TEXT BOOK

...OF...

THE GREAT....... MODERN SYSTEM

FOR DESIGNING AND CUTTING LADIES' GARMENTS....

AS TAUGHT BY

A. D. RUDE & SON

.. AT...

New York Cutting School
NEW YORK CITY.

Cleveland Cutting School
CLEVELAND, OHIO.
NEW YORK, N. Y.

CLEVELAND, O.
THE DEMAND for Ladies’ Tailor-made Garments is constantly on the increase and the time will soon come, in fact it is now here in many trades where as many women as men leave their measure for a suit of clothes.

The one thing needful to make ladies’ tailoring a success is a proper system of cutting which will produce ladies’ garments that have the three cardinal virtues, namely “fit,” “grace” and “beauty” and these are produced by our “Great Modern System” which we here present in book form.

The system here presented is easily learned thoroughly practical and cutters using it can produce a coat, waist or skirt for a woman with the same ease that they can cut a coat, vest or trousers for a man.

To the hundreds of cutters who use our system for cutting Men’s garments this System will prove an open book “in very truth.”

To those who have not used our system for Cutting Men’s Garments there will be a positive pleasure in adopting this System and putting it into practical use.

With full faith in the future of Ladies’ Tailoring as the means of largely increasing the merchant tailoring trade; and a belief that the System contained in this book will be a large means to that end, we are,

Yours fraternally,

A. D. RUDE & SON.
GENERAL REMARKS.

Pay particular attention to the name by which each line is designated and just how far each line extends.

All divisions on square are measured from joint of square, except J, which is measured from extreme end of long arm.

The word DRAW is used to designate all straight lines, and the word DRAFT for curved ones.

To obtain good results imitate curves on draft as closely as possible.

Whenever the word DOWN is used in connection with the divisions it means the Depth of Scye, and whenever the word ACROSS, the Bust Measure.

All garments are drafted for stitched edge. When binding is used deduct \( \frac{1}{4} \) in. from edge of garment.

Collars are drafted for felled edge; when turned-in seam is used add \( \frac{1}{4} \) inch.

For better comparison collars are shown together on separate pages.

In places where amounts can be varied to suit style of garment desired, we would advise to use amount marked on pattern until draft is thoroughly understood.

You will find it a great help to pay particular attention to the brief remarks above.
MEASURE.

Jacket Waist or Coat Measure.

First place tape under right arm holding both ends above shoulder very tight, then mark on back along and inside of tape, then under left arm and mark in same manner, then measure across back from mark to mark, take one half of this amount for width of back and add ½ in. for seams.

Place square under right arm and mark on back on top of square, then under left arm and mark in same manner. Place square under arm so it is just easy, not too tight nor too loose, and see that the square is perfectly perpendicular.

Place square across back even with these two marks and mark centre of back, then find exact length of natural waist and mark in most hollow part of back, then mark on vest collar where you wish seam of coat collar to come.

1. SLEEVE.

Measure length of sleeve by placing square under arm and measure down the arm as far as customer may desire.

2. DEPTH OF SCYE.

Measure from mark on waist collar, down back to mark even with bottom of armscye, and always call this measure one inch more, and so write it in measure book.

3. NATURAL WAIST.

Measure down back from mark on collar to mark at natural waist.

4. ARTIFICIAL WAIST.

Measure down from mark on collar to artificial waist. Measure down from mark on collar to mark at largest part of hip.

5. LENGTH OF COAT.

Measure down back from mark on collar to length of coat.

6. BUST MEASURE.

Take Bust easy measure standing in rear of customer.

7. WAIST MEASURE.

Measure around so as tape will fit hollow part of back and very tight.

8. HIP MEASURE.

Measure around largest part of hip easy. All measures are taken over waist.

TO GET INCLINE.

Place straight edge against customer's back with end of straight edge just at hip line, holding it firmly with left hand, then take square in right hand and measure from straight edge to waist collar, if customer is a regular form she will measure two inches, if stooping more, and if erect less.

TO GET SUPPRESSION OF WAIST.

Measure from straight edge to most hollow part of back.

Vest Measure.

Measure length of vest from centre of back on vest collar to length desired in front, and holding tape at length of vest at front, measure back, up to the opening. These measures are applied on vest the same as they are taken.

For all other vest measures use waist measures.

Skirt Measure.

Measure around waist very tight, around hip rather easy.

Take length of skirt from seam of band to floor front sides and back and add one inch to measure.

For rainy day skirt measure length as desired,
Application of Depth of Scye.

Place end of tape at A 36 on square and measure down the amount of the depth of scye, on scale of E.

<table>
<thead>
<tr>
<th>6\frac{1}{2} inches depth of scye gives 24 on scale of E.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 25 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>7 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 26 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>7\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 27 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>7\frac{3}{4} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 28 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>8 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 29 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>8\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 30 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>8\frac{3}{4} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 31 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>9 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 32 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>9\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 33 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>9\frac{3}{4} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 34 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>10 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 35 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>10\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 36 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>10\frac{3}{4} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 37 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>11 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 38 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>11\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 39 \frac{1}{2} &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>11\frac{3}{4} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 41 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>12 &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 42 &quot; &quot; &quot; &quot;</td>
</tr>
<tr>
<td>12\frac{1}{2} &quot; &quot; &quot; &quot; &quot; &quot; &quot; &quot; 43 &quot; &quot; &quot; &quot;</td>
</tr>
</tbody>
</table>

Therefore draft all lengths by depth of scye measure and all widths by bust measure.

Always apply this measure before drafting coat or waist for any size.
FLY FRONT JACKET.

PLATE I.
FLY FRONT JACKET.

Measure.

6\(\frac{1}{2}\)  Width of Back.
18  Length of Sleeve.
8\(\frac{1}{2}\)  Depth of Scye.
15  To Natural Waist.
20  To Seat and Full Length.

FOUNDATION LINES

Draw construction line 1—2, measure down on base line 1—2 to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and F36—G36—H36 by bust measure.

E is the Bust Line.

Place end of tape at A and measure down 15 in. to Waist Line, and 20 in. to Hip Line, which is also the length of jacket in this case.

From B mark up one in. and down one in. square all lines across (except B use one in. down and one in. up instead) at right angles to line 1—5, and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across width of back (6\(\frac{1}{2}\) in.) from line one in. above B and square down to 4.

Make width of back at waist from (5 to 7) 2 in. and square down to 31.

The line from C to 5 is used as a guide line only.

Mark in 2 in. at bottom of jacket same as suppression.

The plait is \(\frac{1}{2}\) in. width.

Draft curved line from A to F; from F to 6; 6 to 4; 4 through 7 and 13 to 31.

SHOULDER.

Mark down F 32 from G and \(\frac{1}{2}\) in. down and \(\frac{1}{4}\) in. forward from I to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDEBODY.

Mark 21\(\frac{1}{4}\) in. in from E to L on Bust Line, (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14, from 12 to 16 is \(\frac{1}{4}\) in. strong from 17 to 18 is one in.

Draft curve from 11 through 18 to Bust line and from 16 to Bust Line.

Measure forward \(\frac{1}{2}\) of Bust Measure (18 in.) from L on Bust line to M and square down to N on hip line.

From M measure back \(\frac{1}{2}\) of Bust Measure to wherever it may meet. Natural Waist Line marked T.

Measure forward from T, 2 in. the same amount as width of back from 5 to 7, then square down to X at right angles with Waist Line. X to 21 is 1 in. Draft curve from 12 through 14 through 19 to 21. 19 to 8 is 2\(\frac{1}{2}\) in., 14 to 9 is 3 in. Draw line from arm scye through 9 through 8 to 22. From 8 to 24 is \(\frac{3}{4}\) in. Draw line from arm scye through 23 through 24 to 25. From 24 to 26 is 2\(\frac{1}{2}\) in. From 23 to 27 is 2\(\frac{1}{2}\) in. Draw line from 27 through 26 to 28. From 26 to 29 is 1\(\frac{1}{4}\) in. Draw line from 27 through 29 to 30. Measure from N to 30, 30 to 28, 28 to 25, 22 to 21, 31 to 32. You will find this gives 15 in. and as \(\frac{1}{4}\) of hip measure is 21 add 1\(\frac{1}{4}\) in. from 30 to 33, 1\(\frac{1}{2}\) in. from 28 to 34, 1\(\frac{1}{2}\) in. from 25 to 36 and 1\(\frac{1}{4}\) in. from 22 to 35. This gives a total of 6 in. which makes pattern \(\frac{1}{4}\) of Hip Measure. Draft curve from 29 to 33, from 26 to 34, 24 to 36 and 8 to 35.

FORE PART.

From M add 2\(\frac{1}{4}\) in. for Make-up Line, and square down to Bottom Line.

