



# PORTABLE ADVENTURE KIT ASSEMBLY INSTRUCTIONS

Read all instructions before beginning. Print the pieces you need on cardstock. A minimum weight of 60# card is recommended, but heavier cardstock increases the overall stability of your model. See the next page for ideas on configuration. The set is designed to allow you to create 4" by 4" tiles that you can configure to your needs. Cut out each piece along the black lines with scissors or a craft knife. If using a craft knife, cut on a self-healing cutting mat to prevent damage to your table. Assembling the pieces can be done with either glue or paste. If using glue, use a craft glue or thinly apply white glue to prevent warping of the paper.

This kit is designed to be constructed as a series of 4" x 4" tiles with collapsible walls and stairs. To build a tile, start by cutting out a floor section. Determine what walls or stairs are needed (see the section on configurations for ideas on how to construct specific tile layouts). Cut and assemble each section. To create a full dungeon, unfold and arrange the tiles to fit your needs. To keep tiles together, attach them with a paper clip at the tabs that stick up from the walls.

Supports are provided for the structures in this set. The supports give the structures more rigidity and allow them to support more weight. In many cases, you should find that the structures aren't needed, especially if you are using heavy cardstock. However, if you are

using pewter miniatures, you may want to use supports on the stairs. Experiment with and without supports to determine what works best for you. If you use the supports, each support is glued into the structure according to the directions. When you unfold the structure, stick your finger into the structure and push the support open so it runs across the inside of the structure. When you need to collapse the structure, push the support flat against the side.

Each piece is designed to fold down and lay flat against the floor. You will need to determine the order of folding based on the configuration of the assembly, but usually stairs should be folded down before walls. When multiple pieces are used on a tile, they are likely to overlap when folding, resulting in a bulge in the middle of the folded assembly. This is normally not a concern, but if you have stairs with supports, they have many layers when folded and the walls may bend when folded down over them. If this is a problem, you can raise structures by gluing their base onto several layers of cardstock or light cardboard before gluing it to the floor. This will raise the walls just high enough that they will fold flatter.

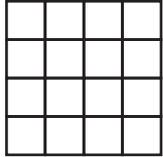
Helpful Hints: Before the glue sets on a structure, try collapsing it. The structure can be sensitive to small imperfections in the build and render it difficult to fold down. This is remedied by testing how it folds and readjusting your glue tab or your folds.

# TILE CONFIGURATIONS



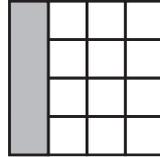
Here are some basic tile configurations to get you started with the Portable Adventure Kit. Obviously, there are many more possibilities. Experiment with different arrangements to fit your needs.

Empty Floor



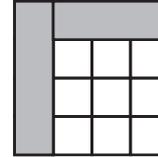
This is the most basic configuration. It is nothing more than a floor tile with no walls. It is useful when creating large rooms with empty space.

Basic Wall



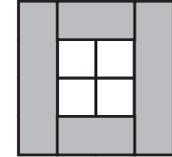
Just a tile with a full-sized wall attached along one side. Using several of these together creates long sections of walls.

Corner



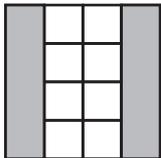
To create corners for your rooms, attach one full-sized wall and one wall that has been trimmed to 3 inches in width.

Small Room



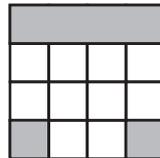
A 10' x 10' room can be created with two full-sized walls and a full-sized wall that has been cut in half to form two 2" walls.

Hallway



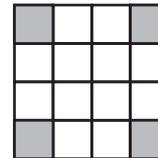
Hallways can be built by placing two full-sized walls on opposite sides of the floor tile.

T-Section



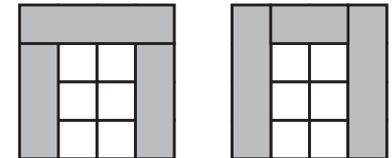
To build a T-section, place a full-sized wall along one edge of the tile. Cut two 1-inch sections from a wall and place them on the opposite end of the tile. 1-inch sections have the least rigidity, so you may want to consider using supports for extra stability.

4-way Intersection



Cut a wall into four 1-inch sections and place them on the corners of the floor tile. 1-inch sections have the least rigidity, so you may want to consider using supports for extra stability.

Dead End



To build a dead end to a hallway, build two full-sized walls and place the opposite each other. Cut a wall to 2 inches and place it at the end of the hallway. Alternatively, you may use a full-sized wall at the end and two 3-inch sections on the sides. To have a hallway end in stairs, replace the end wall with a rear-folding stair.

# WALL ASSEMBLY



All of the walls are built the same way. Cut out the wall section and fold along the grey, dashed lines. Fold down the tab and glue it to the back wall (Fig 1). If you are using the support structure, glue the tab to the inside of the back wall (Fig 3). Glue the white tab to the bottom, inside of the box. (Fig 4). When complete, the wall should appear like Fig 5. The base of the wall is then glued to the floor panel (Fig 6). Sometimes you will need walls that are less than four inches wide. The walls are marked at the floor and the glue tab with black lines at one inch intervals. Before assembling the wall, use these guides to cut your wall to the right size.

