



*Free Spirit* 

# Aqueduct Quilt

Featuring Architecture School by Billy Reue

<b>Collection:</b>	Architecture School by Billy Reue
<b>Technique:</b>	Curved Piecing
<b>Skill Level:</b>	Advanced Beginner
<b>Finished Sizes:</b>	<b>Finished Size:</b> 72" x 72" (1.83m x 1.83m) <b>Finished Block Size:</b> 8" x 8" (20.32cm x 20.32cm)

*All possible care has been taken to assure the accuracy of this pattern. We are not responsible for printing errors or the manner in which individual work varies. Please read the instructions carefully before starting this project. If kitting, it is recommended a sample is made to confirm accuracy.*



Project designed by Billy Reue | Tech edited by Alison M. Schmidt

## Fabric Requirements

DESIGN	COLOR	ITEM ID	YARDAGE
(A) Corinthian	Azurite	PWWR032.AZURITE	5/8 yard (0.57m)
(B) Corinthian	Hematite	PWWR032.HEMATITE	5/8 yard (0.57m)
(C) Corinthian	Malachite	PWWR032.MALACHITE	5/8 yard (0.57m)
(D) Far & Away	Bluegrass	PWWR033.BLUEGRASS	5/8 yard (0.57m)
(E) Far & Away	Brush Fire	PWWR033.BRUSHFIRE	5/8 yard (0.57m)
(F) Far & Away	Desert Sands	PWWR033.DESERTSANDS	1½ yards (1.37m)
(G) My Neighborhood	Summer Day	PWWR034.SUMMERDAY	3/8 yard (0.34m)
(H) The Suburbs	Winter Blues	PWWR035.WINTERBLUES	5/8 yard (0.57m)
(I) Perfect Scale	Red Shift	PWWR036.REDSHIFT	1¾ yards (1.60m)
(J) Perfect Scale	Sunshine	PWWR036.SUNSHINE	5/8 yard (0.57m)
(K) Major Scales	Faded Rainbow	PWWR037.FADEDRAINBOW	5/8 yard (0.57m)
(L) Major Scales	In The Navy	PWWR037.INTHENAVY*	7/8 yard (0.80m)
(M) Floor Plan	Blue Print	PWWR038.BLUEPRINT	5/8 yard (0.57m)
(N) Floor Plan	Plumb Line	PWWR038.PLUMBLINE	5/8 yard (0.57m)
(O) Floor Plan	Vertigris	PWWR038.VERTIGRIS	5/8 yard (0.57m)

\* includes binding

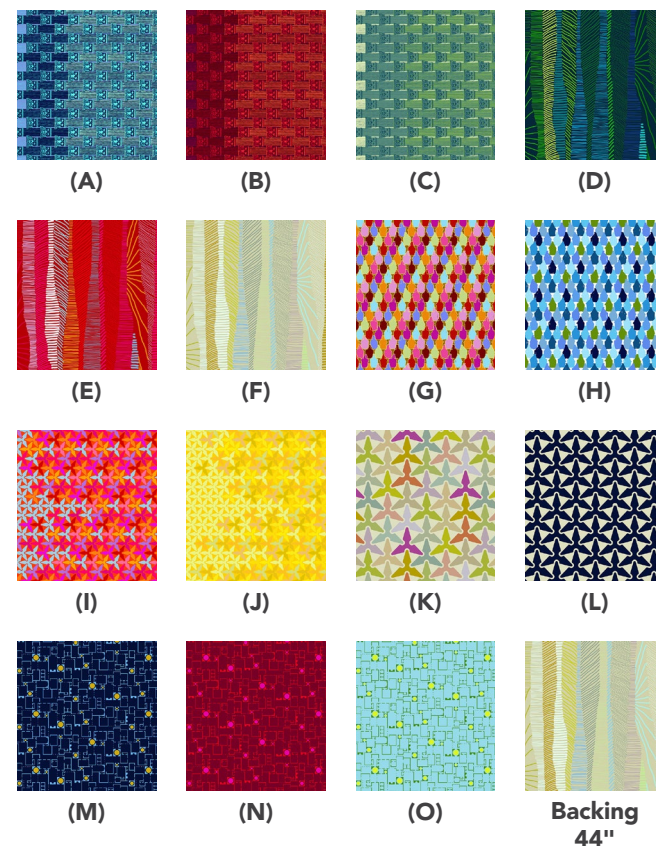
## Backing (Purchased Separately)

