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Hip To Be Square

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#FilcolanaHipToBeSquare

This sweater, using the entrelac technique, is inspired by Bruno Mathsson's Eva chair. The soft and luxurious blend of Tilia and Paia accentuates the wicker pattern, while exuding comfort, softness, and elegance – just like the chair.

SIZES

S (M) L (XL) 2XL (3XL)

MEASUREMENTS

Fits chest sizes: 80-90 (90-100) 100-110 (110-120)
120-130 (130-140) cm

Chest: 100 (110) 120 (130) 140 (150) cm

Length (measured at center of the back): 56 (56) 60
(60) 62 (62) cm

Sleeve length: 51 (51) 51 (48) 48 (48) cm

GAUGE

15 sts and 22 rows in stockinette on 6 mm needles
= 10 x 10 cm.

20 sts and 22 rows in twisted rib on 5 mm needles
= 10 x 10 cm.

The swatch (see chart) should measure 12 cm in height
and 15 cm in width after washing.

Needlesize is for guidance only.

MATERIALS

Yarn from Filcolana

125 (125) 150 (150) 175 (175) g Paia in col. 702
(Silver Shimmer) and

125 (125) 150 (150) 175 (175) g Paia in col. 703
(Gold Shimmer) and

250 (300) 325 (350) 400 (425) g Tilia in col. 100
(Snow White)

The sweater is worked using 2 strands of Tilia and 1 strand of each Paia colour held together throughout work = 4 strands in total.

5 mm circular needles, 40 cm, and 80-120 cm

6 mm circular needles, 60 and 80-120 cm

5 mm and 6 mm double pointed needles

3 mm circular needles or string for Turkish cast-on

Stitch holders

Techniques

ABBREVIATIONS

st(s): stitch(es)

k: knit

p: purl

RS: right side

WS: wrong side

tog: together

tbl: through the back loop of st

Sl1 pw wyib

Slip 1 st purl-wise with yarn in back.

Sl1 pw wyif

Slip 1 st purl-wise with yarn in front.

M1L - Left slanted increase

From the front, lift the horizontal strand between stitches with the left needle and knit through the back loop (1 st increase).

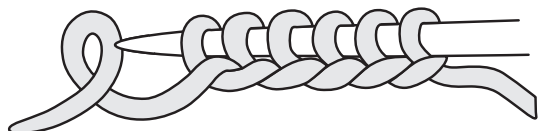
Ssk - Left leaning decrease

Slip one st knit-wise, slip one st knit-wise, slip both sts back onto the left needle and knit them together through the back loop.

SPECIAL TECHNIQUES

Backward loop cast on

Hold your working yarn over your right index finger, bend the index finger towards you. This will create a loop around your finger. Insert the tip of your right-hand needle into the back of the new loop and release it onto the needle. Repeat this till you have the required number of stitches.



German short rows (GSR)

Slip 1st st onto right-hand needle with yarn in front. Tug the yarn up and over the right-hand needle (away from yourself). This creates a double stitch. Continue working the row as instructed in the pattern. On next row work the double sts together as either k2tog or p2tog depending on what the stitches indicate. This technique is called German short rows.

Turkish cast-on

Hold 2 strands of Paia and 2 strands of Tilia together and make a slipknot, as you would for a regular long-tail cast-on. Hold the 6 mm circular needle and the 3 mm circular needle (or stitch holder) parallel in your left hand, with the smaller needle lying underneath the larger mm needle. Place the slipknot on the smaller needle. Now wrap the yarn around both needles as follows:

Hold on to the slipknot and bring the yarn under both needles away from yourself and over the needles towards yourself. Each wrap counts as 1 st. Wrap tightly around the needles for the desired number of sts, EXCLUDING the slipknot you are holding. Loop the yarn around your index finger, hold it tightly, and pull the smaller needle so that the stitches remain on the cable of that circular needle instead. Using the other end of the 6 mm circular needle, knit all the sts on this needle. This side is the RS of your work. Now, follow the instructions of the pattern over these sts. Let the smaller circular needle hang in the open sts; these will be worked with the correct size needle when the pattern indicates it.

Italian bind off

Break the yarn, leaving a length approx. 3 times the length of the ribbing that needs to be bound off. Thread a tapestry needle with the yarn end.

1. Insert the needle into the first knit stitch on the left needle as if to purl, pulling the yarn through.
 2. Insert the needle between the first and second stitches from the back to the front.
 3. Insert the needle through the second stitch from the front to the back.
 4. Insert the needle into the first stitch as if to knit and slip the stitch off the needle.
 5. On the front side, insert the needle from right to left into the front loop of the second stitch, pulling the yarn through.
 6. Insert the needle into the first stitch as if to purl and slip the stitch off the needle.
- Repeat steps 2-6 until there is 1 purl stitch left on the left needle.
- Finish:**
7. From the RS, insert the needle from right to left into the first bound-off stitch, pull the yarn through.
 8. Repeat step 7.

Weave in the end carefully.



Workflow

The sweater is knitted top-down using the Entrelac technique.

The yoke is worked back and forth. The shoulder sections are knitted in stockinette with short rows to create a slanting shoulder seam.

The left and right fronts are knitted separately while shaping the neckline and joined at the front bottom of the neckline.

Then, the front is knitted down to the armholes, and while the front sts rest, the back piece is knitted in the same way. First, the left and the right side of the neckline are knitted separately to shape the neck, then the pieces are joined, and the back is knitted down to the armholes.

The front and back are joined, and the body is then knitted in the round, ending with a twisted rib and Italian bind off.

Sts are then picked up along the armhole, and the sleeve is knitted straight down and with decreases just before the ribbing to create a balloon, which is worked in twisted rib.

Finally, sts are picked up along the neckline, and the neckband is worked in twisted rib in the round. The ribbing is folded to the back and joined with the picked-up sts while closing the edge.

Explanation of the Entrelac pattern structure

The sweater is worked using the Entrelac technique. The Entrelac pattern consists of triangles and squares that are knitted individually, one at a time, until the entire row is complete.

The knitting direction alternates between right and left for each row. At the beginning, end, and sides, the squares will only be knitted halfway, creating either wide or tall triangles. Each type of square or triangle has its own number, and their placement is indicated on charts for each size, find the description at the end of this pattern.

CHART

Each size has its own chart.

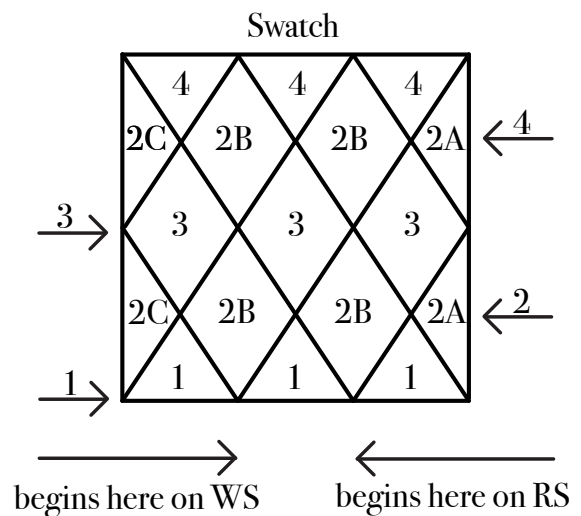
Read the chart from bottom and up, from right to left on the RS and from left to right on the WS.

The arrows indicate the knitting direction and the number of each row.

SWATCH

Cast on 18 sts with ordinary long-tail cast-on.

Squares and triangles are knitted as indicated by the numbers in the chart. Explanations for these are provided at the end of this pattern.



Pattern

LEFTFRONT

With the Turkish cast-on technique cast on 18 sts, knit these 18 sts as described, turn work to WS.

Now the Entrelac technique pattern begins, like this:

1st row (WS): Knit Triangle-1 over the 18 sts = 3 triangles in total, with the tip pointing upwards as shown in chart.

Follow the chart for your chosen size and knit the following rows like this:

2nd row: Knit Triangle-2A once, Square-2B twice, and Triangle-2C once.

