# By the Sea <br> Quilt Design by Cyndi Hershey 



Featuring fabrics from
By The Sea by Maria Over


Fabric collection by Maria Over
Quilt designed by Cyndi Hershey
Skill level: Experienced Beginner • Finished Quilt Size: approximately 80" x 80"

## Quilt Yardages:

Fabric A: BTSE 5169 N 1 1/3 yards
Fabric B: BTSE 5171 B
. 2 yards
Fabric C: BTSE 5172 N ...........................................5/8 yard
Fabric D: BTSE 5172 WB....................................... 2/3 yard
Fabric E: BTSE 5174 LB ........................................... 2 yards
Fabric F: RAM6 716 W..................................... $33 / 8$ yards
Fabric G: SUED 300 N......................................... $5 / 8$ yards
Binding of choice: ................................................. 3/4 yard
Backing:
$21 / 2$ yards of 108 "
Batting .88" x 88"
Additional materials: Paper for copying foundation pattern for paper piecing

## Cutting Instructions:

Please read all instructions carefully before beginning. Strips are cut across the width of fabric (perpendicular to selvedges) unless otherwise stated. All seams are sewn with a 1/4" seam unless otherwise stated. Label all pieces.

## From Fabric A:

1. Cut nine $41 / 2^{\prime \prime}$ strips. Sew strips together end to end with diagonal seams. Trim seams to $1 / 4$ " and press open. From this pieced strip, cut two $41 / 2^{\prime \prime} \times 72$ 1/2" strips and two $41 / 2^{\prime \prime} \times 801 / 2^{\prime \prime}$ strips. (Outer Border)

## From Fabric B:

1. Cut two $27 / 8$ " strips; subcut twenty-four $27 / 8^{\prime \prime}$ squares. Cut each square diagonally in half to yield forty-eight half-square triangles. (Blocks $1 \& 2$ )
2. Cut three 3 " strips; subcut sixteen $3^{\prime \prime} \times 6$ " rectangles. Cut eight rectangles diagonally in half to yield sixteen triangles. Cut the remaining eight rectangles diagonally in half in the opposite direction to yield sixteen reverse triangles. (Blocks $1 \& 2$ )
3. Cut two $31 / 4$ " strips; subcut sixteen $31 / 4$ " squares. Cut each square diagonally in both directions to yield sixty-four quarter-square triangles.
4. Cut one $47 / 8$ " strip; subcut eight $47 / 8$ " squares. Cut each square diagonally in half to yield sixteen halfsquare triangles. (Blocks 1 \& 2)
5. Cut eight 5 " strips; subcut thirty-two 5 " $\times 9$ " rectangles. (Blocks 1 \& 2)

## From Fabric C:

1. Cut one $21 / 2^{\prime \prime}$ strip; subcut sixteen $21 / 2^{\prime \prime}$ squares. (Block 1)
2. Cut two $27 / 8^{\prime \prime}$ strips; subcut sixteen $27 / 8^{\prime \prime}$ squares. Cut each square diagonally in half to yield thirty-two half-square triangles. (Block 1)
3. Cut one $41 / 2^{\prime \prime}$ strip; subcut eight $41 / 2^{\prime \prime}$ squares. (Block 1)
4. Cut one $47 / 8$ " strip; subcut eight $47 / 8$ " squares.

Cut each square diagonally in half to yield sixteen halfsquare triangles. (Block 1)

## From Fabric D:

1. Cut eight $21 / 2^{\prime \prime}$ strips. Sew strips together end to end with diagonal seams. Trim seams to $1 / 4$ " and press open. From this pieced strip, cut two $21 / 2^{\prime \prime} \times 661 / 2^{\prime \prime}$ strips and two $21 / 2^{\prime \prime} \times 701 / 2^{\prime \prime}$ strips. (2nd Border)

