District Department of Transportation

Corral Design Guide

Surface mural design options for scooter and bicycle corral zones.

GOVERNMENT OF THE DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

How to Use the Guide

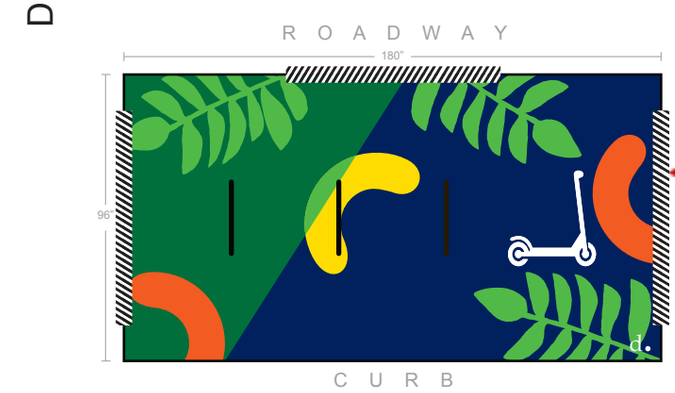
The guide consists of two types of corral designs.: full color and stencil only designs. The first set of eight (8) designs are “full color” designs which consist of two layers: a base layer and a stencil layer. The second set of five (5) designs are “stencil only” designs and consist of one layer: a stencil layer. Each design is followed by the recommended stencil dimensions for that design. These sizes can vary as needed.

When painting, follow the order of the layers to recreate the designs.

Here is the first full-color design with annotations:

Base Layer: Paint this first, then let it dry. Allow at least 24 hours to dry.

Stencil Layer: Cut out the stencils, lay them out as recommended, and paint. The color will be more vibrant if you paint a white stencil layer first, and then apply the color coat on top of the white.



"Final Design: Shows typical layout of bicycle rack, scooter area, curb, and roadway."

Color Guide: Use when purchasing paint supplies.

Step by Step Guide

1. **Choose Design.** Choose your design from the options in this guide. Full color designs require an extra step of painting the base layer and then painting the stencil layer, whereas stencil only designs require only one layer using stencil patterns on the asphalt.

2. **Acquire Supplies.**

   a. Stencils. You may order the stencils associated with your design or cut them yourself out of cardboard, poster board, thin plastic, or other similar products. See the resource list for an example of a company that creates stencils.

   b. Paint. Use the approved color code guide when ordering paint from your local hardware store, paint store, or arts and crafts store. If choosing a full color design, it is recommended to first prime the ground with a coat of white paint.

   c. Materials. Heavy duty full-size rollers or wide paint brushes are recommended to apply the white prime coat and base layer. For the stencils, use spray paint or a 2" to 4" paint brush. Other materials include plastic tarp, drop cloth, or cardboard boxes to protect the surrounding area from paint spills; painter's tape or duct tape to paint straight lines; and gloves to protect your hands from paint.

3. **Prep the Surface.** It is recommended to power wash the surface with an asphalt degreaser. This product is found at any hardware store or online, usually under the name "driveway cleaner". Simple Green is a good brand option available at Home Depot. If you do not have a power washer, you can also use a deck brush (attached to a pole) and a degreaser. Make sure the surface is completely dry before painting. A leaf blower will aide in drying the surface more quickly if needed. If you wash one day and paint the next, be sure and sweep the area right before painting.

4. **Paint the Corral.** Check the weather forecast to make sure you can expect no rain for at least the next 24 hours. Your paint will dry best when it's warmer than 50 °F (10 °C) outside. For full color designs with multiple base colors, it is recommended to use painter's tape or duct tape to keep lines straight.

5. **Safety.** Use traffic cones to protect the area and to make drivers aware that you are in the roadway. It is advisable to wear some type of fluorescent vest. Do not store materials in tree boxes. Ensure that you bring enough cones to block off a paint storage area.

Approval Process

1. **Applicants.** Business Improvement Districts (BIDs), Main Street Organizations (MSOs), and Advisory Neighborhood Commissions (ANCs) are the only eligible organizations who can apply to paint a bicycle and scooter corral. Other organizations or groups must partner with the local ANC, respective BID, or MSO. The ANC, BID, or MSO will be responsible for maintenance of the approved design.

2. **Process.**
   a. ANCs, BIDs, or MSOs must complete a Corral Ground Mural Application and submit it to Neighborhood.Planning@dc.gov. The application includes information about the proposed location, the chosen design, the date of installation, and contact information.

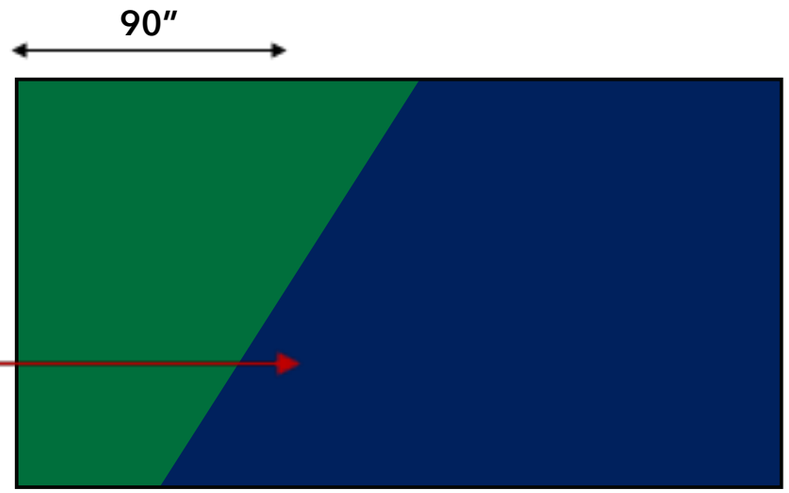
   b. The Neighborhood Planning Team will review the application and notify the applicant of their decision within three (3) business days.

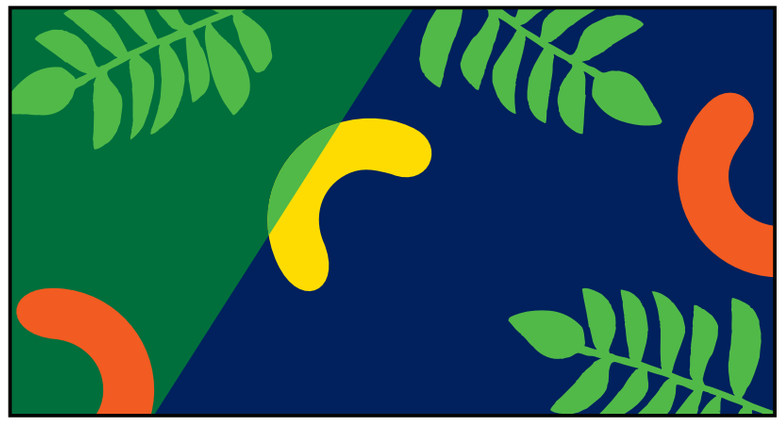
   c. If the application is approved, the Applicant can move forward with implementing the design. Once installed, the Applicant must send a photo verification of the completed corral via email to Neighborhood.Planning@dc.gov.

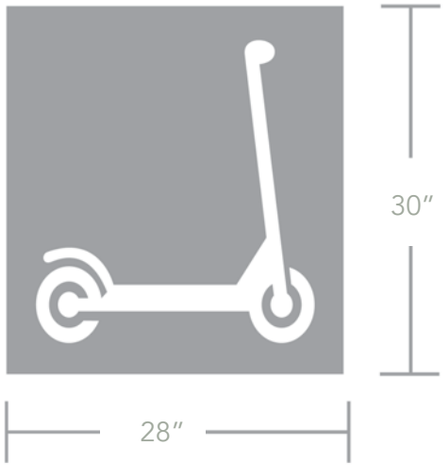
Designs

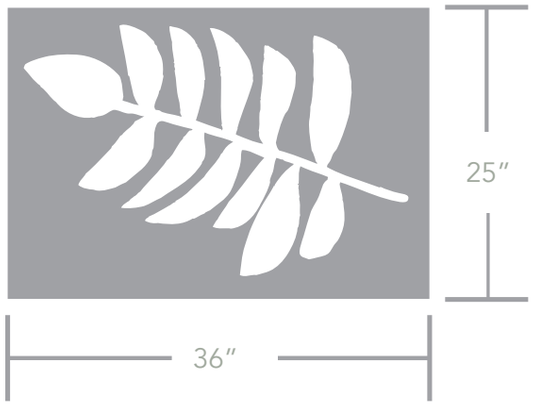
FULL COLOR DESIGN 1: FERNS

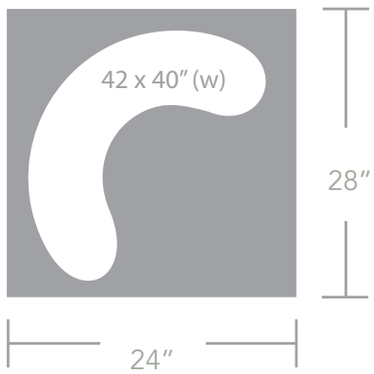
Use tape to create the edge for each color block.