3rd row: Knit Square-3 3 times.

4th row: Knit Triangle-2A once, Square-2B twice, and Triangle-2C once.

5th row: Work as 3rd row.

At the end of last repeat of Square-3, cast on 5 new sts using the backward loop cast on technique (these new sts will be worked once the front pieces are joined).

Break yarn and slip the sts onto a stitch holder while working the right front.

RIGHTFRONT

With the Turkish cast-on technique cast on 18 sts, knit these 18 sts as described.

To shape the slanting shoulder seam work German short rows in this side before starting the Entrelac pattern, like this:

1st row (WS): P14, turn work.

2nd row: Work a German short row (GSR), k13.

3rd row: P10, turn work.

4th row: Work a GSR, k9.

5th row: P5, turn work.

6th row: Work a GSR, k4.

Now begin the Entrelac pattern, like this:

1st row (WS): Knit Triangle-1 over the 18 sts = 3 triangles in total, with the tip pointing upwards as shown in chart.





Follow the chart and knit the following rows like this:

2nd row: Knit Triangle-2A once, Square-2B twice, and Triangle-2C once.

3rd row: Work Square-3 3 times.

4th row: Knit Triangle-2A once, Square-B twice and Triangle-2C once.

5th row: Knit as 3rd row.

Slip the resting sts onto another needle so they are ready to be worked.

The fronts are joined like this:

6th row (starting from the RS): Knit Triangle-2A once, Square-2B twice, Square-2D once, Triangle-2E 2 (2) 2 (2) 3 (3) times, continue over the resting sts on left front like this: Knit Square-2F (the backward loop cast on sts) once, Square-2B twice, and Triangle-2C once.

The fronts are now joined, and you have 54 (54) 54 (54) 60 (60) sts on your needles.

7th row: Knit Square-3 9 (9) 9 (9) 10 (10) times.



At the end of last repeat of Square-3, cast on 5 new sts using the backward loop cast on technique

Armhole

8th row: Knit Square-2F once, Square-2B 8 (8) 8 (8) 9 (9) times, and Square-2D once.

Only size M

8th row (continued): Knit Triangle-2E once (in continuation of Square-2D).

Only sizes L, XL, 2XL, and 3XL

9th row: Knit Square-3A once, Square-3 9 (9) 10 (10) times, Square-3B once, and Triangle-1A 1 (2) 2 (3) times.

All sizes

Break yarn.

Slip all the 60 (66) 72 (78) 84 (90) sts onto a stitch holder and let them rest while working the back.

BACK

Right shoulder

Slip the open sts from the cast-on to a 6 mm needle, join yarn to RS and k18.

1st row (WS): Knit Triangle-1 over the 18 sts = 3 triangles in total.

Break yarn and let the sts rest on a stitch holder or extra needle.

Left shoulder

Slip the open sts from the cast-on edge onto a 6 mm needle, join yarn to RS and work short rows to shape the slanting shoulder, like this:

1st row (RS): K18.

2nd row: P14, turn work.

3rd row: Work a GSR, k13.

4th row: P10, turn work.

5th row: Work a GSR, k9.

6th row: P5, turn work.

7th row: Work a GSR, k4.

Now begin the Entrelac pattern, like this:

1st row (WS): Knit Triangle-1 over the 18 sts = 3 triangles in total.

At the end of last repeat of Triangle-1, cast on 5 new sts using the backward loop cast on technique (these new sts will be worked once the front pieces are joined).

The back is joined, like this:

Continue according to the back chart, like this:

2nd row (RS): Knit Triangle-2A once, Square-2B twice, Square-2D once, Triangle-2E 2 (2) 2 (2) 3 (3) times, continue over the resting sts on the right shoulder like this: Square-2F once (the backward loop cast on sts), Square-2B twice, Triangle-2C once.

The back is now joined, and you have 54 (54) 54 (54) 60 (60) sts on your needle.

3rd row (WS): Knit Square-3 9 (9) 9 (9) 10 (10) times.

4th row: Knit Triangle-2A once, Square-2B 8 (8) 8 (8) 9 (9) times, and Triangle-2C once.

5th row: Knit as 3rd row.

6th row: Knit as 4th row.

7th row: Knit as 3rd row.

Armhole

8th row (RS): Knit Square-2F once, Square-2B 8 (8) 8 (8) 9 (9) times, and Square-2D once.

Only size M

8th row (continued): Knit Triangle-2E once (in continuation of Square-2D).

Only sizes L, XL, 2XL, and 3XL

9th row: Knit Square-3A once, Square-3 9 (9) 10 (10) times, Square-3B once, and Triangle-1A 1 (2) 2 (3) times.

All sizes

BODY

Now the body is joined by first working the back sts and then the front sts. The transitions between the pieces are located after the 10th (11th) 12th (13th) 14th (15th) square and after the 20th (22nd) 24th (26th) 28th (30th) square.

Only sizes S and M

Turn work, so that the next row is a WS row.



9th row (WS): Work a GSR, p5, knit Square-3 20 (22) times, note that you pick up 5 sts in every Square-3.
After last square, turn work to RS and work a GSR, k5.

All sizes

10th row (RS): Knit Square-2B 20 (22) 24 (26) 28 (30) times.
After last square, turn work and work a GSR, p5.

11th row (WS): Knit Square-3 20 (22) 24 (26) 28 (30) times, note that you pick up 5 sts in every Square-3.
After last square, turn work to RS and work a GSR, k5.

Repeat rows 10 and 11 another 3 (3) 4 (4) 4 (4) times.

Only sizes S, M, 2XL, and 3XL

Knit 10th row once more.

Next row (WS): Knit Triangle-4 20 (22) - (-) 28 (30) times in total. Turn work to RS.

Next round (RS): Work a GSR, knit all sts, work each short row st and its matching st together as you go.



Only sizes L, and XL

Next row (RS): Knit Triangle-5 - (-) 24 (26) - (-) times in total.

Next round: Knit all sts, work each short row st and its matching st together as you go.

All sizes

Work now measures approx. 51 (51) 54 (54) 57 (57) cm.

Change to 5 mm needles.

Ribbing

Work 5 cm in twisted rib (k1 tbl, p1).

To continue the stitch pattern before binding off for Italian bind off, work 2 rounds in double knitting, like this:

1st round: *k1 tbl, sl1 pw wyif*, repeat from * to * over all sts.

2nd round: *sl1 pw tbl wyib, p1*, repeat from * to * over all sts.

Bind off with italian bind off technique.

SLEEVES

With 6 mm needles, from the RS, pick up sts along the armhole, starting at the bottom of the armhole, between the horizontal bottom and the sloping part, pick up 6 (6) 3 (3) 3 (3) sts for each section along the diagonal section, 6 sts for each section along the vertical edge of the front and the back, 6 (6) 3 (3) 3 (3) sts for every section along the diagonal part, and 6 sts in every section at the bottom of the armhole = 48 (54) 54 (60) 60 (66) sts in total.

The sleeve is worked in the round, as the body.

1st row (WS): Knit Triangle-1 8 (9) 11 (12) 12 (13) times.

After last triangle turn work and knit 6 sts.

2nd row (RS): Knit Square-2B 8 (9) 11 (12) 12 (13) times.

After last square turn work and purl 6 sts.

3rd row: Knit Square-3 8 (9) 11 (12) 12 (13) times, note that you only pick up 5 sts for every Square-3.

After last square turn work and knit 6 sts.

Repeat 2nd-3rd rows 6 (6) 6 (5) 5 (5) times more.

Only sizes XL, 2XL, and 3XL

Knit the 2nd row once more.

Next row (WS): Knit Triangle-4, - (-) - (12) 12 (13) times in total. Turn work to RS.

Next round (RS): Work a GSR, knit all sts, work each short row st and its matching st together as you go.

Only sizes S, M, and L

Next row (RS): Knit Triangle-5 a total of 8 (9) 11 times.

Next round: Knit all sts, work each short row st and its matching st together as you go.

All sizes

Change to 5 mm needles.

