

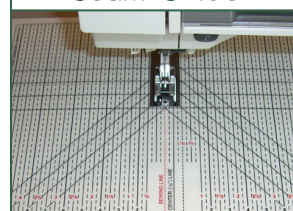
REVERSE PAPER PIECING DOUBLE FEATHERED STAR

Foundation Paper Piecing Made Easy



FINISHED SIZE: 35" x 35"
NO SET-IN SEAMS • NO PARTIAL SEAMS
Designed by Annis Clapp
Machine Quilted by Sabina Thompson

fast2sew™ Ultimate
Seam Guide



P119 DOUBLE FEATHERED STAR

Finished Size: 35" x 35"

Read all instructions carefully before starting.

This Feathered Star block is based on a pattern in Marsha McCloskey's book: "Feathered Star Quilt Blocks I", Kay's Star by Kay Bruce of Kerrville, Texas. It was resized to a larger block size and the center was redesigned for a double feathered star. It is pieced using my reverse paper piecing technique. Rotary cutting instructions and no set-in or partial seams makes this quilt easy enough for intermediate quilters. This block may be used as a center medallion for a larger quilt or used alone for a wall hanging.

- *If the foundation copy paper you are using shrinks during the pressing process, increase the pattern to 101% when making copies.*
- *Make all copies for the same project on the same copy machine using the original block pattern. Do not make a copy from a copy.*
- *If possible, use an inkjet all-in-one printer instead of a copy machine, and foundation paper made for inkjet printers that absorbs the ink for less ink transfer.*
- *Do not place iron directly on printed side of paper when pressing seams.*

MAKING FOUNDATION COPIES

1. Use a copy machine to make 4 copies each of the pattern templates. If you are making the optional center of the block, just make 1 copy of that page and do not use Units A or B. The smaller drawings on each page can be used to make a miniature quilt using traditional paper piecing.
2. Use a rotary cutter and ruler to cut out the copies on the outside solid lines. Staple the 4 matching copies together by stapling in the center of each unit for faster cutting. If the copies were made on the same copier at the same time they should automatically line up. To be sure, place a pin through the 4 copies at the same location on opposite corners before stapling.

PREPARING & CUTTING FABRIC

1. Prewash and iron fabric.
2. Due to the 45° angles and for easier cutting and piecing, a slightly larger than needed seam allowance is added to all pieces.

***Note:** Cutting instructions for borders and binding are on page 8. Cut all strips on crosswise grain unless otherwise specified.*

Place a label on the top fabric piece of each location as you cut them.

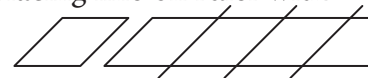
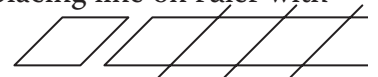
***Tip:** When cutting diamonds and trapezoids, cut fabric strips a few inches longer than needed, then cut in half and layer for faster cutting.*

Purple Fabric

- Locations 1F, 1G: Cut 8 squares $2\frac{3}{8}$ " x $2\frac{3}{8}$ ".

Green Fabric (Star Tips)

- Location 1C: Cut 1 strip $1\frac{3}{8}$ " x 18". Cut at a 45° angle on one end. Cut 8 diamonds $1\frac{3}{8}$ " wide by placing line on ruler with angled edge.
- Location 1J: Cut 1 strip $2\frac{1}{4}$ " x 30". Cut at a 45° angle on one end. Cut 8 diamonds $2\frac{1}{4}$ " wide by placing line on ruler with angled edge.



Gold Fabric

- Locations 4B, 1E: Cut 1 strip $1\frac{1}{4}$ " x 25". Cut at a 45° angle on one end. Use a triangle shaped ruler to cut 8 trapezoids $3\frac{7}{8}$ " on long side.
- Locations 4G, 1H: Cut 1 strip 2" x 42". Cut at a 45° angle on one end. Use a triangle shaped ruler to cut 8 trapezoids $6\frac{3}{4}$ " on long side.



Red Fabric

- Location 2A (center): Cut 1 strip $1\frac{3}{4}$ " x 14". Cut at a 45° angle on one end. Cut 4 diamonds $1\frac{3}{4}$ " wide by placing line on ruler with angled edge.



- Locations 3C, 5C, 7C (feathers): Cut 12 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half.
- Locations 2D, 4D, 6D (feathers): Cut 12 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half.
- Locations 3J, 5J, 7J (feathers): Cut 12 squares $2\frac{3}{4}$ " x $2\frac{3}{4}$ ". Cut in half.
- Locations 2K, 4K, 6K (feathers): Cut 12 squares $2\frac{3}{4}$ " x $2\frac{3}{4}$ ". Cut in half.

Multi-Colored Fabric

- Location 1B: Cut 4 rectangles $1\frac{5}{8}$ " x $2\frac{1}{8}$ ".
- Locations 5B, 2E: Cut 4 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half. (*Note: The cut-off pieces from the 8K kite pieces will work for these.*)
- Location 8D: Cut 4 squares $3\frac{1}{8}$ " x $3\frac{1}{8}$ ". Cut in half. Trim to $3\frac{1}{8}$ " on long edge. You will be making a kite shape. The 2 shorter sides and 2 longer sides should be equal in length.
- Locations 5G, 2H: Cut 4 squares $2\frac{3}{4}$ " x $2\frac{3}{4}$ ". Cut in half.
- Location 8K: Cut 4 squares $5\frac{3}{4}$ " x $5\frac{3}{4}$ ". Cut in half. Trim to $5\frac{3}{4}$ " on long edge. You will be making a kite shape. The 2 shorter sides and 2 longer sides should be equal in length.

Background Fabric 1

For faster cutting, cut into following strip widths first: 1 - $2\frac{1}{2}$ ", 2 - $1\frac{7}{8}$ ", 1 - 3", 2 - $2\frac{3}{4}$ "

- Locations 1A, 3A, 3B: Cut 6 squares $2\frac{1}{4}$ " x $2\frac{1}{4}$ ". Cut in half.
- Location 2B: Cut 2 squares $2\frac{1}{2}$ " x $2\frac{1}{2}$ ". Cut in half.
- Locations 2C, 4C, 6C, 8C: Cut 16 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half.
- Locations 1D, 3D, 5D, 7D: Cut 16 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half.
- Locations 2F, 3F, 2G, 3G: Cut 8 squares 3" x 3". Cut in half.

- Locations 2J, 4J, 6J, 8J: Cut 16 squares $2\frac{3}{4}$ " x $2\frac{3}{4}$ ". Cut in half.
- Locations 1K, 3K, 5K, 7K: Cut 16 squares $2\frac{3}{4}$ " x $2\frac{3}{4}$ ". Cut in half.

Background Fabric 2

- Cut 1 strip $6\frac{5}{8}$ " x 42" for setting triangles. Cut into 4 quarter-square triangles $13\frac{1}{4}$ " on long side.



These are slightly oversized and will be trimmed after sewing. If you have enough fabric, these could also be cut from a $13\frac{1}{4}$ " square by cutting diagonally in both directions.

- Cut 4 squares 9" x 9" for corner squares. These are slightly oversized and will be trimmed after sewing.

Optional Center (Replaces Units A & B)

- Location 1: Cut 1 square $4\frac{7}{8}$ " x $4\frac{7}{8}$ ". Cut a $1\frac{1}{2}$ " triangle off each corner. If using background 1 fabric, cut before cutting strips. (*Note: If you don't want to do Locations 2 thru 9, cut this square $5\frac{3}{8}$ " x $5\frac{3}{8}$ ".*)
- Locations 2, 3, 4, 5: Cut 4 rectangles 3" x $7\frac{7}{8}$ ".
- Locations 6, 7, 8, 9: Cut 4 rectangles $3\frac{3}{4}$ " x $7\frac{7}{8}$ ". Cut a $\frac{1}{2}$ " triangle off top corners.
- Locations 10, 11, 12, 13: From Gold Fabric, cut 1 strip $1\frac{1}{8}$ " x 14". Cut a 45° angle on one end. Use a triangle shaped ruler to cut 4 trapezoids $3\frac{3}{4}$ " on long side.
- Locations 14, 15, 16, 17: From Multi-Colored Fabric, cut 2 squares $1\frac{7}{8}$ " x $1\frac{7}{8}$ ". Cut in half.

Separate the fabric pieces for each Unit and place in separate plastic bags with the templates. For identical pieces cut for multiple Units, divide them evenly between the Units.

PREPARING TO SEW

Using an Ultimate Seam Guide will give you a smoother sewing surface and longer, easy to see seam allowance markings for more accurate piecing. It covers the uneven surface between the needle plate and sewing machine cabinet or tray so your fabric will feed smoothly and evenly. It also provides the line needed in front of the needle to make this piecing technique possible.

1. Place the Seam Guide on the sewing machine. (Follow instructions to cut opening for needle and feed dogs.) Make sure the needle lines up with the red sewing line on the Seam Guide and tape in place. The Extension is no longer available, but you can easily make your own if the line in front of the needle is not long enough for all of the block units. Simply draw a red line down the center of a ruled index card. Laminate the card or cover it with clear packaging tape. Line it up with the red sewing line on the Seam Guide and tape in place.
 2. Set sewing machine stitch length to 18-20 stitches per inch (1.5 on some sewing machines). Use an open toe walking foot for best results. If you are sewing with a Pfaff sewing machine with dual feed, use an open toe appliqué foot and engage the dual feed.
 3. The dashed lines on the block patterns are the sewing lines. You will not be able to see these lines as you sew because the fabric will be covering them. The solid lines extending from the dashed lines will be used to line up the dashed lines with the needle and the red sewing line on the Seam Guide. The numbers beside these lines coincide with the same numbered fabric piece. The $\frac{1}{4}$ " space outside the shaded block area is the seam allowance for sewing the blocks together.
- *Always place the fabric piece right side up in the finished position before flipping over to sew. This is especially important for triangles as they can easily be turned in the wrong direction.*
 - *Before folding the paper to trim seams, you will need to pull previously sewn seams loose from the paper at seam allowances. Be careful not to pull the stitches loose from the fabric.*

