



Royal Canadian Mounted Police
Gendarmerie royale du Canada

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Specification

Skirt, Long, Blue

This document has 17 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglais
Français/French

The photograph on this page is for reference only.



RCMP VIEWING SAMPLE

A viewing sample, when available, will be supplied to the successful bidder.

This will be used for the guidance of the manufacturer in all factors not covered by this specification or referred to therein. Variation from the specification may appear in the sample in which case the specification shall govern.

It may be obtained from:

Royal Canadian Mounted Police
Uniform & Equipment Program
(440 Coventry Road, Warehouse Building)
1200 Vanier Parkway
Ottawa, Ontario
K1A 0R2

It will be sent “prepaid” and is to be returned “prepaid”.

The viewing sample shall be returned to the RCMP in the same condition as received by the manufacturer. Lost or damaged viewing samples shall be replaced by an identical item or the RCMP shall be reimbursed for the cost of an acceptable replacement.

SPECIFICATION

SKIRT, LONG, BLUE

1. Definitions

- 1.1 This specification shall govern the manufacture and inspection of Skirt, Long, Blue. The specific items covered under this specification with stock numbers is as follows:
- i. 6350 – Skirt, Long, Blue / Jupe longue bleue;
 - ii. 6351-100 – Skirt, Long, Blue, Special / Jupe longue bleue, taille spéciale.
- 1.2 This specification, pattern, drawing, viewing sample or other information issued in connection therewith, may only be used for specific enquiries, solicitations, or orders placed on behalf of the Royal Canadian Mounted Police.
- 1.3 This specification supersedes all previous specifications for Skirt, Long, Blue.
- 1.4 This specification has been translated into French from this original English language document.

2. Applicable Specifications

- 2.1 The following publications are applicable to this specification and to the issues in effect on the date of the solicitation, unless otherwise specified.
- 2.2 RCMP, G.S.1045-258, Cloth, Wool, Fine, Serge.
- 2.3 CAN/CGSB 4.131-93, Thread, Polyester, Polyester-Covered.
- 2.4 CAN/CGSB 4.2, Textile Test Methods; 5.1-M90 (2013), 4.1-2008, 6-2013, 9.2-M90 (R2013), 18.3-97 (R2010), 22-2004, 23-M90 (R2013), 25.1-97 (R2013), 29.1-M89 and 30-M90.
- 2.5 ISO, International Standards Organization; ISO 4915, “Stitch Types” and ISO 4916:1991, “Seam Types”.
- 2.6 CAN/CGSB 86.1-2003, Care Labeling of Textiles.

3. **General Requirements**

- 3.1 The article or material covered by this specification shall be free from material and manufacturing defects that may affect its appearance or serviceability. In all particulars not covered by this specification or contract documents, production shall be equivalent in all respects to the pattern and viewing sample.
- 3.2 **Design** – The Skirt, Long, Blue shall be a formal length long skirt, fully lined with an invisible slide fastener closure and back vent. This formal skirt shall be constructed from material purchased from the RCMP and shall conform to the RCMP pattern, attached drawings, and viewing sample which are part of this specification.

4. **Detail Requirements**

4.1 **Components**

- 4.1.1 **Shell Material** – The shell material is RCMP stock item number 9300-000, Cloth, Wool, Fine Serge and shall be purchased from the RCMP.
- 4.1.2 **Lining** – The lining shall be 100 % acetate, navy in colour and shall meet the requirements outlined in Table I forming part of this specification. Monterey Textiles style #1931 is known to meet the above requirements.
- 4.1.3 **Slide Fasteners** – The slide fastener shall measure 8" (inches) in length for all sizes. Shall be a closed ended, “Invisible” style slide fastener, complete with one bottom and two top stops. It shall have an auto lock slider with die cast zinc pull tab and body. The tape, comprised of a polyester yarn shall be a comparable colour match to the shell material. YKK CHC-26 7/16 PTY Only.
- 4.1.4 **Interlining - (Waistband)** – The interlining shall be woven, cotton or cotton blend with a mass of 60g/m² - 80g/m². It shall be black or grey in colour and shall have polyamide or a polyamide blend resin sufficient in concentration for no delamination to occur after three commercial dry cleanings.

