## Rippling Flags

## designed by Natalie Crabtree

featuring Americana and Spectrum by Whistler Studios

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\text { SIZE: } 61 \text { 3/4" x 70" }
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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 FREE PROJECTS SECTION.

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## CUTTING INSTRUCTIONS:

Designer Note: Label and store cut fabric pieces with the Row number it is assigned to (Rows 1-28). Be sure to read the entire pattern before you begin. The quilt is assembled using (28) vertical rows. Cutting Instructions for Fabrics $\boldsymbol{A}$ and $\boldsymbol{E}$ list individual cut pieces by row.
Fabric A Designer Cutting Note: The cover image shows variance in the Fabric $\boldsymbol{A}$ ombre design from row to row. This is achieved by trimming different portions of each Fabric A WOF strip for each row so that excess fabric is cut off from different locations on each strip. When trimming Fabric A WOF strips, choose different places along the WOF strip to locate your ruler to trim so that not all Fabric $\boldsymbol{A}$ strips show the same portion of ombre design. This will ensure that there are variances in the ombre design moving from row to row throughout the quilt.

| KEY | FABRIC | SKU | YD | CUTTING INSTRUCTIONS |
| :---: | :---: | :---: | :---: | :---: |
| A |  | AMERICANA 53051-1 Ombre | $23 / 8$ | (1) 4 " $\times$ WOF strip. Trim the strip to measure $4^{\prime \prime} \times 281 / 2^{\prime \prime}$ referencing the Fabric $\mathbf{A}$ designer cutting note above (Row 15). <br> (5) $33 / 4^{\prime \prime} \times$ WOF strips. Trim the strips to measure $33 / 4^{\prime \prime} \times$ $281 / 2^{\prime \prime}$ referencing the Fabric A designer cutting note above ( 1 strip each for Rows $1,13,14,16,17$ ). <br> (4) $31 / 2^{\prime \prime} \times$ WOF strips. Trim the strips to measure $31 / 2^{\prime \prime}$ $\times 281 / 2 \prime$ referencing the Fabric A designer cutting note above (1 strip each for Rows $2,12,18,28$ ). <br> (4) $3^{\prime \prime} \times$ WOF strips. Trim the strips to measure $3^{\prime \prime} \times$ $281 / 2^{\prime \prime}$ referencing the Fabric A designer cutting note above ( 1 strip each for Rows 3, 11, 19, 27). <br> (4) $21 / 4^{\prime \prime} \times$ WOF strips. Trim the strips to measure $21 / 4 \prime \prime$ $\times 281 / 2$ " referencing the Fabric A designer cutting note above (1 strip each for Rows 4, 10, 20, 26). <br> (4) $2^{\prime \prime} \times$ WOF strips. Trim the strips to measure $2^{\prime \prime} \times$ $281 / 2^{\prime \prime}$ referencing the Fabric A designer cutting note above ( 1 strip each for Rows 5, 9, 21, 25). <br> (4) $13 / 4^{\prime \prime} \times$ WOF strips. Trim the strips to measure $13 / 4^{\prime \prime} \times 25^{\prime \prime}$ referencing the Fabric A designer cutting note above (1 strip each for Rows 6, 8, 22, 24). <br> (2) $1 \frac{1}{2 \prime \prime} \times$ WOF strips. Trim the strips to measure $11 / 2^{\prime \prime} \times 21^{1 / 2 \prime}$ referencing the Fabric A designer cutting note above (1 strip each for Rows 7, 23). |
| B |  | SPECTRUM <br> 52782-18 <br> Powder Blue | $3 / 4$ | (4) 4" $\times$ WOF strips for Strip Set Assembly. <br> (1) 4" $\times$ WOF strip. Subcut (2) 4" squares (Row 15). |
| C |  | SPECTRUM <br> 52782-19 <br> Vivid Blue | $3 / 4$ | (4) 4" $\times$ WOF strips for Strip Set Assembly. <br> (1) $4^{\prime \prime} \times$ WOF strip. Subcut the following: <br> (2) 4" squares (Row 15). <br> (2) 4 " $\times 33 / 4$ " rectangles (Row 14, 16). |