## From Fabric E:

1. Cut two $27 / 8$ " strips; subcut twenty-four $27 / 8 "$ squares. Cut each square diagonally in half to yield forty-eight half-square triangles. (Blocks $1 \& 2$ )
2. Cut three $3^{\prime \prime}$ strips; subcut sixteen $3^{\prime \prime} \times 6$ " rectangles. Cut eight rectangles diagonally in half to yield sixteen triangles. Cut the remaining eight rectangles diagonally in half in the opposite direction to yield sixteen reverse triangles. (Blocks $1 \& 2$ )
3. Cut two $31 / 4^{\prime \prime}$ strips; subcut sixteen $31 / 4$ " squares. Cut each square diagonally in both directions to yield sixty-four quarter-square triangles.
4. Cut one $47 / 8$ " strip; subcut eight $47 / 8$ " squares. Cut each square diagonally in half to yield sixteen halfsquare triangles. (Blocks $1 \& 2$ )
5. Cut eight 5" strips; subcut thirty-two 5 " $\times 9$ " rectangles. (Blocks 1 \& 2)

## From Fabric F :

1. Cut fifteen $11 / 2^{\prime \prime}$ strips. Sew strips together end to end with diagonal seams. Trim seams to $1 / 4$ " and press open. From this pieced strip, cut two $11 / 2^{\prime \prime} \times 641 / 2^{\prime \prime}$ strips, two 1 1/2" x 66 1/2" strips, two 1 1/2" $\times 701 / 2^{\prime \prime}$ strips and two $11 / 2^{\prime \prime} \times 721 / 2^{\prime \prime}$ strips. (1st and 3rd Borders)
2. Cut two 2 1/2" strips; subcut thirty-two 2 1/2" squares. (Blocks 1 \& 2)
3. Cut four $27 / 8$ " strips; subcut forty-eight $27 / 8$ " squares. Cut each square diagonally in half to yield ninety-six half-square triangles. (Blocks $1 \& 2$ )
4. Cut sixteen 3 " strips; subcut ninety-six 3 " $\times 6$ " rectangles. Cut forty-eight rectangles diagonally in half to yield ninety-six triangles. Cut the remaining rectangles diagonally in half in the opposite direction to yield ninety-six reverse triangles. (Blocks $1 \& 2$ )
5. Cut three $31 / 4$ " strips; subcut thirty-two $31 / 4$ " squares. Cut each square diagonally in both directions to yield (128) quarter-square triangles. (Blocks $1 \& 2$ )
6. Cut three $51 / 4$ " strips; subcut sixteen $51 / 4^{\prime \prime}$ squares. Cut each square diagonally in both directions to yield sixty-four quarter-square triangles. (Blocks $1 \& 2$ )

## From Fabric G:

1. Cut one 2 1/2" strip; subcut sixteen 2 1/2" squares. (Block 2)
2. Cut two $27 / 8$ " strips; subcut sixteen $27 / 8$ " squares. Cut each square diagonally in half to yield thirty-two half-square triangles. (Block 2)
3. Cut one $41 / 2^{\prime \prime}$ strip; subcut eight $41 / 2^{\prime \prime}$ squares. (Block 2)
4. Cut one $47 / 8 "$ strip; subcut eight $47 / 8$ " squares. Cut each square diagonally in half to yield sixteen halfsquare triangles. (Block 2)

## Piecing Instructions:

NOTE: Make a total of sixty-four copies of the foundation pattern to use for Blocks 1 \& 2.

