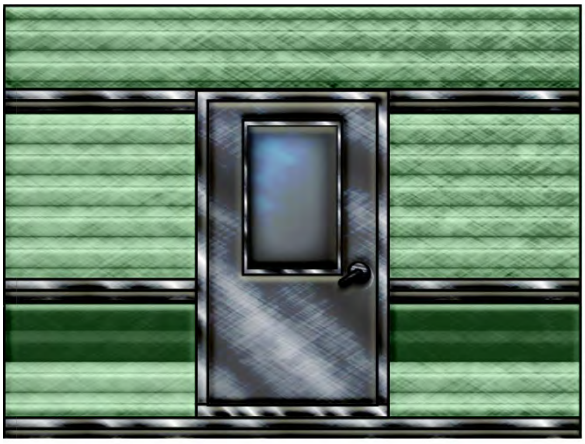

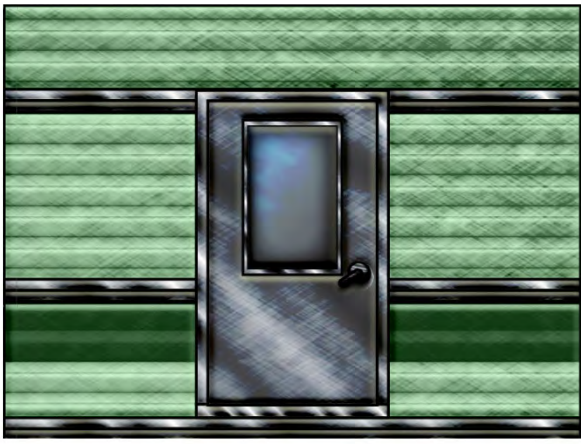

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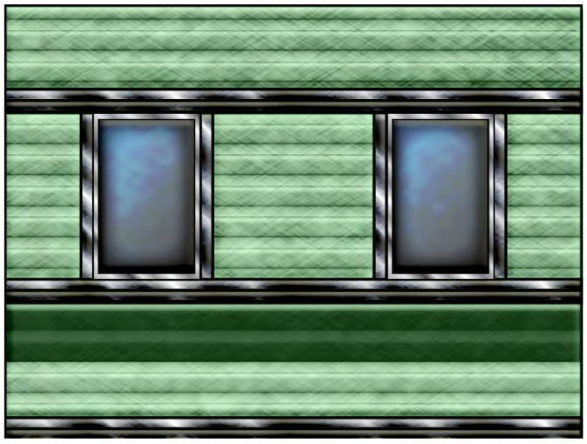

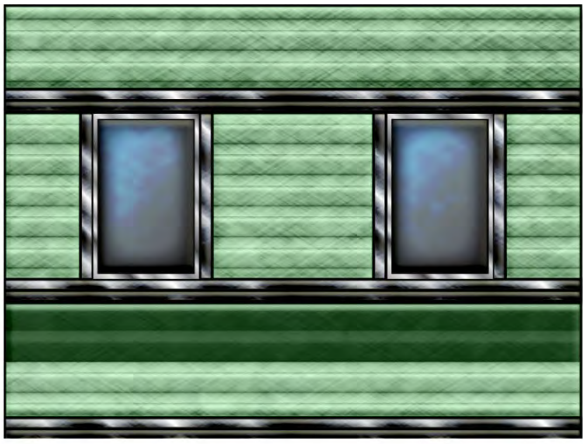

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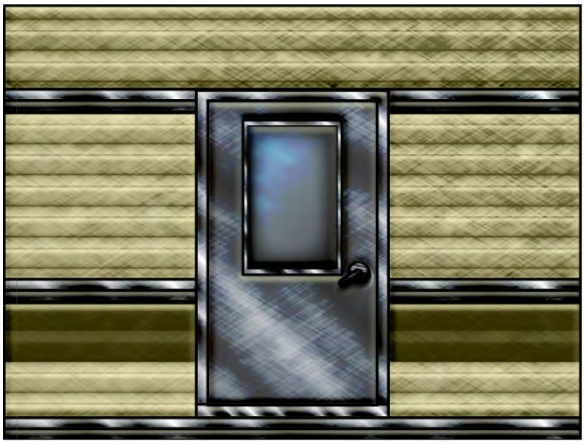

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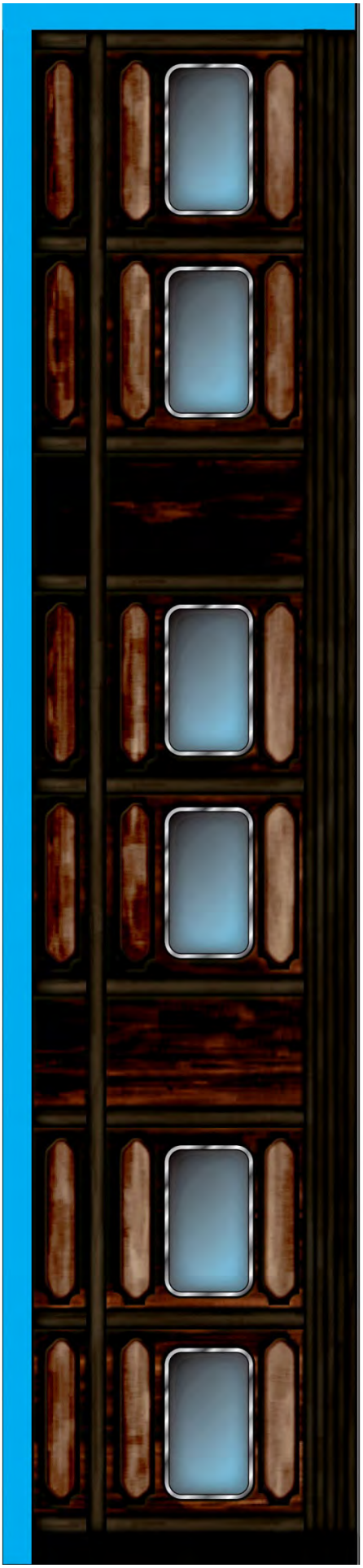

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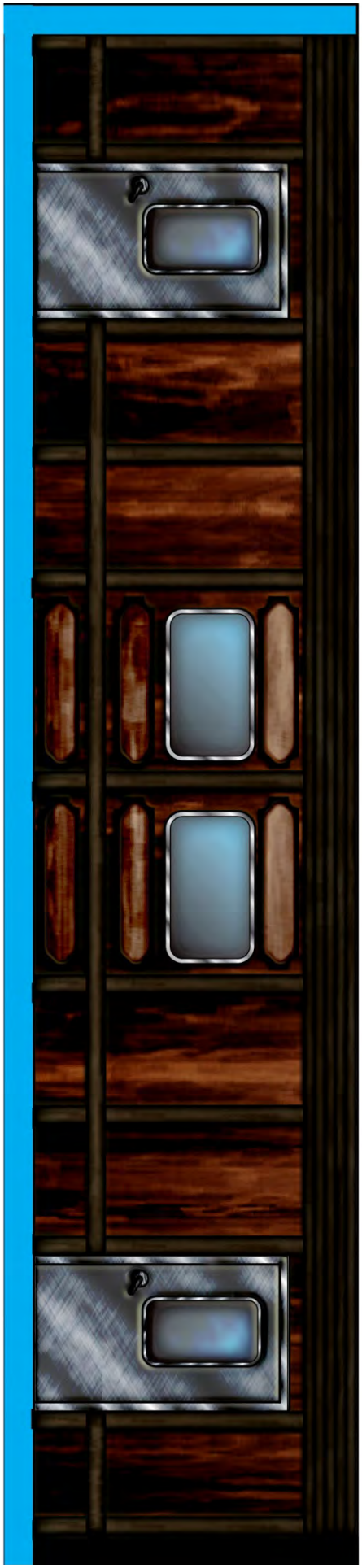

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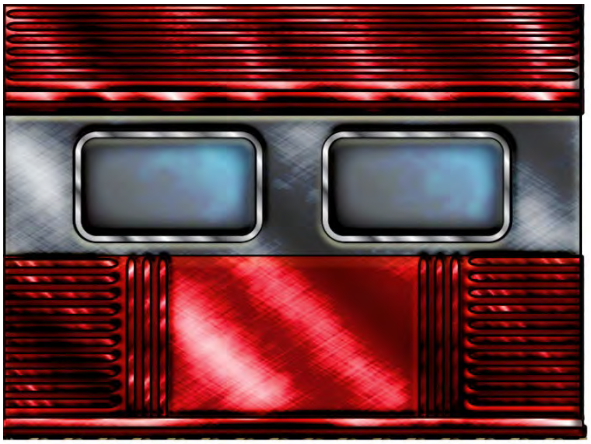

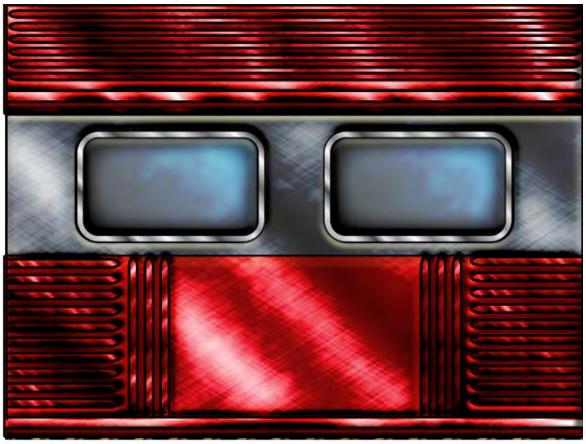

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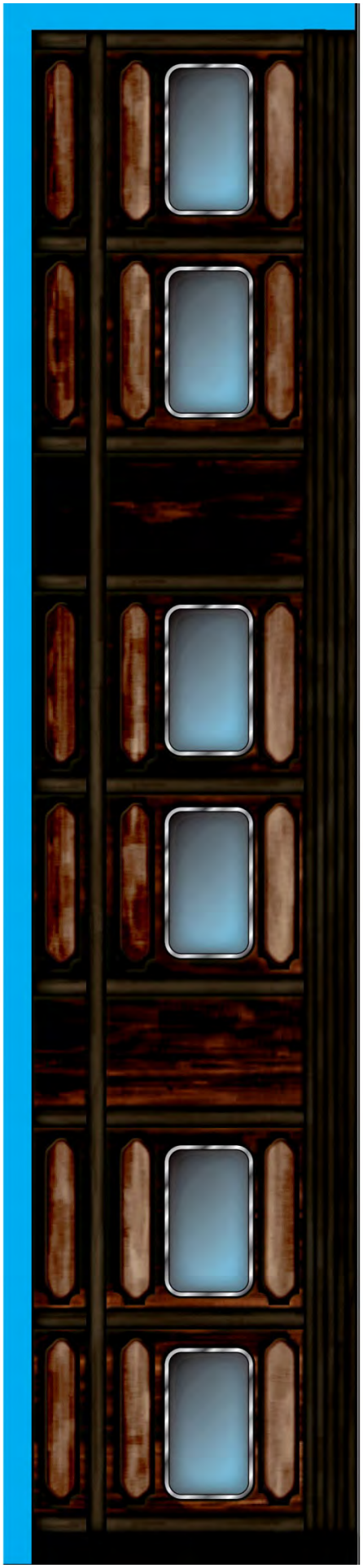

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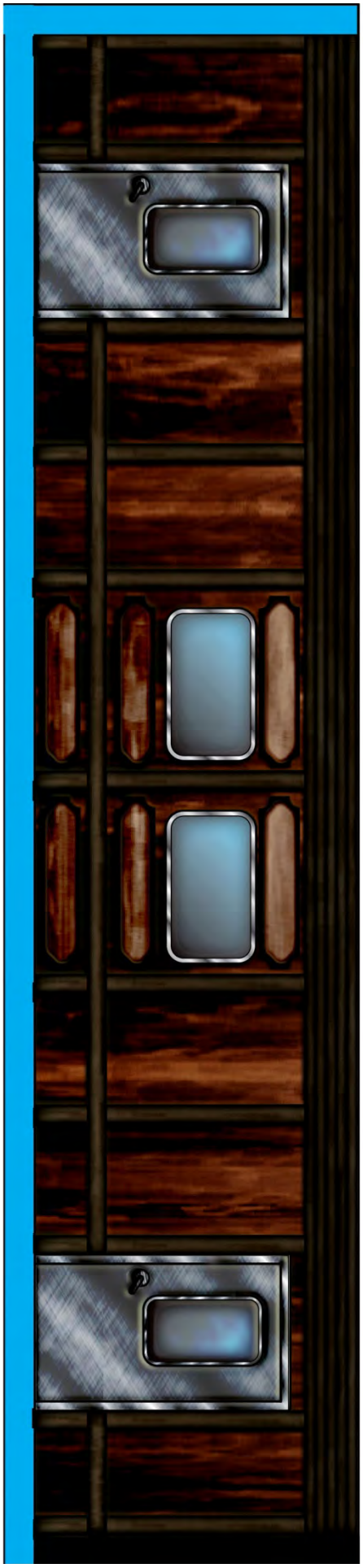

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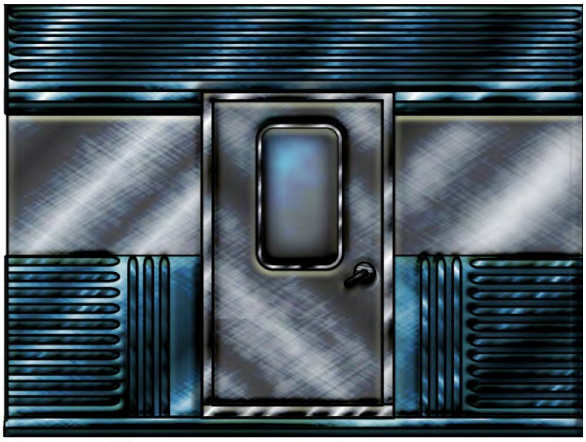

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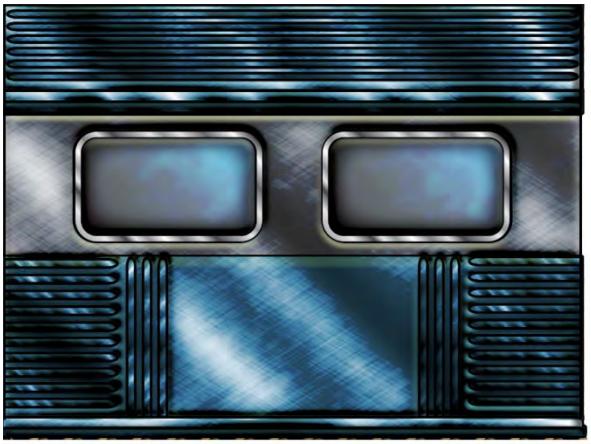

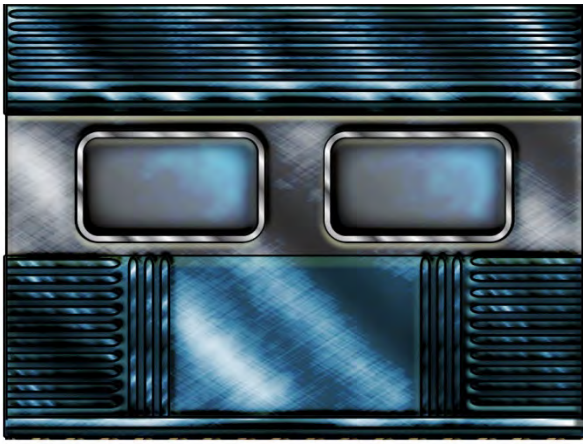

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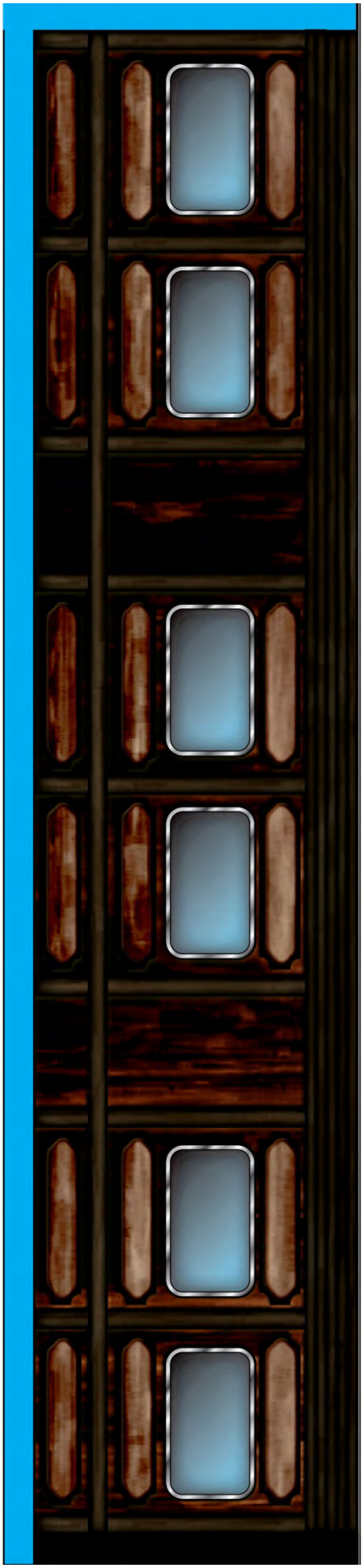

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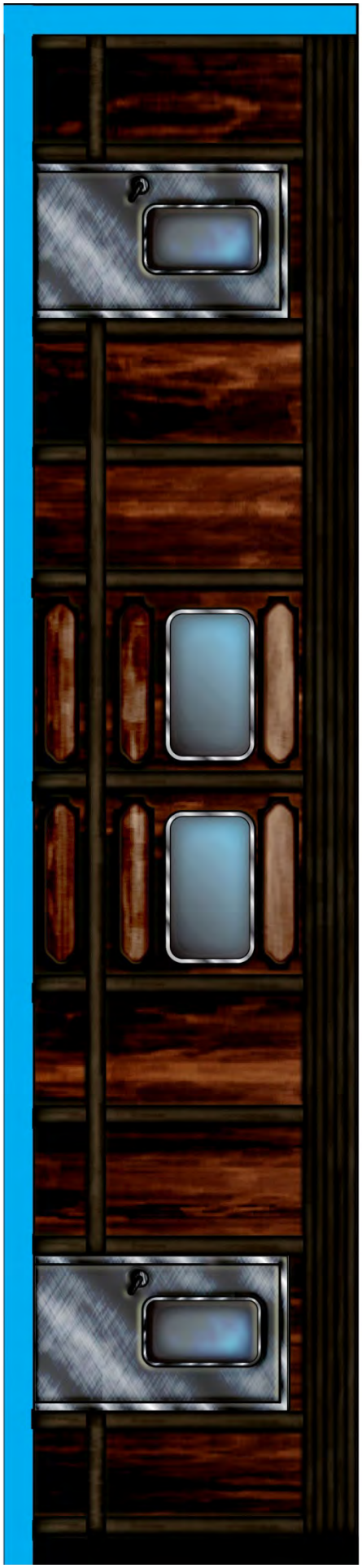

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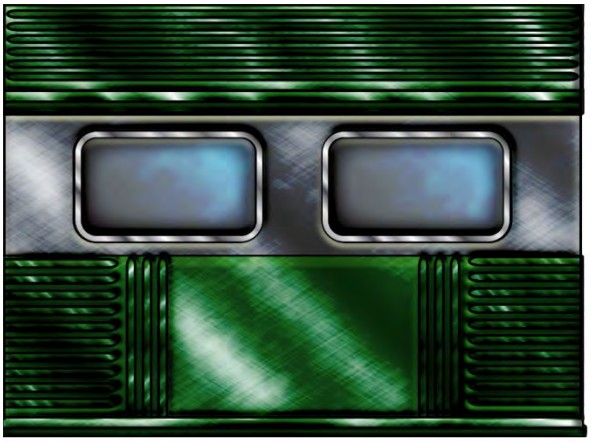

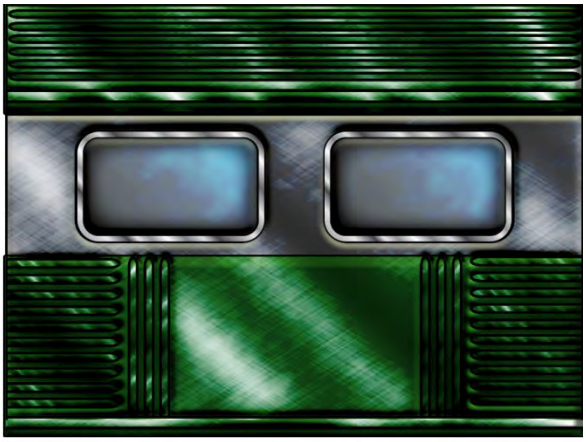

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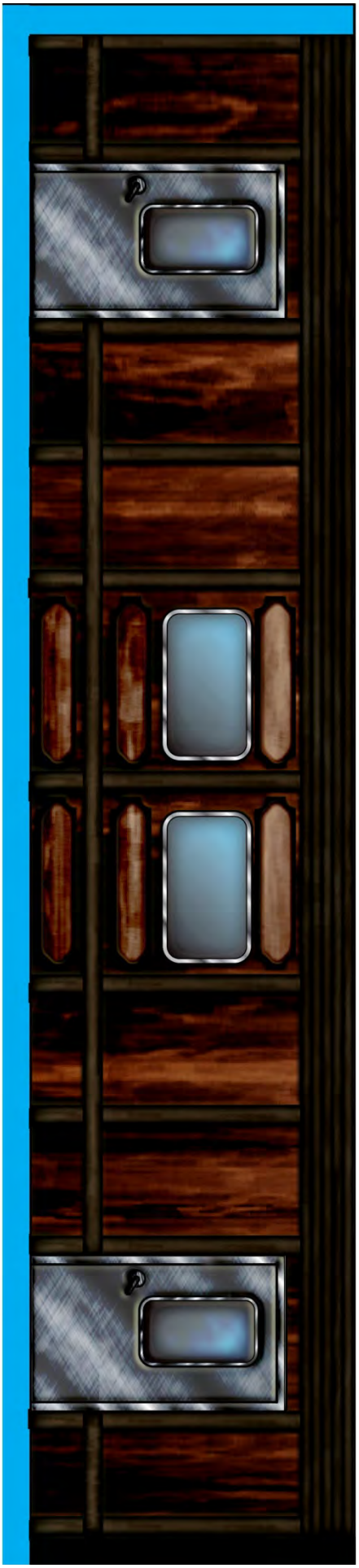

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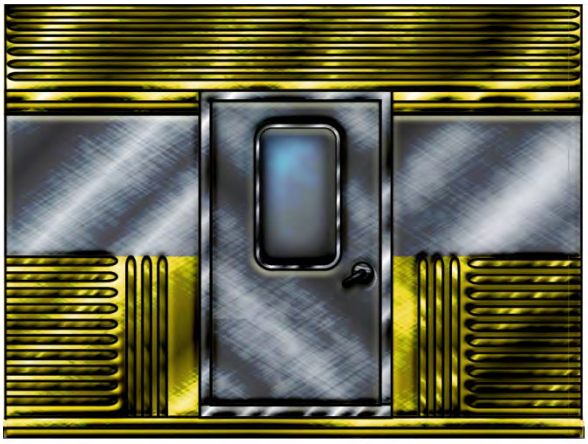

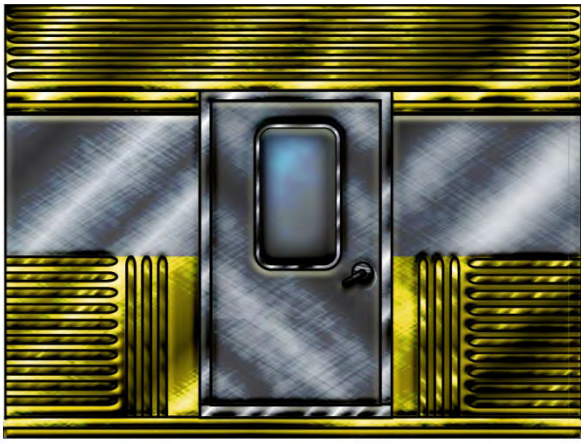

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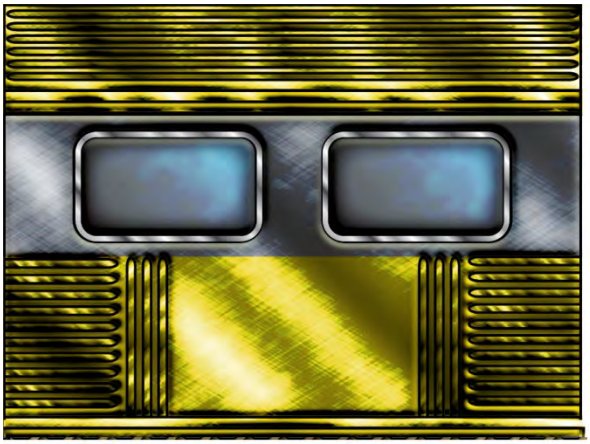

