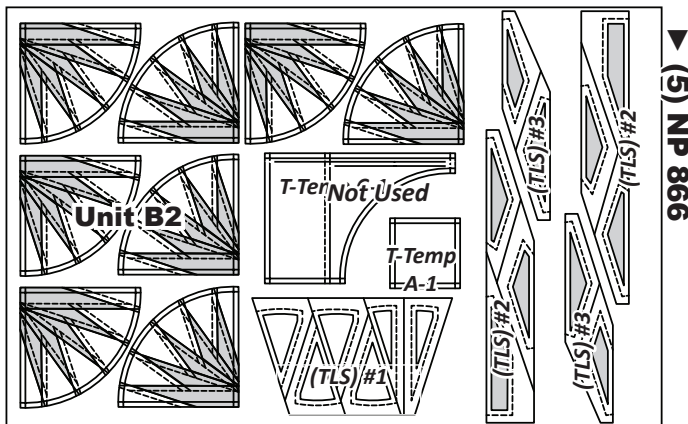## ▮ GROUP B2: SPIKE INSTRUCTIONS

Ziploc Storage Bags: One storage bag is required to complete these instructions. This package includes enough papers for **(40)** units, but you only need **(36)**.

- **Block Group Bag B1: (10)** Unit B2.
- **Block Group Bag B2: (10)** Unit B2.
- **Block Group Bag B3: (8)** Unit B2.
- **Block Group Bag B4: (8)** Unit B2.
- **Template Bag B00-2: (5)** each T-Temp A1, & C-1, (TLS) #1, #2, & #3 and **(4)** each Unit B2.
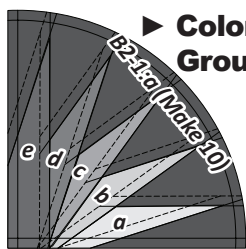
► Preparing Foundation Papers & Templates:

Cut out **(36)** Unit B2, foundation papers [NP 866]. The foundation units are divided into the four Color Group Bags listed above. Place **(10)** each in Color Group Bags # B1 & B2, then Place **(8)** each into Color Group Bags B3 & B4. The remaining **(4)** B2 Units are placed with the T-Templates and Template Layout Sheets (TLS) 1, 2, & 3, in Template Bag B-002. The Templates are removed from the Template Bag during the cutting process. See the newsprint graphics for assigned Unit and Template names. *Refer back to General Information under Foundation Papers and Templates for instructions on how to prepare your foundation papers and templates.*
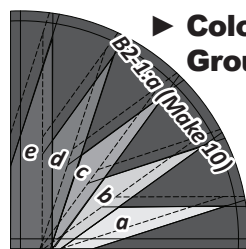

▼ **(5) NP 866**

NOTE - The (4) extra B2 Units, and T-Temp C-1 and A-1 (on NP 866) are not used in Geodes. See Page 23 for optional ways to use the extra blocks in this pattern and T-Temp C-1, if you would like to make a companion project.
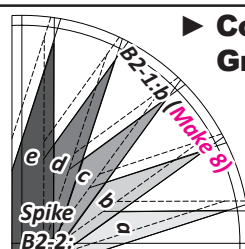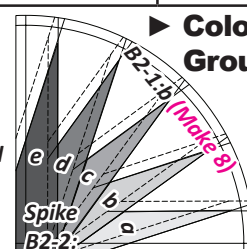
Unit B2: (36) Blocks		
GROUP-B2 FABRIC #	**YARDAGE INCH**	**FABRIC SWATCH**
Fabric B2-1:a Unit B2 (TLS) #1	7/8 yd or (30")	Black Fabric B2-1:a
	Cut **(5)** 6" Strips	
Fabric B2-1:b Unit B2 (TLS) #1	3/4 yd or (24")	White Fabric B2-1:b
	Cut **(4)** 6" Strips	
Fabric B2-2:a**(1)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Green Fabric B2-2:a**(1)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:a**(2)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Pink Fabric B2-2:a**(2)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:b**(1)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Lime Fabric B2-2:b**(1)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:b**(2)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Purple Fabric B2-2:b**(2)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:c**(1)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Gold Fabric B2-2:c**(1)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:c**(2)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Blue Fabric B2-2:c**(2)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:d**(1)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Peach Fabric B2-2:d**(1)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:d**(2)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Teal Fabric B2-2:d**(2)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:e**(1)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Red Fabric B2-2:e**(1)**
	Cut **(3)** 2-1/2" Strips	
Fabric B2-2:e**(2)** Spikes Unit B2 Templates (B-2, B-4, B-6, B-8, B-10)	1/4 yd or (7-1/2")	Cyan Fabric B2-2:e**(2)**
	Cut **(3)** 2-1/2" Strips	