Ribbing

Next round: Knit twisted rib (k1 tbl, p1), **AT THE SAME TIME** decrease 16 (20) 18 (22) 20 (24) sts evenly on round = 32 (34) 36 (38) 40 (42) sts.

Continue till the ribbing measures 6 (6) 6 (7) 7 (7) cm.

To continue the stitch pattern in the bind off, work 2 rounds in double knitting, like this:

1st round: *k1 tbl, sl1 pw wyif*, repeat from * to * over all sts.

2nd round: *sl1 pw tbl wyib, p1*, repeat from * to * over all sts.

Bind off with Italian bind off.

NECKBAND

With 5 mm needles and from the RS, pick up sts along the neck opening like this:

Starting at the RS of the neck, between the stockinette sts and Triangle-1, pick up 25 (25) 25 (25) 27 (27) sts along the neck, 24 sts along the side of the neck to the bottom of the neck opening, 11 (11) 11 (11) 15 (15) sts along the bottom of the neck opening, and 24 sts along the other side of the neck = 84 (84) 84 (84) 90 (90) sts.

Knit twisted rib (k1 tbl, p1) in the round till the ribbing measures 9 cm.



Now bind off the neckband while simultaneously attaching it to the cast-on edge, like this:

Fold the ribbing inside out and knit the sts on the needle together with the sts on the 1st rib round. Knit the 1st st on the needle together with the 1st rib st directly below it. Knit the next st together with the next rib st from the 1st rib round. Pull the 1st knitted st over the 2nd knitted st to bind it off. Repeat this over all sts till all sts are bound off. Be careful not to make the bind off too tight. Break yarn and weave in all ends. Alternatively, bind off the ribbing in a regular manner and sew it onto the back afterwards.

FINISHING

Weave in all loose ends.

Wash the sweater according to the washing instructions on the labels and lay it flat to dry on a towel.

INSTRUCTIONS FOR TRIANGLES AND SQUARES

Triangle-1 (Broad triangle with the tip pointing upwards, knitting direction left to right).

1st row (WS): P2, turn and let the remaining sts rest on the needle.

2nd row: Work a GSR, k1, turn.

3rd row: P3, turn.

4th row: Work a GSR, k2, turn.

5th row: P4, turn.

6th row: Work a GSR, k3, turn.

7th row: P5, turn.

8th row: Work a GSR, k4, turn.

9th row (WS): P6, do NOT turn.

1st-9th row makes a triangle.

After the 9th row continue over the next 2 resting sts. Repeat 1st-9th rows until all sts on the needles have been worked. Turn work.

Triangle-1A (Broad triangle with the tip pointing upwards, knitting direction left to right)

In continuation of the last square on the WS, cast on 6 sts using backward loop cast on, turn work.

1st row (RS): K6, turn work.

Continue like Triangle-1.

Triangle-2A (Tall triangle, left side is vertical, knitting direction is right to left).

1st row (RS): K2, turn work.

2nd row: S11 pw wyif, p1, turn work.

3rd row: K1, M1L, ssk, turn work.

4th row: S11 pw wyif, p2, turn work.

5th row: K1, M1L, k1, ssk, turn work.

6th row: S11 pw wyif, p3, turn work.

7th row: K1, M1L, k2, ssk, turn work.

8th row: S11 pw wyib p4, turn work.

9th row (RS): K1, M1L, k3, ssk, do NOT turn work.

Square-2B (Square with knitting direction from right to left)

1st row (RS): Starting at the top right corner of the triangle/square below, pick up 5 sts along the left side of the triangle/square below, knit 1 st (of the next triangle/square), turn work.

2nd row: S11 pw wyif, p5, turn work.

3rd row: K5, ssk (the last st of this square is worked together with the 1st st of the next square), turn work.



Repeat 2nd and 3rd row 4 times more, till all the sts from the next square have been worked into this square.

Triangle-2C (Tall triangle, left side is vertical, knitting direction is from right to left)

1st row (RS): Starting at the top right corner of the triangle/square below, pick up 6 sts along the left side of the triangle/square, turn work.

2nd row: P2tog, p4, turn work.

3rd row: K5, turn work.

4th row: P2tog, p3, turn work.

5th row: K4, turn work.

6th row: P2tog, p2, turn work.

7th row: K3, turn work.

8th row: P2tog, p1, turn work.

9th row: K2, turn work.

10th row (WS): P2tog, do NOT turn.

You are now working on the WS of work, with 1 st on your right-hand needle and the remaining sts on the left-hand needle.

Square-2D (Square with knitting direction from right to left)

1st row (RS): Starting at the top right corner, pick up 6 sts along the left side of Square-3, from the row below, turn work.

2nd row: P6, turn work.

3rd row: K6, turn work.

Repeat 2nd-3rd rows 4 times more, last row is a RS row.

Triangle-2E (Broad triangle with the tip pointing upwards, knitting direction from right to left)

In continuation of the sts on the needle, cast on 6 sts using backward loop cast on, turn work.

1st row (WS): P6, turn work.

2nd row: K2, turn work.

3rd row: Work a GSR, p1, turn work.

4th row: K3, turn work.

5th row: Work a GSR, p2, turn work.

6th row: K4, turn work.

7th row: Work a GSR, p3, turn work.

8th row: K5, turn work.

9th row: Work a GSR, p4, turn work.

10th row (RS): K6, do NOT turn.

Square-2F (Square with knitting direction from right to left)

1st row (RS): K5 and k1 st from the next square.

2nd row: S11 pw wyif, p5, turn work.

3rd row: K5, ssk (work the last st of this square together with the 1st st of the next square), turn work.

Repeat 2nd-3rd row 4 times more till all the sts of the next square have been worked together with the sts of this square.

Square-3 (Square with knitting direction from left to right)

Pick up sts, from left to right, as follows:

Hold the yarn over the left index finger, *insert the right-hand needle into work where the new st should be placed, pick up the yarn and pull it through, move the new st from the right-hand needle to the left*, repeat from * to * for the desired number of sts.

1st row (pick up row): Starting at the RS in lower top left corner of the square below, pick up 4 sts along the left side of the square, turn work and purl 1 st of the next square, turn work.

2nd row: S11 knit-wise wyib, k5, turn work.

3rd row: P5, p2tog (the last st of this square is worked together with the 1st st of the next square), turn work. Repeat 2nd-3rd row 4 times more till all the sts of next square have been worked together with the sts of this square.

Work the next squares the same way, only picking up 5 sts at the start of these squares instead of 4 sts.

Square-3A (Square with knitting direction from left to right)

From the RS, cast on 5 sts using the backward loop cast on technique, in continuation of the last left turned square.

1st row (WS): P5, purl 1 st of the next square, turn work.

2nd row: S11 knit-wise wyib, k5, turn work.

3rd row: P5, p2tog (work the last st of this square together with the 1st st of the next square), turn work.

Repeat 2nd-3rd row 4 times more till all the sts of the next square have been worked together with this square.



Square-3B (Square with knitting direction from left to right)

1st row (WS): Starting at the top right corner of the square below, pick up 6 sts along the right-hand side of the square, turn work.

2nd row: K6, turn work.

3rd row: P6, turn work.

Repeat 2nd-3rd row 4 times more.

Triangle-4 (Broad square with the tip pointing downwards, knitting direction from left to right)

1st row (WS): Starting at the top right corner of the square below, and with the right-hand needle pick up 5 sts along the right-hand side of the square, purl 1st st of the next square, turn work.

2nd row: Sl1 knit-wise wyib, k5, turn work.

3rd row: Work a GSR, p4, p2tog (work the last st of this square together with the 1st st of the next square), turn work.

4th row: Sl1 knit-wise wyib, k4, turn work.

5th row: Work a GSR, p3, p2tog (work the last st of this square together with the 1st st of the next square), turn work.

6th row: Sl1 knit-wise wyib, k3, turn work.

7th row: Work a GSR, p2, p2tog (work the last st of this square together with the 1st st of the next square), turn work.

