1 - 0	⅙ scale
1A - 0	¼ scale
1B	halfway between 1 - 1A
2 - 0	⅙ scale
3 - 0	⅙ scale
4 - 0	rise (= side seam minus inside leg)
5 - 4	waistband 1 ½”
A - 5	¼” angle
6 - 1	inside leg
7 - 6	½” for every inch less than 20” (Shortening of Hem, p. 33)
8 - 6	half 6 - 1 plus 2” towards 1
9 - 0	¼ seat or ½ scale
10 - 9	squared up from pt 9
11 - 10	squared up from pt 10, and ⅜” towards pt 5

subtract ¼ waist from 11 - A
take out the difference through the dart
» dart = 1 ⅞” from side seam and 3 ½” long

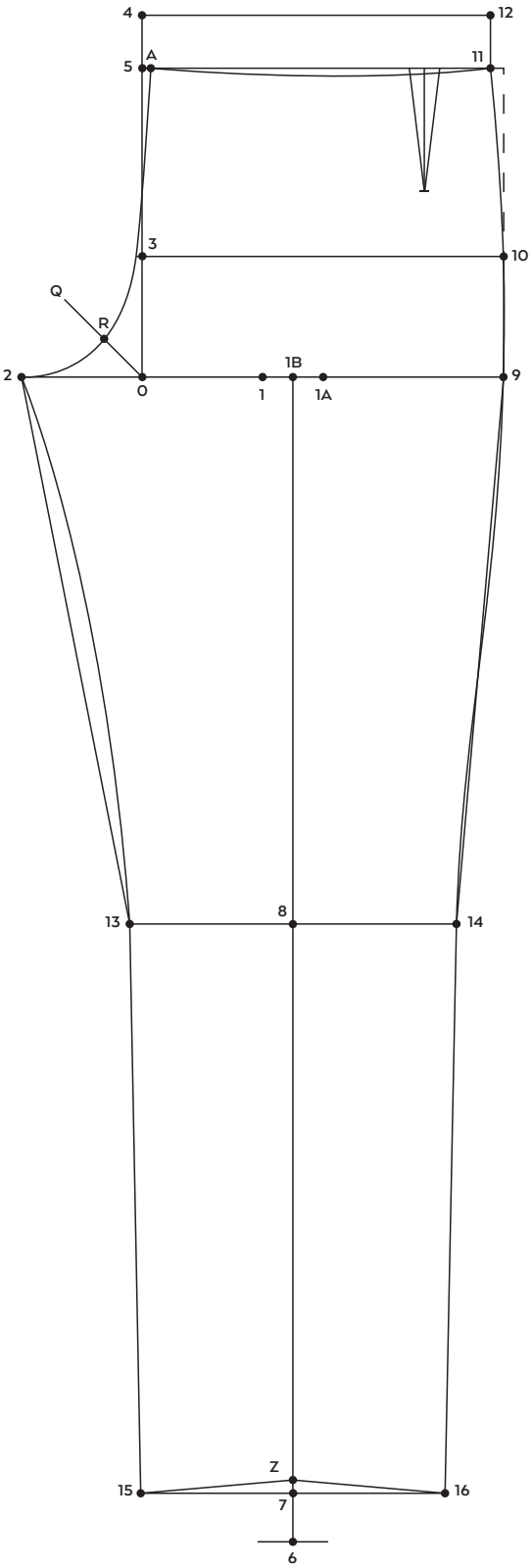
12 - 11	squared up from pt 11
13 - 8	¼ knee width
14 - 8	¼ knee width
15 - 7	¼ hem width
16 - 7	¼ hem width
Z - 7	⅜”
Q	45° angle
R	1/12 scale or ½ 0 - 2