Mark down J 32 from Bottom Line on Make-up Line and draw line from \(\frac{1}{4}\) in. below 33 to J.

Add \(\frac{1}{4}\) in. at Waist Line in front of Make-up Line, and draw line through 37 and 38 from top to bottom of draft.

From 10 measure down F 32 and square forward to Make-up Line.

Draft Curve from 10 through 39.
Add 1\(\frac{1}{4}\) in. from 39 to 40 and from 41 to 42 for button stand and draw line full length of Draft.
DOUBLE BREASTED JACKET.

PLATE II.
FLY FRONT JACKET.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
20 To Seat and Full Length.

FOUNDATION LINES
Draw construction line 1—2, measure down on base line 1—2 to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and F36—G36—H36 by bust measure.

E is the Bust Line.
Place end of tape at A and measure down 15 in. to Waist Line, and 20 in. to Hip Line, which is also the length of jacket in this case.

From B mark up one in. and down one in. square all lines across (except B use one in. down and one in. up instead) at right angles to line 1—5, and square all lines down at right angles to line 1—5, noting how far each line extends.

BACK.
Measure across width of back (6½ in.) from line one in. above B and square down to 4.

Make width of back at waist from (5 to 7) 2 in. and square down to 5.

The line from C to 5 is used as a guide line only.
Mark in 2 in. at bottom of jacket same as suppression.

The plait is ¾ in. width.
Draft curved line from A to F; from F to 6; 6 to 4; 4 through 7 and 13 to 31.

SHOULDER.
Mark down F 32 from G and ¾ in. down and ¾ in. forward from 1 to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDE BODY.
Mark 2½ in. in from E to L on Bust Line, (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14, from 12 to 16 is ½ in. strong from 17 to 18 is one in.

Draft curve from 11 through 18 to Bust line and from 16 to Bust Line.

Measure forward ½ of Bust Measure (18 in.) from L on Bust line to M and square down to N on hip line.

From M measure back ½ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 2 in. the same amount as width of back from 5 to 7, then square down to X at right angles with Waist Line. X to 21 is 1 in. Draft curve from 12 through 14 through 19 to 21.

19 to 8 is 2½ in., 14 to 9 is 3 in. Draw line from arm scye through 9 through 8 to 22. From 8 to 24 is 4 in. Draw line from arm scye through 23 through 24 to 25. From 24 to 26 is 2½ in. From 23 to 27 is 2½ in. Draw line from 27 through 26 to 28. From 26 to 29 is 1½ in. Draw line from 27 through 29 to 30.

Measure from N to 30, 30 to 28, 28 to 25, 22 to 21, 31 to 32. You will find this gives 1½ in. and as ½ of hip measure is 21 add 1½ in. from 30 to 33. 1½ in. from 28 to 34. 1½ in. from 25 to 36 and 1½ in. from 22 to 35. This gives a total of 6 in. which makes pattern ½ of Hip Measure. Draft curve from 29 to 33, from 26 to 34, 24 to 36 and 8 to 35.

FORE PART.
From M add 2½ in. for Make-up Line, and square down to Bottom Line.
Mark down J 32 from Bottom Line on Make-up Line and draw line from ¾ in. below 33 to J.

Add ½ in. at Waist Line in front of Make-up Line, and draw line through 37 and 38 from top to bottom of draft.

From 10 measure down F 32 and square forward to Make-up Line.

Draw line from 11 through 18 to Bust Line from O to P is 1½ in. from 39 to 44 is ½ in. from 44 to 43 is ½ in., Draft V between 44 and 43.

Draw line from P through 44 to 45; from 44 to 45 is 3½ in. from 37 to 40 is 3 in. Draw line from 40 through 42 to bottom of jacket.

Draft curve from 45 through 40 to bottom as desired.
TIGHT FITTING JACKET.

PLATE III.
TIGHT FITTING JACKET.

First draft jacket same as plate 1, except measure forward from T. Two inches more than one half of waist measure to O. From O add two inches for make up to P, you will find this leaves 3½ inches from P to R. Take out one large bias dart of 3 inches which with one half inch for seams of dart makes 3½ inches, in other words take dart of whatever size may be required to take up amount from P to R allowing ½ inch for seam of dart.

Draw line from 11 through 18 to Bust Line for N. W is one half of distance from N to E, and top of dart is 2½ inches from W.

From 39 to 40 is one inch, and from 41 to 42 is one inch, draw line from 40 to 42 and draft curve from 42 to Bottom of Coat as may be desired.
GLOVE FITTING WAIST.

PLATE IV.
GLOVE FITTING WAIST.

Measure.

6¾ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
16¾ To Length of Waist.

CONSTRUCTION LINES.
Measure down on base line 1—2 to natural waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft with stars to meet and mark down A32—B32—D32—E32—by depth of scye measure and across F36—G36—H36—I36 by bust measure.

From B mark up 1 inch and down ¼ inch. Measure down from A, 15 in. to natural waist and 16¾ in. to length of waist, square all lines across (except B use 1 in. up and ¼ in. down instead) at right angles to line 1—5, and square all lines down at right, angles to line 1—3, noting how far each line extends.

BACK.
Measure across 6¾ in. to C and square down to 4.

Make width of back at waist from (5 to 7) 1½ in., width of back at bottom is 1½ in.

The line from C to 5 is used as a guide line only.

Draft curved line from A to F; from F to 6; 6 to 4; 4 through 13 and 7 to bottom line.

SHOULDER.
Mark down F 32 from G and ¼ in. down and ¼ in. forward from I to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 same as width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDEBODY.
Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14, from 12 to 16 is ¼ in. (strong) from 17 to 18 is one in.

Draft curve from 11 through 18 to Bust line and from 16 to Bust Line.

Measure forward ¼ of Bust Measure (18 in.) from L on Bust line to M.

From M measure back ¼ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 1½ in. the same amount as width of back from 5 to 7, then draft curve from 12 through 14 and 19, and 20 to 21, from 20 to 21 is ¼ in.

From 19 to 8 is 2½ in., from 14 to 9 is 3 in. Draw line from arm scye through 9 and 8 to bottom line. From 8 to 24 is ½ in. Draw line from arm scye through 23 and 24 to bottom line. From 24 to 26 is 2½ in. From 23 to 27 is 2½ in. Draw line from 27 through 26 to bottom line. From 26 to 29 is ¼ in. Draw line from 27 through 29 to bottom line. Add spring from 8, 24, 26 and 29 to bottom line.

FORE PART.
Measure forward from M 2½ in. for Make-up Line, and square up and down at right angles to Bust Line.

Mark down F 32 from 10 and square forward to Make-up Line.

Draft curve from 10 to 40.

Drop 1 in. from K and draw Waist Line from T to R.

Measure forward from T, 1½ in. more than ¼ of waist measure to N. From N add 2 in. for Make-up to P. Take out amount from P to R (4 in. in this case), with two darts. Make small dart 1 in. and large dart 2 in., which allowing 1 in. for seams of darts makes 4 in.

Square down from 18 for 22. O is ¼ of distance from 22 to 25. Top of dart is 2½ in. from O.

When it is desired to button waist to neck, hold tape at X (half way between 14 and 9) and sweep from 25 to 28.

Mark down F from bottom line on make-up line. Draw line from 30 to F and draft curve from waist line on Make-up Line through R out ¼ in. to bottom of waist.'

For lapel waist or jacket waist, measure down 4 to 5 in. from 40 and draw lapel line from this point to 10.
WAIST FOR STOUT LADY.

PLATE V.
WAIST FOR STOUT LADY.

Measure.

- 7¼ Width of Back.
- 18 Length of Sleeve.
- 9¼ Depth of Scye.
- 15¼ To Natural Waist.
- 17 To Length of Waist.

CONSTRUCTION LINES.

Measure down on base line 1—2 to natural waist (15⅛ in.) and mark in amount of suppression 1½ in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft with stars to meet and mark down A36—B36—B36—F36—by depth of scye measure and across F42—G42—H42—I42 by bust measure.

From B mark up 1 inch and down 1 inch. Measure down from A, 1½ in. to natural waist and 17 in. to length of waist, square all lines across (except B use 1 in. up and 1 in. down instead) at right angles to line 1—5, and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across 7½ in. to C and square down to 1.

Make width of back at waist from (5 to 7) 2 in., width of back at bottom is 2½ in.

The line from C to 5 is used as a guide line only.

Draft curved line from A to F; from F to 6; 6 to 4; 4 through 13 and 7 to bottom line.

SHOULDER.

Mark down F 36 from G and ¾ in. down and ¾ in. forward from I to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 same as width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDEBODY.

