michae mil|er fabrics

## FOREST FINDINGS

SIZE: 74"W X 74"H • LEVEL: INTERMEDIATE • PATTERN BY: NATALIE CRABTREE • MIDNIGHT FOREST COLLECTION PATTERN AVAILABLE ON: WWW.MICHAELMILLERFABRICS.COM


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

## FOREST FINDINGS



FABRIC A
Cotton Couture
SC 5333 Moon
3 1/2 yards


FABRIC E
DC11376
Mushroom Floral White 1/4 yard


FABRIC I
DCX10060
Fresco Tan 3/4 yard


FABRIC B
DC11372
Forest Adventure Spruce
$15 / 8$ yards


FABRIC F
DC11378
Mushrooms Teal 5/8 yard


FABRIC J
DCX10060
Fresco Caramel 3/8 yard


FABRIC C
DC11373
Monotone Forest Spruce 5/8 yard


FABRIC G
DCX10060
Fresco Papaya
1 yard (includes binding)


FABRIC D
DC11375
Forest Babies Spruce 1/4 yard


FABRIC H
DCX10060
Fresco Salmon
3/8 yard

## BACKING:

4 3/4 yards
BATTING:
82" x 82"

## Additional supplies needed:

Basic Sewing Supplies, Foundation Paper Piecing Paper (all paper piecing templates have been sized and divided to fit standard size piecing paper)

Designer Note: Divide cut pieces by block type, either the Churn Dash Block, Mushroom Block A or Mushroom Block B. Please note that Churn Dash Blocks are offered in (3) colorways.

Pieces cut for Mushroom Blocks A or B are labeled with the fabric assignment for Foundation Paper Piecing. Labeling at this step may save time during assembly, and provide organization.

WOF = Width of Fabric, RST = Right Sides Together, HST = Half Square Triangle

| KEY | CUTTING INTRUCTIONS |
| :---: | :---: |
| A | - Cut (3) $31 / 2^{\prime \prime} \times$ WOF strips. Subcut (26) $31 / 2^{\prime \prime}$ squares for Churn Dash Blocks. <br> - Cut (8) $13 / 4^{\prime \prime} \times$ WOF strips. Subcut (52) $13 / 4 " \times 6$ " rectangles for Churn Dash Blocks. <br> - Cut (1) 11" $\times$ WOF strip. Subcut the following for Mushroom Block A: <br> - (6) $11^{\prime \prime} \times 2$ " rectangles. <br> - (12) $31 / 2^{\prime \prime} \times 4 \frac{1}{2}$ " rectangles. Label for both F1 and G1. <br> - Cut (2) 6" $\times$ WOF strips. Subcut the following for Mushroom Block A: <br> - (12) $6^{\prime \prime} \times 5^{\prime \prime}$ rectangles. Label for both A1 and B1. <br> - (6) 3 " $\times 3 \frac{1}{4}$ " rectangles. Label as D1. <br> - Cut (2) $4 \frac{1}{2} 2^{\prime \prime} \times$ WOF strips. Subcut (18) $41 / 2^{\prime \prime} \times 3^{\prime \prime}$ rectangles for Mushroom Block A. Label for C1, E1 and H 1 . <br> - Cut (4) 5" x WOF strips. Subcut the following for Mushroom Block B: <br> - (18) $5^{\prime \prime} \times 3 / 4 / 4$ rectangles. Label for A1, B1 and F1. <br> - (12) $5^{\prime \prime} \times 4 \frac{1}{4}$ " rectangles. Label as both E1 and I1. <br> - (6) $5^{\prime \prime} \times 2 \frac{1}{4}$ " rectangles. Label as G 1 . <br> - (12) $23 / 4$ " $\times 21 / 4$ " rectangles. Label as both C1 and D1. <br> - Cut (1) $33 / 4 " \times$ WOF strip. Subcut (6) $33 / 4$ " $\times 5$ " rectangles for Mushroom Block B. Label as H1. <br> - Cut (2) $11^{\prime \prime} \times$ WOF strips. Subcut (40) $11^{\prime \prime} \times 2$ " sashing rectangles for Quilt Assembly. <br> - Cut (7) $21^{1 / 4}$ " $\times$ WOF strips. Piece strips for length using diagonal seams. Subcut the following for Quilt Assembly: <br> (2) $21 / 4 " \times 61^{\prime \prime}$ Side Border 2 . <br> - (2) $21 / 4^{\prime \prime} \times 641 / 22^{\prime \prime}$ Top/Bottom Border 2. |
| B | - Cut (1) $6^{\prime \prime} \times$ WOF strip. Subcut (5) 6" squares for Churn Dash Blocks. <br> - Cut (8) $51 / 2 " \times$ WOF strips. Piece (2) strips for length using a straight $1 / 4$ " seam. Repeat to create (4) long strips. Subcut the following for Quilt Assembly: <br> - <br> (2) $51 / 2 " \times 641 / 2 "$ Side Border 3 . <br> - (2) $5 \frac{1}{2} 2^{\prime \prime} \times 74 \frac{1}{2} 2^{\prime \prime}$ Top/Bottom Border 3 . |
| C | - Cut (1) $91 / 4 " \times$ WOF strip. Subcut the following for Mushroom Block A: <br> - (6) $91 / 4 " \times 31 / 2^{\prime \prime}$ rectangles. Label as C2. <br> - (5) $8 \frac{112 " ~}{2} \times 4^{\prime \prime}$ rectangles. Label as F2. <br> - Cut (2) 4" $\times$ WOF strips. Subcut the following for Mushroom Block A: <br> - (1) 4 " $\times 81 / 2 "$ rectangle. Label as F2. Combine with the F2 pieces above to total (6) F2. <br> - (12) 3" squares. Label for both E2 and H2. |
| D | - Cut (1) 6" $\times$ WOF strip. Subcut (4) 6" squares for Churn Dash Blocks. |
| E | - Cut (1) 6" $\times$ WOF strip. Subcut (4) 6" squares for Churn Dash Blocks. |


