

INTERMEDIATE  
SKILL

# In Orbit

designed by Natalie Crabtree  
featuring *Indigo Dyed* by Windham Fabrics

SIZE: 78" x 78"

FREE  
PROJECT



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

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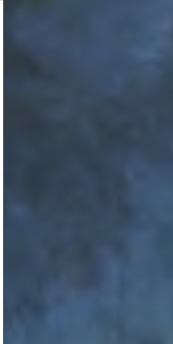


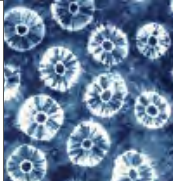


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## FUSIBLE WEB INSTRUCTIONS:





- On the smooth side of fusible web, trace (8) Large Circle Templates, (8) Small Circle Templates, (2) Large Half Circle Templates and (2) Small Half Circle Templates.
- Cut out each circle fusible web template just outside of the traced line and set aside. Cutting instructions for **Fabrics A – I** indicate which fabrics to fuse circles to and in what quantities.

*(Please note: Instructions included in this pattern are for raw edge applique, therefore the printed size of the templates are the finished sizes of each applique patch. If you wish to use turn under applique methods or flip and fuse applique methods, simply add a ¼" to both the Large and Small Circle Templates and proceed using your preferred assembly methods.)*

KEY	FABRIC	SKU	YD	CUTTING INSTRUCTIONS
A		FROM SOLIDS 31835S Linen White	3 <sup>7</sup> / <sub>8</sub>	(8) 2" x WOF strips. Piece strips for length using diagonal seams. From the long strip, subcut the following: (2) 2" x 75 <sup>1</sup> / <sub>2</sub> " Side Border strips. (2) 2" x 78 <sup>1</sup> / <sub>2</sub> " Top/Bottom Border strips. (6) 11" x WOF strips. Subcut (18) 11" squares; cut each square once diagonally to make (36) HST. (6) 3 <sup>3</sup> / <sub>8</sub> " x WOF strips. Subcut (72) 3 <sup>3</sup> / <sub>8</sub> " squares; cut each square once diagonally to make (144) HST. (8) 3 <sup>1</sup> / <sub>2</sub> " x WOF strips. Subcut (90) 3 <sup>1</sup> / <sub>2</sub> " squares.
B		FROM PALETTE 37098-41 Nautical Blue INCLUDES BINDING	2 <sup>7</sup> / <sub>8</sub>	(8) 3 <sup>1</sup> / <sub>2</sub> " x WOF strips. Subcut (90) 3 <sup>1</sup> / <sub>2</sub> " squares. Use the remaining yardage to fuse (8) Large Circle Templates and (2) Large Half Circle Templates onto the wrong side of fabric. Cut out each circle on the traced line and set aside for applique instructions. <b>FOR BINDING:</b> (9) 2 <sup>1</sup> / <sub>4</sub> " x WOF strips for binding.
C		FROM INDIGO DYED 52557-3 Dark	<sup>3</sup> / <sub>8</sub>	Use the yardage to fuse (1) Small Whole Circle Template and (1) Small Half Circle Template onto the wrong side of fabric. Cut out each circle on the traced line and set aside for applique instructions.
D		FROM INDIGO DYED 52554-3 Dark	<sup>3</sup> / <sub>4</sub>	(6) 3" x WOF strips. Subcut (84) 3" squares.
E		FROM INDIGO DYED 52552-3 Dark	<sup>5</sup> / <sub>8</sub>	Use the yardage to fuse (4) Small Whole Circle Templates onto the wrong side of fabric. Cut out each circle on the traced line and set aside for applique instructions.