Mark 2½ in. from E to L (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14, from 12 to 16 is ¾ in. (strong) from 17 to 18 is one in.

Draft curve from 11 through 18 to Bust line and from 16 to Bust Line.

Measure forward ½ of Bust Measure (21 in.) from L on Bust line to M.

From M measure back ¼ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T, 2 in. in the same amount as width of back from 6 to 7, then draft curve from 12 through 14 and 19, and 20 to 21, from 20 to 21 is ½ in.

From 19 to 8 is 2½ in., from 14 to 9 is 3½ in. Draw line from arm scye through 9 and 8 to bottom line. From 8 to 24 is ¾ in. Draw line from arm scye through 23 and 24 to bottom line. From 24 to 26 is 2½ in. From 23 to 27 is 2½ in. Draw line from 27 through 26 to bottom line. From 26 to 29 is ¾ in. Draw line from 27 through 29 to bottom line. From 29 to 30 is 2½ in., from 27 to 28 is 2 in. Draw line from 28 through 30 to bottom line. From 30 to 31 is ½ in. Draw line from 28 through 31 to bottom line. Add spring from 8, 24, 28, 29, 30, and 31 to bottom line.

FORE PART.

Measure forward from M 2½ in. for Make-up Line, and square up and down at right angles to Bust Line.

Mark down F 36 from 10 and square forward to Make-up Line.

Draft curve from 10 to 32.

Drop 1 in. from R and draw Waist Line from T.

Measure forward from T, ½ in. more than ½ of waist measure to X. From X add 2 in. for Make-up to P. From P add 3½ in. to R and take out this amount with two darts, (small dart ¾ in. and large dart 1½ in., and 1 in. for seams of darts).

When it is desired to button waist to neck, hold tape at X (half way between 14 and 9) and sweep from 33 to 34.

Mark down F from bottom line on make-up line. Draw line from Side Seam to F and draft curve from Waist Line through R out ½ in. to bottom of waist.

For waists where edges just meet take off ½ in. entire length of front.
HALF FITTING BOX COAT.

Measure.

6\(\frac{1}{2}\) Width of Back.
8\(\frac{1}{2}\) Depth of Scye.
15 To Natural Waist.
20 To Hip Line.
28 Long.

FOUNDATION LINES

Draw construction line 1—2, and using this line as a base line square across line 1—3.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32 —E32 by depth of scye measure and F36—G36—H36 by bust measure.

From B mark up one in.

Place end of tape at A and measure down 15 in. to Waist Line, 20 in. to Hip Line, and 28 in. to Bottom Line or whatever length may be desired.

Square all lines across at right angles to line 1—2 (except B square this line 1 in. above B) and down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across width of back (6\(\frac{1}{2}\) in.) on line one in. above B to C and square down to 4.

Mark 1\(\frac{1}{2}\) in. back from 4 to 5 and square down 5 to Hip Line.

From C to 6 is \(\frac{1}{2}\) in., from 7 to 8 is 1\(\frac{1}{2}\) in. Draw a line from F to 6.

Draft curve A to F; from F to 6; 6 to 4; 4 through 9 through 8 to Bottom Line.

SHOULDER.

Mark down F 32 from G, and \(\frac{1}{2}\) in. down and \(\frac{1}{2}\) in. forward from 1 to 10. (For 2 in. incline) Measure back from I width of shoulder from F to 6 and draft curve to 11.

ARM SCYE.

Mark 24 in. forward from E to L on Bust Line (for 2 in. incline) from 4 to 12 is \(\frac{1}{2}\) in., from 13 to 14 is 1 in., from 12 to 15 is \(\frac{1}{2}\) in.

Draft curve from 11 through 18 to Bust Line and from 15 to Bust Line.

36 Bust Measure.
24 Waist Measure.
42 Hip Measure.
2 Incline.

SIDE SEAM.

From L measure forward \(\frac{1}{4}\) of Bust Measure (18 in.) on Bust Line to M, and square down to N on Hip Line.

Deduct amount from 20 to 8 (width of back) from \(\frac{1}{4}\) of Hip Measure and apply result from N back to K on Hip Line.

From 9 to 21 is 2 in.

Draft curve from 12 through 14 throughh 21 and K to Bottom Line.

From 22 to 23 is 1\(\frac{1}{4}\) in., this is cut out to give spring over hip.

FRONT.

From M add 2\(\frac{1}{2}\) in. for Make-up and square to Bottom Line. From 24 to 25 is \(\frac{1}{2}\) in. Draw line through 26 through 25 entire length of draft for Make-up Line.

From 10 measure down F 32 and square forward to Make-up Line, and draft curve from 10 to 27. From 27 to 28 is \(\frac{1}{2}\) in., and from 28 to 29 is \(\frac{1}{4}\) in. from 30 to 31 is 1 in., draw line from 31 through \(\frac{1}{4}\) in. above 28 to 32. From 28 to 32 is \(\frac{1}{2}\) in., cut out \(\frac{3}{4}\) between 28 and 29.

Mark down J from bottom line on Make-up Line and draw line from 35 through J.

Add 3 in. in front of Make-up Line at Bust Line and Hip Line and draw line entire length of coat.

Draft curve from 32 through 34 to bottom of coat.

The top button is placed 6 in. down from 27. Space for three buttons 6 in. apart and 5 in. back from edge.

Sleeve notch is always placed \(\frac{1}{2}\) in. down from 18.

These coats are usually left open at the side from x.
FULL BOX COAT.

PLATE VII.
**FULL BOX COAT.**

**Measure.**

- 6¼ Width of Back.
- 8½ Depth of Scye.
- 15 To Natural Waist.
- 20 To Hip Line.
- 38 Long.

**FOUNDATION LINES**

Draw construction line 1—2, and using this line as a base line square across line 1—3.

Place square on draft so as stars on square will meet those on draft and mark down A32—B32—D32—E32 by depth of scye measure and F36—G36—H36 I36 by bust measure.

From B mark up one in.

Place end of tape at A and measure down 15 in to **Waist Line**, 20 in. to **Hip Line**, and 38 in. to **Bottom Line** or whatever length may be desired.

Square all lines across at right angles to line 1—2 (except B square this line 1 in. above B) and down at right angles to line 1—3, noting how far each line extends.

**BACK.**

Measure across width of back (6½ in.) on line one in. above B to C and square down to 4.

Mark 1½ in. back from 4 to 5 and square down 5 to **Hip Line**.

From C to 6 is ½ in., from 7 to 8 is 1½ in. Draw a line from F to 6.

Draft curve A to F; from F to 6; 6 to 4; 4 through 9 through 8 to **Bottom Line**.

**SHOULDER.**

Mark down F 32 from G, and ¾ in. down and ¼ in. forward from I to 10. (For 2 in. incline) Measure back from I width of shoulder from F to 6 and draft curve to 11.

**ARM SCYE.**

Mark 2¼ in. forward from E to L on **Bust Line** (for 2 in. incline) from 4 to 12 is 2¼ in., draw line from 12 through K to **Bottom Line**. From 12 to 15 is ½ in.

Draft curve from 11 through 18 to **Bust Line** and from 15 to **Bust Line**.

- 36 Bust Measure.
- 24 Waist Measure.
- 42 Hip Measure.
- 2 Incline.

**SIDE SEAM.**

From L measure forward ¼ of **Bust Measure** (18 in.) on **Bust Line** to M, and square down to N on **Hip Line**.

Deduct amount from 20 to 8 (width of back) from ¼ of **Hip Measure** and apply result from N back to K on **Hip Line**.

Draft curve from 12 through K to **Bottom Line**.

**FRONT.**

From M add 2¾ in. for **Make-up** and square to **Bottom Line**. From 24 to 25 is ¾ in. Draw line through 26 through 25 entire length of draft for **Make-up Line**.

From 10 measure down F 32 and square forward to **Make-up Line**, and draft curve from 10 to 27. From 27 to 28 is ¾ in., and from 28 to 29 is ½ in. from 30 to 31 is 1 in., draw line from 31 through ¼ in. above 28 cut out V between 28 and 29.

Mark down J from bottom line on **Make-up Line** and draw line from 35 through J.

Add 3 in. in front of **Make-up Line** at **Bust Line** and **Hip Line** and draw line entire length of coat.

The top button is placed 7 in. down from 27. Space for three buttons 6 in. apart and 5 in. back from edge.

**Sleeve notch is always placed ½ in. down from 18.**

These coats are usually left open at the side from x.

**AUTOMOBILE COAT.**

Draft Automobile Coat on page 22 same as Full Box Coat, plate VII, except to draw line from 3 through 28 and from 15 through 28 to 32. From 28 to 32 is 7 to 7½ in. Draft lapel as desired.
SLEEVE.

PLATE IX.

