



baiba Ladiga

BAIBA LADIGA- KOBAYASHI

SUSTAINABLE AND ZERO
WASTE FASHION DESIGN

THE QUANTITY OF LEFTOVERS PER ANNUM IS IMMENSE. ABOUT 15% OF THE FABRIC IS WASTED DURING CUTTING PROCESS.





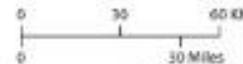
EVEN ACCORDING TO OUR OPTIMISTIC SCENARIO, THE WORLD WOULD CREATE 40 BILLION SQUARE METERS OF LEFTOVER TEXTILE PER YEAR, ALMOST ENOUGH TO COVER THE ENTIRE REPUBLIC OF ESTONIA WITH WASTE.

*<http://reverseresources.net/news/how-much-does-garment-industry-actually-waste>

ESTONIA
(Outline Map)



PRE-CONSUMER
ZERO-WASTE
FASHION
ELIMINATES
WASTE DURING
MANUFACTURE



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(Updated on 2nd Jan, 2015)



PRE-CONSUMER ZERO
WASTE. CONCEPT TO
AVOID WASTE IN THE
PRODUCT
DEVELOPMENT PROCESS.

TRANSFORMER JACKET – AVOIDING LEFTOVERS BY BAIBA LADIGA







SUSTAINABLE FABRICS





krishna kordage



14) BLAW2016 MOD0014 BLACK LINEN ZERO WASTE JACKET 100% LINEN
5) BLAW2016 MOD0005 BLACK JERSEY DRAPE DRESS/ 95% COTTON/5% ELASTANE SINGLE JERSEY

krishna kordage



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1. ZERO WASTE METHOD - DRAPING





