

Diamond Cut Dress

Shu Hwa Lin and Liezel Pagala

University of Hawai'i, Mānoa, HI 96822 USA

Keywords: Diamond-cut, On-piece-pattern, bias-cut

Measurement: The bust, waist, and hip measurements are as follows: 32.0 inches, 27 inches, and 37.5 inches.

Design Statement:

The purpose of this project is to demonstrate the design process using a one-piece pattern design to create an elegant draped dress with bias seams. Aesthetically, this project is a medley of various factors (bias seams, lack of side seams, and one pattern piece), brought together through two theories: the Grecian design principle of draping and Madeleine Vionnet's bias cut (Tortora & Marcketti, 2015; Rissanen, 2010).

This diamond cut dress design is the result of a pilot study to explore the possibilities to use a diamond shape line to replace side seams and the waistline. First, a total of three pattern pieces were developed by the draping method to create a modern one-piece dress. Then, the drafting method was used to connect the three pieces to form one pattern piece with four box-tucks, one shoulder seam, one dart, five bias seams, and a bias a-symmetrical hem. Due to the complicated seams, tucks and dart, three pattern samples were tested to complete a modified pattern. This design is based on the classic Grecian design principle of draping without traditional side seams. The side seams are replaced by bias seams such as Madeleine Vionnet's (French, 1876-1975) bias cut effect (Kirke, 1998). Additionally, this design is an attempt to develop a better system of using both draping and drafting successfully and efficiently.

Once the pattern was finished, it was placed on 60" width fabric and cut out. Machine and hand-stitched construction techniques were employed to complete the garment. This diamond cut dress design uses a one-piece pattern, one invisible zipper and five bias seams.

Materials: 70% cotton, 30% Rayon; Sky blue and white pencil fine strips; unbalanced plain weave.

References

Tortora, P. G. & Marcketti, S. B. (2015). *Survey of historic costume* (6th ed.). New York: Bloomsbury.

Rissanen, T. (2010). Types of fashion design and patternmaking practice. *Nordes*, (2), 1-5.

Kirke, M. (1998). *Madeleine Vionnet*. San Francisco : Chronicle Books.

Images



Front view

Back view



Bias effect at side

Bias seams replaced side seams