



FREE QUILT PATTERN  
ALCHEMY QUILT



# ALCHEMY QUILT

I love this spirited quilt designed by my husband David and made from my new Alchemy prints. It has a very organic feel to it giving you the freedom to play with the colors and arrangements! Happy Quilting! Enjoy! XO Amy.

## SEWING PATTERN INCLUDES:

Instructions and applique templates to create your own Alchemy Quilt.

Featuring Alchemy, a collection of fabrics designed by Amy Butler for Rowan  
 Quilt design by David Butler  
 Quilt construction and pattern written by Susan Guzman  
 Questions about pattern? Email: [susan@suzguzdesigns.com](mailto:susan@suzguzdesigns.com)  
 Finished quilt size: 64" x 74"

## GENERAL NOTES:

- ~Please read all instructions completely before beginning pattern.
- ~Preshrink your fabric: machine wash, warm water; tumble dry, low heat. TIP: Make a small diagonal clip in the corners of each fabric piece before washing to help prevent fraying.
- ~Seam allowances are 1/4"
- ~The first time a term is mentioned and followed by an asterisk (\*) it is defined in the "Techniques & Terminology" section on Amy's website: [www.amybutlerdesign.com](http://www.amybutlerdesign.com).
- ~Applique triangles will be added last after quilting steps are complete using 1/2" inset seam.

**FABRIC REQUIREMENTS: Do not cut templates until instructed.**  
 WOF=Width of Fabric

**PWAB100 Flora/Fountain:**  
 1 1/4 yds



Use templates:  
 A7, D10, C14, C18

**PWAB100 Flora/Rosebud:**  
 2/3 yd



Use templates:  
 C16, D25, C30, A31

**PWAB101 Imperial Paisley/  
 Emerald:** 1 yd



Use templates:  
 A1, C21, B26

**PWAB102 Fairy Tale/Sky:**  
 1 1/2 yd



Use templates:  
 B2, A12, A23, C28

**PWAB103 Queen Ann's  
 Butterflies/Ruby:** 1 1/3 yds



Use templates:  
 C8, C15, C19, D22,  
 C32

**PWAB104 Sketchbook Roses/  
 Fresh:** 1 yd



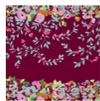
Use templates:  
 B6, E13, A17, A29

**PWAB104 Sketchbook Roses/  
 Sprig:** 1 1/4 yds



Use templates:  
 D3, A5, C9, B27

**PWAB106 Victoriana/Port:**  
 1 yd



Use templates:  
 A4, B11, C20, C24

**PWAB45 Ivory:**  
 8 5/8 yds



Cut 2 strips, each:  
 80" x WOF  
 70" x WOF



Alchemy Quilt

## BATTING / NOTIONS

- 72" x 82" piece, Fairfield American Spirit Batting™ 70/30 Superior Blend
- 1 large spool of coordinating thread from Amy's Premium Threads by Rowan

## TOOLS NEEDED

- Scissors
- Rotary cutter and mat
- 24" quilter's ruler
- Straight pins
- Iron and ironing board
- Pressing spray
- Printer
- Pencil
- Transparent tape
- Double-sided tape
- 2 sheets of poster board
- Point turning tool
- Hand sewing needle
- Quilt basting spray
- Sewing machine walking foot
- 3 pkgs quilter's curved safety pins
- 14" quilting hoop

## Step 1. MAKE TRIANGLE TEMPLATES

A. Print all template pages; trim and tape together as instructed on Pattern Page 1.

B. Using double-sided tape adhere **Template A** pattern to poster board, then carefully cut the template from poster board using your ruler and rotary cutter. Do the same with **Templates B, C, D, and E**.

## Step 2. CUTTING TRIANGLES FROM CLOTH

*Plan Before Cutting: Triangles are cut from a double layer of fabric. Before cutting, plan the layout of the set of triangles you will need from each piece of cloth. For added interest to the overall design, do not be concerned with the direction of the print when laying out your templates. Add a 1/4" seam allowance before cutting out your triangles.*

A. With **RIGHT** sides together, fold fabric **PWAB100 Flora/Fountain** in half by matching up selvage edges; press fold with iron and place on cutting mat.

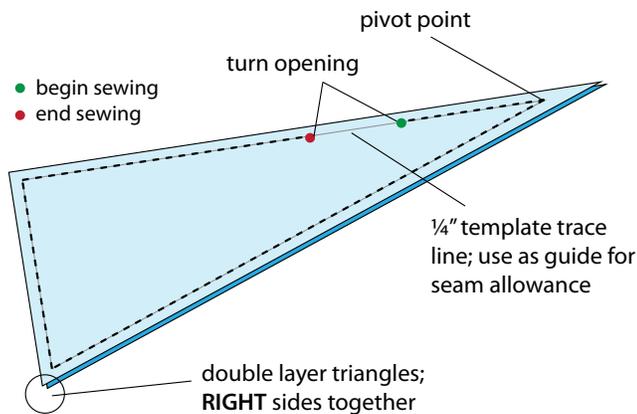
B. Beginning with your first template, use your pencil to trace the long sides of your triangle. Stop at the intersecting line and make two small pencil marks on your fabric. Remove the template and join the two marks using your ruler and pencil to complete the triangle.

C. Smooth out your double layer of fabric if needed. Using your ruler, add a 1/4" seam allowance and cut out your triangle through the double-thickness of fabric. Pin the pair of triangles together, set aside, and repeat these steps for the remaining 3 triangles needed from **PWAB100 Flora/Fountain**. Continue the same process with remaining fabrics for a total of 32 triangles.

### Step 3. PREPARING TRIANGLES FOR APPLIQUE

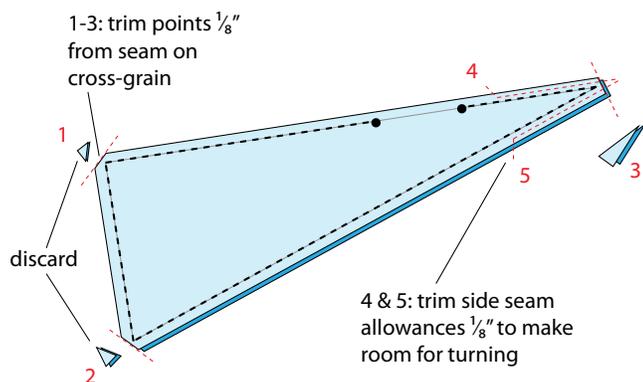
A. Using the 1/4" trace line as your guide and backstitching at the beginning, sew your first pair of triangles together about 1/3rd of the way from the triangle's tip (**Diagram 1a**). Sew to triangle's tip, then pivot your fabric. Repeat at each point. Stop sewing and backstitch to secure the seam about 2 1/2" from your starting point, leaving an opening to turn your triangle right-side-out.

