



a quilt pattern by
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CQA/ACC 2022 MYSTERY QUILT: ALTERNATE SIZE & SCRAPPY OPTION

Below are some recommendations on how to scale the quilt pattern, and how to approach the pattern using a scrappy background.

OPITON 1: SCALING

Because each block interacts with its neighbouring block in a unique way, we cannot leave blocks out of the quilt's construction. The easiest way to accommodate a smaller size is to scale the pattern down. The pattern is primarily comprised of pieces cut from templates, which can be scaled to your desired percentage in your printer's settings. My recommendation is to scale the templates to 75%, which would produce a 76" x 84" twin-size quilt. At this scale your pieces will be comfortable to sew (though more challenging because they are smaller curves), and the cutting instructions can be adapted with accuracy.

To confirm the 75% scale your 1" x 1" test block on each template page will measure $\frac{3}{4}$ " x $\frac{3}{4}$ " instead.

CALCULATING YOUR CUTTING INSTRUCTIONS

If you choose to scale down your quilt, Fabric A's cutting instructions will have to be recalculated. To do this, take the measurement in the pattern and multiply it by the scaling factor. For example, if you scaled your templates to 75% you will calculate your cutting dimensions as follows:

Step 1: Subtract the seam allowance from the dimension in the cutting instructions.

$$(\text{Cutting Dimension}) - 0.5 = (\text{Finished Dimension})$$

Step 2: Scale your Finished Dimension to 75%.

$$(\text{Finished Dimension}) \times 0.75 = (\text{New Finished Dimension})$$

Step 3: Add the seam allowance back to the New Finished Dimension to get your New Cutting Dimension.

$$(\text{New Finished Dimension}) + 0.5 = (\text{New Cutting Dimension})$$

For example:

$$13.5 - 0.5 = 13$$

$$13 \times 0.75 = 9.75$$

$$9.75 + 0.5 = 10.25 \text{ or } 10\frac{1}{4}"$$

FABRIC REQUIREMENTS

Once you have calculated your Fabric A cuts. Use your new measurements to determine your new Fabric A yardage requirements. As a rough estimate, you will require 5 to 6 yards when the WOF is 44"/45".

OPITON 2: SCRAPPY BACKGROUND

Choosing a variety of low-volume yardage in similar colours is another great option. Shop your fabric stash for a variety of fabrics for the Fabric A yardage. The pattern is written in such a way that it's likely you will get a natural mix of your background fabrics throughout the quilt top without any effort. That being said, I recommend that you alternate the fabrics you use to cut the background blocks (BG-A, BG-B, etc.) as they will be sewn next or near each other.

CQA/ACC 2022 MYSTERY QUILT: INSTALLMENT 1

Welcome to the first installment of the 2022 CQA/ACC mystery quilt event! For this installment we will be printing and preparing our templates, cutting our fabrics, and piecing units to be used next month.

PATTERN NOTES

Test new techniques using scrap fabric before beginning on your final project. Seam allowances are $\frac{1}{4}$ ". WOF means width of fabric. Yardage assumes 40" width of usable, unwashed fabric. If you are using 44"/45" WOF you will be able to cut your pieces more economically. This pattern has been produced for the exclusive use of CQA/ACC; do not copy or redistribute.

TEMPLATE PREPARATION

Print one copy of template pages 5 through 10. Measure the 1" x 1" test square on each page to confirm size. Cut out each template along the outer border. (Alternatively, trace the templates onto template plastic and cut out, if you prefer.) Templates A1 and A2 will be used for appliqué, and depending on your appliqué technique you will prepare these templates differently. Visit page 3 for more information. Templates include a $\frac{1}{4}$ " seam allowance. Arch A and Arch D will also be used during assembly. Join templates with the same numbers by overlapping the dashed lines (not numbered squares) and taping together.

CUTTING INSTRUCTIONS

Use the cutting diagrams on page 2 to optimize your yardage. Cut smaller templates out of yardage remnants. Print the labels on page 3 to help you stay organized. And remember, you have a month to complete this installment - pace yourself and enjoy the journey!

FROM FABRIC A, CUT:

- (1) $13\frac{1}{2}$ " x WOF, subcut:
 - (1) $13\frac{1}{2}$ " x $13\frac{1}{2}$ " for Corner B, cut once diagonally (Fig 1)
 - (2) $13\frac{1}{4}$ " x $8\frac{1}{4}$ " for BG-C
 - (1) $13\frac{1}{4}$ " x $8\frac{1}{4}$ "
- (3) 12" x WOF, subcut:
 - (8) 12" x 12" for ST, cut twice diagonally (Fig 2)
 - (1) $11\frac{5}{8}$ " x $11\frac{5}{8}$ " for Corner A, cut once diagonally
- (6) 11" x WOF[^], subcut:
 - (14) 11" x $8\frac{1}{4}$ "
 - (3) 11" x $8\frac{1}{4}$ " for BG-B
 - (6) $10\frac{1}{2}$ " x $8\frac{1}{4}$ "
- (12) $8\frac{1}{4}$ " x WOF^{^^}, subcut:
 - (1) $8\frac{1}{4}$ " x $34\frac{1}{4}$ " for BG-F
 - (2) $8\frac{1}{4}$ " x $18\frac{3}{4}$ " for BG-E
 - (1) $8\frac{1}{4}$ " x $18\frac{1}{4}$ " for BG-G
 - (1) $8\frac{1}{4}$ " x $15\frac{1}{2}$ " for BG-D
 - (12) $8\frac{1}{4}$ " x $8\frac{1}{4}$ " for BG-A
 - (23) $8\frac{1}{4}$ " x $8\frac{1}{4}$ "

[^]Cut (5) if WOF is 44"/45"

^{^^}Cut (10) if WOF is 44"/45"

- (28) of template Arch A *
- (35) of template Arch B*
- (15) of template Arch C
- (9) of template A1*
- (8) of template F
- (6) of template F-Reversed

FROM FABRIC B, CUT:

- (58) of template B**
- (2) of template E
- (3) of template E-Reversed

FROM FABRIC C, CUT:

- (3) of template A2**
- (31) of template B
- (5) of template E
- (2) of template E-Reversed
- (2) of template F
- (3) of template F-Reversed

FROM FABRIC D, CUT:

- (4) of template A2**
- (40) of template B
- (5) of template E
- (4) of template E-Reversed
- (2) of template F

FROM FABRIC E, CUT:

- (11) of template A1**
- (22) of template C

FROM FABRIC F, CUT:

- (22) of template A1**
- (44) of template C

FROM FABRIC G, CUT:

- (28) of template A1**
- (56) of template C

FROM FABRIC H, CUT:

- (22) of template A1**
- (43) of template C

FROM FABRIC I, CUT:

- (16) of template A1**
- (32) of template C

FROM FABRIC J, CUT:

- (20) of template A1**
- (40) of template C

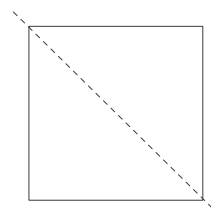


FIG 1

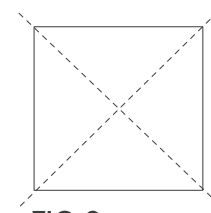


FIG 2

*See page 2 for cutting diagrams.