Measure size of arm scye of coat, waist, or jacket pattern and draft sleeve 2 in. less where plain sleeve is desired or draft sleeve same size of arm scye if extra fulness is desired in sleeve head.

First fold paper evenly on construction line 1—2.

Measure back ½ of sleeve and ⅛ of sleeve from x on line 1—3 to points 3—4.

Square down lines 3 and 4 at right angles to line 1—3.

Measure down J (depth of scye) from 1 and add 1 in. (point 6).

Place fore part on sleeve so as notch of fore part will meet notch on sleeve (point 6) and trace the arm scye of fore part from 6 to 7 on sleeve pattern.

Point 7 is 1½ in. from construction line. Point 8 is 1½ in. from point 2.

Measure down the length of sleeve from 7 on line 7—8 and add 1 in.

Always measure lady at wrist and elbow. Measure back from point 2, half amount desired at wrist and measure back from point T half of amount desired at elbow to L.

From line 1—3 square down from 4. Measure back ⅛ in. to star. Hold at star and sweep from 6 through 3 for head of sleeve.

Measure in 2 in. from point 3 to 12 and draft curve to 7.

From 12 to 13 is 1 in. and from 13 to 14 is ¼ in. from 3 to 5 is 1 in.

Draft curve from 5 one quarter in. outside of L to 10 and draft curve from 14 one quarter in. inside of L to 10.

Hollow sleeve 1⅛ in. on each side of T and draft curved lines from 7 to 8.

Cuff is in addition to length of sleeve and may be drafted to suit.
First draft Full Box Coat same as plate, VII., except 24 to 28 inches long, omit peak of lapel and add 2 in. from 19 to 20 and 2 in. from 21 to 22 draw line up and down full length of draft through 20 and 22 and square line from 4 to Hip Line instead of from 5 to Hip Line.

BACK.

11 is \( \frac{3}{4} \) in. from C, 10 is 3 in. from C, 5 is \( \frac{3}{4} \) in. from 13, R is \( \frac{1}{4} \) in. from 5.

Draft curve from F through 11 and 10, and 4 to R, and from R through line 13—7 at waist line and through 8 to bottom of draft.

FORE PART.

Draw line from \( \frac{3}{4} \) in. below 1 to 18 and draft curve.

RAGLAN SLEEVE.

First draft regular sleeve.

From 4 to 9 is \( \frac{1}{4} \) in. Square up from 9 and measure up from 11 same amount as width of shoulder from F to 6.

Draw line from 15 to 3 and from 15 to 6 curve from 15 to 3 and from 15 to 6.
INCLINES.

PLATE XII.

NO INCLINE.

ONE INCH INCLINE.

TWO INCH INCLINE.
NO INCLINE.

Measure forward 2\(\frac{1}{2}\) in. from E for point L, and 2\(\frac{1}{4}\) in. from 4 to 12 and from 13 to 14.

Mark back from 1 \(\frac{1}{4}\) in. on line 1—3 and drop \(\frac{1}{4}\) in. for point 10.

ONE INCH INCLINE.

Measure forward from E 2\(\frac{1}{2}\) in. for point L and 2\(\frac{1}{4}\) in. from 4 to 12 and from 13 to 14.

Mark down \(\frac{1}{2}\) in. from I for point 10.

TWO INCH INCLINE.

Measure forward 2\(\frac{1}{2}\) in. from E for point L and same amount from 4 to 12 and from 13 to 14.

Mark down \(\frac{3}{4}\) in. and forward \(\frac{1}{4}\) in. for point 10.
INCLINES.

PLATE XIII.

THREE INCH INCLINE.

FOUR INCH INCLINE.

GRADED INCLINES.
THREE INCH INCLINE.

Measure forward 2 in. from E for point L and same amount from 4 to 12 and from 13 to 14.
Mark down 1 in. from I and forward ½ in. for point 10.

FOUR INCH INCLINE.

Measure forward 1½ in. from E for point L and the same amount from 4 to 12 and from 13 to 14.
Mark down 1½ in. from I and forward ½ in. for point 10.

GRADED INCLINE.

Showing all inclines in one grade.
DOUBLE BREASTED FROCK COAT.

PLATE XIV.
DOUBLE BREASTED FROCK COAT.

Measure.

6\frac{1}{2} Width of Back.
18 Length of Sleeve.
8\frac{1}{2} Depth of Scye.
15 To Natural Waist.
16\frac{1}{2} To Fashionable Waist.
36 To Length of Coat.

FOUNDATION LINES

Measure down on base line 1—2 to Natural Waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by Depth of Scye Measure and across F36—G36—H36—I36 by Bust Measure.

From B mark up 1 in. and down \frac{1}{2} inch.

Place end of tape at A and measure down 15 in. to Natural Waist Line, 16\frac{1}{2} in. to Fashionable Waist Line, and 36 for full length of coat.

Square all lines across (except B use 1 in. up and \frac{1}{2} in. down instead) at right angles to line 1—5 and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across 6\frac{1}{2} in. to C and square down to 4, make width of back at waist (from 5 to 7) 1\frac{1}{2} in. and square down to bottom of draft at right angles to Waist Line.

The line from C to 5 is used as a guide line only. C to 6 is \frac{1}{2} in. Draw line from F to 6, curve line from A to F; F to 6; 6 to 4; and from 4 through 13 to 7.

Mark in 2 in. from 36 (same as suppression) and draw line from 16\frac{1}{2} to 2, plait is 1\frac{1}{2} in. in width.

SHOULDER.

Mark down F 32 from G, and \frac{1}{2} in. down and \frac{1}{2} in. forward from 1 to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 same amount as width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDE BODY.

Mark 2\frac{1}{2} in. from E to L (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14. From 12 to 16 is \frac{1}{2} in., from 17 to 18 is 1 in.

Draft curve from 11 through 18 to Bust Line and from 16 to Bust Line.

Measure forward \frac{1}{2} of Bust Measure (18 in.) from L on Bust Line to M, from M measure back \frac{1}{2} of Bust Measure to wherever it may meet Natural Waist Line at T.

Measure forward from T 1\frac{1}{2} in., the same amount as width of back from 5 to 7, then draft curve from 12 through 14 and 19 to 20.

From 19 to 21 is 2\frac{1}{2} in., from 14 to 9 is 3 in., draw line from Arm Scye through 9 and 21 to Bottom Line, from 21 to 24 is \frac{1}{2} in., draw line from Arm Scye through 23 and 24 to Bottom Line. From 24 to 26 is 2\frac{1}{2} in., from 23 to 27 is 2\frac{1}{2} in. Draw line from 27 through 26 to Bottom Line. From 26 to 29 is \frac{1}{2} in., draw line from 27 through 29 to 30.

Add spring from 21, 24, 26 and 29.

FORE PART.

Measure forward from M 2 in. for flake-up and square down to Fashionable Waist Line at right angles to Bust Line.

Hold tape at X (\frac{1}{4} of distance between 14 and 9) and sweep from 25 to 28. Mark down F 32 from 10 and square forward sweep-line.

Draft curve from 10 through 28.

Measure forward from T 1\frac{1}{2} in. more than \frac{1}{2} of waist measure to N. From N add 2 in. for flake-up to P, take out amount from P to R (3\frac{1}{2} in. in this case) with two darts make small dart \frac{1}{2} in. and large dart 1\frac{1}{2} in., which allowing 1 in. for seams of darts makes 3\frac{1}{2} in. O is half of distance from 22 to 25. Top of large dart is 2\frac{1}{2} in. from O.

Mark down F from Fashionable Waist Line on flake-up Line and draw line from 30 to F—31 is \frac{1}{2} up, from F draft curve line through 31 to 32.

Width of lapel at bottom is 2 in., 1\frac{1}{2} in. at Waist, 3\frac{1}{2} in. at Bust and 3 in. at Peak.

Draft lapel from peak through bust waist and fashionable waist to bottom of draft.

SKIRT.

Draw line from 20 to 32, from 20 to 33 is 2 in., square down from 33 to right angles to line 20—32 to bottom of skirt 34.

Measure down 12 in. from 33 on line 33—34 for spring, and measure back 4 in. from X when Hip measures 6 in. more than Bust and add or deduct \frac{1}{2} in. from this amount for each in the Hip is larger or smaller than Bust.

Draft curve from 33 through 35 to bottom of skirt.

Length from 33 to 37 is the same as from 8 to 38. Square line from 34 to front of skirt at right angles to line 33—34. From 39 to 40 is 2 in., draft curve from 33 through 40 to 32.

From 41 to 42 is 2 in., draft curve from 37 through 42 to front of skirt.
LADIES’ CUTAWAY COAT

PLATE XV.
LADIES' CUTAWAY COAT.