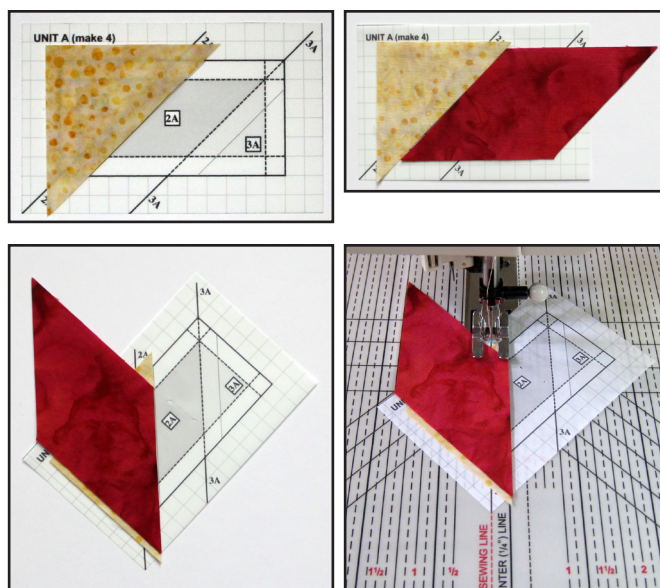
- *If the paper pulls loose from the seams before you are finished, use tape sparingly to hold it in place. Do not let a hot iron touch the tape.*

PIECING THE BLOCKS

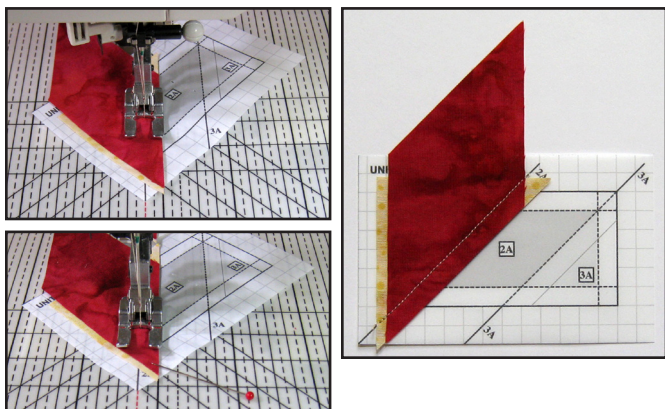
The block units may be pieced in any order, but these instructions are written assuming you're starting with Unit A. More experienced quilters may choose to chain sew more than one Unit at the same time.

1. Place the fabric for piece #1A right side up on the **printed** side of the paper, lining it up with the $\frac{1}{4}$ " seam line. The 2 short sides should extend at least $\frac{1}{8}$ " outside the block area. You may use a straight pin or a washable glue stick to hold it in place. Be sure to pull the glued fabric loose from the paper after sewing the seam. Place fabric piece #2A in the finished position on the paper and then flip over to place in the sewing position. It should extend outside the block area about $\frac{1}{8}$ " on both ends at the seam line. Holding the fabrics in place, align the needle at the edge of the fabric on the short extended solid line #2A and put the needle in the down position centered on the line near the edge of the fabric.

***Tip:** Positioning the template in the direction the seam will be sewn will make it easier to position the fabric pieces.*



2. Align the long extended solid line with the red sewing line on the Seam Guide. Sew seam, making sure the solid line stays on the sewing line of the Seam Guide until the seam is sewn. (*Tip: As you near the end of the fabric, change your focus to the solid line at the edge of the fabric and eyeball the last few stitches, ending on the solid line. Use a long straight pin or awl to hold the fabric edge so it will feed evenly.*) Repeat for each block without cutting the thread between them until pieces #1A and #2A are sewn on all blocks.



Tip: Turn the Units over and check the accuracy of your seams before trimming and pressing.

3. Trim threads, fold paper back on seam line and trim seams as needed by placing the $\frac{1}{4}$ " line of a ruler on the seam. *Since you are sewing from the top and your seams were lined up to start with you may not need to start trimming your seams until you have sewn on piece #3A.* Open up piece #2A and press with a dry iron on cotton setting.

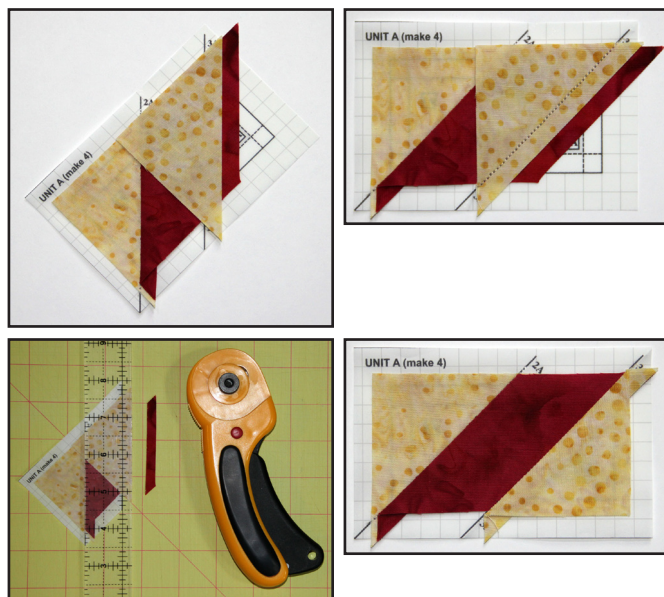
Tip: Use only the tip of the iron when pressing seams. Carefully pressed seams are important. You may also use a wooden pressing tool. Finger pressing first makes it easier.



Note: Sometimes a bumpy seam or a previous seam that's partially under the presser foot will cause it to shift and stray from the line. If this happens simply turn the template over and sew on the line. The locations where I had some shifting were 5B (previous seam under presser foot) and 4G (an extra long seam).

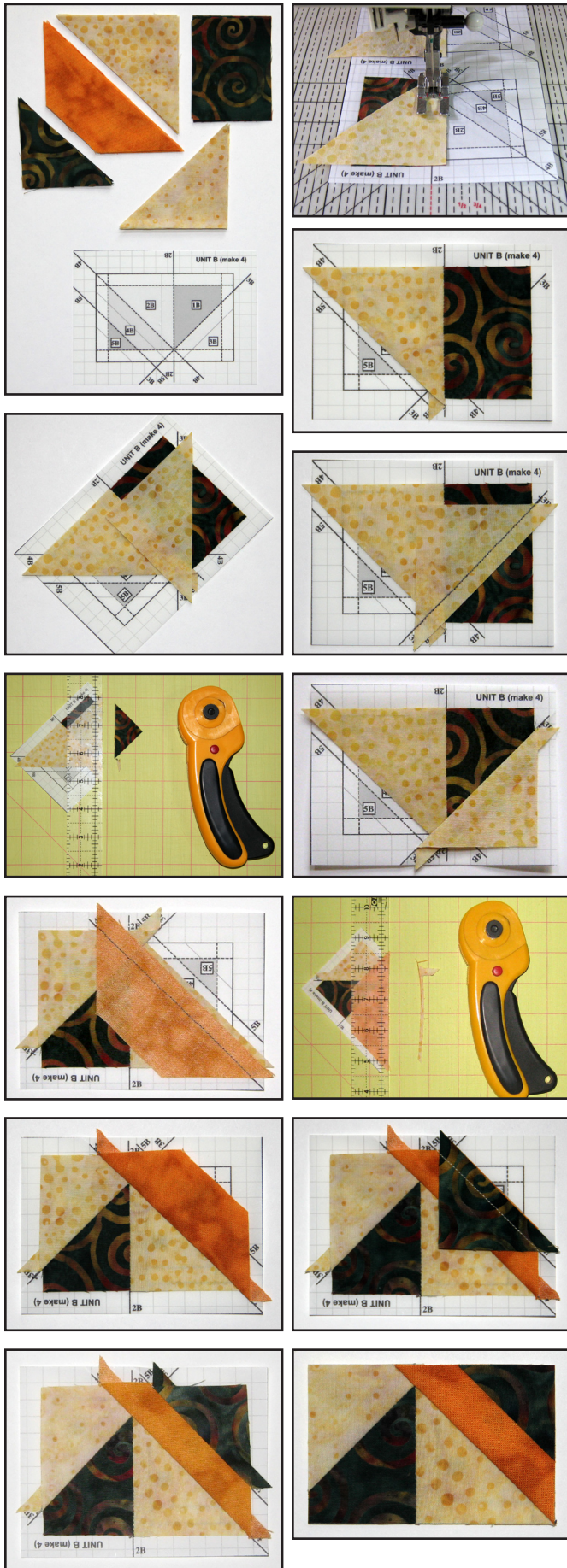
4. Place fabric piece #3A on top of piece #2A, right sides together, along the joining seam line, making sure fabric stays within the seam allowance and is centered over area it should cover. Keep in mind that the number placement for the line you will be sewing on is always to the right side of the line. Sometimes you will be sewing with most of the fabric to the right of the needle and sometimes to the left of the needle, whichever is the shortest distance to the edge of the paper. Repeat Steps 1 thru 3 using sewing line #3A.

Note: The seam allowance guide line is sometimes hidden under the previous fabric. You can estimate a $\frac{1}{4}$ " seam by lining up the edge of the fabric about $\frac{1}{4}$ " from the extended lines.



5. Repeat this process until all pieces are sewn to all block Units.

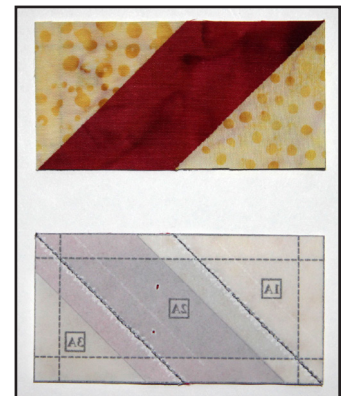
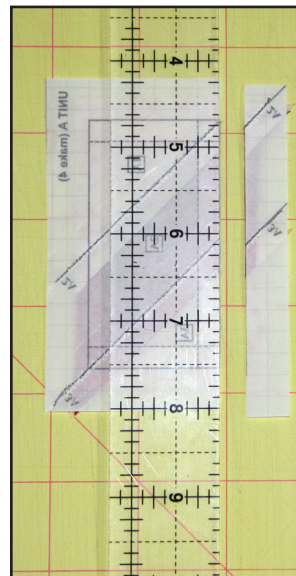
Sewing Unit B



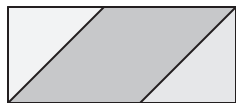
***Tip:** It's okay if your sewn piece doesn't quite cover the seam allowance after pressing as long as it covers a generous $\frac{1}{8}$ ". This could happen if the pieces aren't lined up correctly for sewing. If you continue to have this problem, check your positioning or cut the pieces slightly larger. If the pieces are too large they will cover the guide lines and make it more difficult to piece. If it doesn't quite cover the seam allowance on the outside edge, leave the paper on that area until the blocks are sewn into the quilt.*

***Tip:** If the sewn seams are off a thread width or more you can re sew that area on the back side by sewing on the line as long as the difference is within the seam allowance. If you need to unsew a seam for any reason, place a small piece of tape on the seam line to keep the paper from falling apart. There is no need to tape the full seam. For longer seams or where there are lots of points to match, such as 8K, you may prefer to turn the paper over and sew on the line. If you can't see the line with the light from your sewing machine, mark it lightly with a pencil first.*

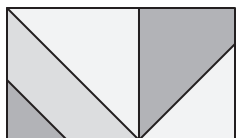
6. Turn the block Units over and trim by placing the $\frac{1}{4}$ " line of a ruler on the outside dashed seam line. If you can't see the lines clearly on the back side of the paper, mark the corners of the seam lines with a pencil before trimming. Make sure the fabric is smooth on the underneath side so you don't accidentally cut off any fabric corners.