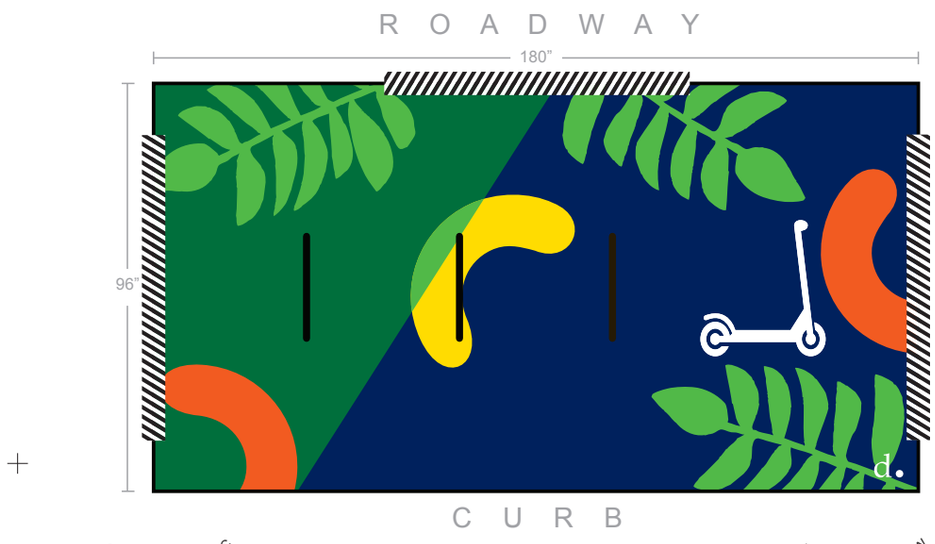












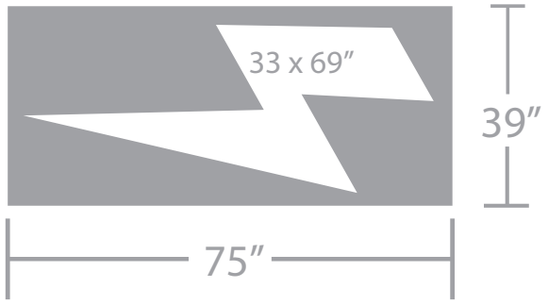
PANTONE 349 C
PANTONE 2767 C

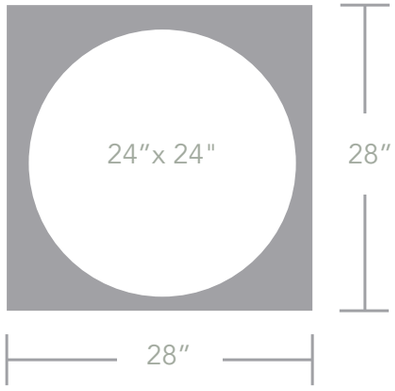
BASE COAT = PANTONE SOLID COATED EXT. LATEX

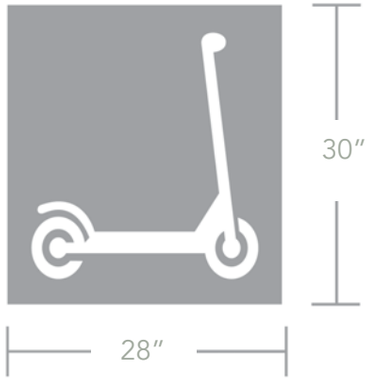
CH 6050 GREEN
CH 1020 YELLOW
CH 2010 ORANGE