Measure.

6¼ Width of Back.
18 Length of Sleeve.
8¾ Depth of Scye.
15 To Natural Waist.
16½ To Fashionable Waist.
30 To Length of Coat.

FOUNDATION LINES

Measure down on base line 1—2 to Natural Waist (15 in.) and mark in amount of suppression 2 in. to 5.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft with stars to meet and mark down A52—B52—D52—E52 by Depth of Scye Measure and across F56—G56—H56—L56 by Bust Measure.

From B mark up 1 in. and down \( \frac{3}{4} \) inch. Place end of tape at A and measure down 1½ in. to Natural Waist Line, 16½ in. to Fashionable Waist Line, and 30 for full length of coat.

Square all lines across (except B use 1 in up and \( \frac{3}{4} \) in. down instead) at right angles to line 1—5 and square all lines down at right angles to line 1—3, noting how far each line extends.

BACK.

Measure across 6¼ in. to C and square down to 4. make width of back at waist (from 5 to 7) 1½ in. and square down to bottom of draft at right angles to Waist Line.

The line from C to 5 is used as a guide line only. C to 6 is \( \frac{3}{4} \) in. Draw line from F to 6, curve line from A to F; F to 6; 6 to 4; and from 4 through 13 to 7.

Mark in 1 in. from 2 and draw line from 16½ to 1, plait is 1½ in. in width.

SHOULDER.

Mark down F 32 from G, and \( \frac{3}{4} \) in. down and \( \frac{3}{4} \) in. forward from I to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 same amount as width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDE BODY.

Mark 2¼ in. from E to L (for 2 in. incline) and the same amount from 4 to 12 and from 13 to 14. From 12 to 16 is \( \frac{3}{4} \) in., from 17 to 18 is 1 in.

Draft curve from 11 through 18 to Bust Line and from 16 to Bust Line.

Measure forward \( \frac{1}{2} \) of Bust Measure (18 in.) from L on Bust Line to M, from M measure back \( \frac{1}{2} \) of Bust Measure to wherever it may meet Natural Waist Line at T.

36 Bust Measure.
24 Waist Measure.
12 Hip Measure.
2 Incline.
2 Suppression.

Measure forward from T 1¼ in. the same amount as width of back from 5 to 7, then draft curve from 12 through 14 and 19 to 20.

From 19 to 21 is 2¼ in., from 14 to 9 is 3 in., draw line from Arm Scye through 9 and 21 to Bottom Line. From 21 to 24 is \( \frac{3}{4} \) in., draw line from Arm Scye through 23 and 24 to Bottom Line. From 24 to 26 is 2¼ in., from 23 to 27 is 2½ in. Draw line from 27 through 26 to Bottom Line. From 26 to 29 is \( \frac{1}{4} \) in., draw line from 27 through 29 to 30.

Add spring from 21, 24, 26 and 29.

FORE PART.

Measure forward from M 2 in. for Flack-up and square down to Fashionable Waist Line at right angles to Bust Line.

Mark down F 32 from 10 and square forward to Flack-up Line.

Draft curve from 10 through 28.

Measure forward from T 1¼ in. more than \( \frac{1}{4} \) of waist measure to N. From N add 2 in. for Flack-up to P. The amount from P to R is 32 in. in this case. Take out \( \frac{1}{4} \) of this amount with bias dart for half fitting or entire amount with two darts for glove fitting.

Mark down F from Fashionable Waist Line on Flack-up Line and draw line from 30 to F.

From 28 to 29 is 1 in. and from R to K is 1 in., draw line from 29 to K.

Draft curve from 29 \( \frac{3}{4} \) in. inside of K and F to bottom of draft.

SKIRT.

Draw line from 20 to F, from 20 to 33 is 2 in., square down from 33 at right angles to line 20—32 to bottom of skirt 34.

Measure down 12 in. from 33 on line 33—34 for spring, and measure back 4 in. from x when Hip measures 6 in. more than Bust and add or deduct \( \frac{1}{4} \) in. from this amount for each in the Hip is larger or smaller than Bust.

Draft curve from 33 through 35 to bottom of skirt.

Length from 33 to 37 is the same as from 8 to 38. Square line forward from 34 at right angles to line 33—34. From 39 to 40 is 2 in., draft curve from 33 through 40 to F.
JACKET WAIST.

PLATE XVI.

Measure

$\frac{6}{4}$ Width of Back.
18 Length of Sleeve.
$\frac{8}{4}$ Depth of Scye.
$16\frac{1}{2}$ Artificial Waist.

18 Full Length.
36 Bust Measure.
24 Waist Measure.
2 Incline.
2 Suppression.

Draft same as Double Breasted Frock, plate xiv., except to omit skirt and make length $1\frac{1}{4}$ in. longer than Fashionable Waist length.

ETON JACKET.

PLATE XVII.

Measure

$\frac{6}{4}$ Width of Back.
$\frac{8}{4}$ Depth of Scye.
15 To Natural Waist.
16 Full Length.

36 Bust Measure.
24 Waist Measure.
2 Incline.

Draft same as Vest, plate xviii, page 36, except do not hollow back at 15 and mark $\frac{3}{4}$ in. from 7 to x.

From 12 to M is one-fourth of Bust Measure and 2 in.

Mark down F—32 from 10 and add 1 in. and square across to T.

Draft curve from 10 to T and sweep from M to T.

From P add 2 in. to K and take out dart of 1$\frac{1}{2}$ in. 7 is 1$\frac{1}{4}$ in. below Waist Line, draft curve from M through K to 7 and from 6 to 7.

When sidebody is desired 1$\frac{1}{4}$ in. dart is taken out at 4 and curved lines drafted from 8 to bottom of draft.

When glove fitting Eton is desired it should be drafted same as Glove Fitting Waist, plate iv., page 14, with lapel and front to suit style desired.
**SINGLE BREASTED VEST.**

**PLATE XVIII.**

**Measure**

- 23 Length.
- 10 Opening.
- $8\frac{1}{2}$ Depth of Scye.
- 15 To Natural Waist.

**FOUNDATION LINES.**

Draw construction line 1—2 and square across line 1—3.

Place square on draft with stars to match and mark down A32—B32—D32—E32— by Depth of Scye Measure and across F36—G36—H36—I36 by Bust Measure.

Measure down 15 in. from A for Waist Line and 16$\frac{1}{2}$ in. for length of back. Mark up 1 in. from B and square all lines across at right angles to line 1—2 (except B square 1 in. above instead) and down at right angles to line 1—3, noting how far each line extends.

**BACK.**

Measure across 6$\frac{1}{2}$ in. on line 1 in. above B to C and square down to 4, 6 is $\frac{1}{4}$ in. from C. Draw line from F to 6.

Measure forward from E one-fourth of Bust Measure net (point 5), square down 5 at right angles to Bust Line. Through 7 to 8 from 7 to x is $\frac{1}{2}$ in. and from 15 to x is $\frac{1}{2}$ in., draw line from 5 through x to bottom line and add spring from x to bottom line.

Draft curve from A through E and x to bottom line and from A to F, F to 6, 6 through 4 to 5.

**FORE PART.**

From G measure down F 32, 10 is $\frac{3}{4}$ in. down and $\frac{1}{4}$ in. forward from 1. Measure back from 1 $\frac{1}{4}$ in. less than width of back from F to 6 and draft curve to 11, 13 is $\frac{1}{4}$ in. forward from 10.

Measure forward from 5 2$\frac{1}{2}$ in. (for 2 in. incline) and square down to bottom of draft.

From 14 to 15 is 1$\frac{1}{4}$ in., draw line from 12 through 15 to bottom of draft and add spring from 15.

Measure forward from 12 one quarter of Bust Measure and add 2$\frac{1}{2}$ in. (point M) and square M down to bottom of draft.

O is 1 in. from N, draft curve from K to O. Measure distance from A to F, place this amount at 10, measure down length of Vest and add 1 in. (point O) and back up to the opening.

Hold tape at L and sweep from M to T.

Draft curve from 11 through 18 to Bust Line.

Measure from x to x on back, place this amount at 15 and measure across half of waist to N. from N to P is 2 in.

From P to K is 1$\frac{1}{2}$ in. Take out two darts one of 1 in. and one of 2$\frac{1}{2}$ in., this with 1 in. for seams of dart makes 4$\frac{1}{2}$ in.

Draw line from 30 to N and from O to 31, draft curve as desired from dart to 31.

**DOUBLE BREASTED VEST.**

**PLATE XIX.**

Draft same as Single Breasted Vest, plate XVIII, except to make 12 to M 2 in. instead of 2$\frac{1}{2}$ in. Make lapel from M to 5 3$\frac{1}{2}$ in. and 1$\frac{1}{4}$ in. from O to 6. Mark up 1 in. to 20 for seam of lapel.
NEWMARKET.