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<b>F</b>		FROM INDIGO DYED 52554-2 Medium	1 ¼	(12) 3" x WOF strips. Subcut (168) 3" squares.
<b>G</b>		FROM INDIGO DYED 52557-2 Medium	¾	Use the yardage to fuse (2) Small Whole Circle Templates onto the wrong side of fabric. Cut out each circle on the traced line and set aside for applique instructions.
<b>H</b>		FROM INDIGO DYED 52552-2 Medium	¾	Use the yardage to fuse (1) Small Whole Circle Template and (1) Small Half Circle Template onto the wrong side of fabric. Cut out each circle on the traced line and set aside for applique instructions.
<b>I</b>		FROM INDIGO DYED 52554-1 Light	7/8	(8) 3" x WOF strips. Subcut (108) 3" squares.
		Backing	7 ¼	Batting 86" x 86", Fusible Web for raw edge applique

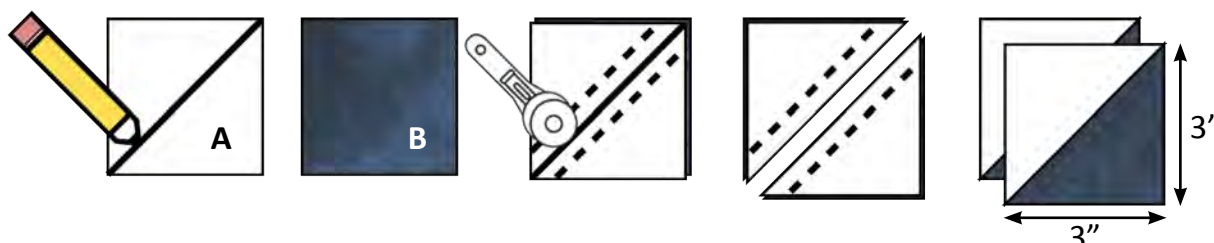
WOF=WIDTH OF FABRIC, HST = HALF SQUARE TRIANGLE

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## PIECING INSTRUCTIONS

### HST Unit Assembly:

1. HST units are needed to create both Blocks A and B. Begin HST unit assembly by drawing a diagonal line on the wrong side of (90) 3 ½" **Fabric A** squares.
2. Place (1) 3 ½" **Fabric A** square with (1) 3 ½" **Fabric B** square, right sides together.
3. Sew a ¼" away from either side of the drawn diagonal line.
4. Cut along the drawn diagonal line, separating the two sides and creating (2) HST units.
5. Trim HST units to measure 3" x 3" unfinished. Repeat to create (180) identical **A/B** HST units.







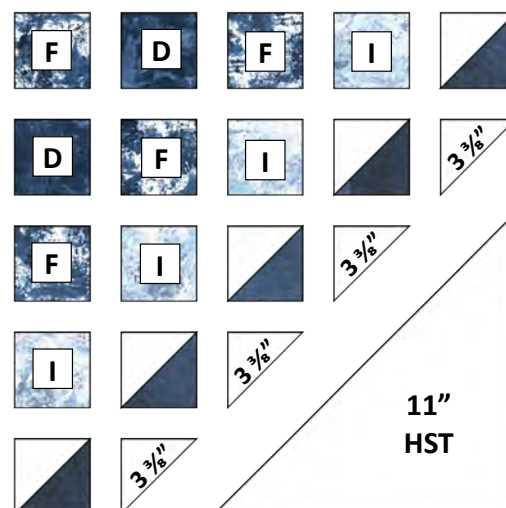
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## Block A:

6. Block A is used in vertical columns A, B, D and F (refer to quilt assembly diagrams). To create (1) Block A, gather the following:

- (5) A/B HST units.
- (4)  $3\frac{3}{8}$ " Fabric A HST.
- (1) 11" Fabric A HST.
- (2) 3" Fabric D squares.
- (4) 3" Fabric F squares.
- (4) 3" Fabric I squares.