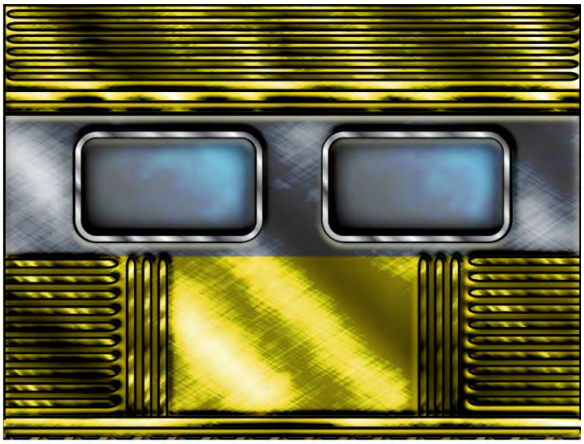

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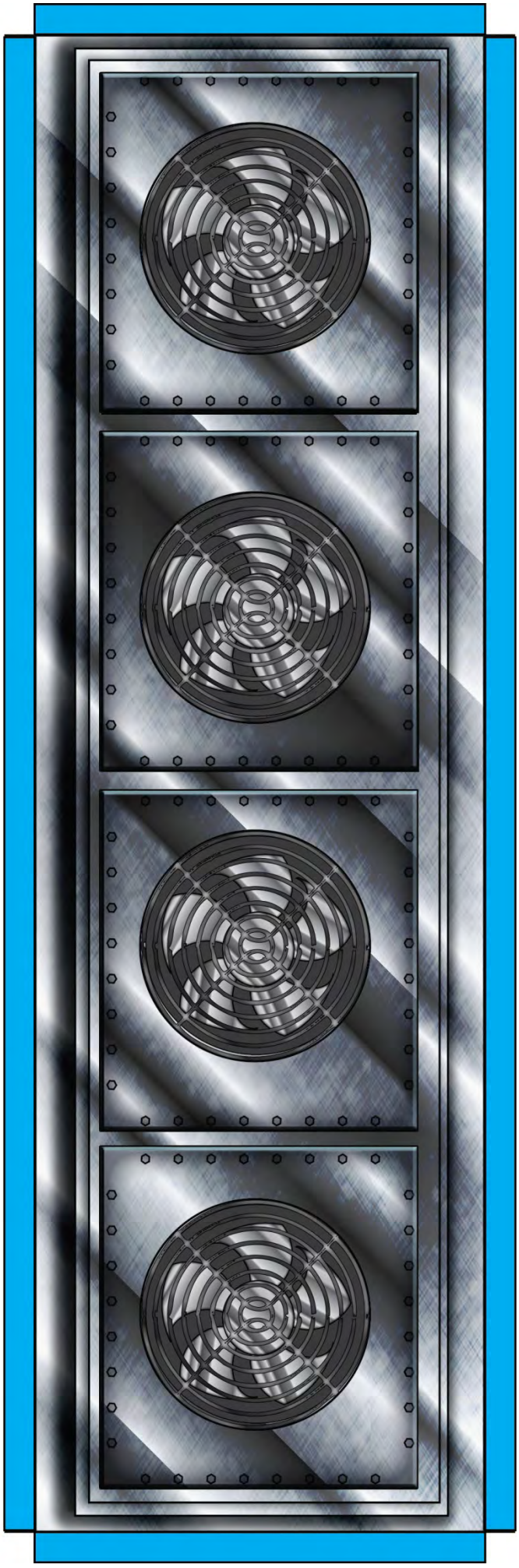

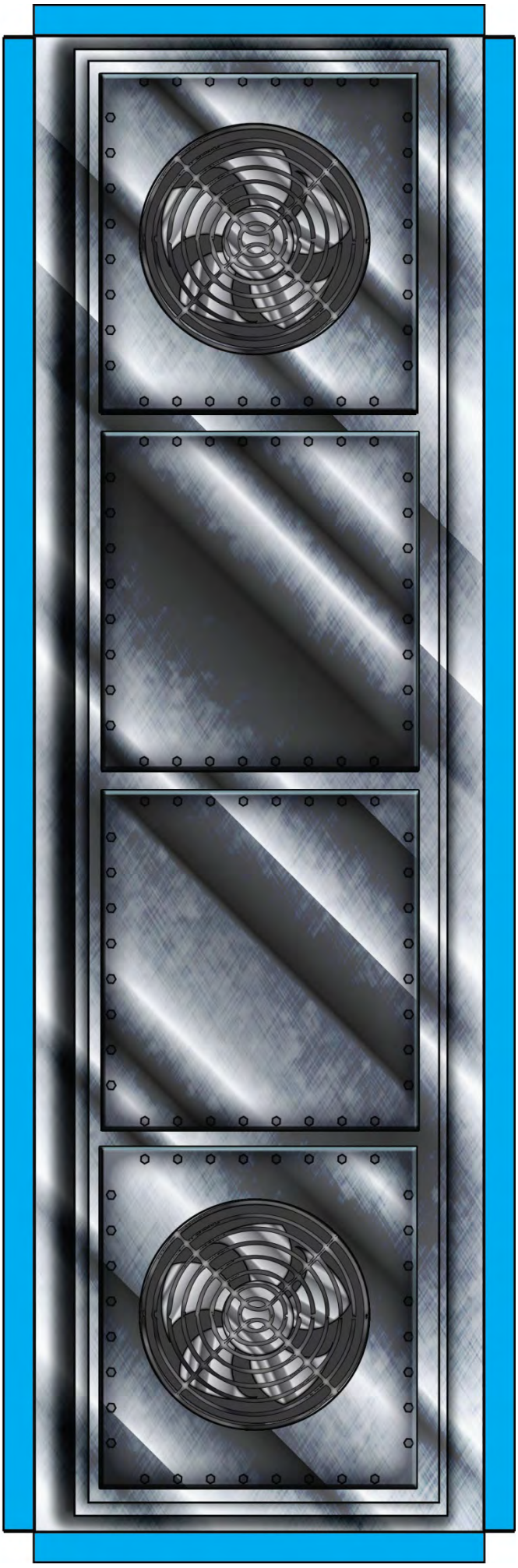

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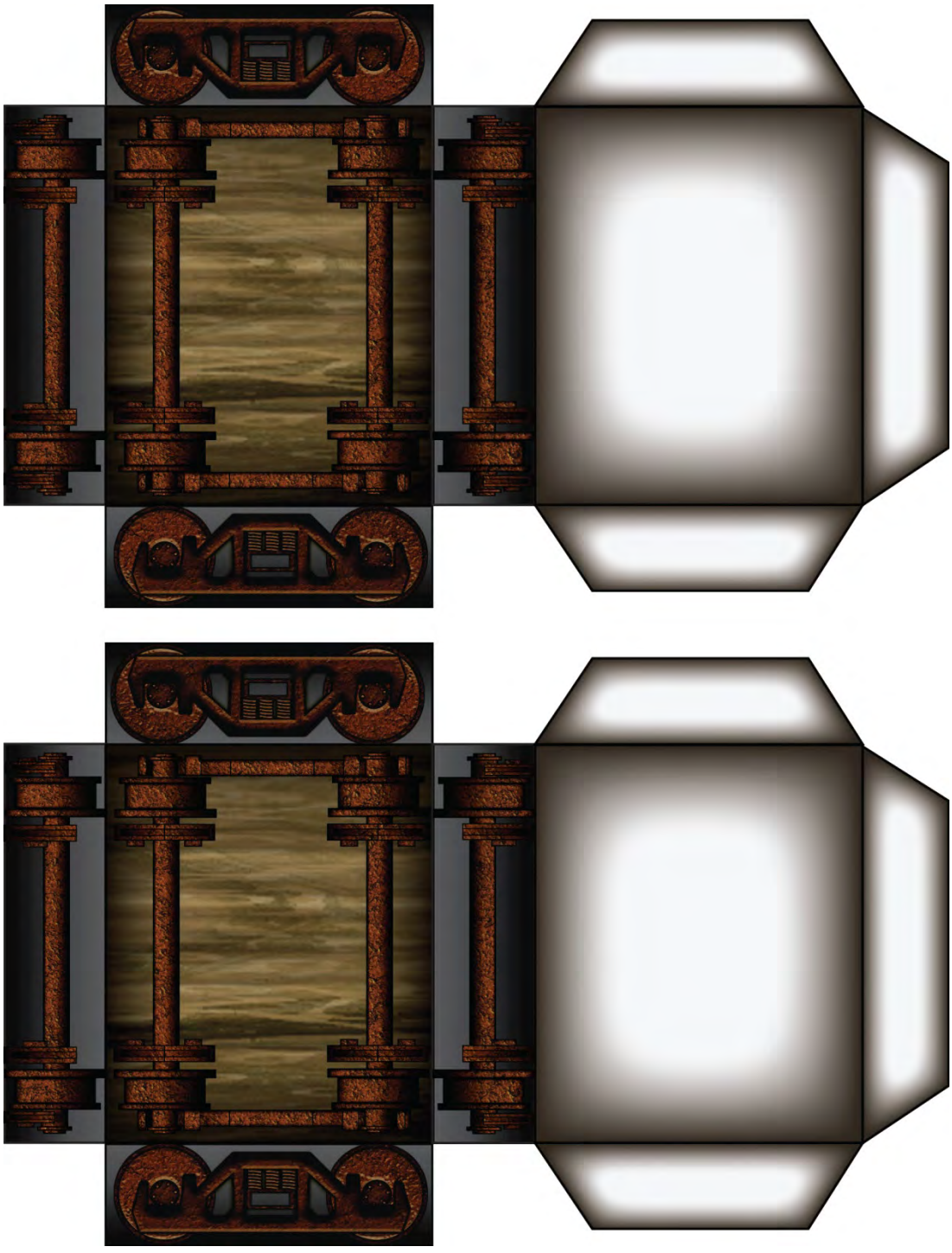

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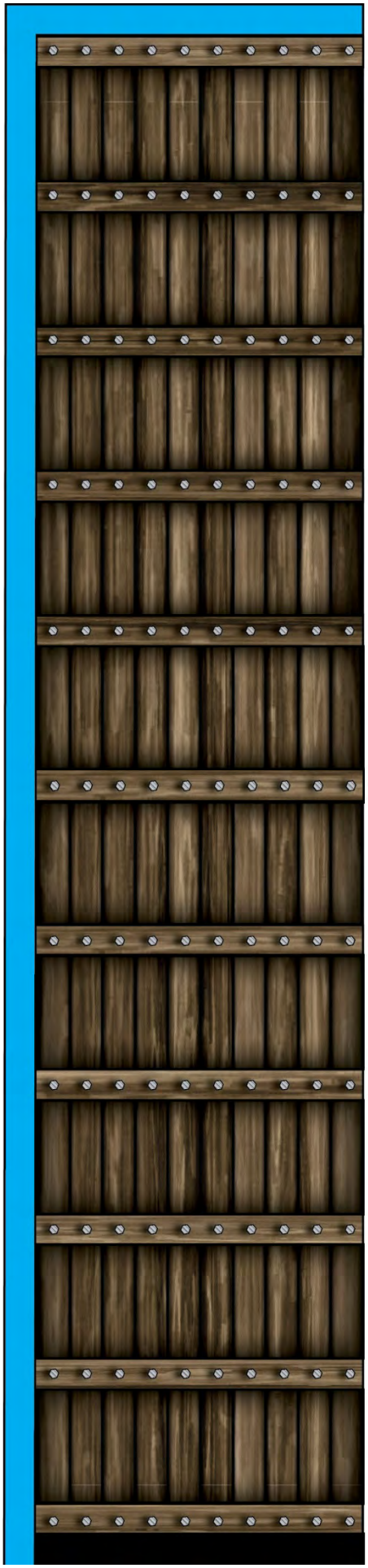

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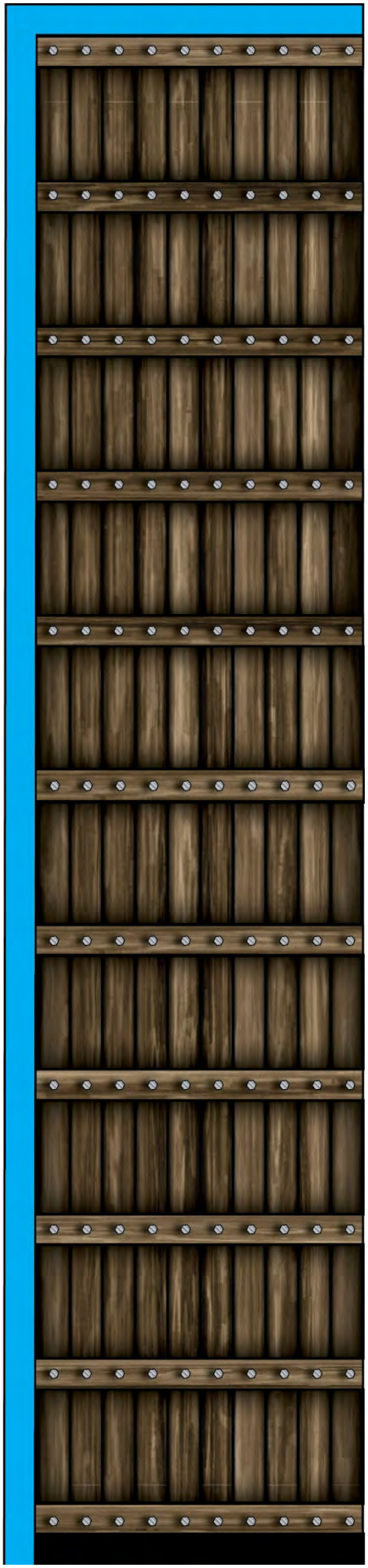

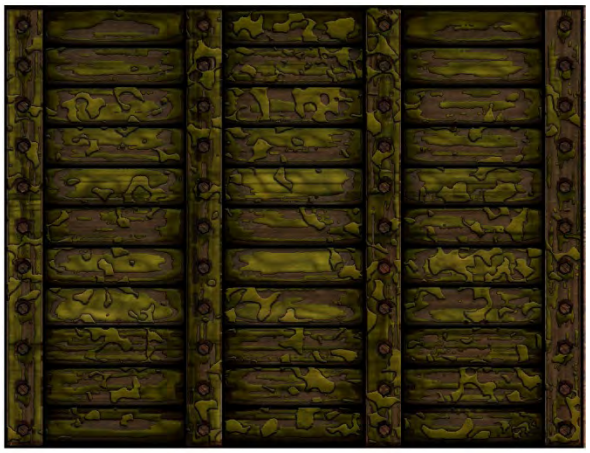

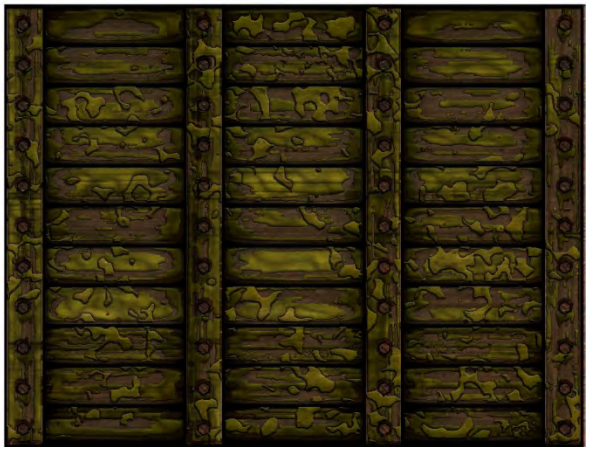

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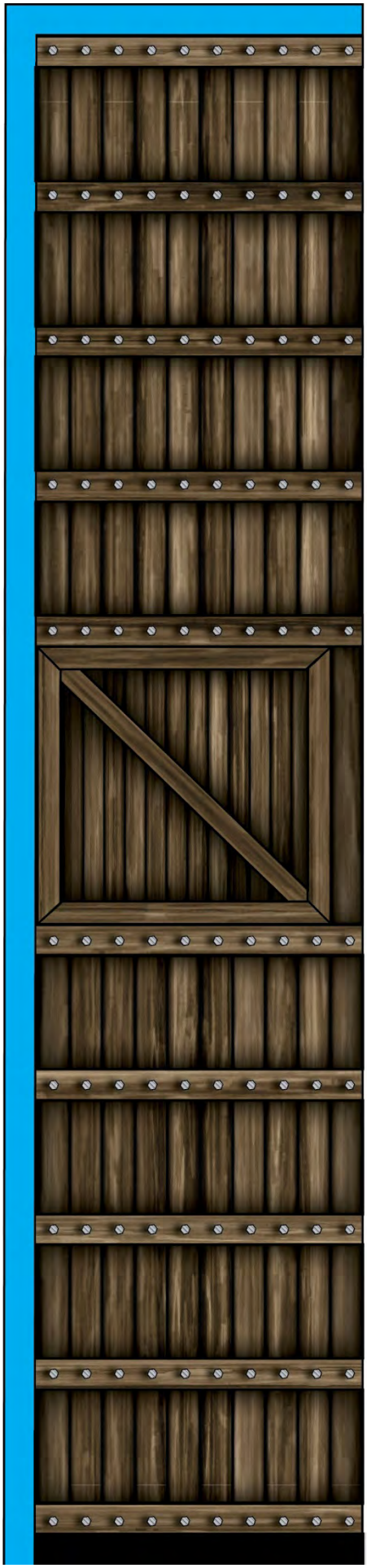

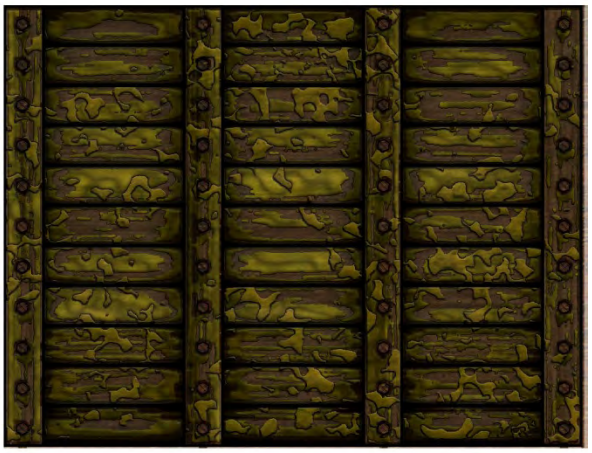

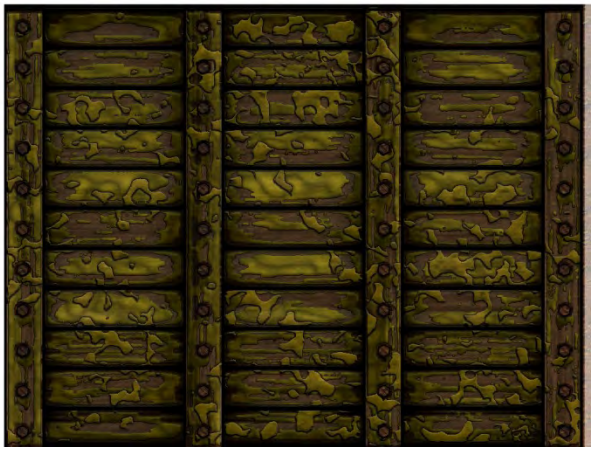

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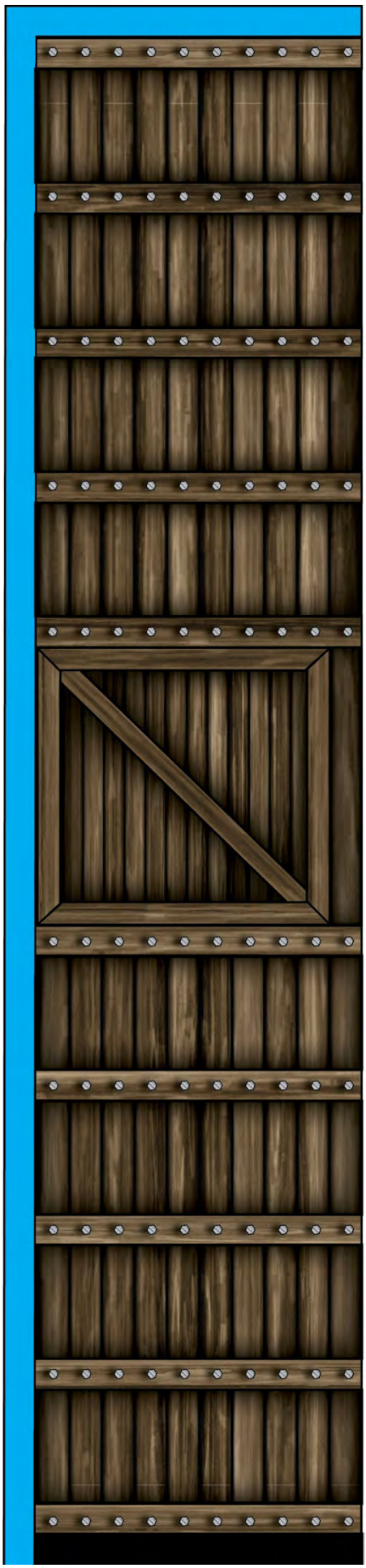

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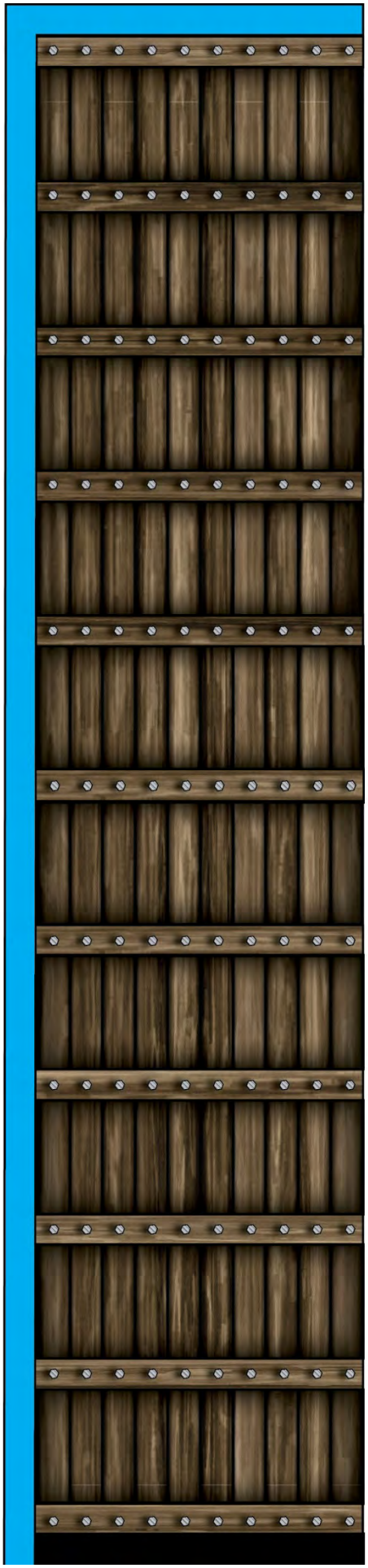

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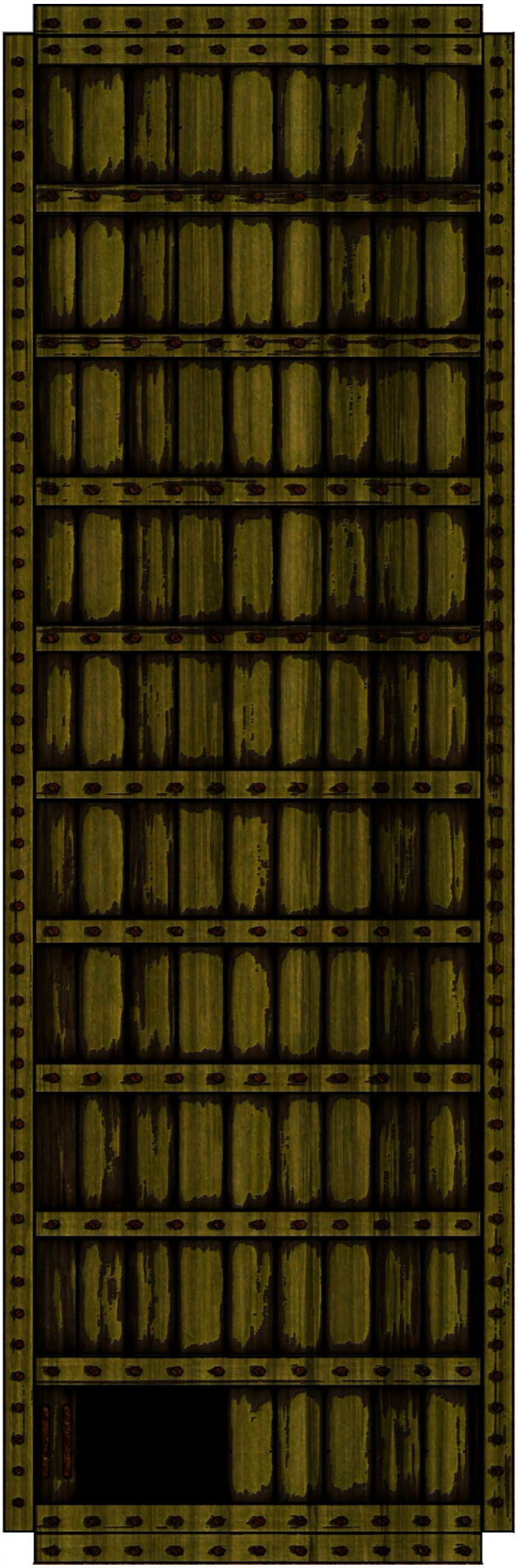

