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INTERDISCIPLINARY

COUTURE

MICHAEL TOACHE

PROFESSOR SETIAWAN

INTERDISCIPLINARY COUTURE
A TRANSLATION FROM FASHION TO ARCHITECTURE

REQUEST FOR APPROVAL OF THESIS RESEARCH
PROJECT BOOK PRESENTED TO:

PROFESSOR ARIEF SETIAWAN

AND TO THE FACULTY OF THE DEPARTMENT OF
ARCHITECTURE
COLLEGE OF ARCHITECTURE AND CONSTRUCTION
MANAGEMENT

BY

MICHAEL TOACHE

IN PARTIAL FUFILLMENT OF THE REQUIREMENTS FOR
THE DEGREE

BACHELOR OF ARCHITECTURE

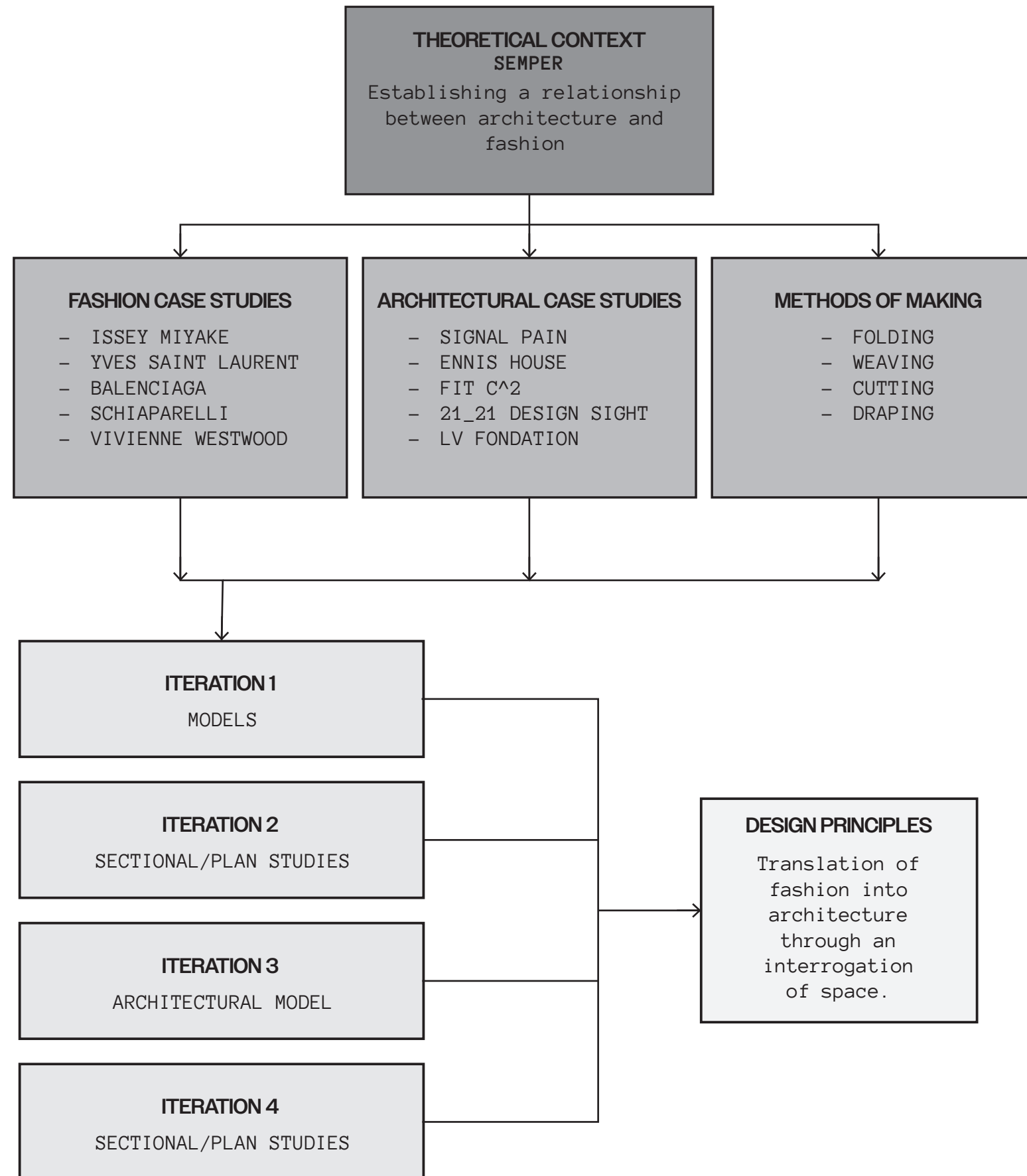
KENNESAW STATE UNIVERSITY
MARIETTA, GEORGIA