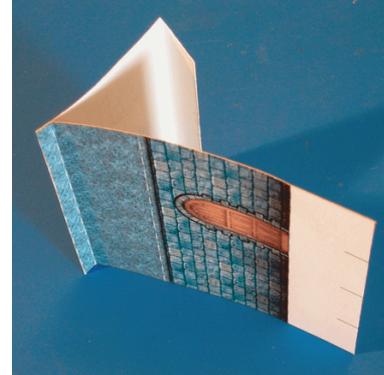


Fig 1

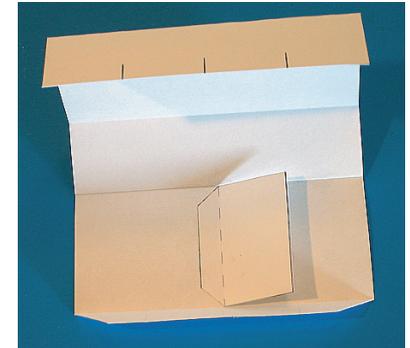


Fig 2

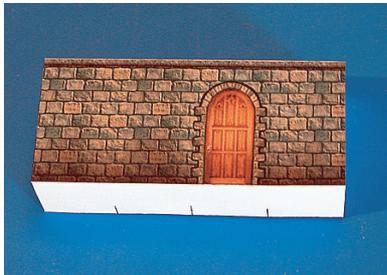


Fig 3

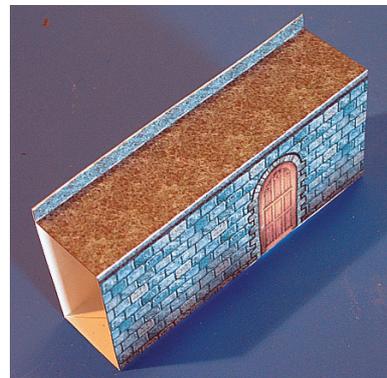


Fig 4

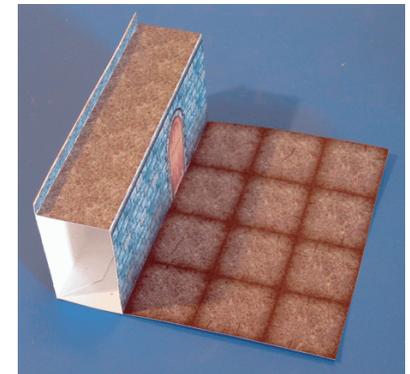


Fig 5

# REAR-FOLDING STAIRS ASSEMBLY



The stairs are formed of three box-like structures glued together to form stairs. Cut out each section of the stairs. If you are using the support structures, glue each support onto the inside of the back of each section, similar to creating a wall. The first two steps are folded over and glued into a box with the sides open. The highest step is assembled like a wall section (Fig 1). Depending on the configuration of the tile, you may choose to use a regular wall section instead of the rear step.

The front two steps are glued to the step behind it as shown in Fig 2. The entire assembly is glued to the floor tile (Fig 3).

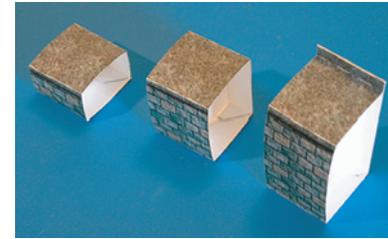


Fig 1

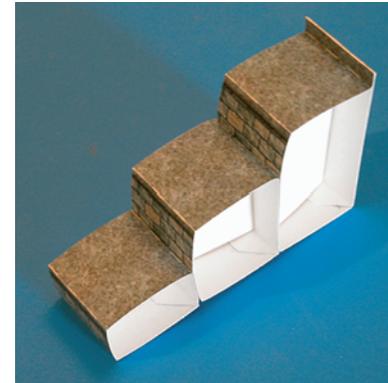


Fig 2

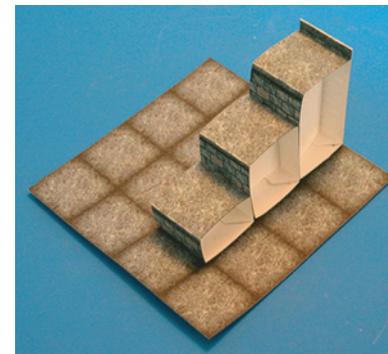


Fig 3

# SIDE-FOLDING STAIRS ASSEMBLY



The side-folding stairs consist of one side of the stairs and three strips which will form the individual steps. Cut out the assembly, making sure to cut along the solid black lines that separate each of the steps. If you are using the supports, glue the tab of each support to the inside of the back wall of each strip (Fig 1). Make sure that each support folds toward the back of the stairs structure. The support for the highest step will extend beyond the back of the stairs when the assembly is folded. If you are using the supports, you should either build your tiles so that there is no wall directly behind the steps on the tile or trim the support so it doesn't extend beyond the stairs when collapsed. While trimming the supports will diminish their supporting capacity, they still function well when trimmed.

Each strip folds around and the tabs are glued to the inside of the back wall to form a box (Fig 2). To attach the stairs, glue the white side to a wall and the bottom to the floor tile (Fig 3).

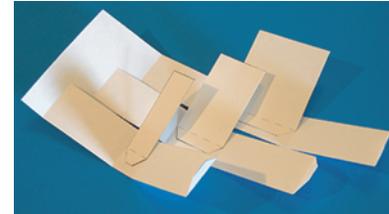


Fig 1

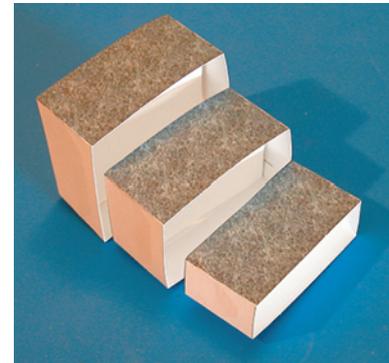


Fig 2

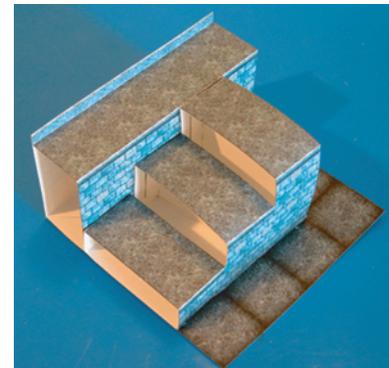
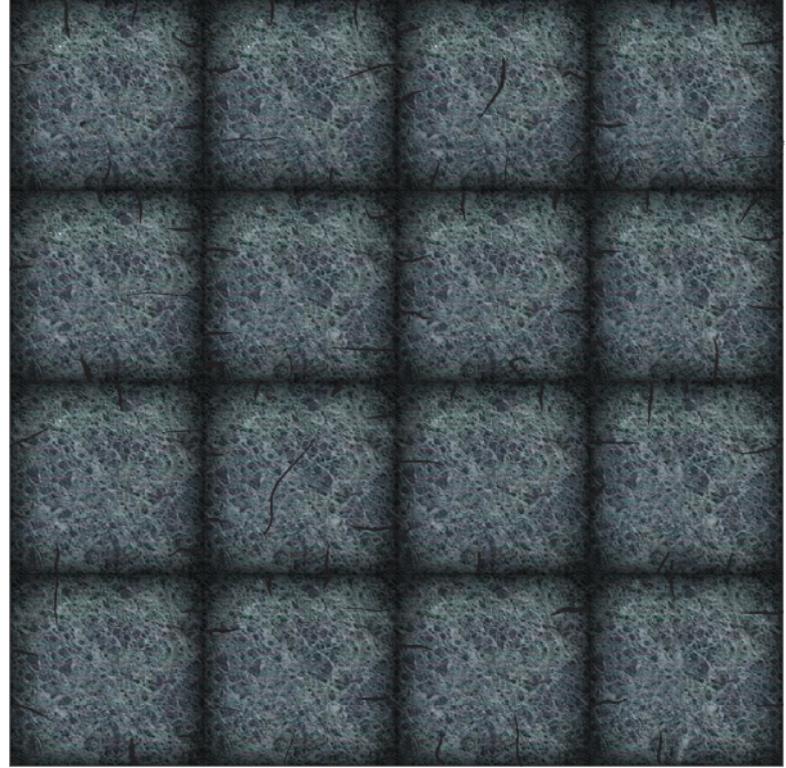
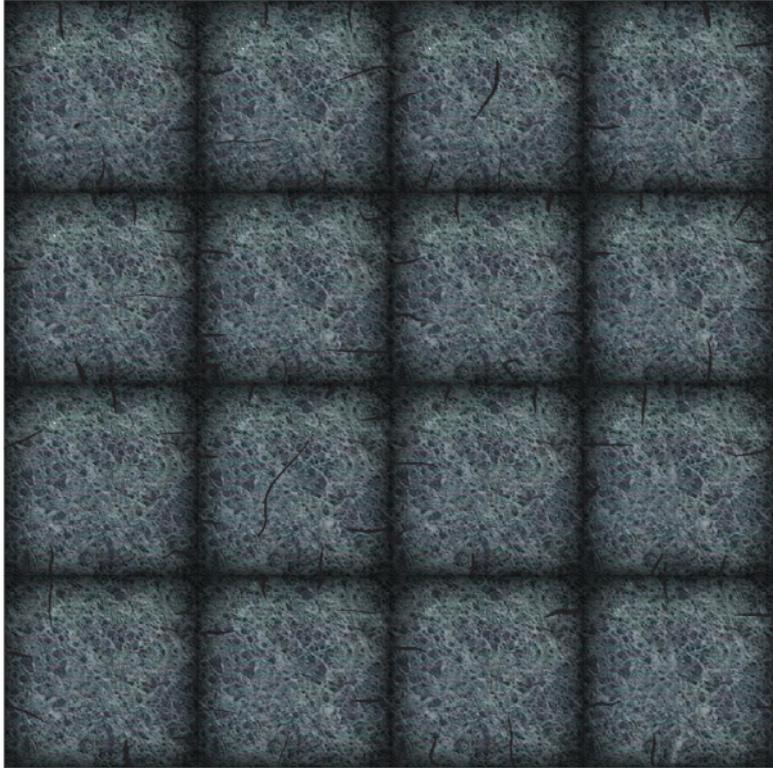