Creative Draping-Zero Waste Dress

Nicole Bisono

JEAN SAUNG COLLECTION - ZERO WASTE METHOD DRAPING

Emergence 2012

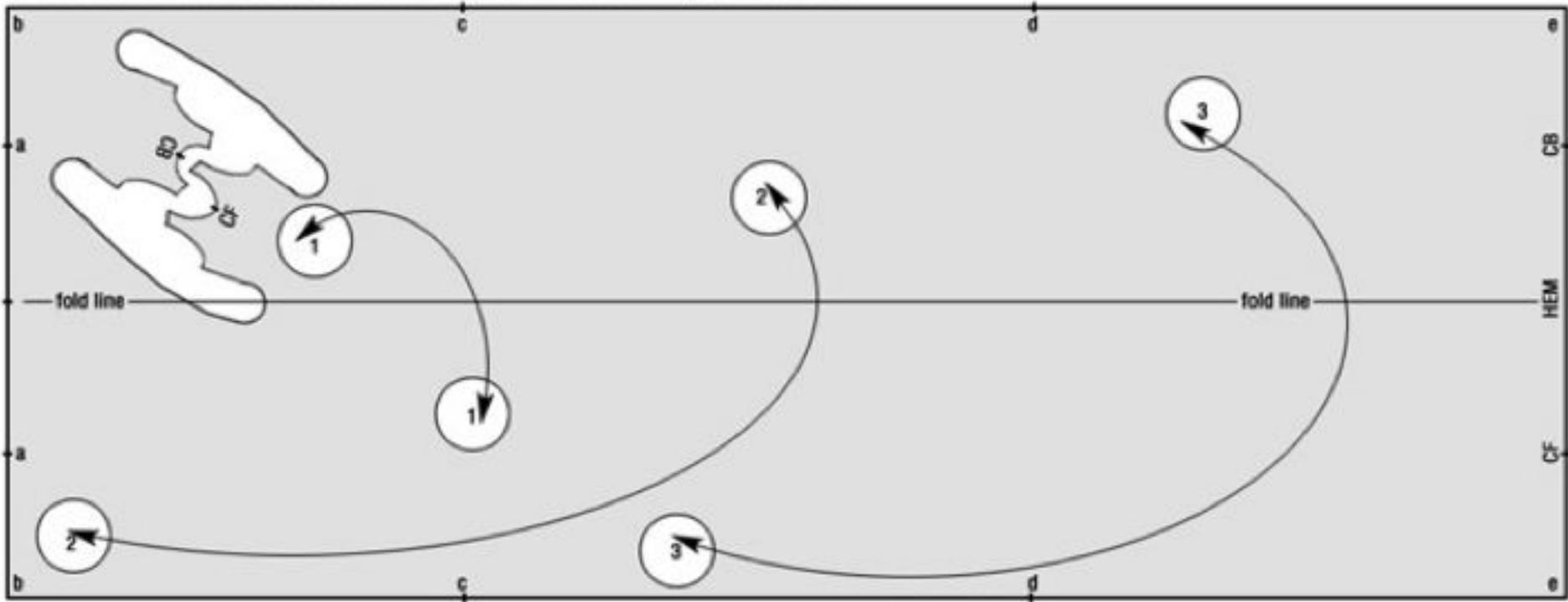




SOOKHYUN KIM
RECTANGLE
ORIGAMI DRESS

JULIAN ROBERTS- SUBTRACT CUTTING

