



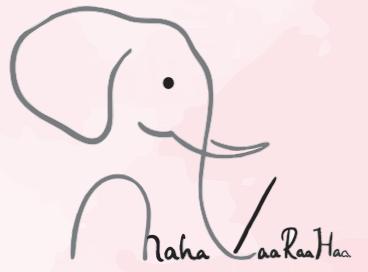
TECHNICAL PORTFOLIO

LOGITHA VARSHINI RAMESH
24854068
FINAL MAJOR PROJECT
Mangala Malar



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CAD DRAWING

DESIGNER

Logitha Ramesh

STUDENT NO.

24854068

GARMENT

Corset Dress

SIZE

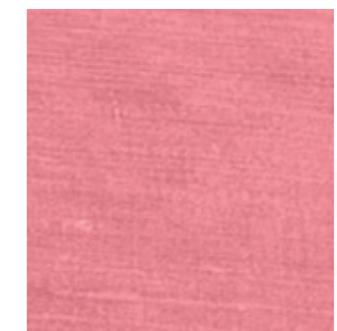
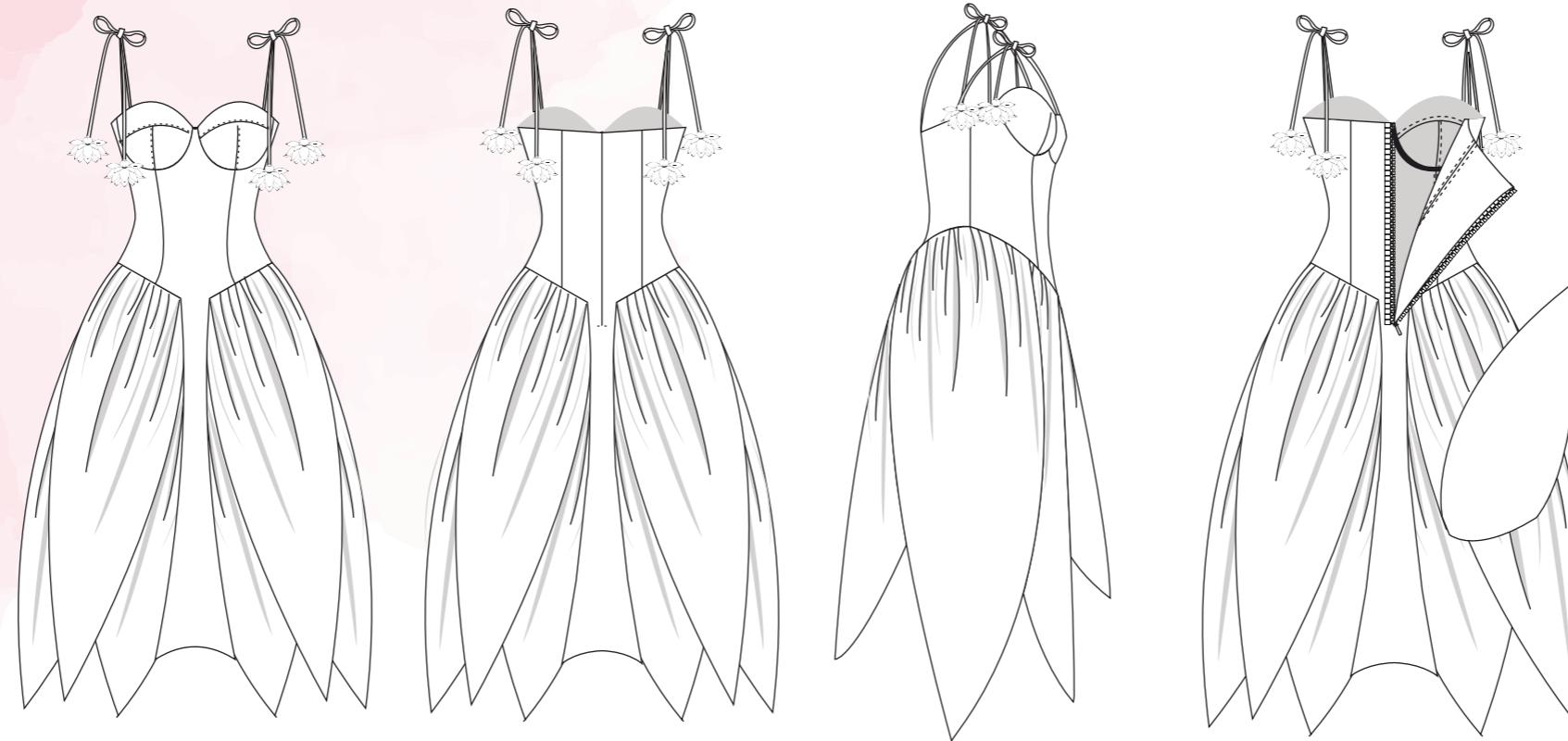
XS-XXL

SEASON

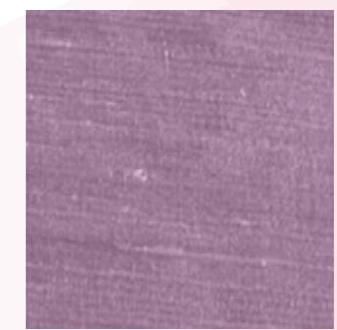
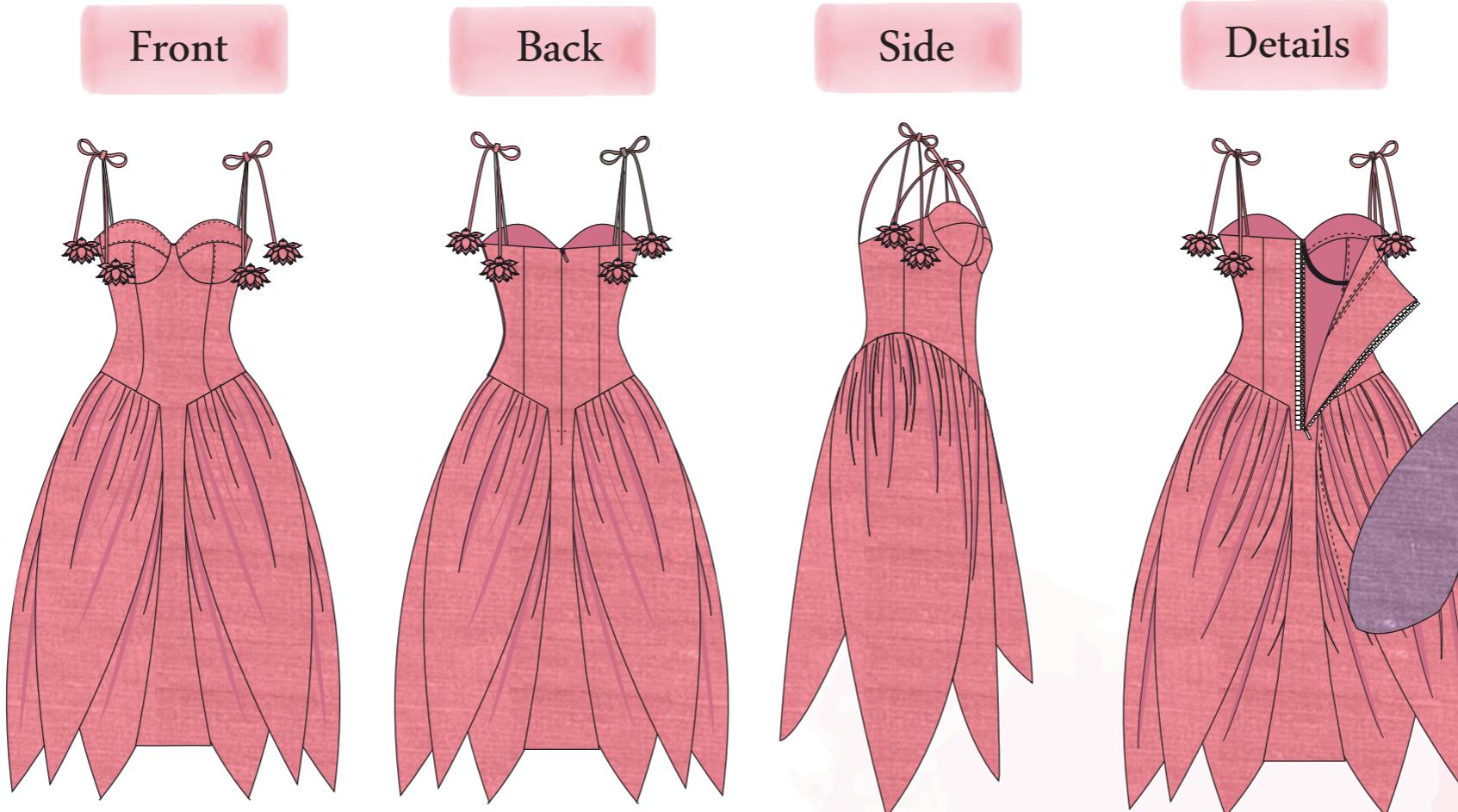
S/S 25-26