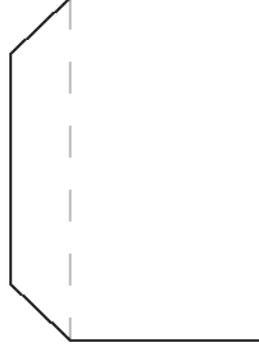
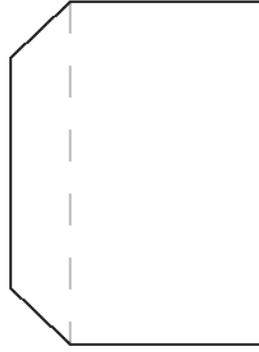
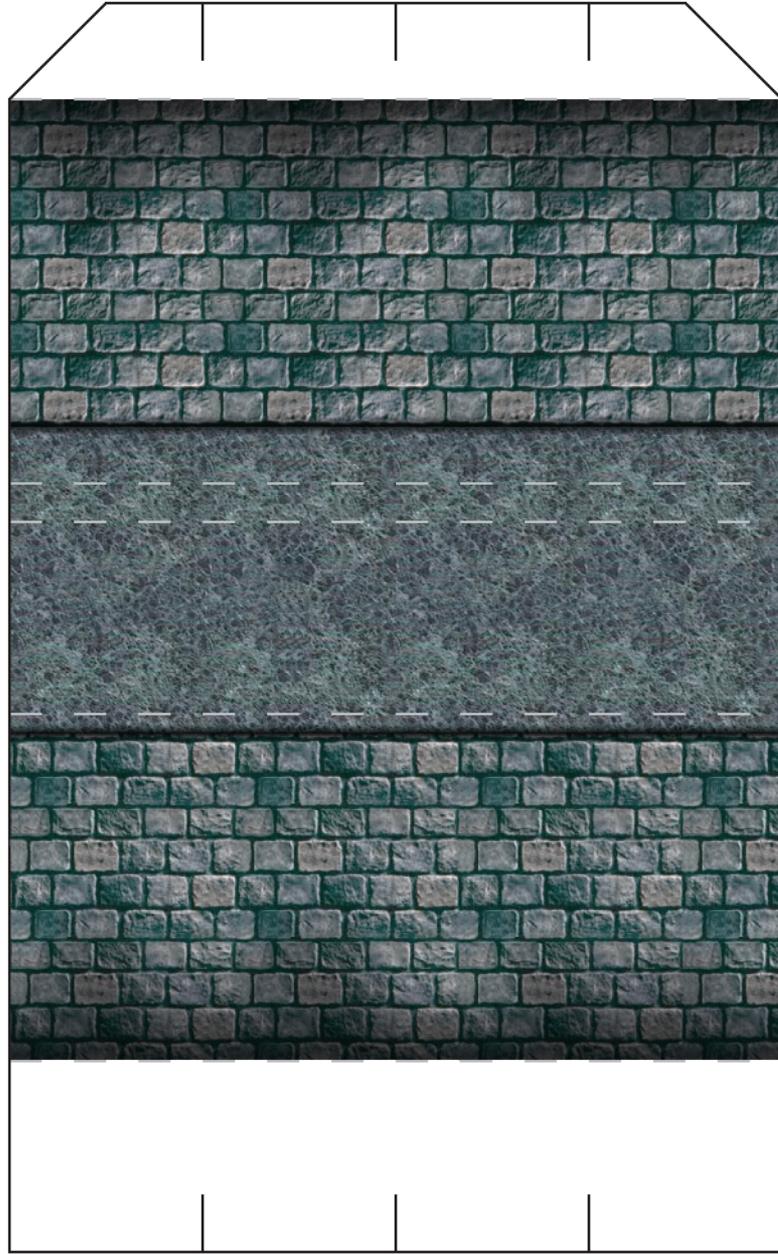
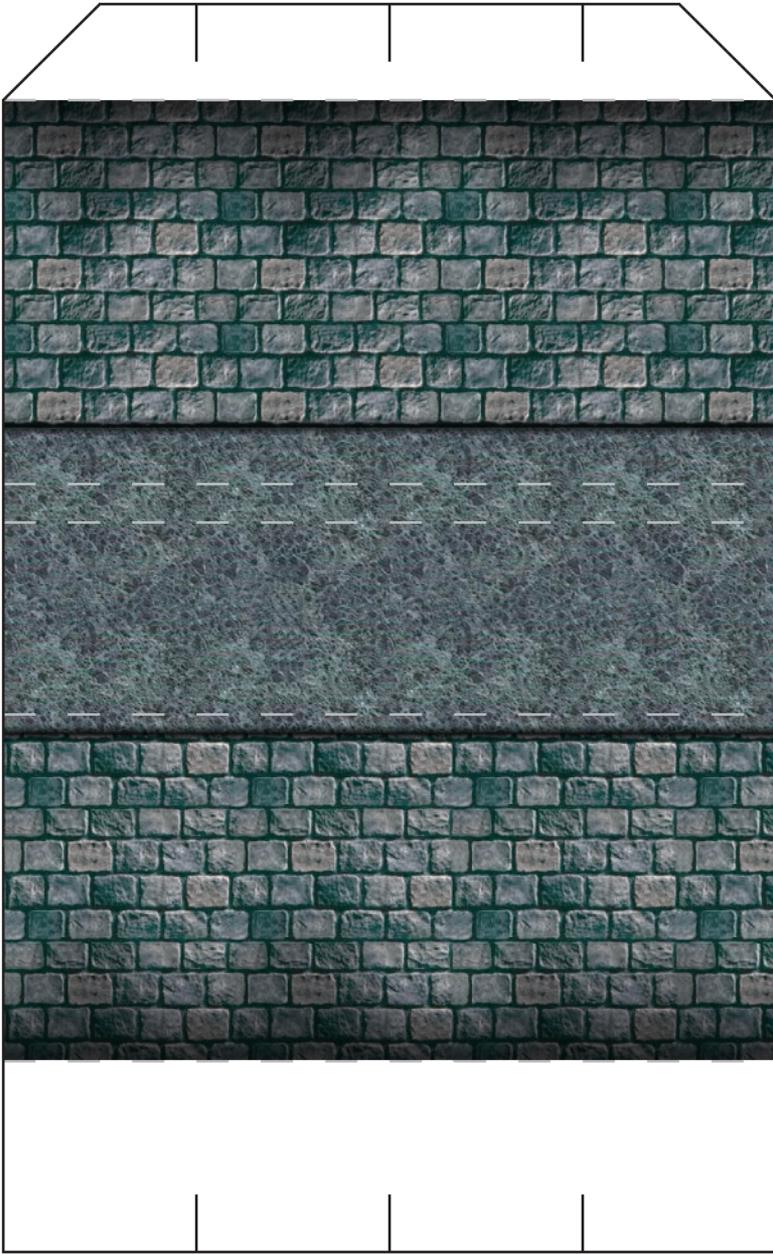
Fig 3