Note: Care shall be taken to ensure that the fusible interlining after application to the shell material, shrinks no more than the predicted shrinkage of the shell material. The fused waistband shall show no evidence of colour migration or any

degradation of the shell material. All fusing operations shall be single fuse only. Double fusing is unacceptable.

- 4.1.5 **Button - (Waistband)** – The button shall be two or four hole, 15 mm, plastic composition buttons black or dark navy similar in colour to the shell material.
- 4.1.6 **Seam and Stitching Thread** – The thread shall be polyester wrap, polyester core, Tex 40, Class B of matching colour, meeting CAN/CGSB 4.131-93.
- 4.1.7 **Hanger Loops** – Commercially available ribbon style hanger loop, black or dark blue to match the shell material, 0.5 cm -1 cm in width, 9-10 cm finished length, 18 – 20 cm cuttable length
- 4.2 **Size and Dimensions** – Skirt, Long, Blue to this specification shall be supplied in the sizes specified by the RCMP and to the dimensions given in the scales of measurements and drawings forming part of this specification. The garment components shall be shaped, dimensioned and positioned in accordance with the pattern components and pattern requirements as outlined in Appendix “A” forming part of this specification.
- 4.3 **Construction**
- 4.3.1 **Stitching & Seams** – Using the specified thread, there shall be not less than 3 and no more than 4 stitches per cm. All stitching shall be lock or lock chain stitch. The beginning and ending of all stitching shall be securely backstitched and tacked unless secured by other stitching. Where seaming, turning and stitching is required the edges shall be properly worked out before stitching. Side seams and inseams shall be constructed in accordance with a plain seam type #1.01.01 and serging type #6.01.01(edge finishing) of ISO 4916:1991.
- 4.3.2 **Body** – The skirt shell shall be cut from the material specified in Para. 4.1.1 and lined with the material specified in Para. 4.1.2. All shell components shall be cut from the same piece of material and in the direction of the warp.
- 4.3.3 **Front - Shell Material** – There shall be two uncut waist suppression darts, in the front with a finished length of 10.5 cm ± 5 mm, positioned as per the patterns, drawings and viewing sample. All darts shall be securely finished on the ends, and pressed towards the centre front of the skirt.

- 4.3.4 **Back - Shell Material** – There shall be two uncut waist suppression darts, in the back with a finished length of 12 cm \pm 5 mm, positioned as per the patterns, drawings and viewing sample. All darts shall be sewn securely and finished on the ends, and pressed towards the centre back of the skirt. An invisible slide fastener as specified in Para. 4.1.3 with a finished length of 16.5 – 18 cm shall be applied to the center back seam opening at the top of the back seam. Care shall be taken to ensure that the invisible slide fastener after construction lays flat with no puckers. The lower center back of the skirt shall be equipped with an overlap vent (open kick pleat), opening 50 cm \pm 1 cm down from below the waistband as identified on the pattern. The overlap vent (kick pleat) shall close left over right and shall be reinforced at the opening to prevent tearing of the pleat.
- 4.3.5 **Front Lining** – The front lining shall have two sewn-in suppression darts located in the same position as on the shell. Both darts shall be sewn securely and finished on the ends, and pressed towards the centre front of the skirt.
- 4.3.6 **Back Lining** – The back lining shall have two sewn-in suppression darts located in the same position as on the shell. Both darts shall be sewn securely and finished on the ends, and pressed towards the centre of the skirt. The lining at centre back shall be sewn to each side of the slide fastener. The lining of the overlap vent (kick pleat) shall be attached to both sides of the pleat opening. Care shall be taken to ensure that the ease has been evenly distributed on the back seam when attaching the lining to the skirt. No puckering of shell material shall be noticeable on the face side of the skirt.
- 4.3.7 **Joining - Side Seams** – The front and back side seams of the lining and shell material shall be sewn together leaving a 2.5 cm \pm 5 mm seam allowance. All side seams shall be serged and the seams pressed open.
- 4.3.8 **Waistband** – The waistband shall be made of one piece of shell material. It shall be interlined with the material specified in Para. 4.1.4, and folded at the top edge to form a consistent 3 cm \pm 3 mm waistband. The ends of the waistband shall be seamed to form the required shapes. The waistband shall be attached to the skirt and skirt lining with the shaped edge applied to the back left side and the inside extension on the back right. Hanger loops, as specified in Para. 4.1.7, shall be positioned and sewn securely in the side seams on the inside of the waistband. The inside edge of the waistband shall be serged and placed flat on the inside of the skirt. All edges of the waistband shall be top stitched using a 1.5 mm gauge. The button specified in Para. 4.1.5 shall be sewn to the right side of the waistband, with its corresponding button-hole sewn to the left side of the waistband.