DATE

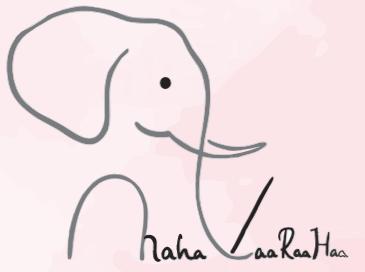
08-05-2025



Main
Pink Raw Silk



Main
Purple Raw Silk



DESIGN ROOM SPEC

DESIGNER

Logitha Ramesh

STUDENT NO.

24854068

GARMENT

Corset Dress

SIZE

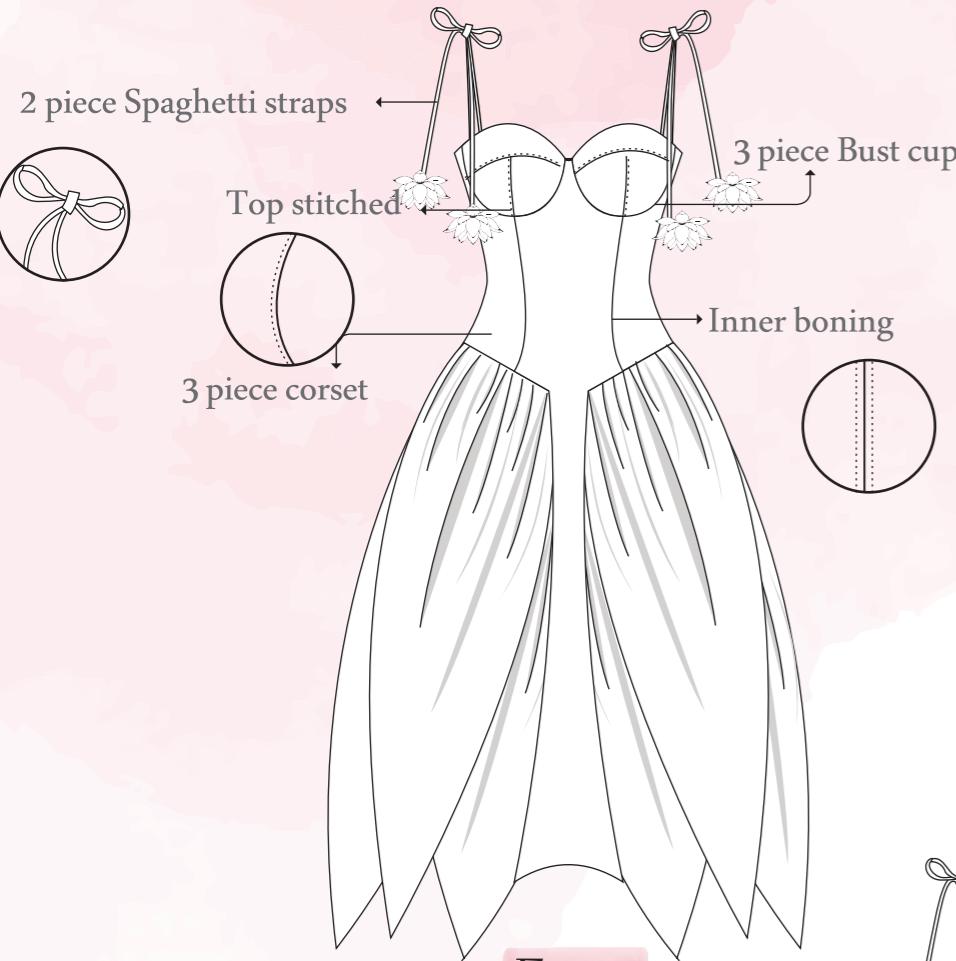
XS-XXL

SEASON

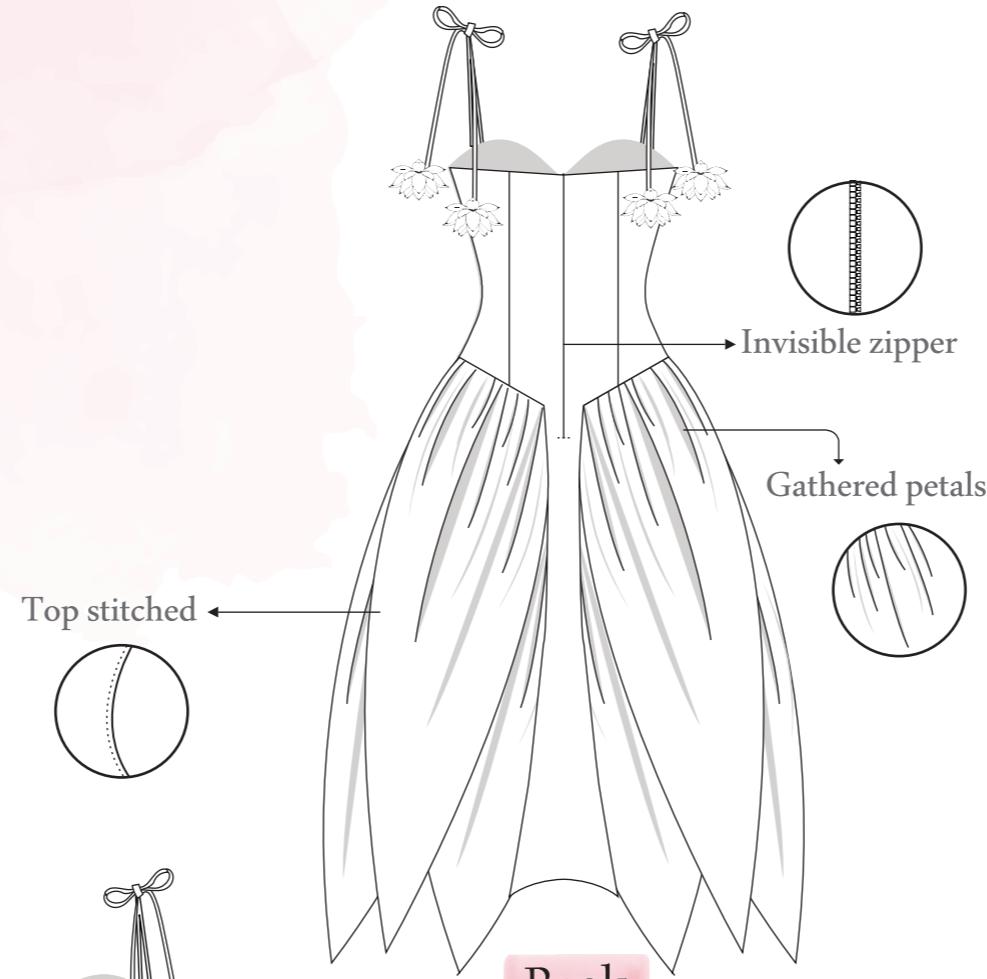
S/S 25-26

DATE

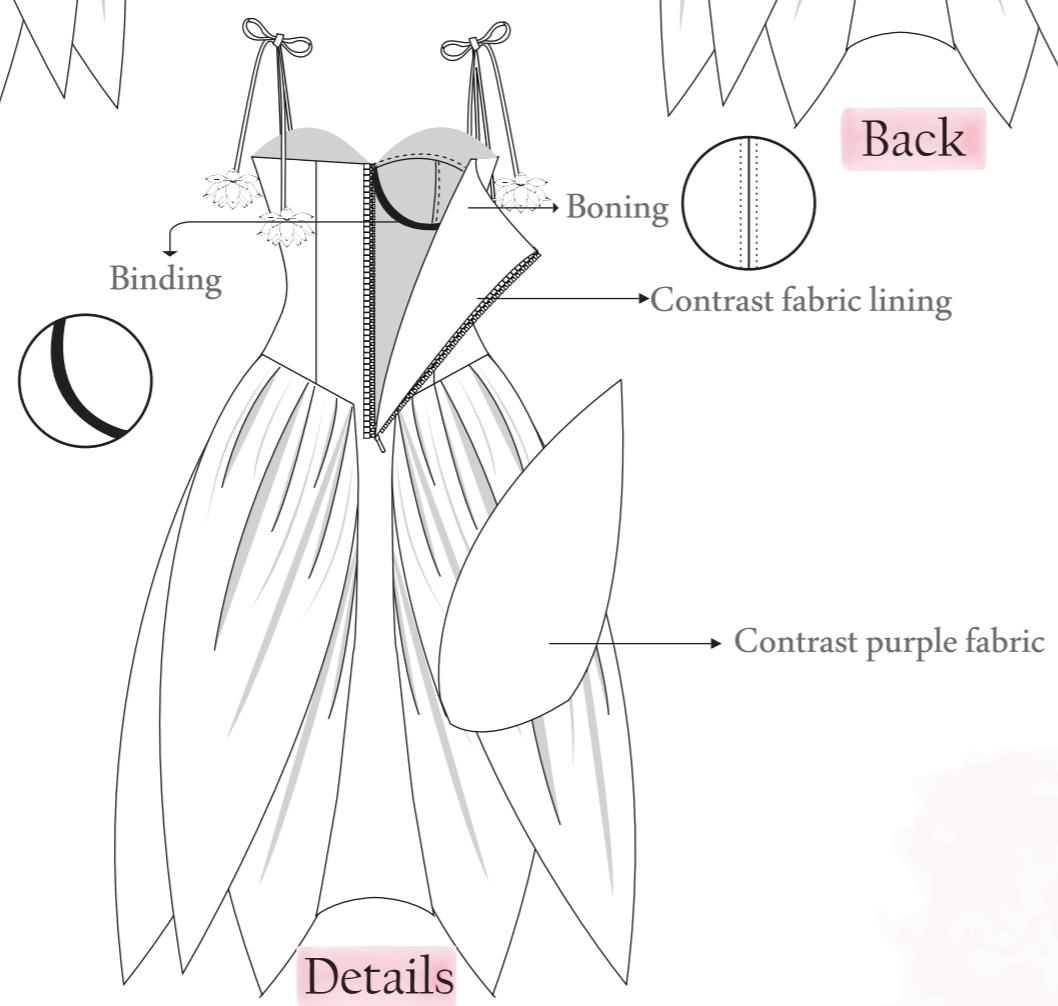
08-05-2025



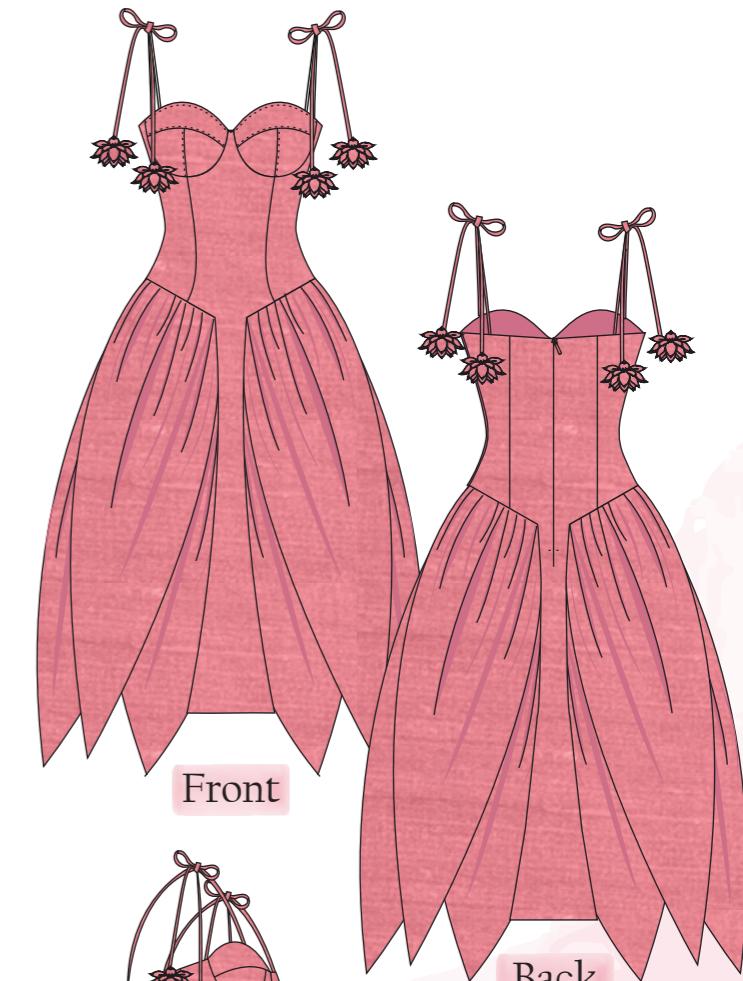
Front



Back

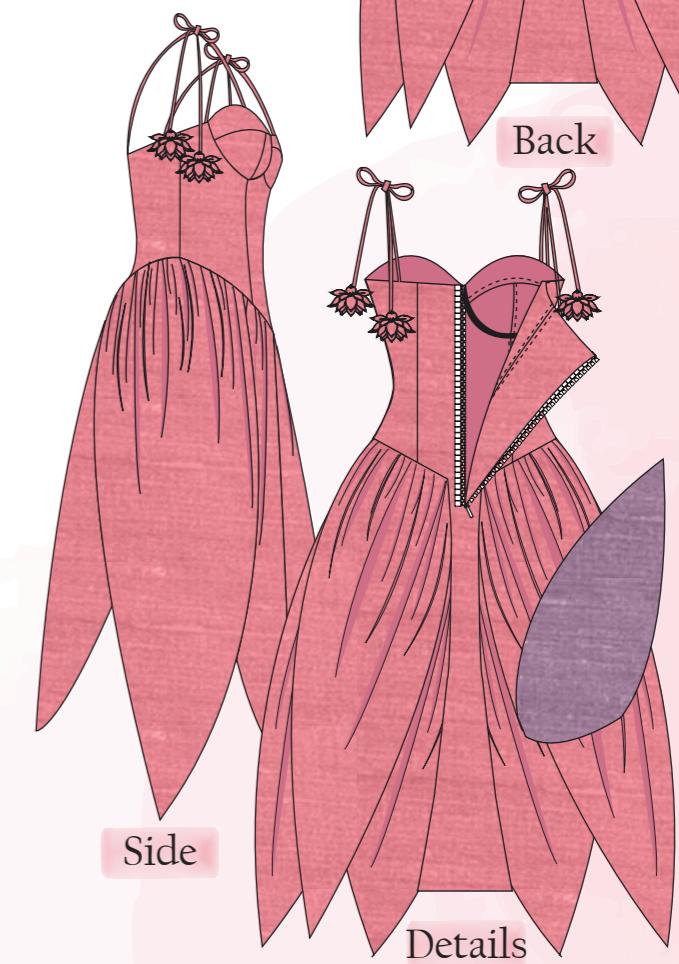


Details



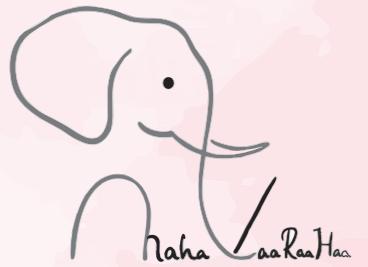
Front

Back



Side

Details



FABRIC ANALYSIS

DESIGNER	Logitha Ramesh	STUDENT NO.	24854068
GARMENT	Corset Dress	SIZE	XS-XXL
SEASON	S/S 25-26	DATE	08-05-2025

MAIN FABRIC and LINING FABRIC:

Design/Pattern : Solid

Fabric Composition: 70% silk, 30% polyester

Fabric Finishing: N/A

Fabric Weight: 70 gsm

Fabric Thickness: 0.2 mm

Colour reference: Pale Rosette

30 mm

20 mm



S

SMALL

Manufactured in UK

CONTENTS

Main Shell

70% Silk, 30% Polyester

Lining

70% Silk, 30% Polyester

5 mm

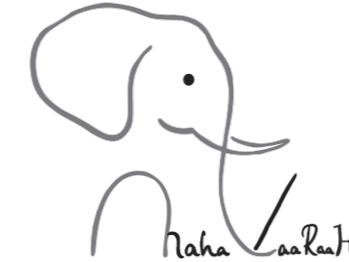


Dry clean only

Do not bleach

Do not wring

Iron low temp



FABRIC TESTING:

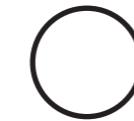