Measure.

6½ Width of Back.
18 Length of Sleeve.
8½ Depth of Scye.
15 To Natural Waist.
16½ To Artificial Waist.

FOUNDATION LINES.
Draw construction line 1—2. Measure down on base line 1—2 to Natural Waist (15 in.) and mark in amount of suppression 2 in. to 3.

Draw line from 1 through 5 and square across line 1—3 at right angles to line 1—5.

Place square on draft with stars to meet and mark down A32—B32—D32—E32 by Depth of Scye Measure and F 36—G 36—H 36—I 36 by Bust Measure.

Place end of tape at A and measure down 15 in. to Natural Waist Line, 16½ in. to Fashionable Waist Line, 20 in. to Hip Line and 36 in. to Bottom Line. From B mark up 1 in. and down ½ inch.

Square all lines across (except B use 1 in. up and ½ in. down instead) at right angles to line 1—5 and down at right angles to line 1—3, noting how far each line extends.

BACK.
Measure across width of back (6½ in.) on line 1 in. above B to C and square down to 4. 6 to C is ½ in. Make width of back at waist (from 5 to 7) 1½ in. and square down through 31 to bottom of draft at right angles to Waist Line.

The line from C to 5 is used as a guide line only. 54 is 1 in. from 56, draw line from Artificial Waist (16½ in.) to 54. Plait is 1½ in. wide which allows for turning in ½ in. for facing.

Draw line from F to 6, draft curved line from A to F; F to 6; 6 to 4; and 4 to 7.

SHOULDER.
Mark down F 32 from G, and ½ in. down and ¼ in. forward from 1 to 10 (for 2 in. incline) draw line from 10 to F. Measure back from 10 width of shoulder from F to 6 and draft curve to 11.

ARM SCYE AND SIDEBODY.
Mark 2¼ in. from E to L on Bust Line (for 2 in. incline) and the same amount from 4 to 12 and 13 to 14. From 12 to 16 is ½ in. strong from 17 to 18 is 1 in.

Draft curve from 11 through 18 to Bust Line and from 16 to Bust Line.

56 Full Length of Back.
55 Full Length of Front (from 39 to 46).
36 Bust Measure.
24 Waist Measure.
12 Hip Measure.

Measure forward ½ of Bust Measure (18 in.) from L on Bust Line to M and square down to N on Hip Line.

From M measure back ½ of Bust Measure to wherever it may meet Natural Waist Line marked T.

Measure forward from T ½ in. the same amount as width of back from 5 to 7, then square down to x at right angles to Waist Line, x to 21 is 1 in., 54 to 55 is ½ in.

Draft curve from 12 through 14, 19 and 21 to 55.

From 19 to 8 is 2½ in., from 14 to 9 is 3 in., draw line from Arm Scye through 9 and 8 to 22, from 8 to 24 is ½ in., draw line from Arm Scye through 23 and 24 to 25.

Measure from N to 25, 22 to 21 and from 31 to 32, you will find this gives 17½ in. and as half of Hip Measure is 21, add 1½ in. from 25 to 36 and 2½ in. from 22 to 35.

Draft curve from 8 through 35 to bottom of draft and from 24 through 22 to bottom of draft. From 23 to 27 is 2½ in., from 24 to 26 is 3 in. Draft curve from 27 through 26 to 30.

Hip Line from 26 to 29 is ½ in., draft curve from 27 through 29 to 30.

FORE PART.
From M add 2½ in. for Make-up Line and square down to Hip Line.

Hold tape at star (half way between 14 and 9) and sweep from 37 to 39.

From 10 measure down F 32 and square forward to Make-up Line. From 39 to 40 is ½ in. Draw line from 11 through 18 to O, from O to P is 2½ in., draw line from P through 40 to 41 for peak of lapel, from 40 to 41 is 3½ in. From 42 to 43 is 1 in. Draft curve from K at Waist Line through 43 to Bottom of Draft.

From 43 to 44 and from 37 to 45 is 3 in. draft curve from 41 through 45 and 44 to Bottom of Draft.

Measure front length on lady from front collar button to bottom of skirt and apply amount you get from 39 through 37, K and 43 to Bottom of Draft, 46 and draft curve from 55 to 46.
FULL LENGTH BOX COAT.

PLATE XXI.
PLATE XXII.

Measure

36 Bust Measure.
25 Measure over Head.

This measure is taken from collar seam at shoulder point over head to shoulder point.

Draw construction line 1—2 and square across 1—3, from 1 measure forward F 36, square down F at right angles to line 1—3.

From 1 measure down C 36 and mark up 1½ in. to point 4, from 4 measure down half the amount over head, square line C and 2. From x, measure across C 36 to Y, from 2 measure across D 36, from D mark down F 36. From 1 to 7 is 1 in., from 7 to 8 is ½ in., from 5 to 6 is ½ in. Draft curve from 8 through line 1—3 and Y to F, from 8 through 6 to 4 and from 2 to F.

COLLARS.

Draft brake line from edge of coat at first button through point 10, add width of top of back from A to F and ½ in. (amount from 10 to 1), make stand from 1 to 2 one and half in. and leaf from 1 to 3 two to three inches.

Draft curve from 2 meeting gorge line at brake to 4, point 4 is ½ in. below gorge line, from 4 to 5 is according to style. Draft line from 3 to 5.

AUTOMOBILE COLLAR.

Draw construction line 1—2, from 2 to 3 is 1¼ in., from 3 to 4 is 1 in., from 3 to 5 is ½ in. more than neck gorge (plate iv), from 28 to 10 and F to A. From 5 to 6 is 1½ in., from 5 to 12 is 3½ in. Draft curve from 12 to 4 and from 6 to 4, draw line from 4 through 2 to 9, square line from 5 through 6 to 7, from 7 to 8 is 2 in., draft line from 8 through 7 to 9, 11 is 1½ in. from 7, draw line from 11 to 12 and add 1¼ in. on each side of 11, draft curve from 2 to 14 as desired.

FULL LENGTH BOX COAT.

Draft same as plate vii, page 20, except 56 in. back length and 55 in. front length (to bottom of dress). Mark 36 in. F from R and draft curve from Bust Line ½ in. inside of waist line through 20 to F, mark E 36 from R and draft curve from 4, one quarter inch inside of 9 through 7 to E. From 13 to 14 is 3 in. square line to hip line from 14 and take out dart of 1¼ in. at Waist Line.
SHIRT WAIST.

For Silk, Wool, or Washable Goods.

PLATE XXIV.

Measure

18 Length of Sleeve.
8½ Depth of Scye.
16½ Full Length.

Draw line 1—2 and using this line as a base square across line 1—3.
Place square on draft with stars to meet and mark down A32—B32—D32—E32 by Depth of Scye Measure and across F36—G36—H36—I36 by Bust Measure.

From B mark up 1 in.
Place end of tape at A and measure down full length (16½) for Bottom Line.
Square all lines across at right angles to line 1—2 (except B square this line 1 in. above B) and draw down at right angles to line 1—3.

BACK.

Measure across width of back (6½ in. to C) on line 1 in. above B and square down to 4 Bust Line.
From C to 6 is 1½ in. draw line form F to 6.
From 4 to R is 1½ in. square from R to bottom of draft. From 20 to 21 is 2½ in.
Draw line from arm scye through R and 21 to bottom of draft and curve line from arm size through R and 21 to bottom of draft.
From R to L is 2½ in. (for 2 in. incline) square L to bottom of draft, from 7 to 8 is 1½ in. Draw line from L through 8 to bottom of draft. Draft curve from L through 8 to bottom of draft.

Draft curve from A to F, F to 6, 6 through L to Bust Line.

Raise 3½ in. at point L (so that fore part will be proper length for back) and draft from this point to Bust Line.

36 Bust Measure.
24 Waist Measure.
2 Incline.

FRONT.

From L measure across ¼ th of Bust Measure and add 3½ in. point M. From M square to bottom of draft at right angles to Bust Line.

Mark down F 36 from G and ¾ down and ¼ in. forward from I to 10. Draw line from 10 to F and measure back from 10, width of shoulder from F to 6.

From 16 to 18 is 1 in. draft curve, from 11 through 18 to Bust Line.

Hold tape at R and sweep from M to 9. Mark down F 32 from 10 and square forward through sweep line.

Mark down B 32 from N, draw line from 2 through B and draft curve from 2 through 13 and B to front of draft.

From M to 12 and B to 14 is 1 in. for button stand, draw line through 12 to 14 and sweep from 12.