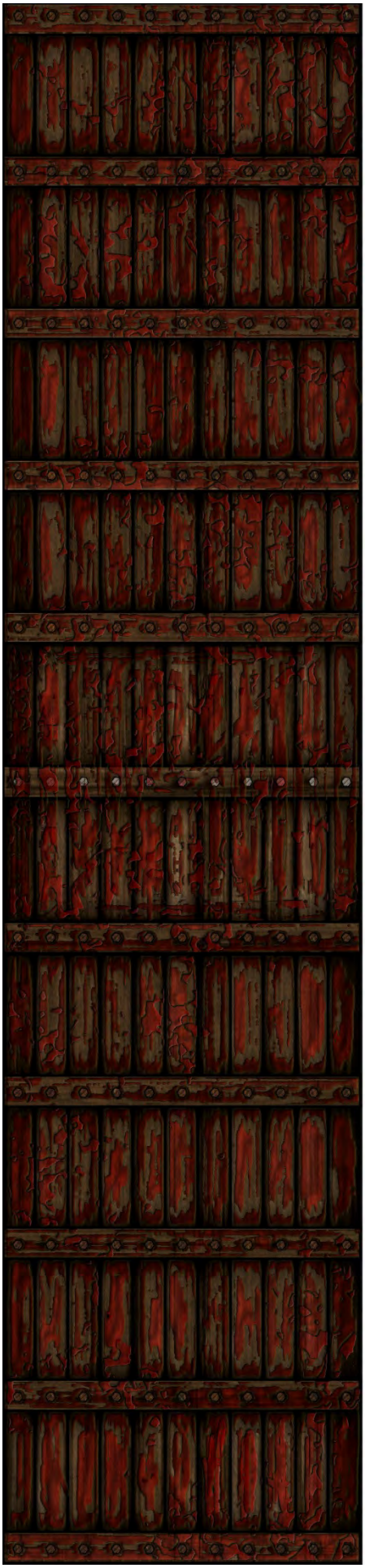

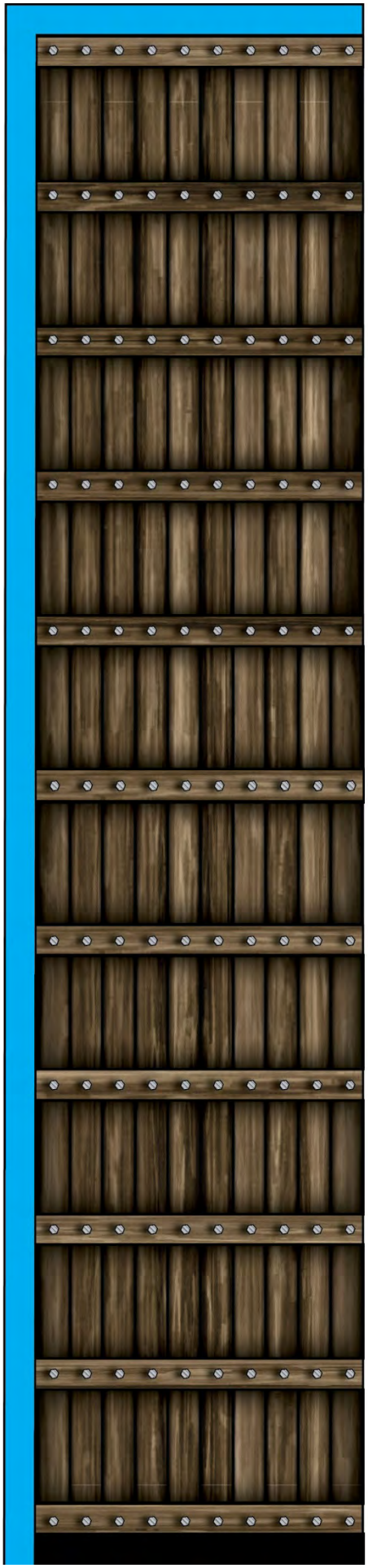

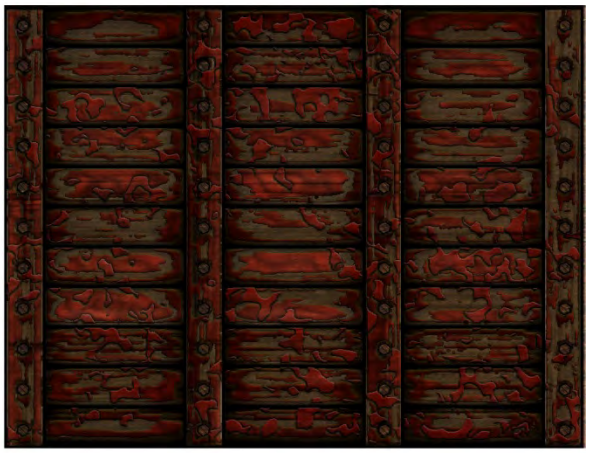

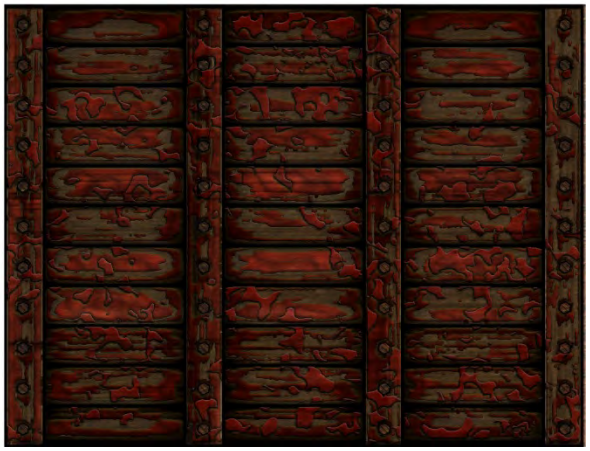

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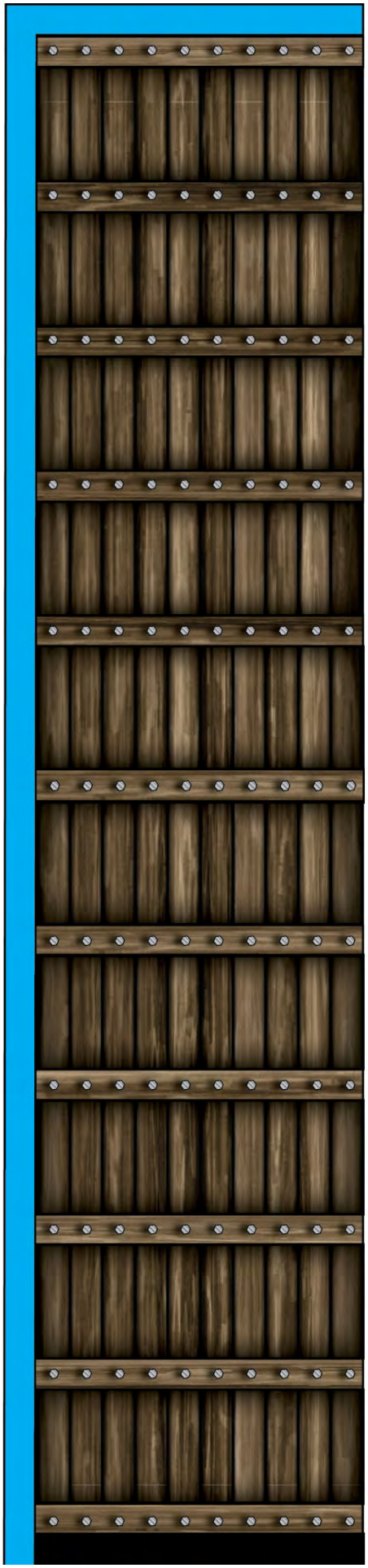

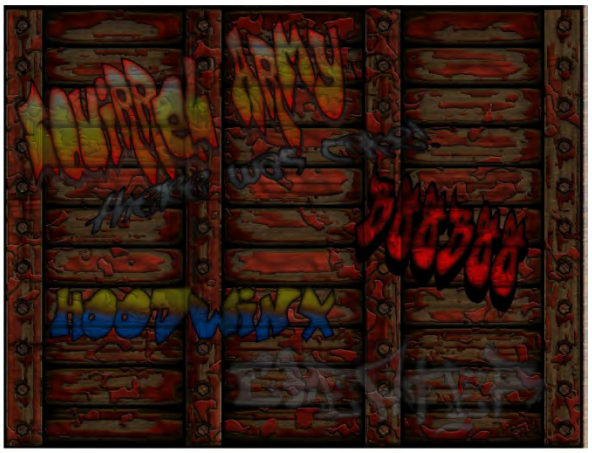

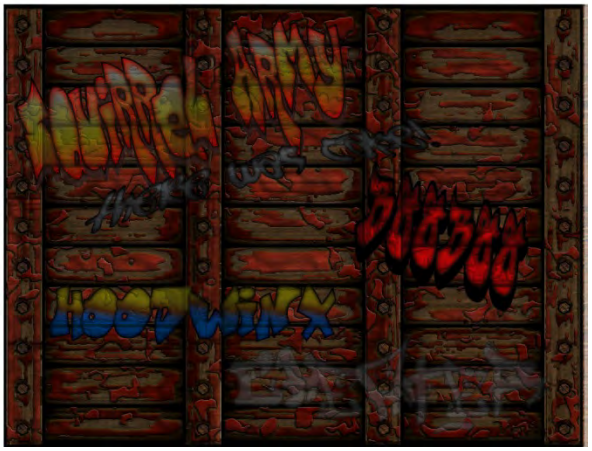

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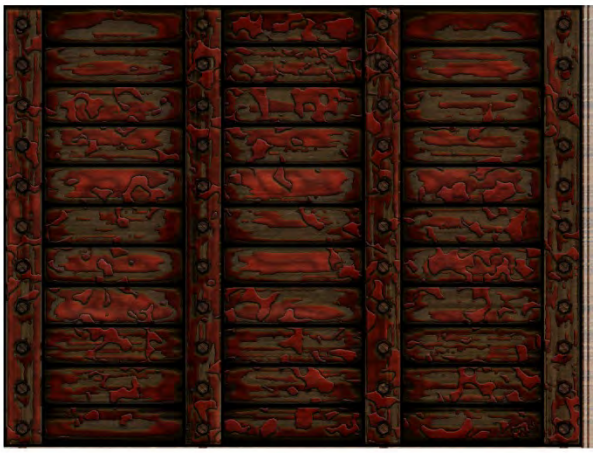

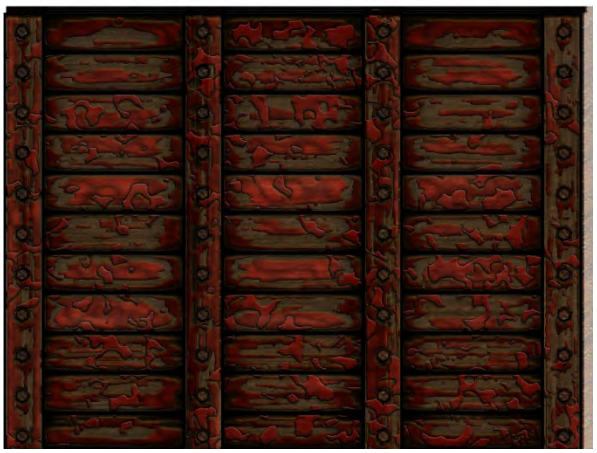

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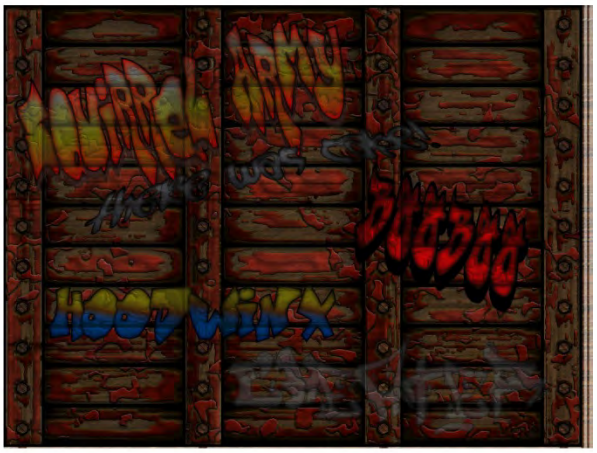

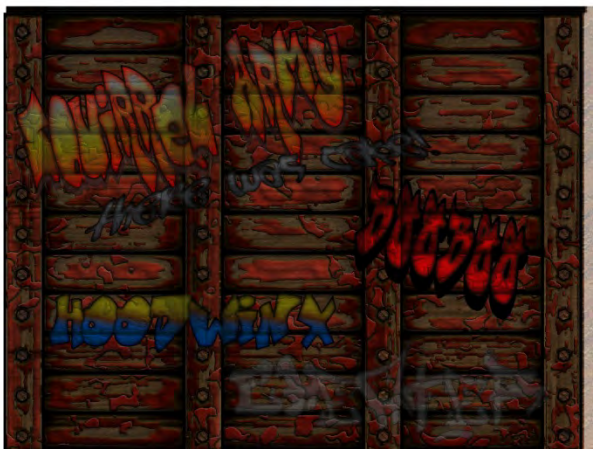

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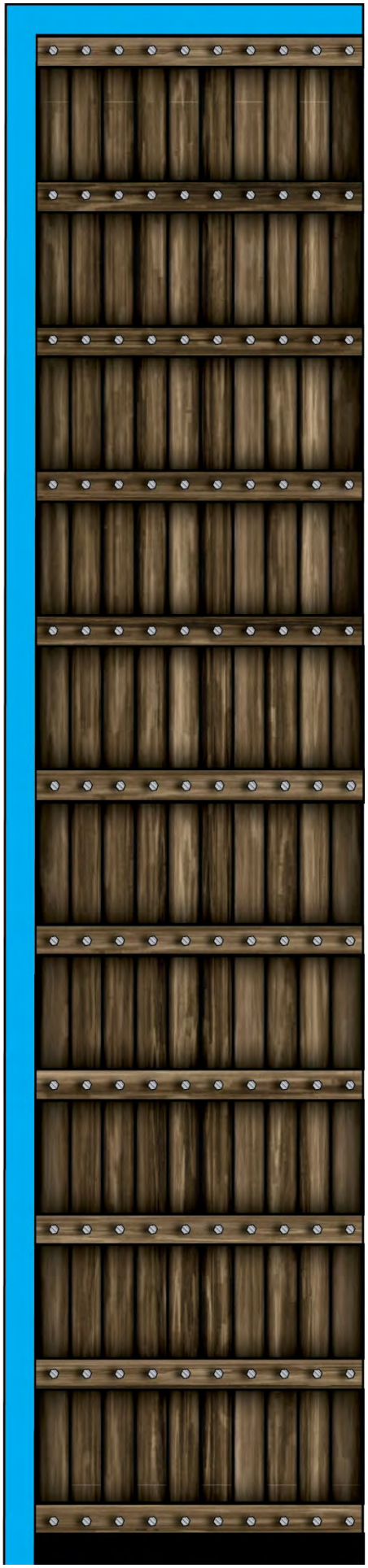

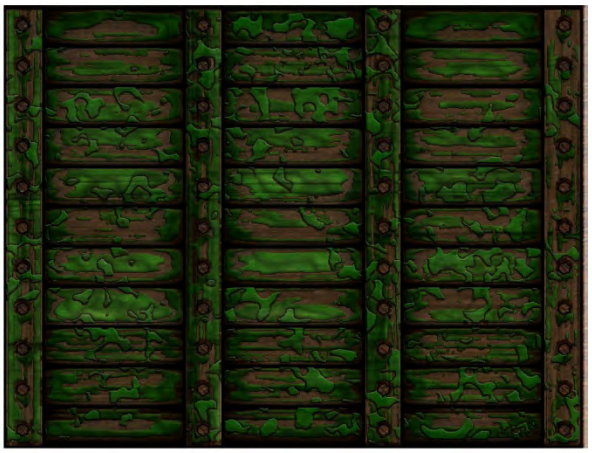

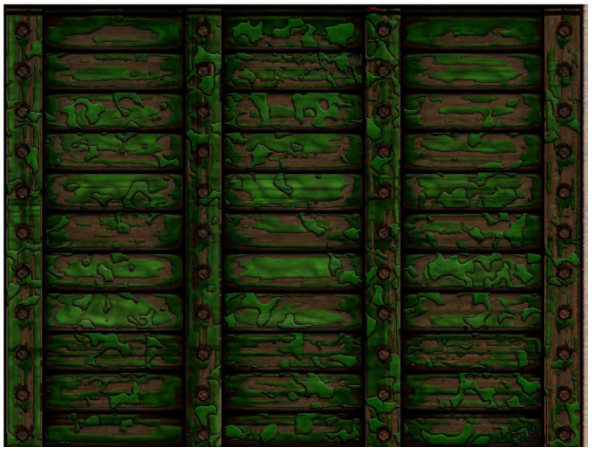

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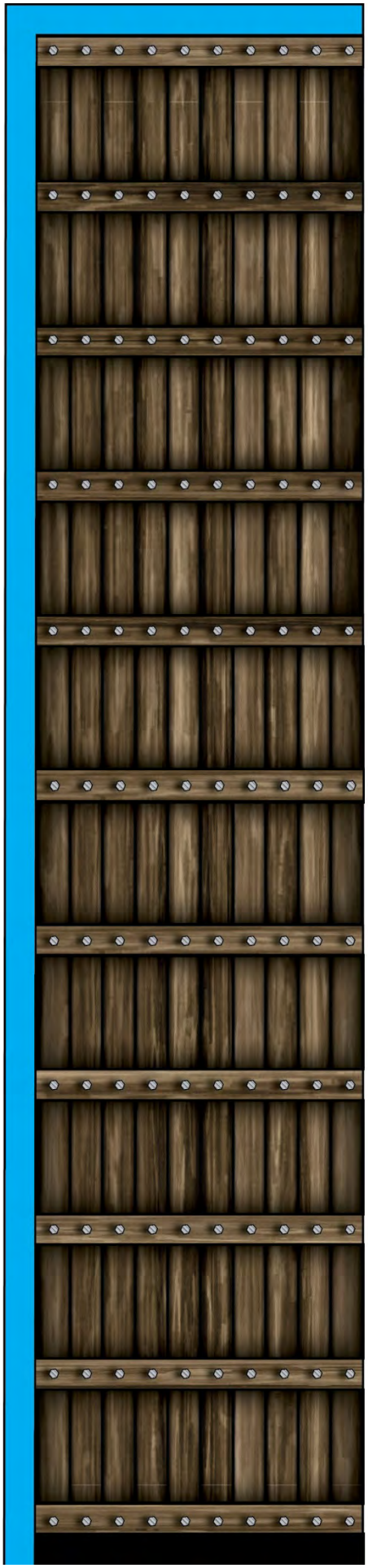

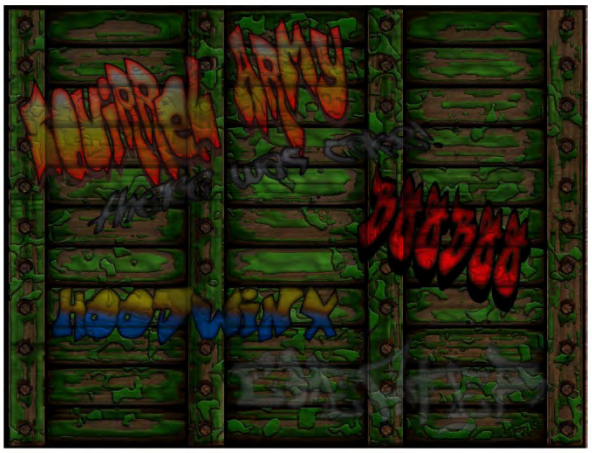

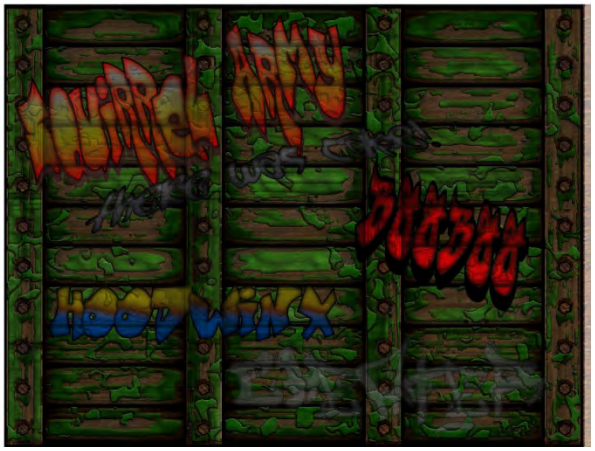

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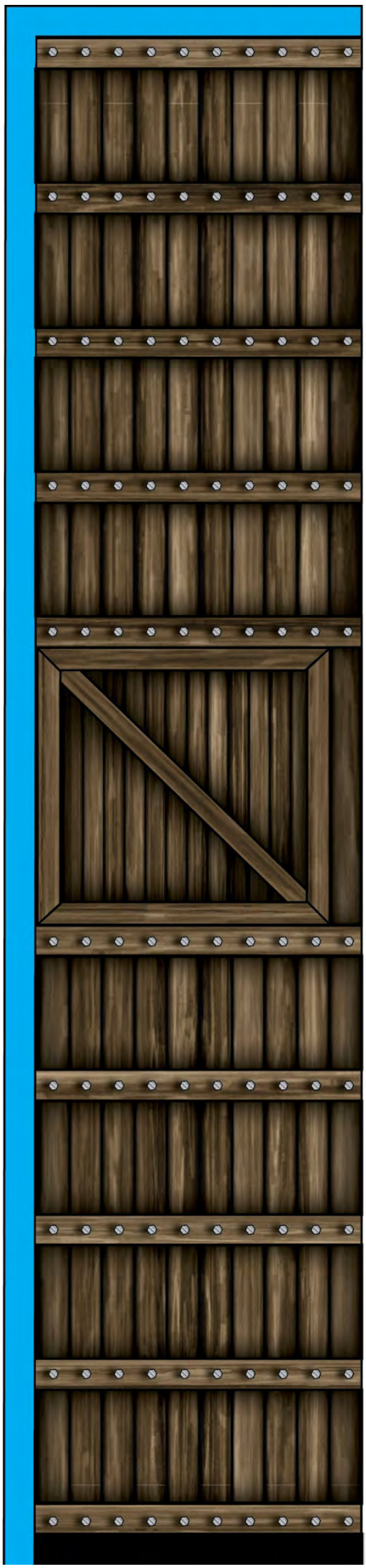

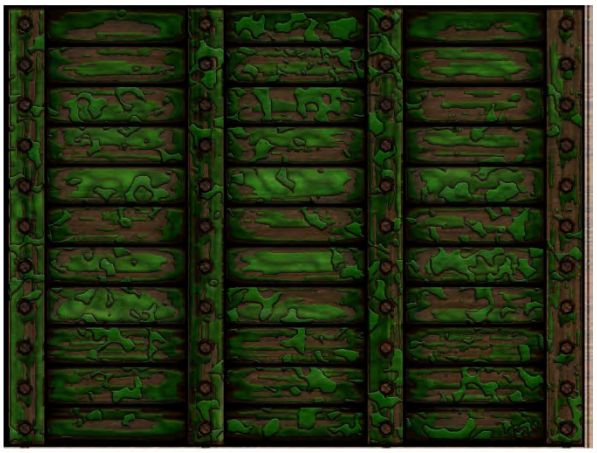

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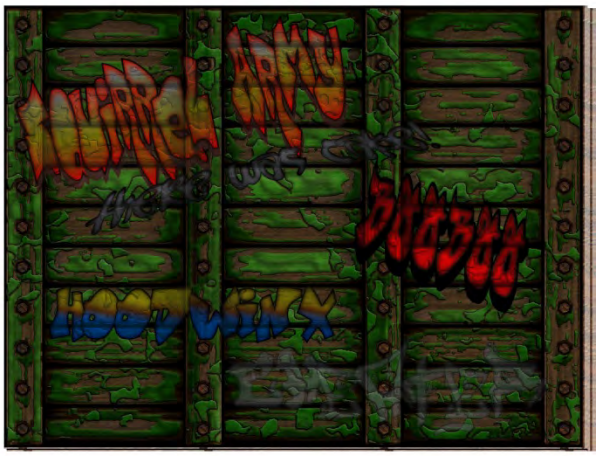

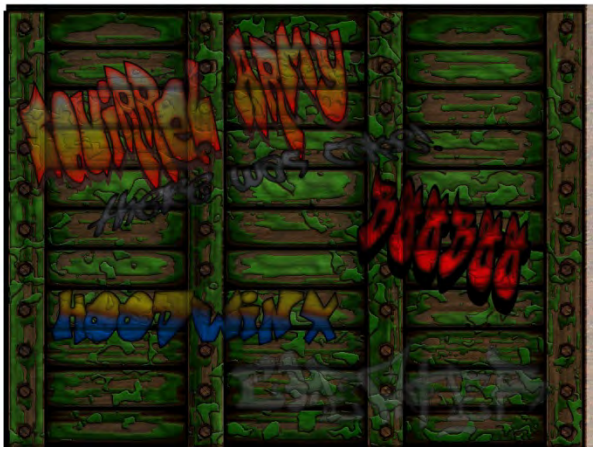

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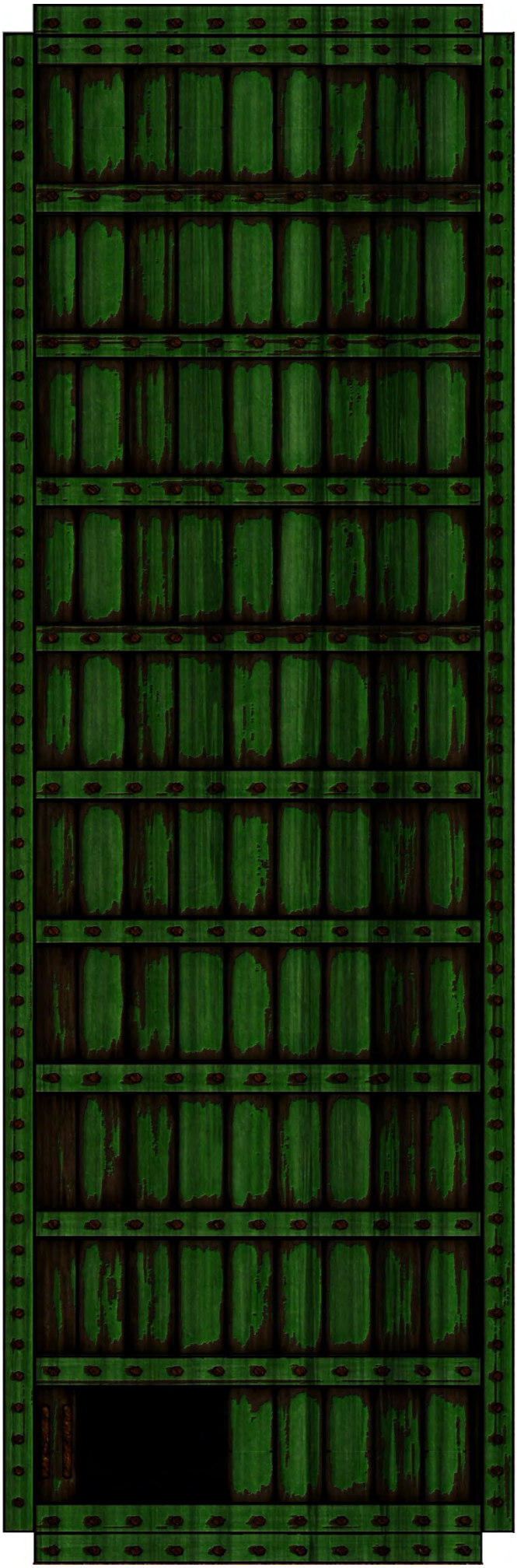