► Color Group Layout

► Color Group 1

Black Background

Spike Group B2-2:a-e(1)
Green, Lime, Yellow, Peach, Red

► Color Group 2

Spike Group B2-2:a-e(2)
Pink, Purple, Blue, Teal, Cyan

► Color Group 3

White Background

Spike Group B2-2:a-e(1)
Green, Lime, Yellow, Peach, Red

► Color Group 4

Spike Group B2-2:a-e(2)
Pink, Purple, Blue, Teal, Cyan

Fabric Information and Color Layout: The *Unit Chart* on the previous page includes yardage, total inches, # of cut strips, fabric references, and the Cutting Templates that go with each Fabric # for Unit B2. Fabrics B2-1:a *[black]* and B2-1:b *[white]* are assigned to the background sections. Fabrics B2-2:a**(1)** to :e**(1)** are assigned to half the the spikes. **(10)** are paired with the B2-1:a black background and **(8)** are paired with the B2-1:b white baackground. Fabrics B2-2:a**(2)** to :e**(2)** are assigned to the spikes as well. Again, **(10)** are paired with the :a black and **(8)** with the :b white background fabrics. It is a good idea to add fabric swatches to the yardage chart to help you identifiy the assigned fabric # with your chosen fabric colors.

▮ GROUP B2: CUTTING INSTRUCTIONS

NOTE - Stacking Strips: Always stack the strips in reverse alpha-numeric order when working with multiple colors, ending with the :a fabric on top of the :b fabrics.

NOTE - Templates and (TLS): Templates are repositioned on the cut strips to achieve the number of cuts required in the cutting instructions. Please read carefully to ensure the correct # of pieces are stacked beneath each Template before cutting.

► Fabric B2-1:a & B2-1:b: Strip Cutting

One 6" by 42" strip yields enough fabric to cut **(4)** pieces matching the size and shape of (TLS #1).

- *Two Color Option: Cut (5) strips from Fabric B2-1:a [black] and (4) strips from B2-1:b [white]. Cut (20) pieces using (TLS #1) from B2-1:a and (16) pieces from B2-1:b.*
- *Remove (4) of the Unit B2 (TLS) #1 from Template Bag B-002.*

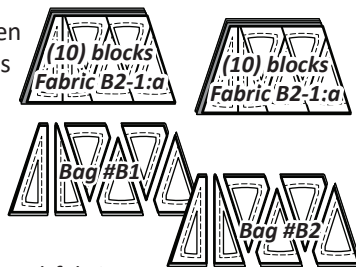### ► Fabric B2-1:a & B2-1:a: (TLS) #1

Step 1: The **(9)** strips are stacked facing *right-side-up*.

Stack (9) strips, (4) from B2-1:b on the bottom and (5) from B2-1:a on the top. Cut (4) stacks of (9) pieces.

Step 2: *Unit B2, Template Layout Sheet #1* is used to sub-cut **(4)** stacks of **(9)** pieces matching the size and shape of the (TLS).

Step 3: The fabric pieces are then sorted and re stacked into **(2)** sets of **(10)** *Fabric B2-1:a* and **(2)** sets of **(8)** *Fabric B2-1:b*. Place **(1)** TLS #1 on the top of each stack.
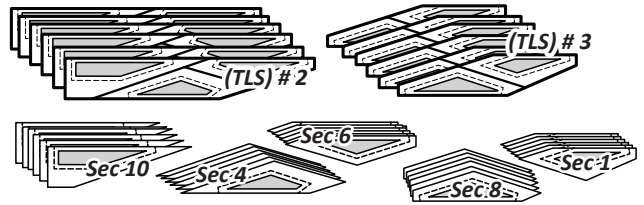

Step 4: To complete the cutting, slice through the paper and fabric on each Cut Line. Clip the pieces together and place into Their assigned Block Group Bags.

- **Bag B1: (10)** Fabric B2-1:a.
- **Bag B2: (10)** Fabric B2-1:a.
- **Bag B3: (8)** Fabric B2-1:b.
- **Bag B4: (8)** Fabric B2-1b.

► Preparing (TLS #2 & #3)

Remove (6) each Unit B2 (TLS) #2 and (TLS) #3 from Template Bag B-002.