4.3.9 **Hem** – The shell and lining hem of the skirt shall be serged and left unfinished with a serging type #6.01.01 (edge finishing) of ISO 4916:1991 using matching thread as specified in Para. 4.1.6.

4.3.10 **Pressing** – Each skirt shall be properly pressed in accordance with good commercial practice and to the satisfaction of the R.C.M.P.

4.3.11 **Marking & Cleaning Instructions and Identification Labels** – Each skirt shall have a durable label affixed to the inside bottom of the waistband positioned to the left of centre back measuring no more than 5 cm x 4 cm. The label information shall be as outlined below in a text no less than a size 8 font. The text shall be of permanent inks of a contrasting colour lasting the life of the garment. The label shall be completed in accordance with the following information in English and French.

1. Item name in English as written in Para. 1.1.
2. Item name in French as written in Para. 1.1.
3. RCMP stock number - reference contract documents. (Ex. 6350 000)
4. Size and height group of the article, combining the size designation referenced in the English and French contract documents. (Ex. 30 (12))
5. Date of manufacture, in numeric format year/month (Ex. 2001/11)
6. Your manufacturer identification (Company name or number).
7. Print information as shown below.

1		
2		
3		
4		
5		
6		
7	DRY CLEAN ONLY.	NETTOYAGE À SEC SEULEMENT.
	Steam iron – medium	Repassage à vapeur – à température moyenne

5. **Quality Assurance Provisions**

- 5.1 **Responsibility for Inspection** - Unless otherwise stipulated in the contract, it is the prime contractor's responsibility to satisfy the RCMP, Uniform and Equipment Program that the material and services being supplied conform to this specification. This may be accomplished by performing the tests specified in this specification or by demonstrating to the satisfaction of the RCMP, Uniform and Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor must use any independent, North American, ISO 9001 certified and ISO 17025 "Textile" certified testing facilities. Certification will be required. Note: CTT Group Inc., Quebec, is known to meet this requirement.
- 5.2 The RCMP, Uniform and Equipment Program reserves the right to perform any inspection considered necessary to ensure the material and services conform to the specified requirements. For the purpose of inspection, a portion of each delivery not exceeding two percent or two out of any number delivered under 100 may be put to tests that could destroy the articles. If found to be inferior or not in accordance with this specification, all articles so destroyed shall be replaced by others of proper quality and pattern at the expense of the contractor. The entire delivery may also be rejected if it is found that articles previously rejected due to non-repairable defects are redelivered for inspection.
- 5.3 The contractor will be promptly notified when any articles are not accepted and such articles will be returned at the contractor's risk and expense.

6. **Scale of Measurement Definitions and Location References**

(Refer to the Scale of Measurements and Drawing No. 1).