Raw silk is a luxurious fabric known for its sheen and softness. It has a slightly irregular, textured surface. This texture comes as a result of the silk fibers being woven together in a looser, less uniform manner than other silks. It's essential to make sure that it can withstand different types of wear and tear, washing, and environmental conditions. The silk has been used for the whole garment hence I have to check its durability.

1. Tear strength test: This test involves determining the amount of force that is required to tear the fabric. A higher tear strength indicates that the fabric is less prone to tearing which is essential for silk garments that are exposed to frequent movement.

2. Colourfastness test: Silk is known for its vibrant and rich colours, and this is crucial to ensure that the dye used on the fabric is resistant to fading or bleeding when exposed to different environmental factors like light, water, or detergent.

3. Abrasion resistance test: This test measures the ability of the fabric to resist wear and tear caused by rubbing against another surface. It's essential to perform this test to determine the durability of silk, especially for the pocket areas on the jacket.

CARE LABEL:



DRY CLEAN ONLY



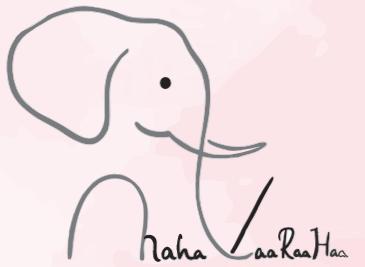
DO NOT BLEACH



DO NOT WRING



DRY CLEAN ONLY



CUTTING ROOM SPEC

DESIGNER

Logitha Ramesh

GARMENT

Corset Dress

SEASON

S/S 25-26

STUDENT NO.