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| D | SPECTRUM <br> 52782-20 Cobalt | $3 / 4$ | (4) 4" x WOF strips for Strip Set Assembly. <br> (1) $4 " \times$ WOF strip. Subcut the following: <br> (2) 4" squares (Row 15). <br> (2) $4^{\prime \prime} \times 3^{3 / 4} 4^{\prime \prime}$ rectangles (Row 14, 16). <br> (2) $4^{\prime \prime} \times 3$ 3/4" rectangles (Row 13, 17). |
| :---: | :---: | :---: | :---: |
| E | SPECTRUM <br> 52782-21 Admiral <br> INCLUDES BINDING | 2 | (1) $4 " \times$ WOF strip. Subcut the following: <br> (2) $4^{\prime \prime} \times 11^{\prime \prime}$ strips (Row 15 ). <br> (1) $33 / 4^{\prime \prime} \times 141 / 2^{\prime \prime}$ strip (Row 1). <br> (3) $33 / 4^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (9) $33 / 4$ " $\times 11^{\prime \prime}$ strips ( 1 strip for Row 1 and 2 strips each for Rows 13, 14, 16, 17). <br> (3) $31 / 2^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (8) $31 / 2^{\prime \prime} \times 11^{\prime \prime}$ strips (2 strips each for Rows 2, 12, 18, 28). <br> (2) $3^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (4) $3^{\prime \prime} \times 71 / 2^{\prime \prime}$ rectangles ( 1 rectangle each for Rows $3,11,19,27$ ). <br> (4) $3^{\prime \prime} \times 11$ " strips (1 strip each for Rows 3, 11, 19, 27). <br> (2) $21 / 4^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (4) $2 \frac{114 \prime \prime}{4 \prime \prime}$ " rectangles ( 1 rectangle each for Rows $4,10,20,26$ ). <br> (4) $21 / 4^{\prime \prime} \times 11^{\prime \prime}$ strips ( 1 strip each for Rows 4, 10, 20, 26). <br> (2) $2^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (4) 2" $\times 4$ " rectangles (1 rectangle each for Rows 5, 9, 21, 25). <br> (4) 2" x $11^{\prime \prime}$ strips (1 strip each for Rows 5, 9, 21, 25). <br> (2) $13 / 4^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (4) $13 / /^{\prime \prime} \times 7 \frac{1 / 2 "}{}$ rectangles ( 1 rectangle each for Rows 6, 8, 22, 24). <br> (4) $13 / /^{\prime \prime} \times 11^{\prime \prime}$ strips ( 1 strip each for Rows $6,8,22,24$ ). <br> (2) $11 / 2^{\prime \prime} \times$ WOF strips. Subcut the following: <br> (4) $11 / 2^{\prime \prime} \times 11^{\prime \prime}$ strips (2 strips each for Rows 7 \& 23). <br> (8) $21 / 4^{\prime \prime} \times$ WOF strips for binding. |
| F | SPECTRUM <br> 52782-35 <br> Crimson | $3 / 8$ | (2) 4 " $\times$ WOF strips for Strip Set Assembly. |
| G | SPECTRUM 52782-36 Ruby | 3/8 | (2) 4 " $\times$ WOF strips for Strip Set Assembly. |
|  | Backing | 4 | Batting 70" $\times 78^{\prime \prime}$ |

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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.

## PIECING INSTRUCTIONS

## STRIP SET ASSEMBLY:

1. This pattern uses bargello style strip piecing techniques to achieve the wave effect present in the quilt top. Piece strip sets using $4 "$ x WOF strips, and the following fabric guide and diagrams. Piece strip sets in the exact fabric order listed. Piece strip sets using a $1 / 4^{\prime \prime}$ seam allowance and sew lengthwise. Press as directed using the arrows in the diagram for pressing instructions. Pressing accurately is important so that seams will nestle during quilt assembly.