BASIC FLOOR SQUARES

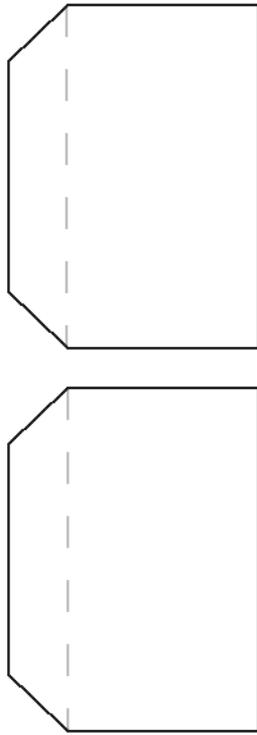
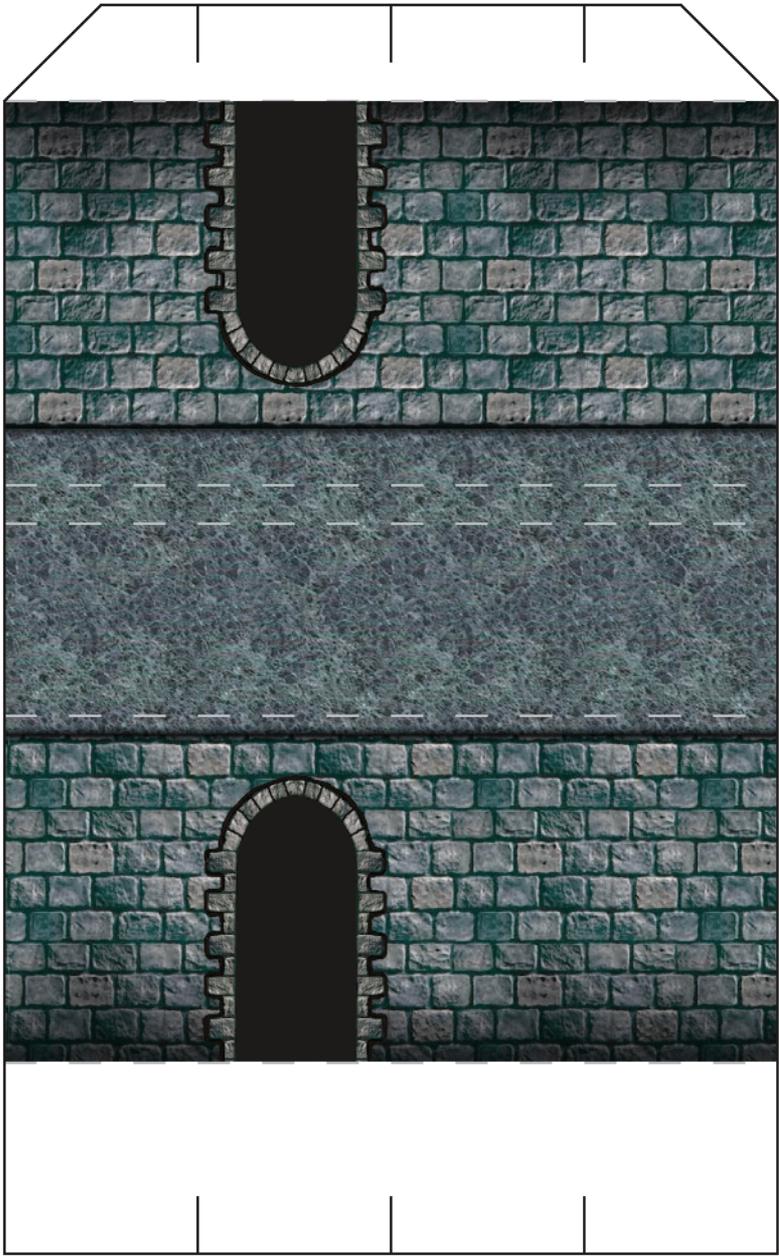
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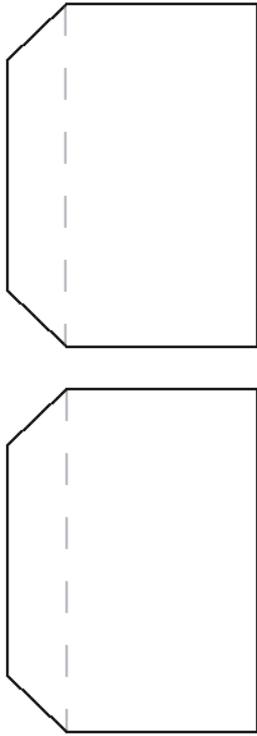
BASIC WALLS