**44" (1.12m) wide**

Far & Away Desert Sands PWWR033.DESERTSANDS 4¾ yards (4.27m)

**OR**

**108" (2.74m) wide** 2¼ yards (2.06m)



## Additional Recommendations

- 100% cotton thread in colors to match
- 80" x 80" (2.03m x 2.03m) batting
- **Optional:** template plastic

## Preparation

1. Print the template patterns T-3, T-2, and T-1 (pages 11-12) at **100%** and measure to confirm accuracy of printout. Tape pieces together as needed.
2. Trace onto template plastic or another sturdy material and cut out on the outer line to make cutting templates. If desired, make a small hole at the quarter inch seam allowance at the corners to aid in piecing accuracy.

## Cutting

**WOF = Width of Fabric**

### Notes:

- If you prefer to keep the directional prints all oriented right reading in the finished quilt top, refer to the finished quilt image on page 1 to cut **Fabrics A-C, G and H**, flipping the templates over to cut as desired, as blocks will be rotated in their final position. In addition, **Fabrics D-F** are a vertical stripe pattern, so rotating the templates on these fabrics will provide variety in terms of the stripe orientation on these symmetrical shapes.
- Cut the background shapes T-3 and T-1 together in pairs, cutting the largest piece (T-3) first, then cutting the T-1 shape from the leftover inside curve, then cut the T-2 pieces, rotating for most efficient use of fabric.

### Fabrics A, B, E, and N, cut from each:

- (2) 8½" x WOF; subcut  
 5 each T-3 and T-1 using the templates  
 3 T-2 using the template

### Fabrics C, K, and O, cut from each:

- (2) 8½" x WOF; subcut  
 5 each T-3 and T-1 using the templates  
 2 T-2 using the template

### Fabric D, cut:

- (2) 8½" x WOF; subcut  
 4 each T-3 and T-1 using the templates  
 2 T-2 using the template

### Fabric F, cut:

- (2) 8½" x WOF; subcut  
 6 each T-3 and T-1 using the templates  
 1 T-2 using the template  
 (8) 4½" x WOF for mitered borders

### Fabric G, cut:

- (1) 8½" x WOF; subcut  
 2 each T-3, T-2, and T-1 using the templates

### Fabric H, cut:

- (2) 8½" x WOF; subcut  
 2 each T-3 and T-1 using the templates  
 4 T-2 using the template

### Fabric I, cut:

- (6) 8½" x WOF; subcut  
 6 each T-3 and T-1 using the templates  
 25 T-2 using the template

### Fabric J, cut:

- (2) 8½" x WOF; subcut  
 5 each T-3 and T-1 using the templates  
 4 T-2 using the template

### Fabric L, cut:

- (1) 8½" x WOF; subcut  
 3 T-2 using the template  
 (8) 2½" x WOF for binding

### Fabric M, cut:

- (2) 8½" x WOF; subcut  
 6 each T-3 and T-1 using the templates  
 3 T-2 using the template

## Instructions

**Note:** Use a ¼" seam allowance throughout. Sew all pieces with right sides together and raw edges even. Press after each seam. Pay attention to the orientation of the units when assembling the various components.

**RST = Right Sides Together**

**WST = Wrong Sides Together**

## Block Construction

### Notes:

- Refer to the block table (shown right) to group T1, T2, and T3 pieces in the fabric combinations and quantities listed below before sewing.
- Block 34 is made up all **Fabric I** pieces, so set aside a **T-1** and a **T-3** piece cut from a similar color section of the print and a **T-2** piece cut from a contrasting color section.
- If keeping all directional prints right-reading, refer to the finished quilt image and the quilt center layout (page 10) to choose the specific cut pieces for each block, as some blocks will be rotated in their final orientation.