**Visit page 3 for more information on preparing these templates for your chosen appliqué technique.

INSTALLMENT 1: CUTTING LAYOUTS

Place all templates right side up on the right side of the fabric when cutting.

For Fabric A: templates Arch A and Arch B can be cut two-at-a-time with the fabric folded wrong sides together as shown in Fig 3 (40" WOF) and Fig 4 (44"/45" WOF). The Arch C templates should be cut through one layer of fabric only. Cut out smaller templates from yardage remnants.

For Fabric B: Template B can be cut two-at-a-time with the fabric folded wrong sides together as shown in Fig 5 (40" WOF) and Fig 6 (44"/45" WOF).

For all fabrics: The E, E-Reversed, F, F-Reversed templates should be cut through one layer of fabric only.

Use the layouts to assist you in efficiently cutting templates from remaining fabrics.

YARDAGE REMNANTS

Visit Karen Brown's [YouTube Channel](#) Just Get it Done Quilts, and learn how to make strips from your fabric crumbs using machine tape! Use your completed strips to add an accent to your quilt's backing.

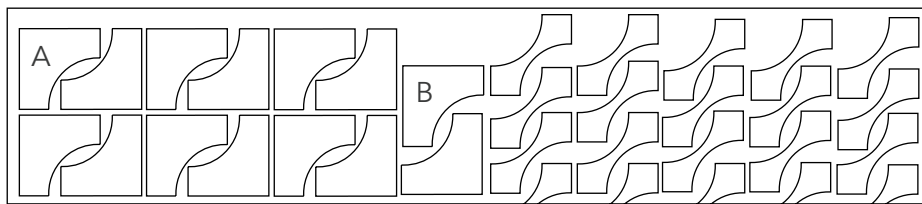


FIG 3 (40" WOF)

FOLD

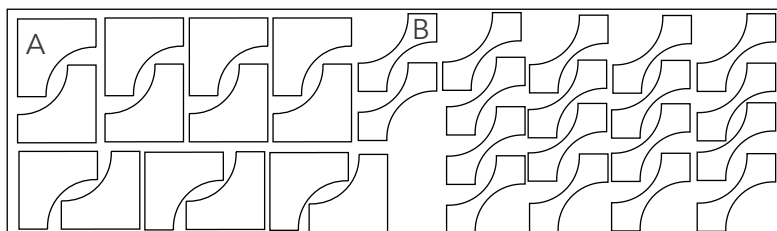


FIG 4 (44"/45" WOF)

FOLD

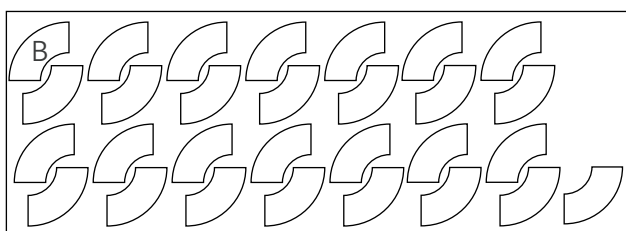


FIG 5 (40" WOF)

FOLD

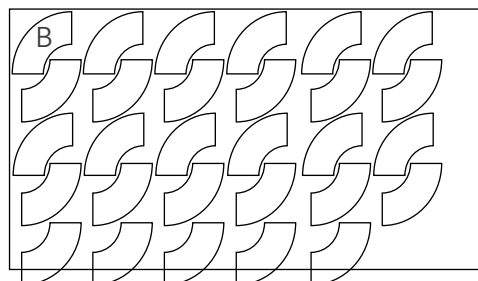


FIG 6 (44"/45" WOF)

FOLD

HOW TO FUSIBLE WEB APPLIQUÉ (RAW EDGE)

1. Trace the inner dashed line of templates A1 and A2 onto the smooth side of your fusible web. Check out the time saver as alternative to tracing. Roughly cut out each template with a 1/8" border (Img 1).

2. With the glue side down, apply the fusible web to the back of your fabric as per the manufacturer's directions (Img 2).

3. Once cooled, cut along the drawn line (Img 3).

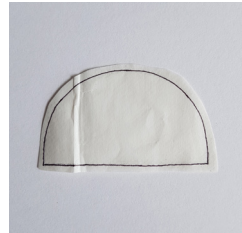
4. Confirm the placement of the template(s) on your quilt block. Peel the backing off the fusible web (Img 4). Carefully iron in place as per the manufacturer's directions (Img 5).

5. Secure each template to your quilt block by using your preferred appliqué stitch in a matching thread (Img 6). Do not stitch along the bottom edge of the piece as it will be caught in the seam allowance once the blocks are joined. (A contrasting thread has been used for demonstration purposes only.)

(I did not find that I needed stabilizer when sewing the appliqué stitches; however, you are welcome to use it, if needed.)

TIME-SAVER

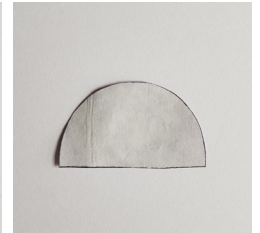
Print page 11 onto the smooth or gridded side of your fusible web to save time. This works well with Steam-A-Seam sheets, but you will have to trim the 9" x 12" sheets to 8.5" x 11".



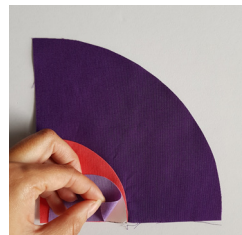
IMG 1



IMG 2



IMG 3



IMG 4



IMG 5



IMG 6

PREPARING TEMPLATES FOR NEEDLE-TURN APPLIQUÉ

There are a variety of ways to approach needle-turn appliqué. For the classic technique, I recommend printing two copies of the templates on page 5.

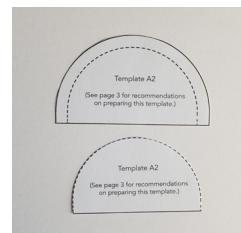
1. Cut out templates A1 and A2 along both the inner dashed borders and the solid outer borders. You will have two of each template: one with a 1/4" seam allowance and one without. A2 is shown for demonstration purposes (Img 7).

2. Use the larger template to cut the number of required templates in each fabric (Img 8).

3. Use the smaller template to mark the 1/4" seam allowance line by placing the template centred on the right side of the piece cut in step 2. Mark the curved edge with a water soluble pen (Img 9).

4. Carefully crease the fabric along the drawn line as shown in Img 10 and Img 11 (this will make it easier to turn your seam allowance under when you begin to sew).

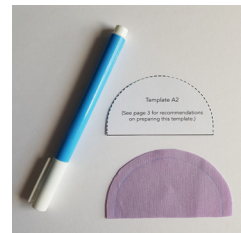
5. Use a matching thread and your preferred appliqué needle to ladder stitch the piece to your quilt block. Use temporary glue or pins to hold your piece in place while sewing. Do not stitch along the straight edge of the piece as it will be caught in the seam allowance once the blocks are joined (Img 6).



