

# Sloper Workshop Drafting Instructions

## Back Bodice - Only use 'back' measurements

1. Draw a point 1" to the right and 4" down from the top left corner of the paper. Label this point **A**.
2. Draw a line down from **A** that is equal to the **center bodice length**.
3. Extend a line up from **A** and label this point **2**. **B-2** should equal the **full bodice length**.
4. From **2**, square a line out about 15" long.
5. Along this line from point **2**, measure a distance equal to  $\frac{1}{2}$  your **across measurement**. Label this point **3**.
6. From point **2**, measure a distance equal to  $\frac{1}{2}$  of your **shoulder point width**. Label this point **4**.
7. From point **2**, measure a distance equal to  $\frac{1}{2}$  of your **bodice width**. Label this point **5**.
8. From points **3**, **4**, and **5**, square down guidelines to use later in the draft. **3 & 4** should be about 12" long. **5** should be about equal to **B-2**.
9. From **B**, measure a distance equal to your **shoulder pitch** diagonally so that the end point lies somewhere on the **4** guideline. Label this point **6**.
10. From point **6**, measure a distance equal to your **shoulder width** so that the end point lies somewhere on the line between **2** and **3**. Label this point **7**.
11. From point **A**, measure a line equal to  $\frac{1}{2}$  of your **back neck measurement -1/8"** so that the end point lies somewhere along **2-3**. The space between **8** and **7** will become your shoulder dart.
12. From point **6**, measure off a line 4" long where the end falls somewhere on the guideline extending from **3**. Label this point **C**.
13. From **C**, measure off a line equal to your **shoulder height measurement -4"** with the end point falling on the guideline extending from point **5**. Label this point **9**.
14. Measure up from **9** on the guideline a distance equal to your **side bodice length**. Label this point **10**.
15. Square a line to the left from point **10**. Mark the point where it intersects with guideline **4** and label this point **D**.
16. From point **B**, measure a distance along **B-A** equal to your **bust point height**. Label this point **E**.
17. From point **E**, square a line to the right equal to  $\frac{1}{2}$  of your **bust point width**. Label this point **F**.
18. From point **B**, square a line to the right equal to  $\frac{1}{2}$  of your **bust point width -1/2"**. Label this point **G**.
19. Connect points **G & F**. Connect point **G** and point **9**.
20. Measure the line between **B, G & 9**. From this measurement, subtract  $\frac{1}{2}$  of your **waist measurement**. The difference will be taken out equally from the dart and the side seam. Divide the difference you calculated in half. If the measurement is very small, mark it on a scrap of paper and fold it in half to determine the measurement.
21. From point **9**, measure off a distance along **9-G** equal to the number previously calculated. Label this point **H**. Connect **H** and **10**.

22. From point **G**, measure a distance to the right equal to the remaining equal portion of the difference. Label this point **I**. Connect points **F** and **I**.
23. As in the front bodice draft, check the measurement of **F-G** and **F-I** and correct as necessary.
24. Additionally, measure **10-H** and check that it is the same length as your **front bodice side**. If not, lengthen or shorten it at point **H**.
25. From point **8**, draw a **3 1/2"** line downward that is parallel to the center back. Label this point **J**. Connect **J-8** and **J-7**.