8th row: Sl1 knit-wise wyib, k2, turn work.

9th row: Work a GSR, p1, p2tog (work the last st of this square together with the 1st st of the next square), turn work.

10th row: Sl1 knit-wise wyib, k1, turn work.

11th row: Work a GSR, p2tog (work the last st of this square together with the 1st st of the next square).

Triangle-5 (Broad square with the tip pointing downwards, knitting direction from right to left)

1st row (RS): Starting at the top right corner of the square below, pick up 5 sts along the left side of the square, knit 1st st of the next square, turn work.

2nd row: Sl1 pw wyif, p5, turn work.

3rd row: Work a GSR, k4, ssk (work the last st of this square together with the 1st st of the next square), turn work.

4th row: Sl1 pw wyif, p4, turn work.

5th row: Work a GSR, k3, ssk (work the last st of this square together with the 1st st of the next square), turn work.

6th row: Sl1 pw wyif, p3, turn work.

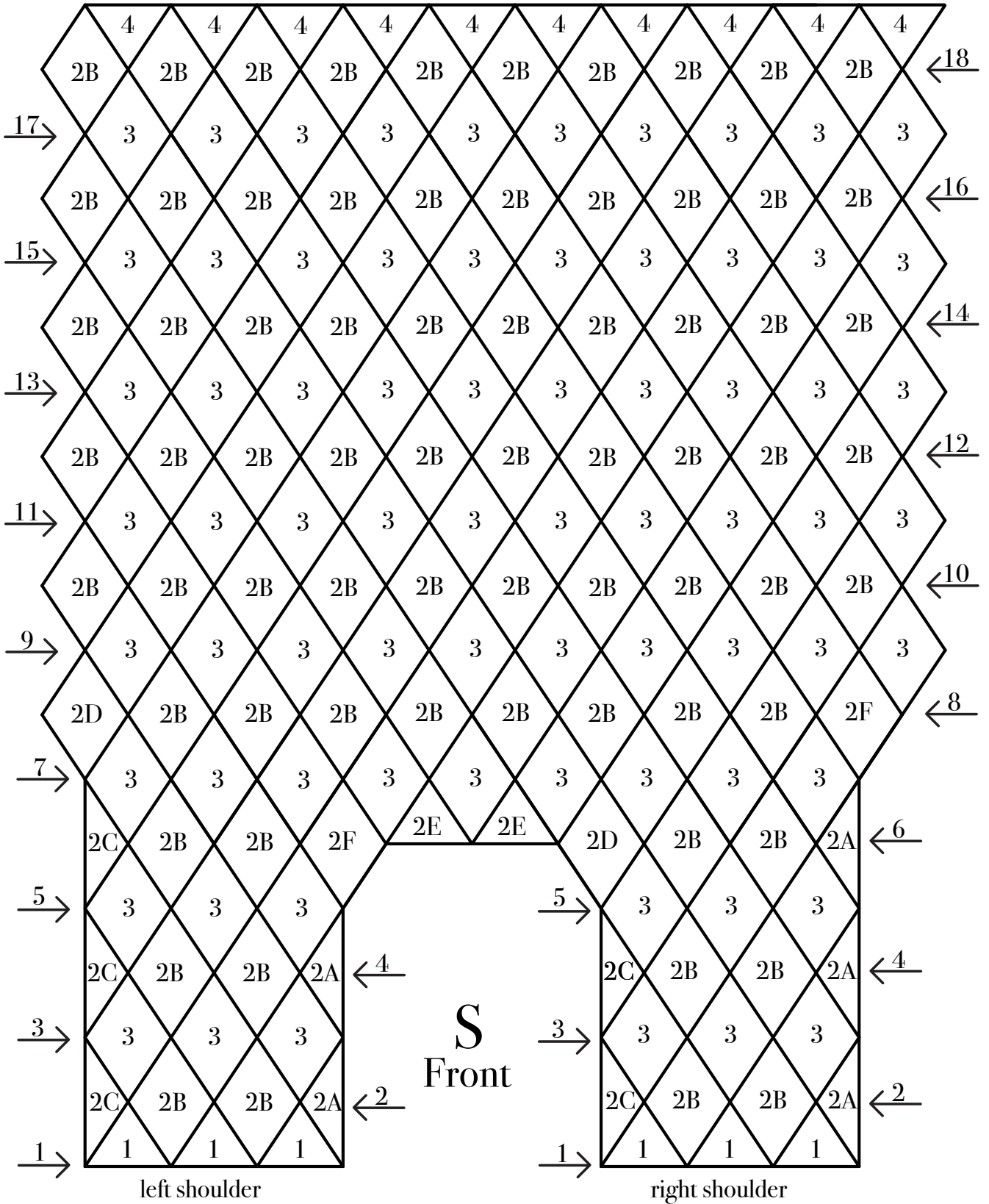
7th row: Work a GSR, k2, ssk (work the last st of this square together with the 1st st of the next square), turn work.

8th row: Sl1 pw wyif, p2, turn work.

9th row: Work a GSR, k1, ssk (work the last st of this square together with the 1st st of the next square), turn work.

10th row: Sl1 knit-wise wyib, p1, turn work.

11th row: Work a GSR, ssk (work the last st of this square together with the 1st st of the next square).