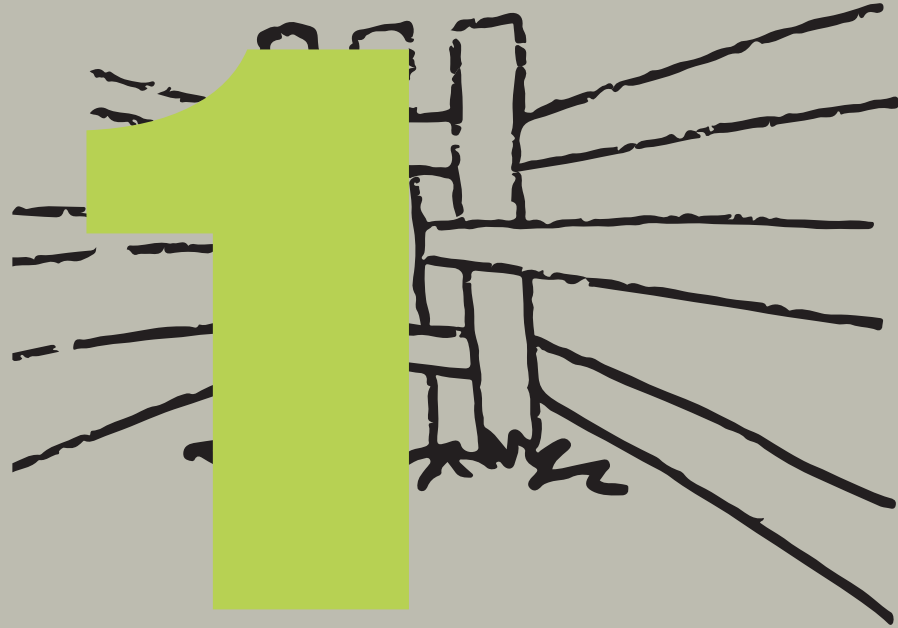
MAY 7, 2024

MICHAEL TOACHE

ABSTRACT

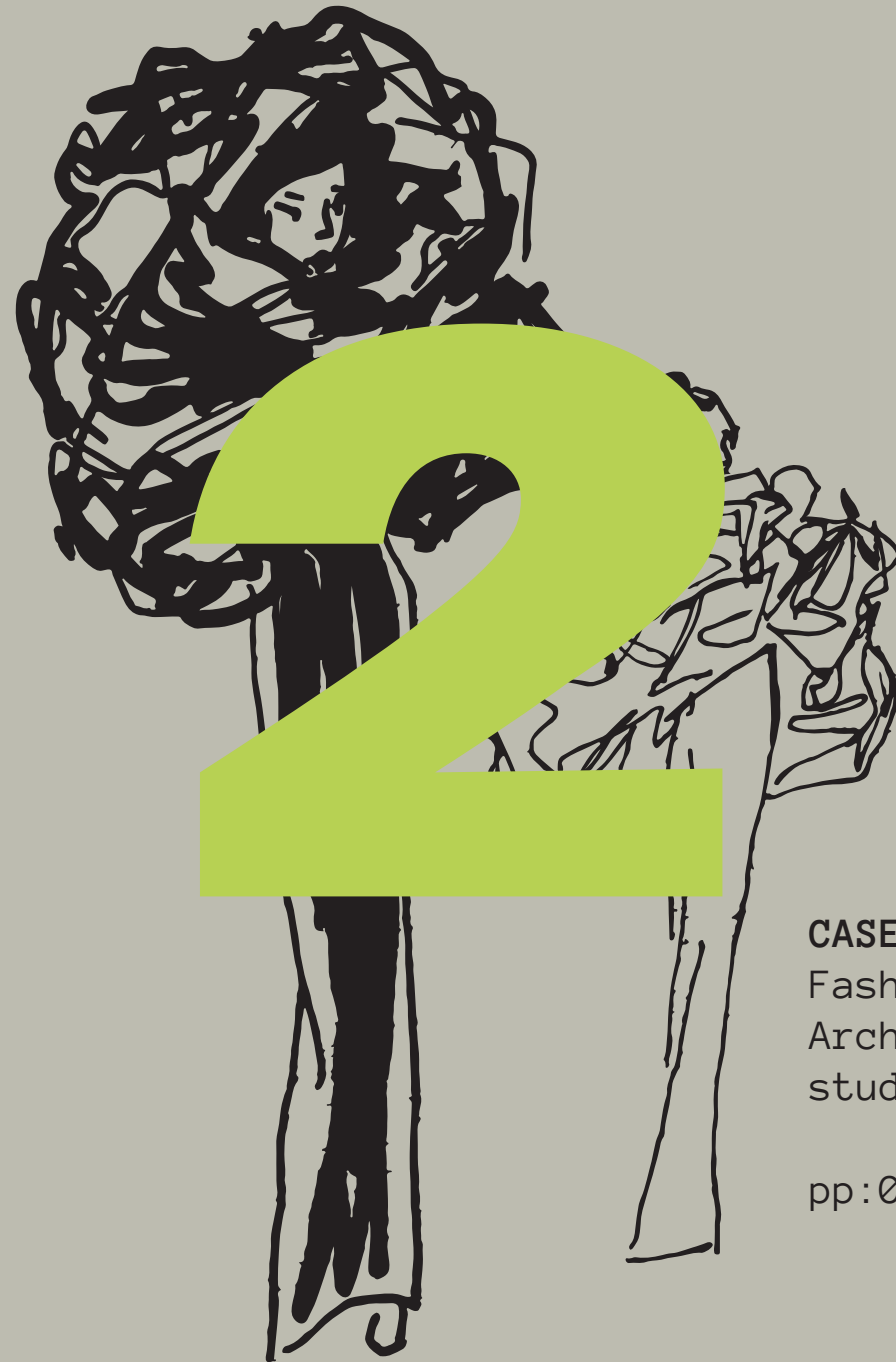
Haute Couture or 'high dressmaking' is a term used for fashion designers to implement one-of-a-kind designs custom fit for an exclusive collection. Within the realm of design, there lies a relationship between fashion and architecture. Humans formed the earliest iterations of **spatial boundaries** by implementing **weaving techniques** made with plant fibers and posts. We created fences before we clothed ourselves. Weaving these boundaries or textile walls was instituted in some of the earliest forms of architecture still used today. The process of design that drives the creation of the spaces we inhabit today is created by the same beginnings as the processes that we use to create textiles and develop fashion. We see many thought processes crossover from fashion into architecture. "**dress design as a form of engineering, rather than a mere synthesis of existing elements**"¹. How can the process of fashion design – as an expression be replicated or manipulated into the **design of space**?