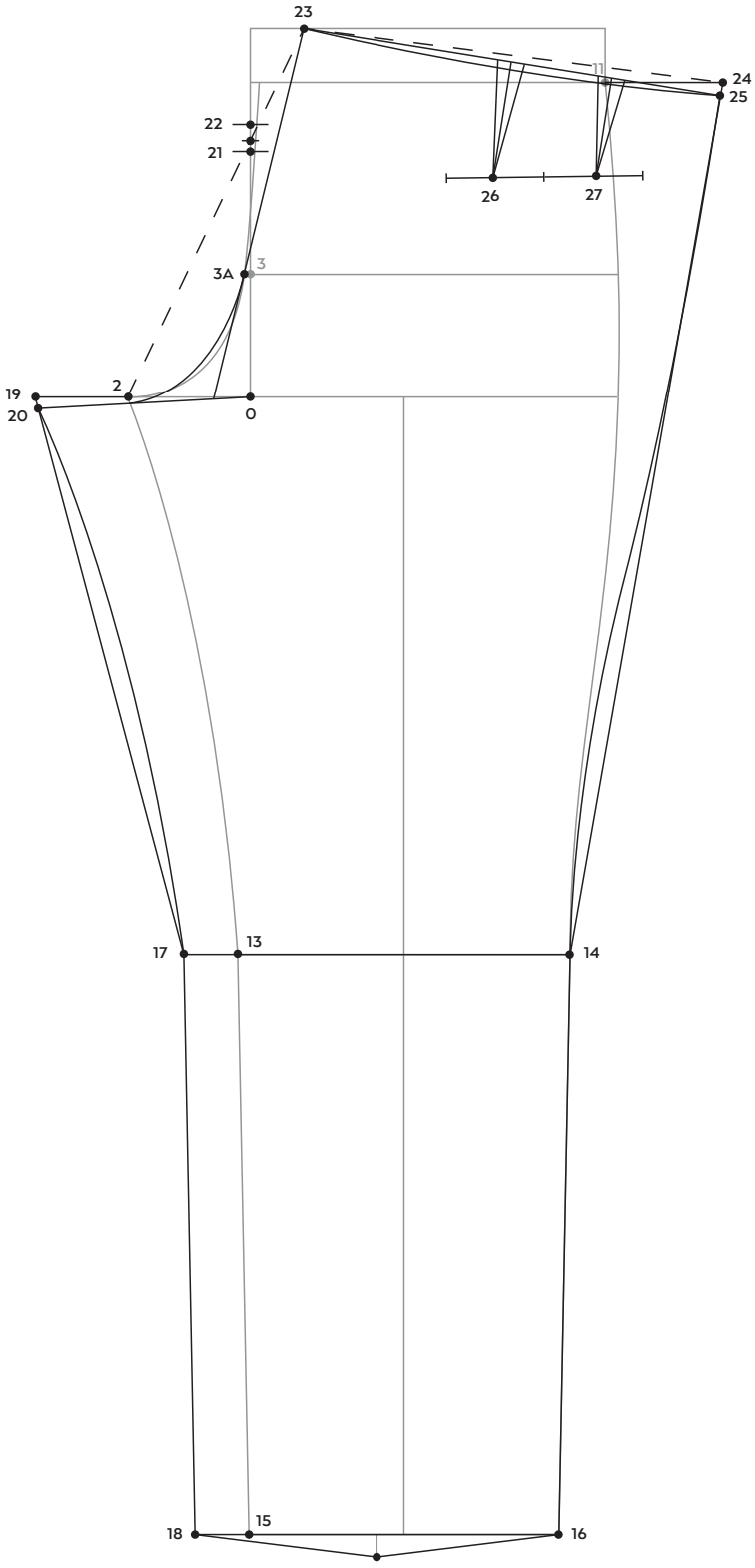
hollow waistband 3/16” at hip
hollow 2 - 13 about ⅜”
hollow 9 - 14 about ¼”

NOTE / for a smaller waist an angle of ⅝” can be used at the fly: ¼” at 5 - A and ⅜” in front of pt 3
» hip shape at pt 11 should not exceed ⅜”
» dart suppression should not exceed ⅞”
If this is not sufficient the balance can be taken off the undersides waist at pt 25.

Knee width is calculated by adding 1 ½” - 2” to the styled hem width.

scale = ½ seat	
waist: 35	side seam: 43 ¼”
seat: 41	knee: 18 ¾”
inside leg: 33	hem: 17 ¼”





scale = ½ seat	
waist: 35	side seam: 43 ¼”
seat: 41	knee: 18 ¾”
inside leg: 33	hem: 17 ¼”

17 - 13	1 ½” (4 seams)
18 - 15	1 ½” (4 seams)
19 - 2	⅛ scale
20 - 17	2 - 13 minus ¼”
21 - 0	⅓ scale
22 - 21	¾”

find seat angle:

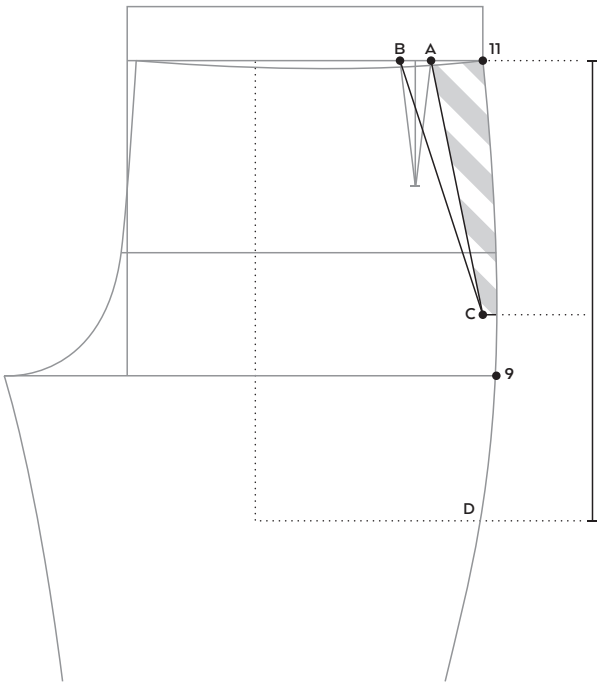
» 21 = 10 and 22 = 0
» subtract waist from seat measurement and apply the difference to this number line
» join pt 2 through that point to the top of the waistband to find pt 23
» join pt 23 with pt 3A

24 - 23	¼ waist plus 3” (3 seams (1 ⅛”), 2 darts (2x ¾”) + ease (⅜”))
25 - 14	11 - 14 of topsides
26	half 25 - 23 plus ½” towards pt 23 dart length: 3 ¼”, suppression: ¾”
27	half 26 - 25 plus ¼” towards pt 26 dart length: 2 ¾”, suppression: ¾”

back pocket position:

» halfways between pt 26 and pt 27
» measure out 2 ¾” from centre for a 5 ½” pocket

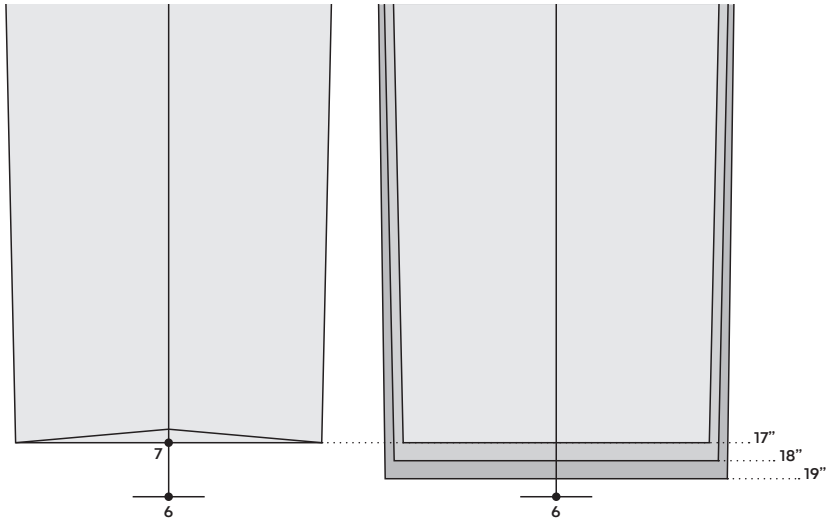
» angle hem ⅝” down



Move Dart into Pocket — DIAGRAM TRS.17

A - 11	pocket slant: approx. 1 ¼" - 1 ½"
B - A	waist suppression: max ⅞"
C - 11	pocket mouth: approx. 6 ½" - 7 ½"
	⅜" in from side seam (seam)
	or 2" up from pt 9
D - C	pocket depth: approx. 5 ½"

» shaded area (A - C - 11) = visible part of the pocket facing
» in construction A gets joined with B which makes the dart dissapear into the pocket mouth line



Shortening Of Hem — DIAGRAM TRS.18

6 - 1 direct inside leg measurement (taken from crotch to heel of shoe)

In order for the finished trouser leg to be the same length as the inside leg measurement the hem width needs to be 20" to clear the shoe. When the hem width is less than 20" the hem needs to be shortened to prevent excess cloth bunching up above the shoe.

7 - 6 subtract the hem width (e.g. 17") from 20" and divide by 2
shorten the hem with this amount (e.g. 1 ½")