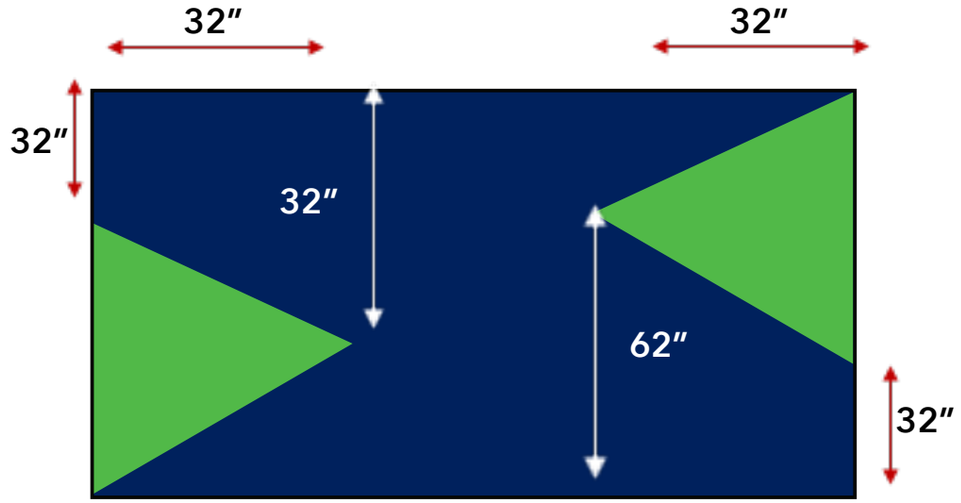
STENCIL COAT = MONTANA CHALK SERIES

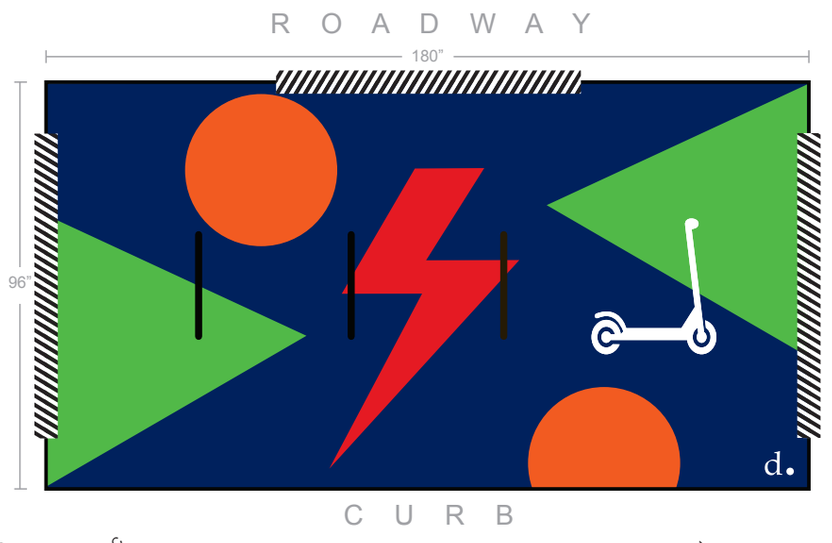
FULL COLOR DESIGN 2: LIGHTNING

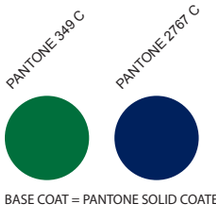




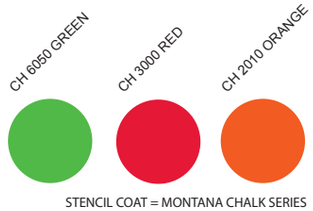






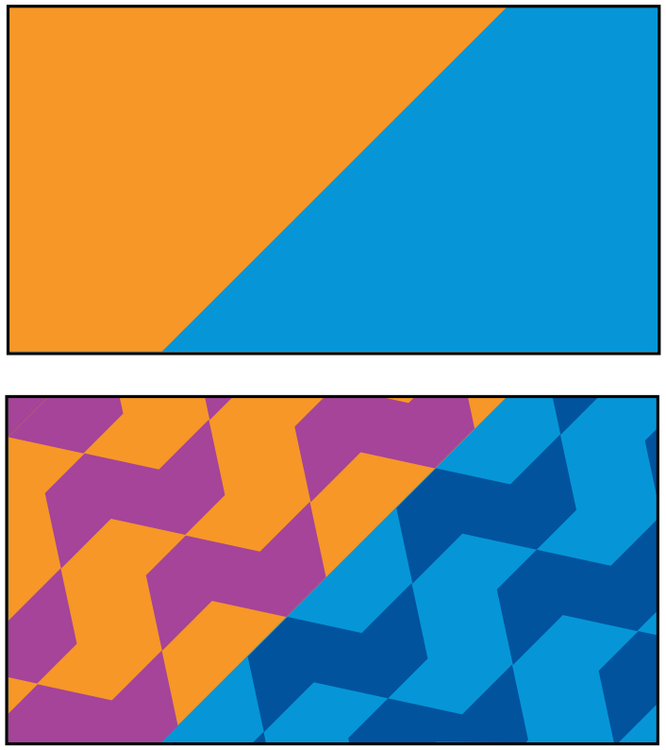


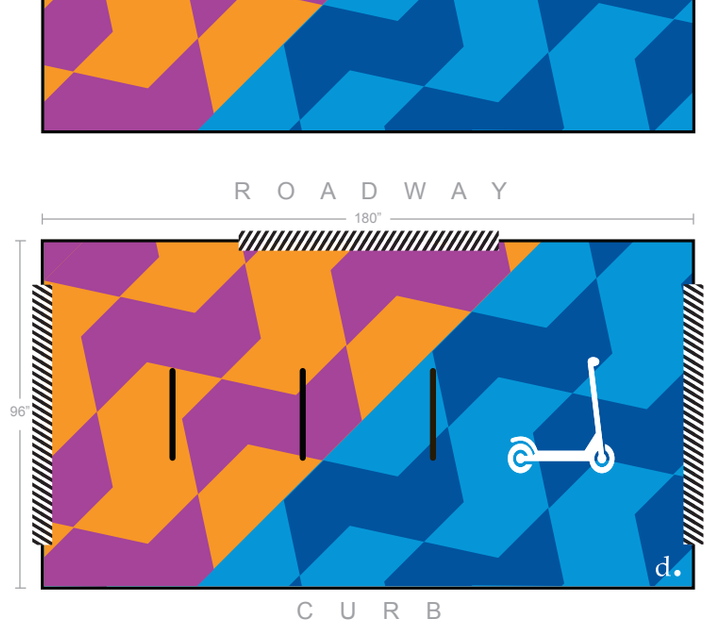
BASE COAT = PANTONE SOLID COATED EXT. LATEX

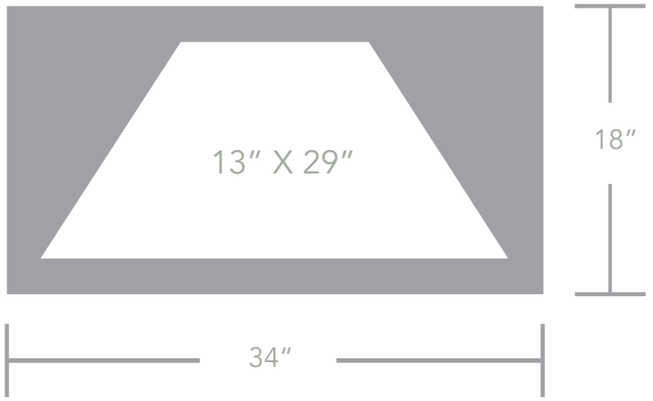


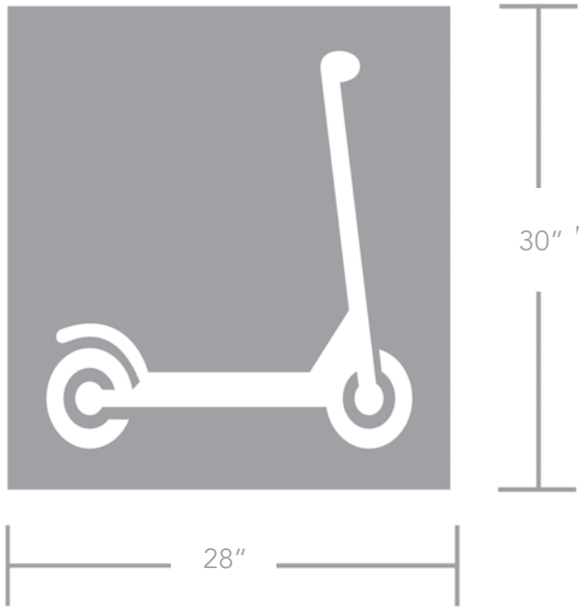
STENCIL COAT = MONTANA CHALK SERIES

FULL COLOR DESIGN 3: TILE

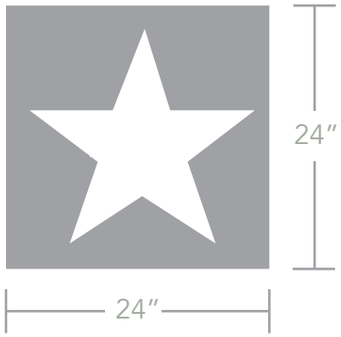




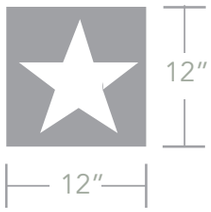




FULL COLOR DESIGN 4: ABSTRACT DC FLAG

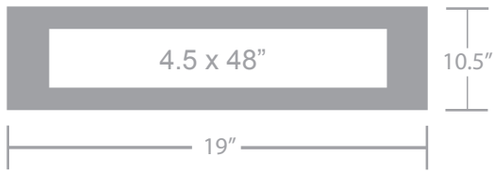


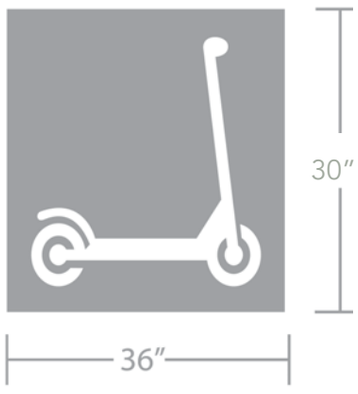
cutout dimensions - 13 (h) x 13″ (w)

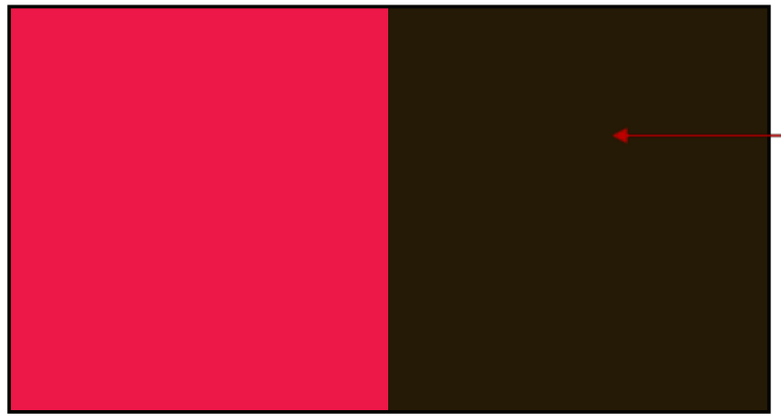


cutout dimensions - 3 (h) x 36″ (w)

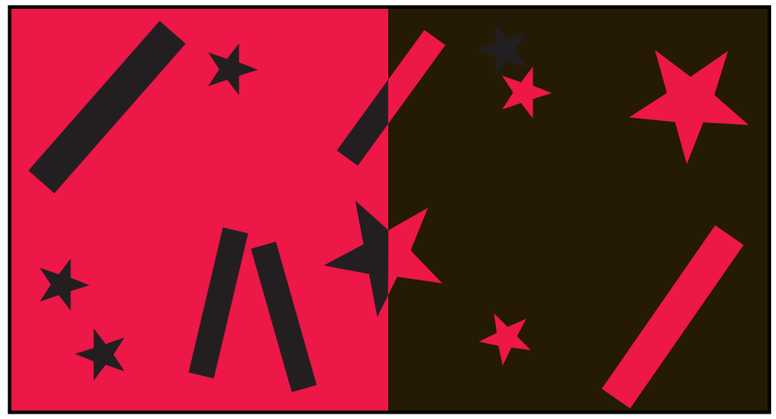
cutout dimensions - 4.5 (h) x 48″ (w)







This can be unpainted asphalt if preferred



R O A D W A Y

C U R B

PANTONE 1797 C

BLACK

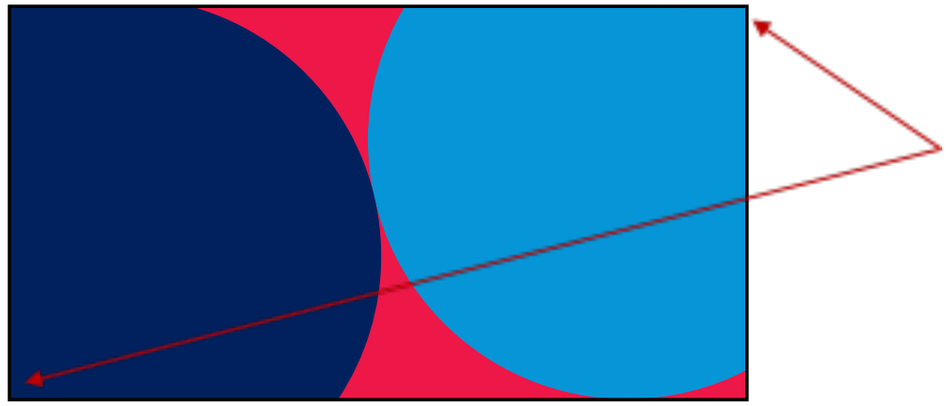
BASE COAT = PANTONE SOLID COATED EXT. LATEX