IMG 7



IMG 8



IMG 9



IMG 10



IMG 11

INSTALLMENT 1: CUTTING INSTRUCTIONS LABELS

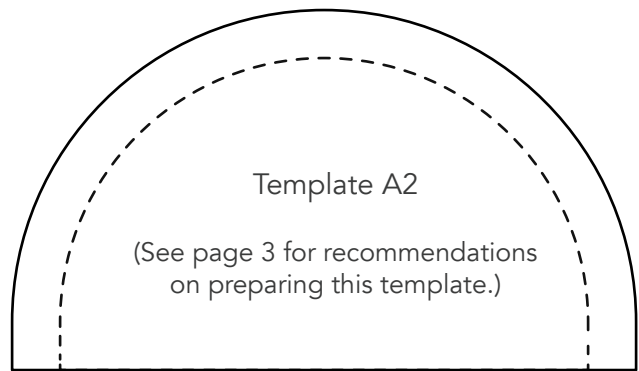
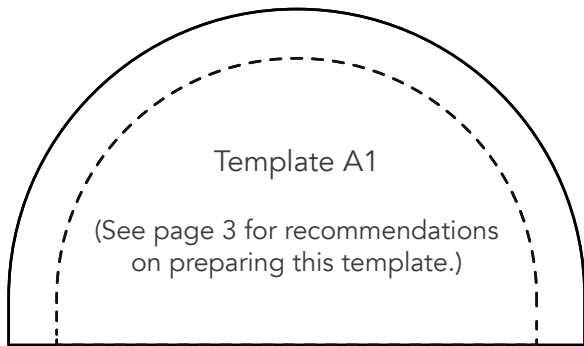
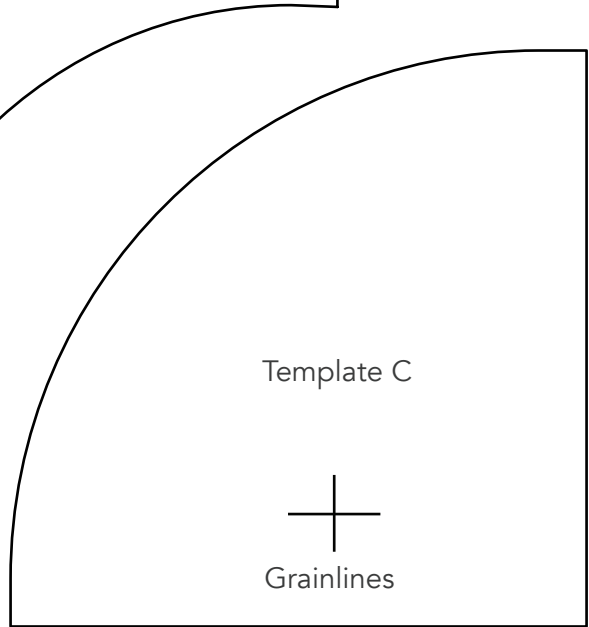
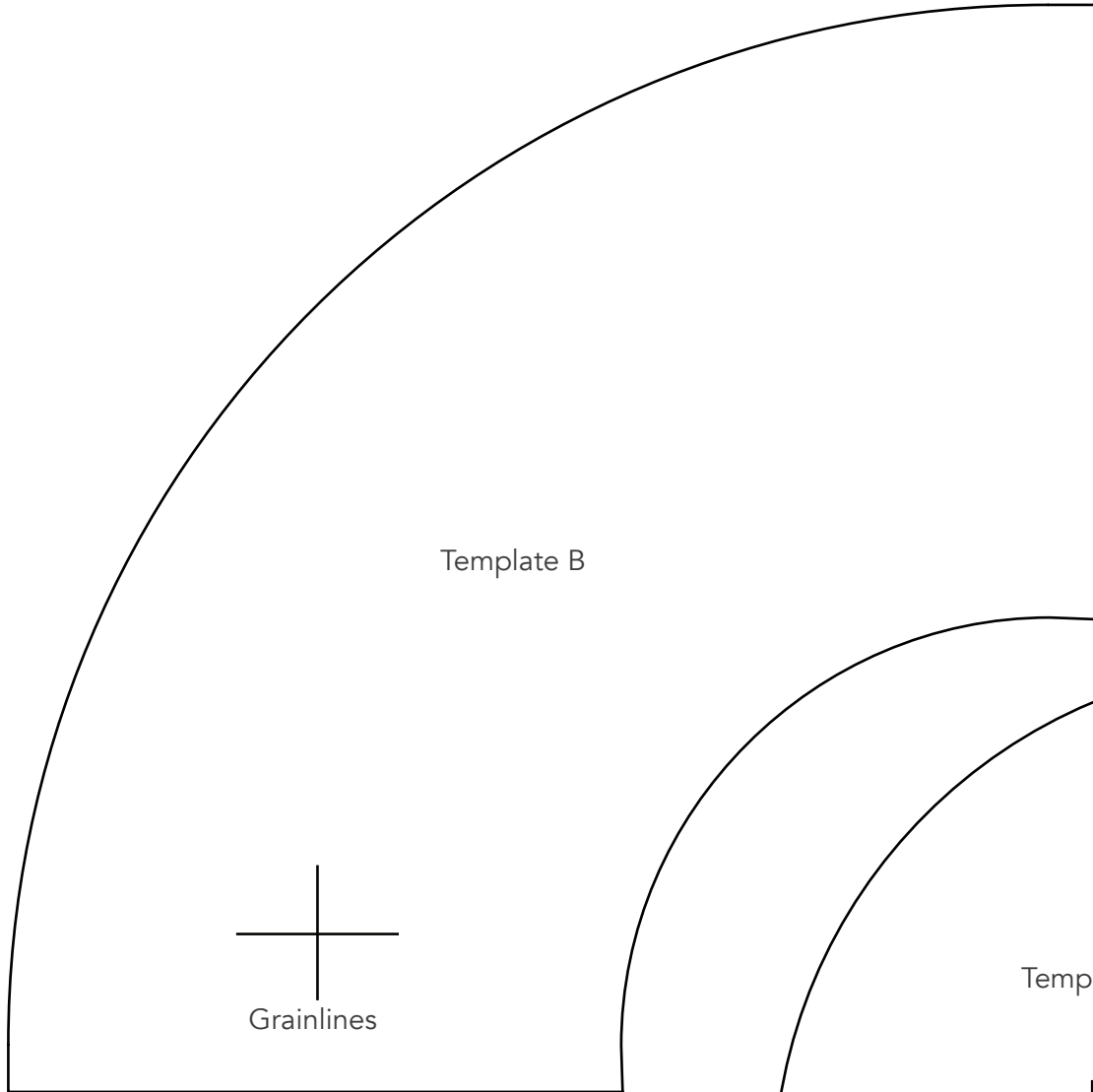
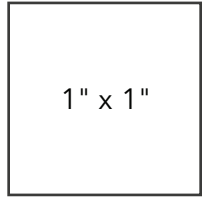
Corner A	Corner B	ST (Setting Triangles)	BG-A	BG-B	BG-C
BG-D	BG-E	BG-F	BG-G	8¼" x 8¼"	10½" x 8¼"
11" x 8¼"	13¼" x 8¼"	Arch A	Arch B	Arch C	Template A1
Template A2	Template B	Template C	Template E	Template E-R	Template F
Template F-R					