**Diagram 1a: Sewing Triangles**



B. Referring to **Diagram 1b**, trim triangle points on the cross-grain about 1/8" away from each point. At longest point, also trim the side seam allowances to about 1/8" to make room at the tip for turning.

**Diagram 1b: Trimming Triangles**



C. Turn triangle right-side-out. Using point turning tool, very gently push out each point being careful not to push through the seam.

D. Roll the edges of the triangle between your fingers to help push out the seam, then iron the triangle using pressing spray.

E. With your hand sewing needle and thread, close the opening with a blind stitch\*.

F. Repeat **Step 3** for all triangles, then set aside.

### Step 4. PIECING QUILT TOP AND QUILT BACK

*Plan: Pieced **Quilt Top** will have seam running vertically for least amount of exposure in the quilt design. **Quilt Back** will have horizontal seam (saves 20" of fabric!).*

A. **Quilt Top:** Gather your 2 **PWAB45 Ivory** 80" x WOF lengths. Carefully trim selvage edges with ruler and rotary cutter. With **RIGHT** sides together, pin and sew together along 80" length. Press seam to one side and iron out any creases. Your **Quilt Top** is now complete.

B. **Quilt Back:** Gather your 2 **PWAB45 Ivory** 70" x WOF lengths. Carefully trim selvage edges with ruler and rotary cutter. With **RIGHT** sides together, pin and sew together along 70" length. Press seam to one side. With seam running horizontally, trim pieced **Quilt Back** to 66" x 76", then iron out any creases. Your **Quilt Back** is now complete.

### Step 5. SPRAY BASTING YOUR QUILT SANDWICH

A. In a well-ventilated area, lay batting on a large, flat surface and smooth wrinkles. Center **WRONG** side of **Quilt Back** on top of batting and smooth wrinkles.

B. Working with one-half of the **Quilt Back** at a time, peel back half way and spray baste batting according to the manufacturer's instructions. In small sections, smooth the **Quilt Back** onto the sprayed batting. Next, peel back the second half of your **Quilt Back** and repeat.

C. With batting side face-up, fold the **Quilt Back**/batting unit in half lengthwise (match seam allowances of **Quilt Back** together to help you achieve an even fold). Finger press along fold, then open flat.

D. Carefully lay **Quilt Top** seam allowance vertically along the finger pressed fold of the **Quilt Back**/batting unit. Center top and check that your **Quilt Top** edges are wider and longer than the **Quilt Back** on all sides. Smooth wrinkles.

E. Spray baste batting to **Quilt Top** in sections as you did with **Quilt Back** to complete your quilt sandwich.

### Step 6. PREPARE QUILT EDGES FOR KNIFE-EDGE BINDING

A. Flip quilt sandwich so that **Quilt Back** is on top. Using your rotary cutter and ruler, trim batting and **Quilt Top** to match the dimensions of your **Quilt Back**.

B. Working on one side at a time, fold **Quilt Top** and **Quilt Back** edges a few inches away from batting. Using ruler and rotary cutter, trim away 1" of **BATTING ONLY** on all four sides of your sandwiched quilt unit. Smooth folded **Quilt Top** and **Quilt Back** edges back in place.

C. With **Quilt Top** facing up, fold 1" of the **Quilt Top** edge over the batting to enclose it. Next, fold under the 1" edge of the **Quilt Back** even with the edge of the **Quilt Top**/batting fold. Pin in place through all layers to prepare for sewing and continue around the entire edge of the quilt sandwich. At corners, tuck any protruding fabric and pin in place.

D. With **Quilt Top** facing up, stitch 1/4" inside the edge of the quilt sandwich and continue sewing around the entire unit to finish off the edge.

Your quilt unit is now ready to be quilted.

### Step 7. QUILTING

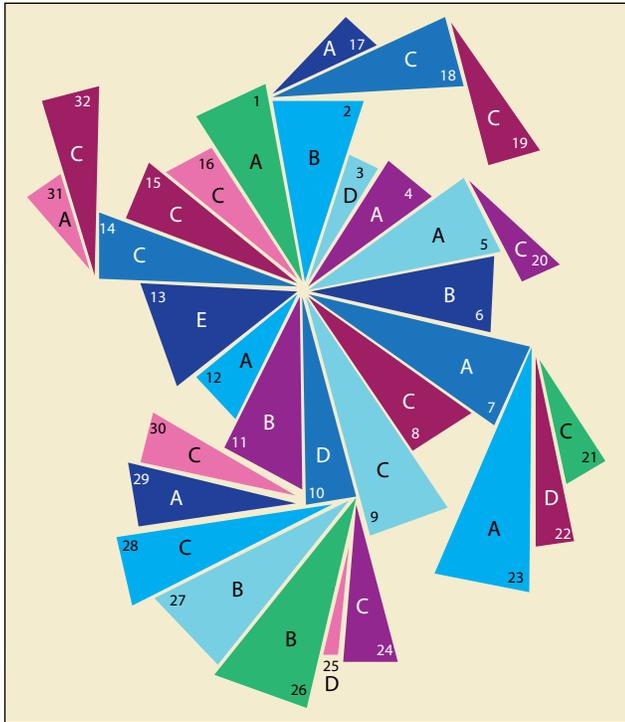
Quilt gentle wavy lines vertically about 1-2" apart in the center of your quilt and continue to outside edges.

**Step 8. PLACEMENT OF TRIANGLES FOR APPLIQUE**

*Tip: Pay close attention to placement and orientation of each triangle; they fit together like puzzle pieces.*

A. In a large, flat space, lay out your quilted top. Referring to **Diagram 2** (for layout) and your **Templates** (to check size), lay the triangles on top of your quilt to create the center medallion (triangles 1-16). Leave an approximate 1/4" space between each triangle.