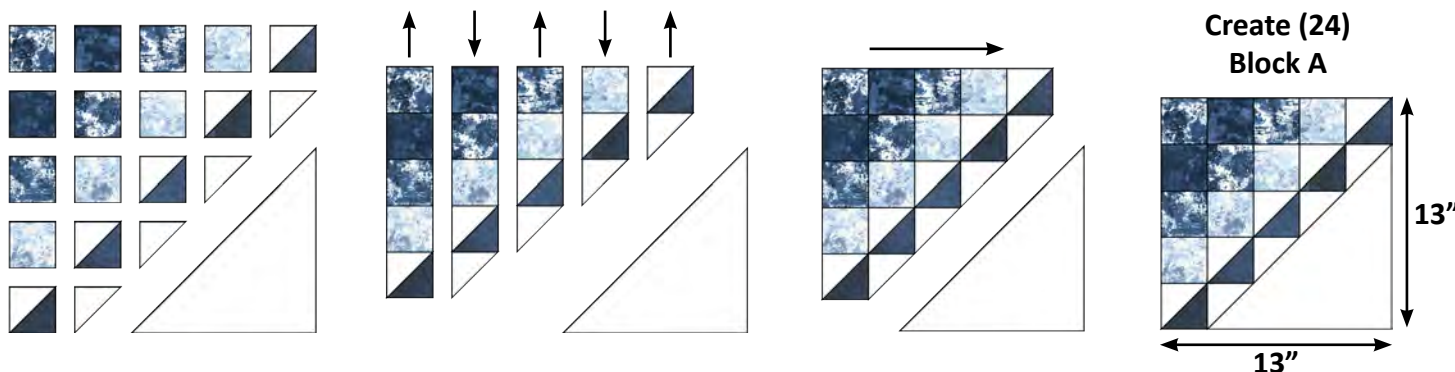
7. Lay out gathered pieces as shown in the diagram.



8. Sew Block A together in rows as shown. **Arrows indicate pressing instructions.** Complete Block A by attaching the 11" Fabric A HST.

9. Trim Block A to measure 13" x 13" unfinished.

10. Repeat to create (24) Block A. (It is recommended to stack Block A on your work station in the layout provided above and chain piece the rows to save time and thread. Follow the pressing instructions as this will assist you during quilt assembly.)

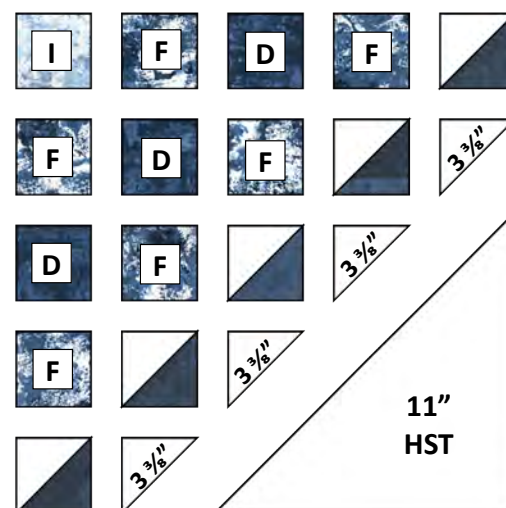


## Block B:

11. Block B is used in vertical columns C and D (refer to quilt assembly diagrams). To create (1) Block B, gather the following:

- (5) A/B HST units.
- (4)  $3\frac{3}{8}$ " Fabric A HST.
- (1) 11" Fabric A HST.
- (3) 3" Fabric D squares.
- (6) 3" Fabric F squares.
- (1) 3" Fabric I square.