CH 3000 RED

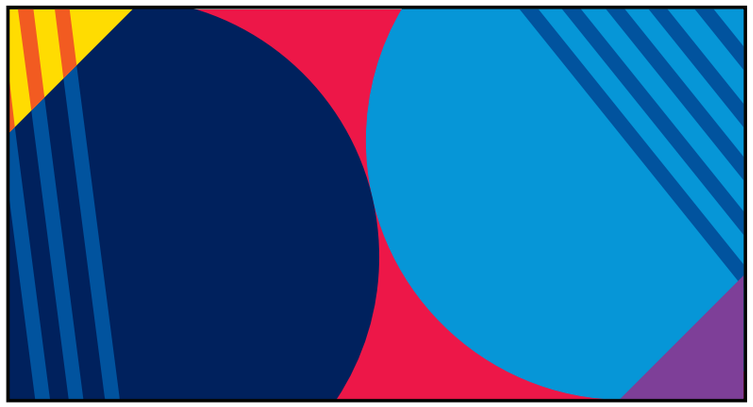
CH 9000 BLACK

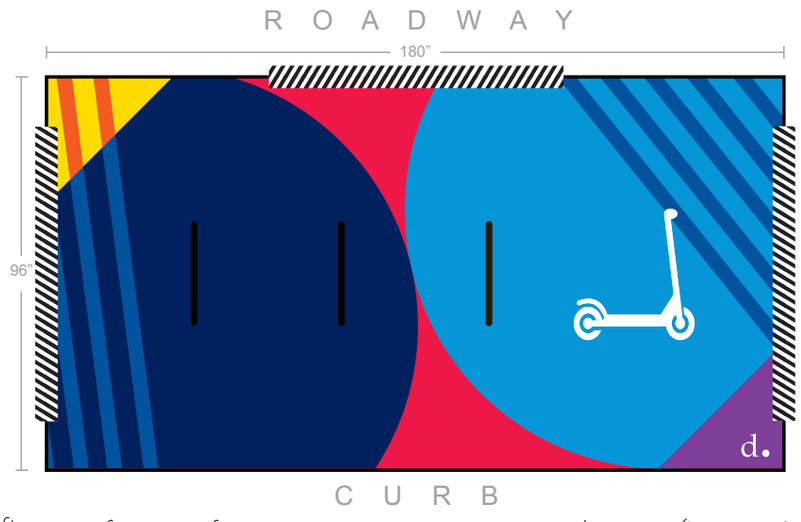
STENCIL COAT = MONTANA CHALK SERIES

FULL COLOR DESIGN 5: CIRCLES



Tape down a piece of string in the corner with a piece of chalk tied to the end to create an arc.





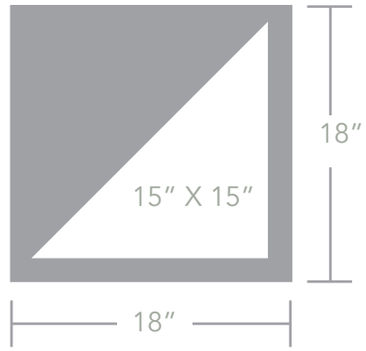
PANTONE 2925 C
PANTONE 2767 C
PANTONE 1797 C

BASE COAT = PANTONE SOLID COATED EXT. LATEX

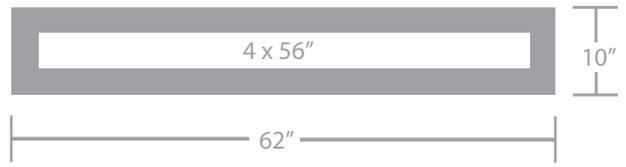
CH 1020 YELLOW
CH 2010 ORANGE
CH 4151 VIOLET
CH 5060 BLUE

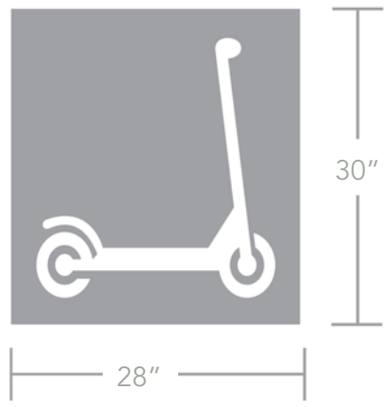
STENCIL COAT = MONTANA CHALK SERIES

cutout dimensions - 15" (h) X 15" (w)



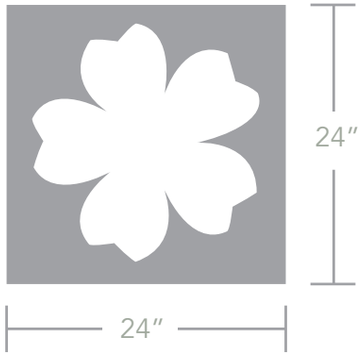
cutout dimensions - 4 (h) x 56" (w)



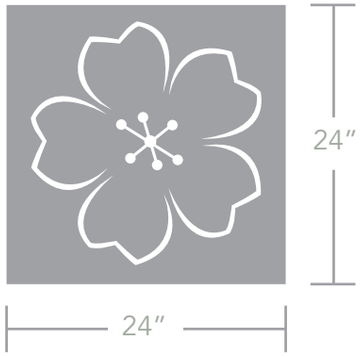


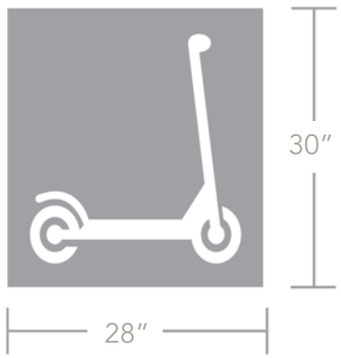
FULL COLOR DESIGN 6: CHERRY BLOSSOMS

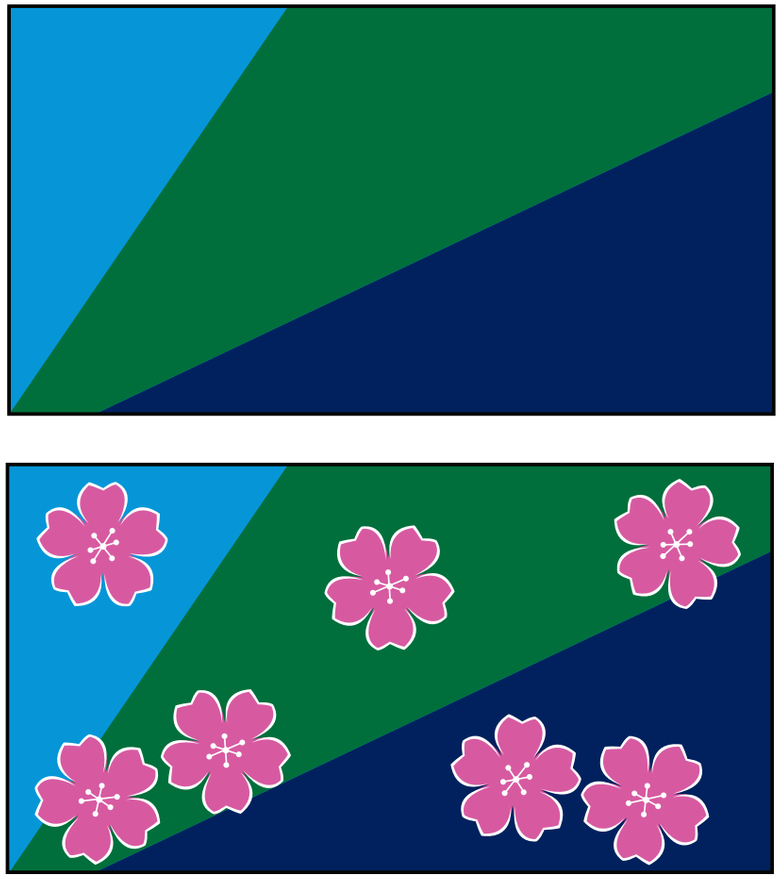
cutout dimensions - 19"x19"