**Diagram 2: Triangle Layout**



B. Next, add the outlying triangles (17-32). Make adjustments until you are satisfied with the layout.

C. Pin each triangle in place using quilter's safety pins.

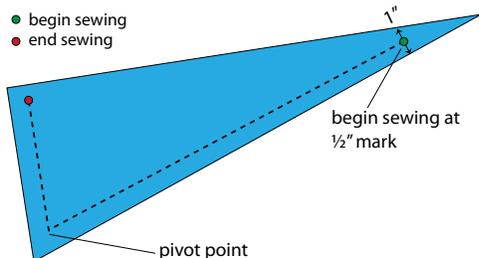
You are now ready to begin the applique process.

**Step 9. SEW TRIANGLES TO QUILT**

*Tip: Begin appliqueing the outlying triangles of the quilt first, leaving the center medallion triangles last.*

A. Referring to **Diagram 3a**, find the spot on your triangle's point that measures 1" wide and place your needle 1/2" inside of the triangle's right edge, lower your needle and walking foot and take one stitch. Bring needle and walking foot up and pull the thread tail until you see the bobbin thread tail come through the stitch hole. Lower your walking foot and take 2 stitches. Backstitch to secure the thread.

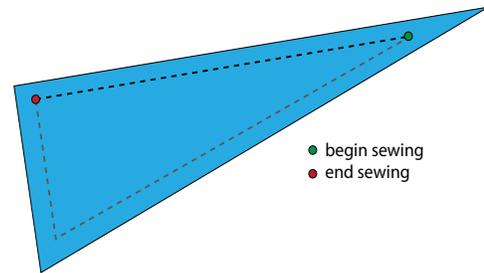
**Diagram 3a: Begin Applique Process**



B. Continue stitching 1/2" along the right side, stopping with needle down 1/2" before the edge. Pivot your top to continue sewing across the short side of the triangle to 1/2" before the next edge and secure the thread.

C. Return needle to your 1/2" starting point, secure thread, and finish applying the triangle 1/2" along the left side (**Diagram 3b**). Secure the thread, then snip thread tails.

**Diagram 3b: Finish Applique Process**



D. Continue these steps for all 32 triangles to complete the applique process.

E. Using your quilter's hoop and needle and thread, tack down all triangle points through all layers and tie off at **Quilt Back**.

Be sure to add a fabric label to the back of the Quilt, hand stitching it in place to document your name, address, date, and any information you may want to include (perhaps a dedication or a name for the Quilt). Future generations will thank you for this.

Congratulations! Your quilt is complete!

**WESTMINSTER**  
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ROWAN  
FABRICS

amybutler  
*Alchemy*

[amybutlerdesign.com](http://amybutlerdesign.com)

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A7

**INSTRUCTIONS FOR PIECING TEMPLATE PAGES:**

1. Print Templates A-E on 8 1/2" x 11" paper for a total of 12 pages.
2. On a flat surface, lay out pages in numerical order, 4 across and 3 down.
3. Using ruler and rotary cutter, line up the dashed lines of Page 1 and trim away excess paper.
4. Place the cut edge of Page 1 on top of Page 2 lining up the template marks.
5. Tape together, then continue with this process until all Template pieces are taped together.

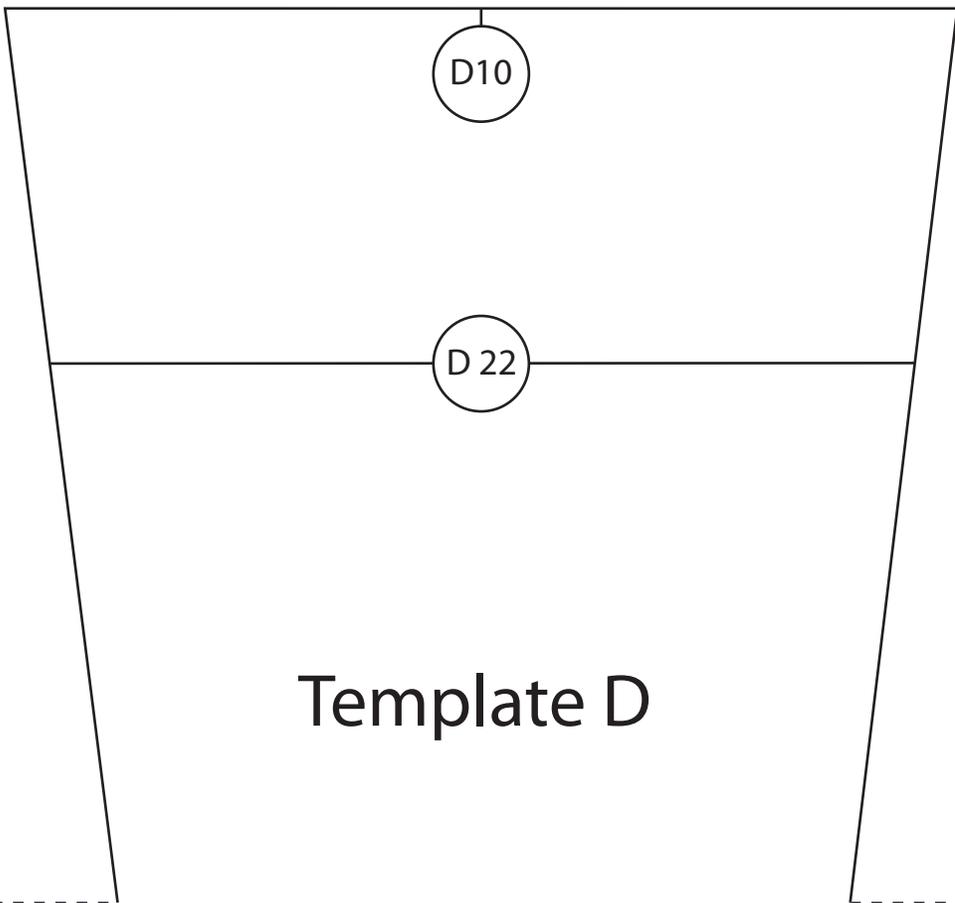
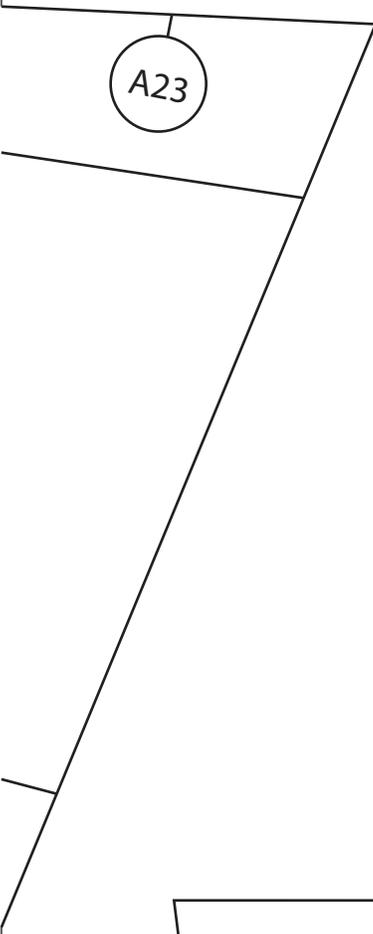
A1