12. Lay out gathered pieces as shown in the diagram.



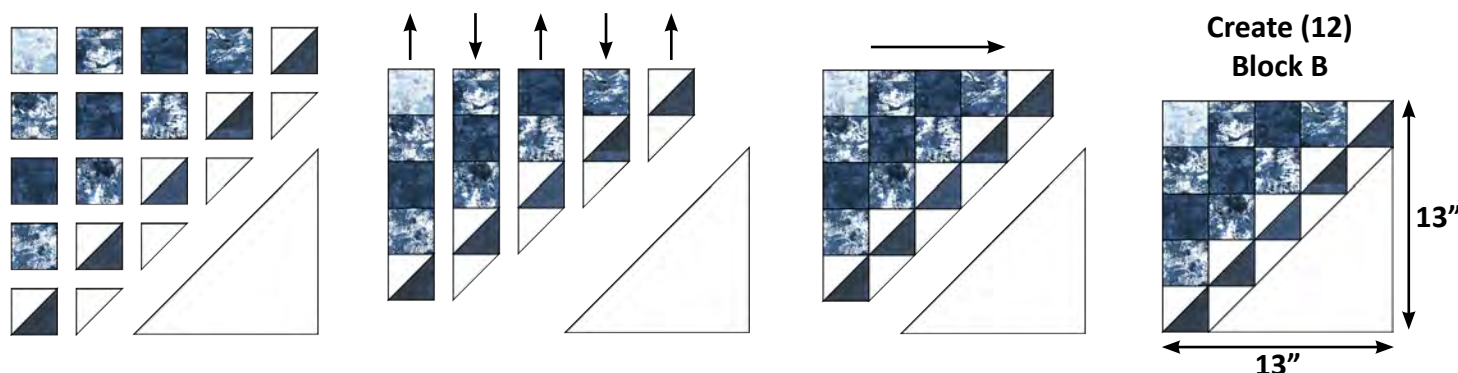


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**13.** Sew Block B together in rows as shown. **Arrows indicate pressing instructions.** Complete Block B by attaching the 11" **Fabric A** HST.