BC UNIT LABELS

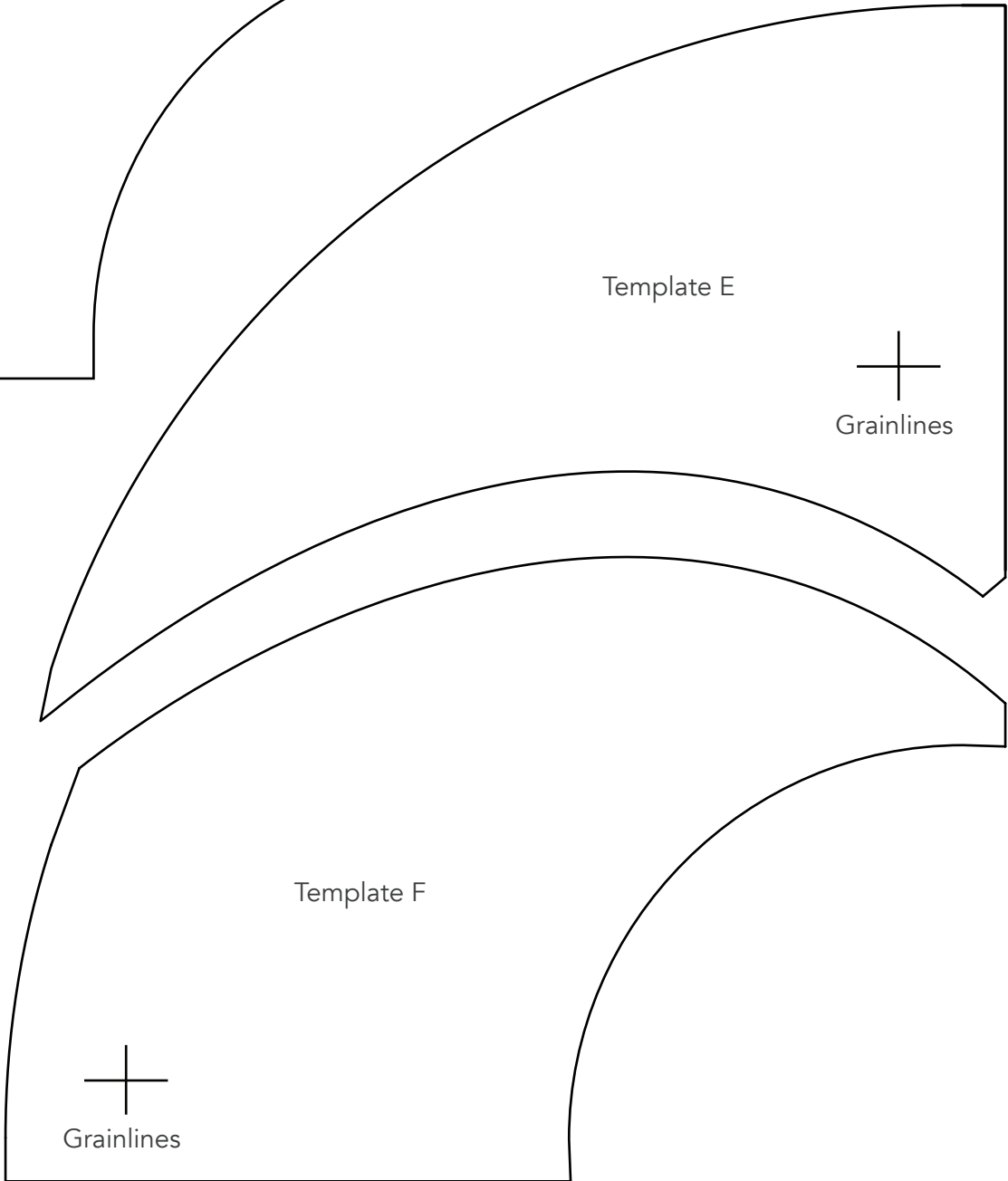
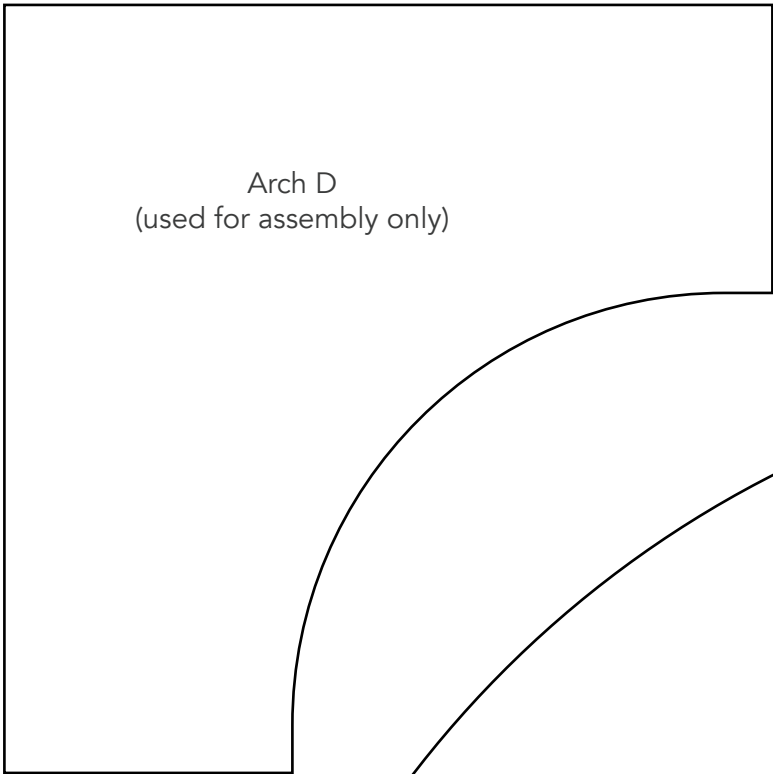
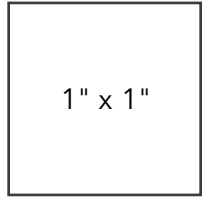
Note that we will be using some of the BC unit labels in Installment 3 as well.