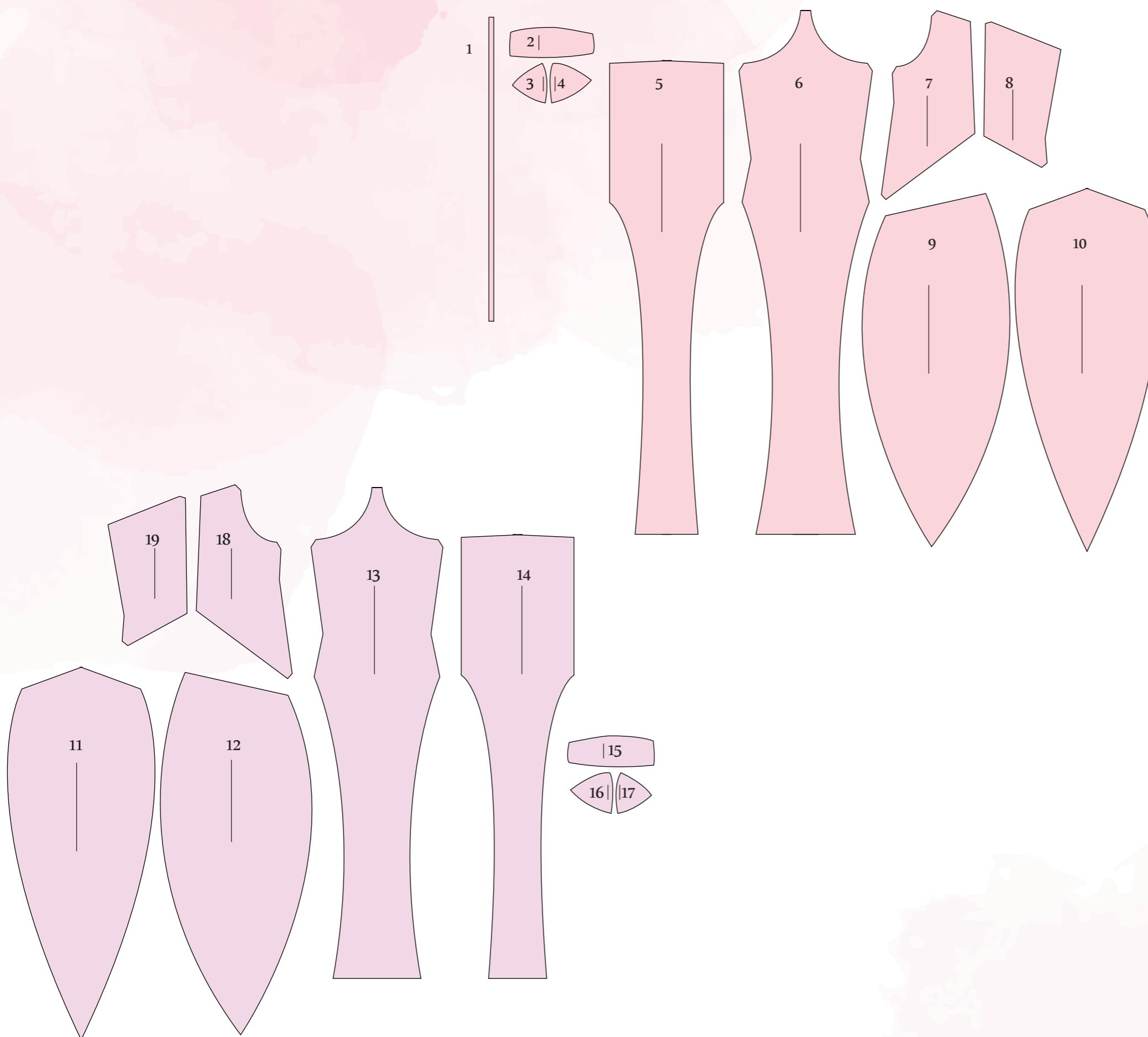
24854068

SIZE

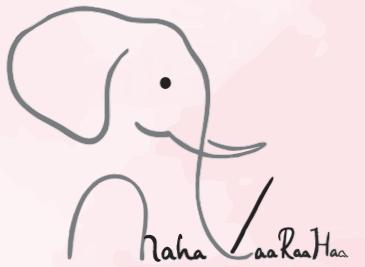
XS-XXL

DATE

08-05-2025



Pattern	Cut
1. Strap	4
2. Upper cup	2
3. Inner cup	2
4. Outer cup	2
5. CB panel	1
6. CF panel	1
7. Front SS panel	1
8. Back SS panel	1
9. Front and Back petal	4
10. Middle petal	2
11. Middle petal lining	2
12. Front and Back petal lining	4
13. CF panel lining	1
14. CB panel lining	1
15. Upper cup lining	2
16. Outer cup lining	2
17. Inner cup lining	2
18. Front SS panel lining	1
19. Back SS panel lining	1



CONSTRUCTION DETAIL

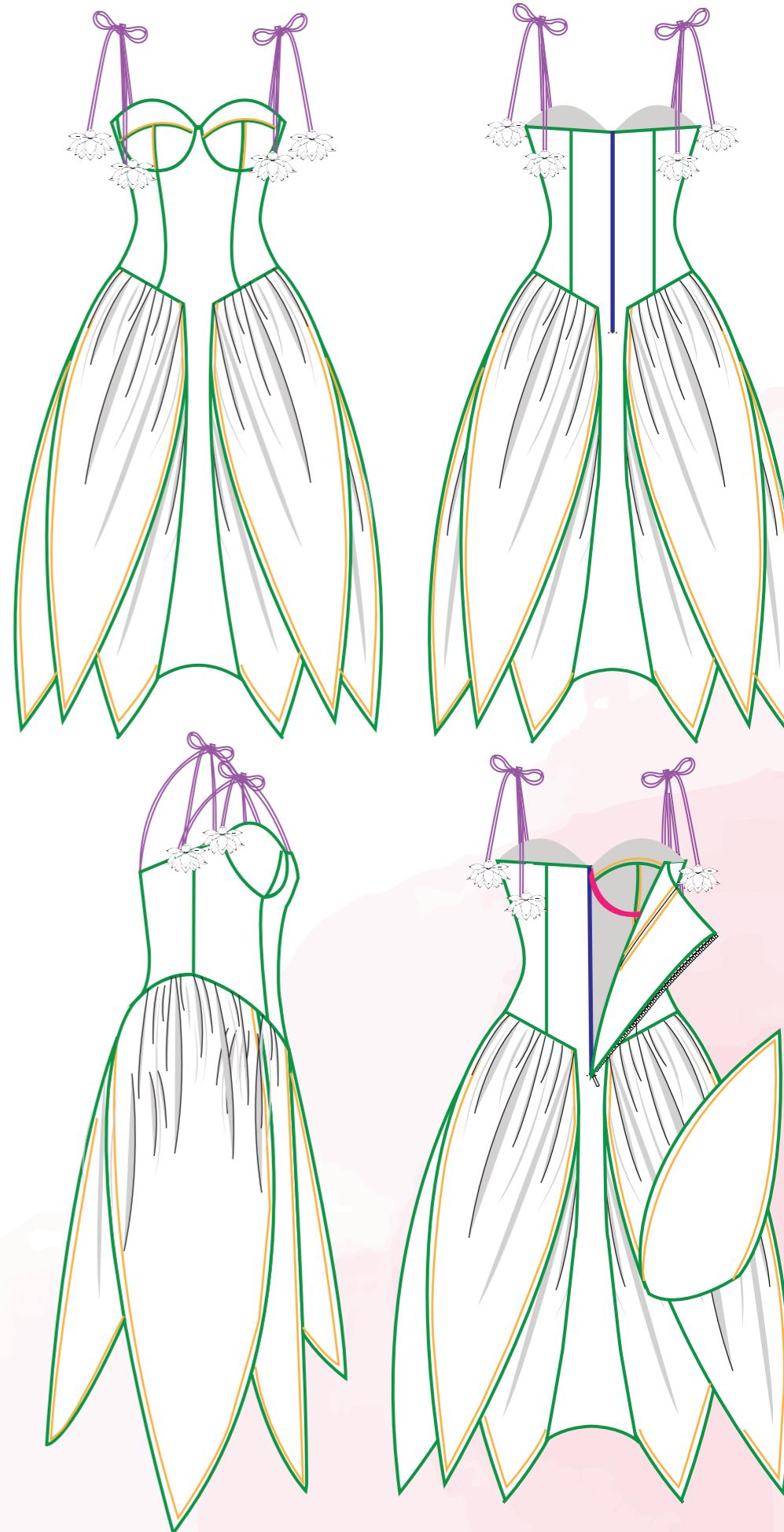
DESIGNER
GARMENT
SEASON

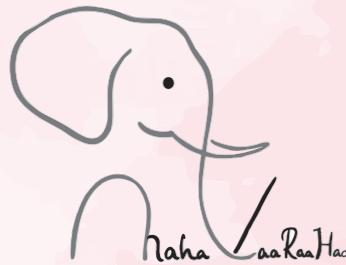
Logitha Ramesh
Corset Dress
S/S 25-26

STUDENT NO.
SIZE
DATE

24854068
XS-XXL
08-05-2025

SEAM NAME	ISO NO.	SEAM DRAWING	COLOUR
PLAIN SEAM L/S	301		green
MOCK CLEAN FINISH BINDING	3.14.01		magenta
TOP STITCHED			orange
ZIPPER ATTACHMENT	7.09.01		dark blue
SPAGHETTI ATTACHMENT	8.07.01		purple





CONSTRUCTION DETAIL

DESIGNER	Logitha Ramesh	STUDENT NO.	24854068
GARMENT	Corset Dress	SIZE	XS-XXL
SEASON	S/S 25-26	DATE	08-05-2025

