# Border Around and Along <br> Round 4 <br> August 2020 

General Information - this is Round 4 of 5 Rounds. This is a $4^{\prime \prime}$ border. Round 5 will be a $2^{\prime \prime}-21 / 2^{\prime \prime}$ border so that the final size of the quilt will be small enough to quilt using a $11 / 4$ yards of standard width quilting fabric.

In all options you will see a slim inner border (shown in gray), this is known as a filler, floater or spacer border and is often necessary when moving from one border to another border of unequal sizes, from a pieced quilt to a pieced border or to surround a panel. Instructions on how to determine the size of this border will be on page 3 . You need to make your borders before you can calculate the size.



For each block, cut 1 center square 1 15/16"
Cut 1 square of background fabric $33 / 16^{\prime \prime}$; cut twice on the diagonal

Cut 4 rectangles $115 / 16^{\prime \prime} \mathrm{x}$ $23 / 4 \prime$; these rectangles will be trimmed to make the corners of the block after assembling the block.

Trim block to $41 / 2^{\prime \prime}$
You will need to make 8 blocks

Option 4B


This is a 7 " $\times 4^{\prime \prime}$ finished block.

From your background fabric - cut 2 squares $11 / 2^{\prime \prime} \times 11 / 2^{\prime \prime}$; cut 2 strips $11 / 2^{\prime \prime} \times 21 / 2^{\prime \prime}$ and cut 2 strips $1^{1 / 2 "} \times 31 / 2^{\prime \prime}$

Working from the bottom of the block to the top - cut 1 strip $11 / 2^{\prime \prime} \times 7 \frac{1}{2} 2^{\prime \prime}, 1$ strip $1 \frac{1}{2 \prime \prime} \times 51 / 2^{\prime \prime}$, 1 strip $11 / 2^{\prime \prime} \times 31 / 2^{\prime \prime}$ and 1 square $11 / 2^{\prime \prime} \times 1^{1 / 2^{\prime \prime}}$

You will need to make 16 blocks

| $\square$ | From your background fabric - <br> cut 1 square $31 / 2^{\prime \prime} \times 31 / 2^{\prime \prime}$, |
| :--- | :--- |
| cut 2 strips $11 / 2^{\prime \prime} \times 31 / 2^{\prime \prime}$ |  |
| From the fabric used in the |  |
| bottom row of the rectangular |  |
| blocks, cut 1 square $11 / 2^{\prime} \times 11 / 2^{\prime \prime}$ |  |

You will need to make 4 blocks

Option 4C


From the fabric selected for your
 diamonds, cut a square $35 / 16^{\prime \prime} \mathrm{x}$ 3 5/16"

From the background fabric, cut 2 squares $27 / 8^{\prime \prime} \times 27 / 8^{\prime \prime}$; cut once on the diagonal

You will need to make 16 blocks


From the fabric selected for your diamonds, cut 2 squares 1 15/16" x 1 15/16"

From the background fabric cut 2 squares $17 / 8^{\prime \prime} \times 17 / 8^{\prime \prime}$
cut once on the diagonal
cut 2 strips $1 \frac{1}{2 \prime \prime} \times 41 / 2^{\prime \prime}$

You will need to make 16 blocks

## Option 4E

Design your own 4" border

## Option 4D



Choose three colors for the strip portion - cut the rectangles at $41 / 2^{\prime \prime} \times 1 \frac{1}{2 \prime}{ }^{\prime \prime}$
(Alternative - strip sets cut at $1 \frac{1}{2 \prime \prime} \times 271 / 2^{\prime \prime}$ )
For the ribbon portion of the block = Cut 2 squares of your background fabric $17 / 8^{\prime \prime} \times 17 / 8^{\prime \prime}$; cut once the diagonal.

Cut two diamonds as show in this diagram. The easiest way to do this is to cut a strip
 $13 / 16$ " wide, fold it right sides together to cut mirror image diamonds.

You will need to
 make 28 blocks


For the nine patch portion Cut 9 squares $1 \frac{11 / 2 " \times 11 / 2 " ~}{2}$

For the ribbon section -
Cut 1 square $1 \frac{1}{2 \prime \prime} \times 1 \frac{1}{2 \prime \prime}$
Cut 3 squares from the background fabric and 3 squares from the colored fabric at 1 7/8" x 1 7/8".
Draw a diagonal line and sew $1 / 4^{\prime \prime}$ on either side of the line.
Cut on the diagonal
You will need to make 4 blocks

## The Filler Border

Calculating this border is a matter of measurement and simple quilt math. We are going from a border made of 3 " blocks which should measure 27 " finished to a border made of 4 " blocks which minus the cornerstones should measure $28^{\prime \prime}$ finished. However, as measurements may vary, follow these steps to calculate your floater border size:


1. Starting with your top and bottom border, measure the finished size of your border (remember to subtract your seam allowance)
2. Measure the width of your quilt through the center of the quilt (subtract your seam allowance) and subtract it from the measurement in Step 1.
3. Divide by 2 . This number is the finished width of your floater border. Add your seam allowance. The length of the floater border is the measurement through the center of the quilt parallel to the sides of the quilt.
4. Sew your floater border to the sides of the quilt
5. Repeat steps $1-3$ for your side borders. The length of the floater border is the measurement through the center of the quilt parallel to the top and bottom of the quilt.
6. Sew your floater border to the top and bottom of the quilt.
7. Sew your pieced borders to the quilt.

As an example, to calculate the width of the spacer border, subtract the finished size of your quilt ( $27^{\prime \prime}$ )from the finished size of your border ( $28^{\prime \prime}$ ) and divide by $2.28-27=1^{\prime \prime} ; 1^{\prime \prime} / 2=1 / 2^{\prime \prime}$. Add to this the seam allowance and your filler border will be $1^{\prime \prime}$ wide. Your filler border would be cut at $\underline{1^{\prime \prime} x}$ height of the quilt as you need to sew the these floater borders to the sides of the quilt.