A5

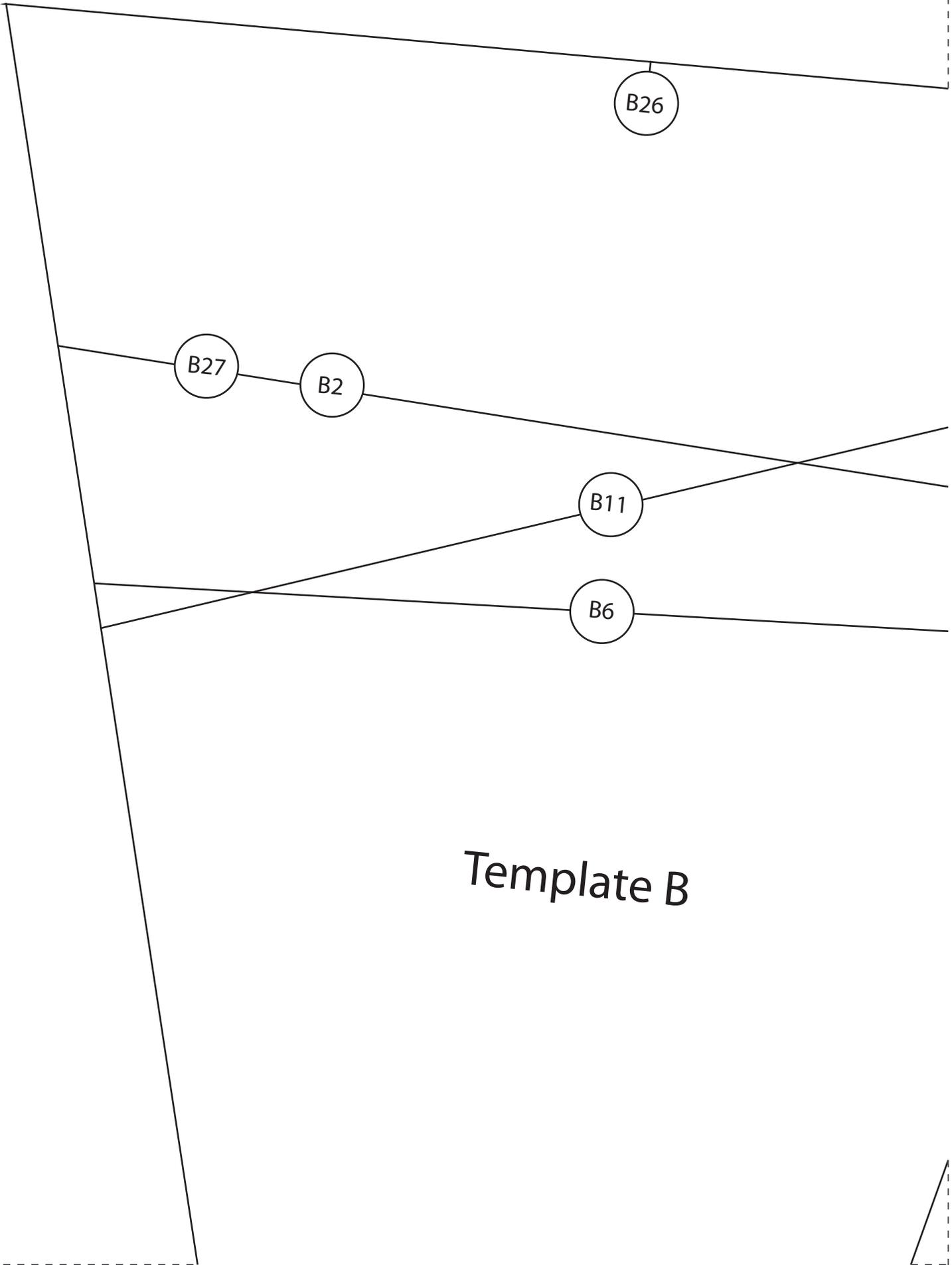
*Template A*

A29

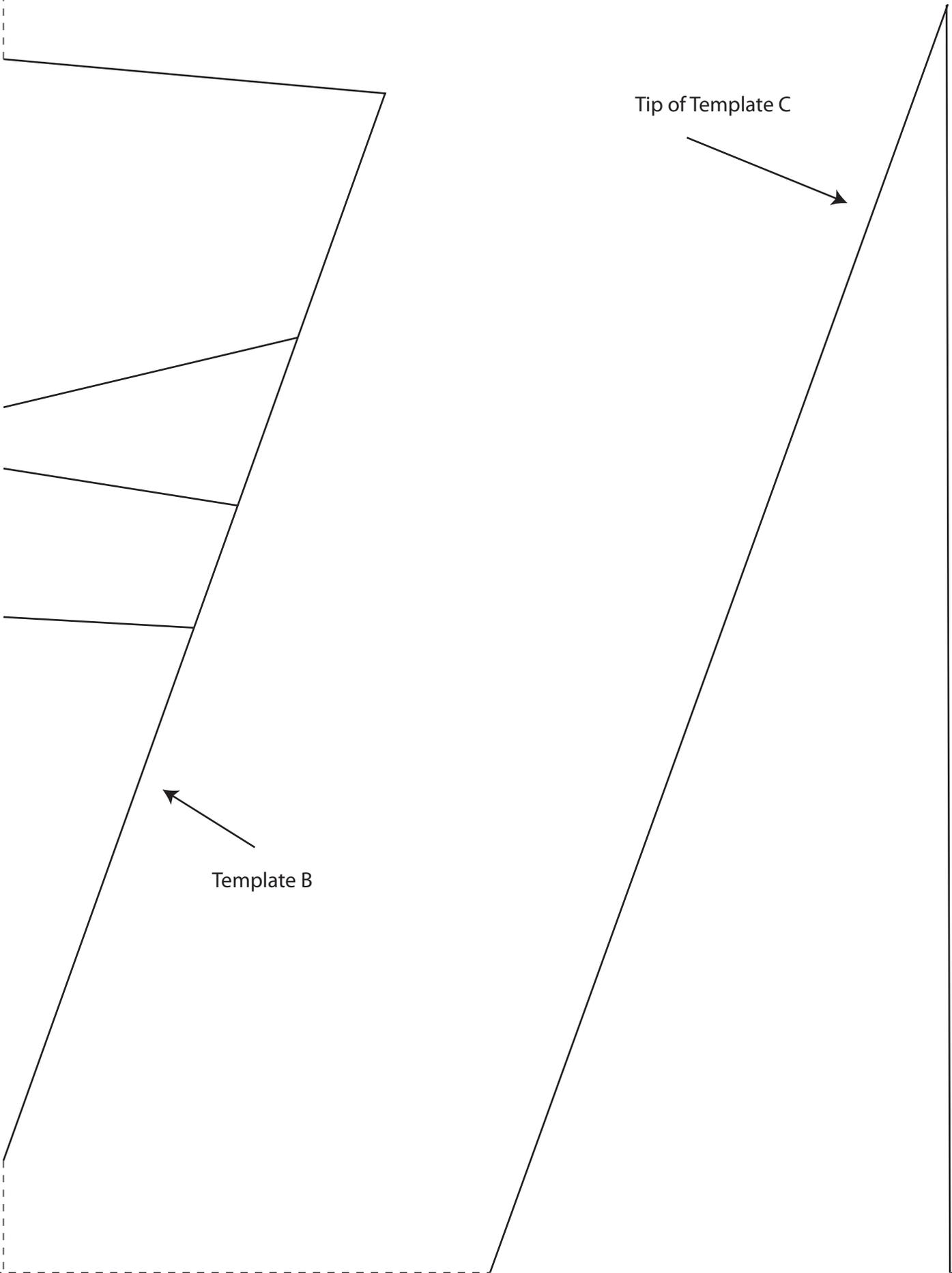