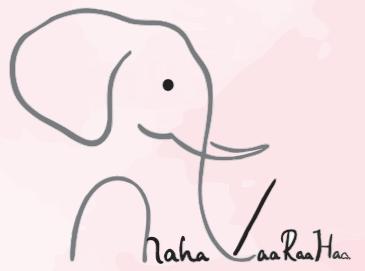
Operation	Machine	Thread	Stitches per in	Needle size	Seam	Comment
Main Fabric						
Using CF as reference attach the front panels on either side =..	L/S	120	12-14	70	1.4 cm	R/S to R/S. Press seam.
Finish the side seams by attaching the next panel.	L/S	120	12-14	70	1.4 cm	R/S to R/S. Press seam.
Attach the CB panel to connect the two back panel.	L/S	120	12-14	70	1.4 cm	R/S to R/S. Press seam.
Sew the strap with 0.7cm SA.	L/S	120	12-14	70	0.7 cm	R/S to R/S.
Using a loop turner turn the strap inside out.						
Repeat the same strap process three more times to form the straps.						
Attach the inner and outer cup at points 2 and 3 and press the seam open to form the lower part of the cup	L/S	120	12-14	70	0.7 cm	R/S to R/S. Press seam.
Top stitch on the right side of the fabric on top of the outer cup.	L/S	120	12-14	110		Stitch only on one side.
Attach the lower cup to upper part of the cup by matching notch, points 1 and 4.	L/S	120	12-14	70	0.7 cm	R/S to R/S. Press seam.
Top stitch on the upper cup. Repeat the same steps for the other cup.	L/S	120	12-14	110		
Lining						
Attach all lining pieces the same way main fabric pieces are attached.	L/S	120	12-14	70	1.4 cm	R/S to R/S. Press seam.
Attach boning on the pressed open seams by leaving 1 cm on the top edge and 1.5cm on the bottom edge.	L/S	120	12-14	70		
Attach the inner and outer cup lining pieces the same way the main fabric cup pieces were attached.	L/S	120	12-14	70	0.7 cm	R/S to R/S. Press seam.
Main Body						
Attach the cup padding to the main fabric cup using basting stitch.	L/S	120	6-8	70	0.35 cm	On W/S
With the strap in the middle attach main cup fabric and lining cup fabric. Turn it and top stitch on the lining side.	L/S	120	12-14	70	0.7 cm	R/S to R/S.
Repeat the same for the other cup						
Attach the main corset and corset lining at the top in a circular manner with straps at CB seam.	L/S	120	12-14	70	1.4 cm	R/S to R/S.
Bag out the corset and top stitch on the lining part of the fabric.	L/S	120	12-14	110		Top stitch only at the back.
Attach the cups to the corset.	L/S	120	12-14	70	0.7 cm	R/S to R/S.



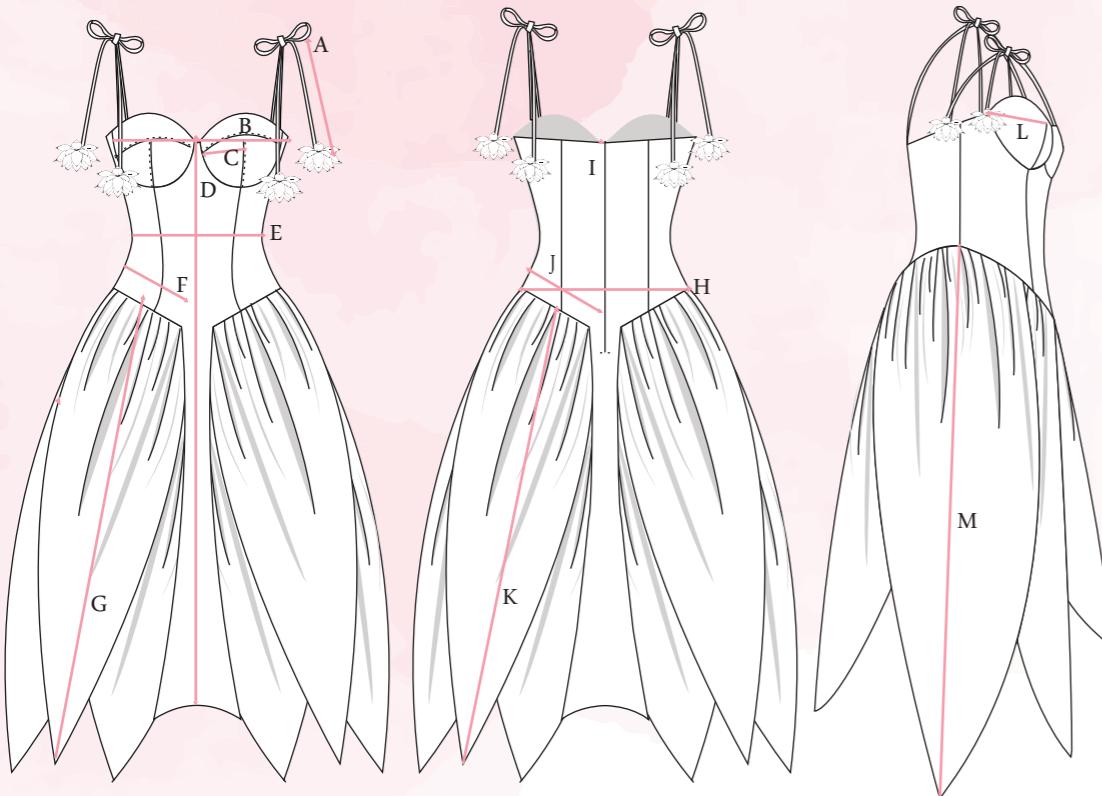
CONSTRUCTION DETAIL

DESIGNER	Logitha Ramesh	STUDENT NO.	24854068
GARMENT	Corset Dress	SIZE	XS-XXL
SEASON	S/S 25-26	DATE	08-05-2025

Operation	Machine	Thread	Stitches per in	Needle size	Seam	Comment
Zipper						
Make a cut through the CB for zipper attachment.						Make 1cm diagonal cut on either sides at end of the zipper for easy attachment.
Attach invisible zipper tape to the main fabric on either sides.	L/S	120	12-14	70	0.7 cm	
Sew the 3cm dart at the bottom remove excess fabric.	L/S	120	12-14	70		
Turn the zipper and sew the lining and main fabric as much as possible and bag out the zipper.	L/S	120	12-14	70	0.7 cm	Press the unsewn zipper edge.
Finish the rest of the zipper on the sides and bottom by blind stitching by hand.		120				
Add hook and eye to the top of the zipper.		120				
Bottom						
Attach two pieces of the pink and purple petal on the edges and bag out. Top stitch the same and gather.	L/S	120	12-14	70	0.7 cm	R/S to R/S. Press seam.
Repeat the same for 5 more petals.	L/S					
Hem the main fabric and lining fabric by double folding.	L/S	120	12-14	70	2 cm	Double fold.
Bast the main fabric and lining at the CF, side and CB to secure it.	L/S	120	6-8	70	0.35 cm	On R/S
Align the notches for the side petals at the CB and CB, and align the mid part of the middle petal at the side seam and pin.						Make sure the mid petal is on top of the side petals on the R/S
Sew through the attached pinning.	L/S ,	120	12-14	70	0.7 cm	R/S to R/S. Press seam.
Finishing						
Bias bind the cup curve of the corset.	L/S	120	12-14	70		Press the binding down
Bias bind the edges where the petal is attached to the corset.	L/S	120	12-14	70		Press the binding down
Tack the petals to one another by hand stitching.						