**14.** Trim Block B to measure 13" x 13" unfinished.

**15.** Repeat to create (12) Block B. (*Reference the helpful tip provided in Step 10 to cut down on sewing time!*)

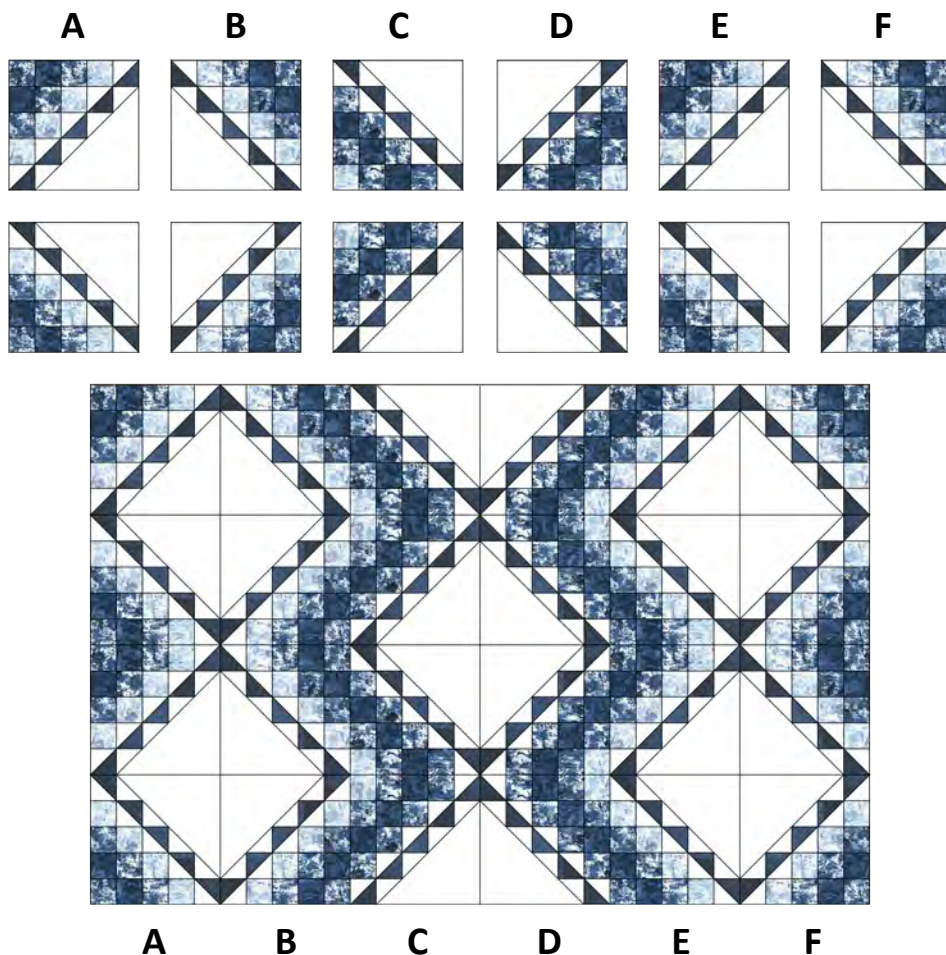


## QUILT ASSEMBLY:

**16.** Lay out Blocks A and B in a 6 x 6 grid. Please note that Block A is placed in vertical rows A, B, E and F. Block B is placed in vertical rows C and D. Blocks A and B should be placed so that **Fabrics D, F and I** create continuous chains throughout the quilt top. Blocks A and B are turned throughout the quilt top to create an ombre chain effect.

**17.** Once the layout is confirmed, sew the quilt top together in horizontal rows, alternating the direction in which you press the seams in each row.

**18.** Sew horizontal rows together to complete the quilt top center. The quilt top center should measure 75 1/2" x 75 1/2" unfinished.



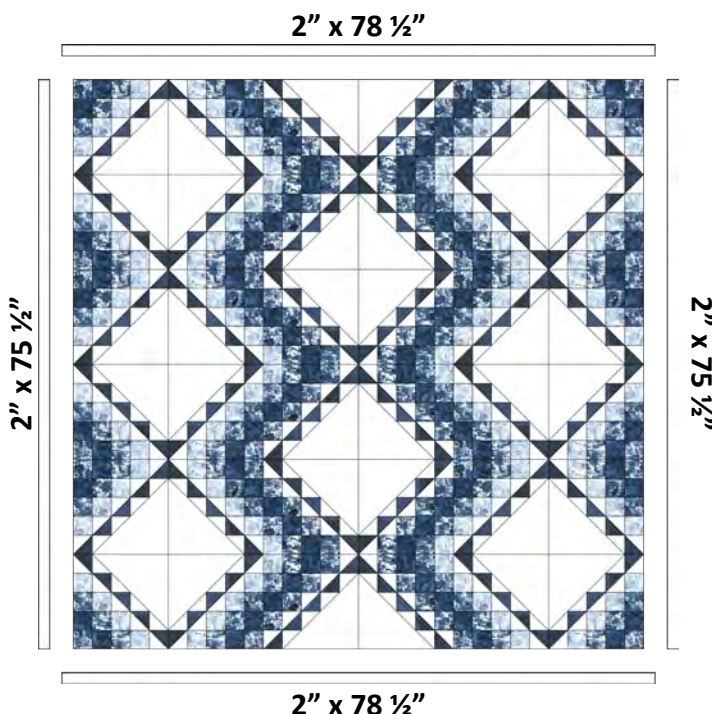




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**19.** Sew (1) 2" x 75 1/2" Side Border strip onto either side of the quilt top center. Press outward.

**20.** Sew (1) 2" x 78 1/2" Top/Bottom Border strip to the top and bottom of the quilt top center. Press outward. The quilt top should measure 78 1/2" x 78 1/2" unfinished at this step.