S
Front

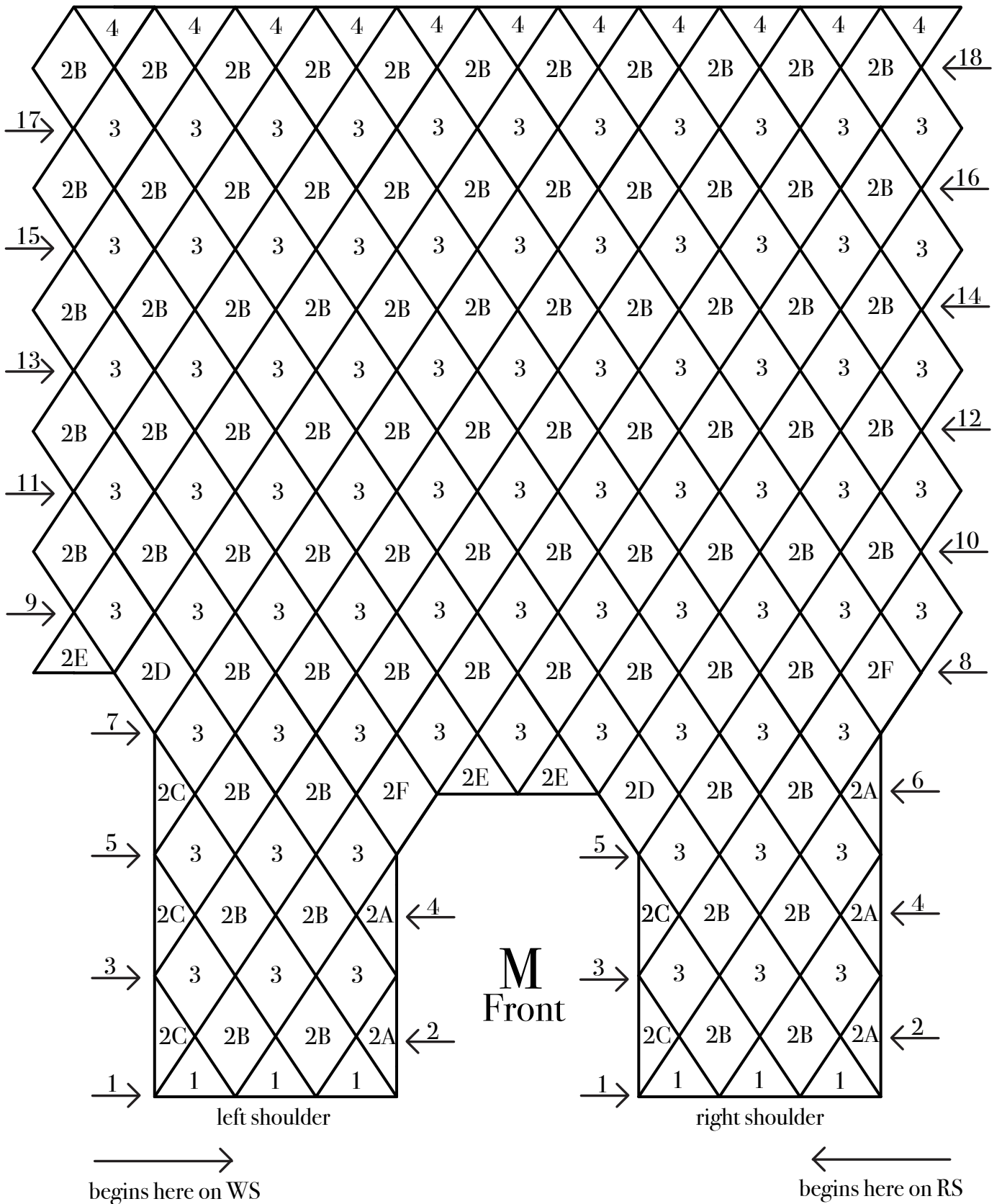
left shoulder

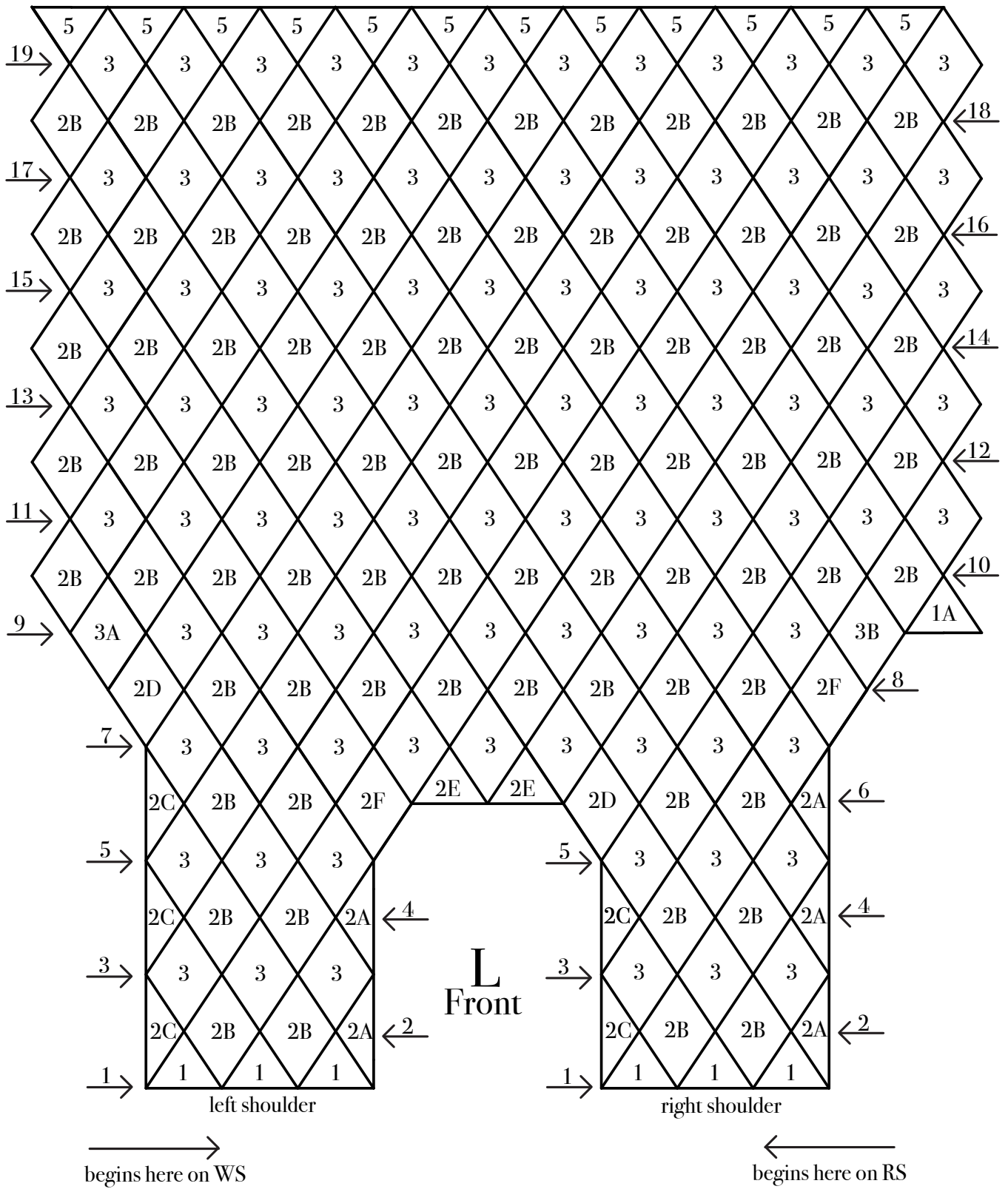
right shoulder

→
begins here on WS

