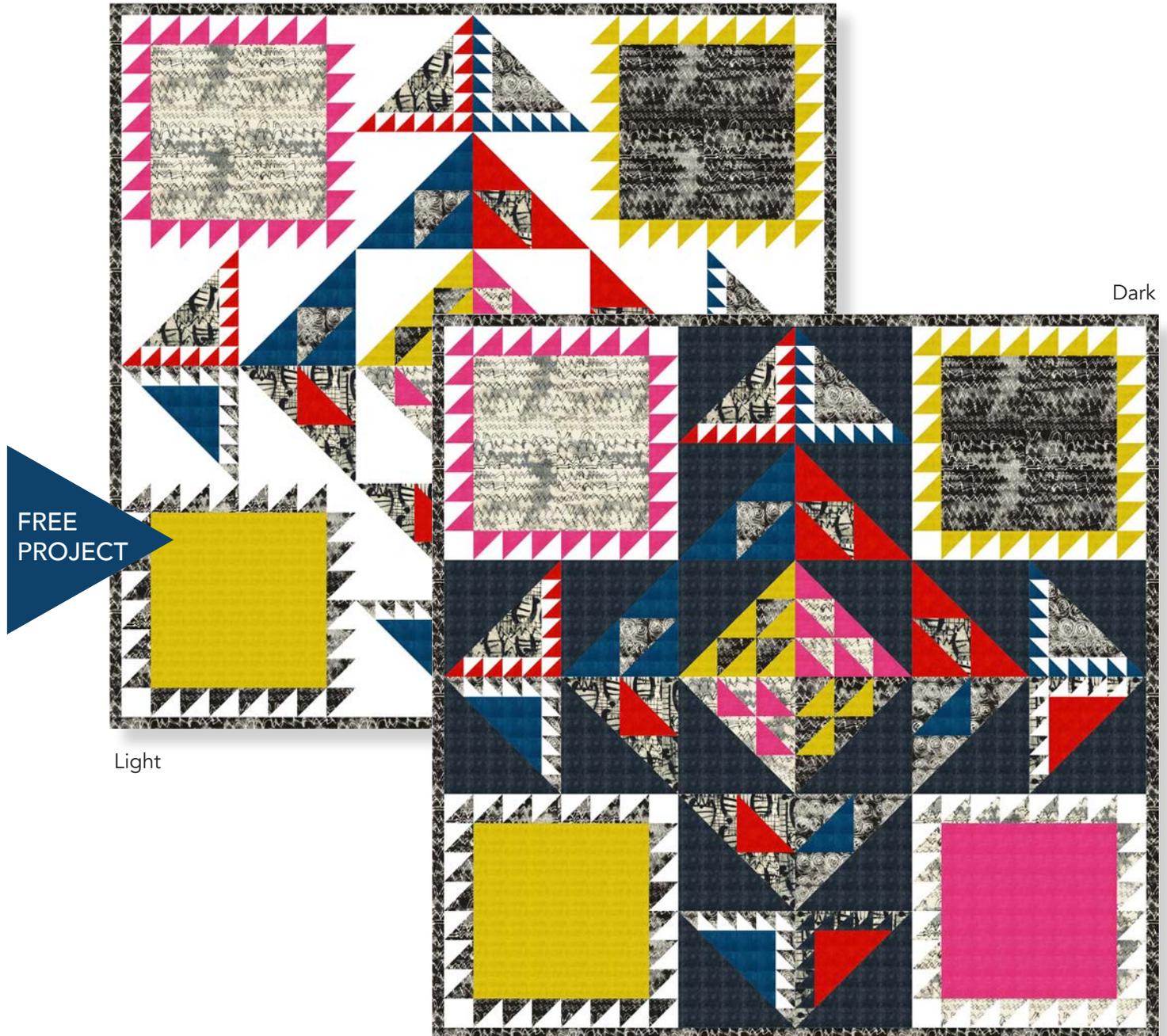


Polar Opposites

Designed by Natalie Crabtree
Featuring *The Opposite* by Marcia Derse

SIZE: 60" x 60"



THIS IS A DIGITAL REPRESENTATION OF THE QUILT TOP, FABRIC MAY VARY.

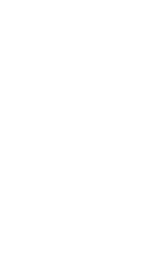
PLEASE NOTE: BEFORE MAKING YOUR PROJECT, CHECK FOR ANY PATTERN UPDATES AT WINDHAMFABRICS.COM'S FREE PROJECTS SECTION.