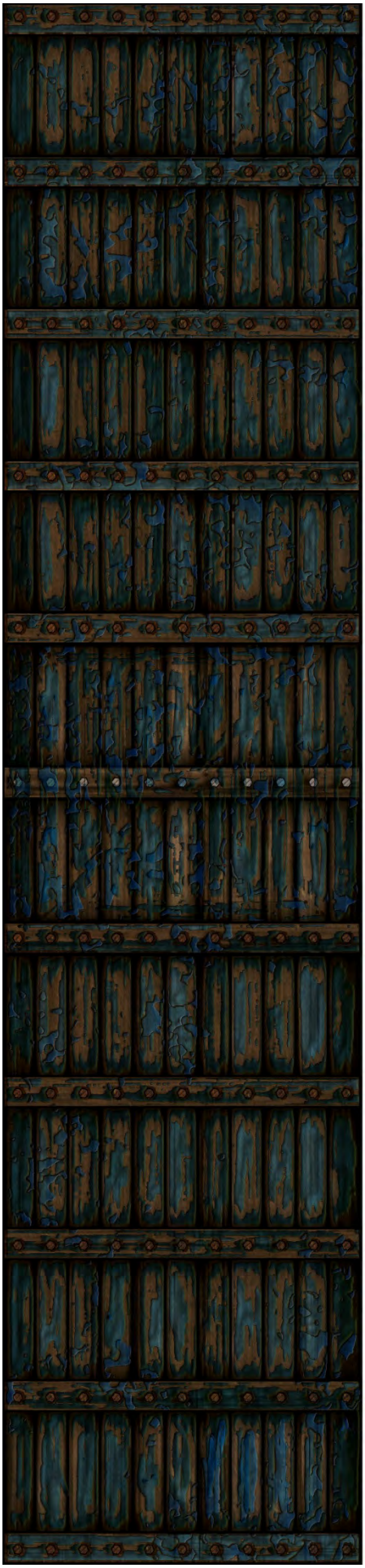

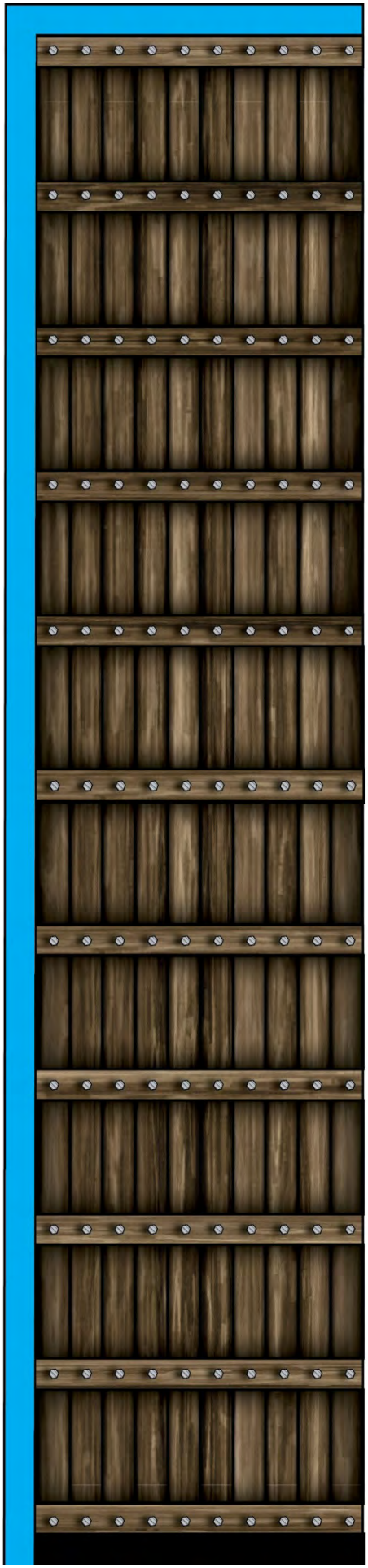

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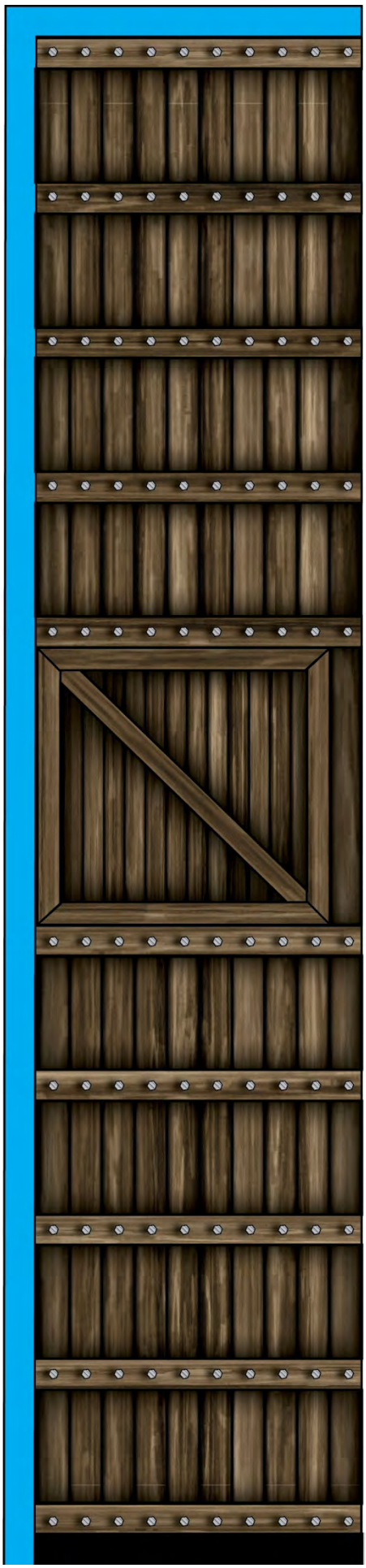

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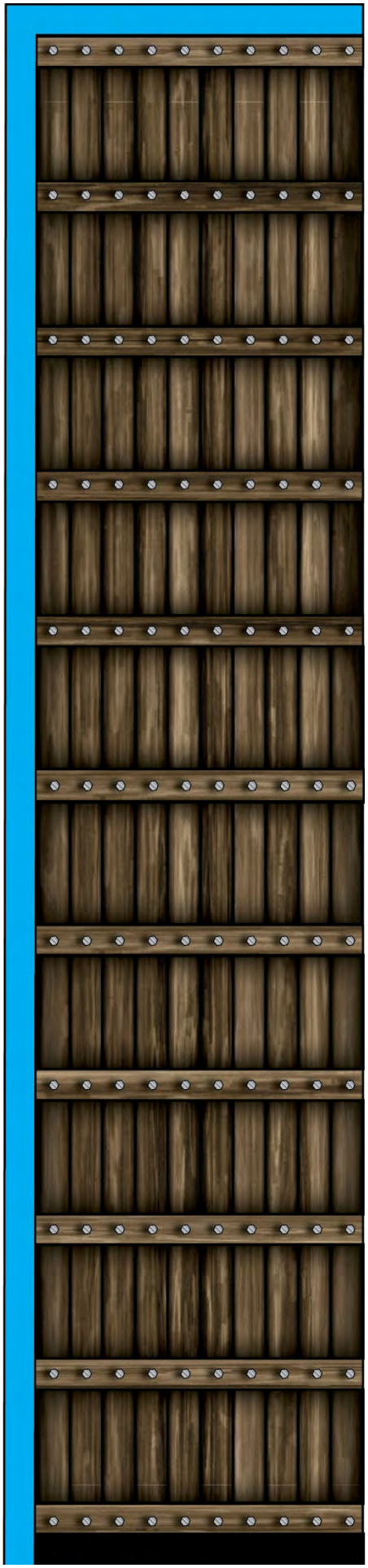

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Ground Tiles

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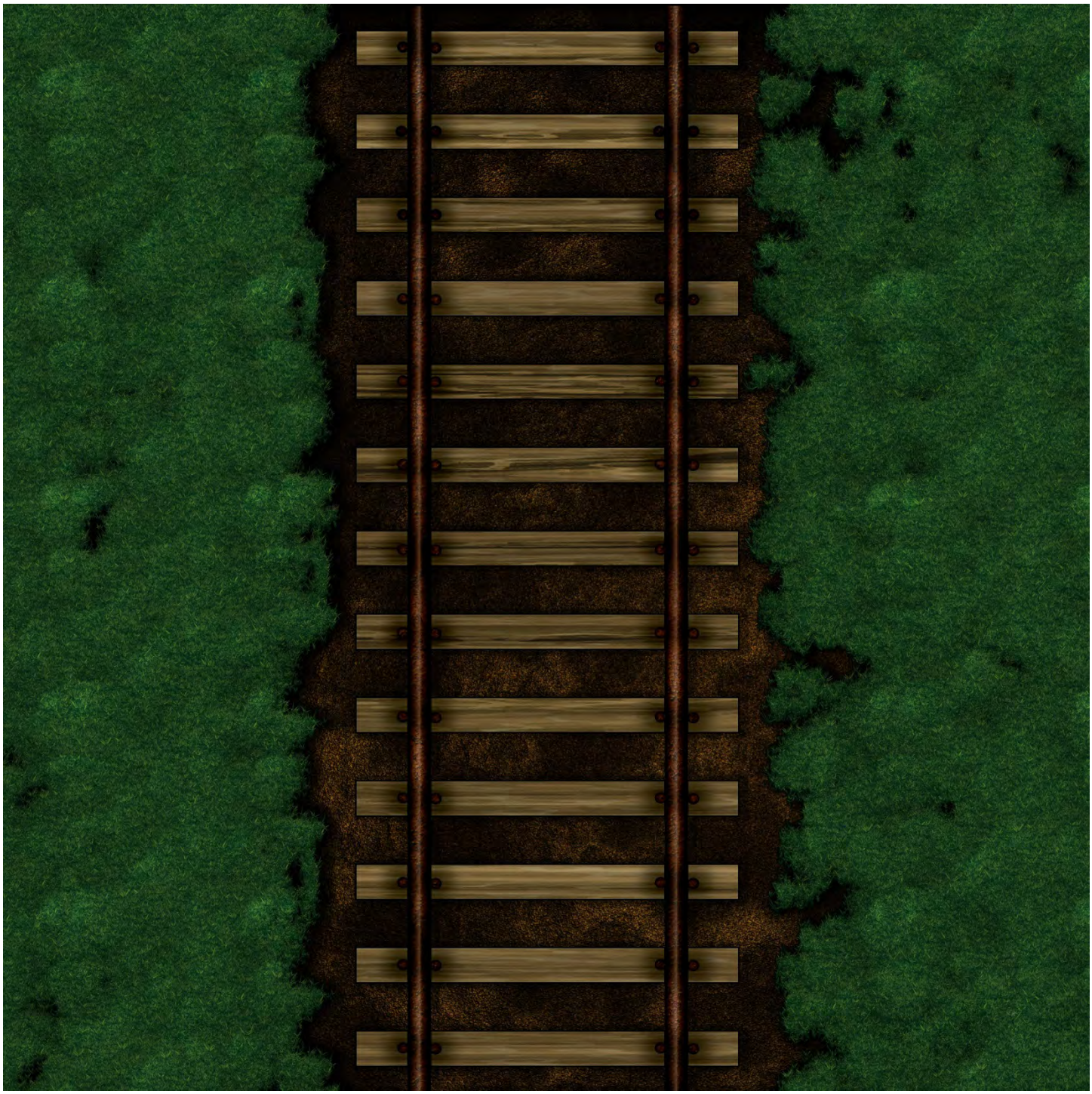

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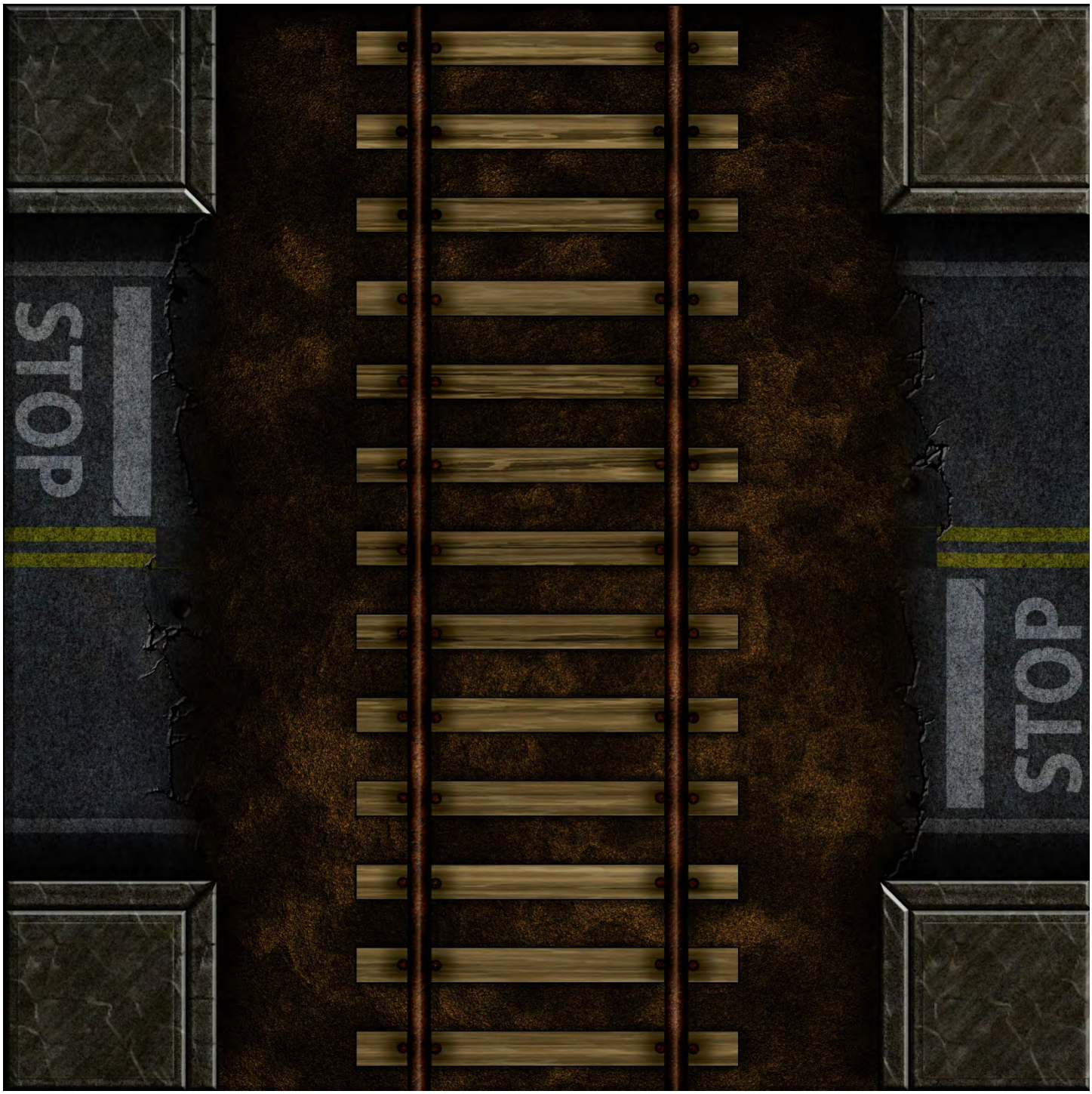

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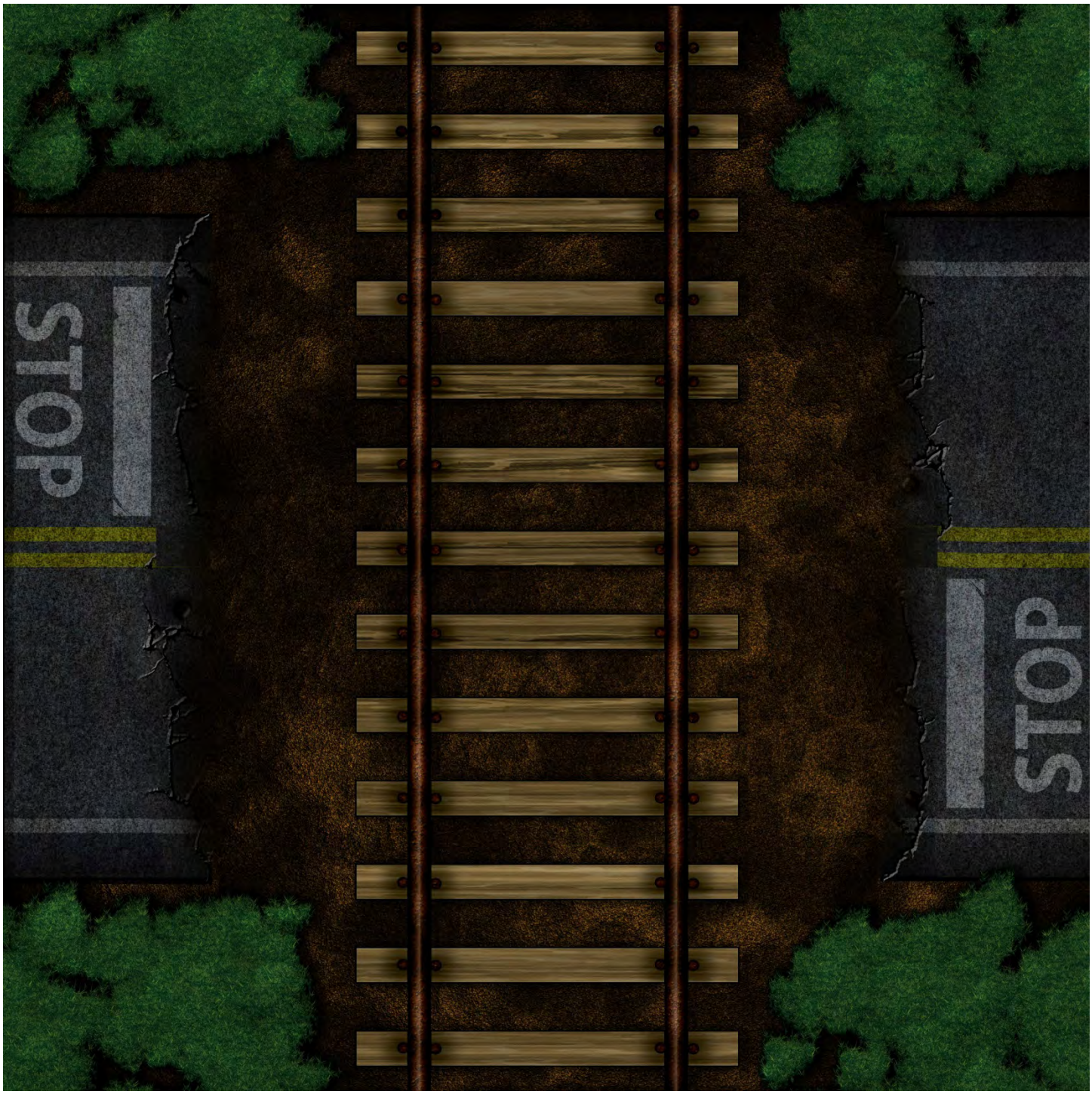

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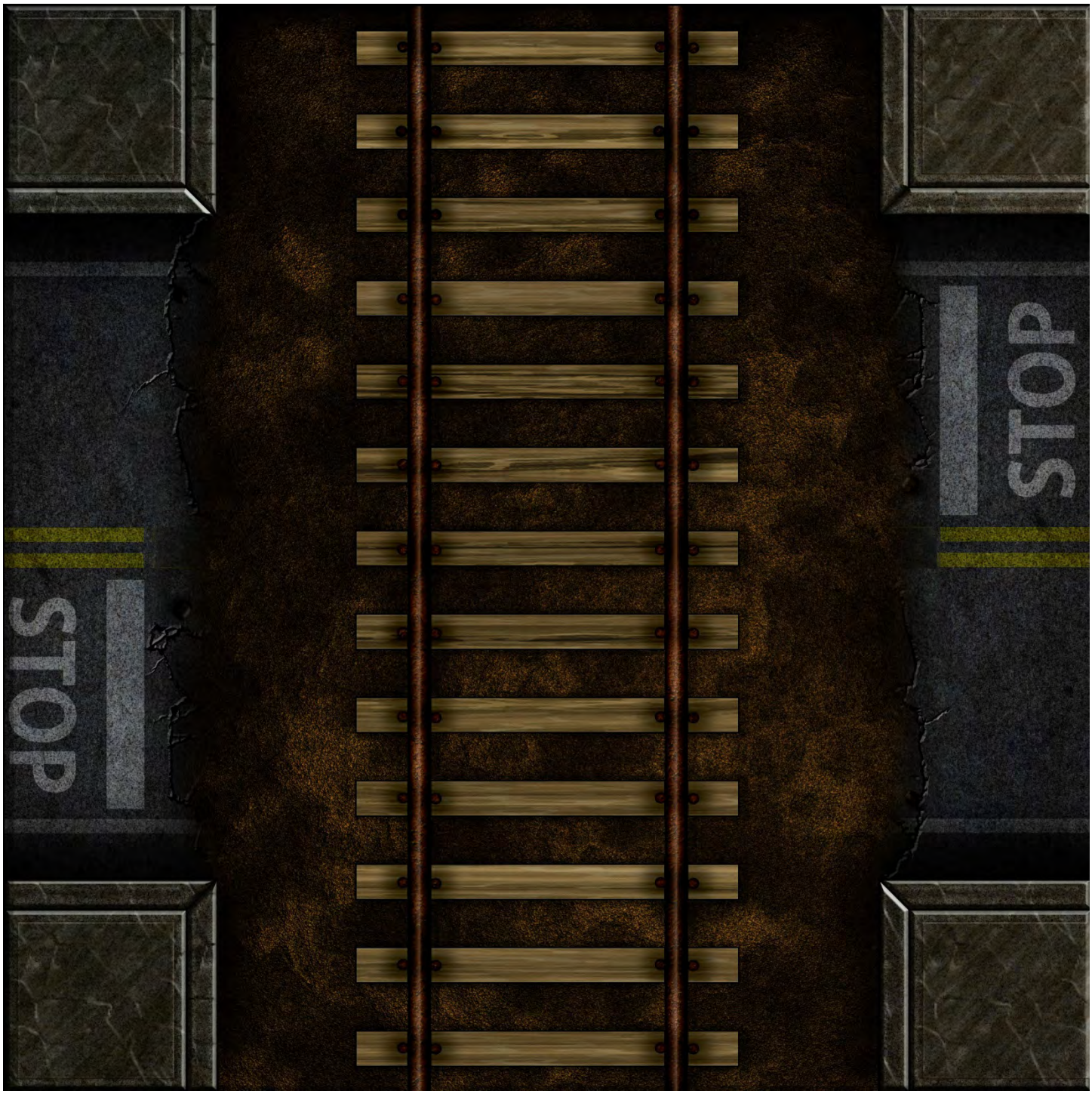

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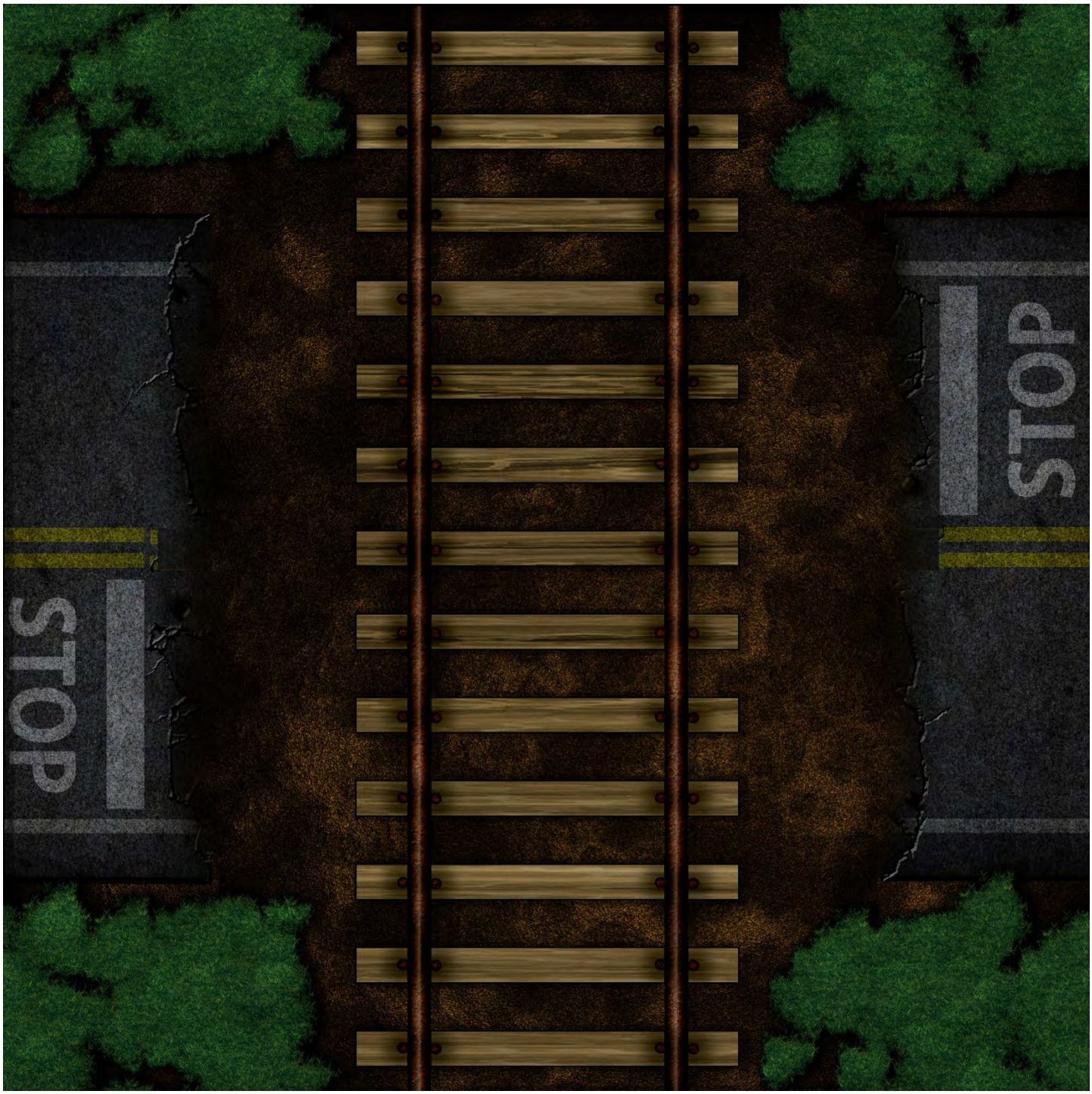