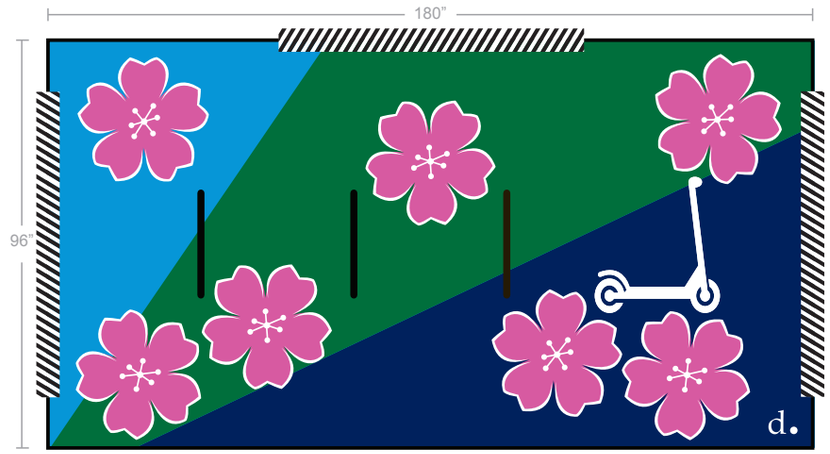
cutout dimensions 19"x19"







R O A D W A Y



C U R B

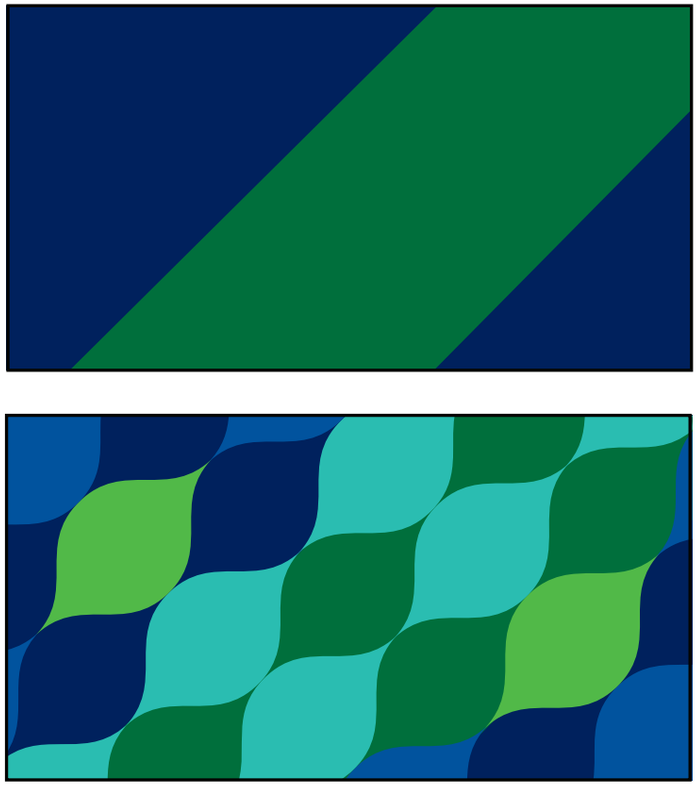
PANTONE 2925 C
PANTONE 2767 C
PANTONE 349 C

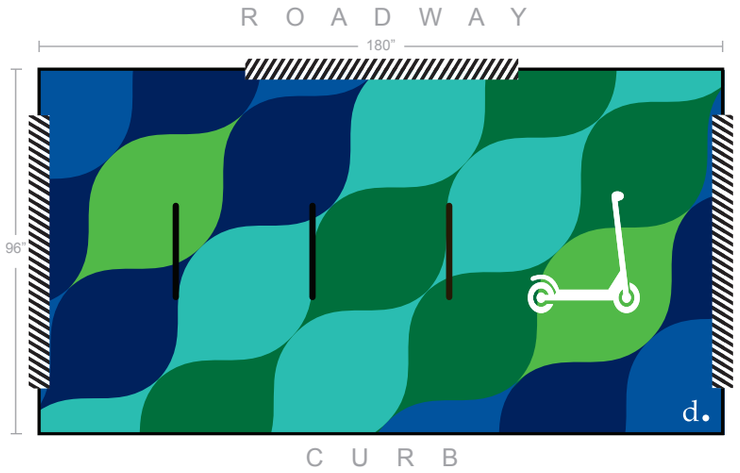
BASE COAT = PANTONE SOLID COATED EXT. LATEX

CH 4050 PINK
CH 9100 WHITE

STENCIL COAT = MONTANA CHALK SERIES

FULL COLOR DESIGN 7: SNAKESKIN





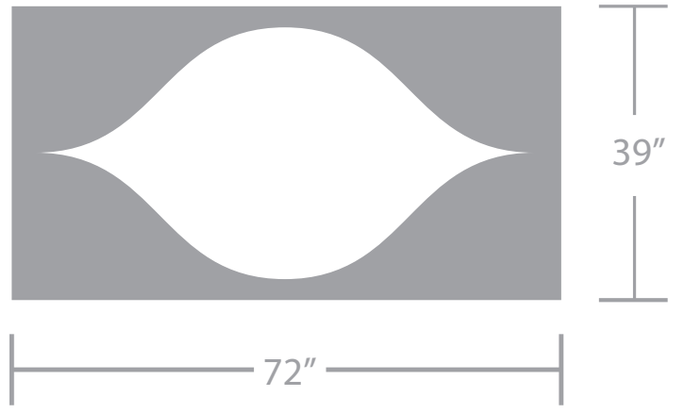
PANTONE 2767 C
PANTONE 349 C

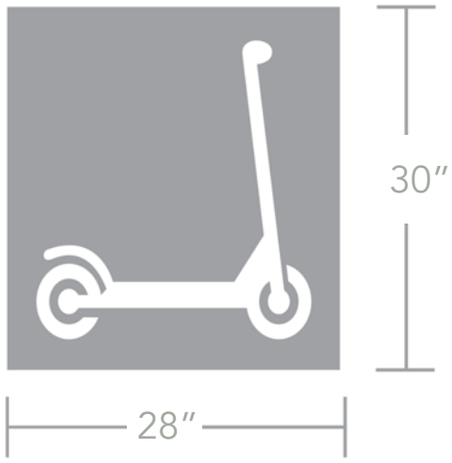
BASE COAT = PANTONE SOLID COATED EXT. LATEX

CH 5060 BLUE
CH 6050 GREEN
CH 6120 TURQUOISE

STENCIL COAT = MONTANA CHALK SERIES

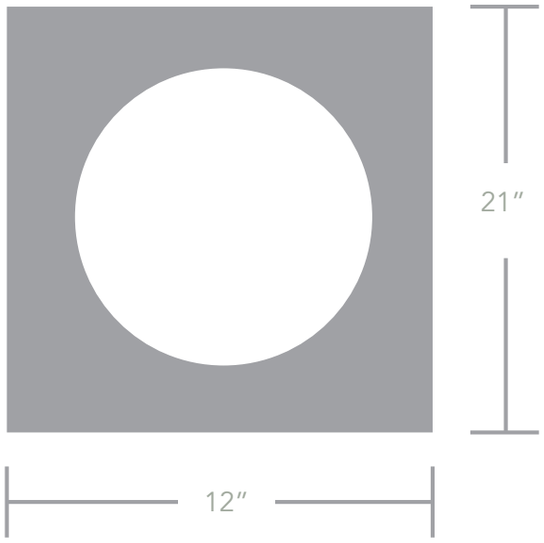
cutout dimensions - 36 (h) x 66" (w)