Polar Opposites

Cutting Notes: Mark and store your cutting pieces according to the block they have been assigned to, as this will make it much easier when you start piecing. Be sure to read the entire pattern before you begin.

Default Pattern is Dark Version: To create the Light version of pattern, move Fabric B cutting instructions under Fabric A and increase Fabric A yardage to a total of 2½ yards. Fabric B will not be used in the Light version of the pattern.

KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
A		35370S-1 Optic White WINDHAM SOLIDS	¾	(5) 3½" x WOF strips. Subcut (52) 3½" squares for Block A; draw a line from corner to corner on the wrong side of each square. (8) 3" squares for Block A. (3) 2½" x WOF strips. Subcut (36) 2½" squares; draw a line from corner to corner on the wrong side of each square for Block B.
B		37098-3 Smoke PALETTE	1⅜	(4) 11" x WOF strips. Subcut (10) 11" squares; cut the squares once diagonally to create (22) HST.
C		51067-2 Dark INCLUDES BINDING	1⅜	(7) 2¼" x WOF strips for binding. (1) 15½" square for Block A. (2) 3½" x WOF strip. Subcut (13) 3½" squares for Block A. (1) 4¼" x WOF strip. Subcut (5) 4¼" squares; cut (2) of the squares once diagonally to create (4) HST for Block D. (1 HST will be unused).
D		51067-1 Light	7/8	(1) 15½" square for Block A. (2) 3½" x WOF strips. Subcut (13) 3½" squares for Block A. (1) 4¼" x WOF strip. Subcut (5) 4¼" squares; cut (2) of the squares once diagonally to create (4) HST for Block D. (1 HST will be unused).
E		51069-1 Light	½	(1) 7½" x WOF strip. Subcut (1) 7½" square; cut square once diagonally to create (2) HST for Block B. (1) 6" x WOF strip. Subcut (4) 6" squares; cut (2) squares once diagonally to create (4) HST for Block C. On the remaining (2) squares, draw a line from corner to corner on the wrong side of each square for Block C. (1) 2½" x WOF strip. Subcut (11) 2½" squares; cut (2) of the squares once diagonally to create (4) HST for Block B.

PROJECT DISCLAIMER: Every effort has been made to ensure that all projects are error free. All the information is presented in good faith, however, no warranty can be given nor results guaranteed. Therefore, we assume no responsibility nor damages that may occur when referring to this pattern. When errors are brought to our attention, we make every effort to correct and post a revision as soon as possible. We suggest you check windhamfabrics.com for pattern updates and to test the pattern prior to making the project. Test templates first, before cutting all the pieces. Free projects are not for resale.

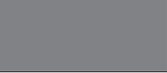


Polar Opposites

KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
F		51068-2 Dark	1/2	<p>(1) 7 1/2" x WOF strip. Subcut (1) 7 1/2" square; cut square once diagonally to create (2) HST for Block B.</p> <p>(1) 6" x WOF strip. Subcut (4) 6" squares; cut (2) squares once diagonally to create (4) HST for Block C. On the remaining (2) squares, draw a line from corner to corner on the wrong side of each square for Block C.</p> <p>(1) 2 1/2" x WOF strip. Subcut (11) 2 1/2" squares; cut (2) of the squares once diagonally to create (4) HST for Block B.</p>
G		37098-24 Pink PALETTE	7/8	<p>(1) 15 1/2" square for Block A. (2) 3 1/2" x WOF strips. Subcut (13) 3 1/2" squares for Block A.</p> <p>(1) 4 1/4" x WOF strip. Subcut (5) 4 1/4" squares; cut (2) of the squares once diagonally to create (4) HST for Block D. <i>(1 HST will be unused).</i></p>
H		37098-16 Cherry PALETTE	1/2	<p>(1) 7 1/2" x WOF strip. Subcut (1) 7 1/2" square; cut square once diagonally to create (2) HST for Block B.</p> <p>(1) 6" x WOF strip. Subcut (4) 6" squares; cut (2) squares once diagonally to create (4) HST for Block C. On the remaining (2) squares, draw a line from corner to corner on the wrong side of each square for Block C.</p> <p>(1) 2 1/2" x WOF strip. Subcut (11) 2 1/2" squares; cut (2) of the squares once diagonally to create (4) HST for Block B.</p>
I		37098-28 Dark Teal PALETTE	1/2	<p>(1) 7 1/2" x WOF strip. Subcut (1) 7 1/2" square; cut square once diagonally to create (2) HST for Block B.</p> <p>(1) 6" x WOF strip. Subcut (4) 6" squares; cut (2) squares once diagonally to create (4) HST for Block C. On the remaining (2) squares, draw a line from corner to corner on the wrong side of each square for Block C.</p> <p>(1) 2 1/2" x WOF strip. Subcut (11) 2 1/2" squares; cut (2) of the squares once diagonally to create (4) HST for Block B.</p>