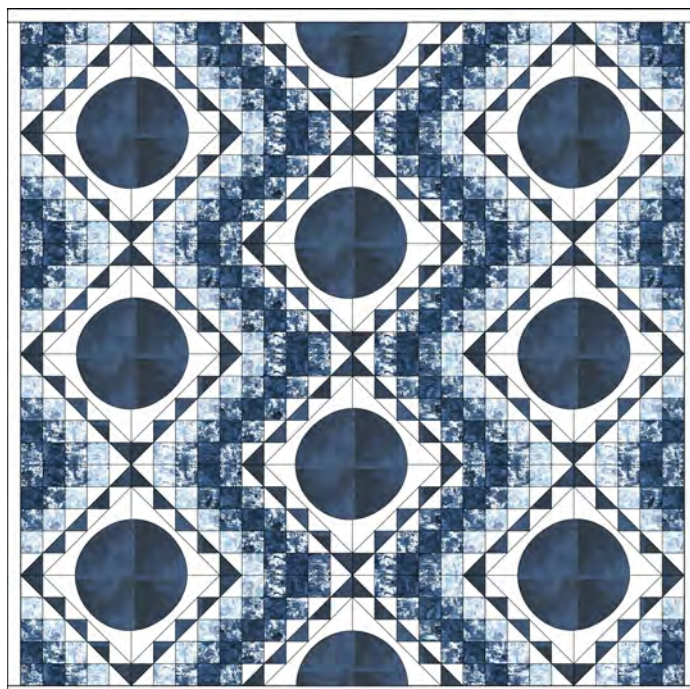


## ADD THE APPLIQUE CIRCLES:

**21.** Remove the paper from the glue side of each Large and Small Whole and Half Applique Circle.

**22.** Place the **Fabric B** Large Whole and Half Circles first. Be sure to center the **Fabric B** Whole circles perfectly within the blocks in all (8) locations, and align the straight edge of each **Fabric B** Half Circle with the seams connecting the Top/Bottom borders with the quilt top center.

**23.** Fuse into place. Stitch around each **Fabric B** Whole and Half Circle with a decorative stitch and thread color of your choice. *(Do not stitch down the straight edge of each Half Circle at this step. Leave the straight edge unsewn until Steps 24-25 to avoid stitching it down twice.)*





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**24.** Place the assorted **Fabric C, E, G and H** Small Whole and Half Circles as shown in the diagram. Perfectly center the Small Whole Circles within the **Fabric B** Large Whole Circle, and align the straight edge of the Small Half Circle with the seams connecting the Top/Bottom borders with the quilt top center.

**25.** Fuse into place. Stitch around each Small Whole and Half Circle with a matching decorative stitch and thread color of your choice to complete the quilt top.



## FINISHING THE QUILT:

**26.** Sandwich quilt top with batting and backing. Baste quilt layers together using your preferred method. Quilt as desired.

**27.** Create binding using (9) **Fabric B** 2 1/4" x WOF strips.

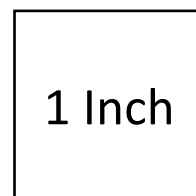
**28.** Attach binding using your preferred method.



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# In Orbit Templates

Small Whole  
Circle Template  
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# In Orbit Templates

1 Inch

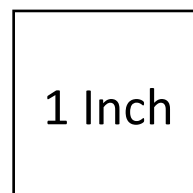
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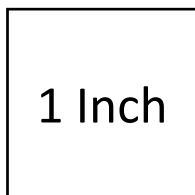
Small Half  
Circle Template  
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Small Half  
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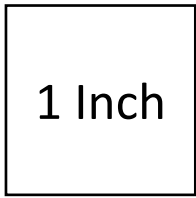


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Large Whole  
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1 Inch

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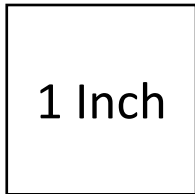
Large Whole  
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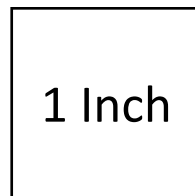
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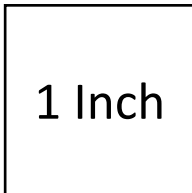
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