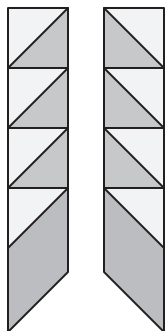
Unit A (make 4)



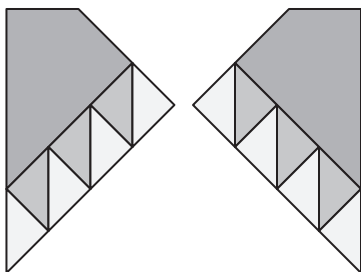
Unit B (make 4)



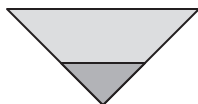
Unit C
(make 4 each
right and left)



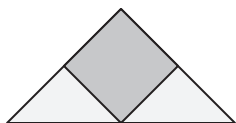
Unit D
(make 4 each
right and left)



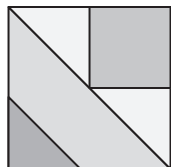
Unit E (make 4)



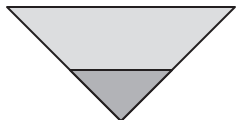
Unit F (make 4)



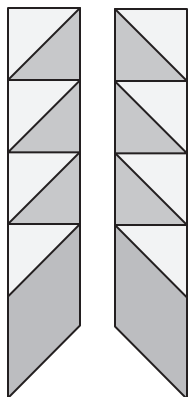
Unit G (make 4)



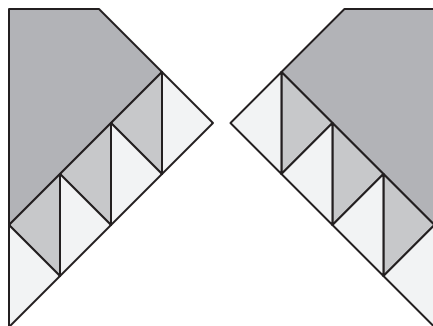
Unit H (make 4)



Unit J
(make 4 each
right and left)



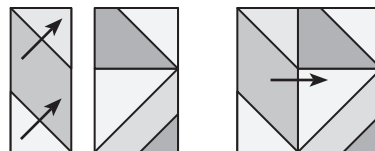
Unit K
(make 4 each
right and left)



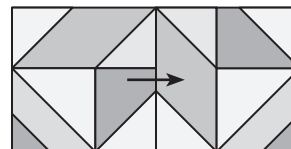
ASSEMBLING THE BLOCK UNITS

Note: Do not remove paper until block units are assembled, but do remove paper from seam allowances before pressing seams. Suggested pressing directions are given. Occasionally you may find it better to press bulky seams open.

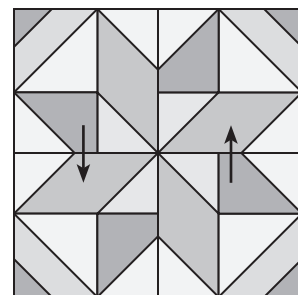
1. Sew 1 Unit A and 1 Unit B together as shown. Press seams to Unit B. Make 4.



Sew 2 Units A/B together as shown. Press seams to Unit A. Make 2.

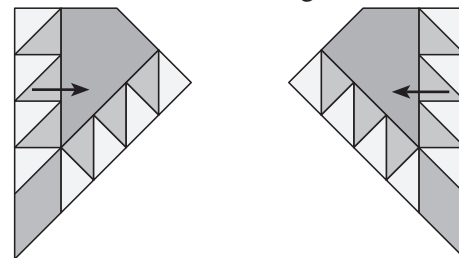


Sew Units A/B together as shown to make Inner Block Center. Press seams to Unit A and open at center.



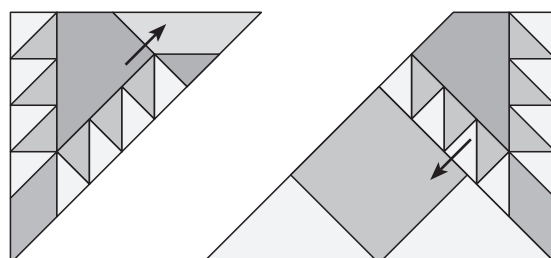
Inner Block Center

2. Sew 1 Unit C and 1 Unit D together as shown. Press to Unit D. Make 4 right and 4 left.

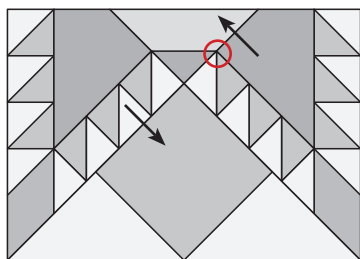


Sew Unit E to left Units C/D. Press to Unit E. Make 4.

Sew Unit F to right Units C/D. Press to Unit F. Make 4.

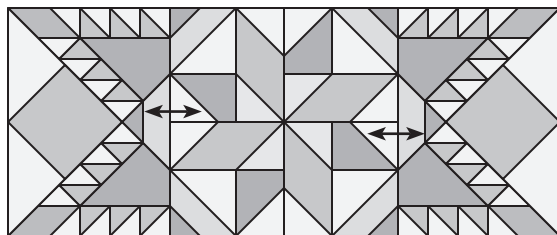


Sew Units C/D/E to Units C/D/F to make Inner Feather Block. Press as shown. Make 4.

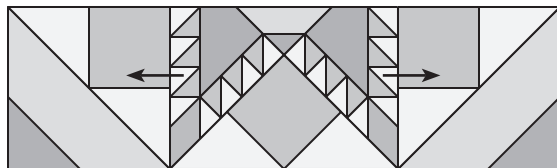


Inner Feather Block

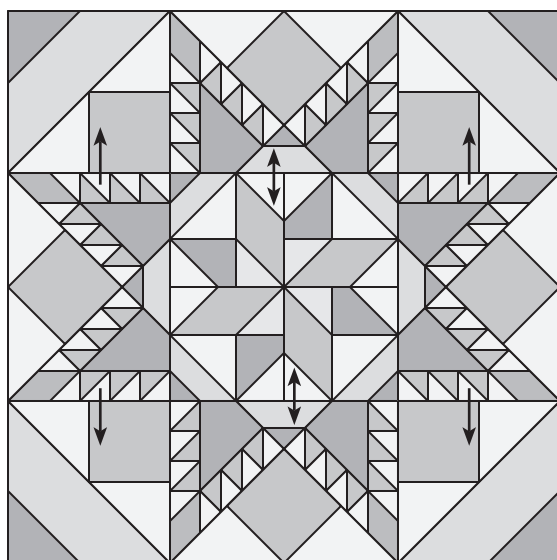
3. Sew an Inner Feather Block to each side of Block Center. Press seam open.



Sew a Unit G to each side of an Inner Feather Block. Press to Unit G. Make 2.

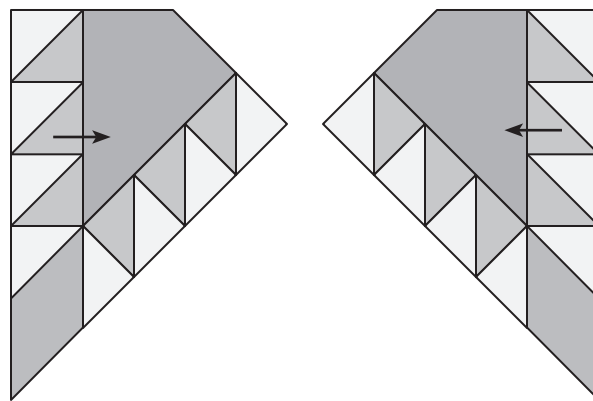


Sew Units together and press as shown to complete Inner Feathered Star Block.



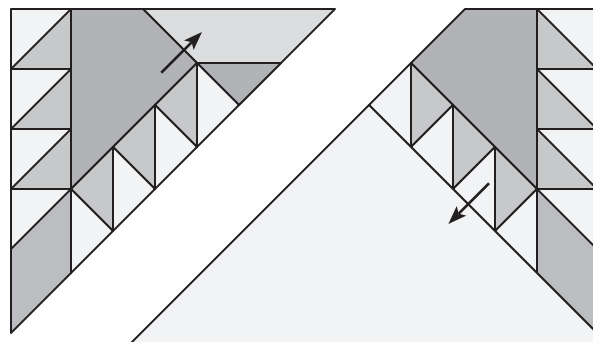
Inner Feathered Star Block

4. Sew a Unit J and a Unit K together as shown. Press to Unit K. Make 4 right and 4 left.

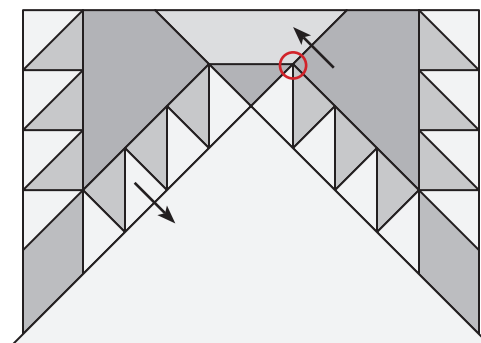


Sew a Unit H to left Units J/K. Press to Unit H. Make 4.