- 6.1 **Waist Circumference (total circumference)** - When the waistband is closed, the waist shall be the total circumference from centre back to centre back at the centre of the waistband. (A).
- 6.2 **Seat Circumference (total circumference)** - When placed flat, the seat shall be measured across the width of the skirt at the distance specified in the drawing from the bottom of the waistband. The result shall be doubled to measure total circumference. (B).
- 6.3 **Hem Circumference (total circumference)** - When placed flat, the hem shall be measured across the width of the skirt at the bottom with the pleat closed. The result shall be doubled to measure total circumference. (C).
- 6.4 **Back Length** - The length shall be the distance measured on the centre back seam from the bottom of the waistband to the unfinished hem. (D).

SCALE OF MEASUREMENTS – SKIRT, LONG, BLUE

SIZE	BODY MEASUREMENTS		FINISHED GARMENT MEASUREMENTS			
	WAIST	SEAT (16.5 cm down at center front from natural waist)	WAIST CIRC.	SEAT CIRC. (16.5 cm down at center front below waistband)	HEM CIRC. (pleat closed)	BACK LENGTH (Bottom of waistband to unfinished bottom)
24 (6)	61	85.5	62	88.75	94.25	126
26 (8)	66	90.5	67	93.75	99.25	126
28 (10)	71	95.5	72	99	104.25	126
30 (12)	76	100.5	77	104	109.5	126
32 (14)	81	105.5	82.25	109	114.5	126
34 (16)	86	110.5	87.25	114.25	119.75	126
36 (18)	91	115.5	92.5	119.25	124.75	126
38 (20)	96.5	120.5	97.75	124.25	129.75	126
40 (22)	101.5	126	102.75	129.5	135	126
42 (24)	106.5	131	108	134.5	140	126
44 (26)	112	136	113.25	139.5	145	126
46 (28)	117	141	118.5	144.75	150.25	126
48 (30)	122	146	123.5	149.75	155.25	126
TOLERANCE ±			1.5 cm	1.5 cm	2 cm	2 cm
MEASUREMENT LOCATION			A	B	C	D

NOTE: All measurements are in centimetres unless otherwise indicated.

TABLE I – Lining

		SPECIFICATION	TESTED BY CAN/CGSB-4.2
1	Colour	Similar shade to shell material (no requirement to match exactly)	
2	Fibre Content	100% Acetate	
3	Weave	2/1 Twill “Z” Direction	
4	Mass	110 ± 8 g/m ² (102 - 118)	• Method 5.1-M90 (R2013)
5	Width	140 cm (min.)	• Method 4.1-2008
6	Yarns per 10 cm	Warp 560 (min.) Weft 220 (min.)	• Method 6-2013
7	Dimensional Change In Wetting	Warp 2% (max.) Weft 2% (max.)	• Method 25.1-97 (R2013)
8	Dimensional Change In Dry Cleaning (3 cycles)	Warp 2% (max.) Weft 2% (max.)	• Method 30-M90
9	Breaking Strength	Warp 350 Newtons (min.) Weft 150 Newtons (min.)	• Method 9.2-M90 (R2013)
10	Colourfastness to Light	AATCC L3 or better	• Method 18.3-97 (R2010)
11	Colourfastness to Crocking	Grey scale 4 (min.) Dry Grey scale 3 (min.) Wet	• Method 22-2004
12	Colourfastness to Perspiration	Grey scale 4 (min.) Colour Change Grey scale 3 (min.) Staining on Acid & Alkaline	• Method 23-M90 (R2013)
13	Colourfastness to Dry Cleaning	Grey scale 4 (min.) Colour Change Grey scale 4 (min.) Staining	• Method 29.1-M89

APPENDIX A

Sealed Pattern Identifier

Pattern #: 1045-165
Titles: Skirt, Long, Blue

Paper Patterns - Paper patterns are available from the RCMP, Uniform and Equipment Program, Ottawa Ontario, under Pattern # G.S. 1045-165 Skirt, Long, Blue. Firms requested to produce Pre-contract Award Samples will be provided with the base pattern only. The full set of patterns either in individual sizes or as a graded nest will be provided to the successful bidder after the contract is awarded.