**Tip:** If you are new to curved piecing, make a test block with scrap fabrics to practice the techniques and make sure you are sewing with an accurate seam allowance. If needed, mark seam intersections on the wrong side of cut pieces.

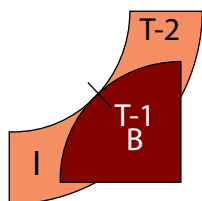
Block	Quantity	T-3/T-1 Fabric	T-2 Fabric
1	2	B	I
2	2	F	I
3	3	D	I
4	4	K	I
5	2	M	J
6	2	O	I
7	1	N	I
8	1	C	B
9	1	O	M
10	1	E	C
11	1	A	N
12	2	N	I
13	1	I	A
14	1	G	D
15	2	I	H
16	1	H	E
17	1	C	I
18	1	J	L
19	1	M	I
20	2	F	E
21	1	B	O
22	1	M	F
23	1	J	G
24	1	F	B
25	1	N	H

Block	Quantity	T-3/T-1 Fabric	T-2 Fabric
26	1	D	G
27	1	C	E
28	1	A	K
29	1	I	J
30	1	M	I
31	1	H	N
32	1	J	A
33	1	F	M
34	1	I (blue)	I (red)
35	1	N	L
36	1	O	E
37	1	B	D
38	1	C	I
39	1	M	K
40	1	E	O
41	2	J	I
42	2	A	I
43	1	B	A
44	1	O	J
45	1	K	L
46	1	I	C
47	1	A	N
48	1	G	M
49	1	E	H
50	1	C	B

1. Fold a **Fabric B** T-1 piece in half RST, matching straight ends, to find the center and press to crease. Repeat to fold and crease the center of a **Fabric I** T-2 piece WST. Align both pieces, right sides together, nesting the center creases, then pin together at the center and at each end. Continue to pin as needed (**Fig. 1**).

**Fig. 1**

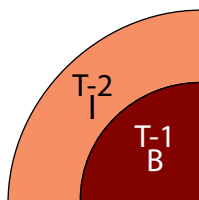
Match and pin centers and end RST.



2. Carefully sew the pieces together, making sure that raw edges are aligned with an accurate seam allowance as they near the needle, to complete a Unit 1. Press. Repeat to make a total of 2 of Unit 1 in this fabric combination (**Fig. 2**), or the quantity listed in the table (page 4).

**Fig. 2**

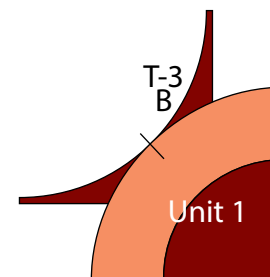
Unit 1  
make 2



3. Repeat Steps 1 and 2 to add a matching **Fabric B** T-3 piece to each Unit 1 to complete 2 of Block 1 (**Fig. 3**, **Fig. 4**).

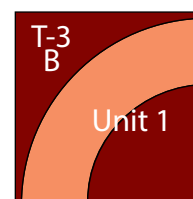
**Fig. 3**

Match and pin centers and ends RST.



**Fig. 4**

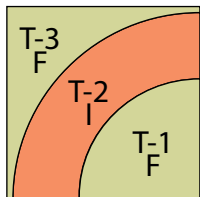
Block One  
make 2



4. Referring to **Figures 5 - 53**, repeat steps 1-3 to make a total of 64 blocks as shown in (**Figs. 5 - 22 below, Figs. 23 - 40 on page 7, Figs. 41 - 53 on page 8**).