8 HOLE SUBTRACTION DRESS PATTERN - Cut at Liverpool John Moores University, 13th March 2008.



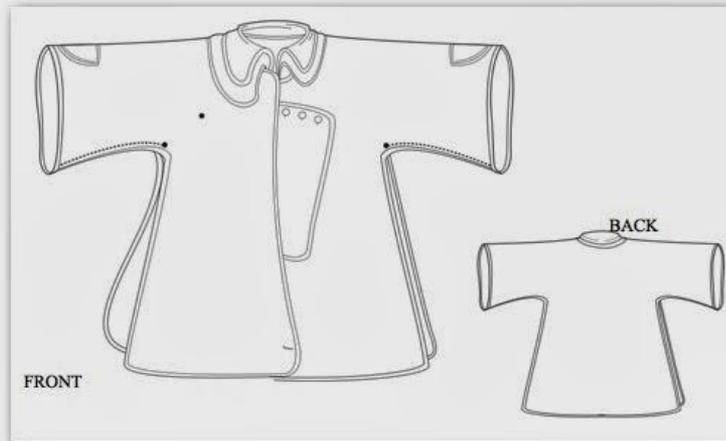


JULIAN ROBERTS

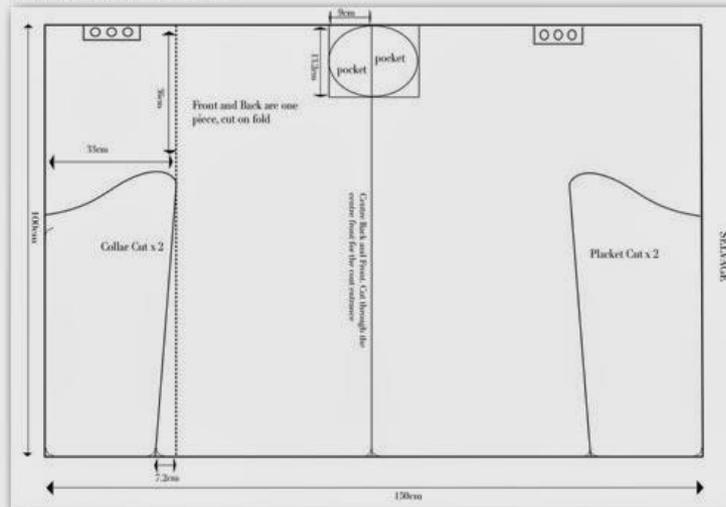


2. ZERO WASTE FASHION METHOD - CUTTING

TECHNICAL DRAWINGS