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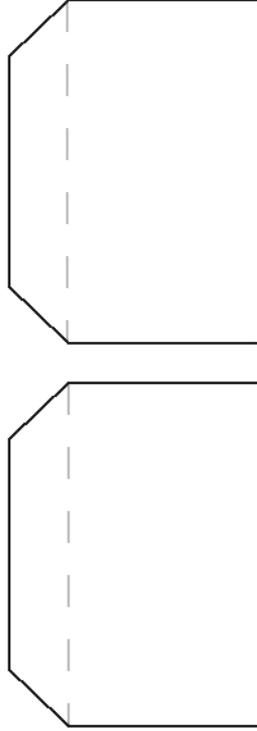
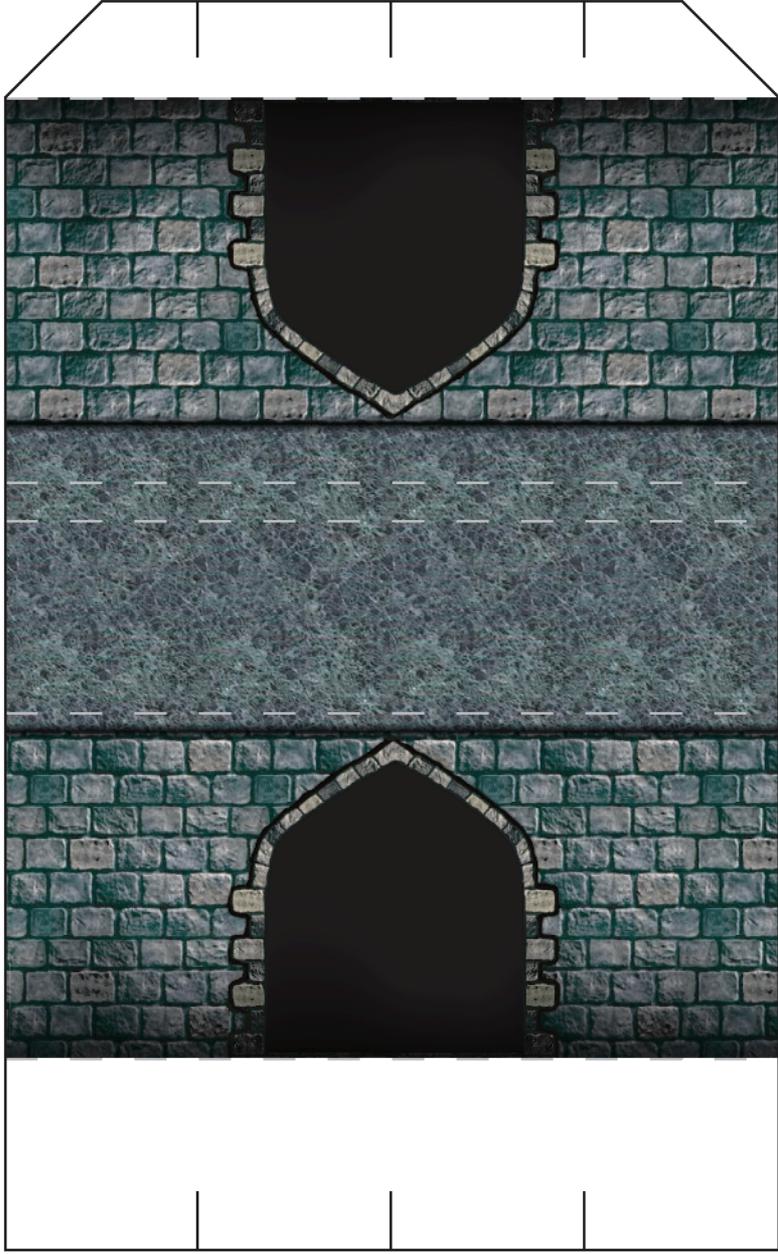
BASIC WALLS WITH ARCH