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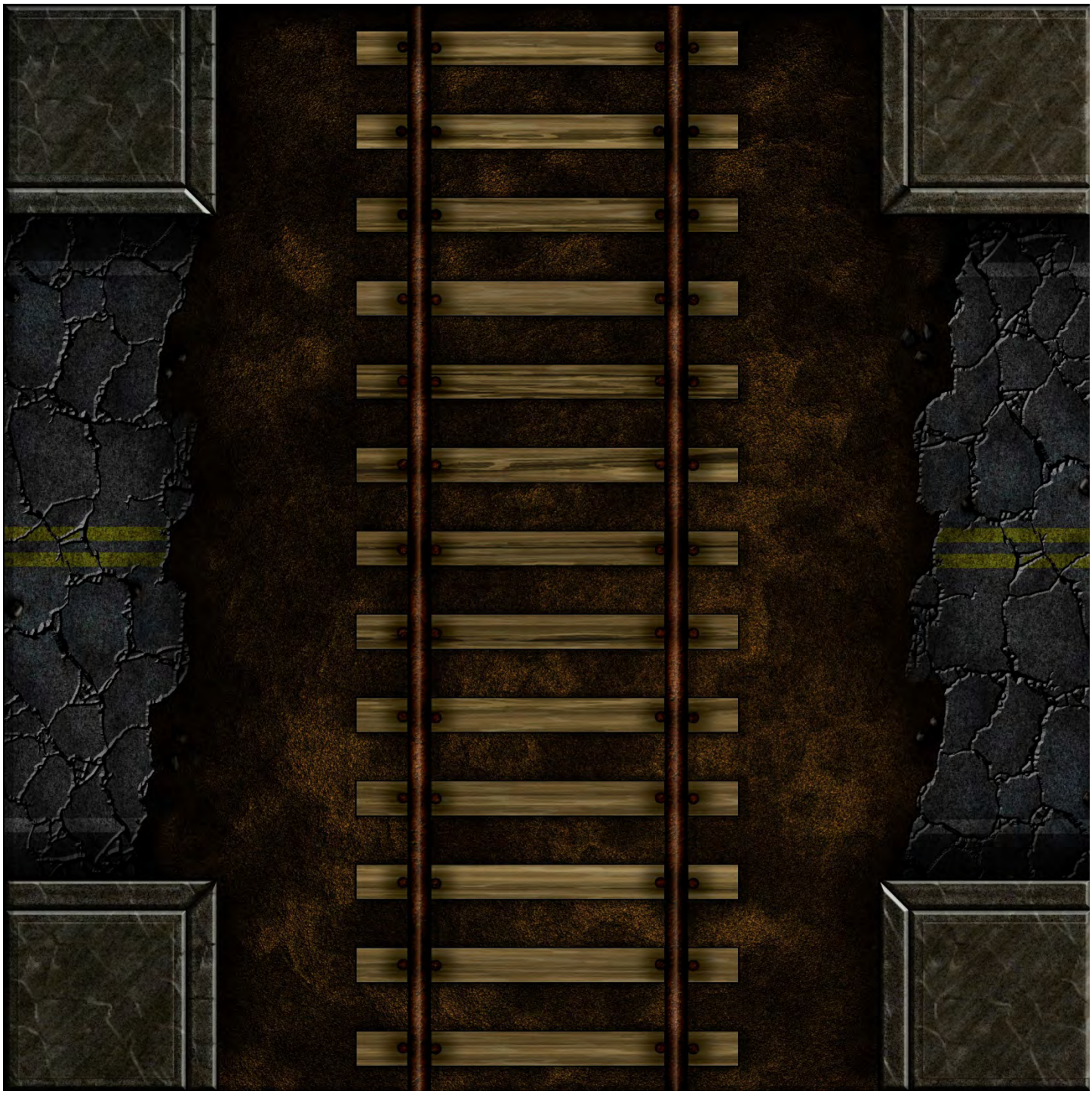

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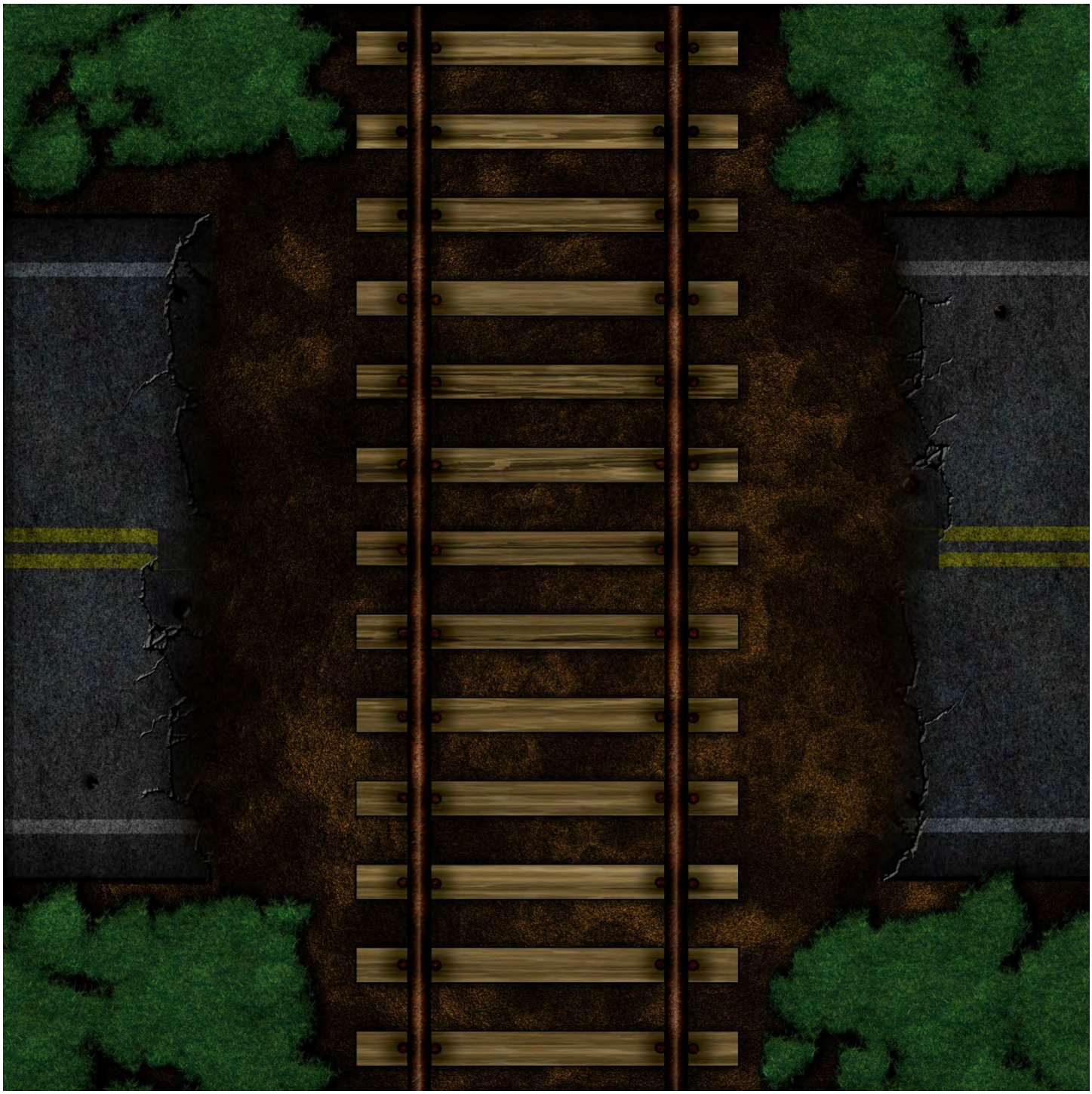

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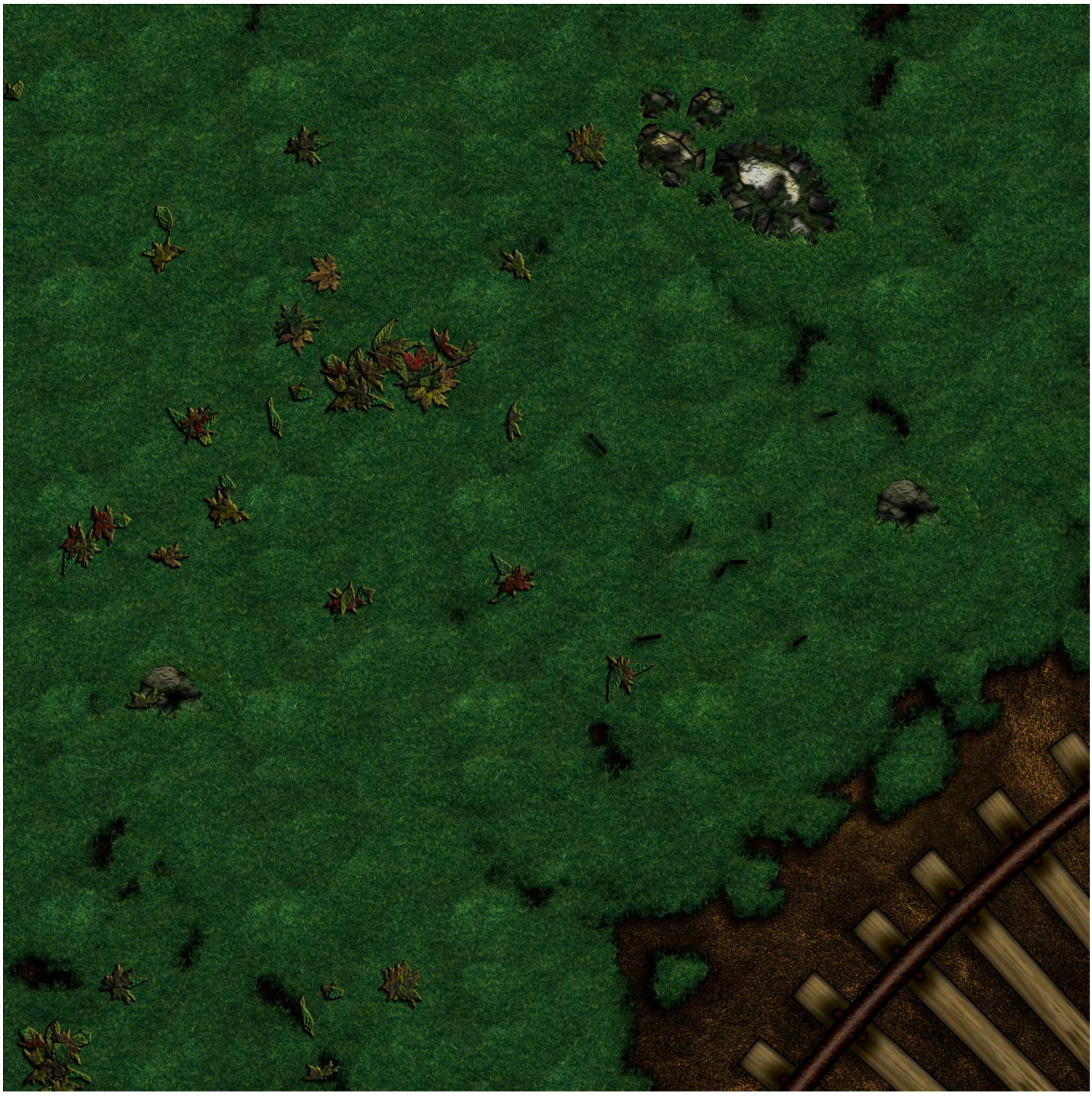

Large Curve piece 1 of 4

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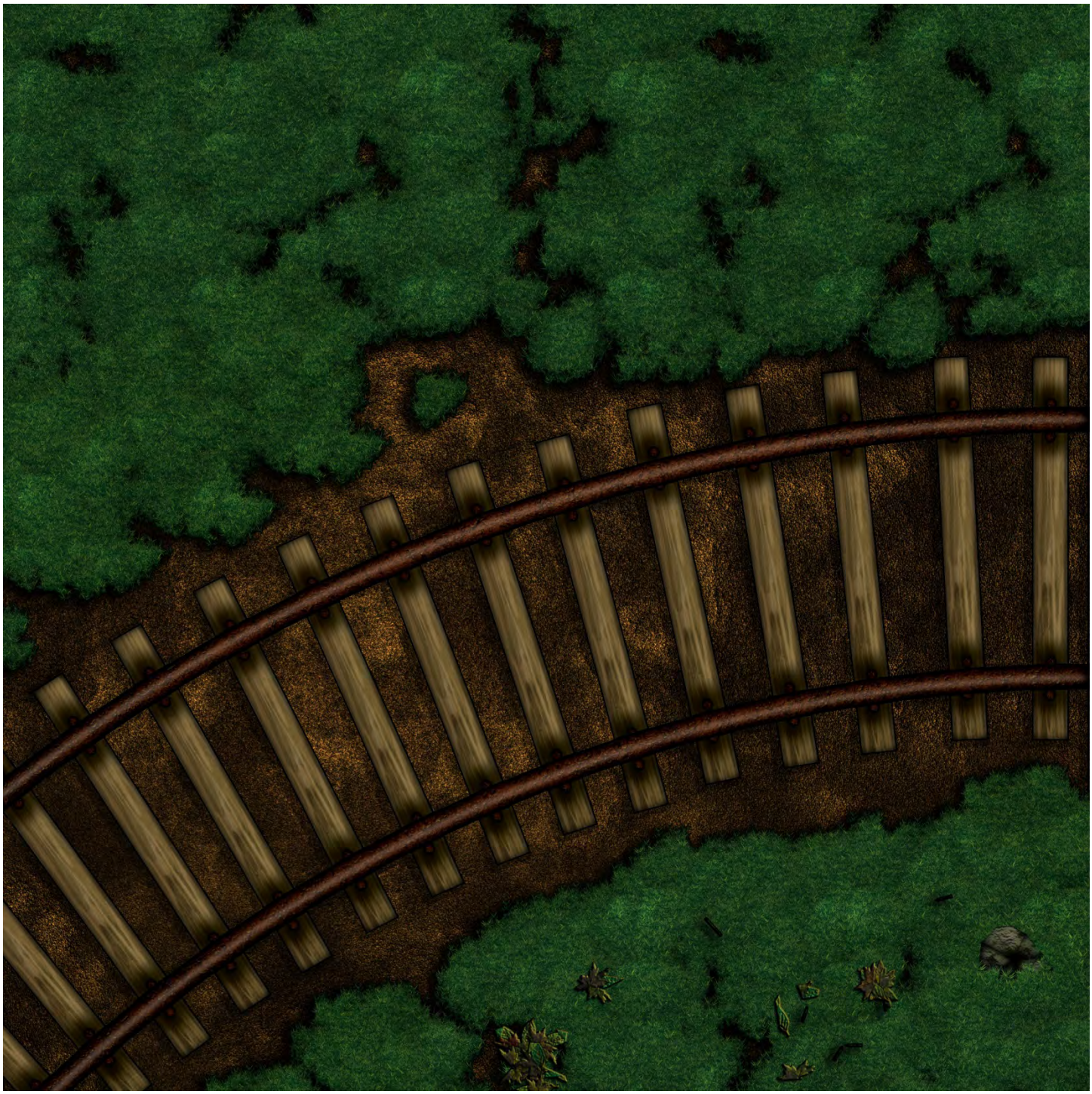

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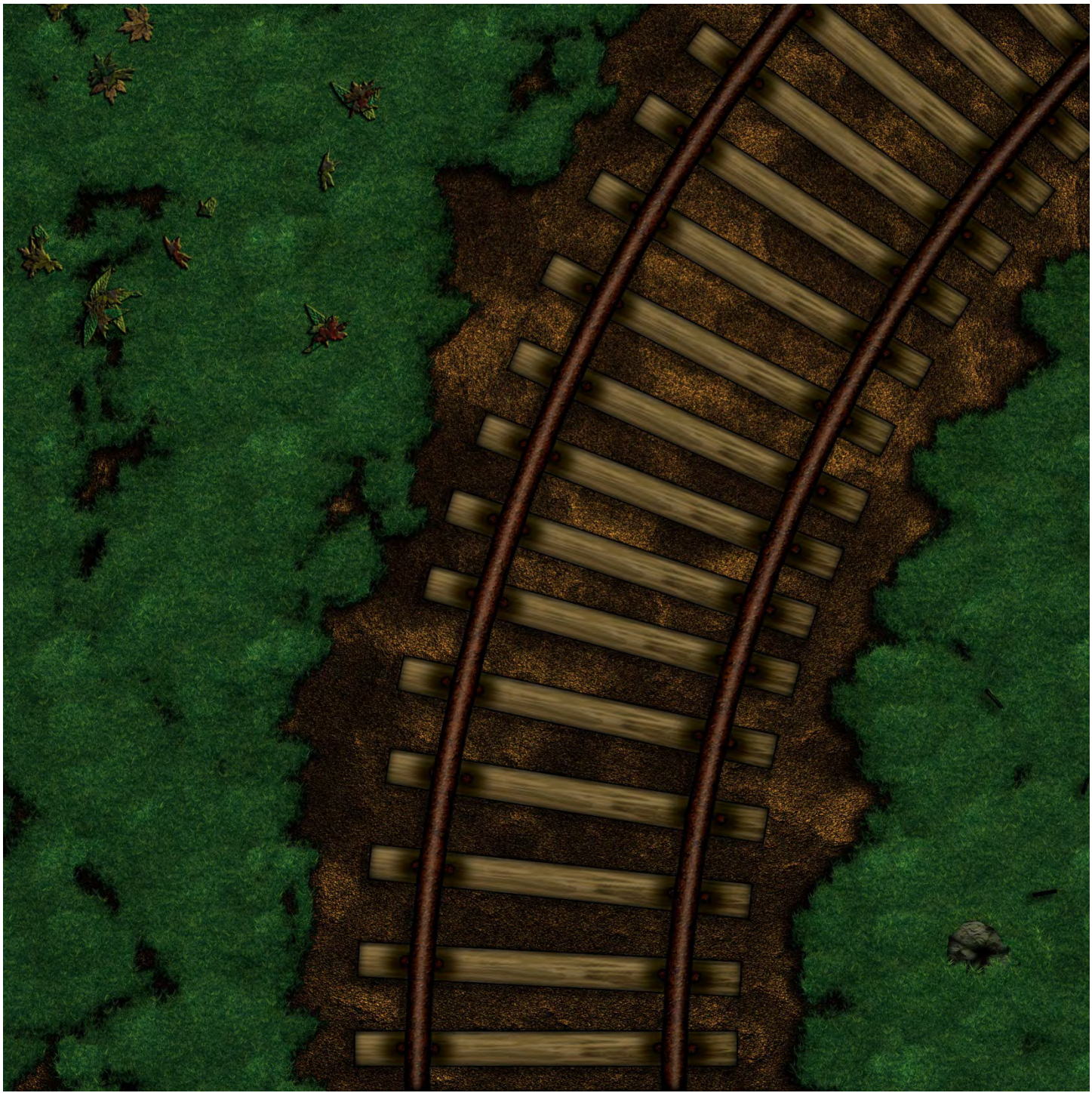

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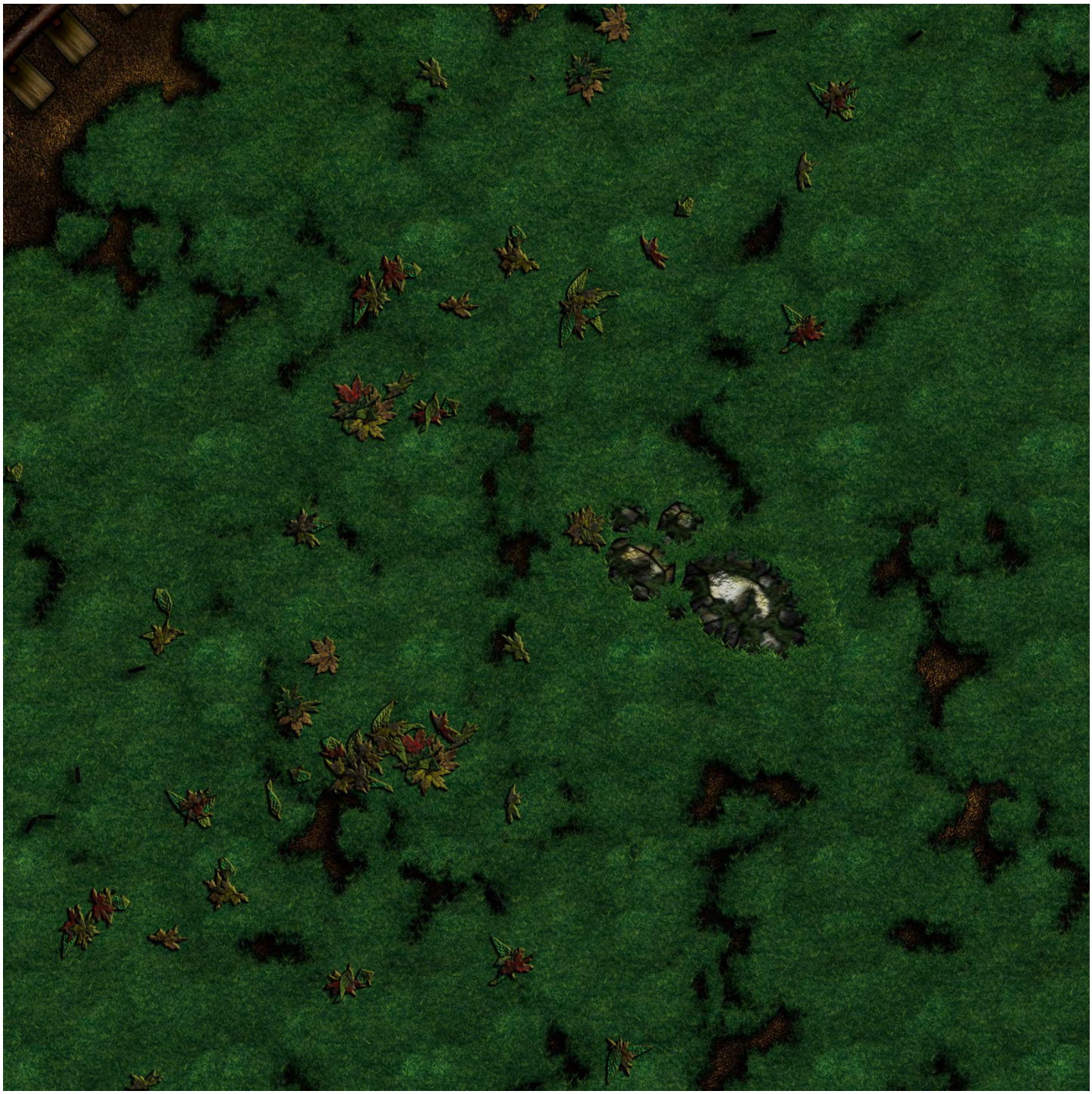

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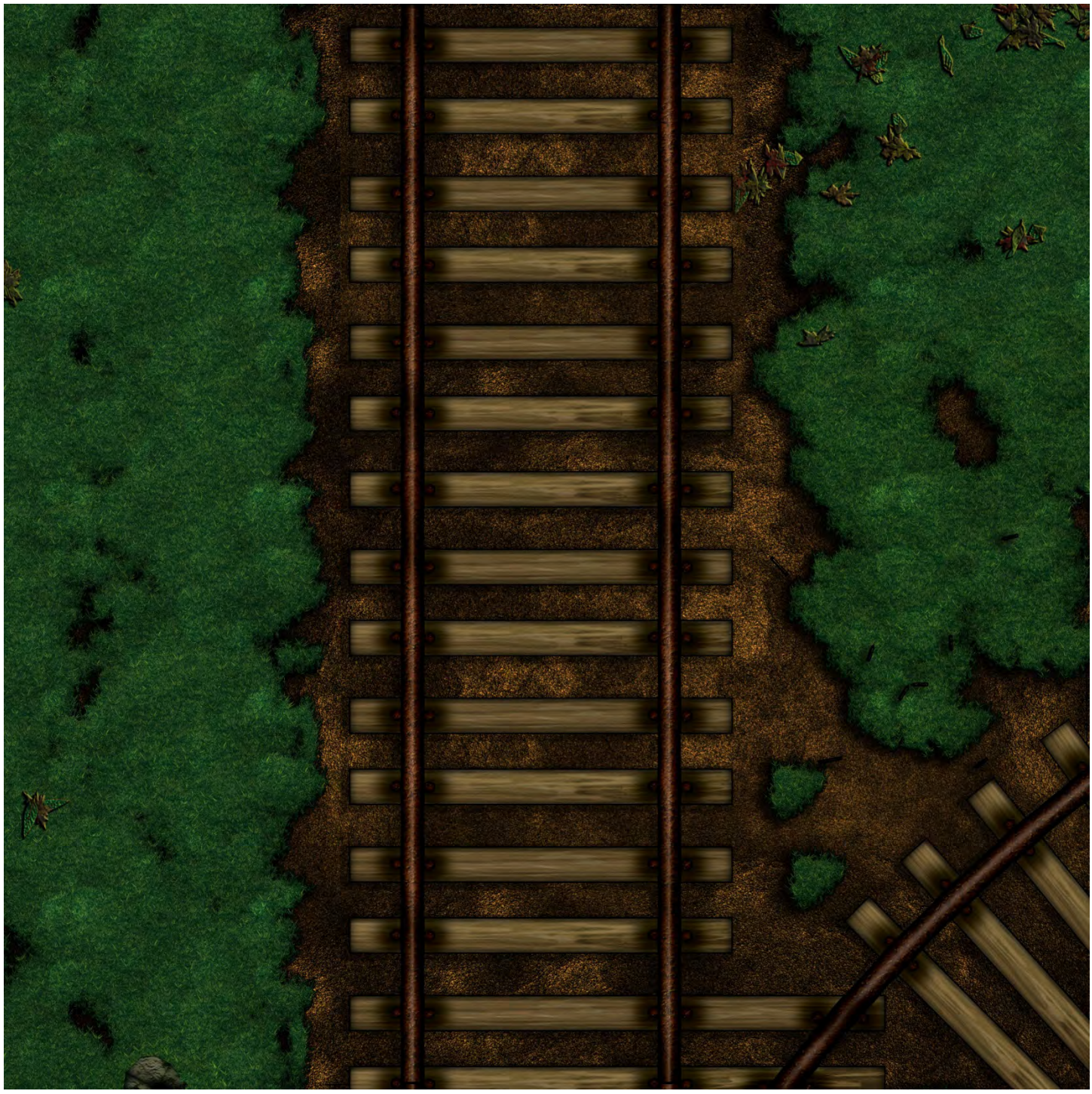