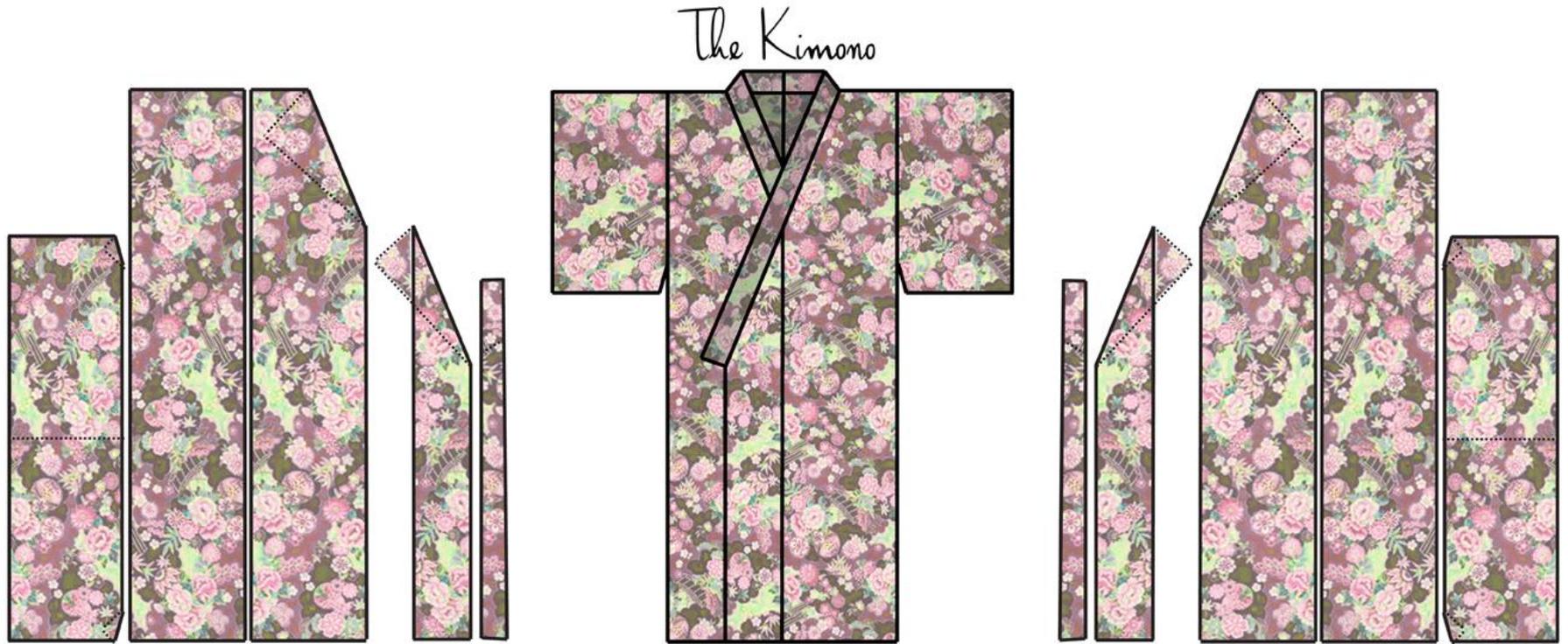
PATTERN LAYOUT

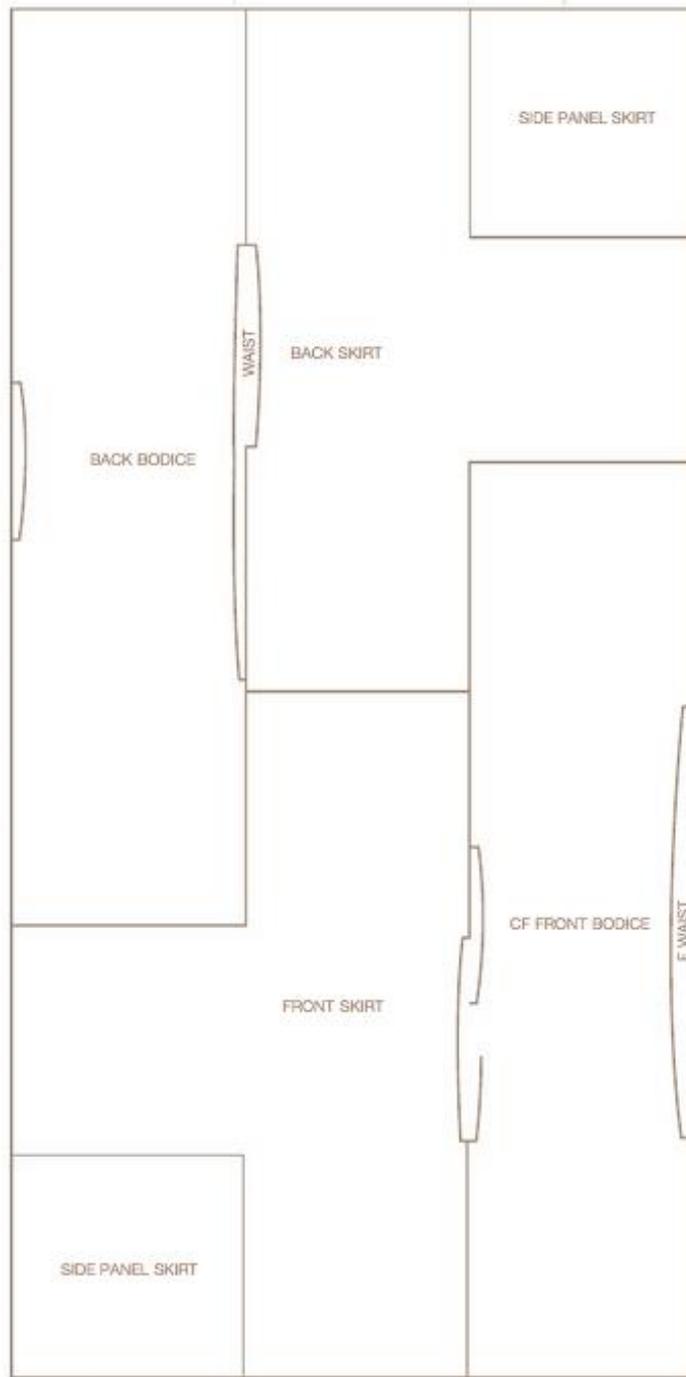


KIMONO CAPE-COAT ZERO-WASTE PROJECT BY ELENA WORKSHOP



ZERO WASTE DESIGN - JAPANESE KIMONO



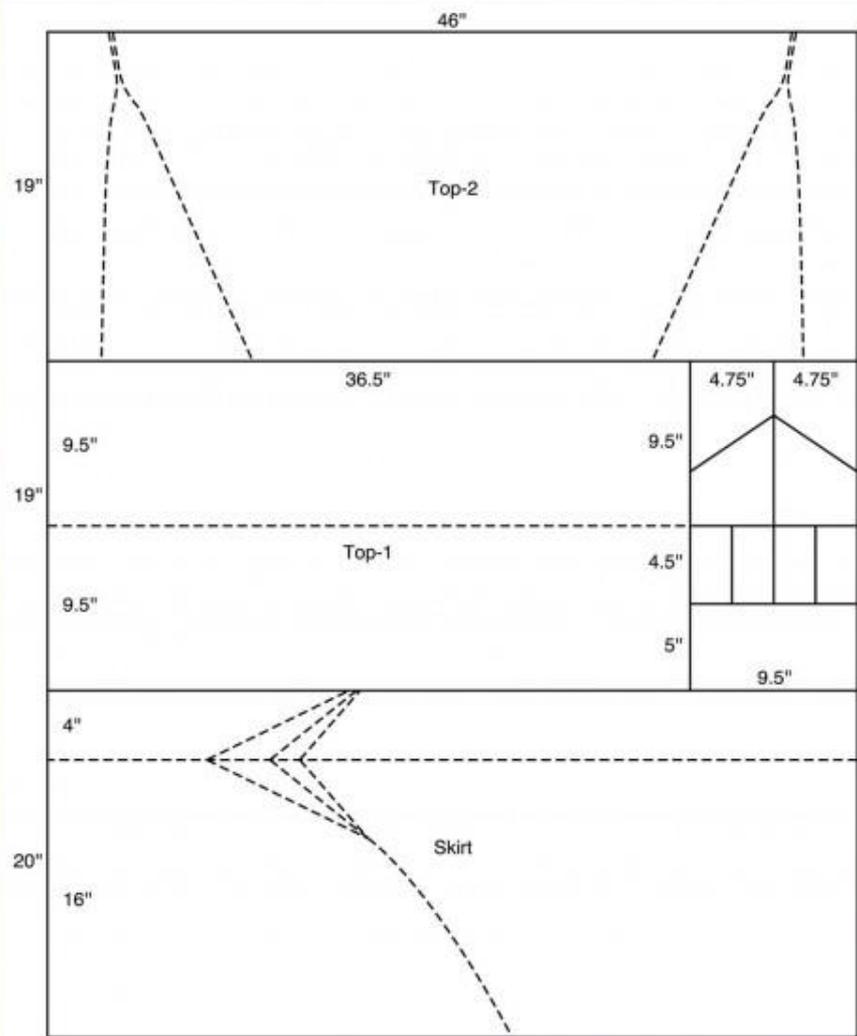


ZANDRA
RHODES

“DUELLING DESIGNS” ZERO WASTE SHAPES