| F | - Cut (1) $31 / 2 " \times$ WOF strip. Subcut the following for Mushroom Block B: (6) $31 / 2^{\prime \prime} \times 4 \frac{1}{4}$ " rectangles. Label as E2. <br> - (6) $31 / 2^{\prime \prime} \times 2 \frac{1}{4} 4^{\prime \prime}$ rectangles. Label as G2. <br> - Cut (2) $31 / 4^{\prime \prime} \times$ WOF strips. Subcut the following for Mushroom Block B: (6) $3 \frac{1}{4}$ " $\times 5 \frac{1}{4}$ "rectangles. Label as F2. (6) $31 / 4 / 4$ squares. Label as 12 . <br> - Cut (2) $3^{\prime \prime} \times$ WOF strips. Subcut the following for Mushroom Block B: (6) $3^{\prime \prime} \times 8 \frac{1}{4}$ " rectangles. Label as C2. (6) $3^{\prime \prime}$ squares. Label as H 2 . |
| :---: | :---: |
| G | - Cut (8) $21 / 4^{\prime \prime} \times$ WOF strips for binding. <br> - Cut (1) $31 / 2 " \times$ WOF strip. Subcut (10) $31 / 2^{\prime \prime}$ squares for Churn Dash Blocks. <br> - Cut (3) $13 / 4 " \times$ WOF strips. Subcut (20) $13 / 4$ " $\times 6$ " rectangles for Churn Dash Blocks. |
| H | - Cut (1) $31 / 2^{\prime \prime} \times$ WOF strip. Subcut (8) $31 / 22^{\prime \prime}$ squares for Churn Dash Blocks. <br> - Cut (3) $13 / 4 " \times$ WOF strips. Subcut (16) $13 / 4 " \times 6$ " rectangles for Churn Dash Blocks. |
| I | - Cut (1) $31 / 2^{\prime \prime} \times$ WOF strip. Subcut (8) $31 / 22^{\prime \prime}$ squares for Churn Dash Blocks. <br> - Cut (3) $13 / 4 " \times$ WOF strips. Subcut (16) $13 / 4 " \times 6$ " rectangles for Churn Dash Blocks. <br> - Cut (1) 2" x WOF strip. Subcut (16) 2" cornerstone squares for Quilt Assembly. <br> - Cut (7) $1 \frac{1}{2}$ " $\times$ WOF strips. Piece strips for length using diagonal seams. From the long strip, subcut the following for Quilt Assembly: <br> - (2) $1 \frac{1}{2}$ " $\times 59^{\prime \prime}$ Side Border 1 . <br> - (2) $1 \frac{1}{2} 2^{\prime \prime} \times 61^{\prime \prime}$ Top/Bottom Border 1 . |
| J | - Cut (1) $53 / 4 " \times$ WOF strip. Subcut (6) $53 / 4 "$ squares for Mushroom Block A. Label as A2. <br> - Cut (1) $23 / 4 " \times$ WOF strip. Subcut (6) $23 / 4$ " $\times 33 / 4$ " rectangles for Mushroom Block B. Label as A2. |