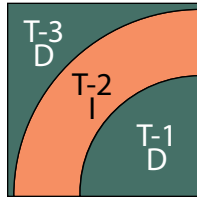
**Fig. 5**

Block Two  
make 2



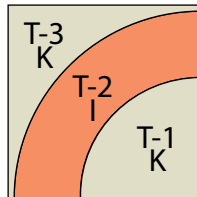
**Fig. 6**

Block Three  
make 3



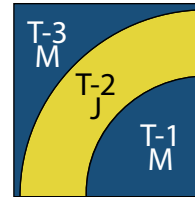
**Fig. 7**

Block Four  
make 4



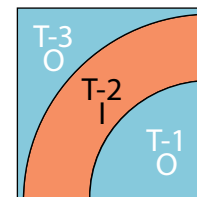
**Fig. 8**

Block Five  
make 2



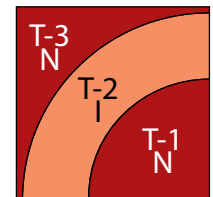
**Fig. 9**

Block Six  
make 2



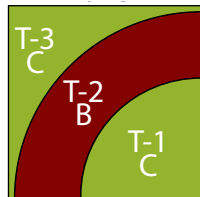
**Fig. 10**

Block Seven  
make 1



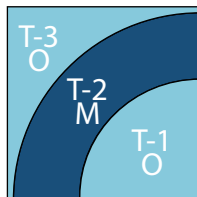
**Fig. 11**

Block Eight  
make 1



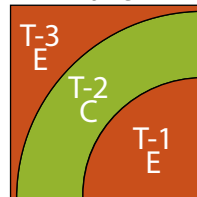
**Fig. 12**

Block Nine  
make 1



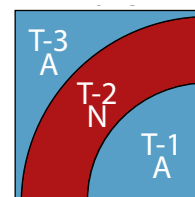
**Fig. 13**

Block Ten  
make 1



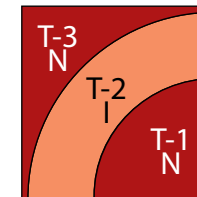
**Fig. 14**

Block Eleven  
make 1



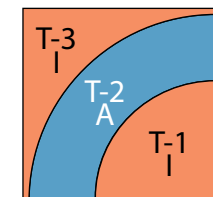
**Fig. 15**

Block Twelve  
make 2



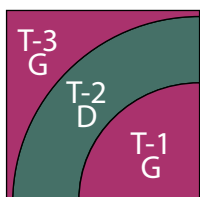
**Fig. 16**

Block Thirteen  
make 1



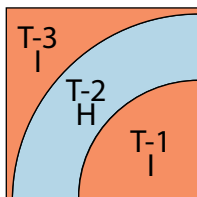
**Fig. 17**

Block Fourteen  
make 1



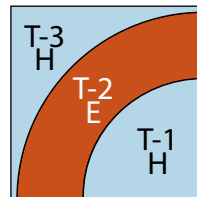
**Fig. 18**

Block Fifteen  
make 2



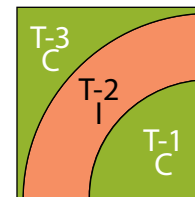
**Fig. 19**

Block Sixteen  
make 1



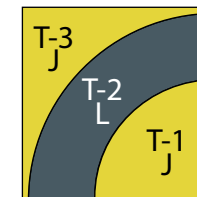
**Fig. 20**

Block Seventeen  
make 1



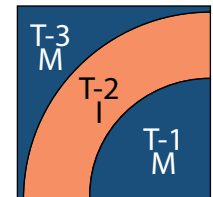
**Fig. 21**

Block Eighteen  
make 1



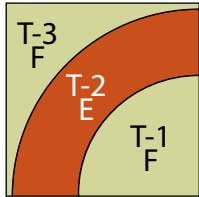
**Fig. 22**

Block Nineteen  
make 1



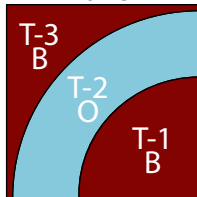
**Fig. 23**

Block Twenty  
make 2



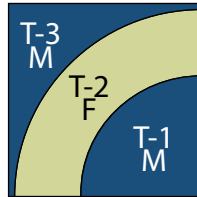
**Fig. 24**

Block Twenty-One  
make 1



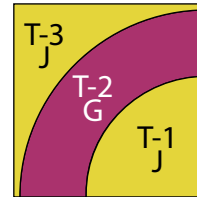
**Fig. 25**

Block Twenty-Two  
make 1



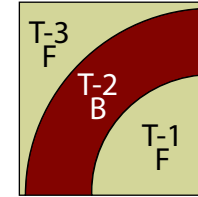
**Fig. 26**

Block Twenty-Three  
make 1