SIZE CHART AND GRADING



Code	Name	How to measure
A	Strap length	At top of sleeve to end
B	1/2 Chest circumference	Across chest from side seam ends
C	Inner cup width	Across 2cm from CF to end of inner cup
D	Center Front	CF top to bottom
E	1/2 Waist circumference	Across waist from side seam ends
F	Front waist drop	Downwards from waist to petal joining to CF
G	Front petal length	Top of petal to end
H	1/2 High hip	Across high hip from side seam ends
I	Center back	CB top to bottom
J	Back waist drop	Downwards from waist to petal joining to CB
K	Back petal length	Top of petal to end
L	Outer cup width	Across from inner cup to 2cm away from side seam
M	Side petal length	Top of petal to end

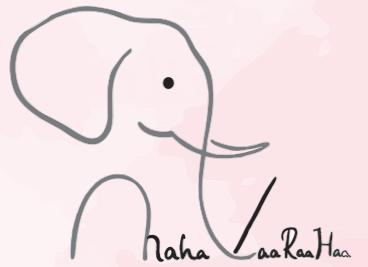
DESIGNER	Logitha Ramesh	STUDENT NO.	24854068
GARMENT	Corset Dress	SIZE	XS-XXL
SEASON	S/S 25-26	DATE	08-05-2025

Code	Point of measure (cm)	XS	S	M	L	XL	XXL	Grade	Total +/-
A	Strap length	85	86	87	88	89	90	1	1
B	1/2 Chest circumference	39	41.5	44	46.5	49	51.5	2.5	2.5
C	Inner cup width	7	7.25	7.5	7.75	8	8.25	0.25	0.25
D	Center Front	79	80	81	82	83	84	1	1
E	1/2 Waist circumference	28	30.5	33	35.5	38	40.5	2.5	2.5
F	Front waist drop	15.5	15.75	16	16.25	16.5	16.75	0.25	0.25
G	Front petal length	71	72	73	74	75	76	1	1
H	1/2 High hip	35	37.5	40	42.5	45	47.5	2.5	2.5
I	Center back	72	73	74	75	76	77	1	1
J	Back waist drop	15.5	15.75	16	16.25	16.5	16.75	0.25	0.25
K	Back petal length	71	72	73	74	75	76	1	1
L	Outer cup width	9.5	9.75	10	10.25	10.5	10.75	0.25	0.25
M	Side petal length	78	79	80	81	82	83	1	1

HOW TO MEASURE

The dress should be laid flat with the natural sides being the outermost sides width ways.

To measure the straps remove the tie and measure



LAY PLAN

DESIGNER

Logitha Ramesh

STUDENT NO.