The paper patterns include seam allowances, drill holes and/or placement templates. Contractors may make changes required to suit their production process, however, the design and grade shall not be affected or changed.

All shell parts must be cut in the direction indicated on the grain line of the pattern pieces.

All patterns are the property of the RCMP and must be returned upon completion of the contract.

Pattern Pieces - This design has 7 pattern components.

Legend:	
Shell Material	= Para. 4.1.1
Lining Material	= Para. 4.1.2
Cut 1 Single	= Cut 1
Cut 1 Paired (RSU)	= Cut 2 = Right Side Up

Pattern Components	Nomenclature	Quantity to be cut	Material
# 1 of 7	Front	1 Single RSU	Shell Material
# 2 of 7	Back	1 Paired	Shell Material
# 3 of 7	Waistband	1 Single RSU	Shell Material
# 4 of 7	Waistband Interlining	1 Single RSU	Interlining
# 5 of 7	Front Lining	1 Single RSU	Lining Material

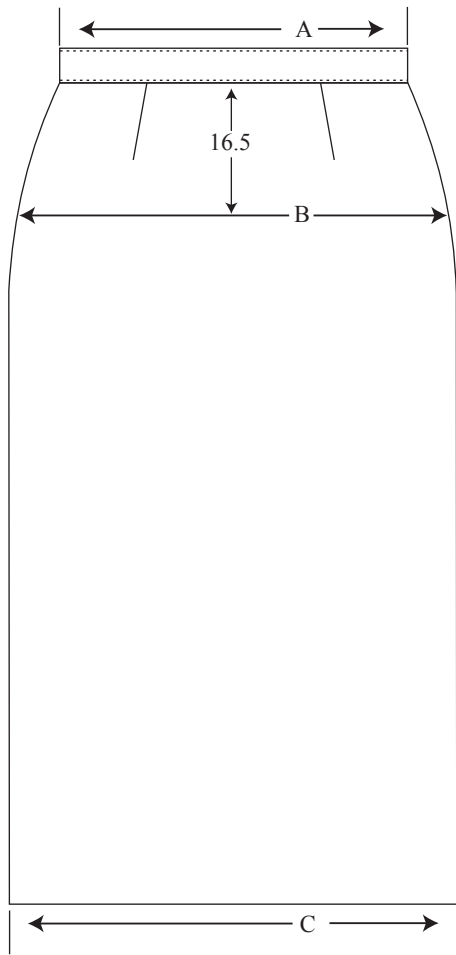
Pattern Components	Nomenclature	Quantity to be cut	Material
# 6 of 7	Lining - Left Back	1 Single RSU	Lining Material
# 7 of 7	Lining - Right Back	1 Single RSU	Lining Material