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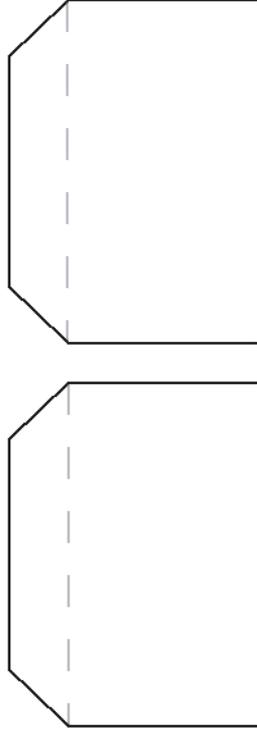
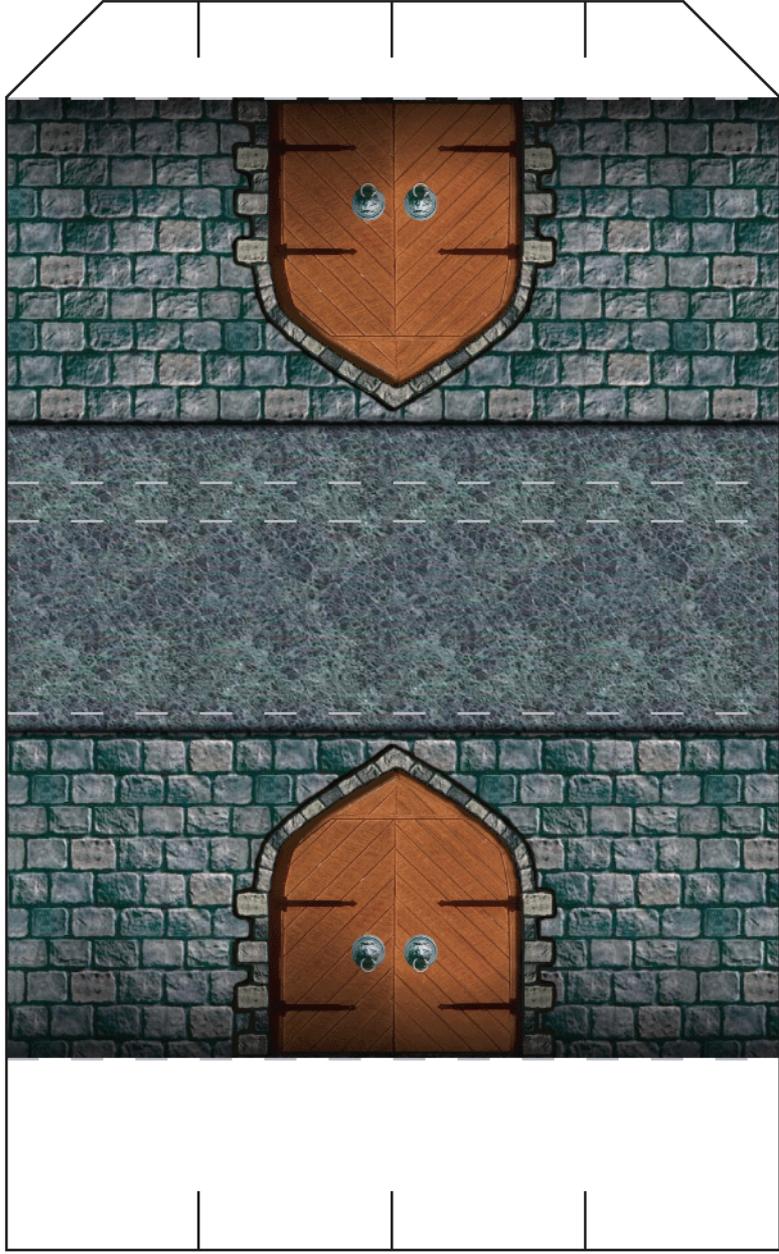
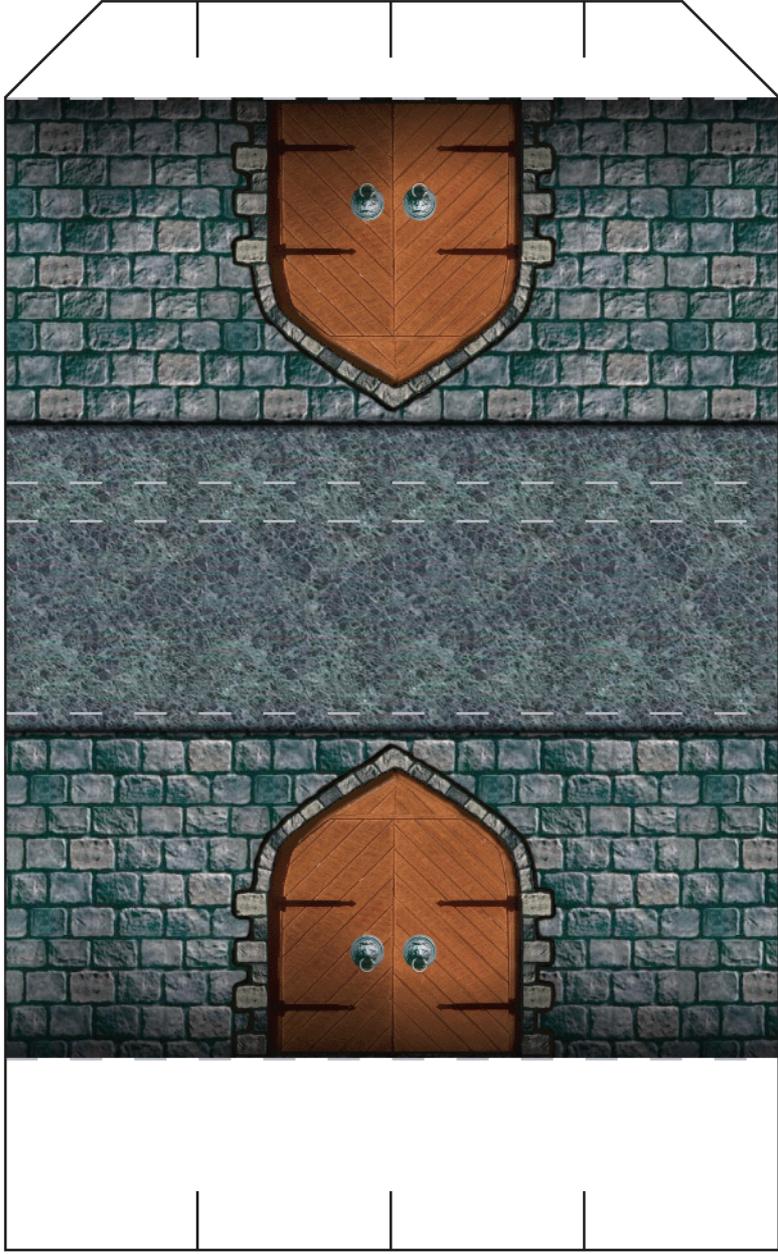
BASIC WALLS WITH DOOR

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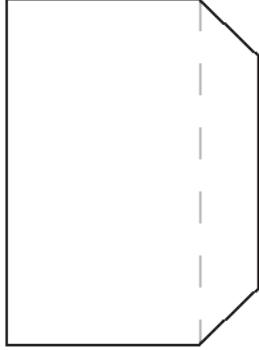
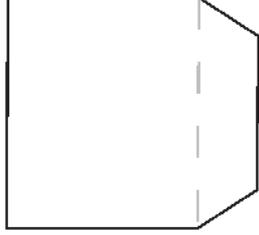
BASIC WALLS WITH WIDE ARCH

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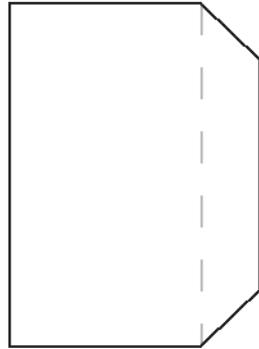
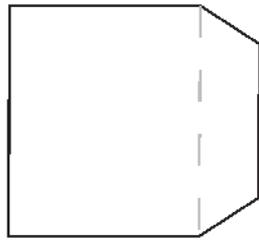
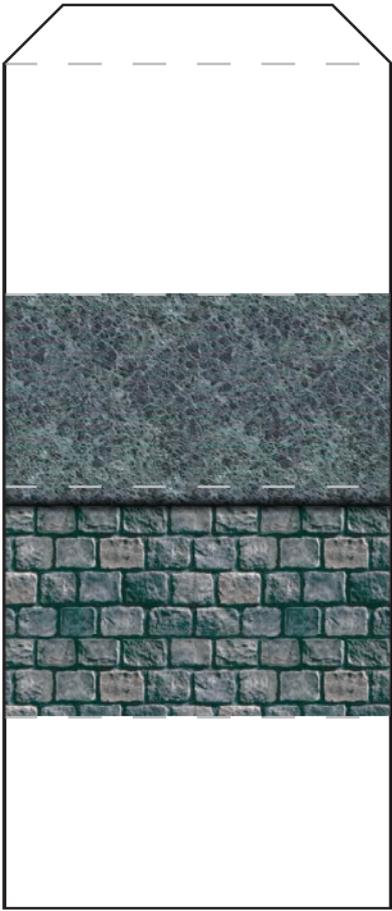
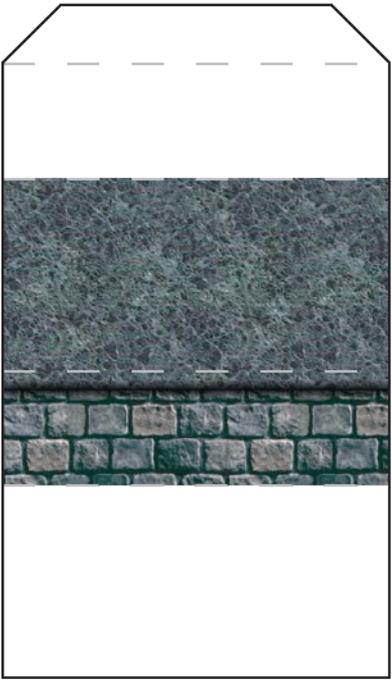
BASIC WALLS WITH DOUBLE DOOR