Sew a setting triangle to right Units J/K, lining up top edge. The setting triangle will be slightly oversized at bottom edge. Press to setting triangle. Make 4.

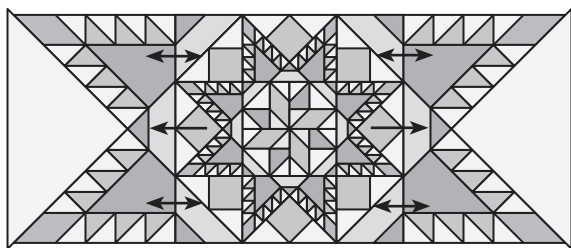


Sew Units together as shown to make Outer Feather Block. Press as shown. Make 4.

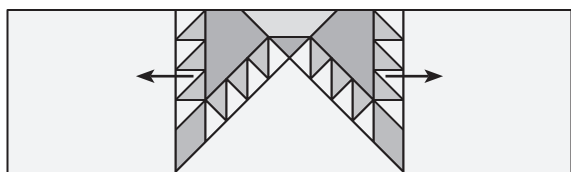


Outer Feather Block

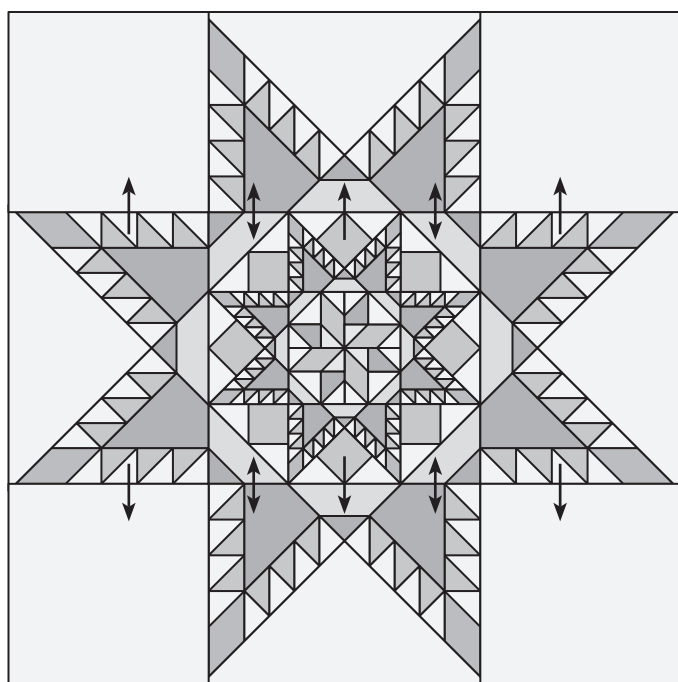
5. Sew an Outer Feather Block to each side of Inner Feathered Star Block. Press as shown.



Sew a corner square to each side of an Outer Feather Block. Press to corner square. Make 2.



Sew Units together and press as shown to complete quilt center.



Square edges of setting triangles and corner squares leaving a $\frac{1}{4}$ " seam allowance at star tips. Remove paper before adding borders.

CUTTING BORDERS AND BINDING

From Gold Fabric, cut:

- 4 strips 1" x width of fabric for inner border.

From Border Fabric, cut:

- 4 strips $3\frac{1}{2}$ " x width of fabric for outer border.

From Purple Fabric, cut:

- 4 strips 1" x 38" for binding trim.

From Green Fabric, cut:

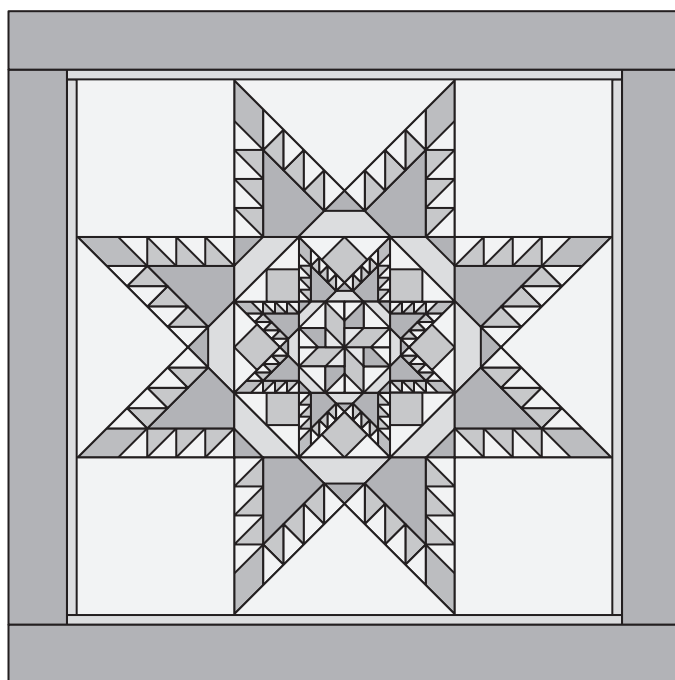
- 4 strips 3" x width of fabric for binding.

Tip: If you plan to miter your borders, sew inner and outer borders together first before sewing to the quilt.

ADDING THE BORDERS

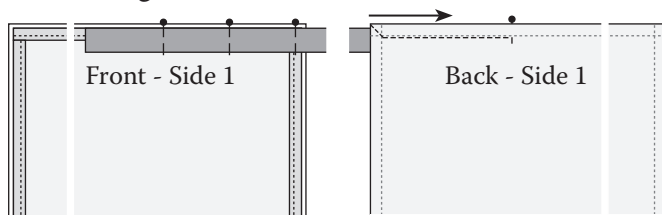
1. Measure the average length of the Quilt Center. Mark, pin, and sew inner side borders to quilt. Press to border. Cut excess fabric length.
2. Measure, mark, pin, and sew top and bottom inner borders to quilt. Press to border. Cut excess fabric length.
3. Repeat Steps 1 and 2 for Outer Border.

QUILT TOP DIAGRAM

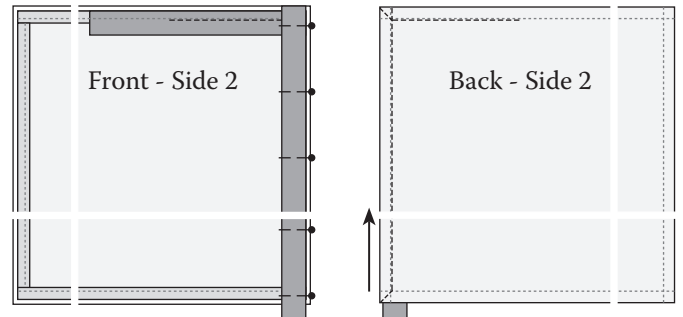


FINISHING

1. Layer with backing and batting and quilt as desired.
2. Diagonally piece the binding strips. Trim seams and press open. Fold binding and binding trim in half lengthwise and press.
3. With raw edges matching, add binding trim to quilt sides using a scant $\frac{1}{4}$ " seam allowance. Be exact with your stitching as you will be using the seam on the back side of the quilt as a guide for adding binding. Repeat to add binding trim to top and bottom of quilt. Trim excess batting and backing fabric, leaving $\frac{1}{8}$ " extra batting for a $\frac{3}{8}$ " binding.
4. With raw edges matching, add binding to quilt starting near the center of any side. Leave the first 6-8" unsewn. Pin binding to corner. Sew on the back side of the quilt next to the seam for the binding trim in the direction shown, starting at the corner.

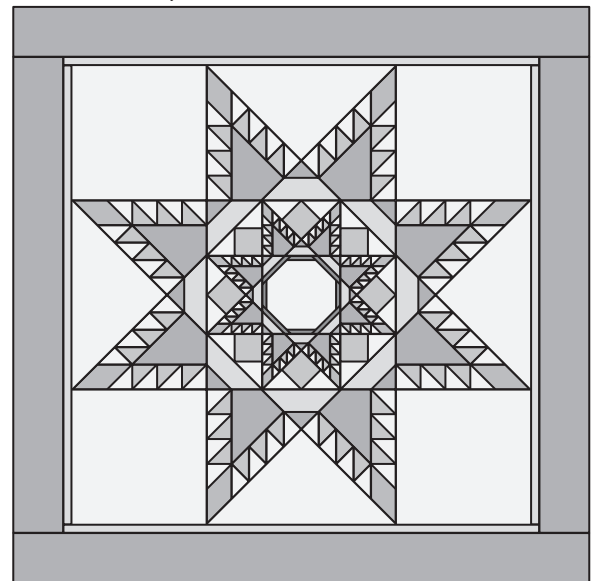


5. Pin and sew next side mitering the corner. Sew from next corner to the previous sewn corner in the direction shown.



6. Repeat around. Leave last 6-8" unsewn on beginning side (12-16" counting first 6-8"). Overlap binding strips and trim excess so the overlap is 3" (the same width as the binding strips). Unfold and diagonally piece the ends, trim seam and press open. Refold, pin and sew remaining binding to quilt on the back side. Press binding away from quilt center.
7. Fold binding to back of quilt and blind stitch in place.
8. Add a hanging sleeve, label your quilt and enjoy.