24854068

GARMENT

Corset Dress

SIZE

XS-XXL

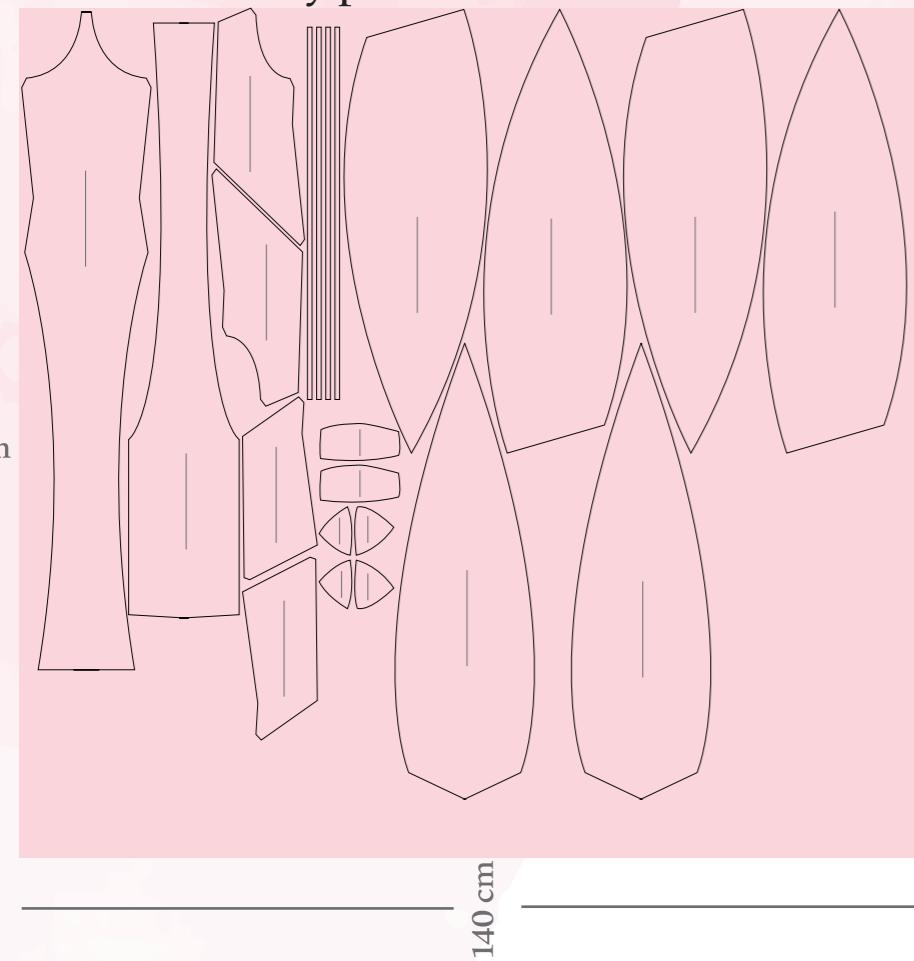
SEASON

S/S 25-26

DATE

08-05-2025

Pink raw silk lay plan



Consumption- 75.67%

Remetant-24.33%

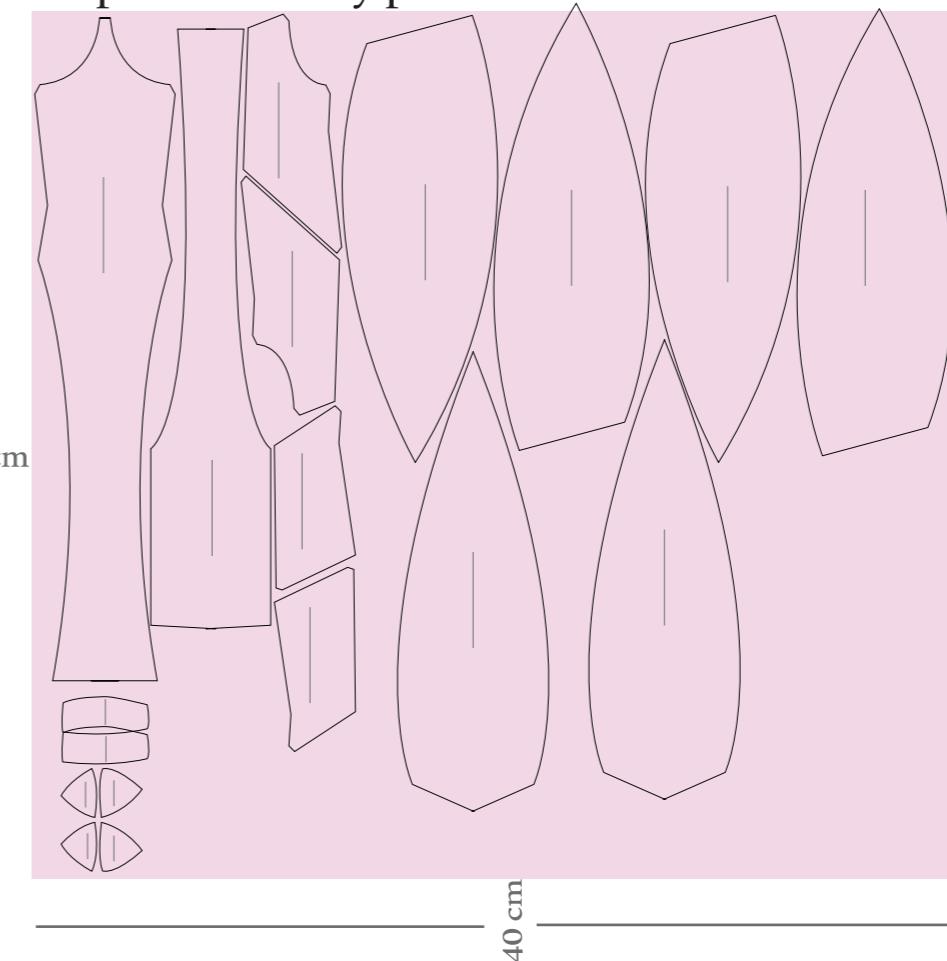
Cost (in pounds)- 12.5/m

Pattern- One way lay

Fabric width-140 cms

Fabric-Pink raw silk

Purple raw silk lay plan



Consumption- 88.54%

Remetant- 11.46%

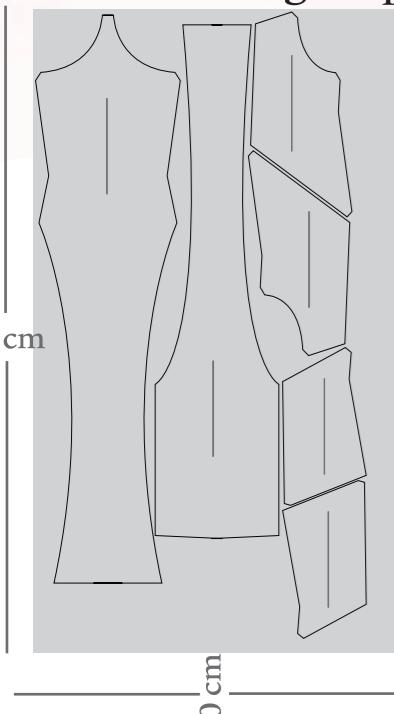
Cost (in pounds)- 12.5/m

Pattern- One way lay

Fabric width-140 cms

Fabric-Purple raw silk

Firm interfacing for pink raw silk



Consumption- 91.23%

Remetant- 8.77%

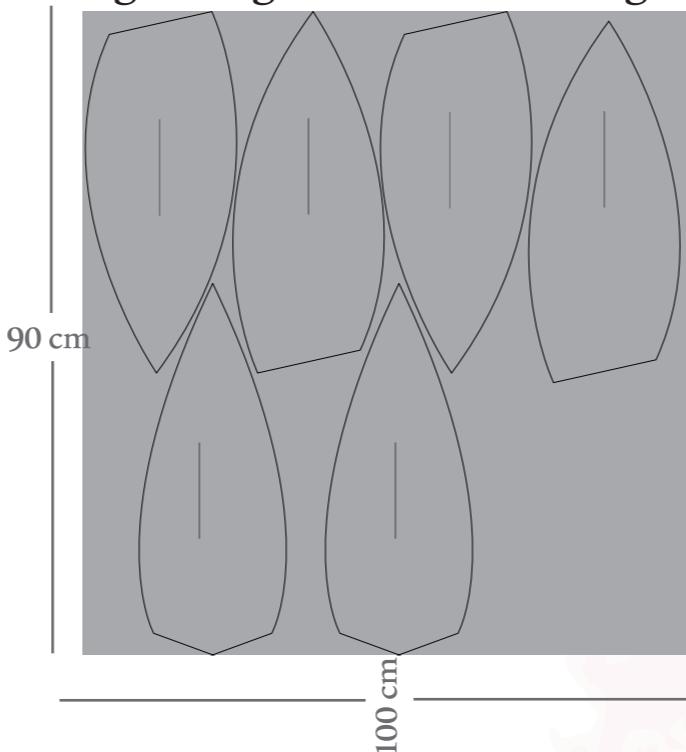
Cost (in pounds)- 3.5/m

Pattern-One way lay

Fabric width-90 cm

Fabric- Firm interfacing

Light weight fleece interfacing for pink petals



Consumption- 79.09%

Remetant- 20.91%

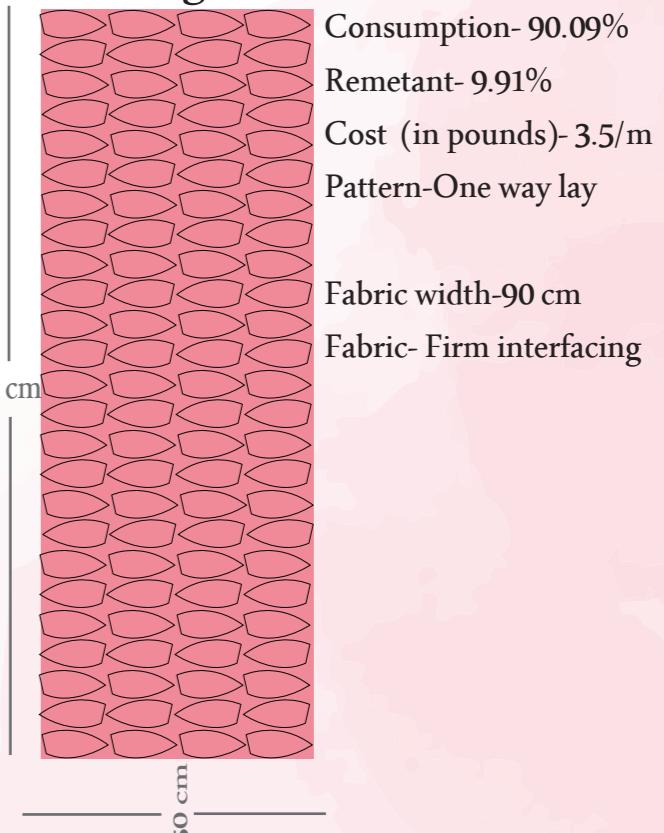
Cost (in pounds)- 6.30/m

Pattern-On fold

Fabric width-90 cm

Fabric- Knitted interfacing

Pink organza



Consumption- 90.09%

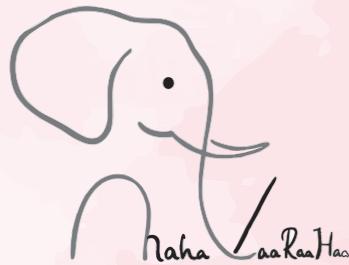