Polar Opposites

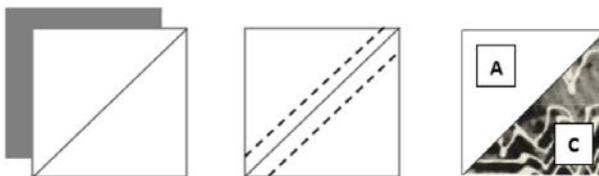
KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
J		37098-40 Chartreuse PALETTE	$\frac{7}{8}$	(1) 15½" square for Block A. (2) 3½" x WOF strips. Subcut (13) 3½" squares for Block A. (1) 4¼" x WOF strip. Subcut (5) 4¼" squares; cut (2) of the squares once diagonally to create (4) HST for Block D. (1 HST will be unused).
		Backing	$4\frac{1}{8}$	
				68" x 68" piece of batting.

Piecing Instructions

Designer Note: Blocks A – D feature (4) colorways each. Piecing Instructions are given for one colorway first to establish piecing methods, additional steps are listed to provide (3) additional colorways.

Block A

1. Create HST units by pairing (1) 3½" **Fabric A** square with a drawn diagonal line with (1) 3½" **Fabric C** square, RST.
2. Sew ¼" away from the drawn diagonal line on both sides. Use a rotary cutter to cut both squares in half on the drawn diagonal line creating (2) HST.
3. Repeat (13) times to create (26) HST units using **Fabrics A and C**. Trim all HST units to 3" unfinished.



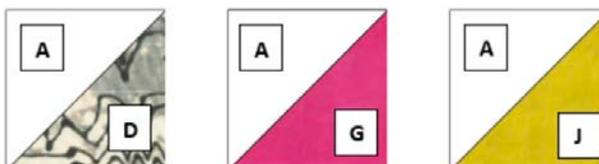
4. Repeat the HST assembly process using the following fabric combinations:

4a. Create (26) HST using 3½" squares from **Fabrics A and D**.

4b. Create (26) HST using 3½" squares from **Fabrics A and G**.

4c. Create (26) HST using 3½" squares from **Fabrics A and J**.

5. Trim all HST created in Step 4 to measure 3" unfinished.





Polar Opposites

6. Using the diagrams for accurate HST orientation, sew (6) HST units using **Fabrics A and C** together. Repeat to create (2) HST strip units. HST strip units should measure 15½" unfinished.



7. Repeat the assembly process used in Step 6 to create HST strip units for the following colorways:

7a. Create (2) HST strip units with (6) HST using **Fabrics A and D**.

7b. Create (2) HST strip units with (6) HST using **Fabrics A and G**.

7c. Create (2) HST strip units with (6) HST using **Fabrics A and J**.

8. Using the diagrams for accurate HST orientation, sew (7) HST units using **Fabrics A and C** together. Sew (1) 3" **Fabric A** square to the end of the strip as shown. Repeat twice to create (2) HST strip units. Press the outermost HST and **Fabric A** square toward **Fabric A**. HST strip units should measure 20½" unfinished.



9. Repeat the assembly process used in Step 8 to create HST strip units for the following colorways:

9a. Create (2) HST strip units with (7) HST using **Fabrics A and D** and (1) 3" **Fabric A** square.

9b. Create (2) HST strip units with (7) HST using **Fabrics A and G** and (1) 3" **Fabric A** square.

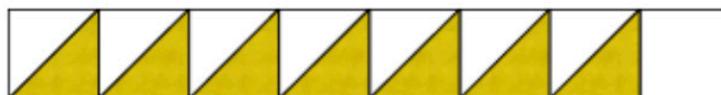
9c. Create (2) HST strip units with (7) HST using **Fabrics A and J** and (1) 3" **Fabric A** square.