Measure from 2 to 21, place this amount at 8 and measure across one half of Waist Measure to O, from O to P is 2 in. for make-up, from P to N is 4 in. in this case. For lining or foundation take out this amount with dart allowing ½ in. for seams of dart.

For fulness or plaits add 2 in. from 12 to 16 and 2½ in. from 14 to 17, omit dart altogether, gather on to waist band from 13 to B and gather in to neck band from 9 to 10.

BLOUSE WAIST.

PLATE XXIII.

Draft same as Shirt Waist above, except to make distance from L to M one-fourth of Bust Measure and 4½ in. instead of one-fourth of Bust Measure and 3½ in.

Omit dart altogether and full on to waist band from 13 to 14.

Waist band is cut size of waist and 1 in. more for button stand. Draw line from 11 through 18 to Bust Line for 19 and draw line from 19 through 22 for lapel. From 22 to 23 is 4½ in., take out ½ in. for V from 22 to 24.
THREE PIECE SKIRT.

PLATE XXV.
THREE PIECE OR CIRCULAR SKIRT.

Measure
24 Waist Measure.
41 Hip Measure.

FOUNDATION LINES.
Draw construction line 1—2 and using this as a base, square across line 1—3.
Mark down C24 (by Waist Measure) from 1, mark across C21 from 1, C across 24 again from C, B21 from C and C24 from B by Waist Measure.
Place end of tape at C and measure down 6 in., 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line 1—2 and down at right angles to line 1—3, noting how far each line extends.

From L measure across half of Hip Measure (20.5 in.) to M.
From M to N is 13 in. (all sizes).
From O mark across C11 to P (by Hip Measure.)

Draw line from D through P to bottom of draft.
Draw line from R through N to bottom of draft.

Draft curve from C to K.
From T to V is ½ in. Draft curve from K through V to R.

DARTS.
From 7 to 8 is 3 in., from 9 to 10 is 1½ in. and from V to 11 is 2 in.

43 Front Length.
44 Side Length.
45 Back Length.

WAIST MEASURE.
Apply Waist Measure from C to 7, 8 to 9, 10 to V and 11 to R, this should give 1¾ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Measure Side Length from V to 44, measure Back Length from R, or line N to 45, from 45 to 46 is 3 in., for trail make this more or less as desired.

Draft curve from 43 through 44 to 45.
From R to 4 is 3 in. and from 45 to 47 is 3 in., this is for Plait, should separate plait be placed on top cut out on line from R through N to Bottom of Draft.

For Circular Skirt open goods and place this pattern with 43—47 lengthwise of goods.

Mark line on goods from C to 43 and around entire pattern. Then turn pattern over so that C and 43 will meet and mark around entire pattern on opposite side. This makes only one seam in skirt, namely from 4 to 47 with plait, or from R to 45 without plait.
FIVE-GORED SKIRT.

PLATE XXVI.
FIVE GORED SKIRT.

Measure

24 Waist Measure.
41 Hip Measure.

FOUNDATION LINES.

Draw construction line 1—2 and using this as a base, square across line 1—3.

Mark down C24 (by Waist Measure) from 1, mark across C24 from 1, C across 24 again from C, B24 from C and C24 from B by Waist Measure.

Place end of tape at C and measure down 24 in., and 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line 1—2 and down at right angles to line 1—3, noting how far each line extends.

From L measure across half of Hip Measure (20½ in.) to M.

From M to N is 13 in. (all sizes).

From O mark across C41 to P (by Hip Measure.)

Draft line from D through P to bottom of draft.

Draft line from R through N to bottom of draft.

Draft curve from C to K.

From T to V is ½ in. Draft curve from K through V to R.

DARTS.

From 7 to 8 is 3 in. and from 9 to 10 is 2 in.

WAIST MEASURE.

Apply Waist Measure from C to 7, 8 to 9, 10 to R, this should give 1½ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Draw line from T to 44 (this can be varied to suit making back or side gore larger or smaller).

Measure Side Length from T to 44, measure Back Length from R, or line N to 45, from 45 to 46 is 3 in. for trail, make this more or less as desired.

Add plait from R and 45 of whatever width desired or cut through on line R N to 45 and put on separate plate.

Draft curve from 43 through 44 to 45.

For curved or flounced effect mark in ½ in. on each side of P and N and ½ in. inside of 48, add 1 in. on each side of 44 and 47 and outside of 45 and draft curve accordingly.
SEVEN GORED SKIRT.

PLATE XXVII.
SEVEN GORED SKIRT.

Measure

24 Waist Measure.
41 Hip Measure.

FOUNDATION LINES.

Draw construction line 1—2 and using this as a base, square across line 1—3.

Mark down C24 (by Waist Measure) from 1, mark across C24 from 1, C across 24 again from C, B24 from C and C24 from B by Waist Measure.

Place end of tape at C and measure down 6 in., and 25 in. (all sizes) and 43 in. full length.

Square all lines across at right angles to line 1—2 and down at right angles to line 1—3, noting how far each line extends.

From L, measure across half of Hip Measure (20½ in.) to M.

From M to N is 13 in. (all sizes).

From O mark across C41 to P (by Hip Measure.)

Draw line from D through P to bottom of draft.

Draw line from R through N to bottom of draft.

Draft curve from C to K.

From T to V is ½ in. Draft curve from K through V to R.

DARTS.

From 7 to 8 is 3 in. and from 9 to 10 is 2 in.

43 Front Length.
44 Side Length.
45 Back Length.

WAIST MEASURE.

Apply Waist Measure from C to 7, 8 to 9, 10 to R, this should give 1½ in. more than half of waist measure, provided it measures more make darts larger, should it measure less make darts smaller.

Measure Side Length from T to 44, measure Back Length from R, or line N to 45, from 45 to 46 is 3 in. for trail, make this more or less as desired.

Draft curve from 43 through 44 to 45.

Draft curve from K to 47 from half way between 9 and 10 through M to 44 and from half way between V and 11 through 40 to 41, take out ⅜ in. on each side of P, W and 40 and inside of 48 add ⅜ in. on each side of 47, 44, 41 and outside of 45 and draft curves accordingly.

SPECIAL NOTICE.

When skirt pattern is placed on goods cut so that a bias edge will seam with a straight edge except in centre of back.
PLATE XXVIII
DIVIDED SKIRT
DIVIDED SKIRT.

PLATE XXVIII.

Measure

22 Waist Measure.
41 Hip Measure.
33 Length.

CONSTRUCTION LINES.

Draw line 1—2 and using this as a base square across line 1—3.

From 2 to L is one-half of Hip Measure (20½ in.) and from L to M is 1 in.

Draw line from 1 through M to bottom of draft.

From 1 to 4 is one-half of Waist Measure (12 in.), from 4 to 5 is 1 in. less than one-fourth of Waist Measure (5 in.), from 5 to 6 is one-eighth of Waist Measure (3 in.), from 6 to 7 is one-third of Waist Measure (8 in.) from 7 to 3 is 1½ in., from 4 to 8 is one-fourth of Waist Measure (6 in.) and the same amount from 5 to 9, from 8 to 10 is one-sixth of Waist Measure (4 in.), from 10 to 11 is 1 in., from 6 to 12 is one-eighth of Waist Measure (3 in.).

Draft curve from 1 through 8 to 11 and from 9 to 12 and from 12 to 7.

From 13 to 14 is 2 in., from 15 to 16 is 1½ in., from 17 to 8 is 1 in.

Measure Waist from 14 to 15, 16 to 17, 8 to 11 and from 9 to 12. This should measure half of Waist Measure (12 in.) and 2 in. for seams (14 in.) should it measure more make darts larger and if it should measure less make darts smaller.

From 1 to 13 is width of fore part this is not included in waist measure as it is placed on top of skirt, to be buttoned down seam 14—28 so as to be taken off at will.

From 12 to 7 is for plaits.

Square across from 2 through 19 and 20 at right angles to lines 1—2.

From 19 to 20 is 1/2 of Hip Measure (20½ in.) from 20 to 21 is 5 in.

Draw line from 3 through 21 to bottom of draft.

From 19 to 22 is 1/3 of waist measure (3 in.), from 23 to 24 is 1 in., from 22 to 25 is B—24 by waist measure on square.

Draft curve from 11 through 25 to 19 and from 9 through 24 to 19.

Measure length of skirt on line 1—M to 33.

Measure same amount from 17 to 26 and from 7 to 27.

Draft curve from 33 through 26 to 27.

Square all points down at right angles to line 1—3 noting how far each line extends.

This Skirt is made in three pieces and should be cut on line 14—28 and 17—26, this forms side piece.

Balance of draft from 8—26 to 7—27 forms a skirt for each leg and fulness of plaits in back prevents any appearance of skirt being divided when lady is standing.
RIDING HABIT SKIRT.