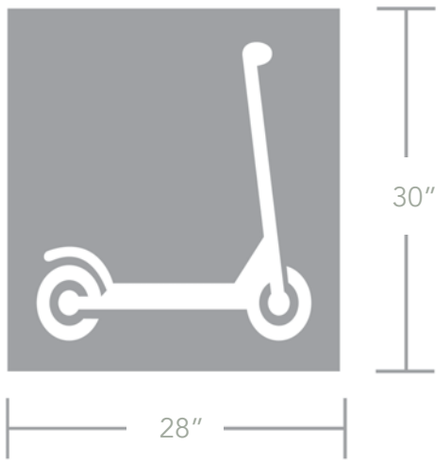


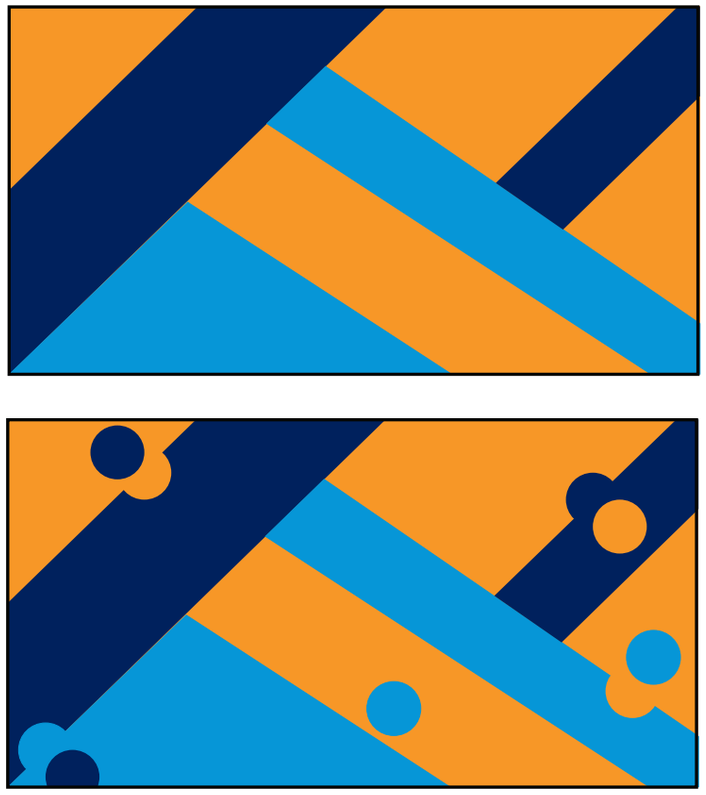


FULL COLOR DESIGN 8: CUT OUT CIRCLES

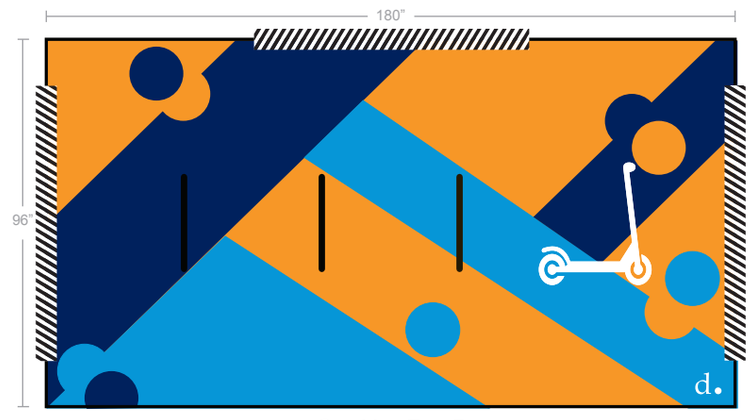
cutout dimensions - 8.5 X 8.5







R O A D W A Y



C U R B

PANTONE 2767 C

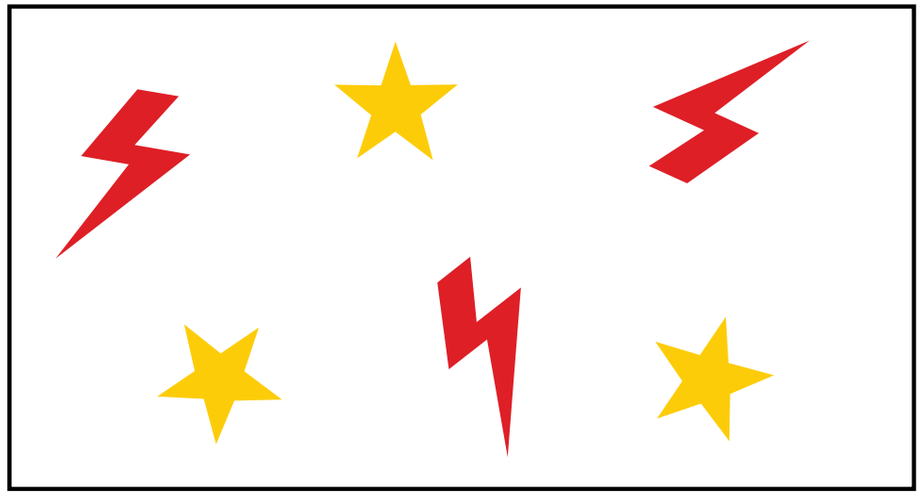
PANTONE 2925 C

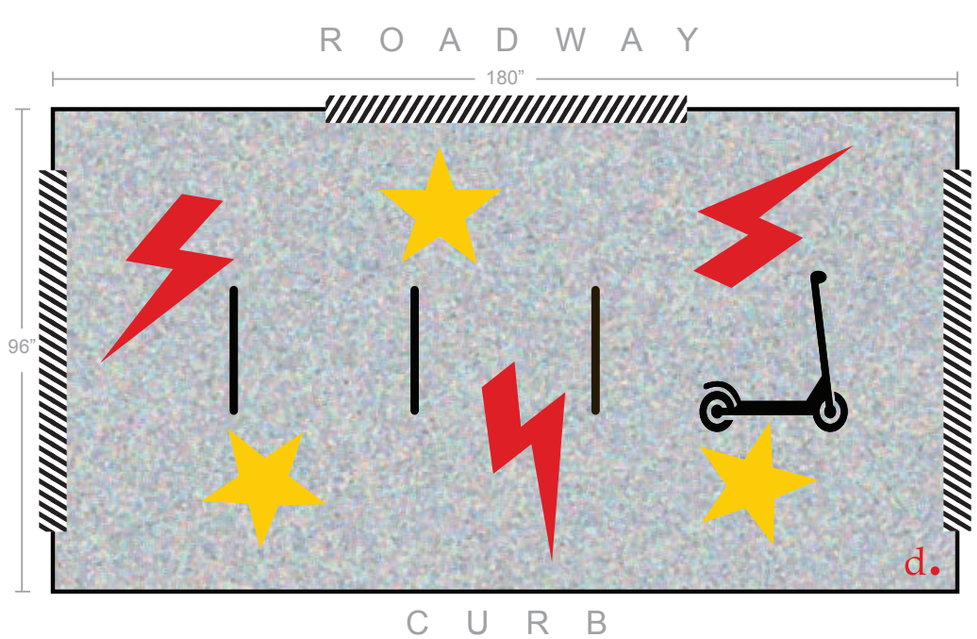
PANTONE 151 C

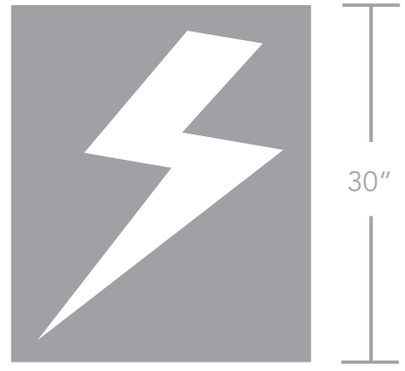
BASE COAT = PANTONE SOLID COATED EXT. LATEX

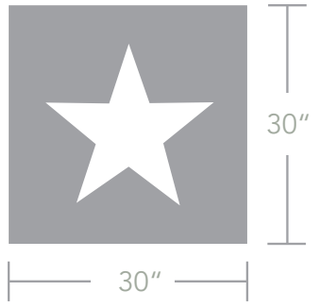
STENCIL COAT = MONTANA CHALK SERIES

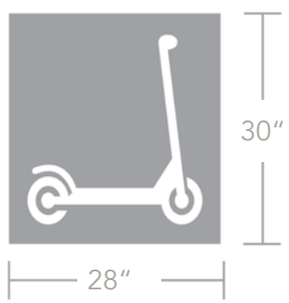
STENCIL DESIGN 1: STARS AND BOLTS





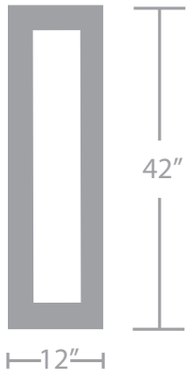


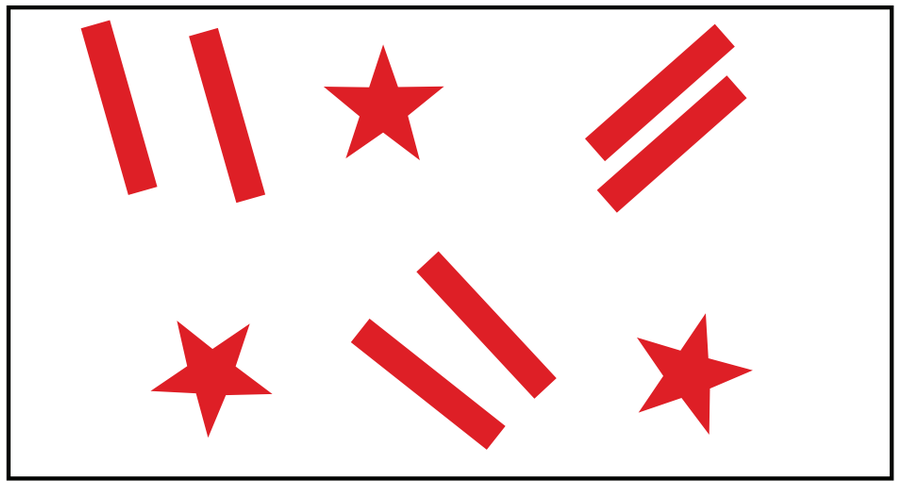




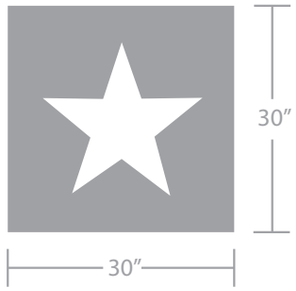
STENCIL ONLY 2.: ABSTRACT DC FLAG

cutout dimensions - 36 (h) x 6″ (w)