Fabrics A and D



Fabrics A and G

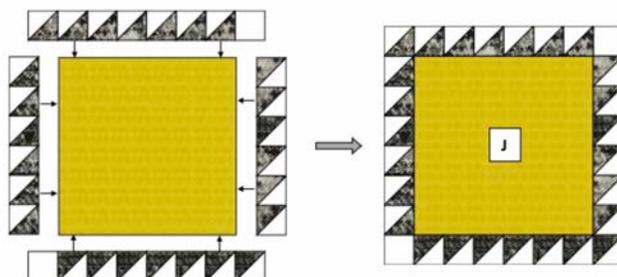


Fabrics A and J

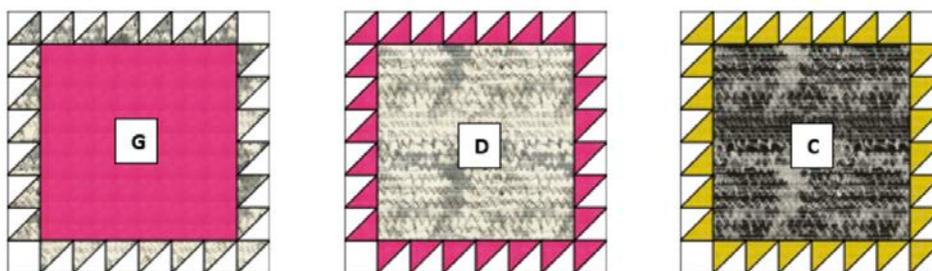


Polar Opposites

10. Begin Block A assembly by pairing the colorways together.
11. Sew HST strip units created in Steps 6-7 to the sides of (1) 15½" square. (See diagrams for colorway instructions.) Press seams toward the 15½" square.
12. Sew HST strip units created in Steps 8-9 to the top/bottom of the 15½" square.



13. Repeat to create (1) Block for each colorway using diagrams for accurate fabric placement. All Block A should measure 20½" unfinished.



Block B

14. Using HST piecing methods described in Block A instructions, create HST units using the following combinations.

14a. Create (18) HST using (9) 2½" **Fabric A** squares with a drawn diagonal line and (9) 2½" **Fabric H** squares.

14b. Create (18) HST using (9) 2½" **Fabric A** squares with a drawn diagonal line and (9) 2½" **Fabric F** squares.

14c. Create (18) HST using (9) 2½" **Fabric A** squares with a drawn diagonal line and (9) 2½" **Fabric E** squares.

14d. Create (18) HST using (9) 2½" **Fabric A** squares with a drawn diagonal line and (9) 2½" **Fabric I** squares.

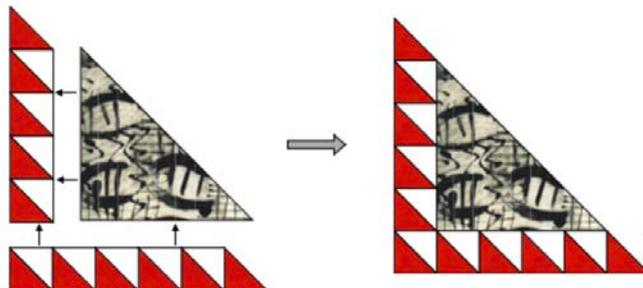
15. HST units should measure 2⅞" unfinished.





Polar Opposites

16. Using (9) HST units using 2½" **Fabrics A and H**, (2) 2½" **Fabric H** HST and (1) 7½" **Fabric E** HST create half of Block B as shown in the diagram. Repeat to create (2) Block B halves using this fabric combination.

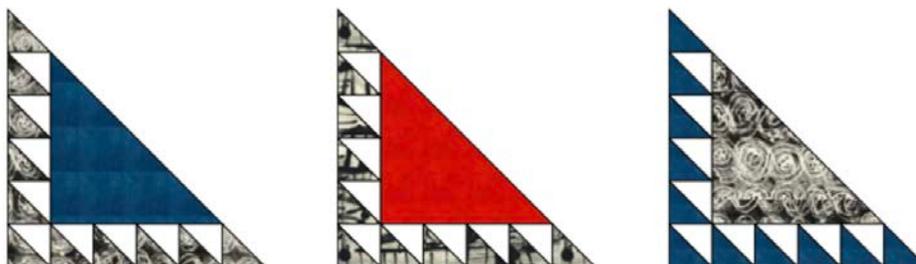


17. Repeat the assembly process used in Step 16 to create (3) additional colorways for Block B using the following fabric combinations.