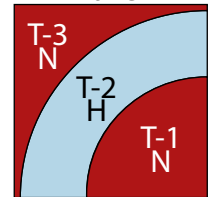
**Fig. 27**

Block Twenty-Four  
make 1



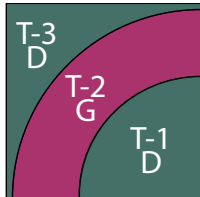
**Fig. 28**

Block Twenty-Five  
make 1



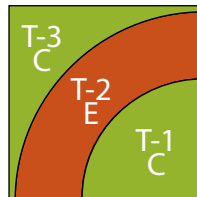
**Fig. 29**

Block Twenty-Six  
make 1



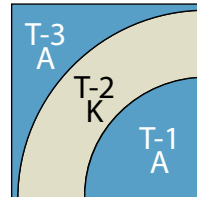
**Fig. 30**

Block Twenty-Seven  
make 1



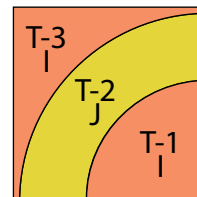
**Fig. 31**

Block Twenty-Eight  
make 1



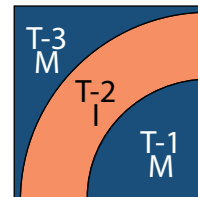
**Fig. 32**

Block Twenty-Nine  
make 1



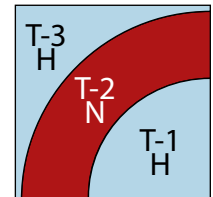
**Fig. 33**

Block Thirty  
make 1



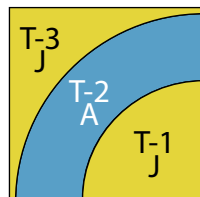
**Fig. 34**

Block Thirty-One  
make 1



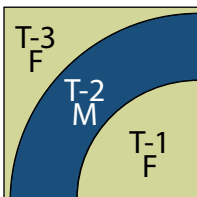
**Fig. 35**

Block Thirty-Two  
make 1



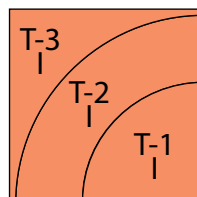
**Fig. 36**

Block Thirty-Three  
make 1



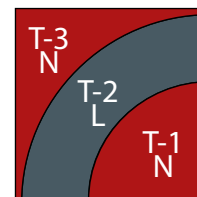
**Fig. 37**

Block Thirty-Four  
make 1



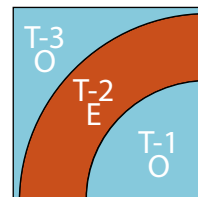
**Fig. 38**

Block Thirty-Five  
make 1



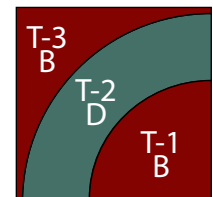
**Fig. 39**

Block Thirty-Six  
make 1



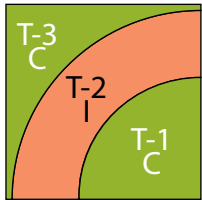
**Fig. 40**

Block Thirty-Seven  
make 1



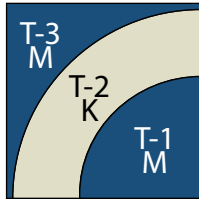
**Fig. 41**

Block Thirty-Eight  
make 1



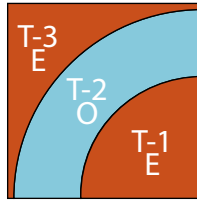
**Fig. 42**

Block Thirty-Nine  
make 1



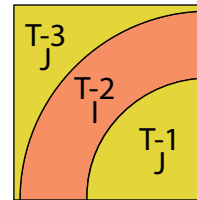
**Fig. 43**

Block Forty  
make 1



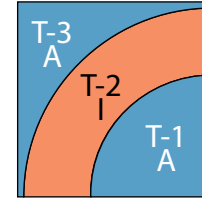
**Fig. 44**

Block Forty-One  
make 2



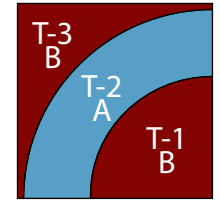
**Fig. 45**

Block Forty-Two  
make 2



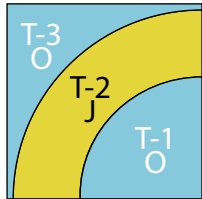
**Fig. 46**

Block Forty-Three  
make 1



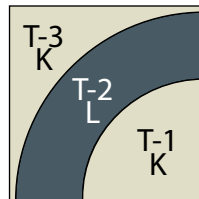
**Fig. 47**

Block Forty-Four  
make 1