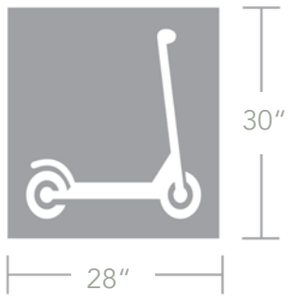


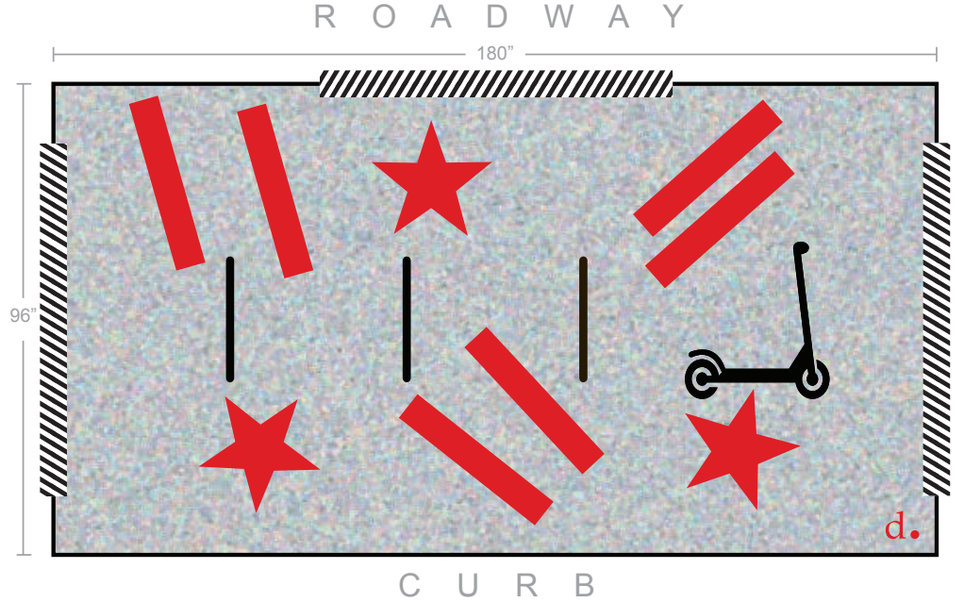


cutout dimensions - 24 (h) x 24″ (w)

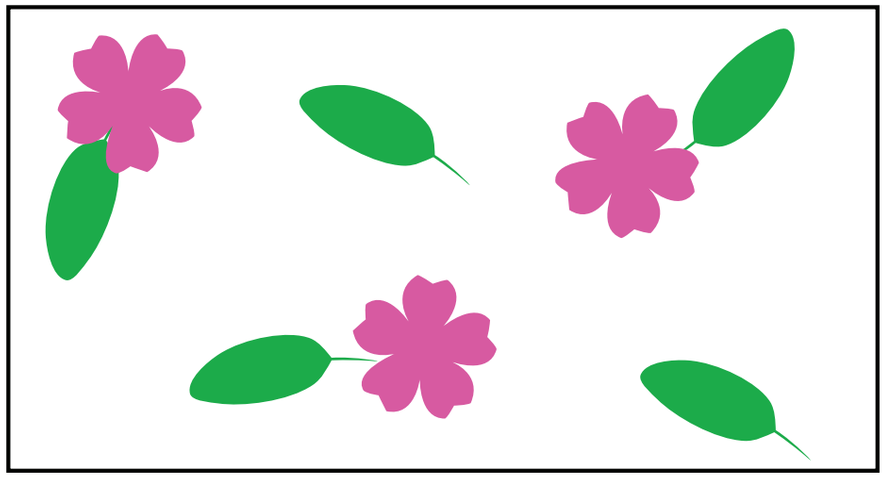


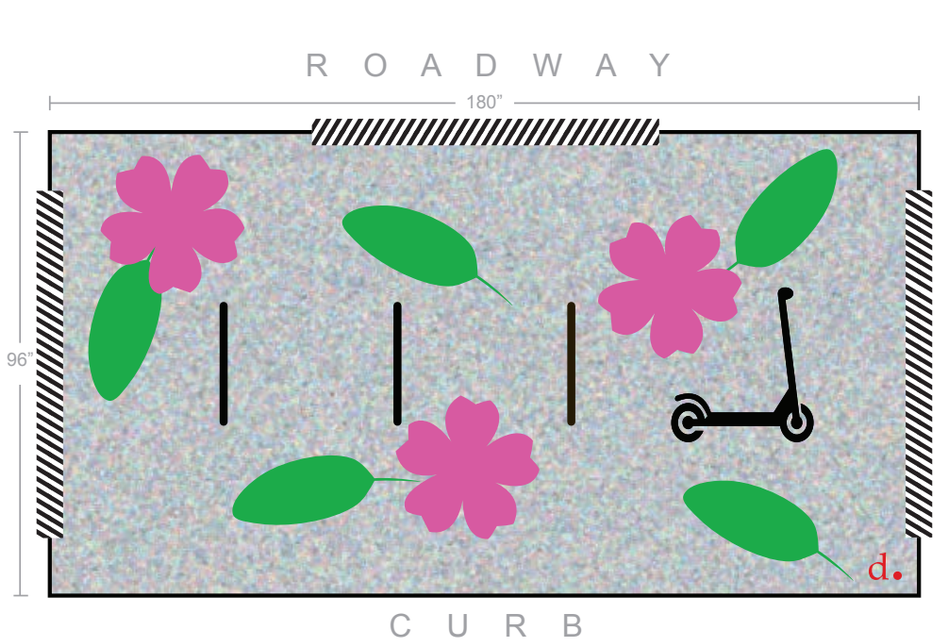
cutout dimensions - 33 (h) x 30″ (w)

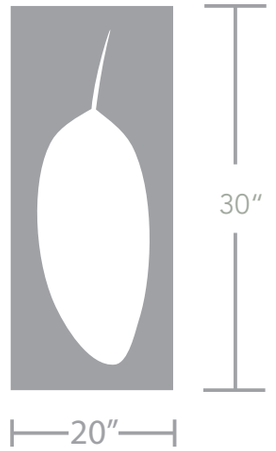




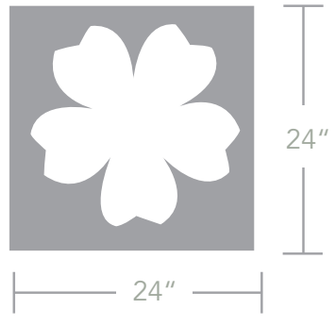
STENCIL ONLY 3: BLOSSOM AND LEAF

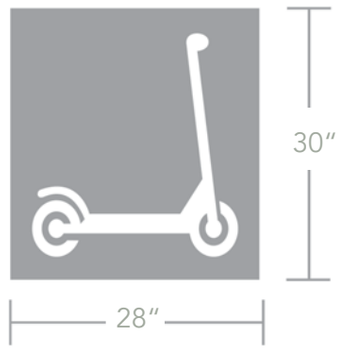






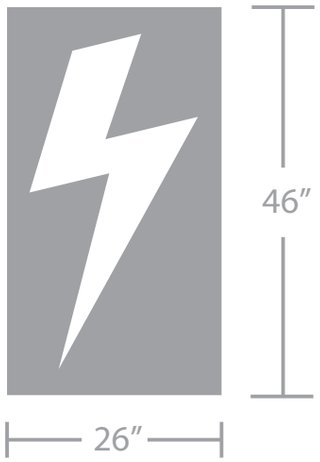
cutout dimensions - 19" x 19"