BE	BF	BG	CF	CG	CH
DF	DG	DH	Di	DJ	

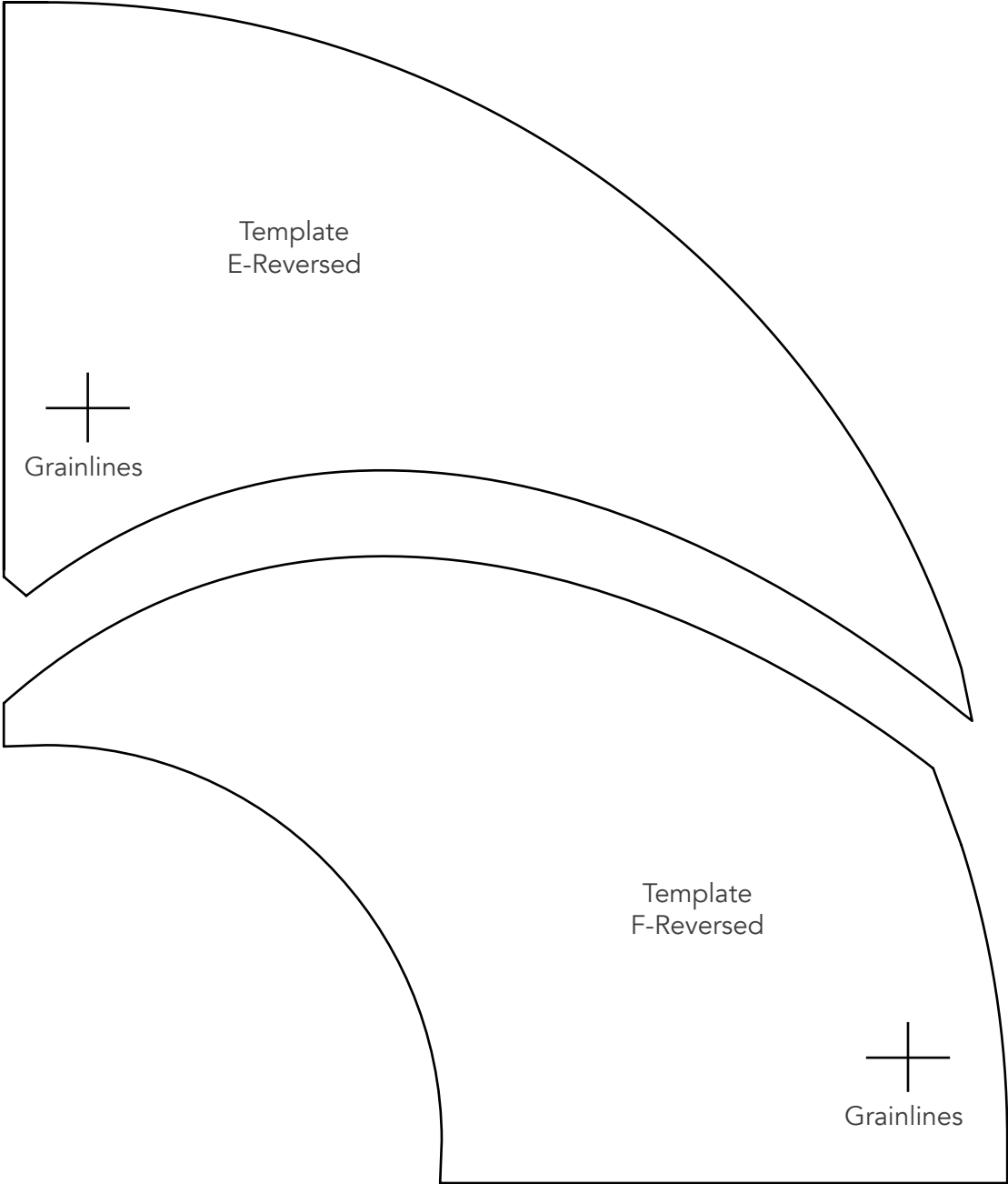
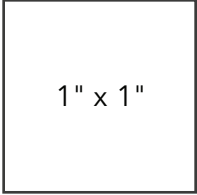
TEMPLATES