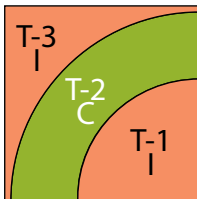
**Fig. 48**

Block Forty-Five  
make 1



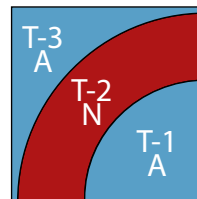
**Fig. 49**

Block Forty-Six  
make 1



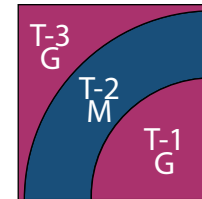
**Fig. 50**

Block Forty-Seven  
make 1



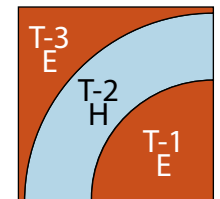
**Fig. 51**

Block Forty-Eight  
make 1



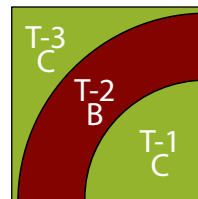
**Fig. 52**

Block Forty-Nine  
make 1



**Fig. 53**

Block Fifty  
make 1





## Quilt Top Assembly

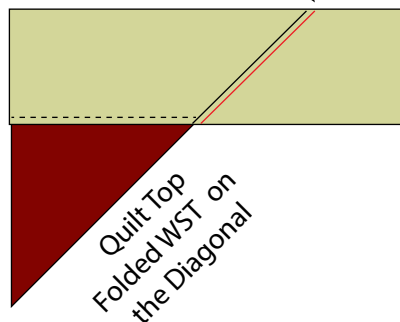
1. Arrange the blocks in 8 rows of 8, following the Quilt Center Layout diagram (page 10) for block placement and orientation.
2. Sew the blocks into rows, pressing the seam allowances in each row in the same direction, and alternating direction from row to row.
3. Sew all the rows together, nesting seam allowances, to complete the quilt center.
4. Sew the **Fabric F** strips together end-to-end into one continuous strip, then cut into 4 border strips each 77" long (the borders are longer to allow for mitered corners).
5. Pin a **Fabric F** border strip, centered, to the sides of the quilt center. Sew to each side, starting and stopping  $\frac{1}{4}$ " from corners of the quilt center. Repeat to add border strips to the top and bottom of the quilt center. Press.
6. Fold the quilt top RST diagonally through a corner, making sure the outer border seams are aligned from the folded corner outwards. Draw a  $45^\circ$  line extending from the fold on the border piece that is on top, then stitch on the line (**Fig. 54**). Open the corner up to check from the right side that the miter will lay flat when pressed, then trim seam allowance to  $\frac{1}{4}$ ". Repeat the process to miter the remaining 3 corners.