17a. Use (9) HST units using **Fabrics A and F**, (2) 2½" **Fabric F** HST and (1) 7½" **Fabric I** HST create half of Block B as shown in the diagrams below. Repeat to create (2) Block B halves using **Fabrics A, F and I**.

17b. Use (9) HST units using **Fabrics A and E**, (2) 2½" **Fabric E** HST and (1) 7½" **Fabric H** HST create half of Block B as shown in the diagrams below. Repeat to create (2) Block B halves using **Fabrics A, E and H**.

17c. Use (9) HST units using **Fabrics A and I**, (2) 2½" **Fabric I** HST and (1) 7½" **Fabric F** HST create half of Block B as shown in the diagrams below. Repeat to create (2) Block B halves using **Fabrics A, I and F**.

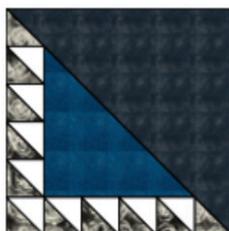


18. Sew the longest edge of (1) 11" **Fabric B** HST to the longest edge of the units completed in Step 17, RST. There should be a total of (2) blocks per colorway totaling (8) Block B.

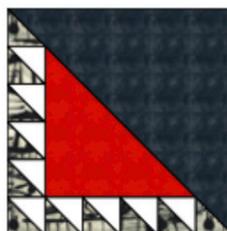
19. Trim all Block B to 10½" unfinished.



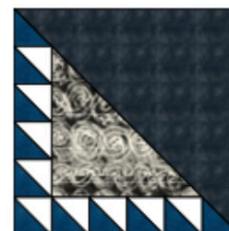
Fabrics A, B, H and E



Fabrics A, B, F and I



Fabrics A, B, E and H



Fabrics A, B, I and F



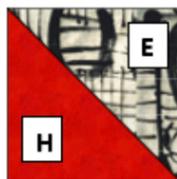
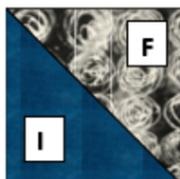
Polar Opposites

Block C

20. Using HST piecing methods described in Block A instructions, create HST units using the following combinations.

20a. Create (4) HST using (2) 6" **Fabric F** squares and (2) 6" **Fabric I** squares with a drawn diagonal line.

20b. Create (4) HST using (2) 6" **Fabric E** squares and (2) 6" **Fabric H** squares with a drawn diagonal line.



21. Trim all HST units to 5½" unfinished.

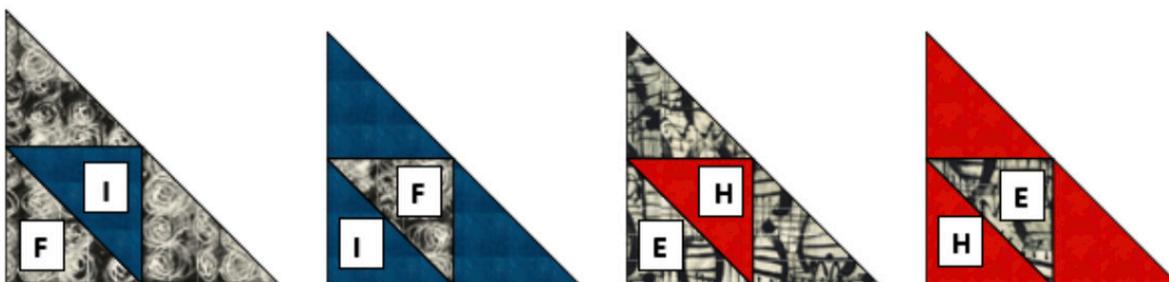
22. Begin assembling Block C in (4) colorways using the following fabric combinations.

22a. (1) HST unit using **Fabrics F and I** and (2) 6" **Fabric F** HST. Repeat to create (2) halves of Block C as shown in the diagrams.

22b. (1) HST unit using **Fabrics F and I** and (2) 6" **Fabric I** HST. Repeat to create (2) halves of Block C as shown in the diagrams.