Optional Quilt Center

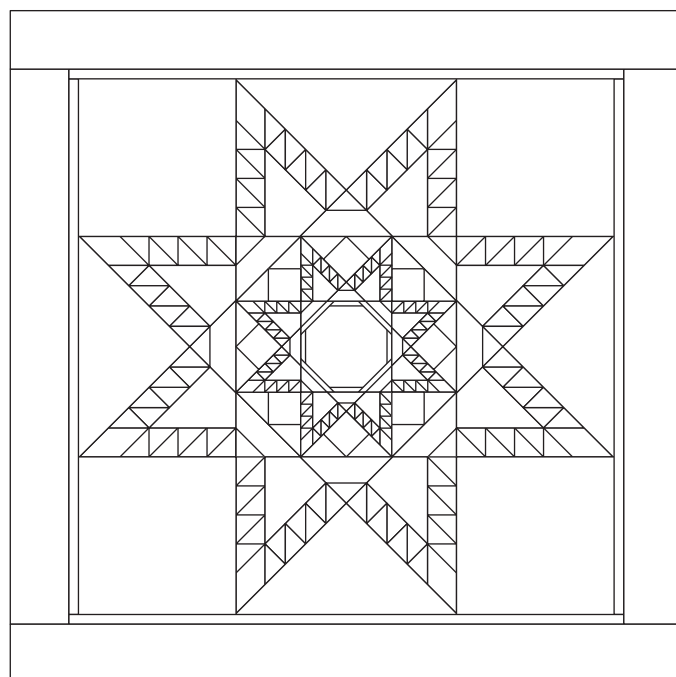


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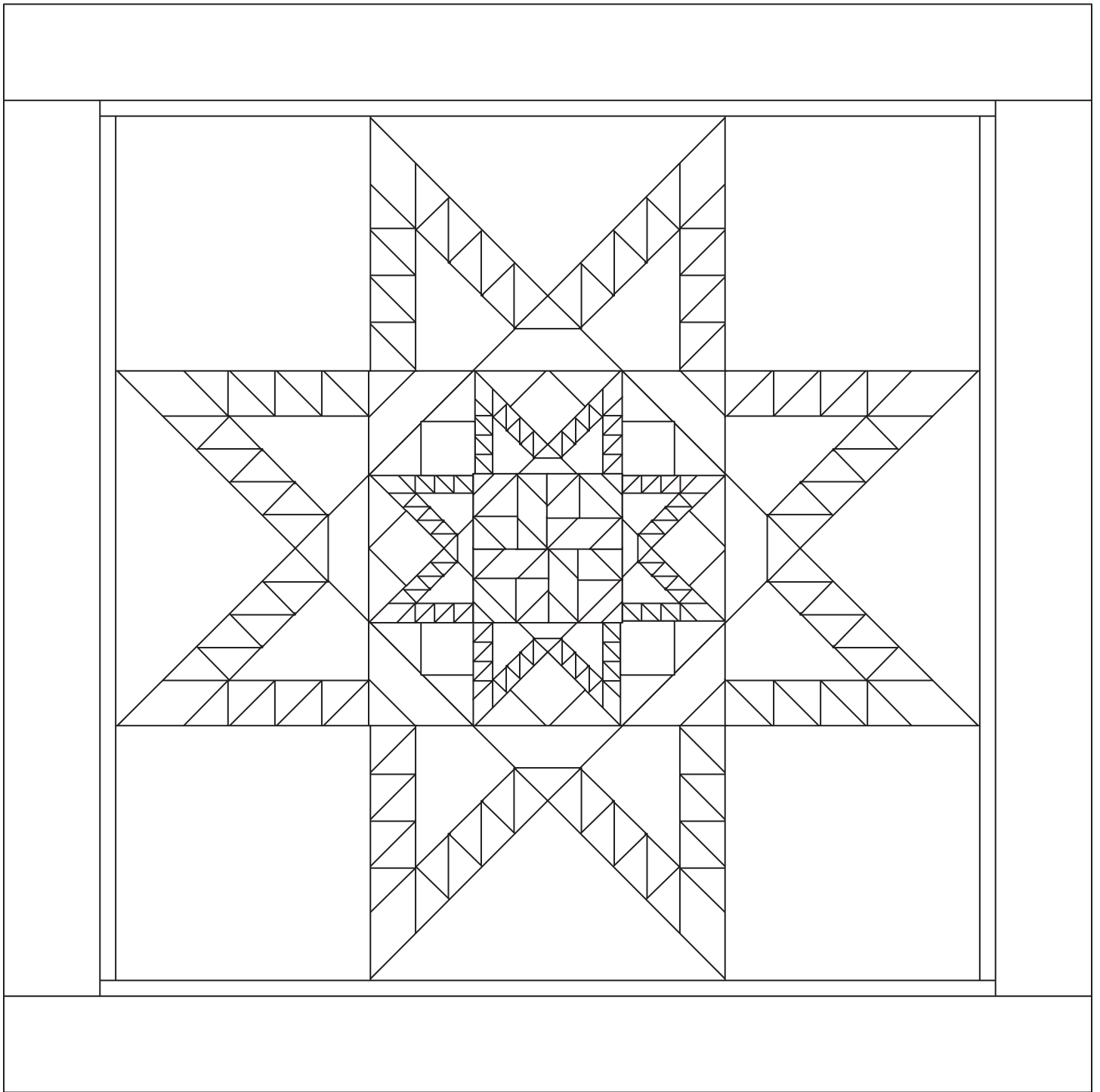
AMC Designs
PO Box 170543
Arlington, TX 76003

E-mail: ajclapp@aol.com - www.amc-quilts.com

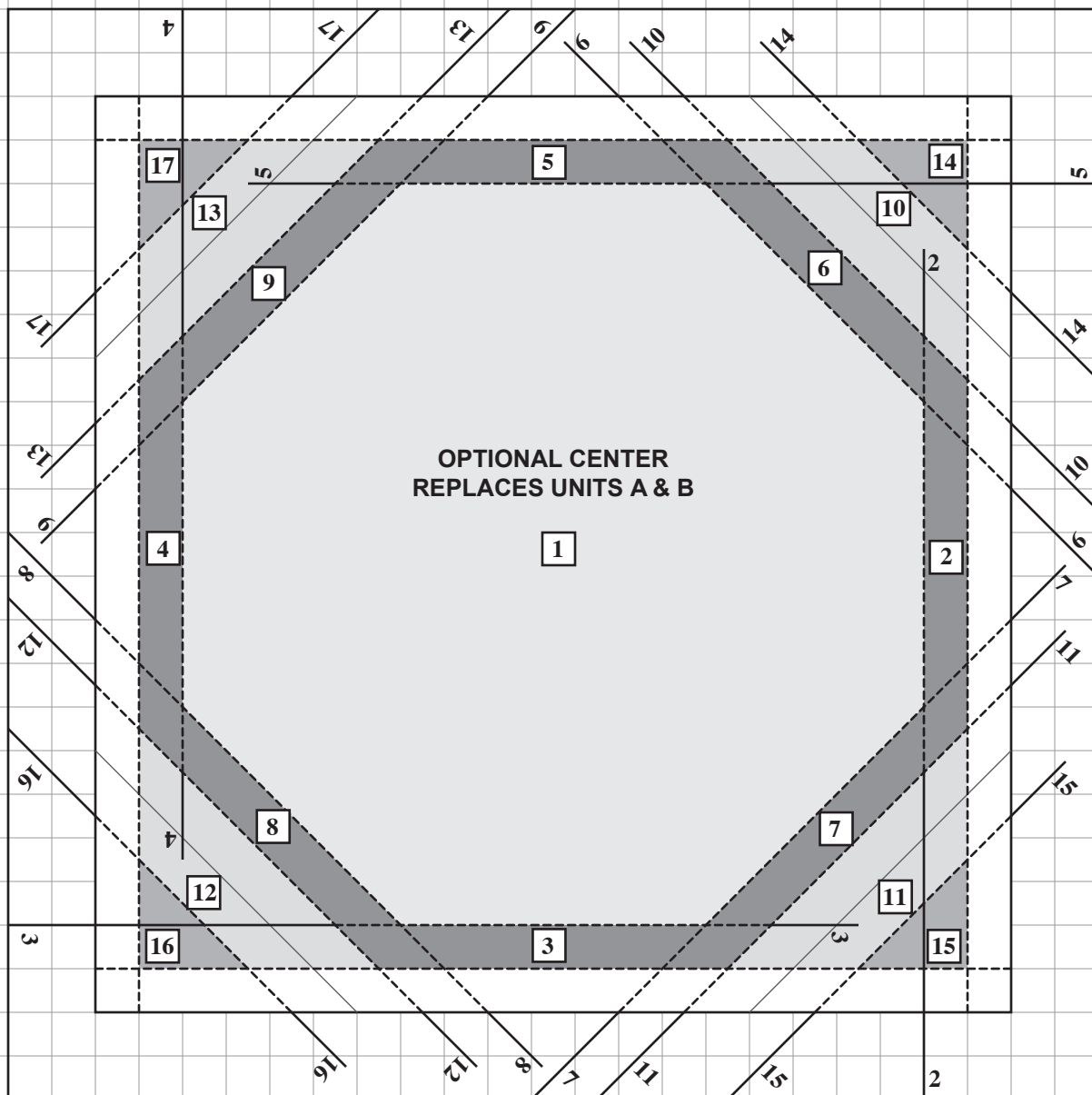
These instructions are presented in good faith, but no warranty is given, nor results guaranteed. AMC Designs disclaims any liability for unfavorable results.



Enlarge this diagram and use colored pencils to experiment with different colorways for optional quilt center.

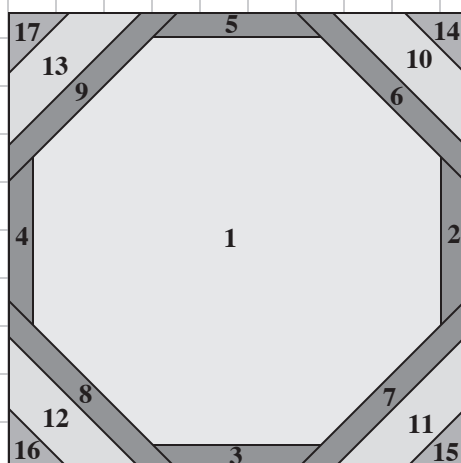


Make a copy of this diagram and use colored pencils to experiment with different colorways.

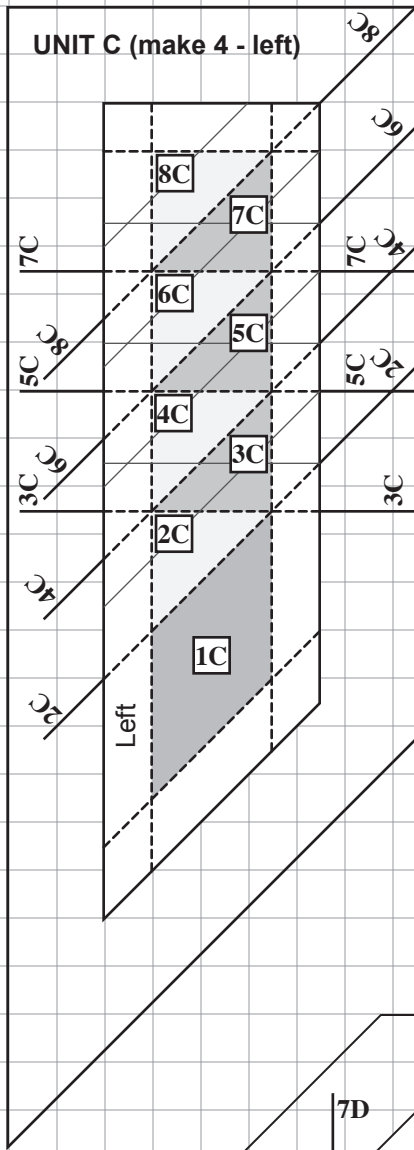


Make 1 copy of page.