## Finishing

7. Sew together the  $2\frac{1}{2}$ " **Fabric L** binding strips end to end using diagonal seams. Press seams open. Press the binding strip in half wrong sides together.
8. Layer backing (wrong side up), batting, and quilt top (right side up). Baste the layers together and quilt as desired. Trim excess batting and backing even with the top after quilting is completed.
9. Leaving an 8" tail of binding, sew the binding to the top of the quilt through all layers matching all raw edges. Miter corners. Stop approximately 12" from where you started. Lay both loose ends of binding flat along quilt edge. Where the loose ends meet, fold them back on themselves and press to form a crease. Using this crease as your stitching line, sew the two open ends of the binding right sides together. Trim seam to  $\frac{1}{4}$ " and press open. Finish sewing binding to quilt.
10. Turn the binding to the back of quilt and hand-stitch in place.

**Fig. 54**

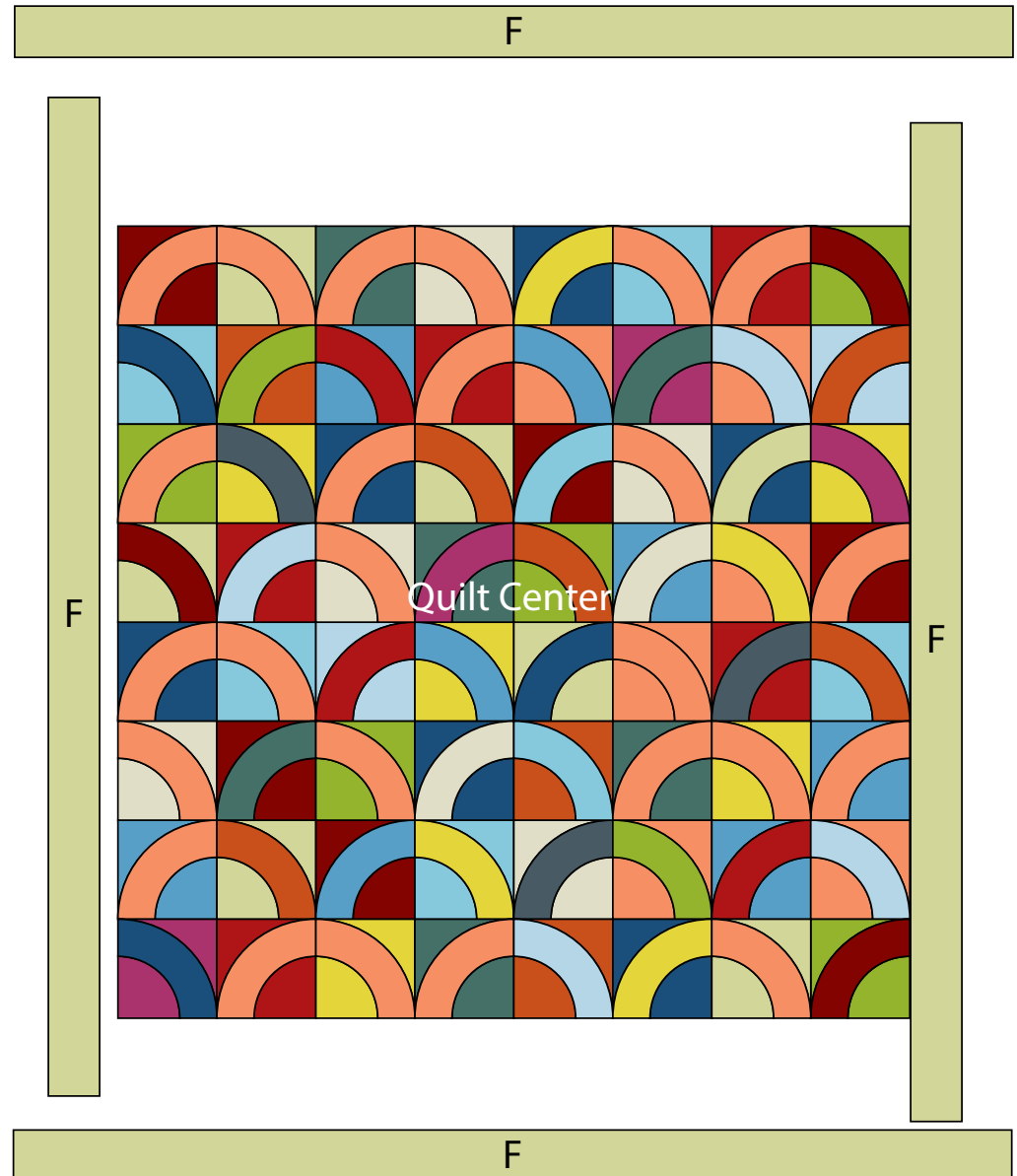
Mark and sew along  $45^\circ$  line,  
then trim  $\frac{1}{4}$ " away.