Zero Waste Toiles





Zero-waste paper pattern • 零廢棄便服設計紙樣板

VICTOR, TANG CHI SHING

FUNDAMENTAL • 源

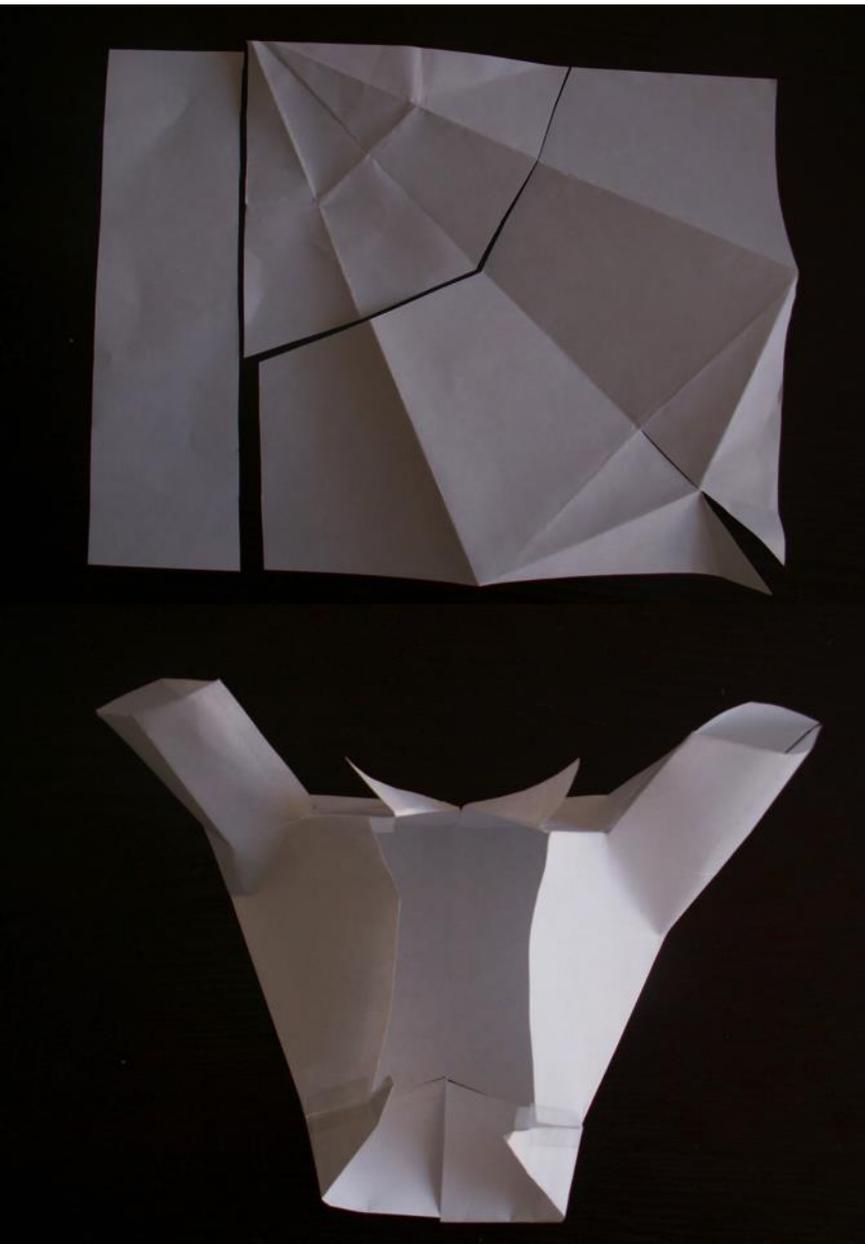
DR MARK LIU EXHIBITION “WEAR GOOD” 2009. KOREA.
ZERO WASTE GARMENTS MADE WITHOUT SEWING MACHINE