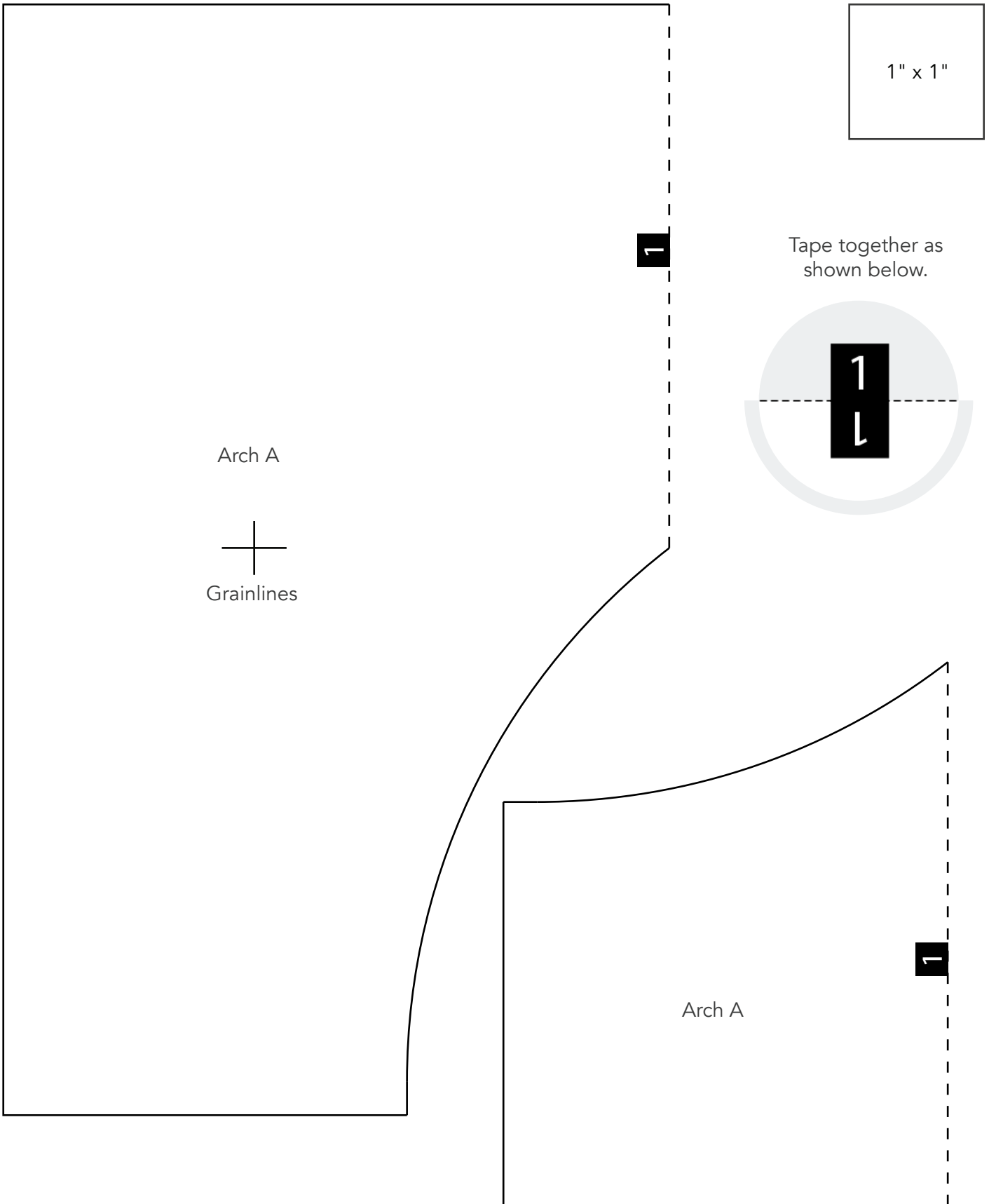
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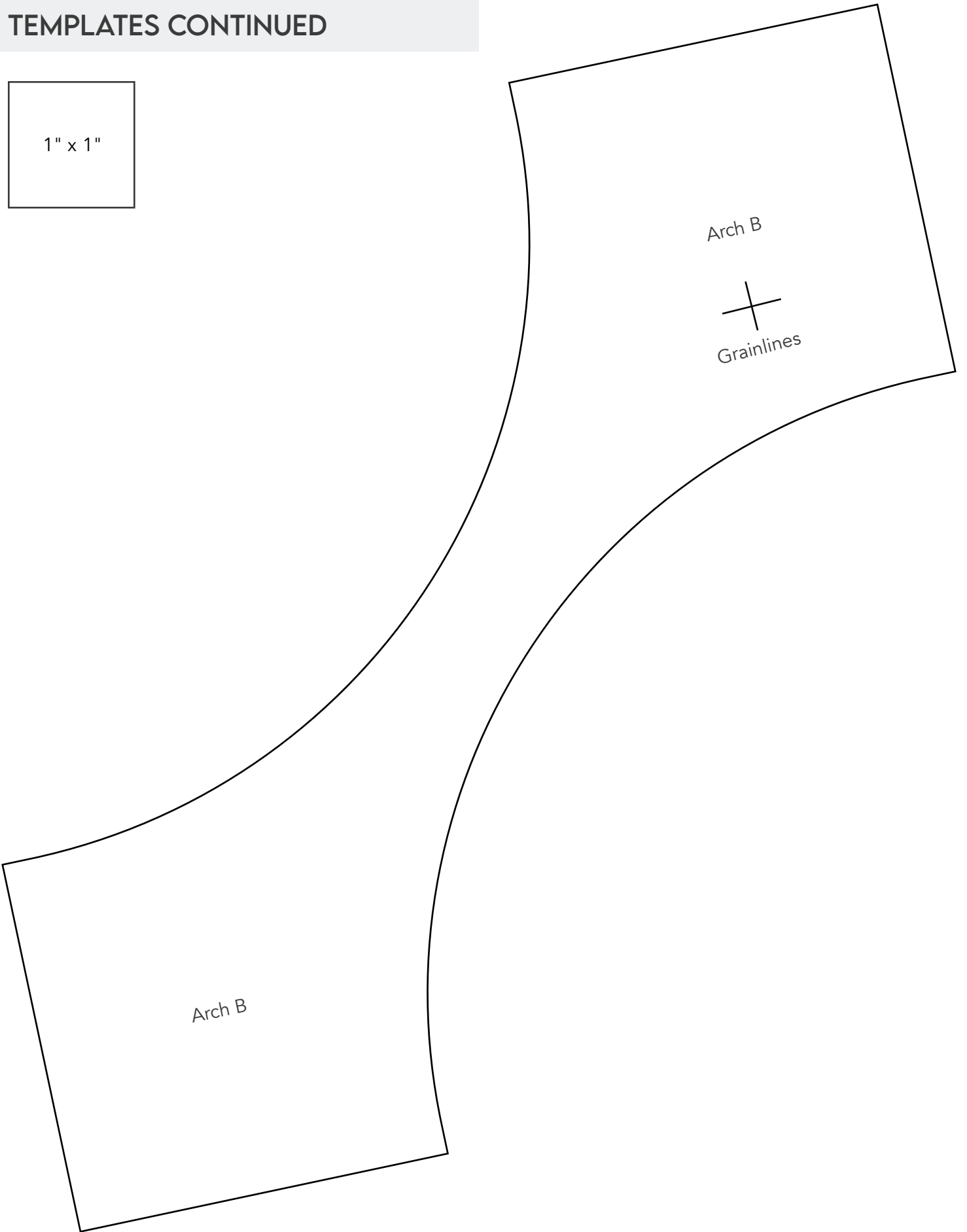
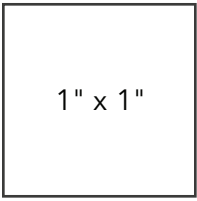
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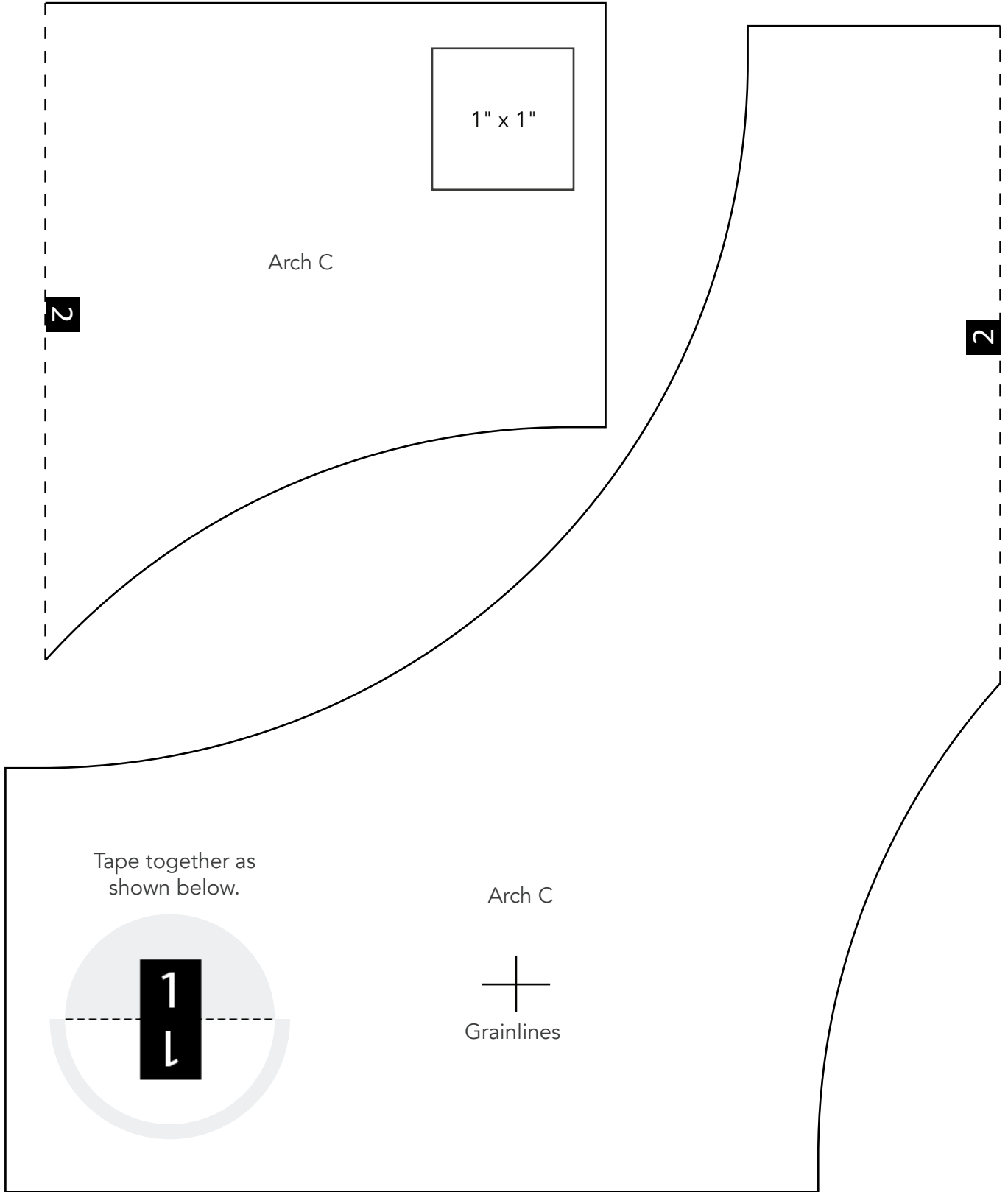
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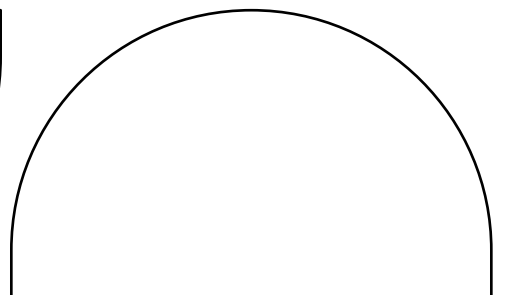
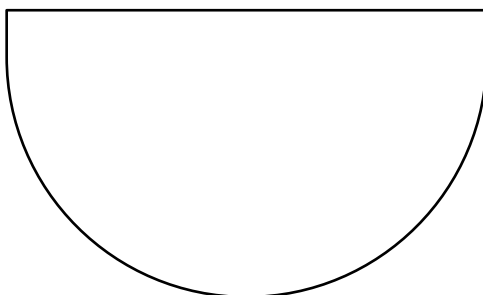
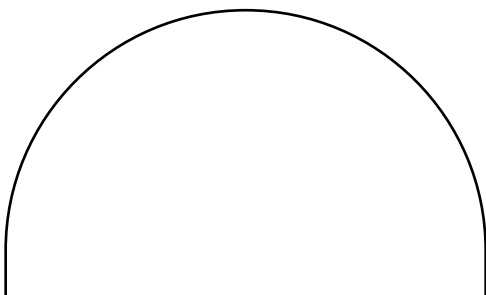
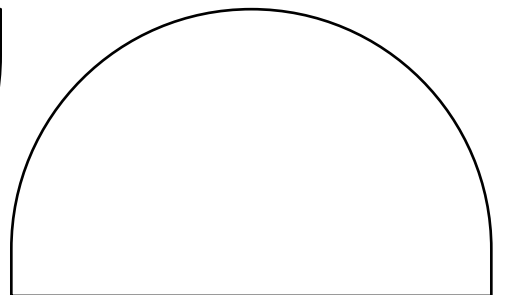
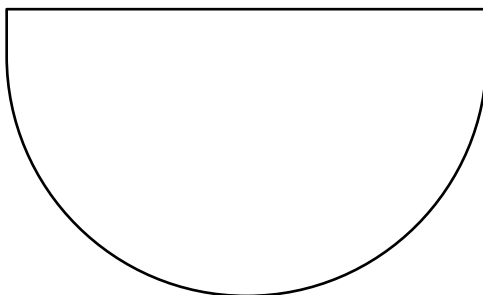