Quilt Center Layout

Quilt Center							
Row One	1	2	3	4	5	6	7 8
Row Two	9	10	11	12	13	14	15 16
Row Three	17	18	19	20	21	22	23
Row Four	24	25	26	27	28	29	30
Row Five	31	32	33	34	35	36	37
Row Six	38	39	40	41	42	43	44
Row Seven	45	46	47	48	49	50	51
Row Eight	52	53	54	55	56	57	58

Quilt Layout



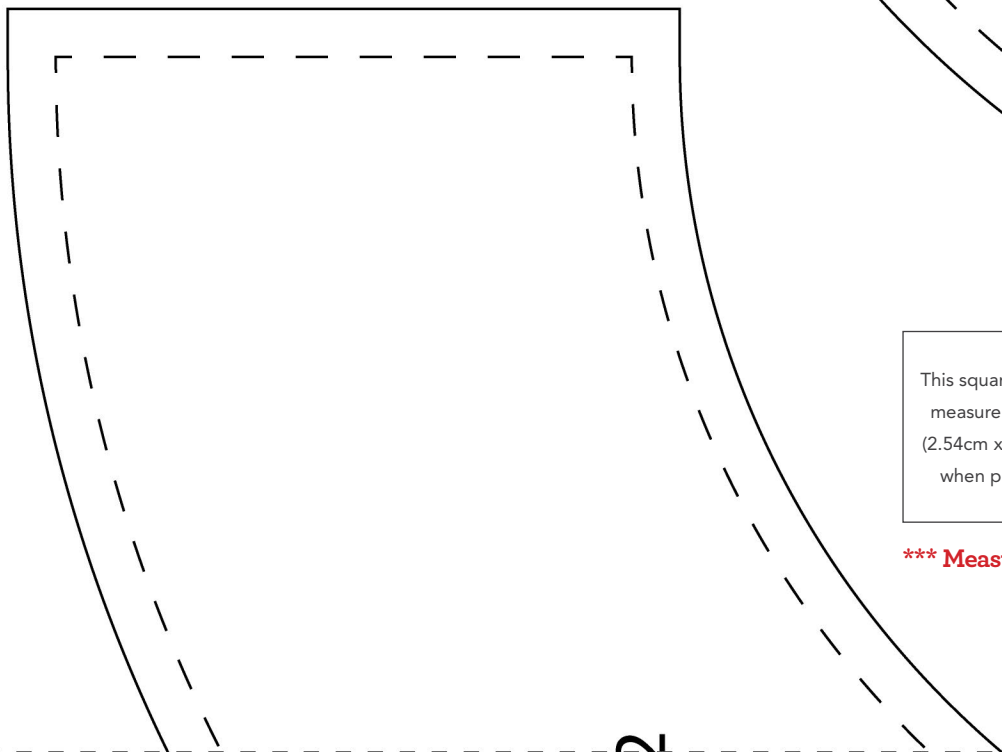
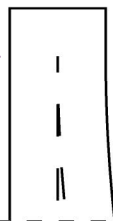
Template 3  
(T-3)

Template 2  
(T-2)

Line up pages to dotted line

This square should  
measure 1" x 1"  
(2.54cm x 2.54cm)  
when printed.

**\*\*\* Measure templates before cutting to confirm printing at 100%\*\*\***



This square should  
measure 1" x 1"  
(2.54cm x 2.54cm)  
when printed.

\*\*\* Measure templates before cutting to confirm printing at 100%\*\*\*

Line up pages to dotted line

Template 1  
(T-1)