A4



Template D

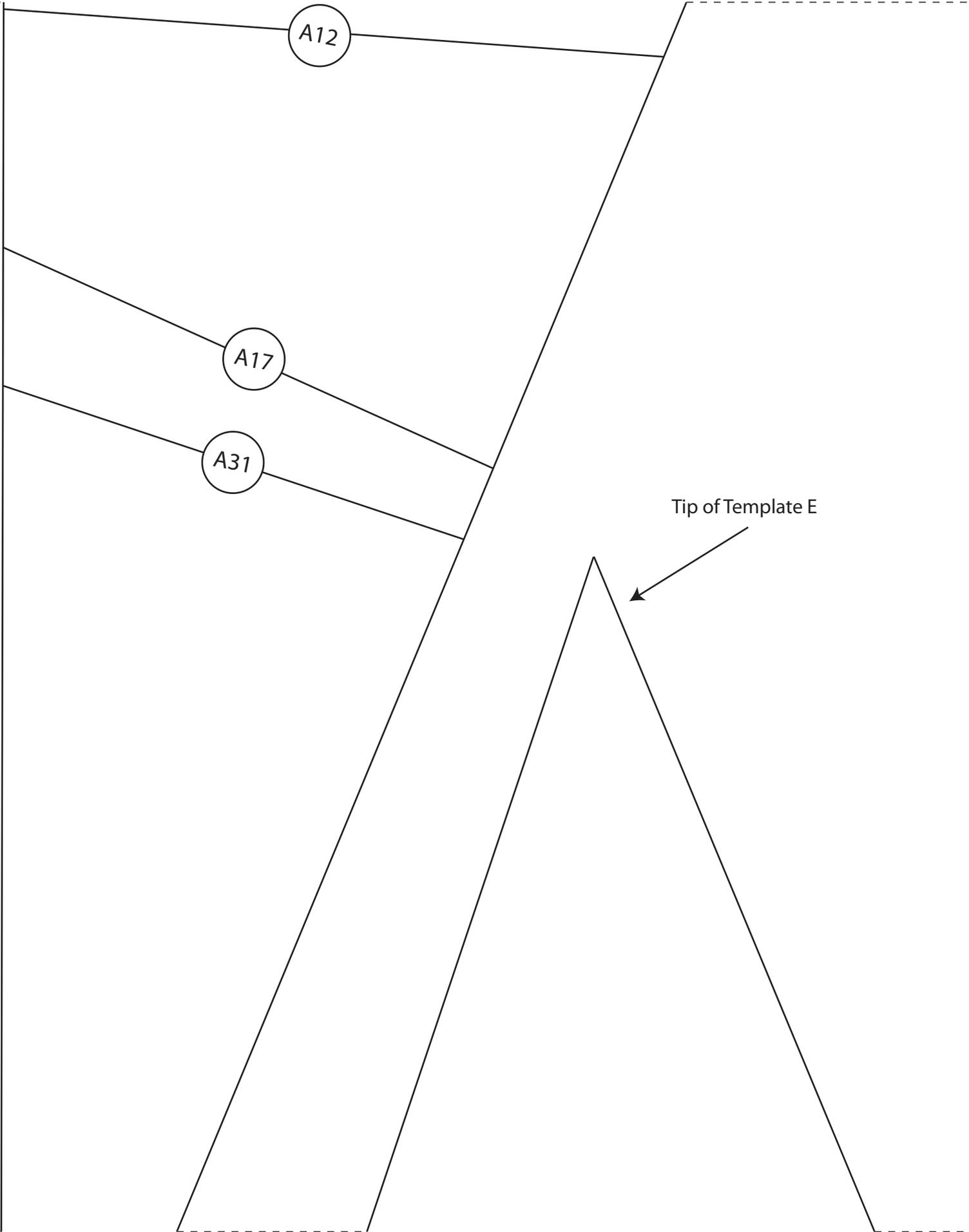


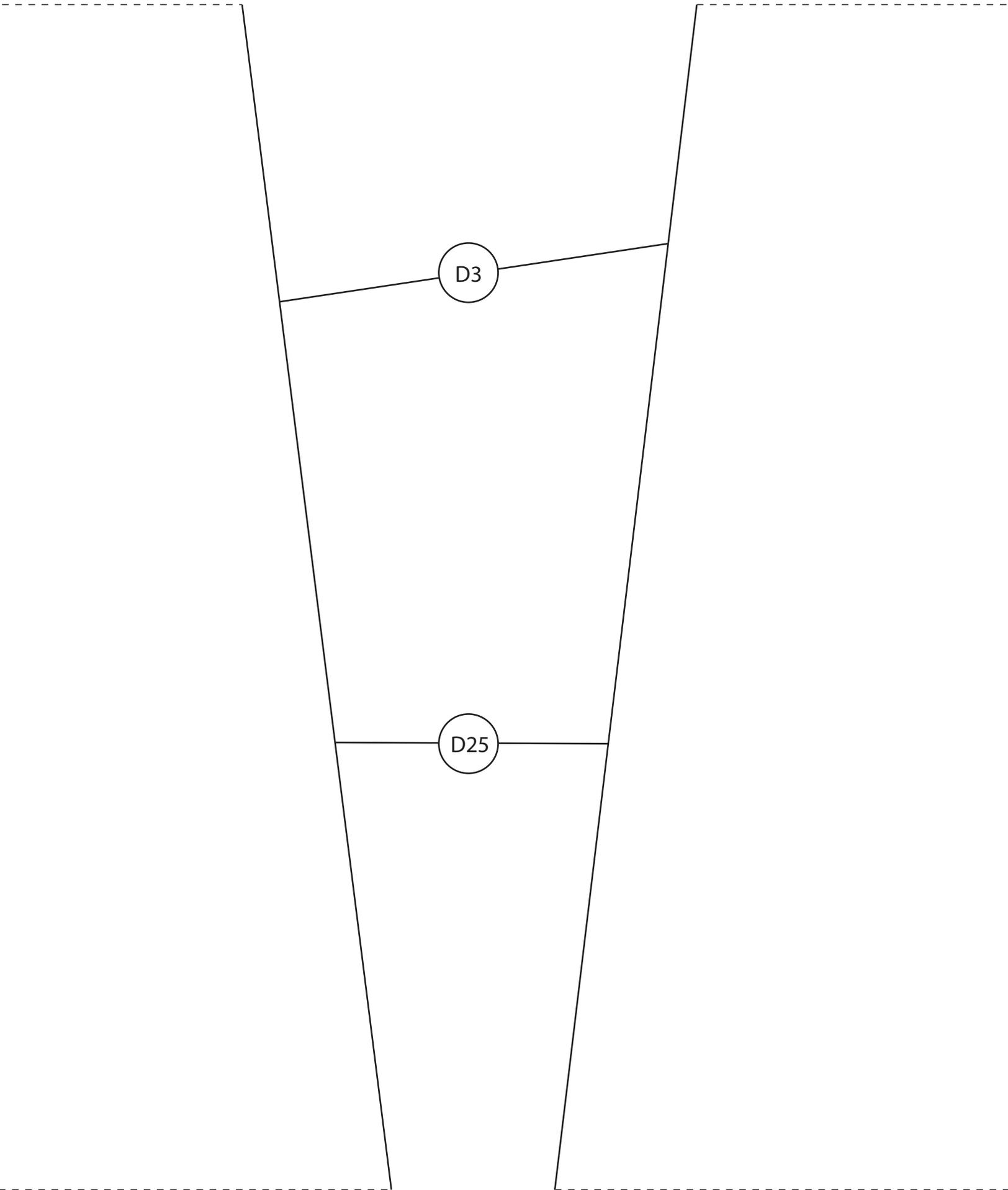
