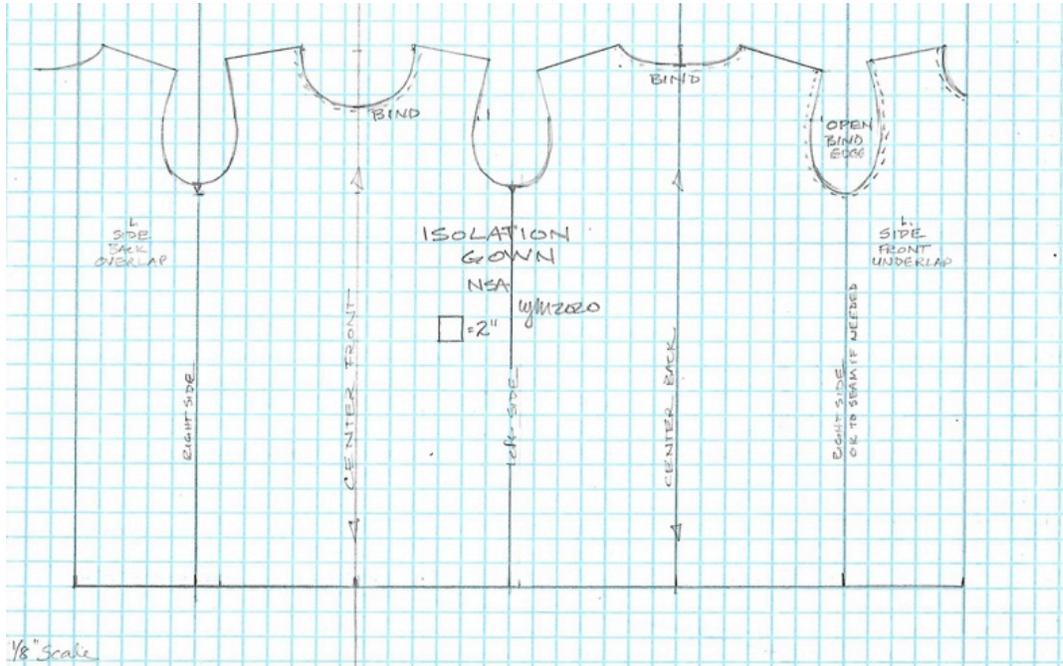
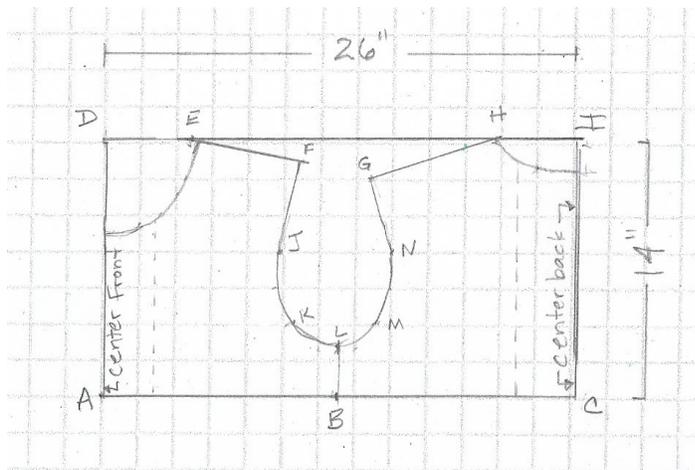


There are two ways to make a full size pattern from the scale pattern on graph paper. For either, you can use craft paper, gridded pattern paper, or sturdy wrapping paper. You need a straight edge ruler, right angle (a piece of paper is fine), (and curve if you have one)



This is what the full body pattern would look like.

It is much more manageable to draft a section of the pattern, and put it on folded fabric to cut. Here is the section we will draft:



### **How to Scale a pattern:**

Draw a 26" wide by 14" tall rectangle on your Paper, and fill it with lines 2" apart in both directions. Use this grid to recreate the neck/shoulder/armhole of the body pattern.

Using the pattern on the graph paper, copy the lines in each square to your full scale grid.

For sleeve, use same process. Full sleeve pattern is 20x30 inches including a thumb loop.

### **How to Draft a pattern:**

**For the body: drafting just the top part of the pattern: set 30" above hemline of fabric**

Roll out 30 inches wide paper if you are doing just half the front and half the back.

Mark a rectangle, 26" wide by 14" tall

Lower left corner is A. Lower right corner is C.