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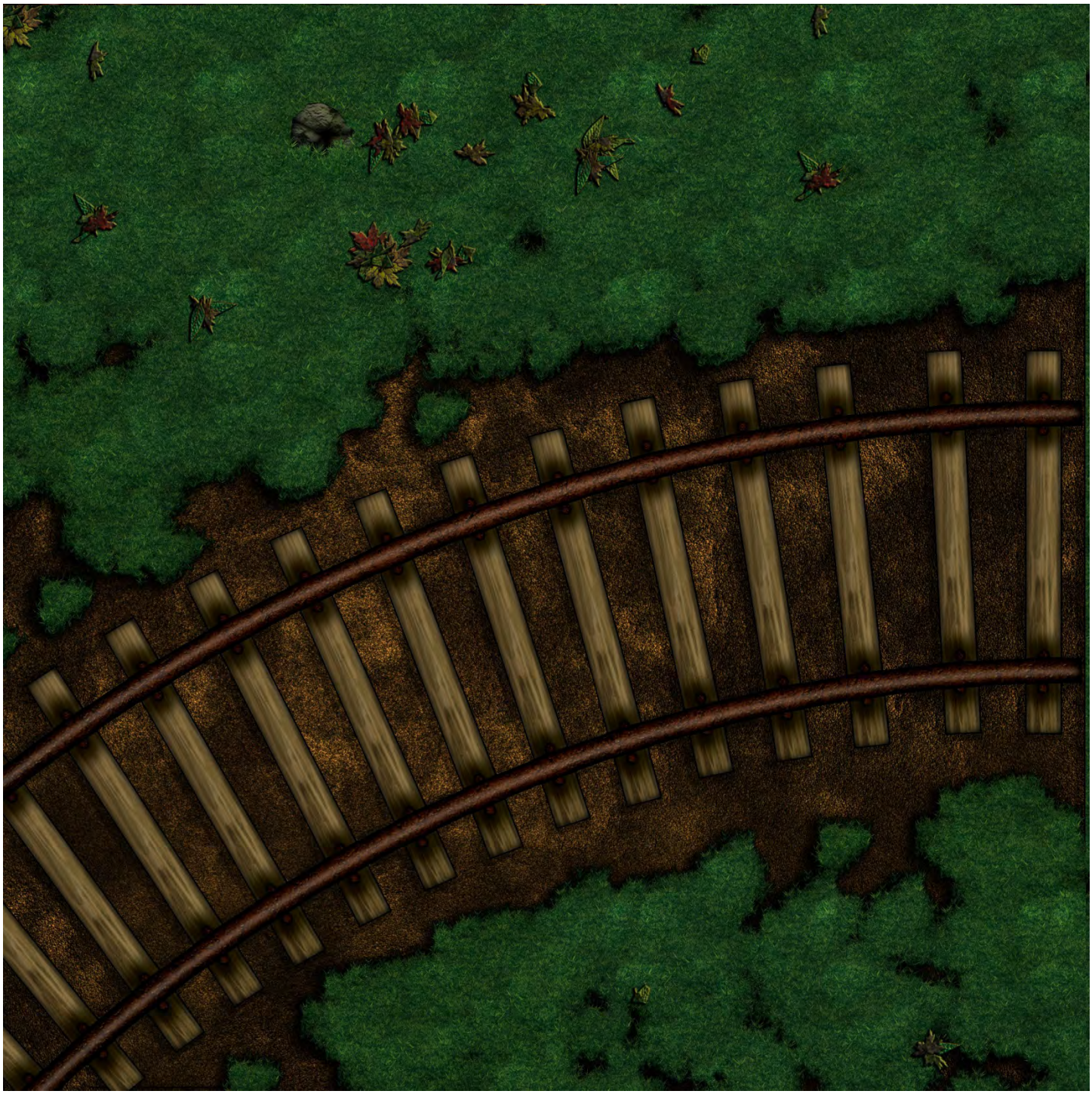

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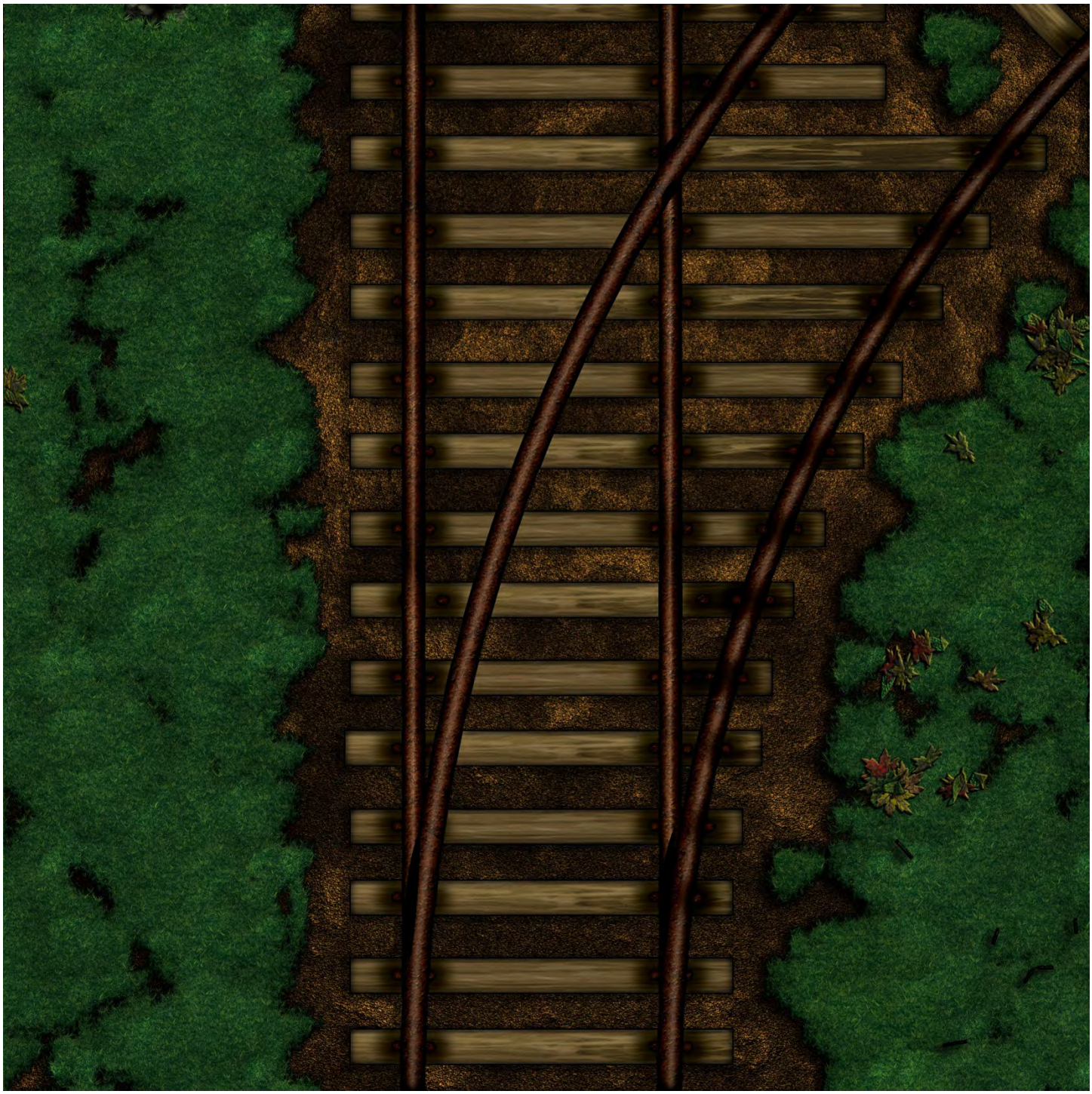

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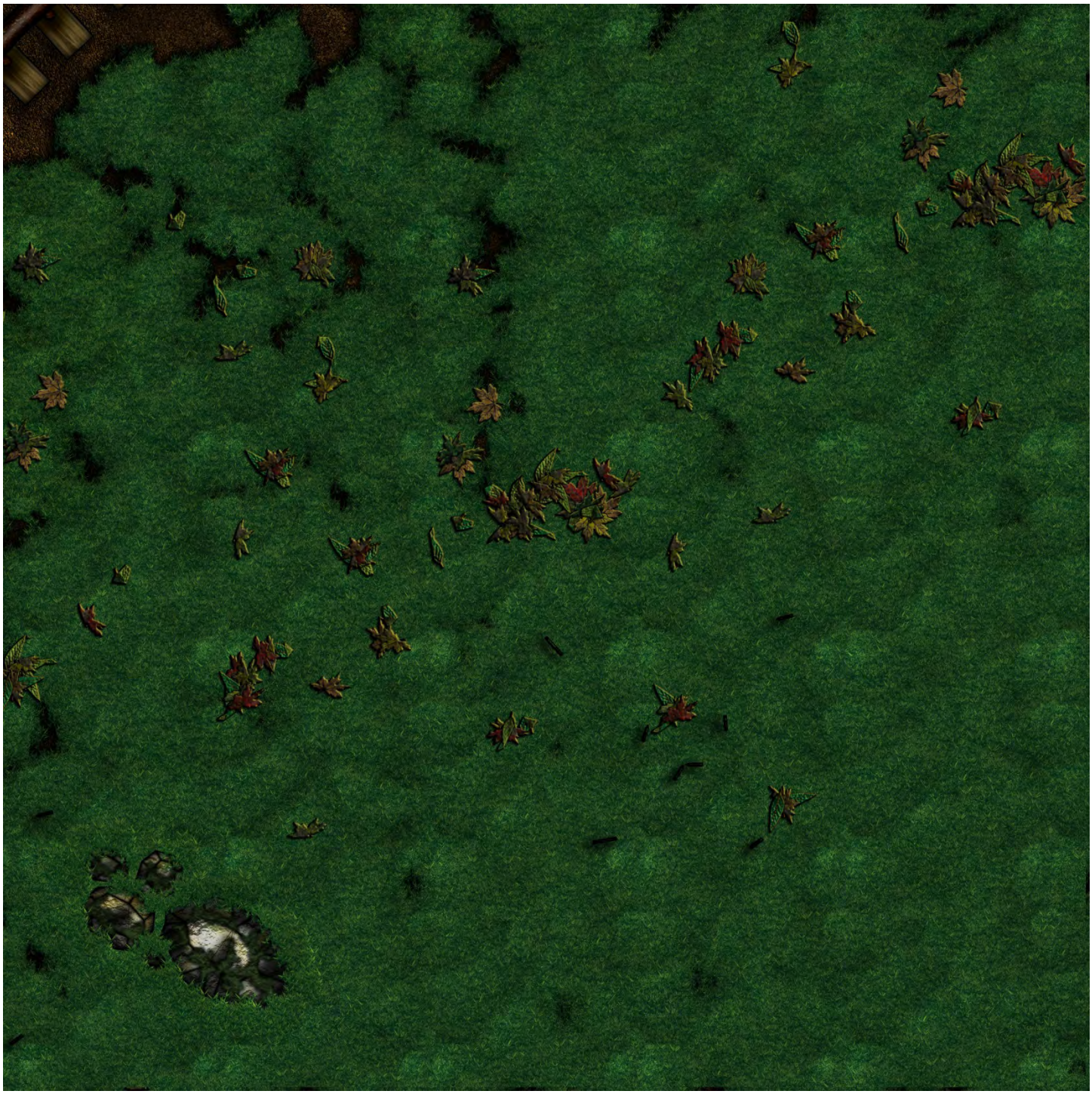

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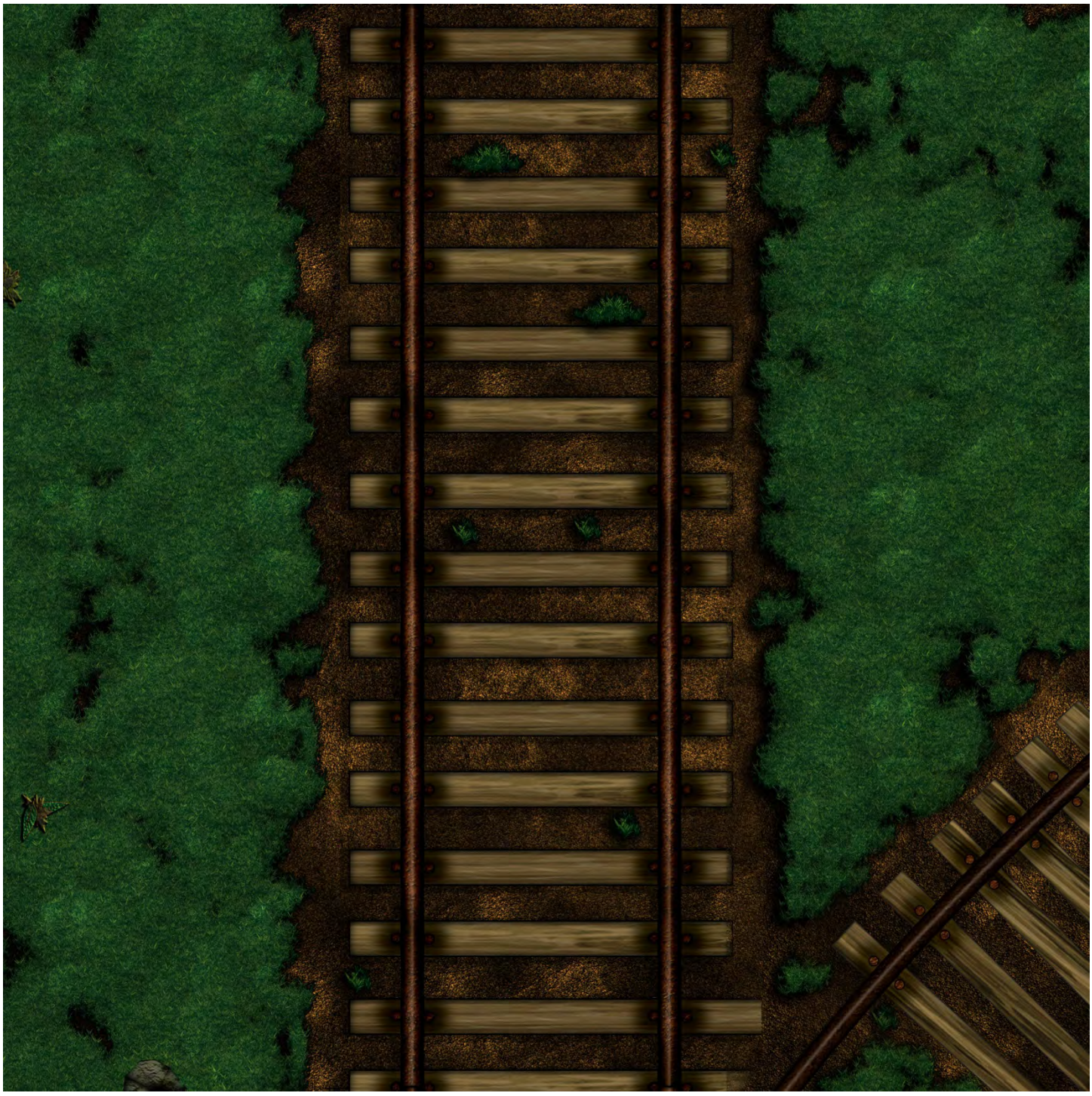

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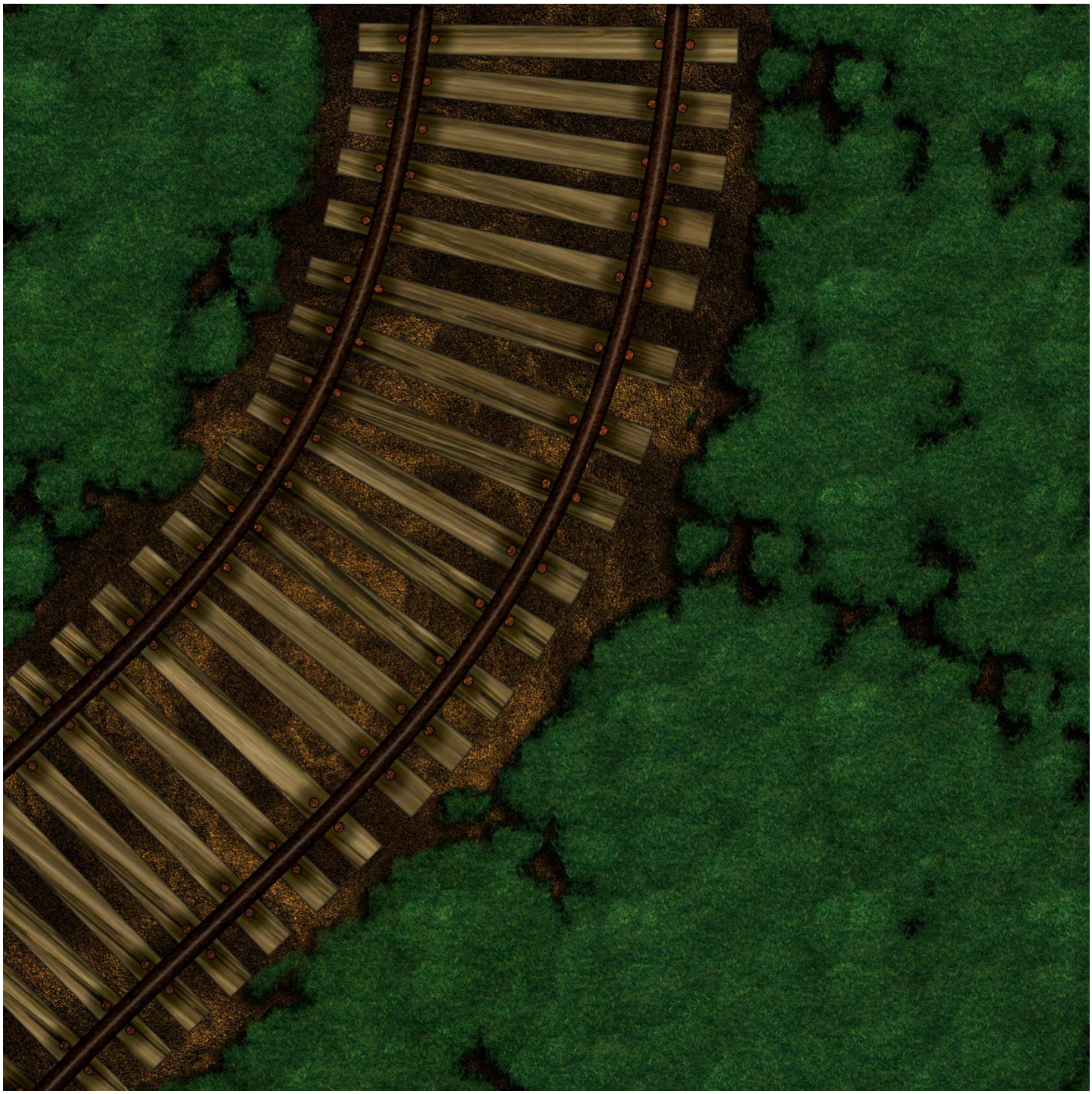

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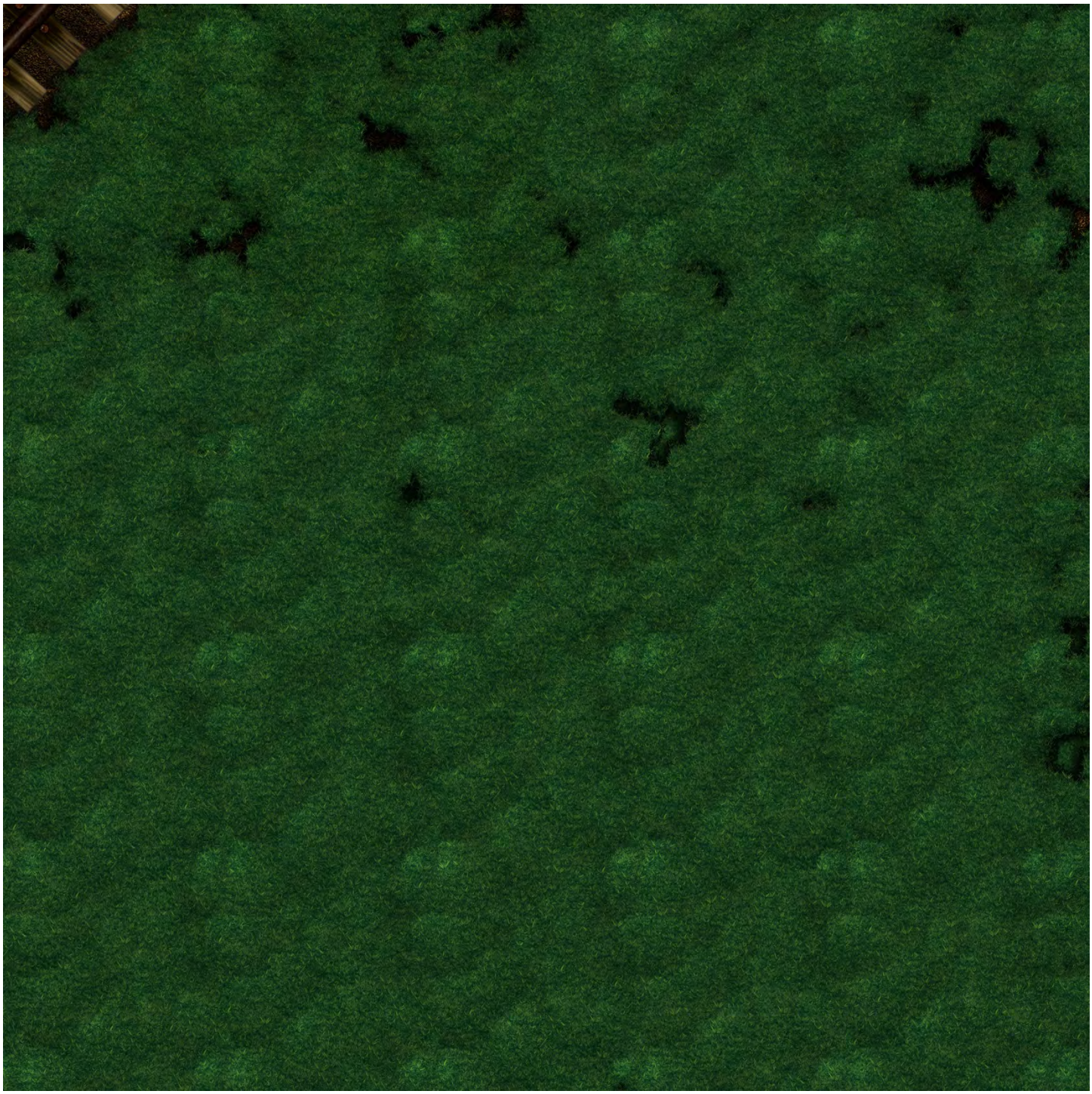