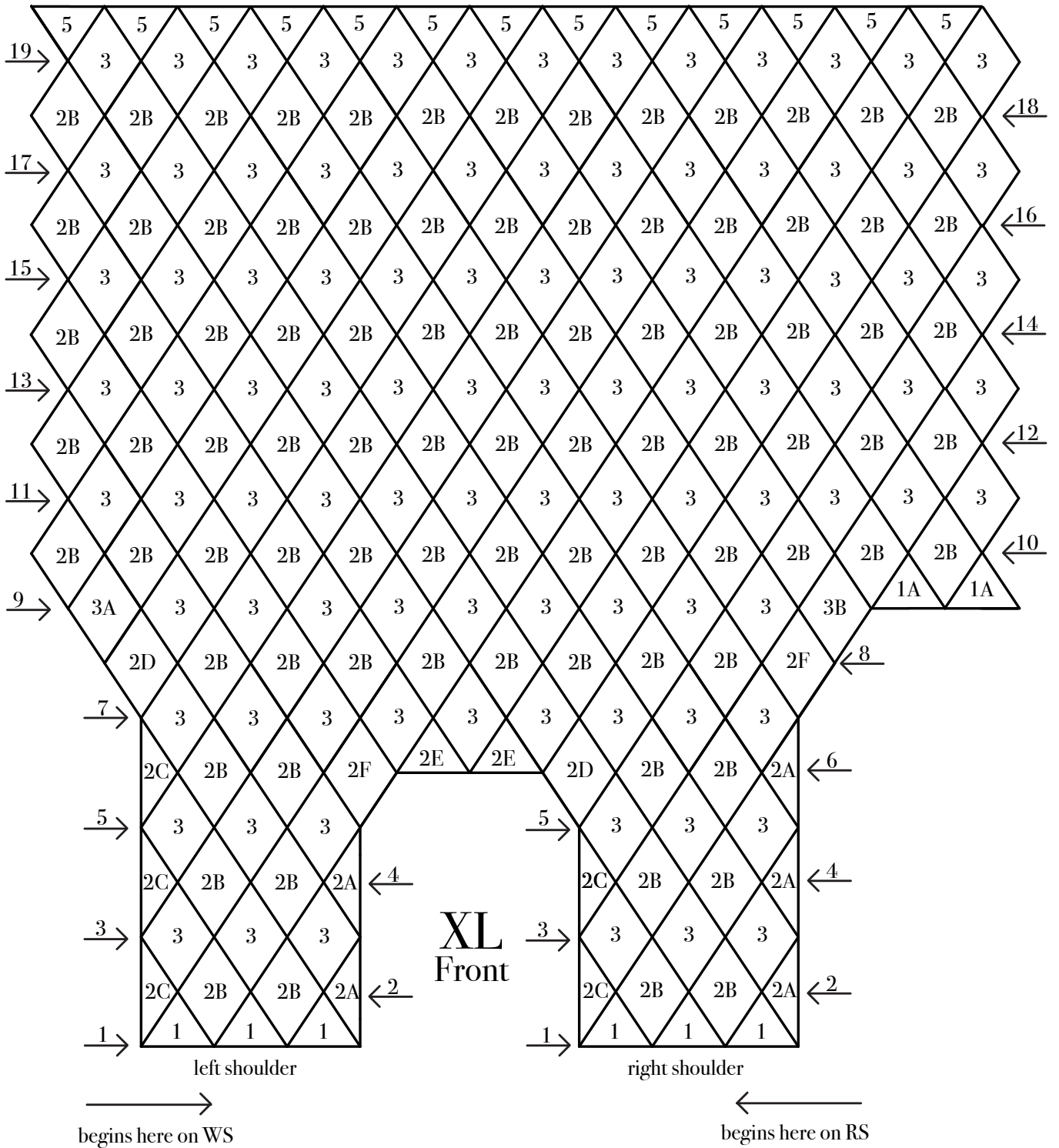
←
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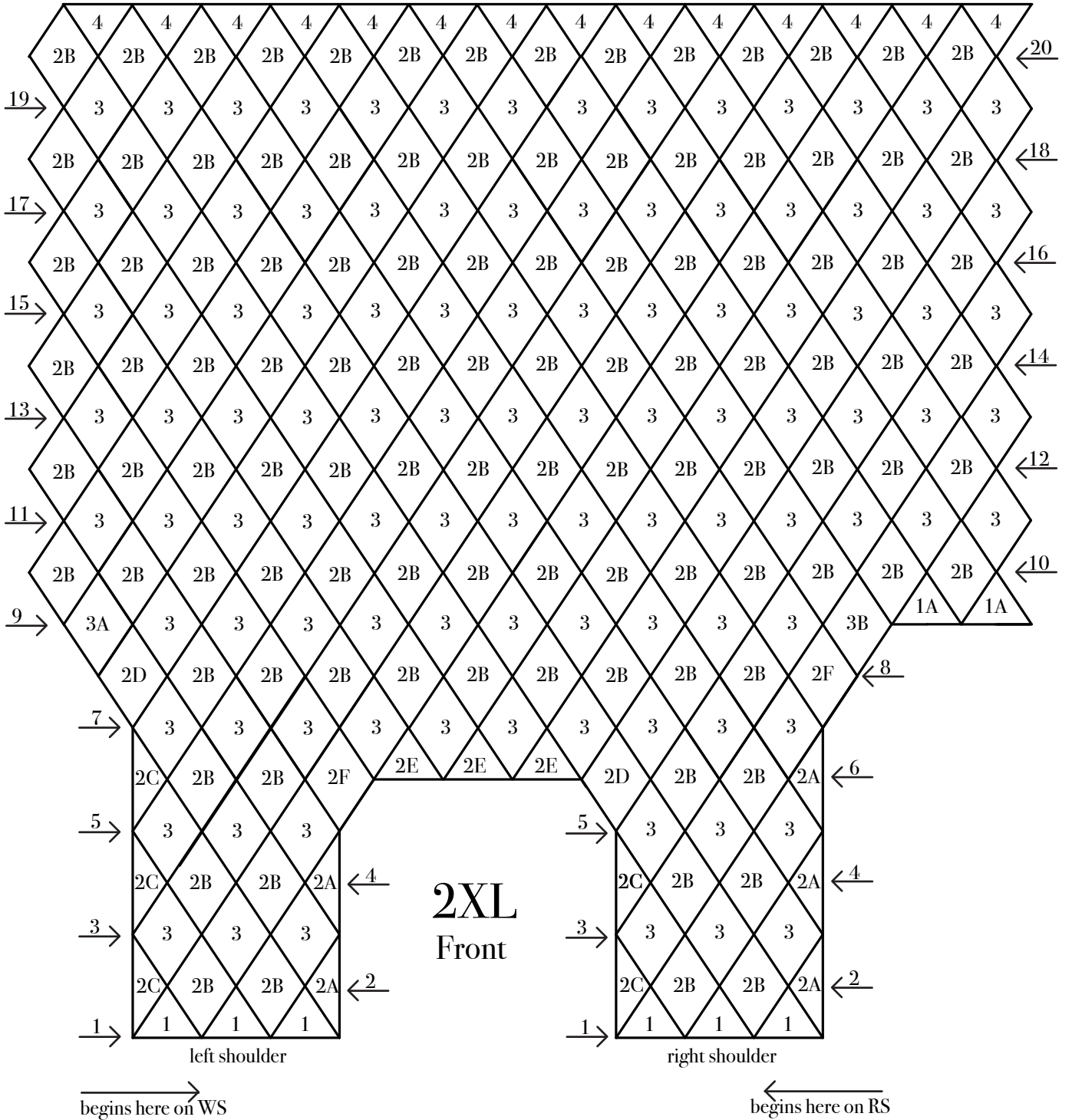




