

Drafting the Front

PM122 SPRING 2012

Prof. Lin

\overline{AB} = Full Body Length. Then square a line from point B to get point V.

\overline{AC} = 1/2 Width Across Shoulder, and square a line down from C about 3" long as a guide line. *** ($\overline{CD} \neq 3"$)

\overline{BD} = Shoulder Slope + 1/4"

Connect \overline{DE} = Shoulder Seam Measurement

\overline{BF} = Center Front Length

*To get point G : 1/3 of \overline{BF} (Center front length) = \overline{FG}

\overline{GH} = 1/2 Body Width (Armhole Level), then extend 1/2" from H to get point S. ($\overline{HS} = 1/2"$ ease)

*To find point I (APEX):

a. Get point U, make \overline{GU} = Center Front to Apex

b. Square a line down to \overline{BV} from point U to get point M.

c. Draw a line down from point E (High Point Shoulder HPS) to get point I by hitting \overline{UM} , also make \overline{EI} = HPS to Apex (I = Apex/Bust point, also, the vanish point of waist dart)

\overline{KI} = Center Front to Apex, then extend \overline{KI} to J, make \overline{KJ} = 1/2 Full Body Width

(Checking point : \overline{IM} is parallel to \overline{KB} , so $\overline{IM} = \overline{KB}$ and $\overline{BM} = \overline{KI}$)

Connect \overline{HJ} , then extend the line down to L. { \overline{HL} equal to \overline{ST} (Back Side Seam Meas. on the BACK DRAFT) }

Connect \overline{SL} for final Front Side Seam

$\overline{MN} = 3/4"$

Connect \overline{LN}

*Front Waist Measurement = $\frac{\text{Total Waist} + 1" (\text{ease})}{4} + 1/4"$

*To find Point O:

a. Front Waist Measurement - $\overline{BN} = \overline{LO}$

(It means $\overline{LO} + \overline{BN} = \text{Front Waist Measurement}$)

b. Measure \overline{IN} , also connect \overline{IO} , extend \overline{IO} to point P, make \overline{IP} (2nd Leg of Dart) = \overline{IN} (1st Leg of Dart)

$\overline{PN} = \text{Width of Waist Dart}$

R = Middle point of \overline{FG}

Square a line from R to T, $\overline{RT} = 1/2$ Width of Across Chest

Square a line down from T to \overline{GH} for Armhole guide line (\overline{TQ})

Connect \overline{DT} and \overline{TH} and \overline{HS} with a curve line for Armhole

Drop 3/8"-1/2" from F to F' at CF neck for better front neck drop.

Connect $\overline{EF'}$ with a curve line for Front Neck Line

Checking Points:

*Drop 3/8"-1/2" at CF neck

*Back Armhole Curve is 1/2" longer than Front Armhole Curve

*Front and Back bodice have 3/8"~1/2" ease at underarm.

*Drop armhole 1/2"~1" at underarm.

*Check fitting of bodice on the dress form