## Churn Dash Block Assembly:

1. Draw a diagonal line on the wrong side of (26) $31 / 2^{\prime \prime}$ Fabric A squares.
2. Place $31 / 2^{\prime \prime}$ Fabric A squares with $31 / 2 "$ squares cut from Fabrics G, H and I, RST and edges aligned. There should be (26) sets of squares.
3. Sew a $1 / 4$ " away from the drawn diagonal line on each set of squares. Then, cut along the drawn diagonal line creating (20) A/G HST units, (16) A/H HST units and (16) A/I HST units.
4. Trim HST units to measure $3^{\prime \prime} \times 3^{\prime \prime}$ unfinished.

5. Arrange (4) A/G HST units with (1) $6^{\prime \prime}$ Fabric B square, (4) $13 / 4 " \times 6$ " Fabric A rectangles and (4) $13 / 4$ " $\times 6^{\prime \prime}$ Fabric G rectangles to form (1) Churn Dash Block Colorway 1.
6. Sew together, pressing seams away from HST units and the center square. The Churn Dash Block Colorway 1 should measure 11 " $\times 11$ " unfinished.

7. Repeat to create a total of (5) Churn Dash Block Colorway 1, (4) Colorway 2 and (4) Colorway 3. Reference the diagrams for the fabric combinations.

## Churn Dash Block <br> Colorway 1



Make (5)

Churn Dash Block Colorway 2


Make (4)

Churn Dash Block Colorway 3


Make (4)

## General Foundation Paper Piecing Instructions:

Designer Note: Shorten your stitch length to approximately 1-1.5 to create a tighter, more secure seam. This will make paper removal easier.
8. Refer to the diagrams as well as the fabric assignment lists for fabric placement and the size of each piece. Fabric assignments/labels were also provided in the Cutting Instructions.
9. Print (6) complete Mushroom Block A foundation template sets and (6) complete Mushroom Block B foundation template sets. Be sure that the printer is set to print at $100 \%$ or Actual Size. Check that the 1 " Box and $1 / 4 "$ seam allowances measure properly before proceeding.
10. Cut out the foundation templates from all sheets. Be sure to include the outermost printed line for each foundation template for the $1 / 4$ " seam allowance.
11. Group each mushroom together as you cut for organization.
12. Complete the foundation templates in order numerically and alphabetically. Use $1 / 4$ " seams and snip threads for a nice finish.
13. When trimming each foundation pieced block/unit, be sure that fabric extends to the edge of the paper to secure your block with a $1 / 4$ " seam allowance.

## Mushroom Block A Assembly:

14. Use the guide listed below to pair the correct fabric and piece size with the correct template section using the sections listed below with the fabric labels/measurements. Reference the diagram below for location of each section.