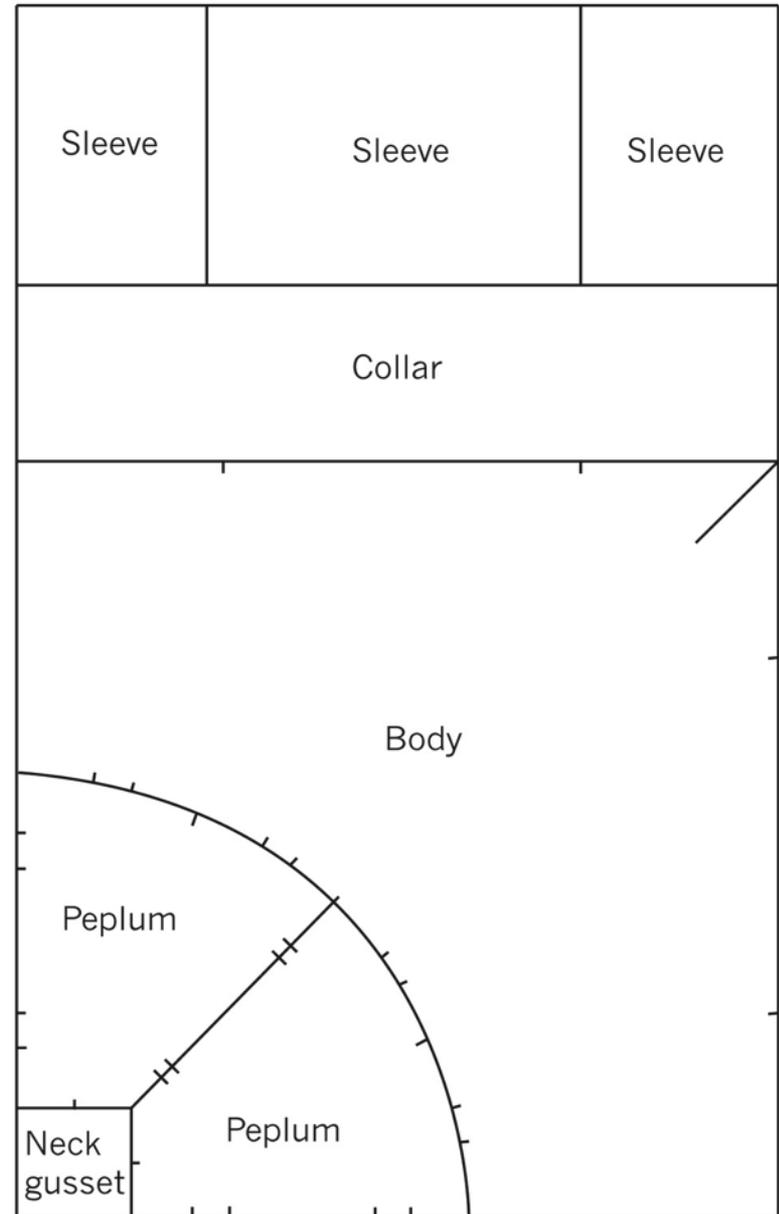
DR MARK LIU - ZERO CUTTING METHOD



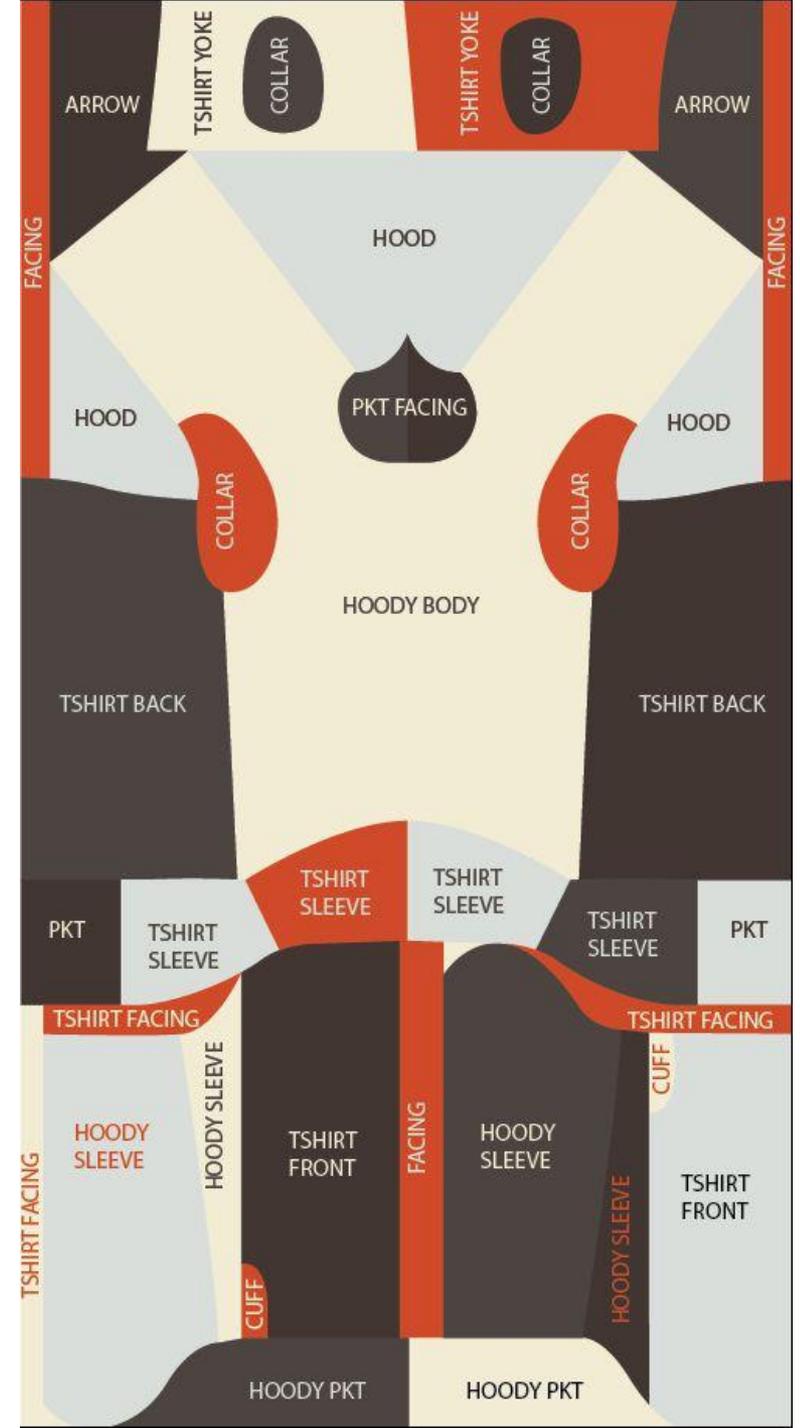
TIMO RISSANEN



Sheet width 136cm, sheet length 217cm

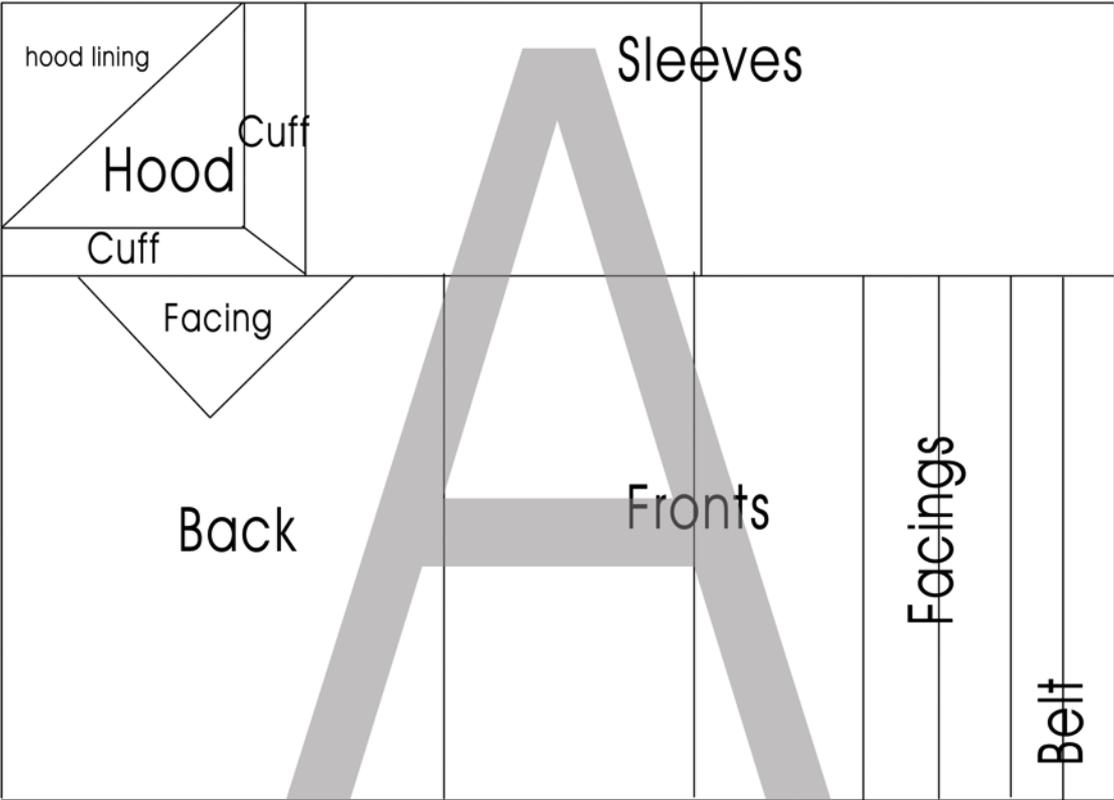


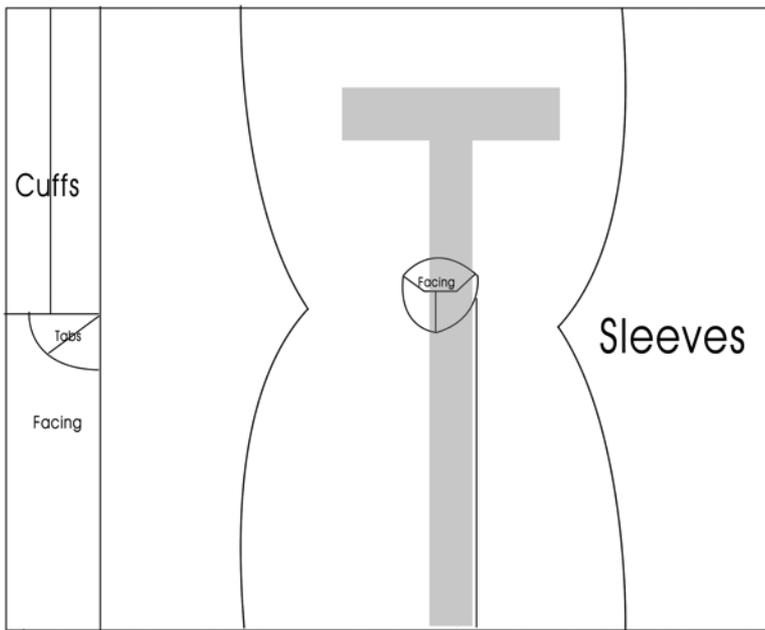
HOLLY McQUILLAN



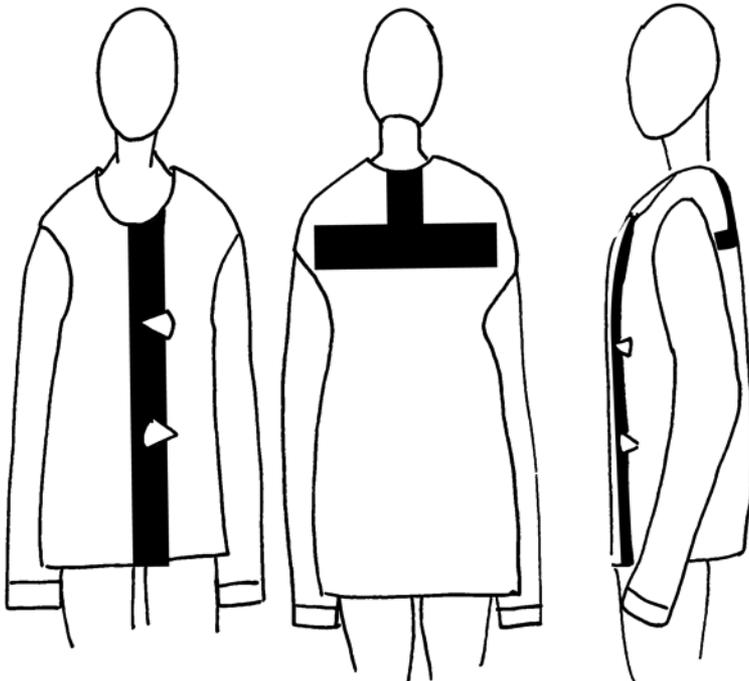
FRANKI CAMBELL





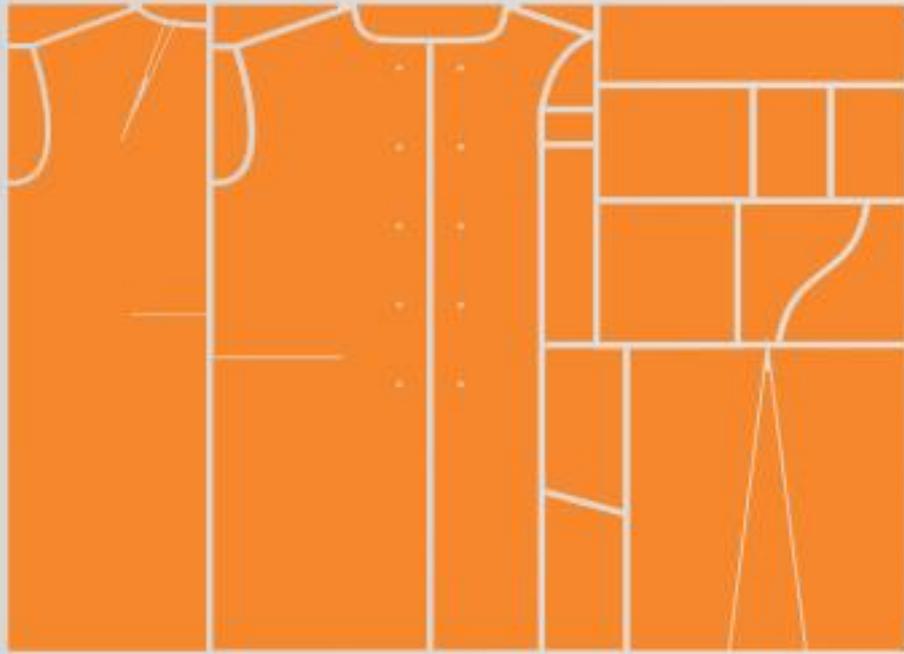


TYPEFAIR PROJECT



JOE O'NEILL STUDY WORK