Remetant- 9.91%

Cost (in pounds)- 3.5/m

Pattern-One way lay

Fabric width-90 cm

Fabric- Firm interfacing



GARMENT COSTING

DESIGNER	Logitha Ramesh	STUDENT NO.	24854068
GARMENT	Corset Dress	SIZE	XS-XXL
SEASON	S/S 25-26	DATE	08-05-2025

Component	Supplier	Reference	Colour	Components	Size/Width	Quantity Used	Price (in pounds)	Value
Pink raw silk	The Design Cart		Dusty Pink	70% silk, 30% polyester	140 cm	1.5 m	12.5	18.75
Purple raw silk	The Design Cart		Lilac	70% silk, 30% polyester	140 cm	1.5 m	12.5	18.75
Firm interfacing	Abakhan		White		90 cm	90 cm	3.5	3.15
Light weight fleece interfacing	Abakhan		White		90 cm	2 m	6.3	12.70
Boning	Abakhan		Clear		10 mm	1 m	25p/m	1.00
Bra cups	Abakhan		F		34 C	one pair	2.75	2.75
Binding	Abakhan		Light pink	100% satin	1.5 cm	3.5	1.55/m	2.325
Thread	Guterman	758	Pink	100% polyester	100 m	50	6.95	3.475
Zipper	Abakhan	519	Pink	100% polyester	12 inch	one piece	3.30	3.30
Hook & eye	Abakhan		Silver		2	one piece	1.85/pack of 14	0.13
							TOTAL	66.33