## a. Fabric D + Fabric C + Fabric B + Fabric G + Fabric F + Fabric B + Fabric C + Fabric D

2. Repeat to create (2) identical strip sets measuring $281 / 2 \prime \times$ WOF unfinished.

3. From the strip sets, subcut the following. Divide subcut units and separate by the assigned row.
a. (5) $33 / 4^{\prime \prime} \times 281 / 2^{\prime \prime}$ subcut units (Rows $1,13,14,16,17$ )
b. (4) $31 / 2^{\prime \prime} \times 28 \frac{1}{2} 2^{\prime \prime}$ subcut units (Rows 2, 12, 18, 28)
c. (4) $3^{\prime \prime} \times 281 / 2 \prime$ " subcut units (Rows $3,11,19,27$ )
d. (4) $21 / 4^{\prime \prime} \times 281 / 2^{\prime \prime}$ subcut units (Rows 4, 10, 20, 26)
e. (4) $2^{\prime \prime} \times 28 \frac{1}{2 \prime \prime}$ subcut units (Rows 5, 9, 21, 25)
f. (4) $13 / 4^{\prime \prime} \times 28 \frac{1}{2 \prime \prime}$ subcut units (Rows $6,8,22,24$ )
g. (2) $1 \frac{1}{2 \prime \prime} \times 281 / 2^{\prime \prime}$ subcut units (Rows 7,23 )


## ROW ASSEMBLY:

4. Using the following instructions and diagrams, piece Rows 1-28. Instructions for Rows 1-28 list Fabric A rectangle sizes and some rows will use individual cut pieces from Fabrics B - D. Reference both the written instructions and corresponding diagram underneath when piecing the rows. Some rows require that a subcut unit created in Step 3 is unsewn. Directions will indicate between which (2) fabrics the seam should be removed. It is recommended to avoid pressing the rows until the quilt top has been laid out as shown on Page 8. Pressing after the quilt top is laid out will allow you to easily alternate the direction in which you press the seams in each row, and avoid confusion. At this time, only the subcut units should be pressed. Please note that the top of the quilt rows are located at the right side of Pages 4-8, and the bottom of the quilt rows are located at the left side of Pages 4-8.
a. Row 1: $33 / 4$ " subcut unit (Unsew between Fabrics B and F) + Fabric E $33 / 4$ " $\times 11^{\prime \prime}+$ Fabric A $33 / 4 " \times 281 / 2^{\prime \prime}+$ Fabric E $33 / 4^{\prime \prime} \times 141 / 2^{\prime \prime}$

$$
\mathrm{E}-33 / 4^{\prime \prime} \times 11^{\prime \prime}
$$

E - 3 3/4" x $141 / 2^{\prime \prime}$

b. Row 2: $3^{11 / 2 \prime \prime}$ subcut unit (Unsew between Fabrics B and C) + Fabric E $31 / 2^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $31 / 2^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $3^{1 / 2 \prime \prime} \times 11^{\prime \prime}$

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\mathrm{E}-31 / 2^{\prime \prime} \times 11^{\prime \prime}
$$

E- $31 / 2^{\prime \prime} \times 11^{\prime \prime}$
c. Row 3: 3" subcut unit (Unsewn between Fabrics C and D) + Fabric E 3" x $11^{\prime \prime}+$ Fabric A $3^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E 3" $\times 71 /{ }^{\prime \prime}$

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E-3^{\prime \prime} \times 11^{\prime \prime}
$$

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E-3^{\prime \prime} \times 71 / 2^{\prime \prime}
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d. Row 4: $2 \frac{1}{4 \prime \prime}$ subcut unit + Fabric E $21 / 4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $21 / 4^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $21 / 4^{\prime \prime} \times 4 \prime$

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\mathrm{E}-2 \frac{1}{4 \prime \prime} \times 11^{\prime \prime}
$$

E-2 $1 / 4^{\prime \prime} \times 4^{\prime \prime}$
e. Row 5: Fabric E 2" $\times 4^{\prime \prime}+2^{\prime \prime}$ subcut unit + Fabric E 2" $\times 11^{\prime \prime}+$ Fabric A $2^{\prime \prime} \times 281 / 2^{\prime \prime}$
E-2" $\times 4^{\prime \prime}$
E-2" $\times 11^{\prime \prime}$
f. Row 6: Fabric E $13 / 4^{\prime \prime} \times 71 / 2^{\prime \prime}+13 / 4^{\prime \prime}$ subcut unit + Fabric E $13 / 4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $13 / 4^{\prime \prime} \times 25^{\prime \prime}$