JOE O'NEILL STUDY WORK



On average, around 15% of the fabric used in a traditionally produced garment is wasted when the pattern is cut out.



The zero waste design process starts with reducing the garment to its core components, and carefully redesigning it.



The final garment retains all functionality of its traditional equivalent, without producing any of the fabric wastage.

3. ZERO WASTE : RECYCLE METHOD





“GET
REDRESSED”
EXHIBITION
HONKONG.
92 MILLION
TONS OF
TEXTILE WASTE
IS CREATED
ANUALLY .

REDRESSDESIGNAWARD.COM- WORLD'S LARGEST SUSTAINABLE FASHION DESIGN COMPETITION.RECONSTRUCTION TECHNIQUE

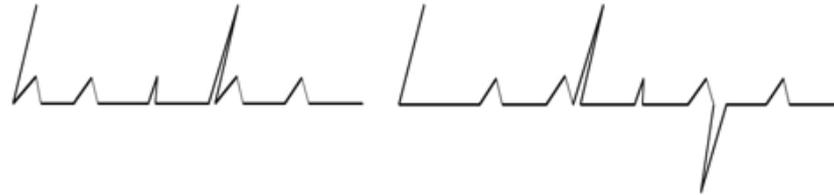




L U D E

tonle.com CAMBODIA



A handwritten signature in black ink, appearing to read 'Baiba Ladiga', with a stylized, elongated final stroke.

THANK YOU!

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