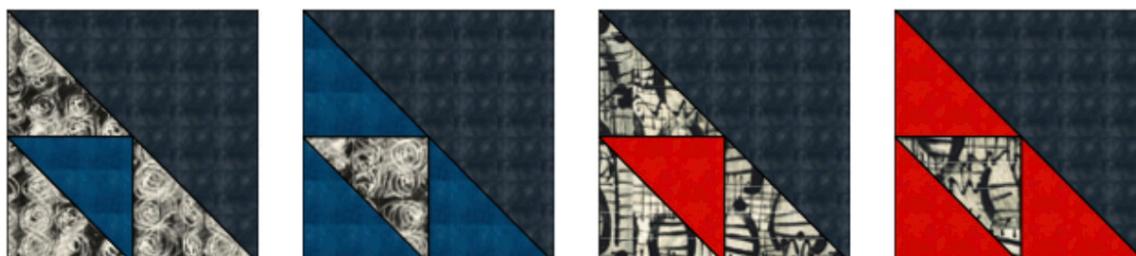
22c. (1) HST unit using **Fabrics E and H** and (2) 6" **Fabric E** HST. Repeat to create (2) halves of Block C as shown in the diagrams.

22d. (1) HST unit using **Fabrics E and H** and (2) 6" **Fabric H** HST. Repeat to create (2) halves of Block C as shown in the diagrams.



23. Sew the longest edge of (1) 11" **Fabric B** HST to the longest edge of the units completed in Step 22, RST. There should be a total of (2) blocks per colorway totaling (8) Block C.

24. Trim all Block C to 10½" unfinished.

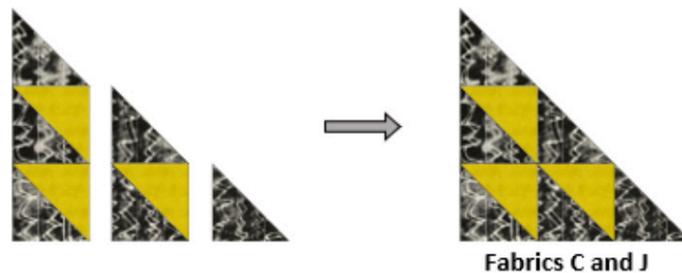




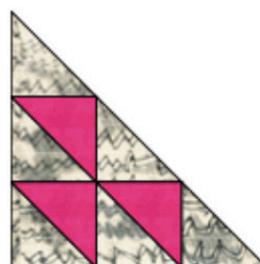
Polar Opposites

Block D

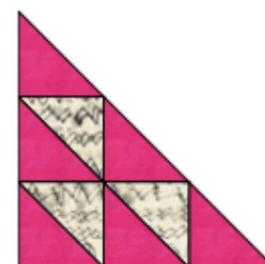
25. Using HST piecing methods described in Block A instructions, create HST units using the following combinations.
- 25a. Create (6) HST using (3) 4¼" **Fabric C** squares and (3) 4¼" **Fabric J** squares with a drawn diagonal line.
- 25b. Create (6) HST using (3) 4¼" **Fabric D** squares and (3) 4¼" **Fabric G** squares with a drawn diagonal line.
26. Trim all HST units to 3¾" unfinished.
27. Begin assembling Block D in (4) colorways using the following fabric combinations.
- 27a. (3) HST units using **Fabrics C and J** and (3) 4¼" **Fabric C** HST to create (1) half of Block D as shown in the diagrams.
- 27b. (3) HST unit using **Fabrics C and J** and (3) 4¼" **Fabric J** HST to create (1) half of Block D as shown in the diagrams.
- 27c. (3) HST unit using **Fabrics D and G** and (3) 4¼" **Fabric D** HST to create (1) half of Block D as shown in the diagrams.
- 27d. (3) HST unit using **Fabrics D and G** and (3) 4¼" **Fabric G** HST to create (1) half of Block D as shown in the diagrams.



Fabrics C and J



Fabrics D and G

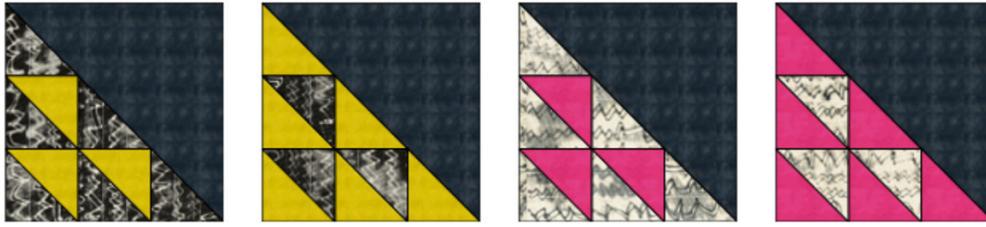


Fabrics D and G

28. Sew the longest edge of (1) 11" **Fabric B** HST to the longest edge of the units completed in Step 27, RST. There should be a total of (1) block per colorway totaling (4) Block D.
29. Trim all Block D to 10½" unfinished.