E-1 $3 / 4^{\prime \prime} \times 71 / 2^{\prime \prime}$
E - 1 3/4" x $11^{\prime \prime}$
g. Row 7: Fabric E $1 \frac{1}{2 \prime \prime} \times 11^{\prime \prime}+1 \frac{1}{2 \prime}$ subcut unit + Fabric E $1 \frac{1}{2 \prime \prime} \times 11^{\prime \prime}+$ Fabric A $1 \frac{1}{2 \prime \prime} \times 21 \frac{1}{2 \prime \prime}$

E-1 $1 / 2^{\prime \prime} \times 11^{\prime \prime} \quad E-1 \frac{1}{2}{ }^{\prime \prime} \times 11^{\prime \prime}$

h. Row 8: Fabric E $13 / 4^{\prime \prime} \times 71 / 2^{\prime \prime}+13 / 4^{\prime \prime}$ subcut unit + Fabric E $13 / 4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $13 / 4^{\prime \prime} \times 25^{\prime \prime}$

E-1 $3 / 4^{\prime \prime} \times 71 / 2^{\prime \prime}$
E-1 3/4" x $11^{\prime \prime}$
i. Row 9: Fabric E $2^{\prime \prime} \times 4^{\prime \prime}+2^{\prime \prime}$ subcut unit + Fabric E $2^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $2^{\prime \prime} \times 281 / 2^{\prime \prime}$
E - 2" x $4^{\prime \prime}$
E-2" x $11^{\prime \prime}$
j. Row 10: $2 \frac{1}{4 \prime \prime}$ subcut unit + Fabric E $2 \frac{1}{4 \prime \prime} \times 11^{\prime \prime}+$ Fabric A $2 \frac{1}{4 \prime \prime} \times 28 \frac{1}{2 \prime}+$ Fabric E $2 \frac{1}{4 \prime \prime} \times 4^{\prime \prime}$

E-2 $1 / 4^{\prime \prime} \times 11^{\prime \prime}$
E-2 $14^{\prime \prime} \times 4^{\prime \prime}$

k. Row 11: $3^{\prime \prime}$ subcut unit (Unsewn between Fabrics C and D) + Fabric E $3^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $3^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E 3" x $71 / 2^{\prime \prime}$

E-3" x 11"
E-3" $\times 71 / 2^{\prime \prime}$


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I. Row 12: $31 / 2^{\prime \prime}$ subcut unit (Unsew between Fabrics B and C) + Fabric E $31 / 2^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $31 / 2^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $31 / 2^{\prime \prime} \times 11^{\prime \prime}$

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\text { E - } 31 / 2^{\prime \prime} \times 11^{\prime \prime}
$$

E-3 1/2" x $11^{\prime \prime}$

m. Row 13: 3 3/4" subcut unit (Unsew between Fabrics B and F) + Fabric E 3 3/4" $\times 11^{\prime \prime}+$ Fabric A $33 / 4$ " $\times 281 / 2^{\prime \prime}+$ Fabric E 3 3/4" x $11^{\prime \prime}+$ Fabric D 3 3/4" x $4^{\prime \prime}$

E-3 $3 / 4^{\prime \prime} \times 11^{\prime \prime}$
$E-33 / 4^{\prime \prime} \times 11^{\prime \prime} \quad D$

n. Row 14: $33 / 4$ " subcut unit (Unsew between Fabrics F and G) + Fabric E $33 / /^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $33 / 4$ " $281 / 2^{\prime \prime}+$ Fabric E $33 / 4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric D $33 / 4^{\prime \prime} \times 4^{\prime \prime}+$ Fabric C $33 / 4^{\prime \prime} \times 4^{\prime \prime}$

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\text { E - } 33 / 4^{\prime \prime} \times 11^{\prime \prime}
$$

E-3 3/4" x $11^{\prime \prime} \quad D$

o. Row 15: Fabric B 4" $\times 4^{\prime \prime}+$ Fabric C $4^{\prime \prime} \times 4^{\prime \prime}+$ Fabric D $4 \prime \times 4 "+$ Fabric E 4" $\times 11^{\prime \prime}+$ Fabric A $4 \prime \times 281 / 2^{\prime \prime}+$ Fabric E $4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric D 4" $\times 4^{\prime \prime}+$ Fabric C 4" $\times 44^{\prime \prime}+$ Fabric B 4" $\times 4^{\prime \prime}$

| B C | E-4" $\times 11^{\prime \prime}$ | E-4" $\times 11^{\prime \prime}$ | D | C | B |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |

 $11^{\prime \prime}+33 / 4$ " subcut unit (Unsew between Fabrics F and G)
C D E-3 $3 / 4^{\prime \prime} \times 11^{\prime \prime}$
E- 3 3/4" x 11"

q. Row 17: Fabric D $33 / 4^{\prime \prime} \times 4^{\prime \prime}+$ Fabric E $33 / 4^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $33 / 4^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $33 / 4^{\prime \prime} \times 11^{\prime \prime}+33 / 4^{\prime \prime}$ subcut unit (Unsew between Fabrics B and F)
D E-3 3/4" $\times 11^{\prime \prime}$
E-3 $3 / 4^{\prime \prime} \times 11^{\prime \prime}$

r. Row 18: Fabric E $3{ }^{1 ⁄ 2 \prime \prime} \times 11^{\prime \prime}+$ Fabric A $31 / 2^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $31 / 2 \prime \times 11^{\prime \prime}+31 / 2 \prime \prime$ subcut unit (Unsew between Fabrics B and C)

[^0]$\mathrm{E}-3{ }^{1 / 2^{\prime \prime}} \times 11^{\prime \prime}$
(2)

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s. Row 19: Fabric E 3" $\times 71 / 2^{\prime \prime}+$ Fabric A $3^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $3^{\prime \prime} \times 11^{\prime \prime}+3^{\prime \prime}$ subcut unit (Unsew between Fabrics C and D)
E-3" $\times 71 / 2^{\prime \prime}$ $E-3^{\prime \prime} \times 11^{\prime \prime}$

t. Row 20: Fabric E $21 / 4^{\prime \prime} \times 4^{\prime \prime}$ rectangle + Fabric A $2 \frac{1}{4 \prime \prime} \times 28 \frac{1}{2 \prime \prime}+$ Fabric E $21 / 4^{\prime \prime} \times 11^{\prime \prime}+21 / 4^{\prime \prime}$ subcut unit E - $21 / 4^{\prime \prime} \times 4^{\prime \prime}$ E-2 $1 / 4^{\prime \prime} \times 11^{\prime \prime}$
u. Row 21: Fabric A $2^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E 2" $\times 11^{\prime \prime}+2^{\prime \prime}$ subcut unit + Fabric E 2" $\times 44^{\prime \prime}$

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E-2^{\prime \prime} \times 11^{\prime \prime}
$$

$E-2^{\prime \prime} \times 4^{\prime \prime}$ Whave $\qquad$ (20

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aa. Row 27: Fabric E $3^{\prime \prime} \times 71 / 2^{\prime \prime}+$ Fabric A $3^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $3^{\prime \prime} \times 11^{\prime \prime}+3^{\prime \prime}$ subcut unit (Unsew between Fabrics C and D)
E-3" $\times 7$ 1/2"
E-3" x $11^{\prime \prime}$
bb. Row 28: Fabric E $31 / 2^{\prime \prime} \times 11^{\prime \prime}+$ Fabric A $31 / 2^{\prime \prime} \times 281 / 2^{\prime \prime}+$ Fabric E $31 / 2^{\prime \prime} \times 11^{\prime \prime}+31 / 2^{\prime \prime}$ subcut unit (Unsew between Fabrics B and C)
E-3 $1 / 2^{\prime \prime} \times 11^{\prime \prime}$
E-3 1/2" x $11^{\prime \prime}$

## QUILT ASSEMBLY:

5. Lay out Rows 1-28 in numerical order moving from left to right as shown in the diagram below. Once you have confirmed that the quilt top is laid out correctly, press the rows. Alternate the direction in which you press the seams in each row. Use pins to help align and nestle seams when sewing the rows together. Sew all rows together using a $1 / 4$ " seam.
6. Press seams to one side to complete the quilt top. The quilt top should measure $621 / 4^{\prime \prime} \times 701 / 2^{\prime \prime}$ unfinished.


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## FINISHING THE QUILT:

7. Sandwich quilt top with batting and backing. Baste quilt layers together using your preferred method. Quilt as desired.
8. Create binding using (8) Fabric E $21 / 4^{\prime \prime} \times$ WOF strips.
9. Attach binding using your preferred method.


[^0]:    E-31/2" x $11^{\prime \prime}$