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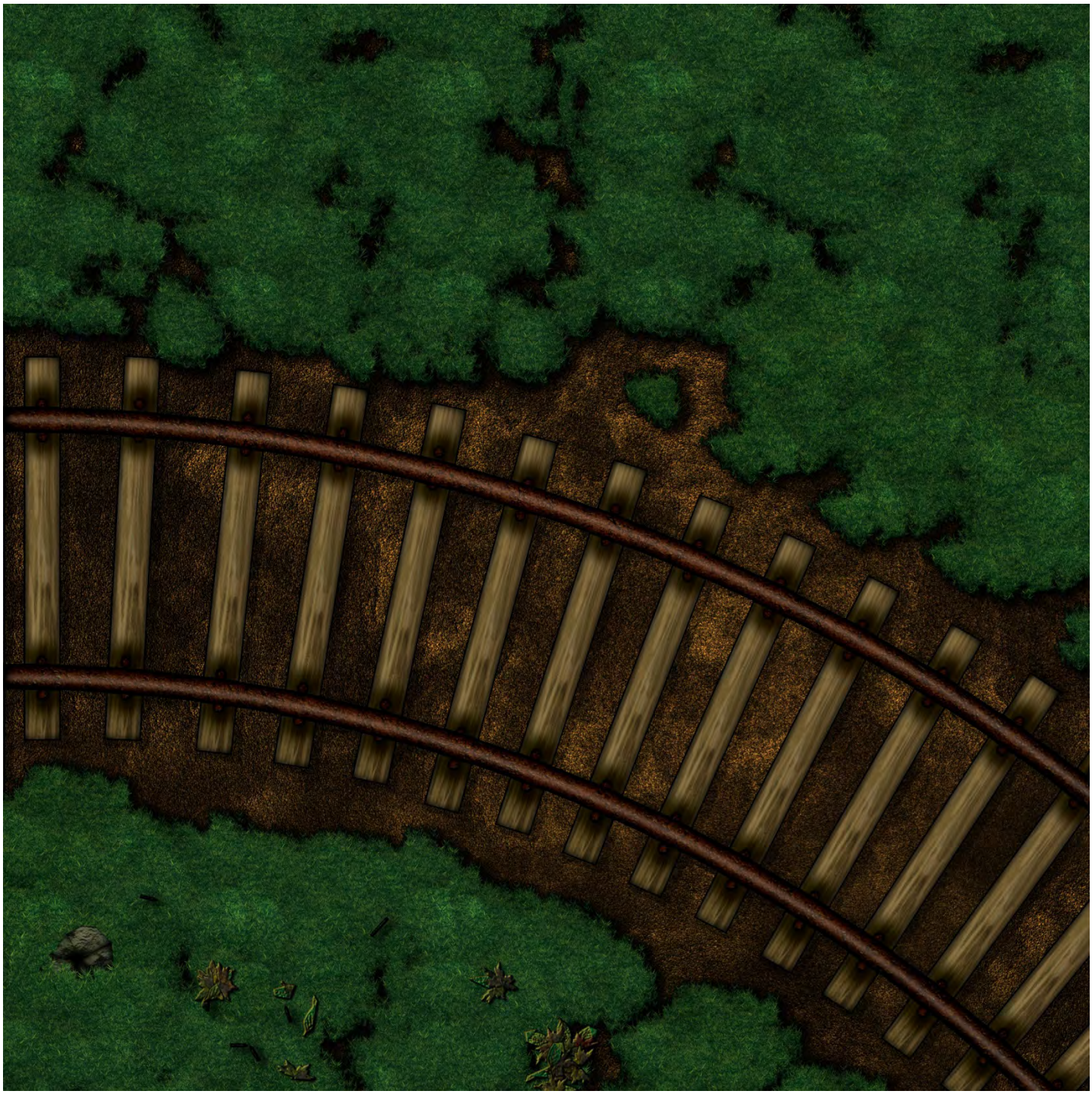

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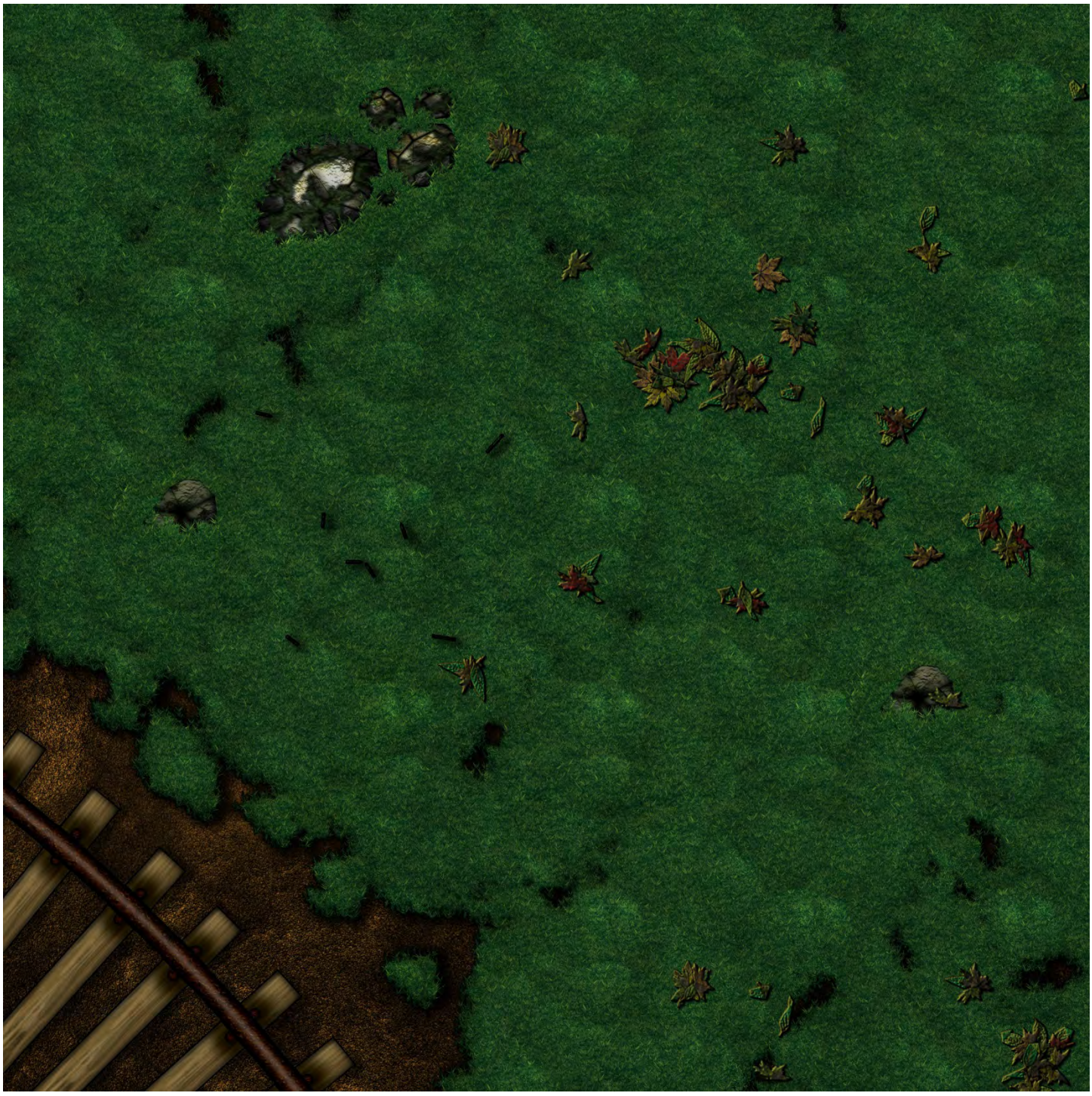

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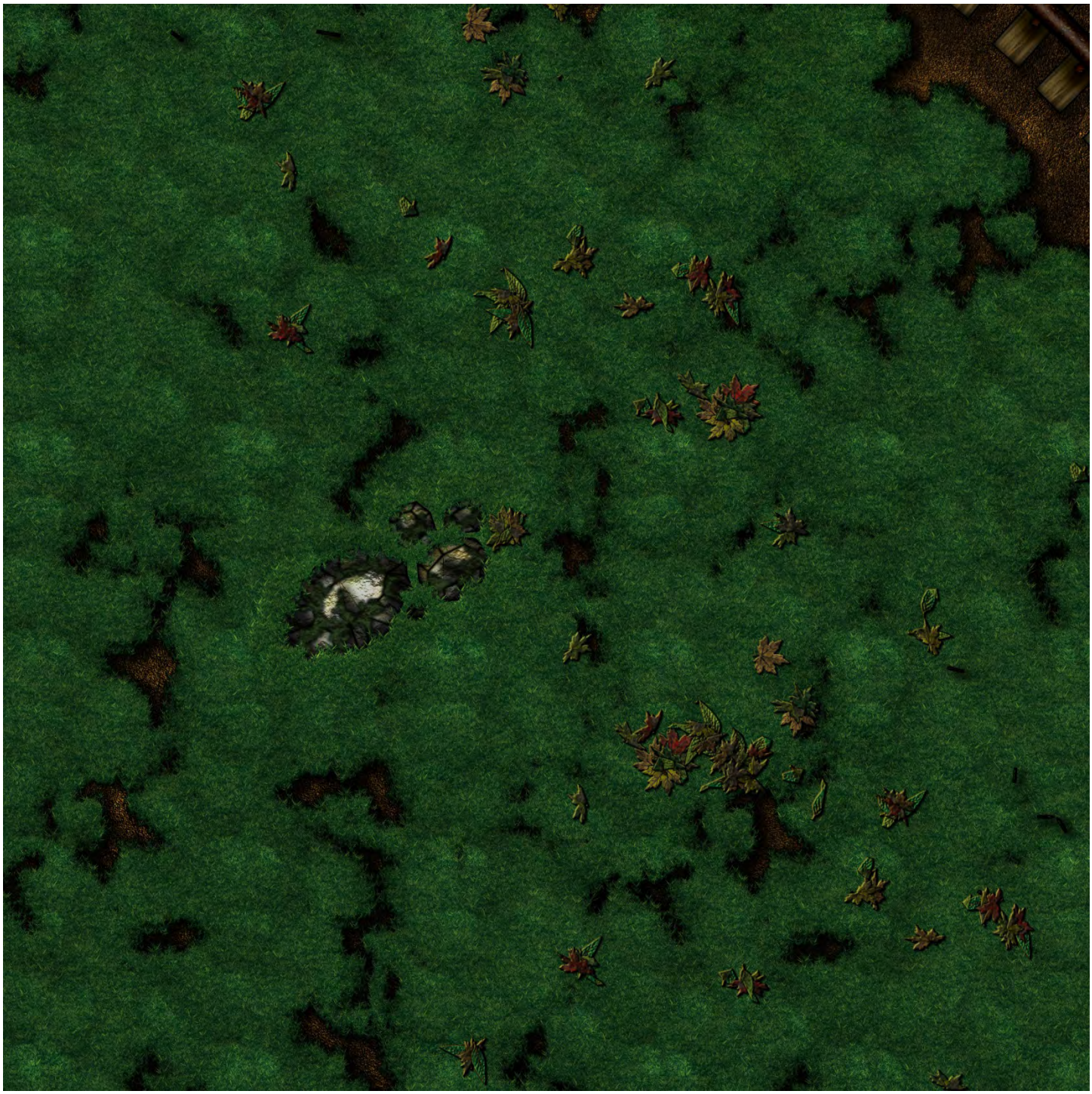

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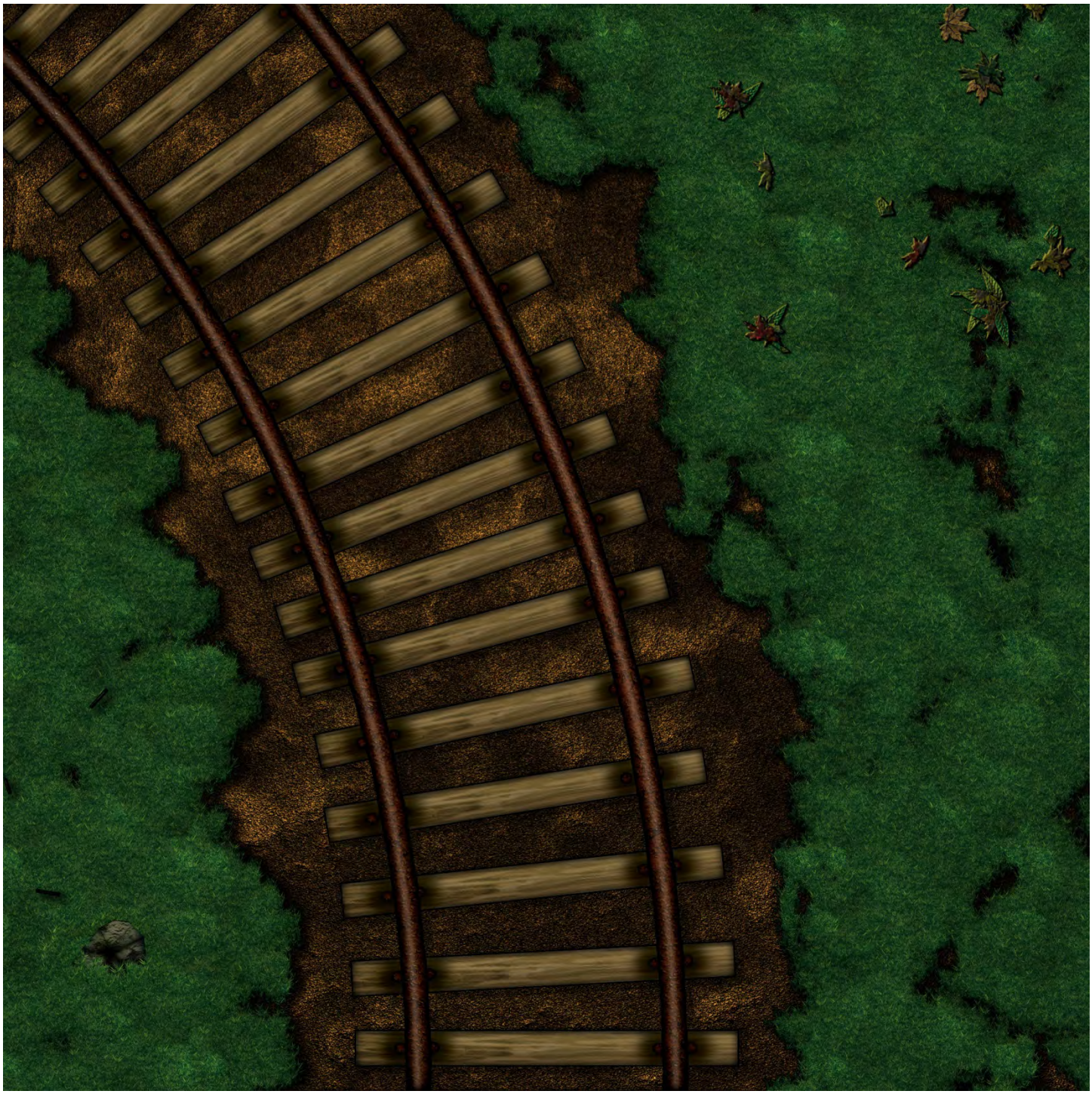

Curve Left piece 4 of 4

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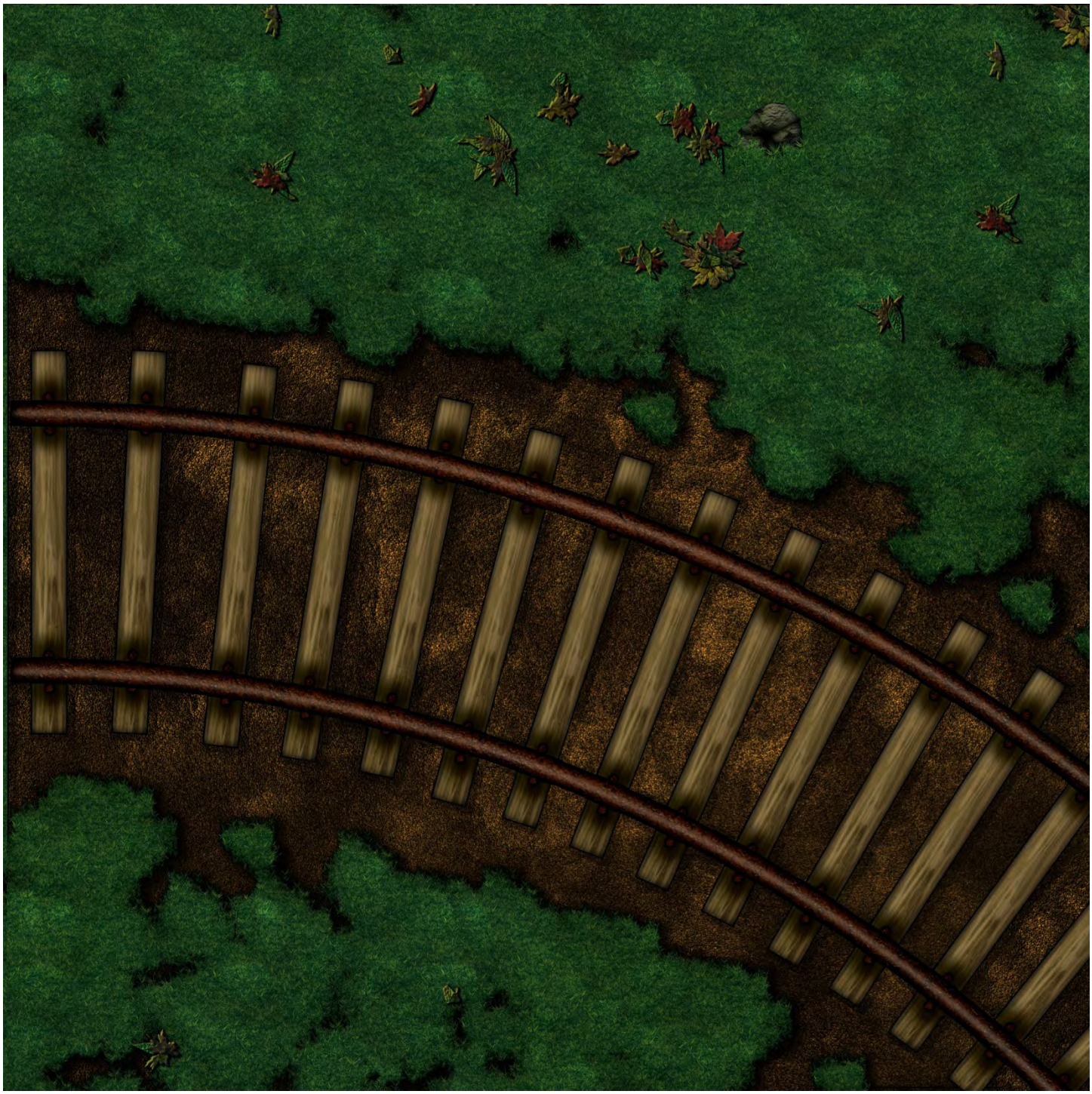

Split Left piece 1 of 4

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Split Left piece 2 of 4

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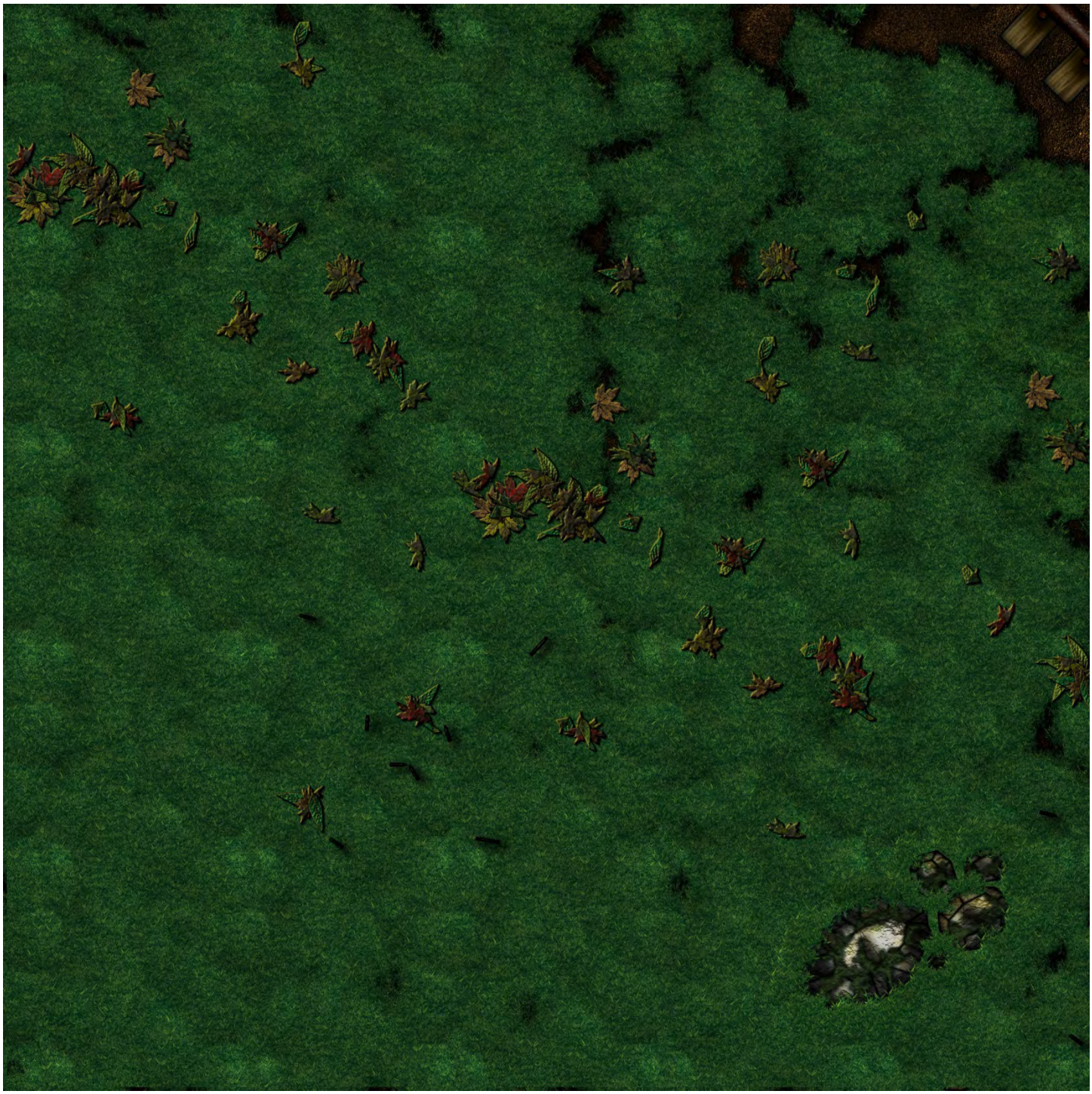

Split Left piece 3 of 4

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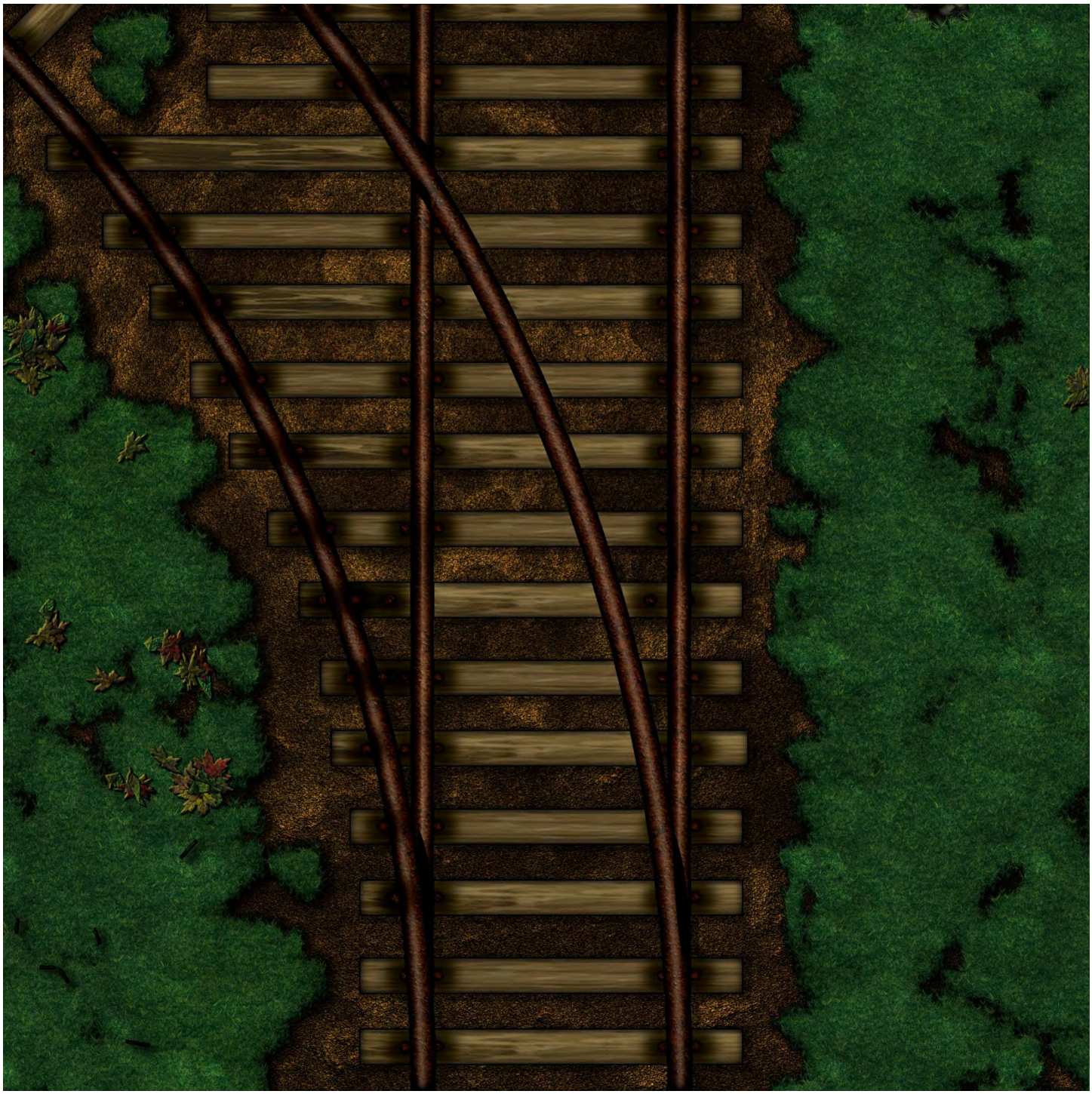