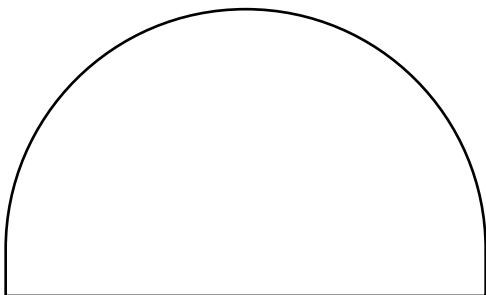
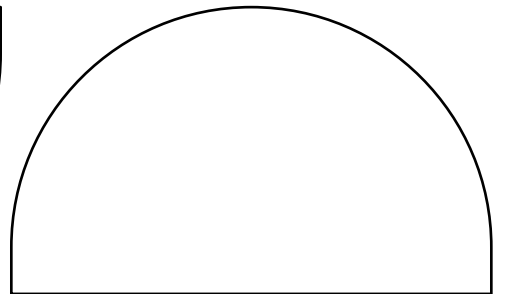
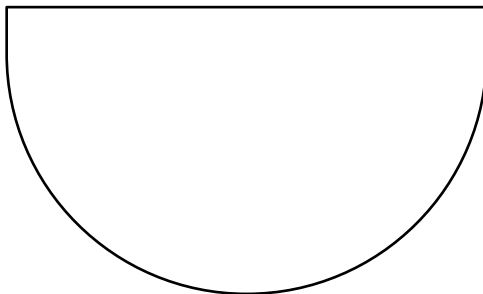
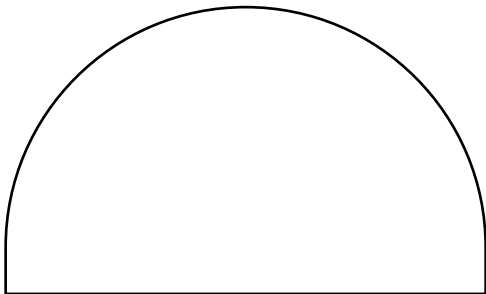
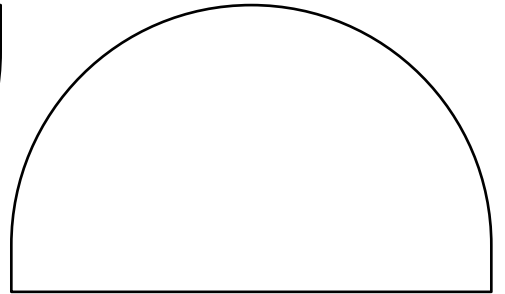
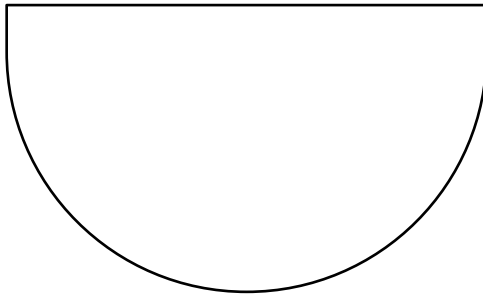
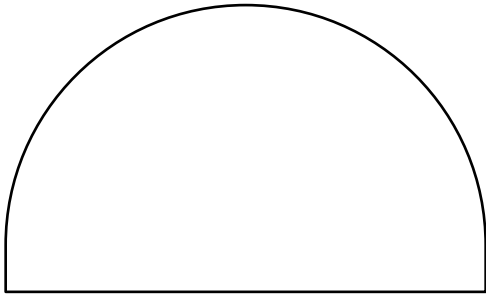
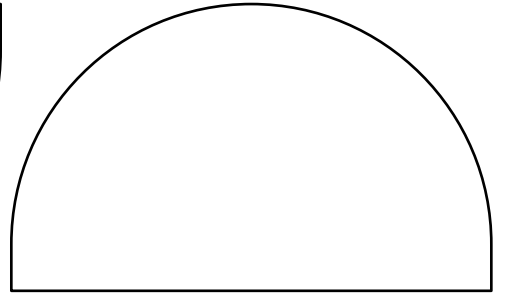
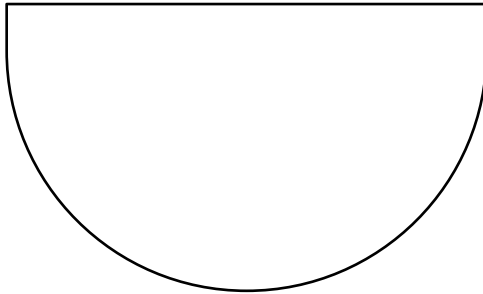
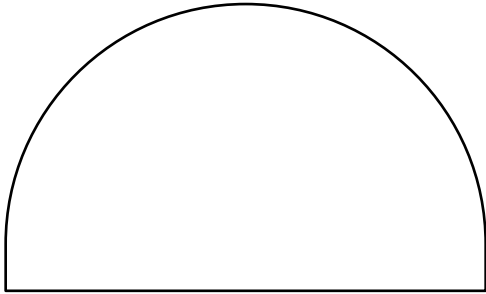
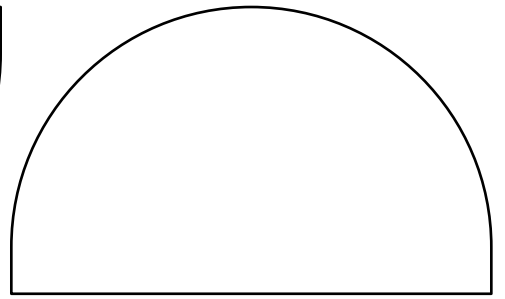
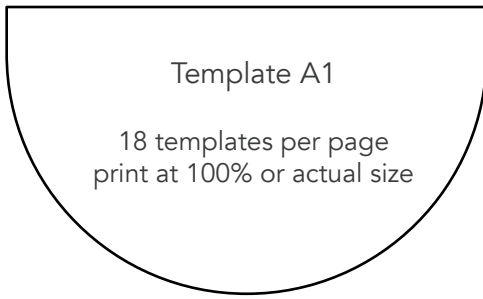
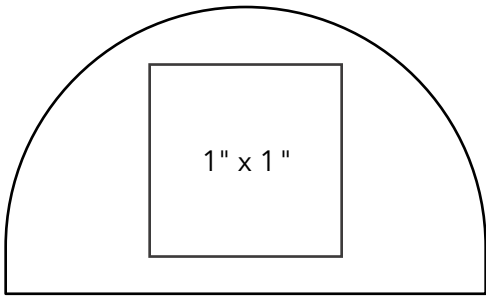