## Block 1

1. Use the appropriate 5 " $\times 9$ " $B$ and $E$ rectangles with the appropriate $3^{\prime \prime} \times 66^{\prime \prime} B, E$ and $F$ triangles to paper piece four side units for each of the eight blocks. (Figure 1)

2. Sew one 5 1/4" F triangle to opposite sides of one $41 / 2^{\prime \prime}$ C square. Press toward F. Repeat for opposite sides of the square.
3. Sew one $47 / 8^{\prime \prime} \mathrm{C}$ triangle to opposite sides of the Step 2 unit. Press toward C. Sew one $47 / 8$ " B triangle to one of the remaining sides of the square. Sew one $47 / 8^{\prime \prime} E$ triangle to the last remaining side of the square. Press toward B and E. Repeat Steps 2 \& 3 to make eight center units. (Figure 2)


Figure 2
Make 8.
8 1/2" x 8 1/2" unfinished
4. Sew one 3 1/4" F triangle to opposite sides of one 2 1/2" C square. Press toward F. Repeat for opposite sides of the square.
5. Sew one 2 7/8" C triangle to opposite sides of the Step 4 unit. Press toward C. Sew one $27 / 8$ " B triangle to one of the remaining sides of the square. Sew one $27 / 8^{\prime \prime} \mathrm{E}$ triangle to the last remaining side of the square. Press toward B and E. Repeat Steps 4 and 5 to make sixteen units. (Figure 3)


Figure 3
C. Make 16.

4 1/2" x 4 1/2" unfinished
6. Repeat Steps 4 and 5 using 2 1/2" F squares, 3 1/4" B and E triangles and $27 / 8 " \mathrm{~B}, \mathrm{E}$ and F triangles. (Figure 4)


Figure 4
Make 8 of each.
4 1/2" x 4 1/2" unfinished
7. Refer to Block Diagram to assemble Step 1, 3, 5 and 6 units together into one block. Sew units into rows then sew rows together. Press seams open to maintain crisp points. Repeat to make eight blocks. (Figure 5)

## Block 2

1. Repeat steps for making Block 1 except use G pieces instead of C pieces. (Figure 6)


Figure 5 Make 8. 16 1/2" x 16 1/2" unfinished


Figure 6 Make 8. 16 1/2" x 16 1/2" unfinished

## Assembly:

1. Refer to Quilt Diagram to assemble Blocks 1 and 2 into rows. Press seams open to maintain crisp points.
2. Sew rows together to complete Quilt Center; press.
3. Sew one 1 1/2" x 64 1/2" F strip to both sides of the Quilt Center. Press toward F. Sew one 1 1/2" x 66 1/2" F strip to the top and bottom of the Quilt Center; press.
4. Sew one $21 / 2^{\prime \prime} \times 661 / 2^{\prime \prime} D$ strip to both sides of the Quilt Center. Press toward D. Sew one 2 1/2" x 70 1/2" D strip to the top and bottom of the Quilt Center; press.
5. Sew one $11 / 2^{\prime \prime} \times 701 / 2^{\prime \prime} F$ strip to both sides of the Quilt Center. Press toward F. Sew one 1 1/2" x 72 1/2" F strip to the top and bottom of the Quilt Center; press.
6. Sew one $41 / 2^{\prime \prime} \times 721 / 2$ " A strip to both sides of the Quilt Center. Press toward A. Sew one $41 / 2 " \times 80$ 1/2" A strip to the top and bottom of the Quilt Center; press.

## Finishing:

1. Prepare backing by trimming backing fabric to 88 " $\times 88$ ". Press well.
2. Layer quilt, batting, and backing. Baste layers together.
3. Quilt as desired.
4. Trim layers even with quilt top squaring corners.

Optional: Use a small, round plate to mark the corners of the sewn, outer border. Cut on marked lines to round border corners.
5. Prepare binding as you prefer - straight grained or bias. Attach binding using your favorite method.
6. Make a label and sew to the back of the runner.


Quilt Diagram
Please note how each block is rotated.



Fabric Collection by Maria Over


BTSE $5169 \mathrm{~N}^{*} \dagger$


BTSE 5170 N


BTSE 5172 WB*


SUED 300 N*


BTSE 5170 WB


BTSE 5173 N


RAM6 716 W*


BTSE 5169 WB


BTSE 5171 B*


BTSE 5173 WB


BTSE 5171 LB


BTSE 5174 B


BTSE 5172 N*


BTSE 5174 LB*

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