# Template B

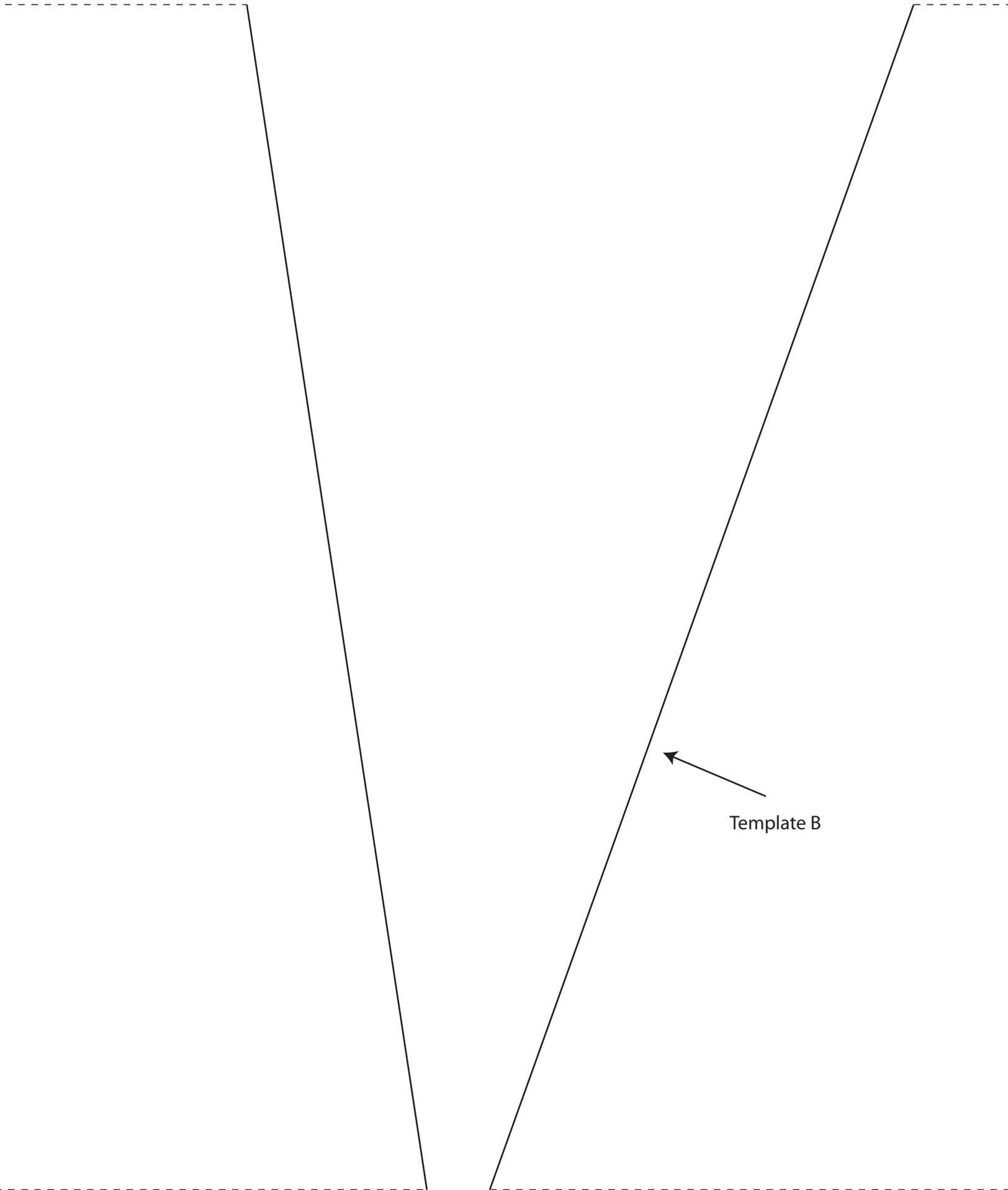