Template Layout Sheets #2 & #3 were designed to cut multiple Sec. Templates for the spikes from one color. Since we are using multiple colors for the spikes, both Unit B2 (TLS #2) and (TLS #3) are cut apart on Cut Lines 1 & 2, to separate the individual Sec. Temps on each layout sheet, prior to cutting out your fabrics. Each Sec. Temp is then assigned to a different Fabrics # B2-2:(a to e) Group **(1)** and B2-2:(a to e) Group **(2)**. Example; Sec 1 to Fabric :a. Repositionable glue placed on the backside of each template makes it easier to reposition the templates for multiple cuts.
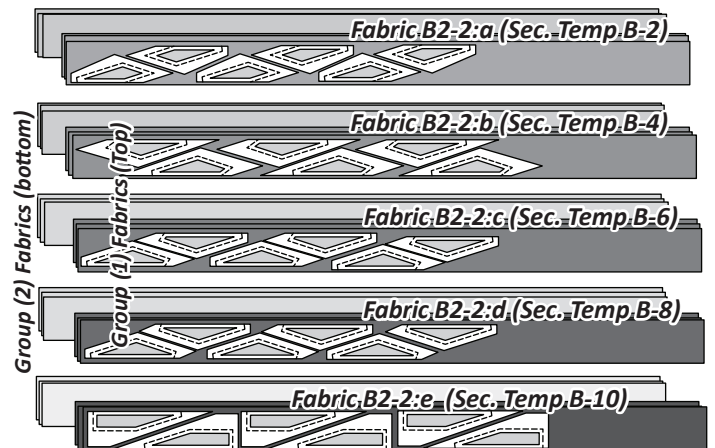

► Fabric B2-2:a, b, c, d, e) Color Groups (1 & 2) (Temp B2, B4, B6, B8, B10)

One 2-1/2" by 42" strip yields enough fabric to cut **(6)** Sec Templates matching the size and shape of each of the Sec Temp lates cut from (TLS #2 and (TLS) #3.

- *Two Color Option: Cut (3) strips from Fabrics B2-2:a to e, from each Color Group (1) and (2). When you are done cutting you should have 18 pieces cut from each Sec. Temp from each Color Group.*

Step 1: You should have **(6)** strips from each *Fabric B2:a to B2:e*, **(3)** from the group **(1)** fabric and **(3)** from the group **(2)** fabric. Stack the strips facing right-side-up. The strips cut from Color Group **(2)** or placed on the bottom of each stack. Color Group **(1)** on top.

Step 2: Pair each Sec. Template up with it's assigned Fabric #, then cut **(6)** pieces from each strip to yield **(18)** pieces per color.

Step 3: After the cutting is completed for each template group, the fabric pieces are restack into **(4)** color groups;
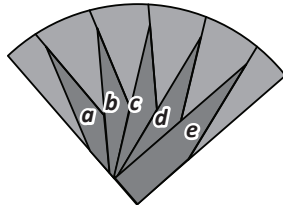
- **(10)** of the Fabric B2-2:a to e, Color Group **(1)**,
- **(10)** of the Fabric B2-2:a to e, Color Group, **(2)**
- **(8)** of the Fabric B2-2:a to e, Color Group **(1)**
- **(8)** of the Fabric B2-2:a to e, Color Group **(2)**.

Graphic follow on the next page.

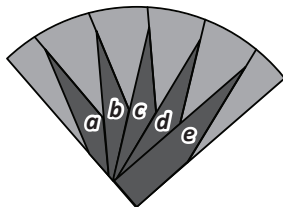# ► Finished Unit B2 Color Groups

► B2-1:a(Color Group 1) [Black Background]
Make (10)

- *B2-2:a(1) [Green Spikes]*
- *B2-2:b(1) [Lime Spikes]*
- *B2-2:c(1) [Yellow Spikes]*
- *B2-2:d(1) [Orange Orange]*
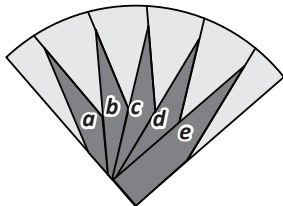- *B2-2:e(1) [Red Orange]*

► B2-1:b(Color Group 2) [Black Background]
Make (10)

- *B2-2:a(2) [Pink Spikes]*
- *B2-2:b(2) [Purple Spikes]*
- *B2-2:c(2) [Blue Spikes]*
- *B2-2:d(2) [Teal Spikes]*
- *B2-2:e(2) [Cyan Spikes]*

► B2-1:a(Color Group 1) [White Background]
Make (8)

- *B2-2:a(1) [Green Spikes]*
- *B2-2:b(1) [Lime Spikes]*
- *B2-2:c(1) [Yellow Spikes]*
- *B2-2:d(1) [Orange Orange]*
- *B2-2:e(1) [Red Orange]*

► B2-1:b(Color Group 2) [White Background]
Make (8)

- *B2-2:a(2) [Pink Spikes]*
- *B2-2:b(2) [Purple Spikes]*
- *B2-2:c(2) [Blue Spikes]*
- *B2-2:d(2) [Teal Spikes]*
- *B2-2:e(2) [Cyan Spikes]*