SKIRT, LONG, BLUE

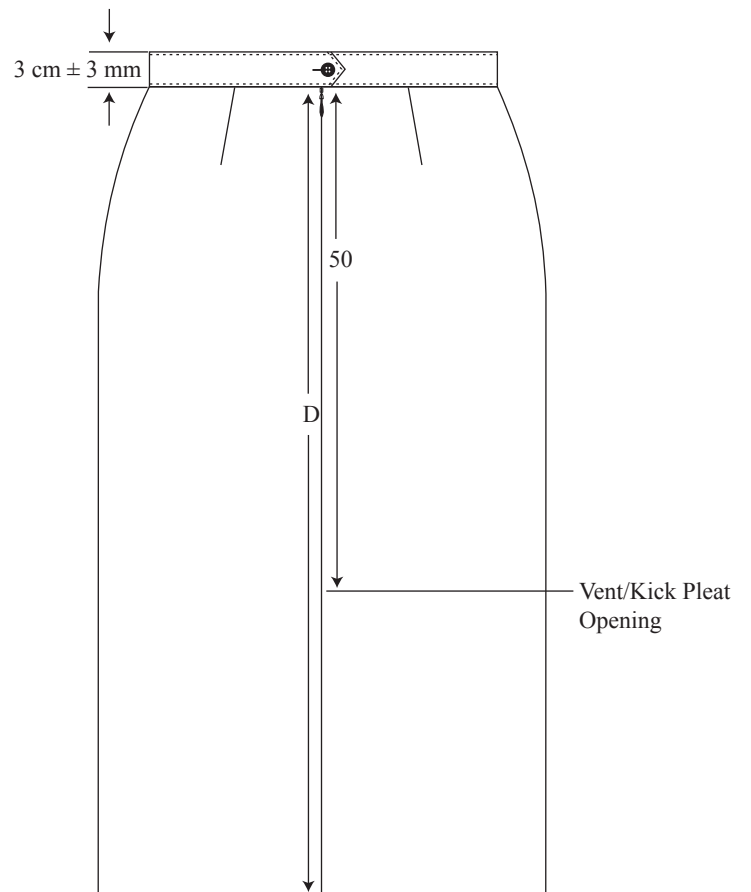
G.S.1045-165

MEASUREMENT LOCATION

Dwg. 1



Front Outside View



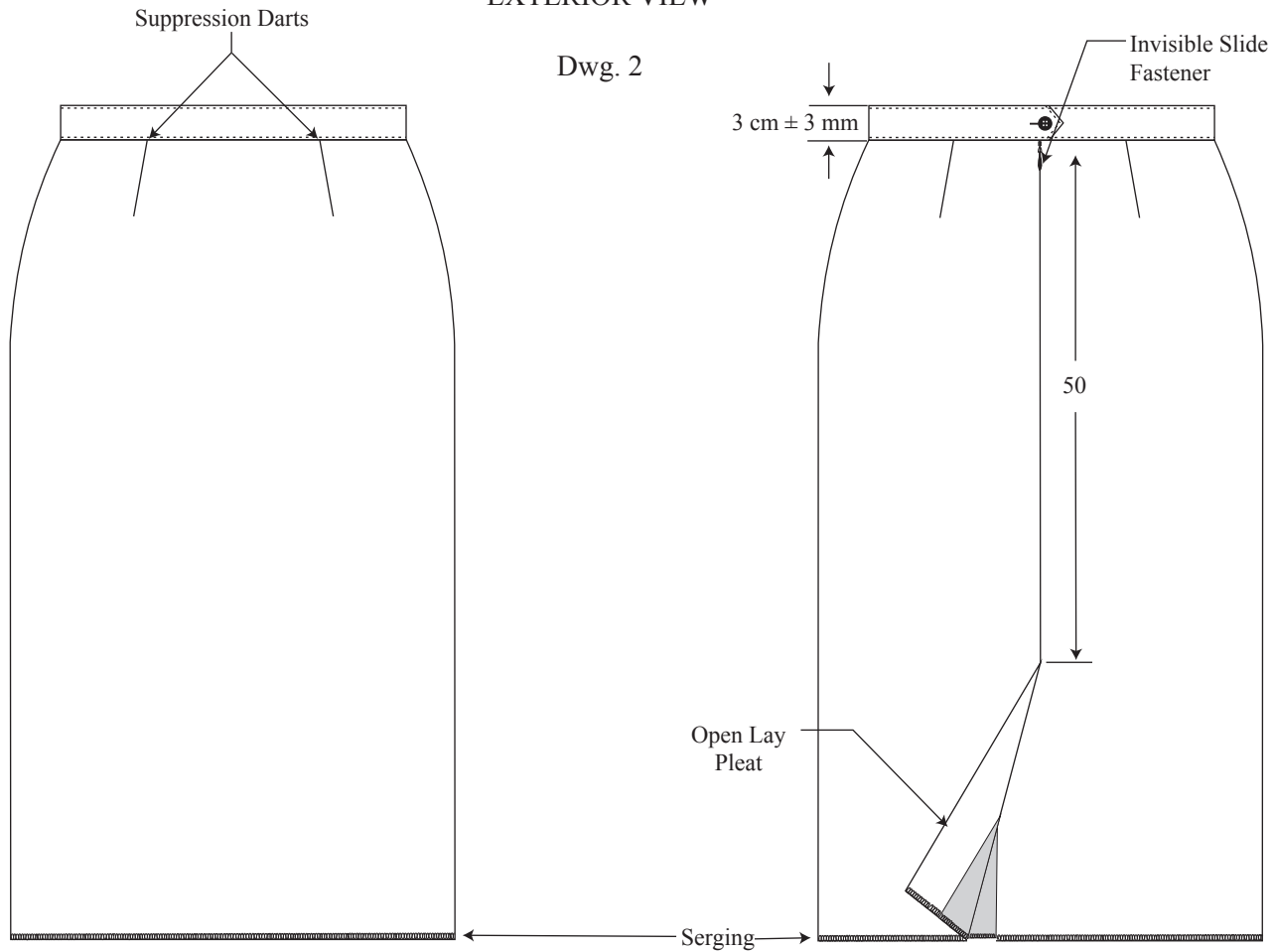
Back Outside View

NOT TO SCALE

All measurements are shown in centimeters, unless otherwise indicated.
± 0.5 cm tolerance acceptable unless otherwise indicated.