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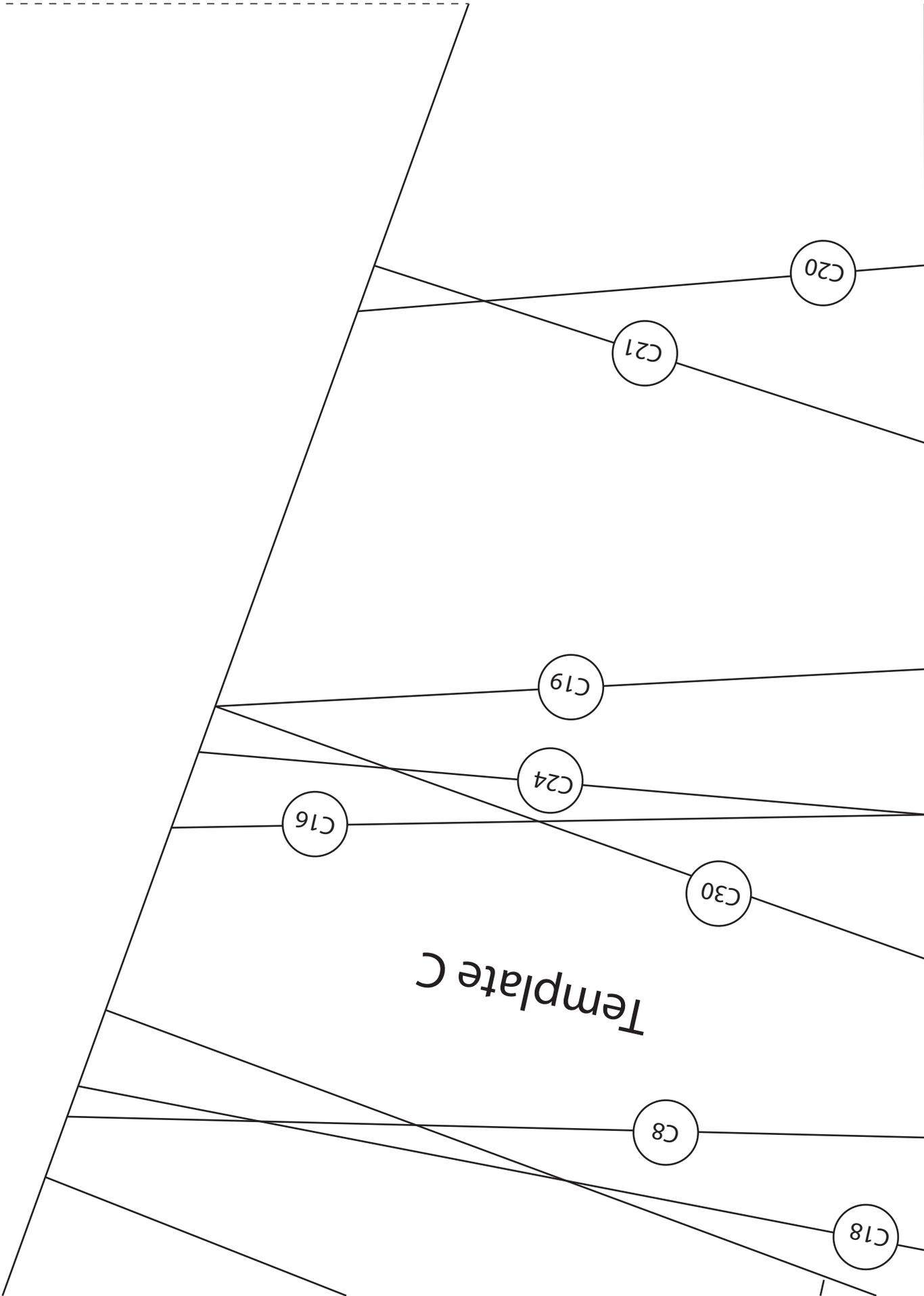
Tip of Template C