Measure
21 Waist Measure.
41 Hip Measure.
59 Length.

FOUNDATION LINES.

Draw construction line 1—2 and using this as a base square line 1—3.

From 1 to 2 is one-fourth of Hip Measure (10\frac{1}{2} in.) From 1 to 4 is C 41 (Hip Measure).

Square across point 2 at right angles to line 1—2 and square down point 4 at right angles to line 1—3. From 5 to 6 is \frac{3}{4} in., from 5 to 7 is one-eighth of waist measure (3 in.), from 7 to 8 is \frac{1}{2} in.

From 2 to 9 is one-eighth of Hip Measure (3 in.), square across from point 9.

From 4 to first line across is one-third of waist measure (8 in.), square down to point 11. Draft curve from 8 to 11 and from 6 to 11.

From 9 to 12 is one-sixth of waist measure (1 in.) Draft curve from 6 to 12.

Line 13 to 14 simply shows where chamois skin should be placed.

From blank line to 15 is one half of Waist Measure and 1 in. added (13 in.)

Draft curve from 8 to 15.

From 11 to 16 is one-sixth of Waist Measure (4 in.)

From 16 to 17 is 1\frac{1}{4} in. From 15 to 18 is 1 in., from 18 to 19 is one-eighth of waist measure (3 in.)

Draft curve from 15 to 19 and from 19 to 17.

From 18 to 20 is one-eighth of Waist Measure (3 in.), from 20 to 21 is one-fourth of Waist Measure 6 in., draft curve 21 to 17.

From 20 to 22 is one-sixth of waist measure and \frac{1}{2} in. added (4\frac{1}{2} in.), from 22 to 23 is one-third of Waist Measure and 1 in. more (9 in.), from 22 to 24 is one-third of waist measure and 1\frac{1}{2} in. (9\frac{1}{2} in.), from 24 to 25 is one-third of Waist Measure and 1 in. (9\frac{1}{2} in.), from 24 to 26 is one-third of Waist Measure and 2 in. (10 in.), from 26 to 27 is one-eighth of Waist Measure and \frac{3}{4} in., from 27 to 28 is 1\frac{1}{2} in.

Draft curve from 21 to 23, 23 to 25 and from 25 through 26 to 28.

From 23 to 29 is 3 in., from 30 to 31 is 1 in., from 32 to 33 is 3 in., from 34 to 26 is 3 in. Apply waist measure from 15 to 19, 21 to 23, 29 to 30, 31 to 32, 33 to 34 and 26 to 28.

This should measure 2 in. more than full size of waist (26 in.), should it measure more make darts larger and if it measures less make darts smaller.

From 28 to 35 is one-half of Hip Measure (20\frac{1}{2} in.), from 35 to 36 is one-half of Hip Measure and 1 in. (21\frac{1}{2} in.), square down from 36 at right angles to line 35—36. From 36 to 37 is one-half of Hip Measure (20\frac{1}{2} in.), from 37 to 38 is one-sixth of Waist Measure (1 in.) Draft curve from 28 through 36 and 38 to Bottom of Draft 39, square across from 35 to 40 at right angles to line 28—35, from 35 to 40 is one-third of Waist and 1 in. (9 in.)

Square line to bottom of draft at right angles to line 35—40, hollow 1\frac{1}{4} in. on each side of T, draft curve from 25 through 40 and 41 to 43 and from 25 through 42 to 43.

Square line from 18 to bottom of draft 44, cut through on this line.

Measure length of skirt from 15 to 8, 6 through 12 to 45 and from 28 through 36 to 39.

From 24 to 43 is 10 in. less than length.

Draft curve from 45 through 44—43 to 39.
CAPE.

Measure.

Stand lady in front of mirror, place tape at front shoulder (point 10) and measure over shoulder and down along arm full length may be desired and take usual measures for waist.

First draft waist pattern same as plate iv, page 14, and place pattern on paper so that point F on back and point 10 on shoulder and point 6 on back and point 11 on shoulder will meet.

Draft from 10 to 28 and down, sweep through 25 and K to bottom of draft.

Draft from F to A and from A down back through 15½ to bottom of draft.

From 10 measure down length of Cape on line 25—K and hold at 10 and sweep from M to N.

The above gives full military cape, when you want less drapery, place back and shoulder together at point 6 and 11 and 5 in. apart from F to 10 and mark around back from 6 to F, F to A and A through 15 to bottom of draft.

Should you wish still less fulness, cut in front of waist 2 in. from 10 back to 2 in. from 6 and open front on this line, after front is opened cut the same as you opened back (from 10 to F).

Mark down line 25—K and around bottom same as you did back, this takes out two darts on each shoulder and makes a perfect fitting golf cape.

Add 1¼ in. from 28 to 29, 25 to 26 and M to P (for button stand). Draft line from 29 through 26 to P.

This Square (a duplicate of which is furnished with this Text Book) is a one-fourth reduction of large box wood square and will apply to the plates in this Text Book in the same manner that large square is used in making large drafts, except to full length box coat, newmarket and skirts.
<table>
<thead>
<tr>
<th>INDEX</th>
<th>PLATE</th>
<th>PAGE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application of Depth of Scye</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Automobile Coat</td>
<td>8</td>
<td>22-21</td>
</tr>
<tr>
<td>Blouse Waist</td>
<td>23</td>
<td>42-43</td>
</tr>
<tr>
<td>Collars</td>
<td>22</td>
<td>44</td>
</tr>
<tr>
<td>Cape</td>
<td>29</td>
<td>54-55</td>
</tr>
<tr>
<td>Double Breasted Jacket</td>
<td>2</td>
<td>10-11</td>
</tr>
<tr>
<td>Double Breasted Front</td>
<td>14</td>
<td>30-31</td>
</tr>
<tr>
<td>Double Breasted Vest</td>
<td>19</td>
<td>36-37</td>
</tr>
<tr>
<td>Divided Skirt</td>
<td>27</td>
<td>50-51</td>
</tr>
<tr>
<td>Eton Jacket</td>
<td>17</td>
<td>34-35</td>
</tr>
<tr>
<td>Fly Front Jacket</td>
<td>1</td>
<td>8-9</td>
</tr>
<tr>
<td>Full Box Coat</td>
<td>7</td>
<td>20-21</td>
</tr>
<tr>
<td>Full Length Box Coat</td>
<td>21</td>
<td>40-41</td>
</tr>
<tr>
<td>Five Gored Skirt</td>
<td>26</td>
<td>46-47</td>
</tr>
<tr>
<td>General Remarks</td>
<td></td>
<td>5</td>
</tr>
<tr>
<td>Glove Fitting Waist</td>
<td>4</td>
<td>14-15</td>
</tr>
<tr>
<td>Graded Inclines</td>
<td>13</td>
<td>28-29</td>
</tr>
<tr>
<td>Habit Skirt</td>
<td>28</td>
<td>52-53</td>
</tr>
<tr>
<td>Half Fitting Box Coat</td>
<td>6</td>
<td>18-19</td>
</tr>
<tr>
<td>Hood</td>
<td>22</td>
<td>41</td>
</tr>
<tr>
<td>Inclines 0, 1, 2</td>
<td>12</td>
<td>26-27</td>
</tr>
<tr>
<td>Inclines 3, 4</td>
<td>13</td>
<td>28-29</td>
</tr>
<tr>
<td>Jacket Waist</td>
<td>16</td>
<td>34-35</td>
</tr>
<tr>
<td>Ladies’ Cutaway</td>
<td>15</td>
<td>32-33</td>
</tr>
<tr>
<td>Measure</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>New Market</td>
<td>20</td>
<td>38-39</td>
</tr>
<tr>
<td>Raglan</td>
<td>10</td>
<td>24-25</td>
</tr>
<tr>
<td>Raglan Sleeve</td>
<td>11</td>
<td>25</td>
</tr>
<tr>
<td>Sleeve</td>
<td>9</td>
<td>23</td>
</tr>
<tr>
<td>Single Breasted Vest</td>
<td>18</td>
<td>36-37</td>
</tr>
<tr>
<td>Shirt Waist</td>
<td>24</td>
<td>42-43</td>
</tr>
<tr>
<td>Seven Gored Skirt</td>
<td>27</td>
<td>48-49</td>
</tr>
<tr>
<td>Square</td>
<td>30</td>
<td>55</td>
</tr>
<tr>
<td>Tight Fitting Jacket</td>
<td>5</td>
<td>12-13</td>
</tr>
<tr>
<td>Three Piece Skirt</td>
<td>35</td>
<td>44-45</td>
</tr>
<tr>
<td>Waist for Stout Lady</td>
<td>5</td>
<td>16-17</td>
</tr>
</tbody>
</table>