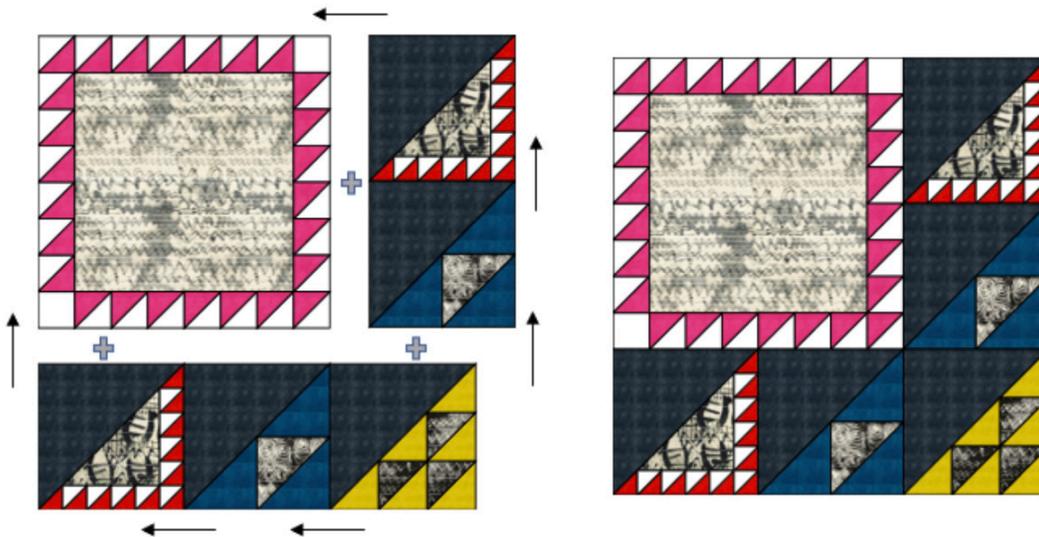
Polar Opposites



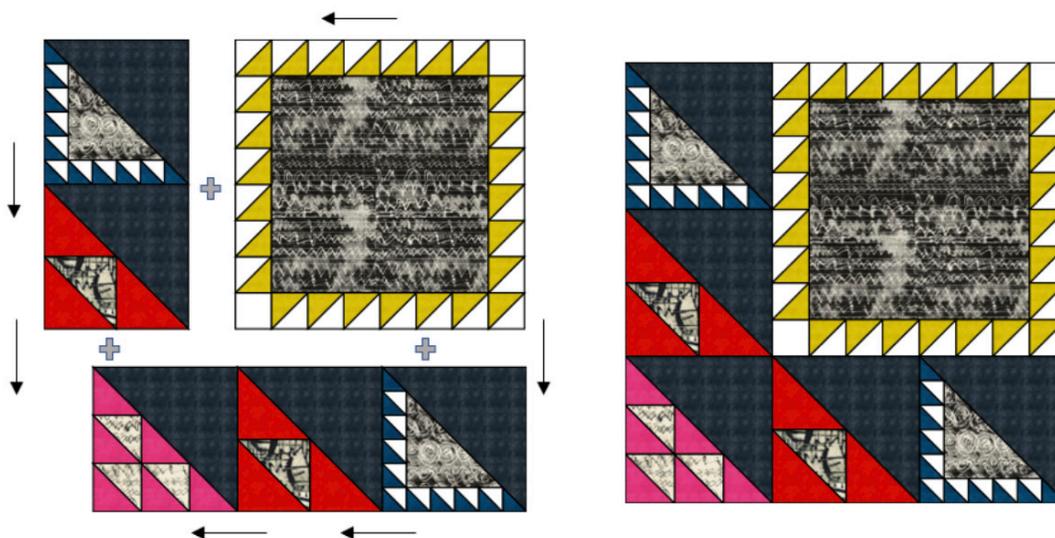
Quilt Assembly

Designer Note: The quilt top is assembled in (4) sections. Follow diagrams for accurate block and fabric placement.

30. Complete Section 1 using the diagrams shown for Section 1. Arrows shown in the diagrams indicate which direction to press seams.