Template B



Template C

C16

C24

C19

C30

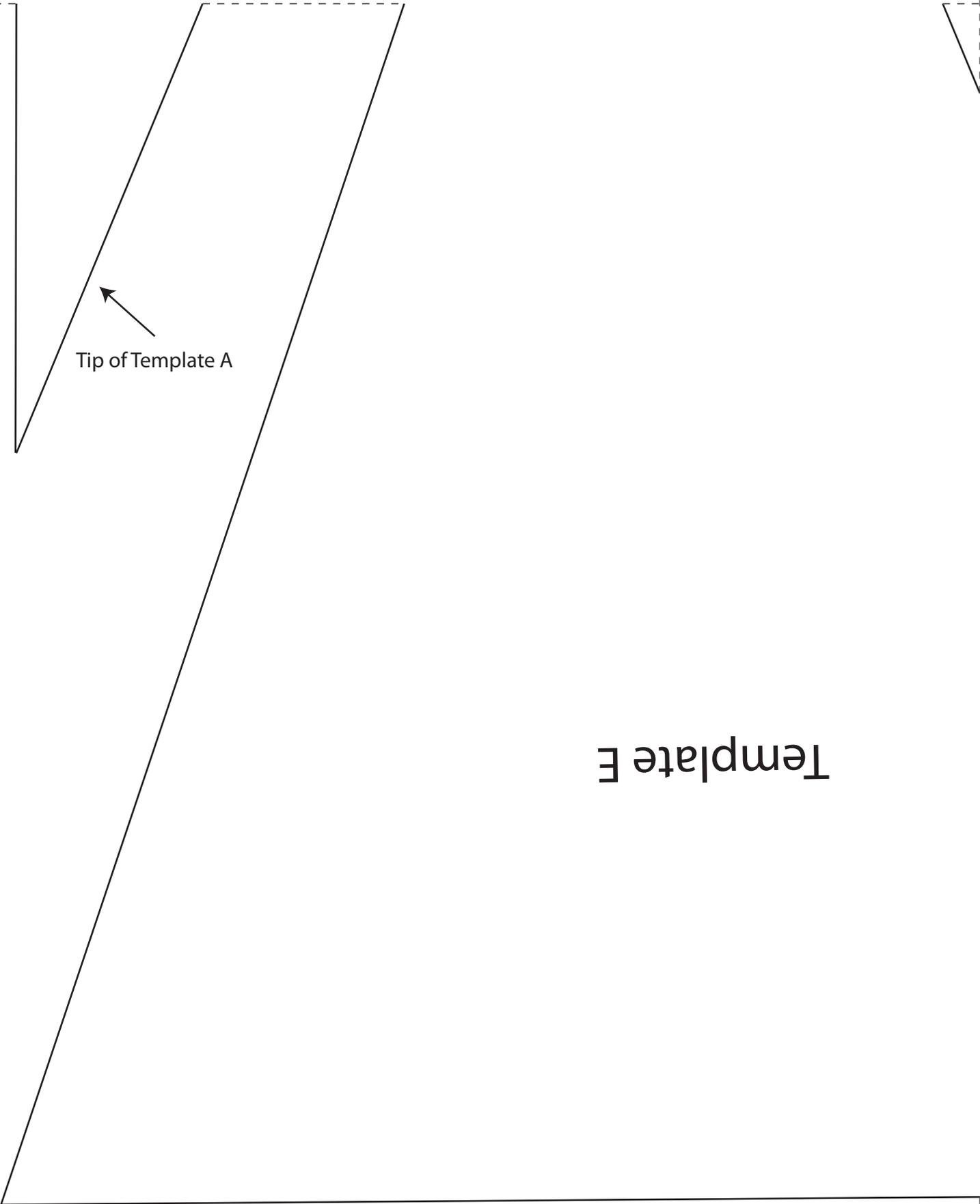
C8

C18

C21

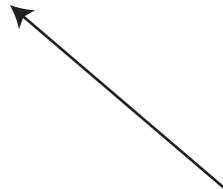
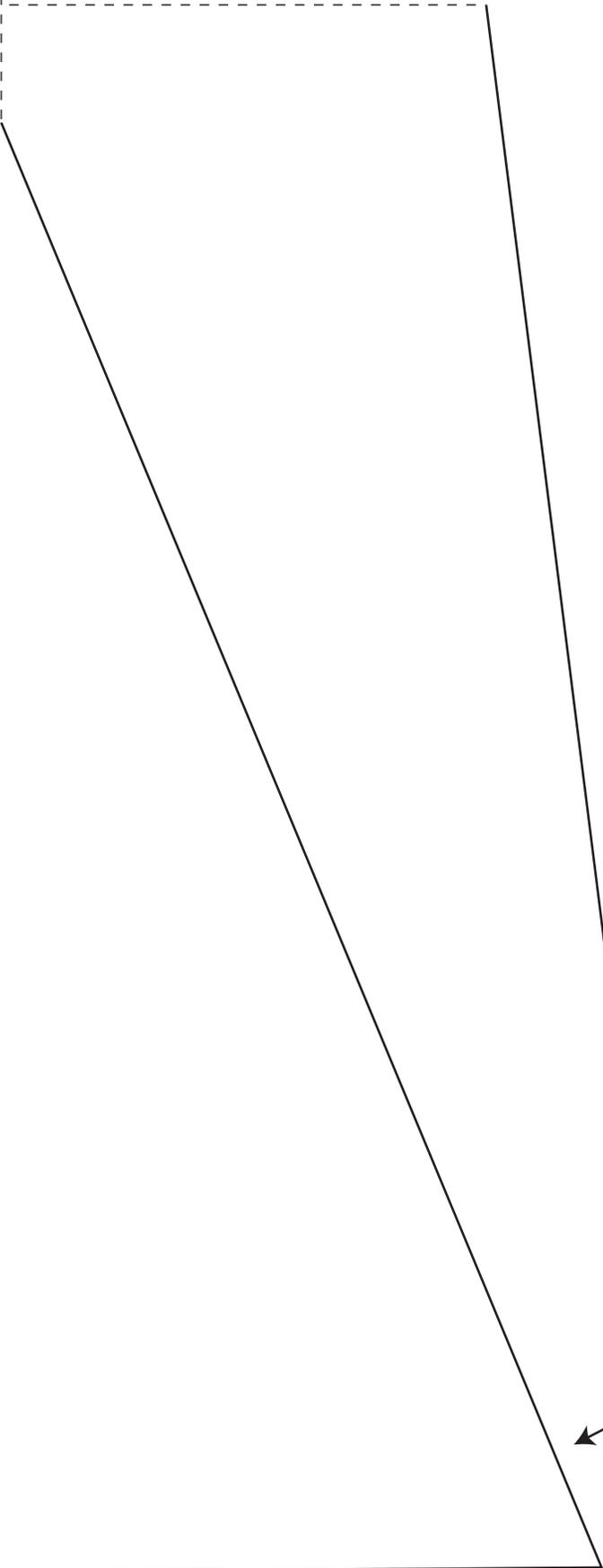
C20

1



Template E

Tip of Template A



Tip of Template D



Template E

Tip of Template B



Template C