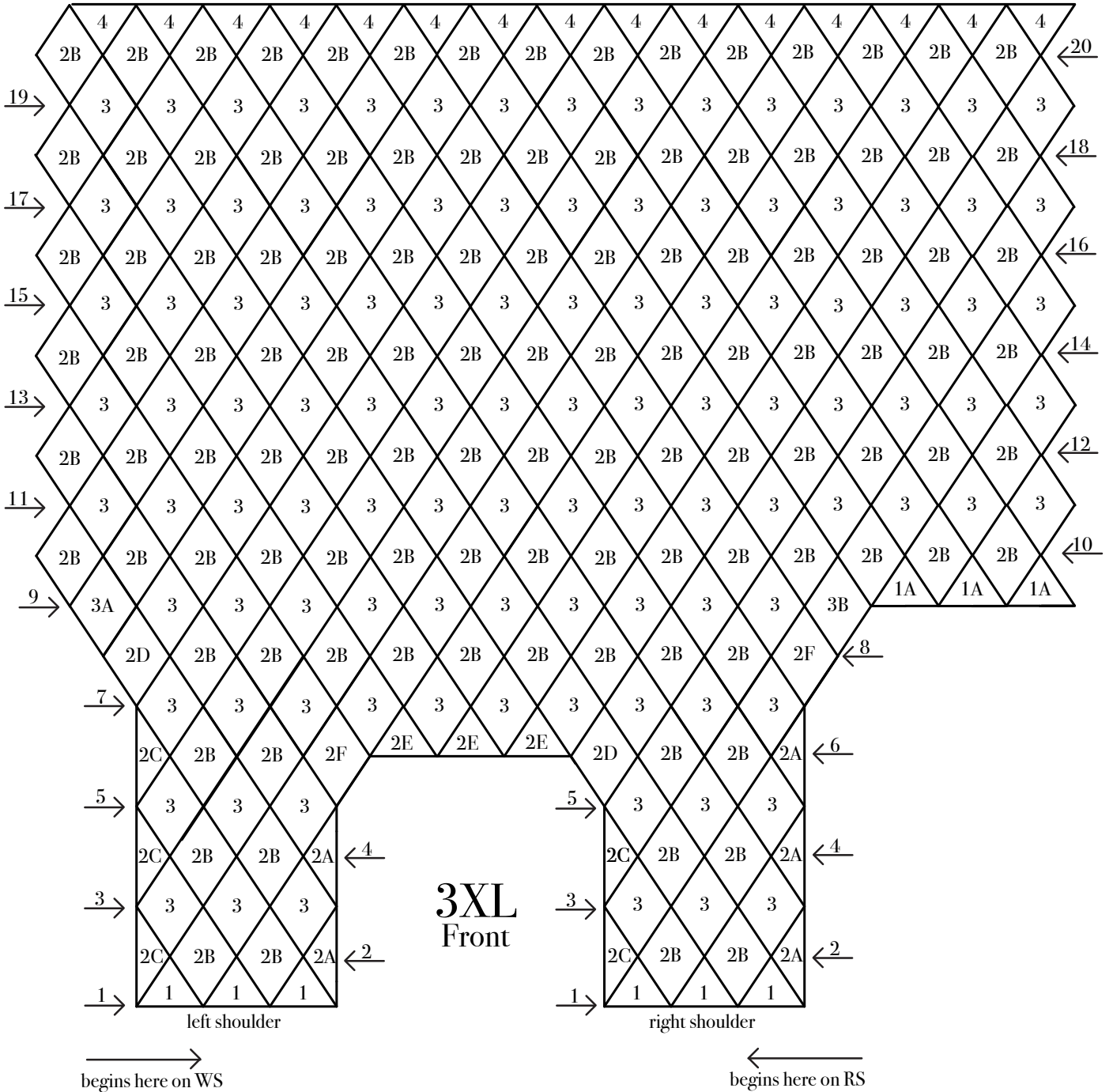
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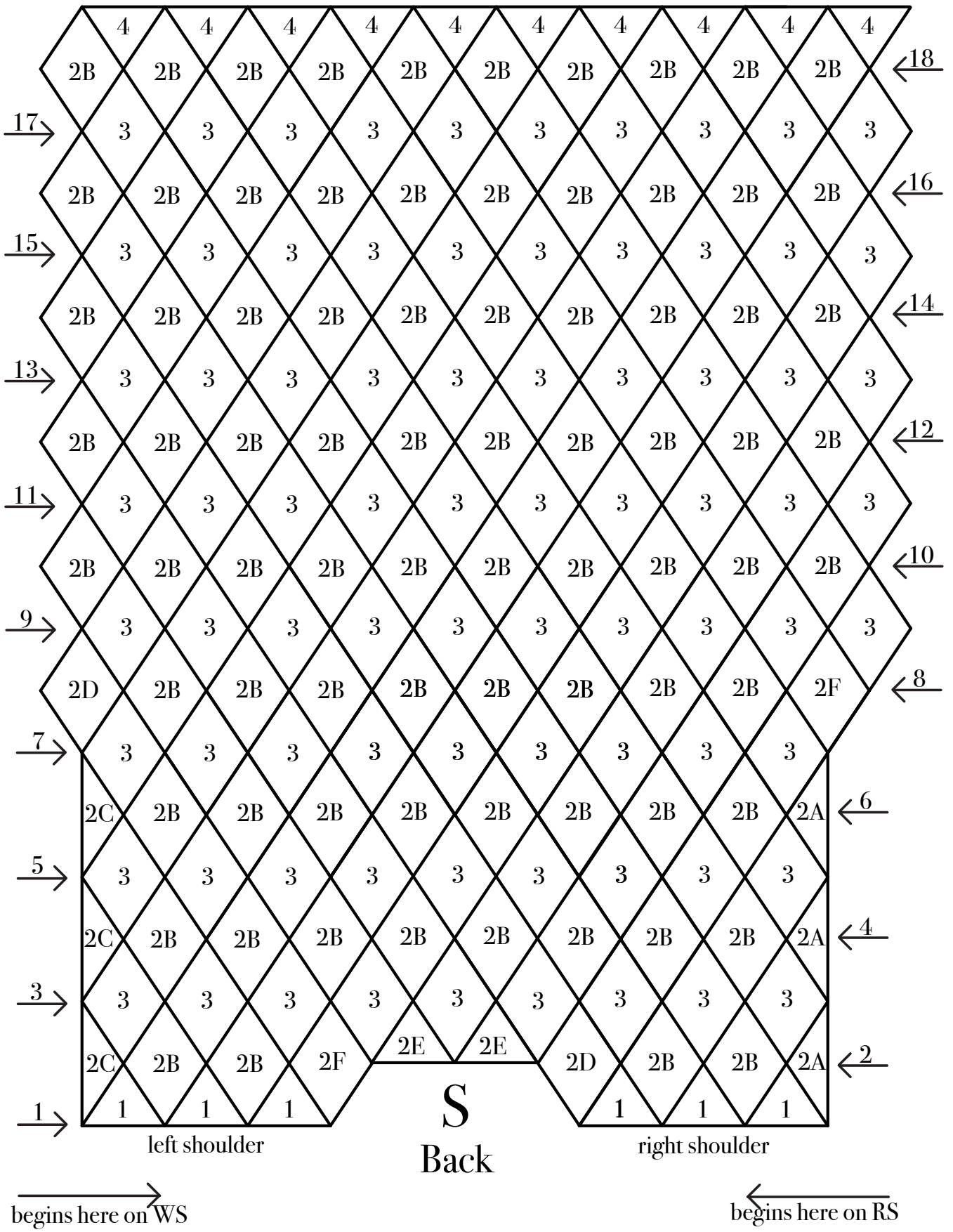


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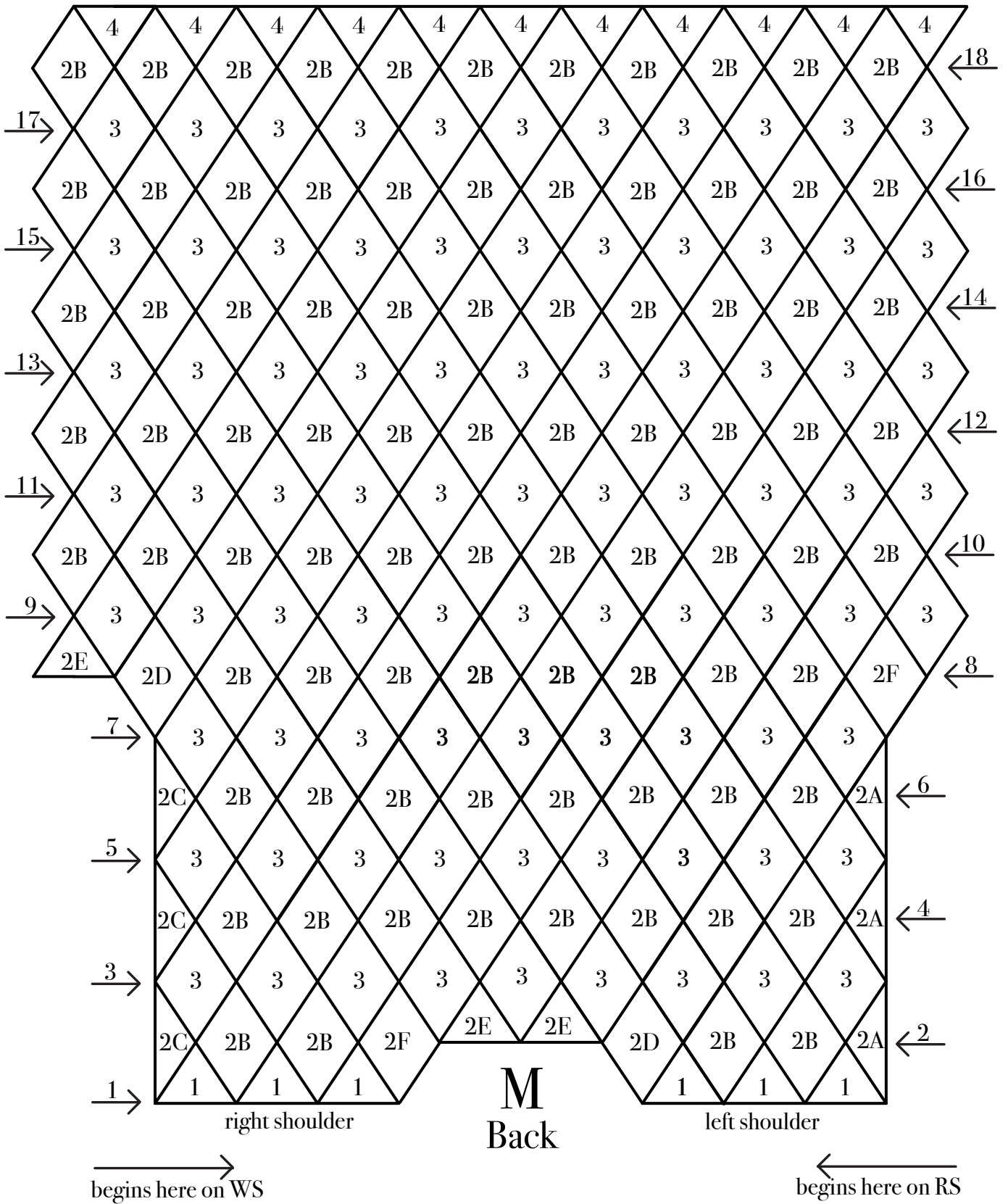