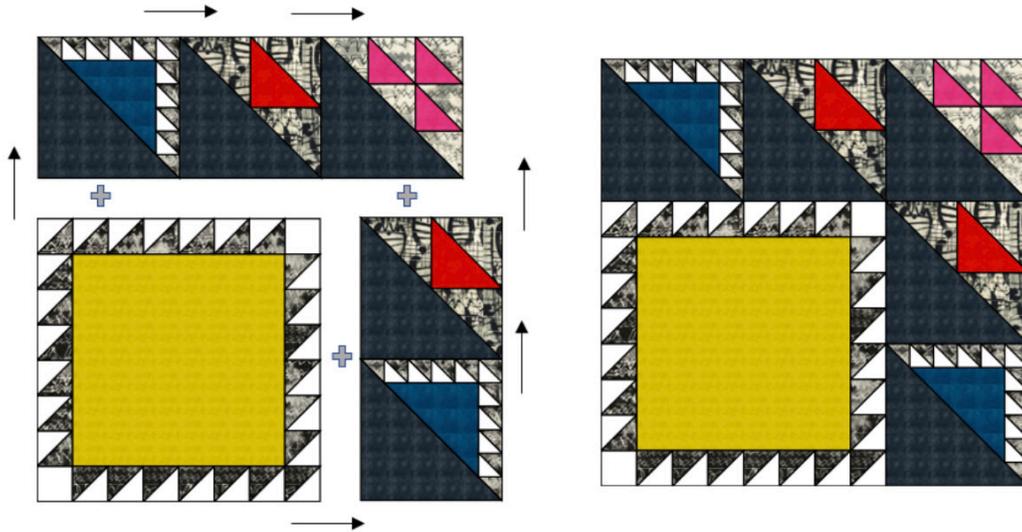
31. Complete Section 2 using the diagrams shown for Section 2. Arrows shown in the diagrams indicate which direction to press seams.



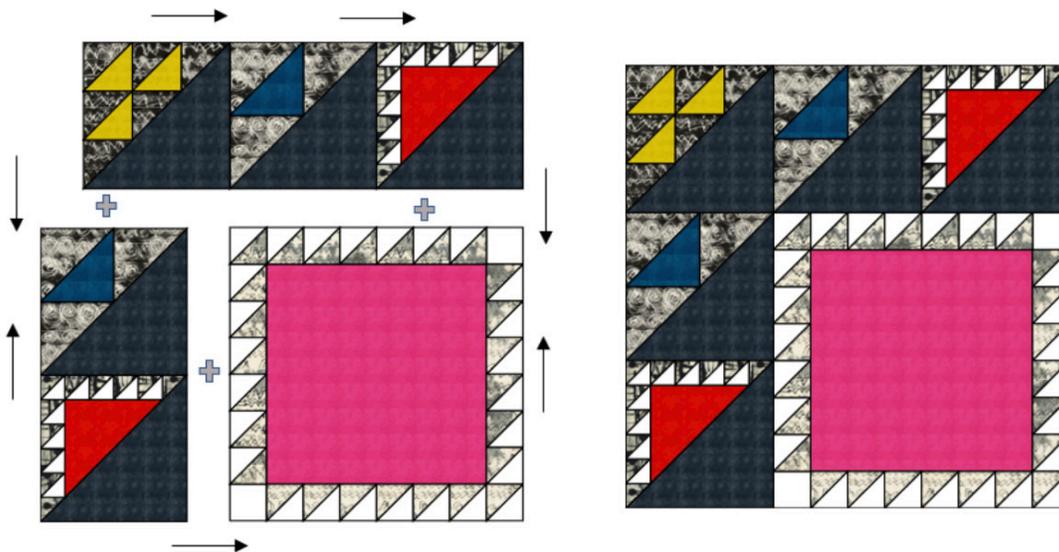


Polar Opposites

32. Complete Section 3 using the diagrams shown for Section 3. Arrows shown in the diagrams indicate which direction to press seams.



33. Complete Section 4 using the diagrams shown for Section 4. Arrows shown in the diagrams indicate which direction to press seams.



34. Complete the quilt top by sewing together Sections 1-4 as shown in the diagram. Section 1 should create the top left quadrant. Section 2 should create the top right quadrant. Section 3 should create the bottom left quadrant. Section 4 should create the bottom right quadrant. Sections 1 and 4 should be opposites using different combinations of the same fabrics. Sections 2 and 3 should be opposites using different combinations of the same fabrics.



Polar Opposites

QUILT ASSEMBLY DIAGRAM



Finishing

35. With the backing fabric laying taut, place batting and then quilt top to form quilt sandwich.
36. Baste sandwich. Quilt as desired.
37. Bind with **Fabric C** to finish quilt.