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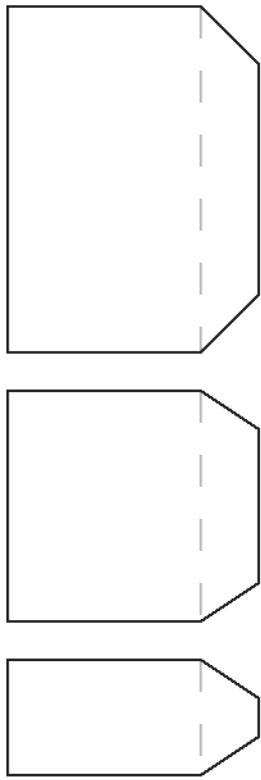
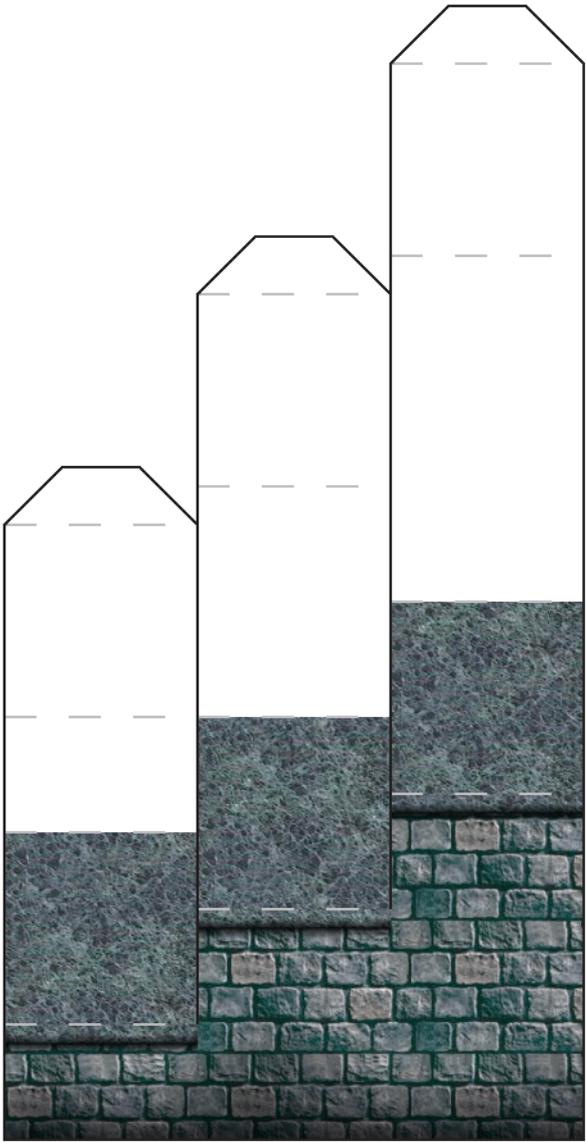
REAR-FOLDING STAIRS

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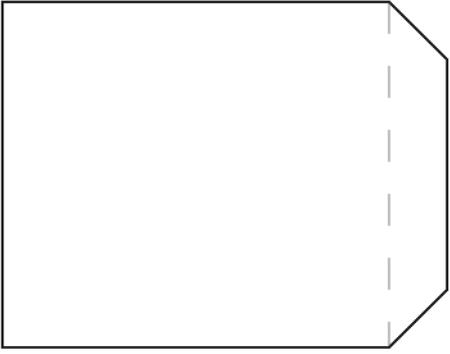
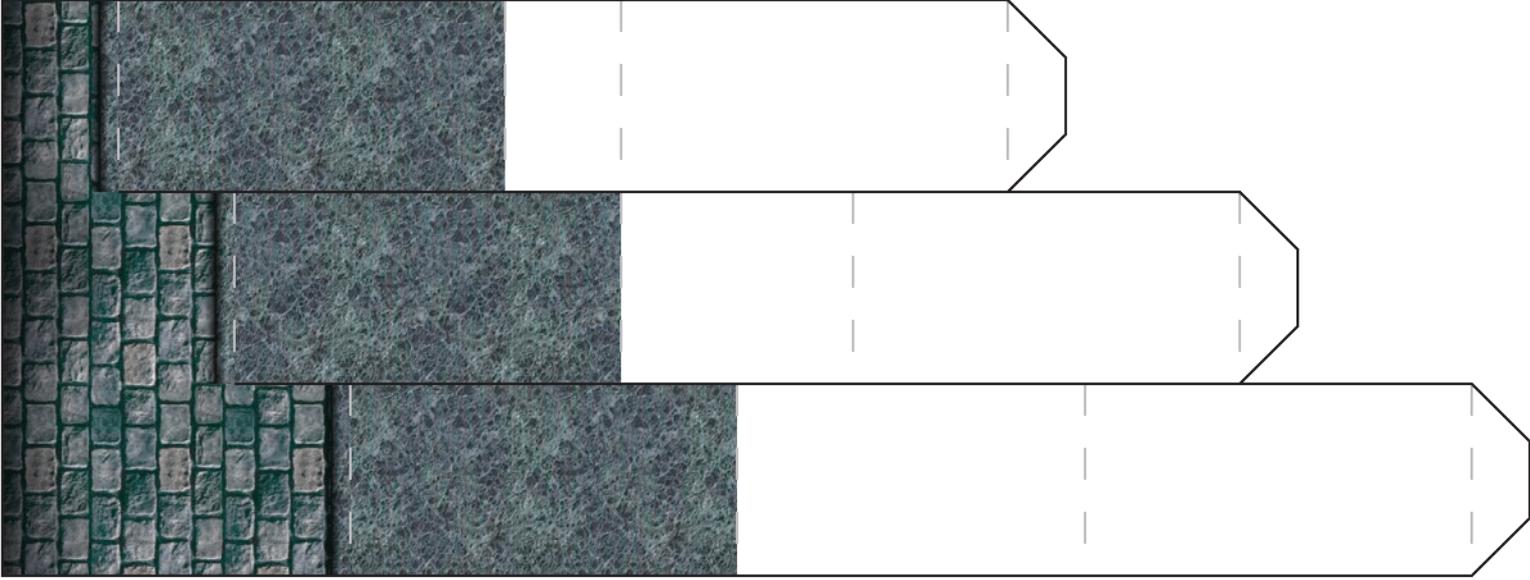
REAR-FOLDING DOUBLE-WIDE STAIRS