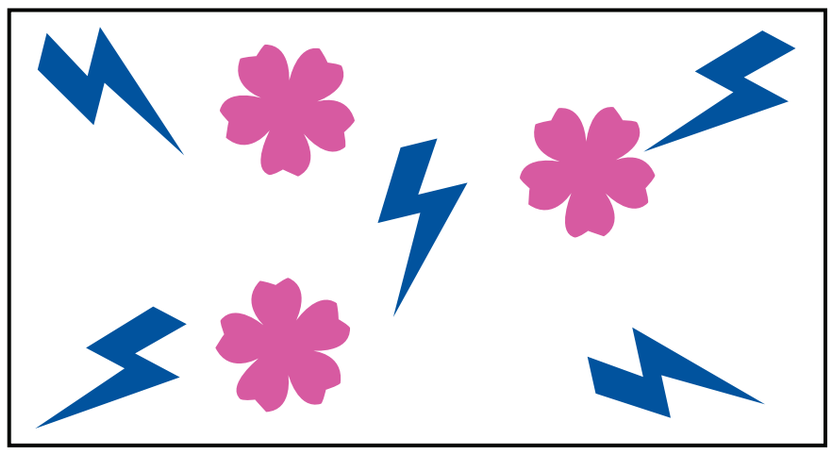




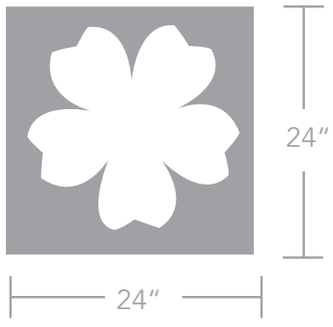
STENCIL ONLY 4: BLOSSOM AND BOLTS

cutout dimensions - 40 (h) x 20″ (w)

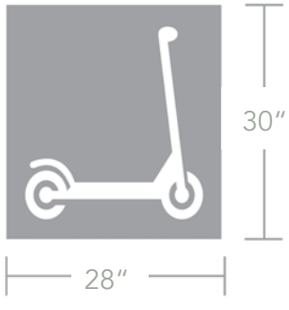


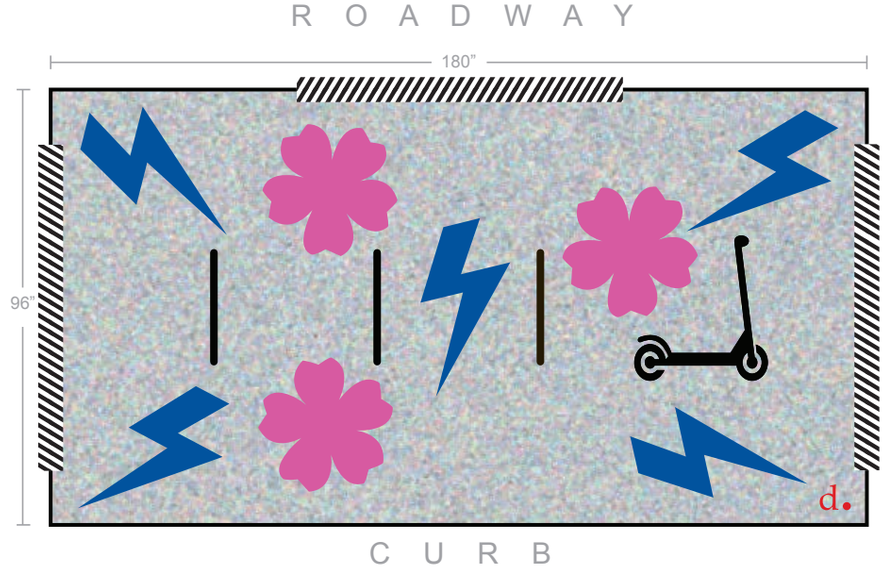


cutout dimensions - 19″ x 19″

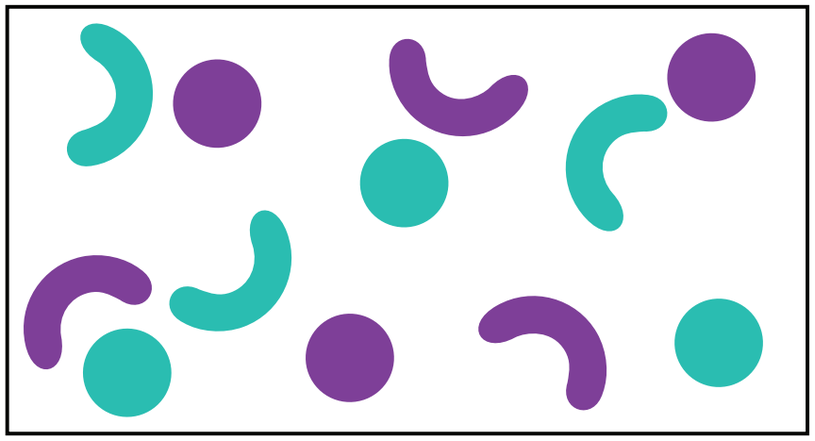


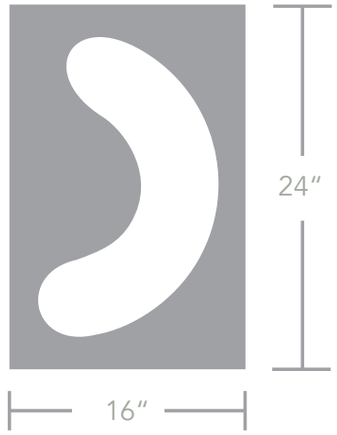
cutout dimensions -



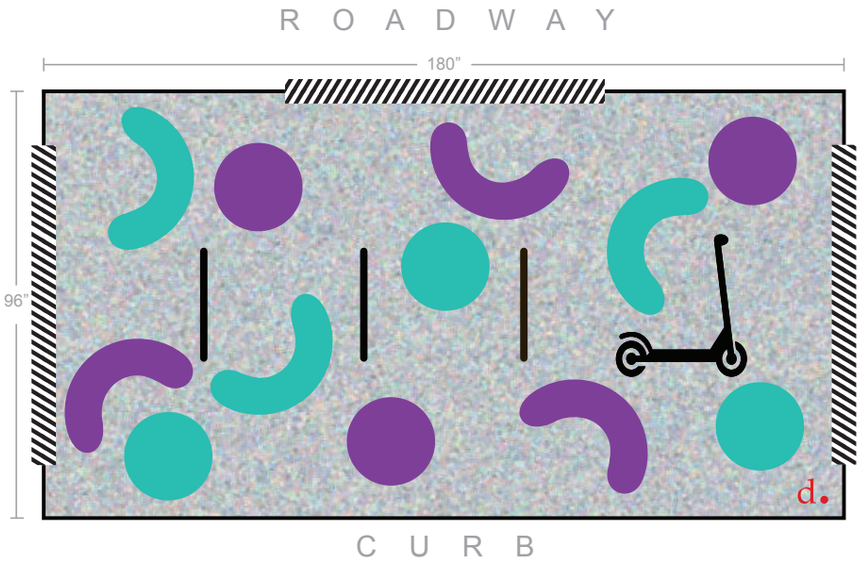


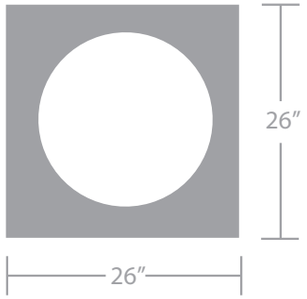
STENCIL ONLY 5: CIRCLE AND NOODLE



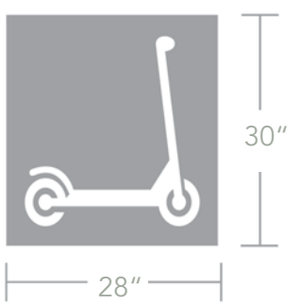


cutout dimensions - 20 (h) x 20” (w)





cutout dimensions - 33 (h) x 30” (w)



Resources

1. **Paint Specifications**

   - Bucket Paint for Surface Layer: Any high-quality concrete, garage, porch or floor enamel. A clear concrete sealer can be applied after the design is painted for maximum durability. Simple Green is a good option and available at Home Depot and online.

   - Spray Paint for Stencils: Montana Chalk Series or matching color.

2. **Stencils**
   A wide variety of companies offer stencil cutting, often using lasers on 2mm plastic. The stencil can be used many times over and is easy to work with. See www.customcutstencil.com as an example.

3. **Design and Installation Services**
   Design guide consultant: Pipkin Creative (www.pipkincreative.com).

Supplies List

1. Paint (Bucket Paint and Spray Paint)
2. Stencils
3. String (for circles and lines)
4. Chalk
5. Rollers
6. Brushes
7. Tape
8. Tarp
9. Degreaser (Driveway Cleaner) Simple Green is a good brand option available at Home Depot.
10. Power Washer (Optional)
11. Scrub Brush
12. Broom
13. Trash Bags