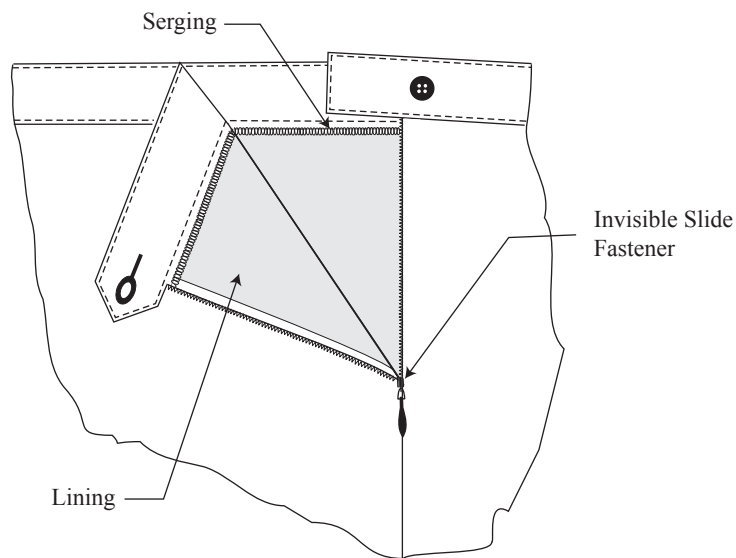
EXTERIOR VIEW

Dwg. 2



Front Outside View

Back Outside View



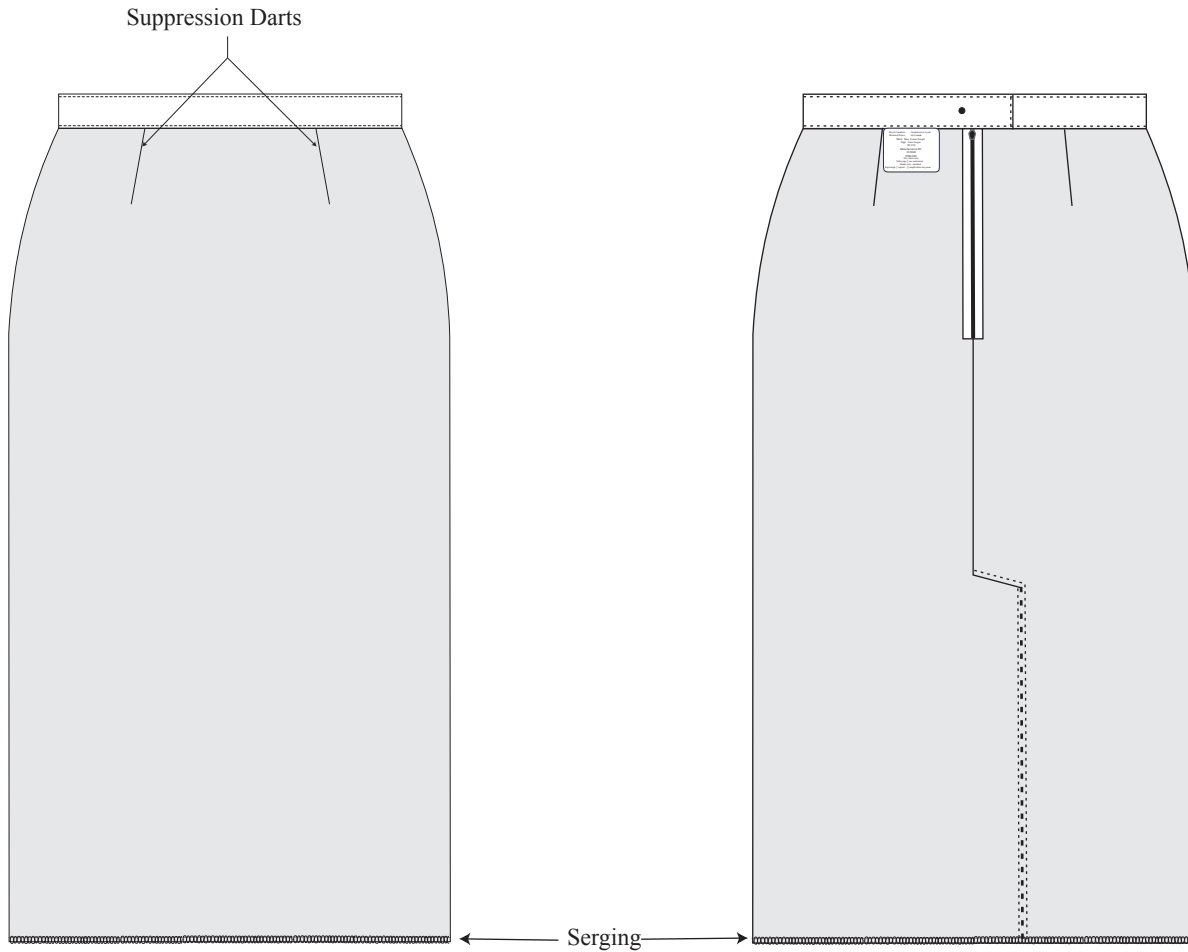
Back Opening Detail

NOT TO SCALE

All measurements are shown in centimeters, unless otherwise indicated.
± 0.5 cm tolerance acceptable unless otherwise indicated.

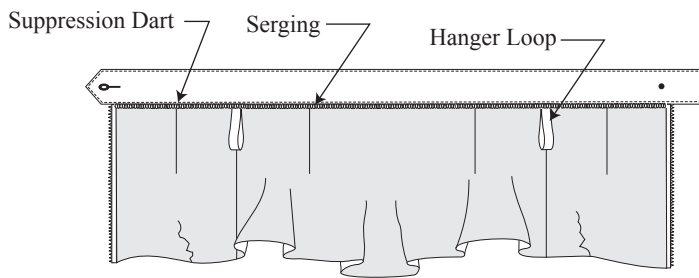
INTERIOR VIEW (LINING)

Dwg. 3

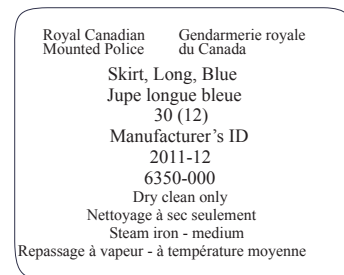


Front Inside View

Back Inside View



Waistband, Inside View



Label Sample

NOT TO SCALE

All measurements are shown in centimeters, unless otherwise indicated.
± 0.5 cm tolerance acceptable unless otherwise indicated.