Note: To assure that the paper foundation templates printed correctly, the background grid should measure $\frac{1}{4}$ ".



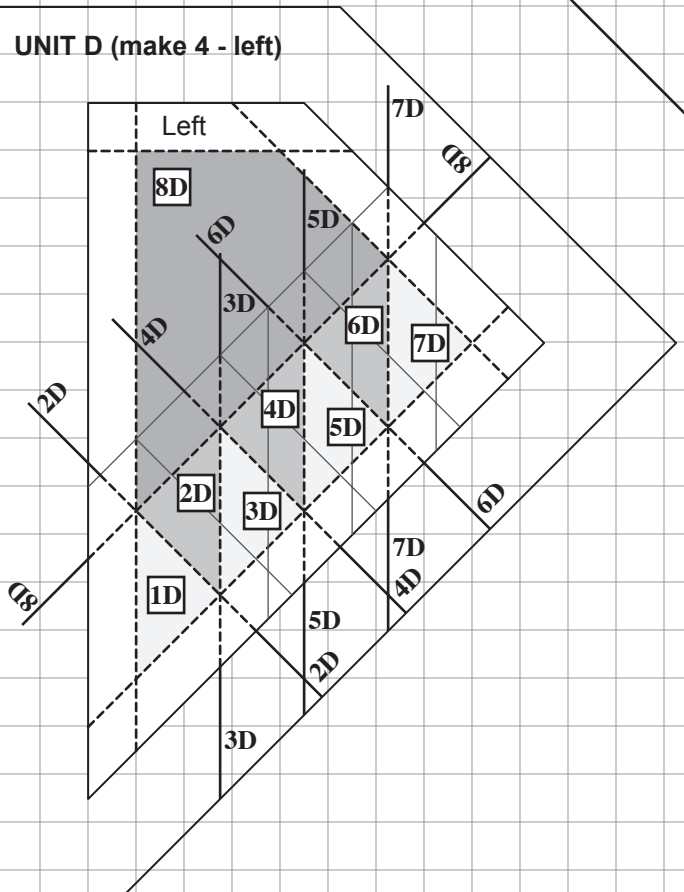
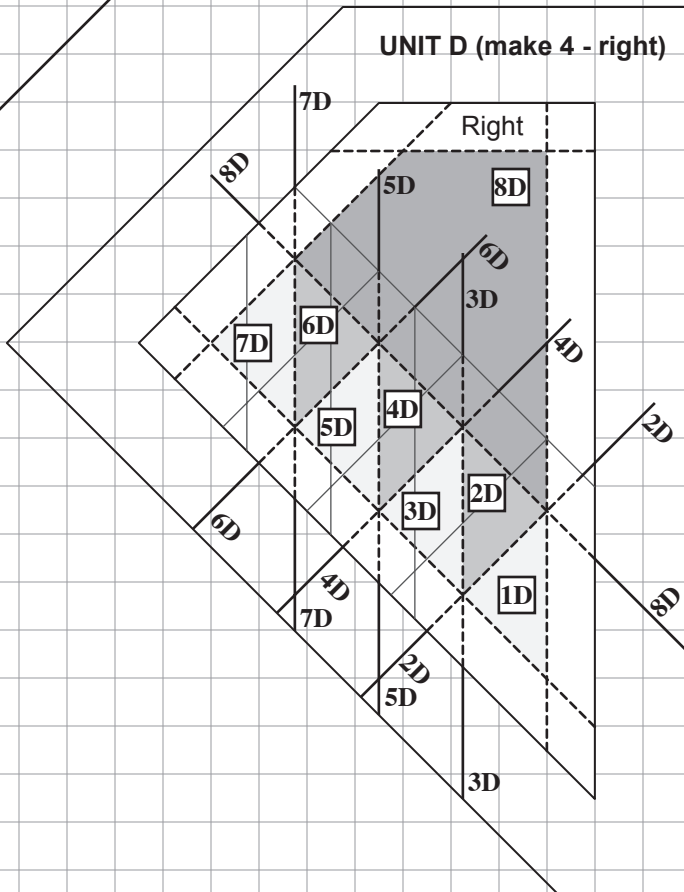
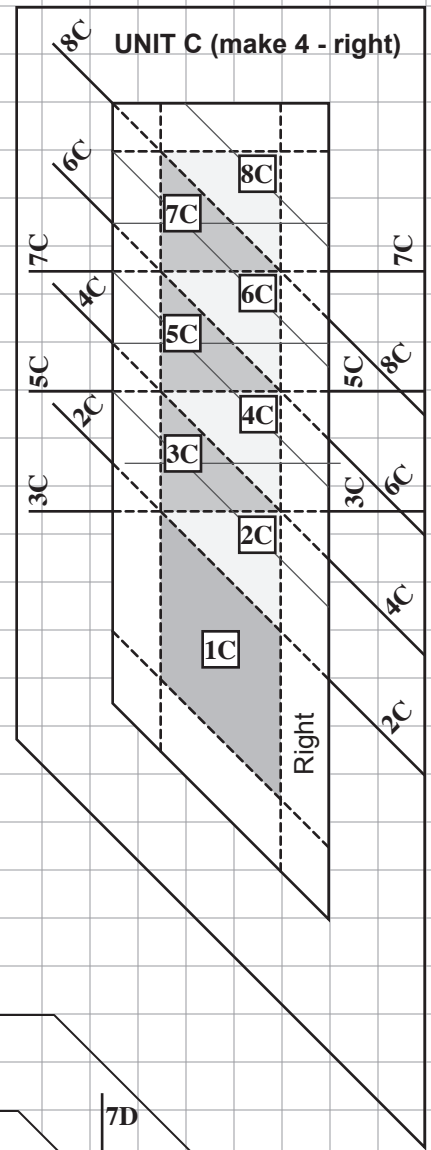
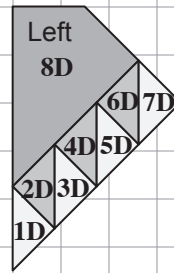
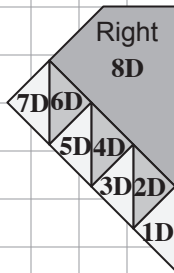
Master Template

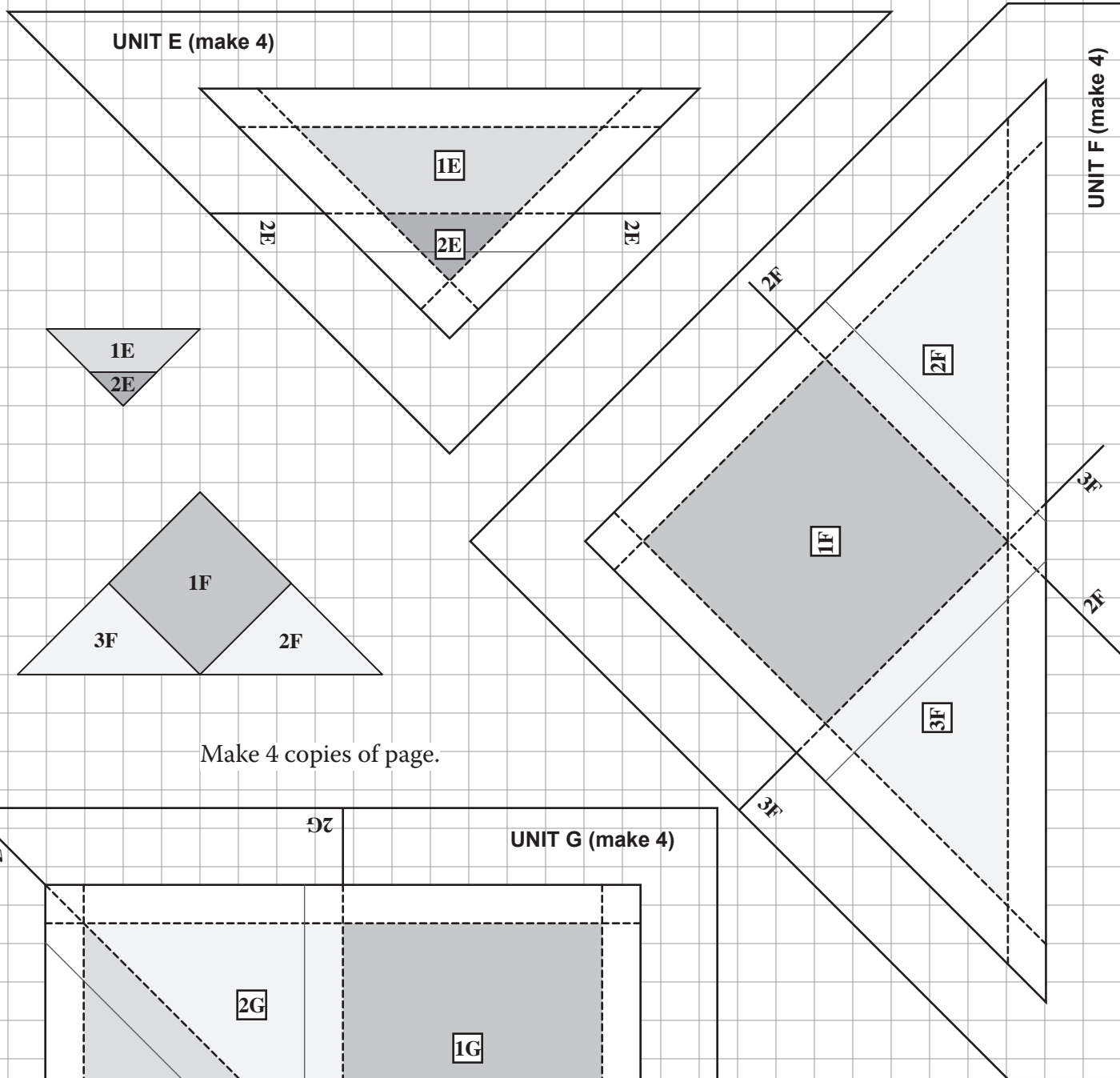


Make 4 copies of page.