Add a vertical division 13" to the right of A: this is the "side seam" mark B  
 Mark left side of rectangle as center front; mark right side as center back  
 From A (lower left corner) measure up 9" for pit/base of neck  
 From B (side seam) measure up 3" to base of armscye Mark L  
 From C (right corner, center back) measure up 12 ½ to nape

#### For shoulders:

Up from A, at 14" (top left corner) is D; top right corner is I  
 Mark E 5" to right of D  
 Mark F 11" right of D and 1" below D-I line  
 Mark G 15" right of D and 2" below D-I line  
 Mark H 5" left of I  
 Connect E-F front shoulder line  
 Connect G-H back shoulder line  
 Check that each is the same length (~6 ½")

#### For Armscye:

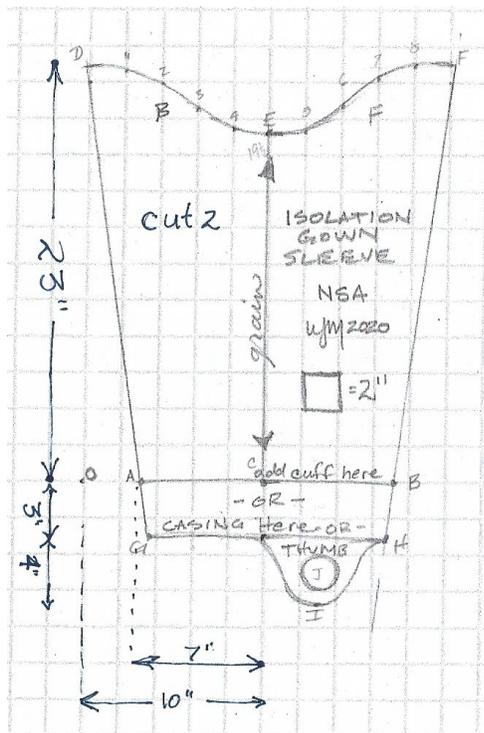
Mark J from A up 8" & right 10"  
 Mark K. from A up 4" & right 10 3/8ths  
 Mark M from C up 4" & left 11 ½ "  
 Mark N from C up 8 " & left 11"  
 Connect FJKLMNG in smooth armscye curve

Front neck: from pit of neck to E in smooth curve (use compass if handy)

Back neck: from nape to H in shallow curve

#### Vertical edges: (mark fold line at center front and center back for layout purposes)

Mark dashed line 3" from Center Front and 3" from Center Back to indicate lap edges



#### Sleeve: Note that seam is on top of arm.

You'll need 20x30 paper plus allowance; orient vertically  
 Beginning 8" above edge of paper, draw rectangle 23" tall & 20" wide. Label lower left corner 0

Right from 0: 0 to A=3", 0 to C=10", 0 to B=17"

Mark grain line @underarm, perpendicular to AC. Mark

Underarm point E 19 ½ " above C

Mark D 23" above 0.

Mark F 23" above and 3" right of B

Draw sleeve hemline 3" below AB

Connect D to A and F to B, extending to meet sleeve hemline, and marking G & H at intersections

For sleeve cap edge, create these points to connect: starting from D working right in 2" increments:

D to 1 = 2" right, ¼" down

D to 2 = 4" right, 1" down

D to 3 = 6" right, 2 ¼" down

D to 4 = 8" right, 3 ¼" down

E is underarm, 10" right and 3 ½" down from D (already marked)

From E to F, mark these points in 2" increments

E to 5 = 2" right, ¼" up

E to 6 = 4" right, 1 ¼" up

E to 7 = 6" right, 2 ½" up

E to 8 = 8" right, 3 ½" up

Connect the dots in a smooth reverse curve

When cutting sleeves: if adding a 3" cuff, seamline is ACB add seam allowance below

If Creating Casing, Stitch line is GH: add seam allowance 2x width of elastic

If adding thumb loop, mark I 4" below GH 4" left of H

From I, draw reverse curve to meet H and midway point between H and G

Draw 2" circle for thumb hole 1" below GH and 1" above I

### **Space Saving Layout:**

If using yardage:

Cut a 2 yard + 6" length of fabric.

Fold fabric in thirds cross grain (selvedges together) to create a 3 layer piece 26" wide

Lay Pattern close to upper selvedge edge, about 30" above lower selvedge

If using a sheet: see diagram below

Plan to use the existing finished edges at the hems. A king sheet may be wide enough to use the wide hem as the garment hem; narrower sheets will use the side hem of the sheet as the lower hem of the gown.

Begin with one corner of the sheet (as the back lapped section) on your right:

Measure 23" to the left and fold back over for 26" from left to right

Fold remainder of sheet from right to left for 26" and trim perpendicular to hem, being careful not to cut the fold of fabric underneath.

For either layout:

Center Back and Center Front will be on folds

Lay pattern 30" above hem edge

Mark center front, shoulders, armscye, and center back neckline

Add ½ seam allowance at shoulders and armscyees

If binding edges, cut necklines as drafted. If serging and turning edges, add ¼" seam allowance to neck edges

Pin layers together, and cut through all three layers together.

When assembling, trim 1" away from the overlapping armhole at the bottom, taper to shoulder; then bind. This allows extra ease in wearing.