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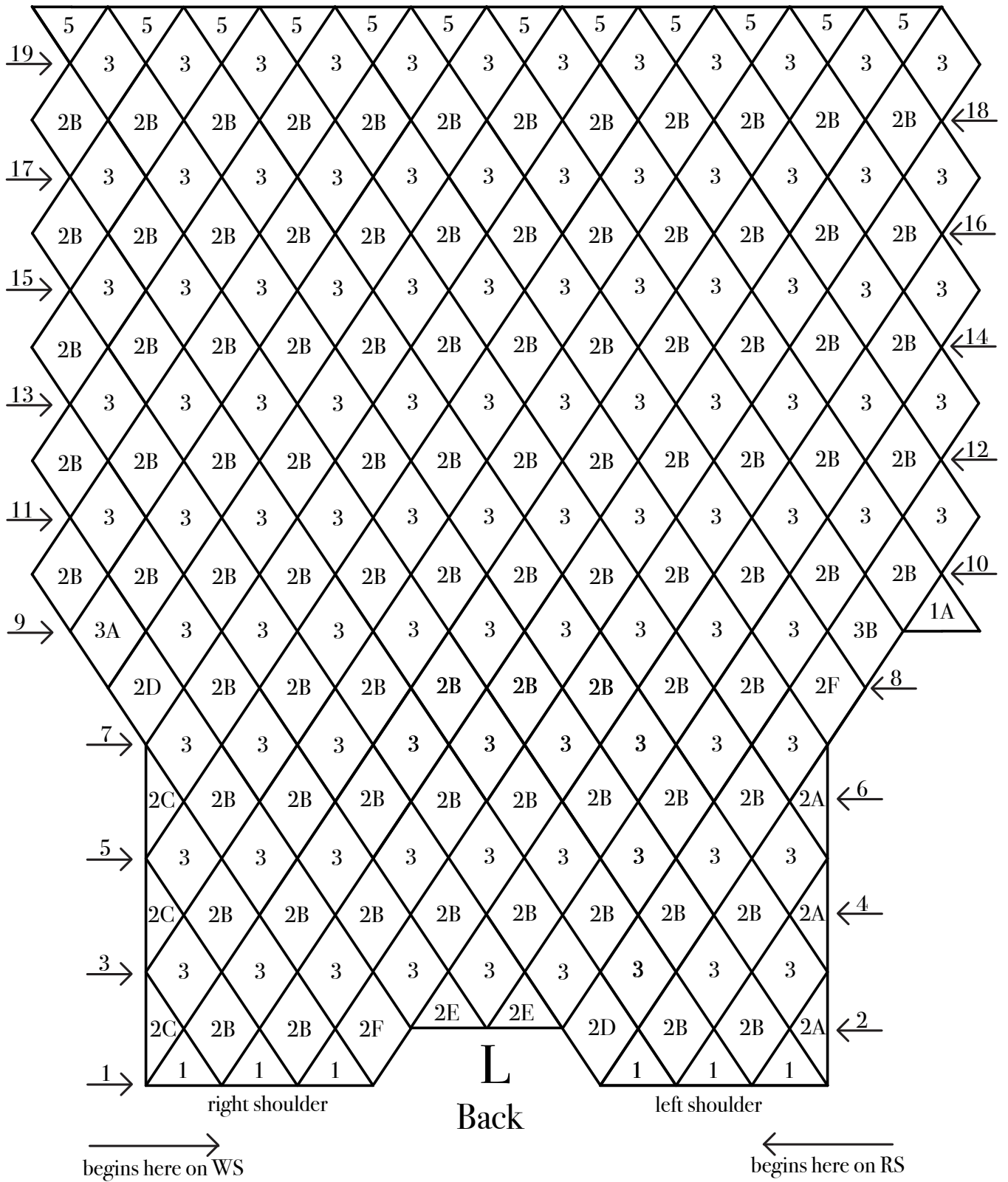




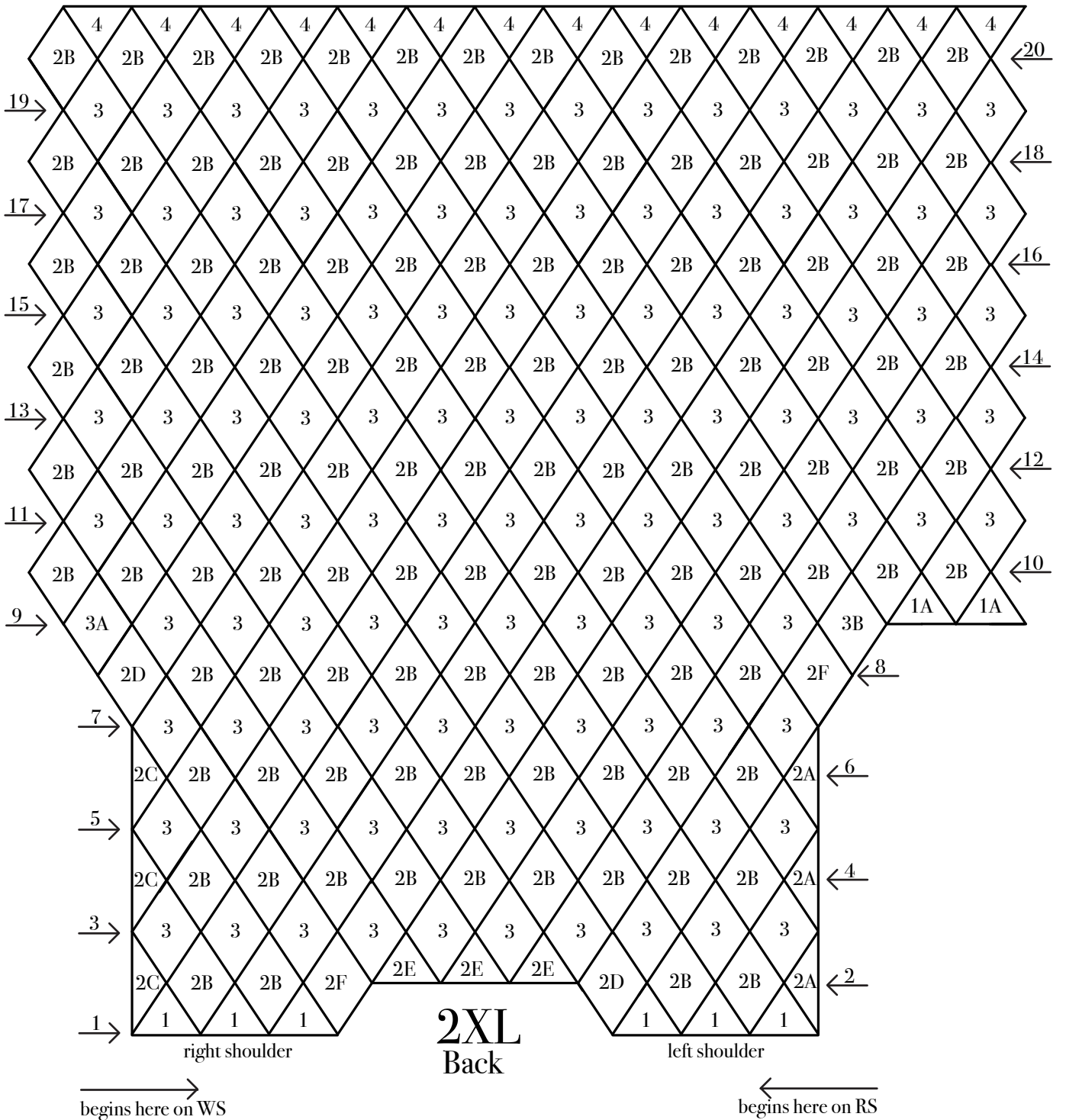
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