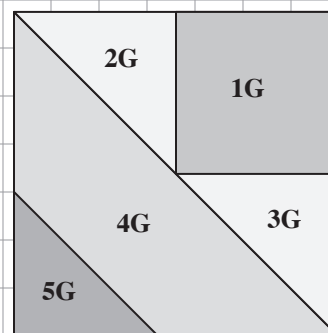
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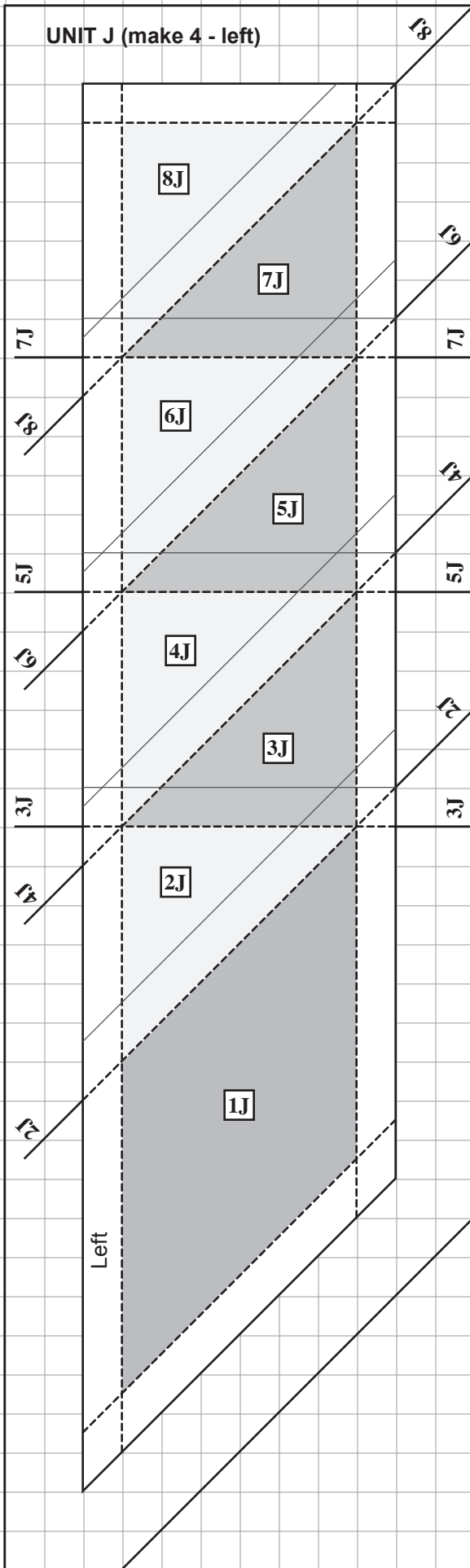




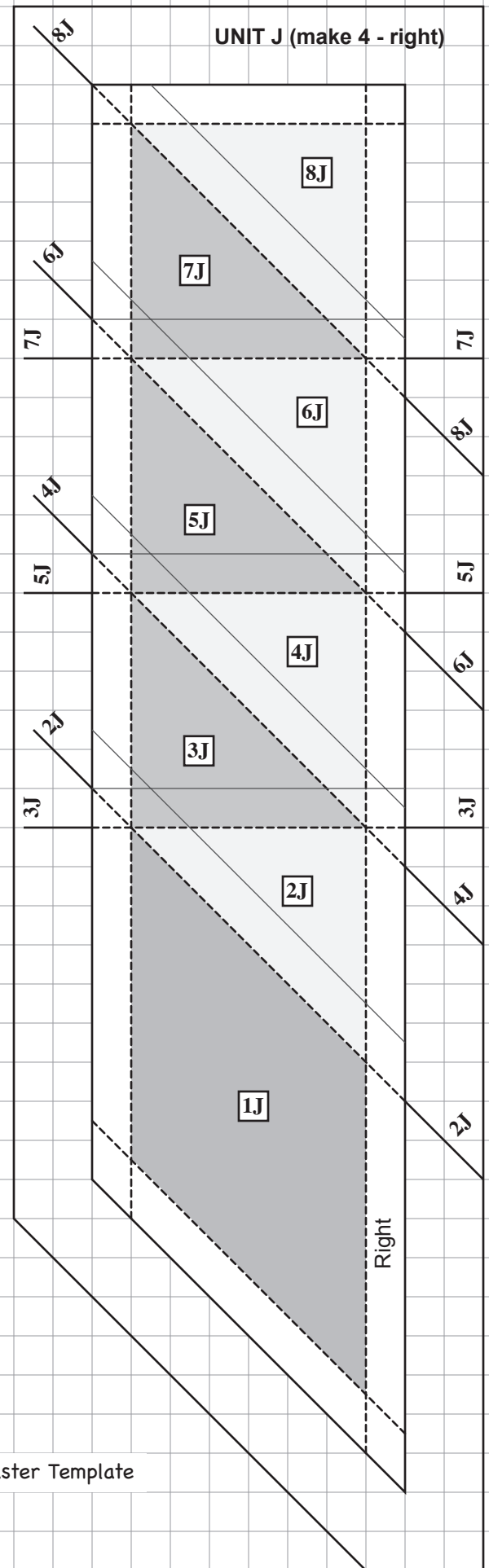
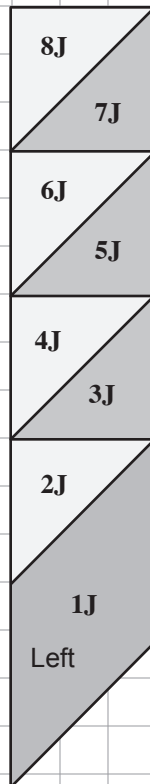
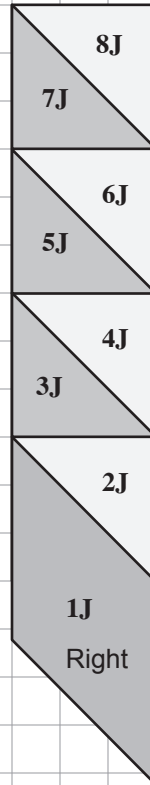
Make 4 copies of page.