Split Left piece 4 of 4

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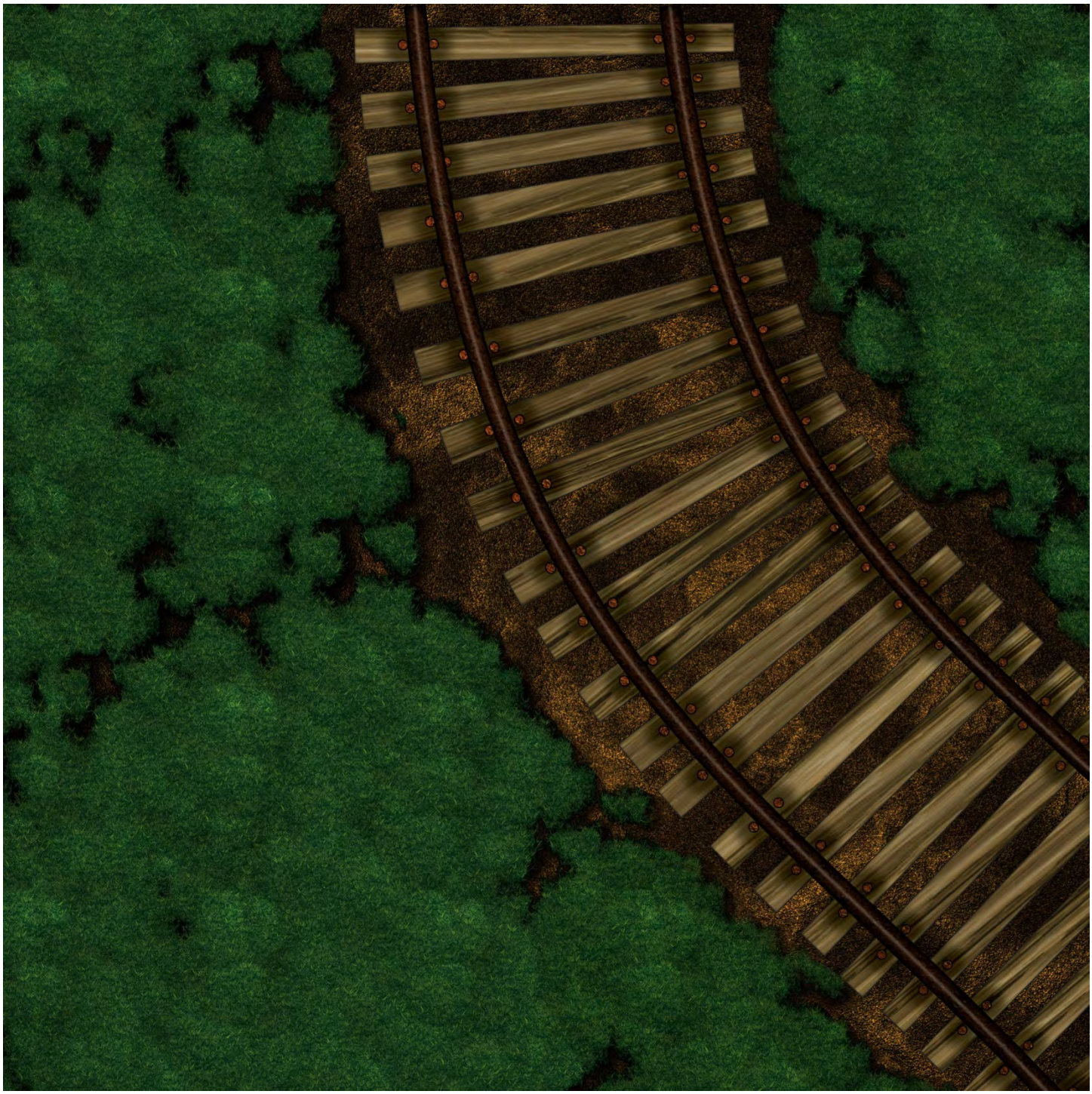

Parallel Left piece 1 of 4

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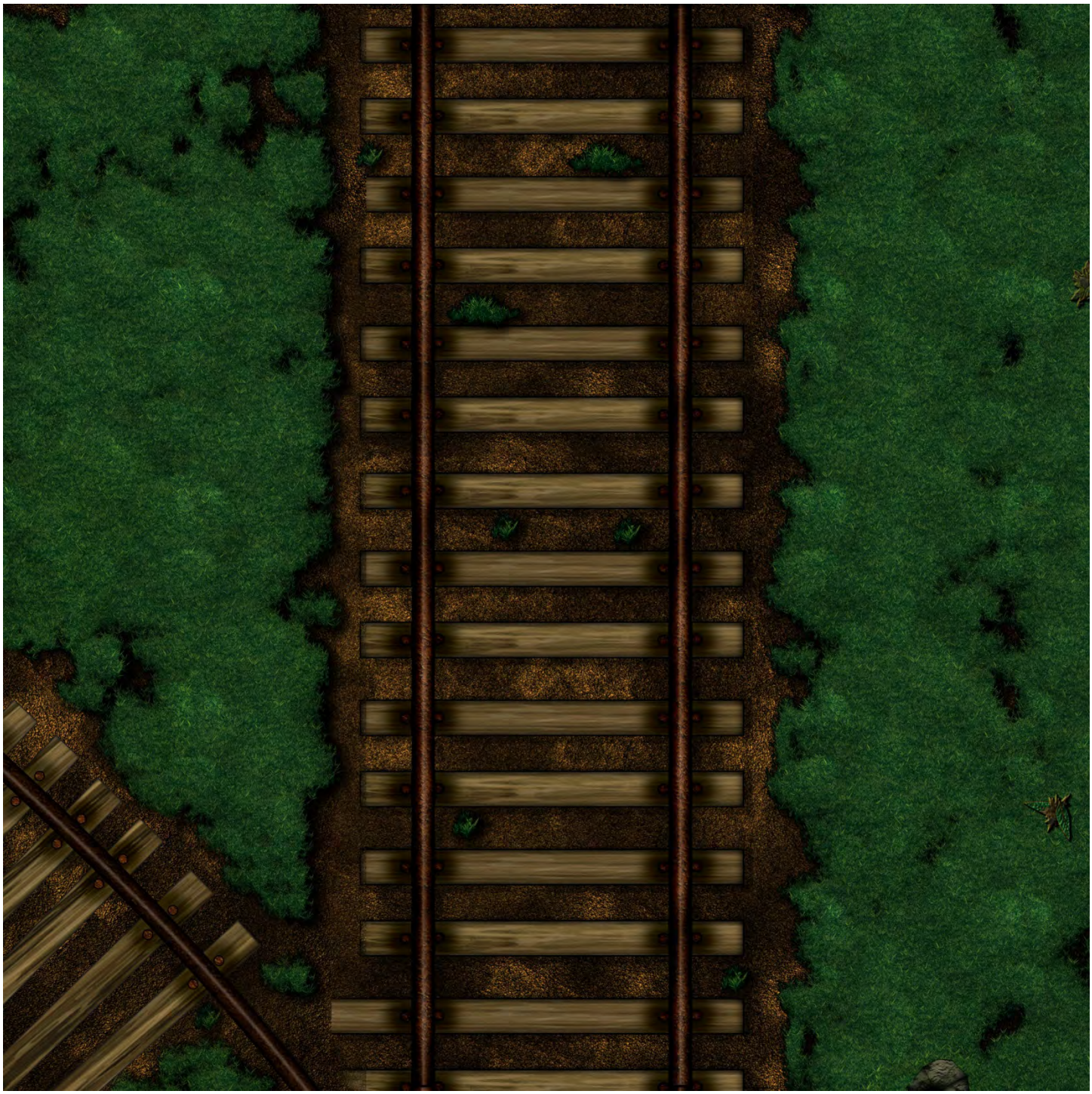

Parallel Left piece 2 of 4

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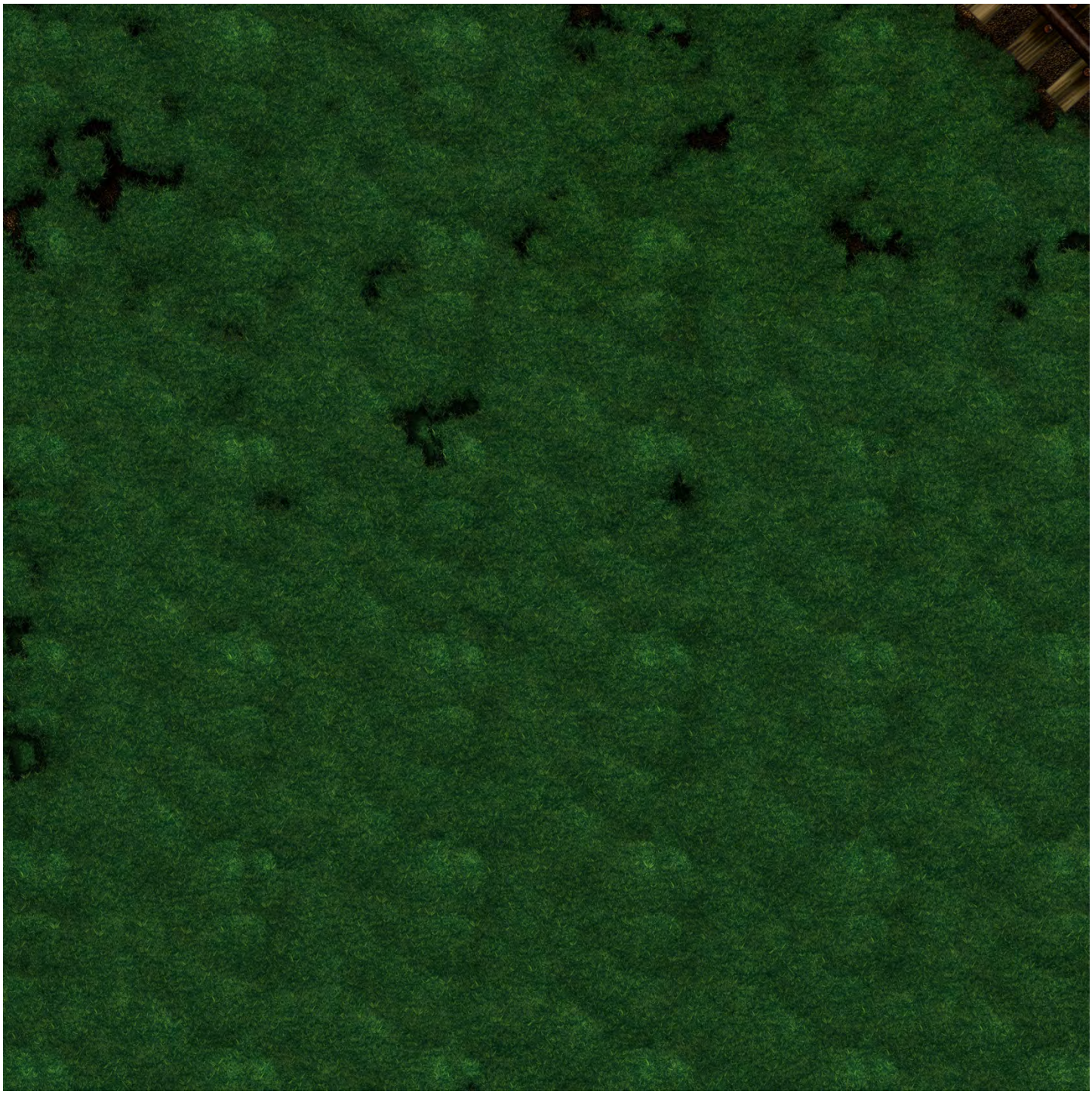

Parallel Left piece 3 of 4

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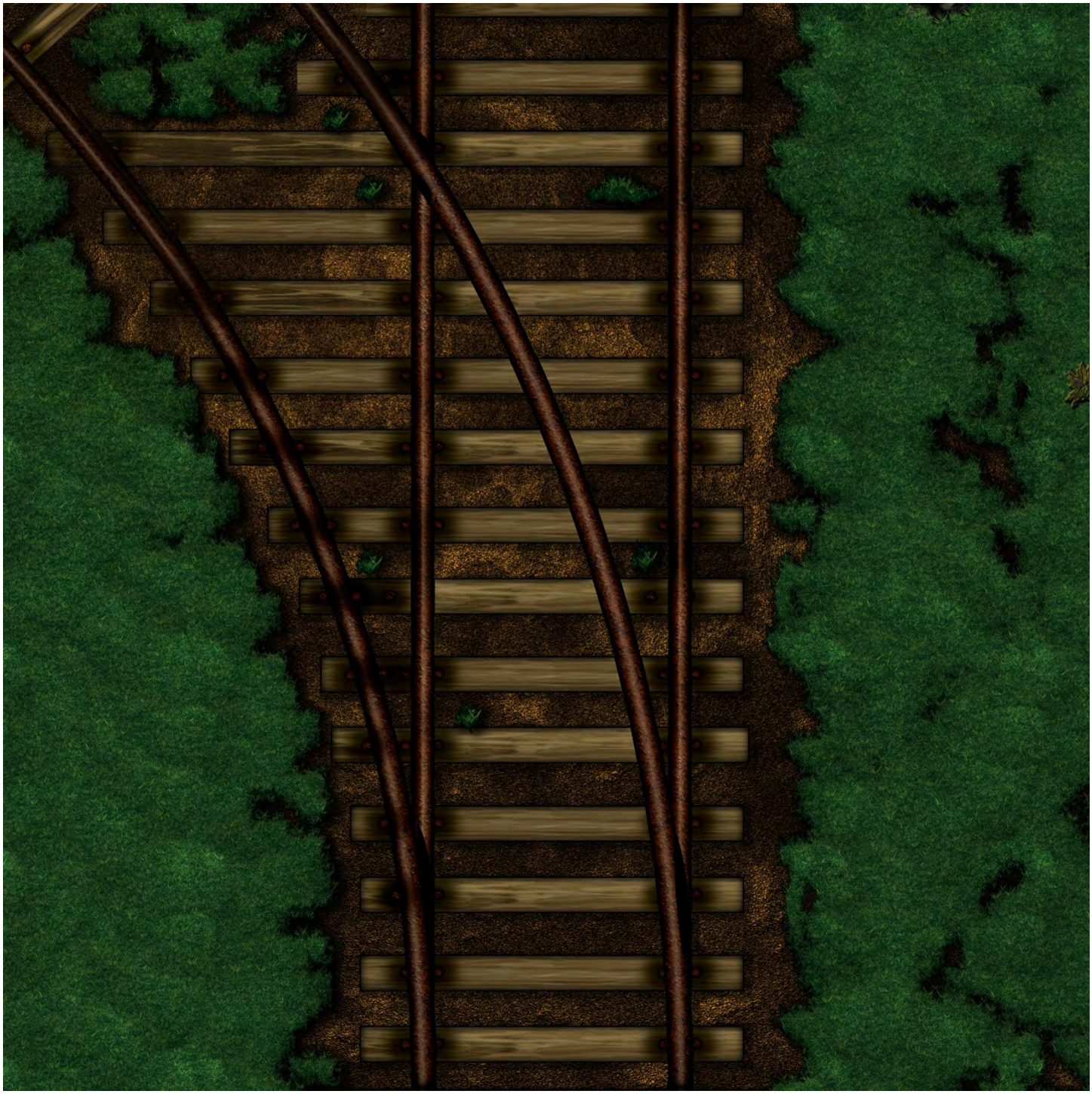

Parallel Left piece 4 of 4

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Props and Decorations

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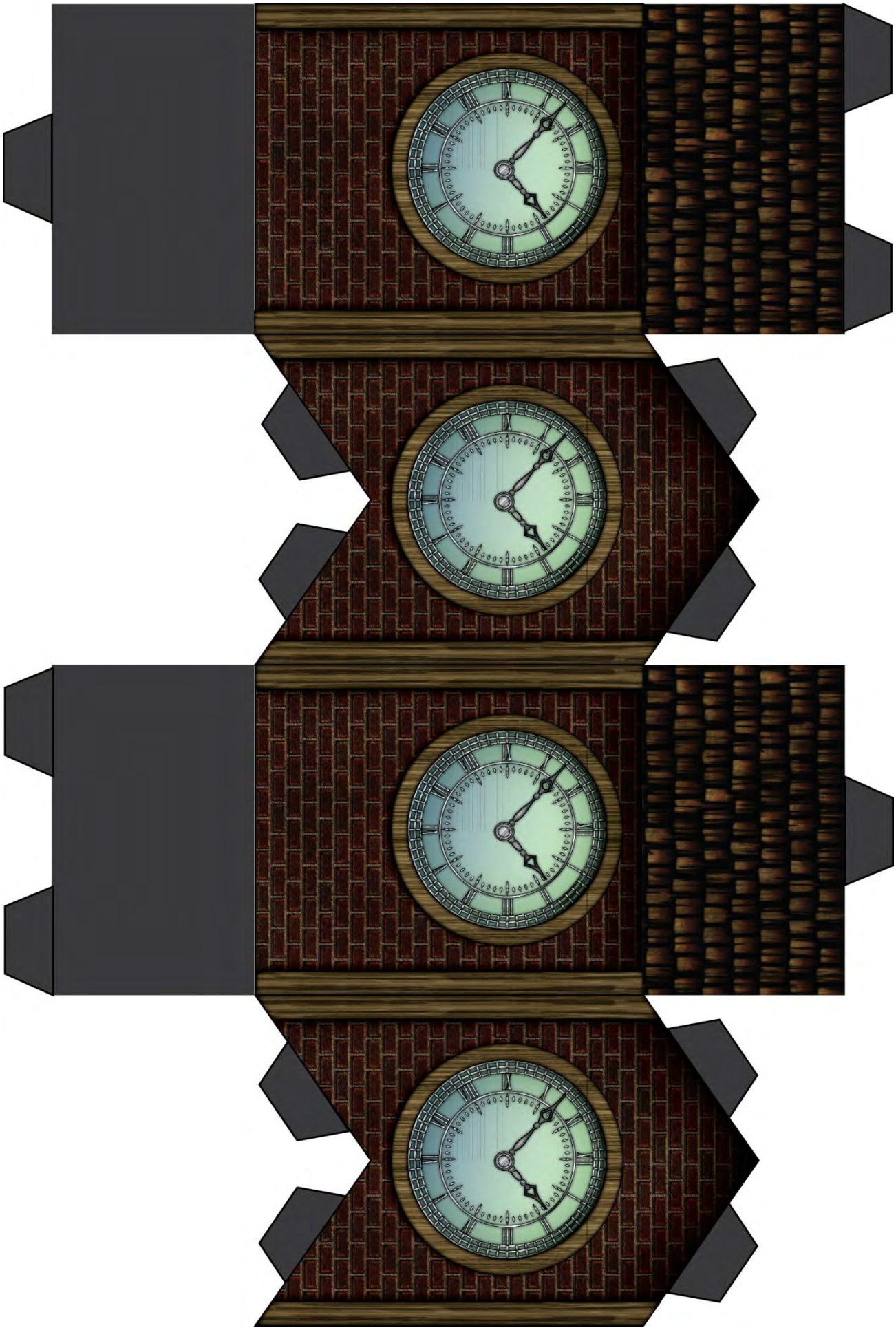

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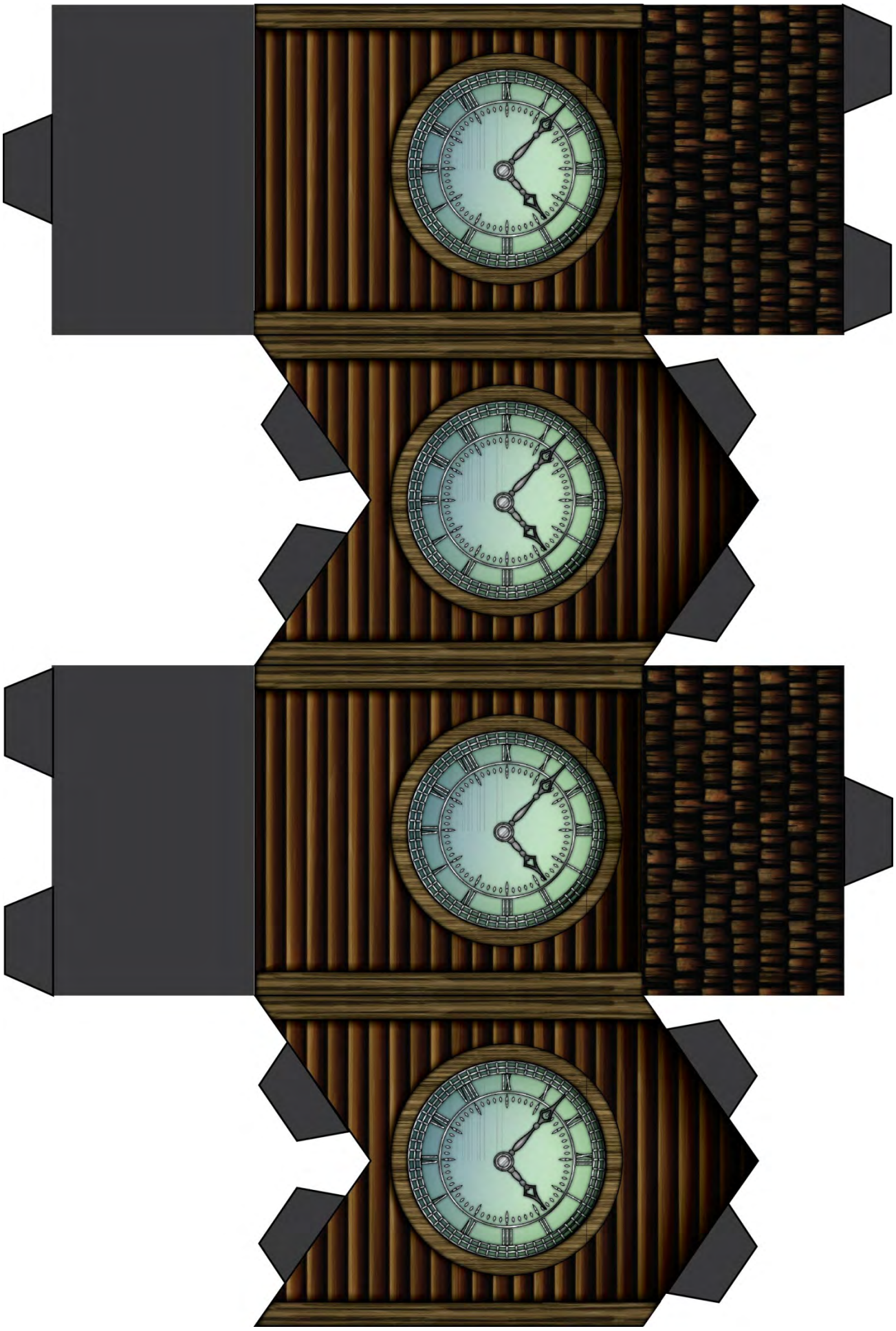

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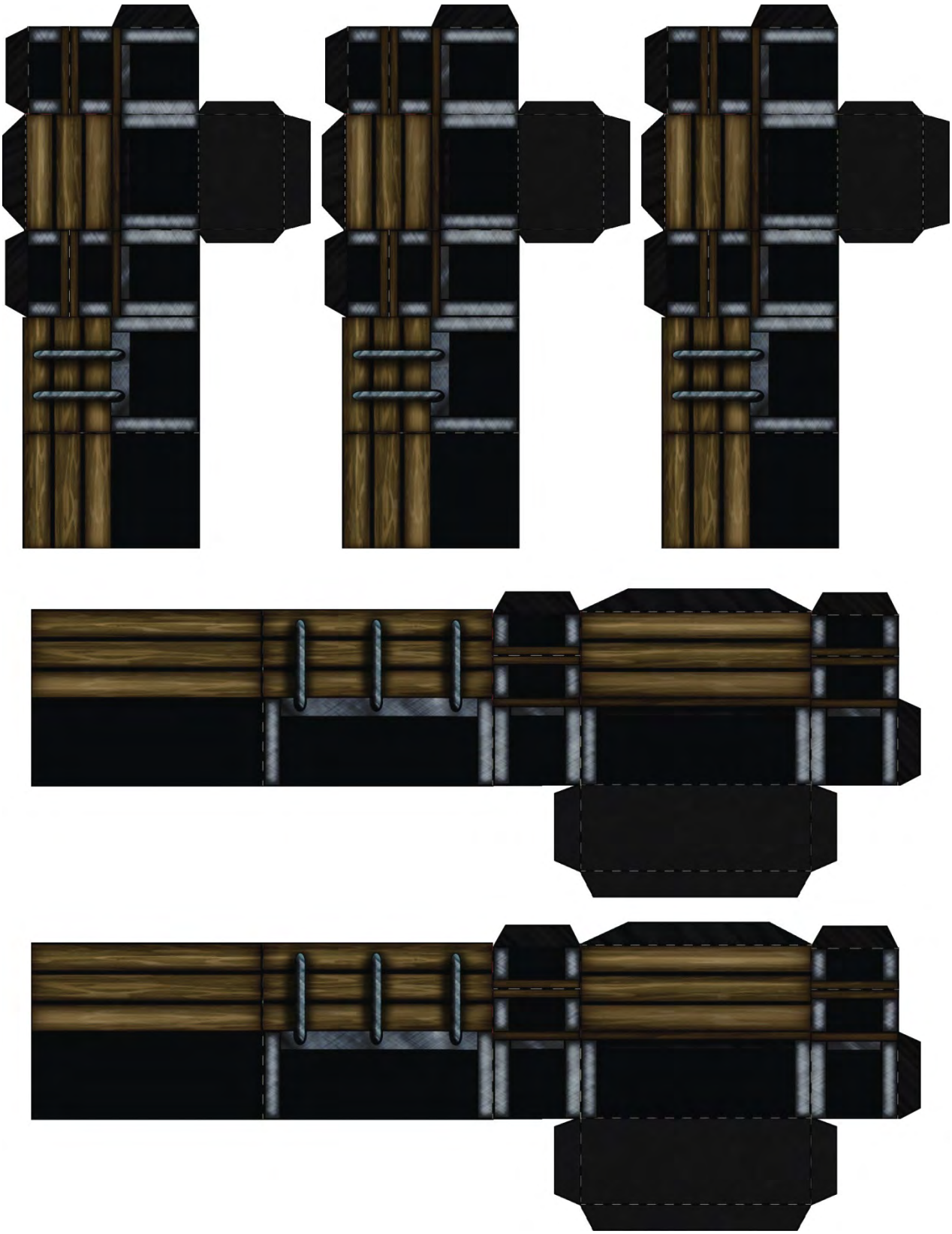

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