TEMPLATES CONTINUED



TEMPLATES CONTINUED





INSTALLMENT 1: PIECING BC UNITS - PART ONE

For this step we will be piecing a variety of units using the template B and C pieces that were cut in the previous step. These units (Fig 7) will be used in subsequent installments.

Follow the steps below to sew a template B and template C piece together:

1. Fold and finger press three creases along the curved edge of a template C piece by folding it in half, and then folding each edge into the centre crease as shown in Fig 8.

2. Fold and finger press three creases along the inner curved edge of a template B piece using the same method described in step 1.

3. Place the template C piece right side down on the template B piece.

TIP: Before pinning, glue or backstitch the two pieces together at the start and end to ensure that the straight edges will be flush and will create a 90° angle when pressed flat (Img 12 through Img 14).

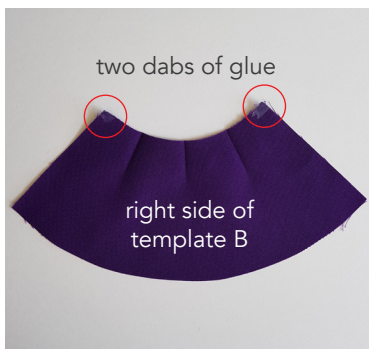
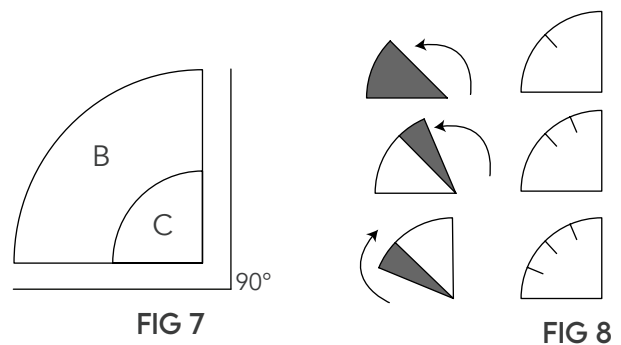
4. Match and pin each of the three creases. (Pin at each end as well if you did not glue or backstitch.) Use additional pins if preferred.

5. With template B on top, sew both pieces together.

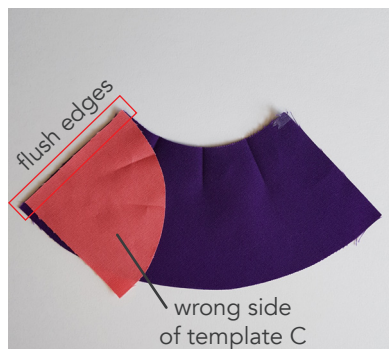
6. Press toward template C.

Use the chart below to sew 58 BC units (Fig 7). Labels are provided on page 4. Note there will be template B and C pieces left over for next month's installment.

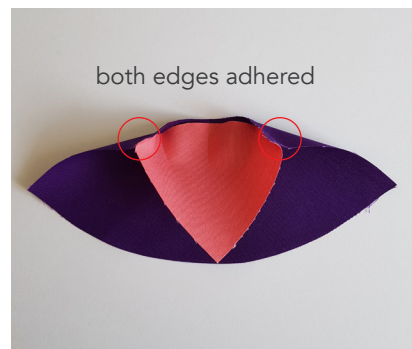
QUANTITY	TEMPLATE B IN FABRIC	TEMPLATE C IN FABRIC	UNIT NAME
16	B	E	BE
29	B	F	BF
13	B	G	BG



IMG 12



IMG 13



IMG 14

SHARE YOUR BLOCKS Share your completed blocks with CQA/ACC members via the mystery quilt Facebook Group, or on Instagram by tagging [@canadian_quilters](#) and [@shipsandviolins](#) or by using the hashtags #mysteryquilt or #paeonquilt.