Master Template





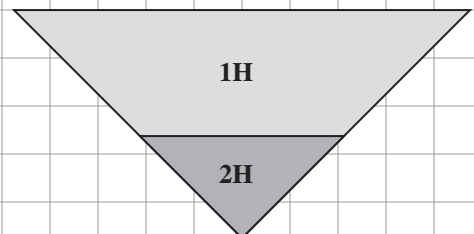
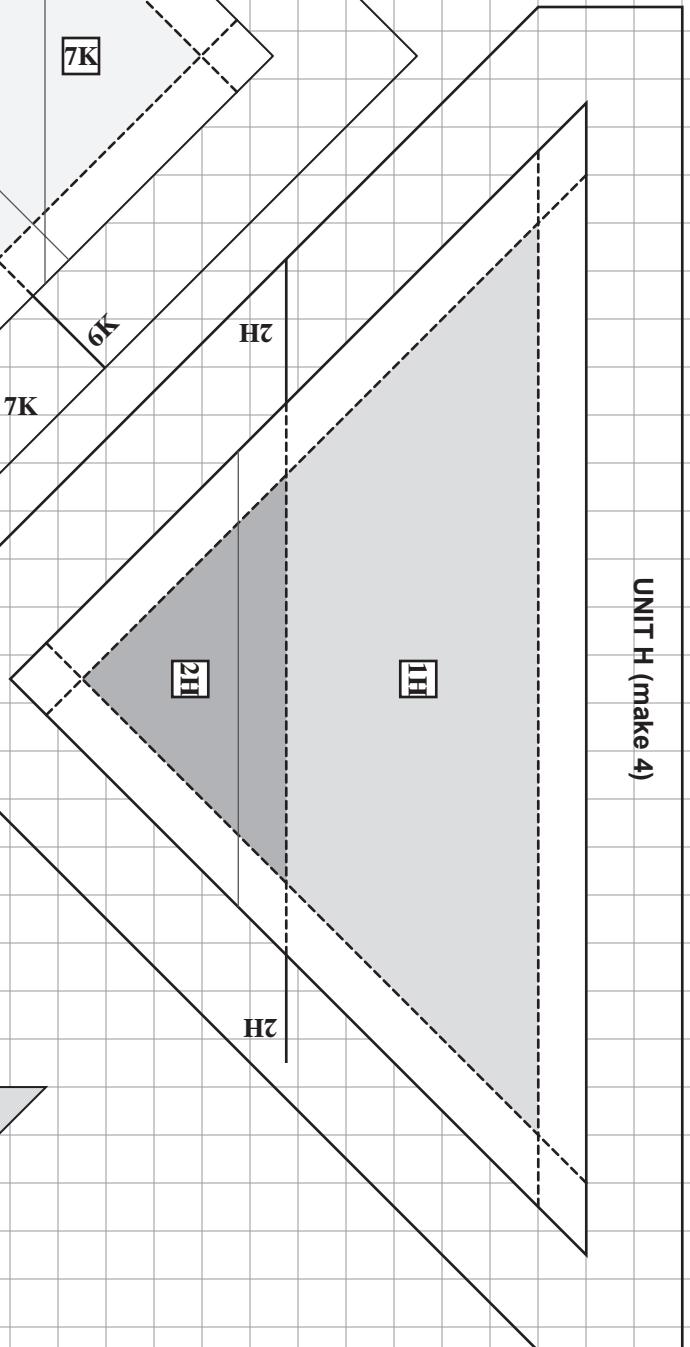
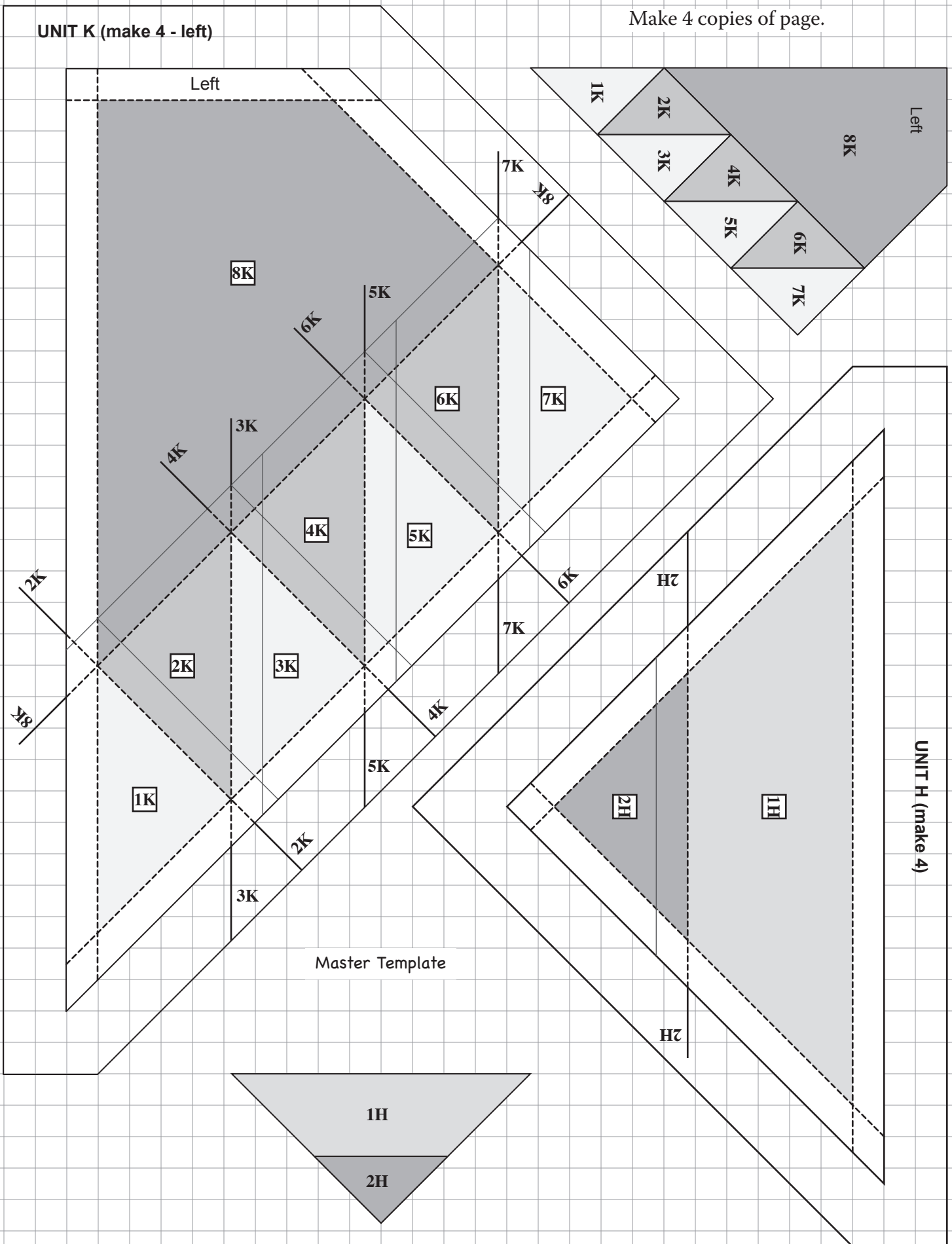
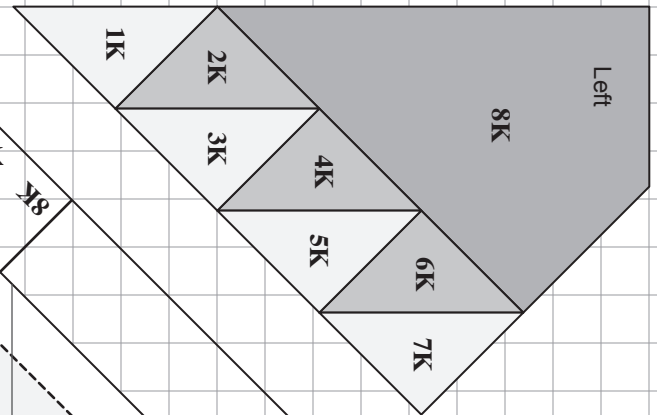
Make 4 copies
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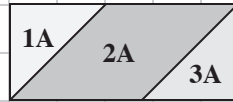
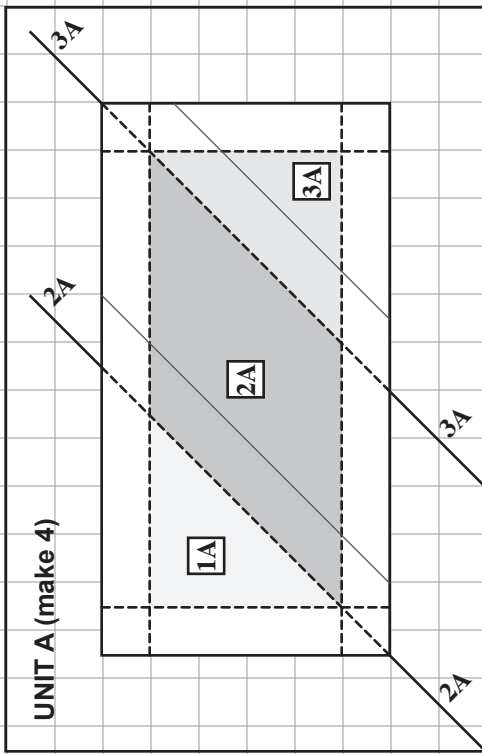


Master Template

UNIT K (make 4 - left)

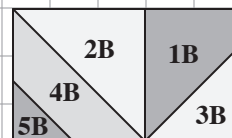
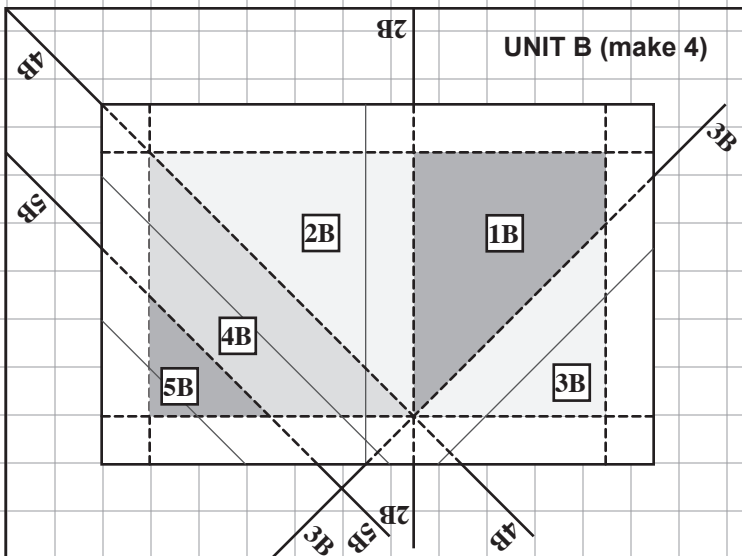
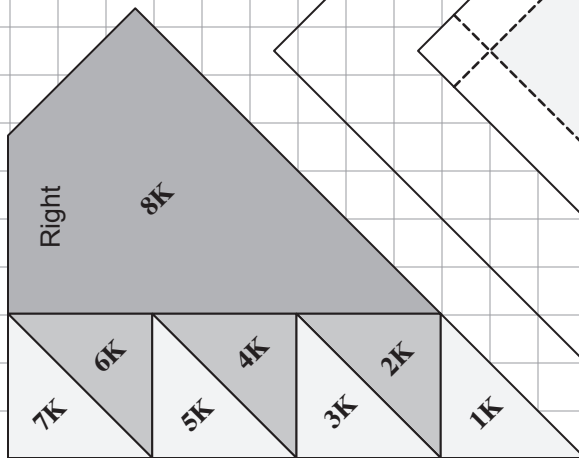
Make 4 copies of page.





Make 4 copies of page.

UNIT K (make 4 - right)



P119 DOUBLE FEATHERED STAR

Finished Size: 35" x 35"
Block Size: 27³/₄" x 27³/₄"

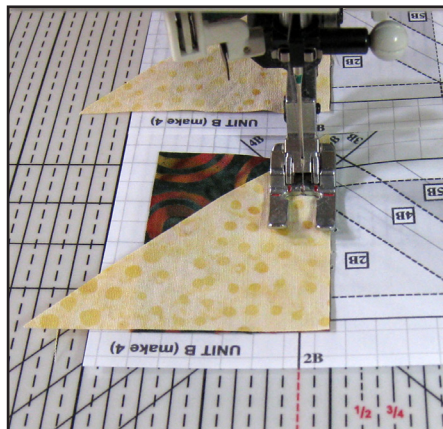
The block units for this medallion style quilt are made using a new paper piecing technique that is made possible with the help of an Ultimate Seam Guide. All sewing is done by placing the fabric on the printed side of the paper, which eliminates most pinning or the need to turn the paper over or hold it up to a light. Fabric pieces are cut close to the exact size needed for less fabric waste. Choose fabrics to coordinate with a multi-color print for easy fabric selection. For a scrappy quilt, use 6 or more fabrics for the feathers. Step-by-step cutting, piecing, and assembly instructions are included. For easier construction, make copies of the full size templates on vellum foundation copy paper. After the block units are pieced, they are assembled the same as any paper pieced pattern and a translucent paper makes it easier to see the seam lines on the back side and square the block units for assembly.

Fabric colors are for reference purposes only. You may use any color combination. All yardage is for cutting on the crosswise grain of the fabric. If you prefer to cut your borders on the lengthwise grain, you will need additional fabric.

FABRIC AND SUPPLIES

Yardage is based on 42" usable fabric width.

- 1/4 yd purple (squares and binding trim)
- 1/2 yd green (star diamonds and binding)
- 1/4 yd gold (trapezoids and inner border)
- 1/3 yd red (center diamonds and feathers)
- 1/4 yd multi-color (kite shape and half-square triangles)
- 1/2 yd background 1
- 1/2 yd background 2 (setting triangles and squares)
- 1/2 yd outer border
- 11¹/₈ yds backing fabric
- 40" x 40" batting
- fast2sew™ Ultimate Seam Guide
- *Foundation Copy Paper
- Open Toe Walking Foot
- Rotary Cutter, Mat & Rulers



Optional Center

**My favorite foundation paper is a translucent vellum from Office Depot, Item 345-854 (11 x 17) or 345-644 (8¹/₂ x 11). It's see-through, feeds through my inkjet printer with no paper jams, no shrinkage, no ink transfer, and is easy to remove.*

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AMC Designs
PO Box 170543
Arlington, TX 76003
E-mail: ajclapp@aol.com
www.amc-quilts.com

Note: Seam guide shown in photographs is discontinued. A new seam guide is available through C & T Publishing.