- A1 - Fabric A 5" x $6^{\prime \prime}$
- A2 - Fabric J $53 / 4^{\prime \prime}$ square
- B1 - Fabric A 5" $\times 6^{\prime \prime}$
- C1 - Fabric A 3" $\times 41 / 2^{\prime \prime}$
- C2 - Fabric C $911 / 4$ " $\times 31 / 22^{\prime \prime}$
- D1 - Fabric A 3" $\times 3$ 1/4"
- E1 - Fabric A 3" $\times 41 / 22^{\prime \prime}$
- E2 - Fabric C 3" square
- F1 - Fabric A $31 / 2^{\prime \prime} \times 41 / 2^{\prime \prime}$
- F2 - Fabric C $81 / 2^{\prime \prime} \times 4$ "
- G1 - Fabric A $31 / 22^{\prime \prime} \times 41 / 2^{\prime \prime}$
- H1 - Fabric A 3" $\times 41 / 2 "$
- H2 - Fabric C 3" square


15. Trim Mushroom Block A to measure 11 " x 11 " unfinished. Repeat to create a total of (6) Mushroom Block A.


## Mushroom Block B Assembly:

16. Use the guide listed below to pair the correct fabric and piece size with the correct template section using the sections listed below with the fabric labels/measurements. Reference the diagram below for location of each section.

- A1 - Fabric A 5" $\times 3$ 3/4"
- A2 - Fabric J $23 / 4$ " $\times 33 / 4$ "
- B1 - Fabric A 5" $\times 33 / 4$ "
- C1 - Fabric A $21 / 4$ " $\times 23 / 4$ "
- C2 - Fabric F $81 / 4^{\prime \prime} \times 3 "$
- D1 - Fabric A $21 / 4$ " $\times 23 / 4$ "
- E1 - Fabric A 5" $\times 41 / 4^{\prime \prime}$
- E2 - Fabric F $31 / 2^{\prime \prime} \times 4 \frac{1}{4} 4^{\prime \prime}$
- F1 - Fabric A 5" $\times 3$ 3/4"
- F2 - Fabric F $51 / 4^{\prime \prime} \times 31 / 4^{\prime \prime}$
- G1-Fabric A 5" $\times 2 \frac{1}{4} 4^{\prime \prime}$
- G2 - Fabric F $31 / 2^{\prime \prime} \times 21 / 4^{\prime \prime}$
- H1 - Fabric A 5" $\times 3$ 3/4"
- H2 - Fabric F 3" square
- $\quad 11$ - Fabric A 5" $\times 4 \frac{114 "}{4}$

- $\quad 12$ - Fabric F $31 / 4$ " square

17. Trim Mushroom Block B to measure 11" $\times 11^{\prime \prime}$ unfinished. Repeat to create a total of (6) Mushroom Block B.


## Quilt Assembly:

18. Arrange Churn Dash and Mushroom Blocks in a $5 \times 5$ grid, referencing the diagram and pattern cover image for placement of each block colorway. Place (1) 2 " $\times 11$ " Fabric A sashing rectangle vertically in between each block.
19. Arrange sashing rows between each block row. Each sashing row should contain (5) 2 " $\times 11$ " Fabric A sashing rectangles and (4) 2" Fabric I cornerstone squares.
20. Sew block rows together, pressing seams toward the sashing rectangles. Block rows should measure 59" $\times 11$ " unfinished.
21. Sew sashing rows together, pressing seams toward the sashing rectangles. Sashing rows should measure 59" $\times 2 "$ unfinished.
22. Sew block and sashing rows together, using pins to align and nestle seams. The quilt top center should measure 59" $\times 59^{\prime \prime}$ unfinished.

23. Attach Borders 1-3 in numerical order. Reference the diagram and the Cutting Instructions for the size of each border. It is recommended to use pins to align each border with the quilt top center to avoid stretching or shifting. Press outward after attaching each border. Once complete, the quilt top should measure $741 / 2^{\prime \prime} \times$ $741 / 2^{\prime \prime}$ unfinished.


## Finishing the Quilt:

24. Sandwich the quilt top with batting and backing. Baste quilt layers together using your preferred method.
25. Quilt as desired.
26. Bind quilt using (8) $21 / 4 " \times$ WOF Fabric G strips.

Forest Findings Foundation Templates by Natalie Crabtree


Mushroom Block A


H1


Mushroom Block A
1 inch

## Forest Findings Foundation Templates by Natalie Crabtree

Mushroom Block B


## Mushroom Block B




## Mushroom Block B