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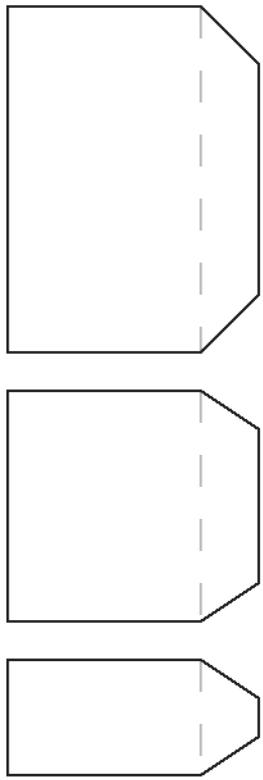
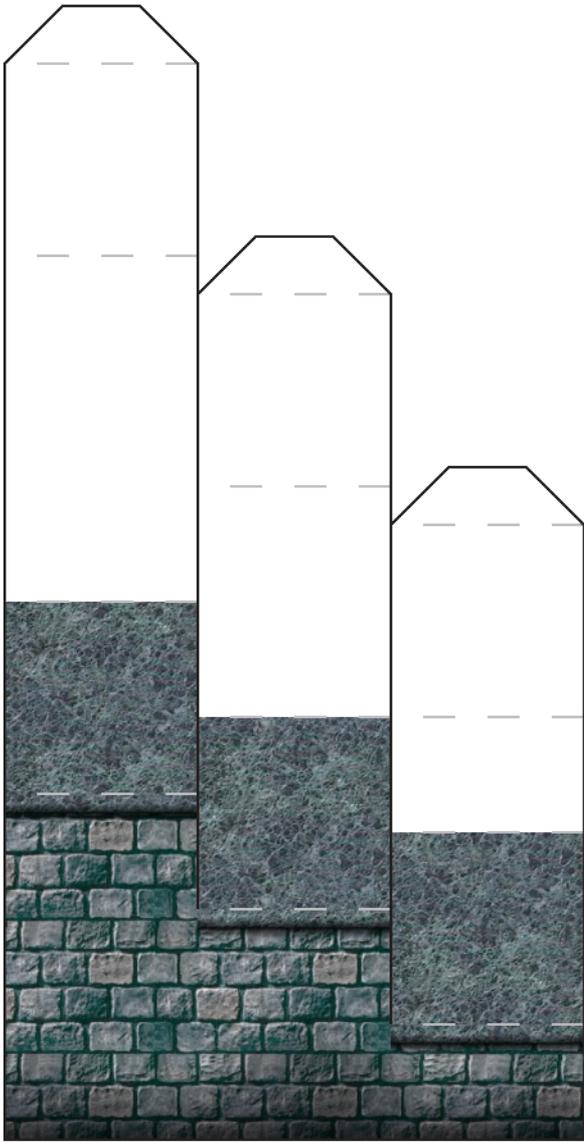
SIDE-FOLDING STAIRS (RIGHT)

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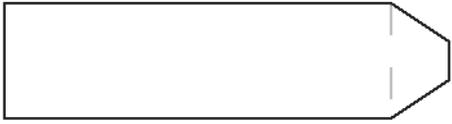
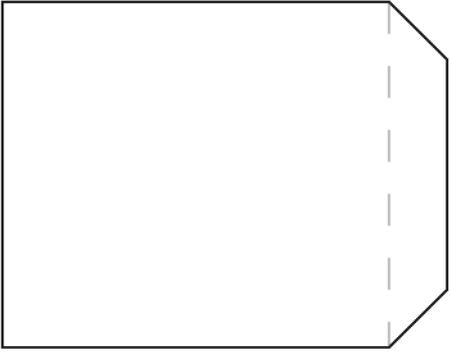
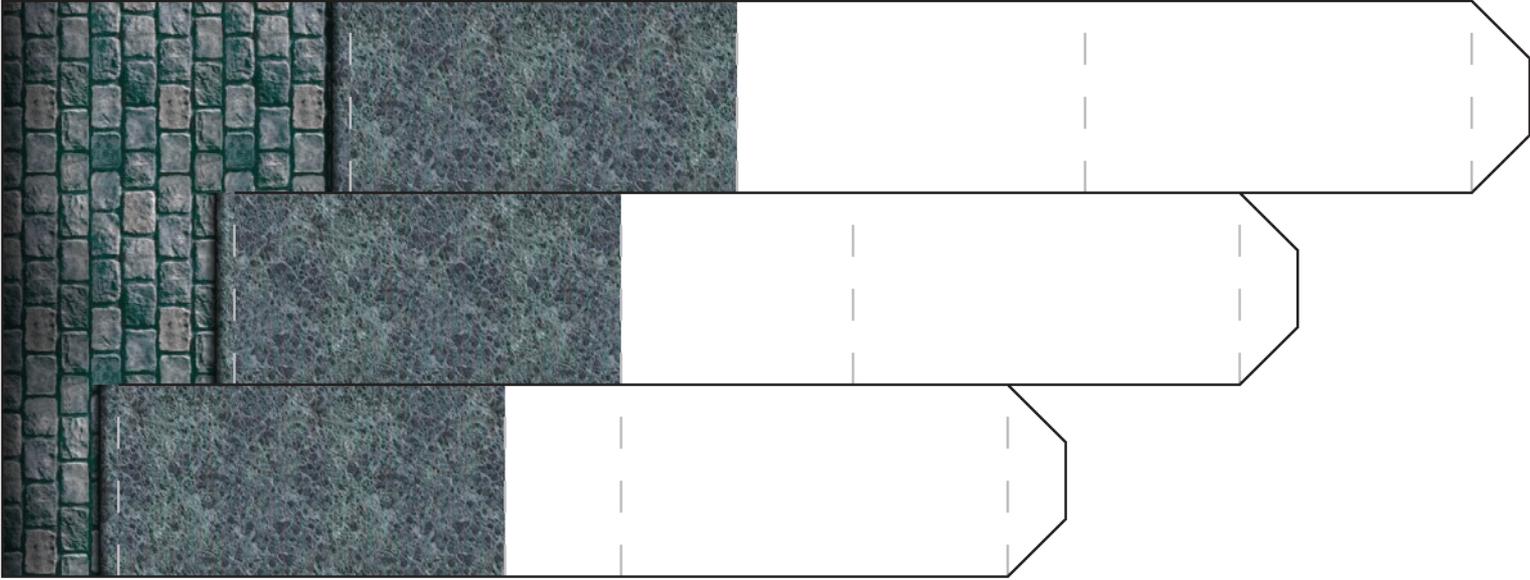
SIDE-FOLDING DOUBLE-WIDE STAIRS (RIGHT)

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SIDE-FOLDING STAIRS (LEFT)

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SIDE-FOLDING DOUBLE-WIDE STAIRS (LEFT)

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