THEORETICAL CONTEXT:
Historical context
Literature review

pp:01



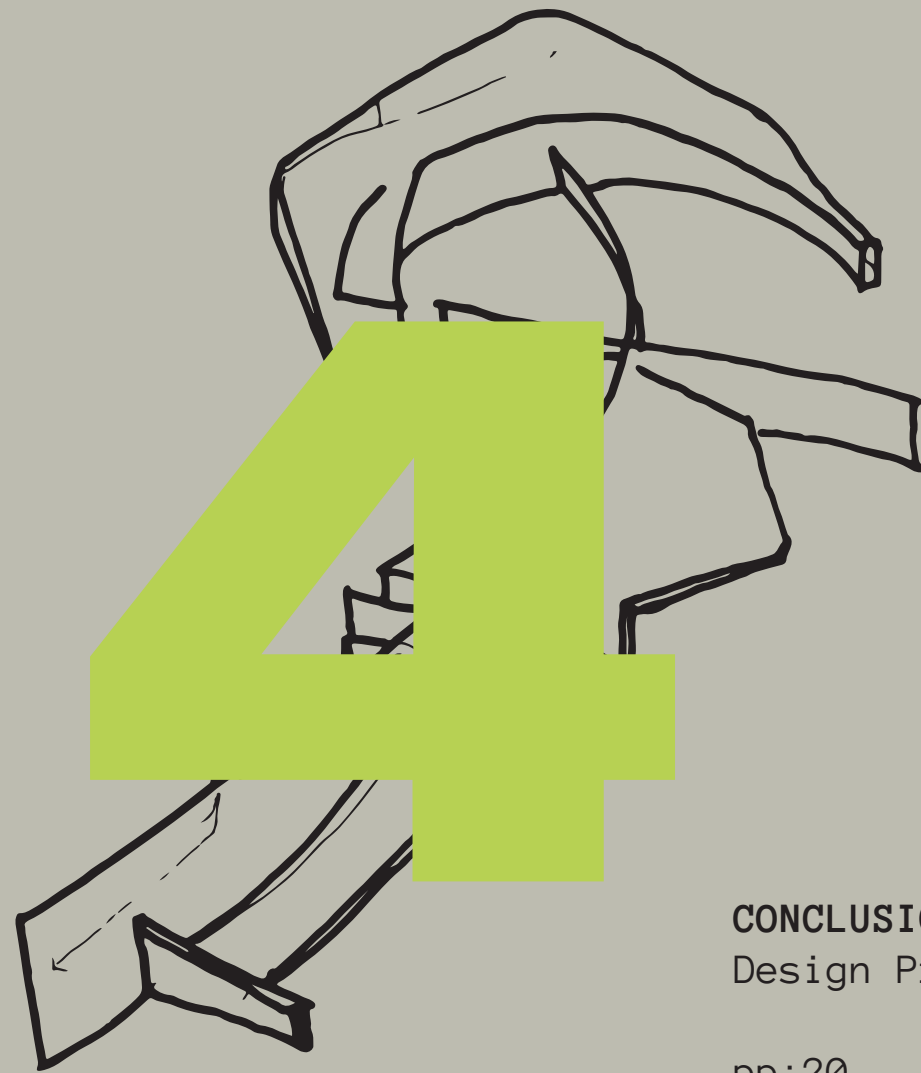
CASE STUDIES:
Fashion case studies
Architectural case studies

pp:03



PROCESS:
Making
Abstract
Iteration

pp:13



CONCLUSIONS:
Design Principles

pp:20



APPLICATION:
Application of design
principles to a site.

pp:26

LIST OF FIGURES

Figure 1:	Semper primitive hut.....	1
Figure 2:	Schiaparelli dress 1.....	4
Figure 3:	Adolf Loos floorplan.....	4
Figure 3.1.	Thayaht jumpsuit.....	4
Figure 3.2.	Thayaht jumpsuit pattern.....	4
Figure 4:	Salvador Dali skeleton dress.....	4
Figure 4.1.	Skeleton dress.....	4
Figure 5:	Schiaparelli runway 1.....	4
Figure 5.1.	Schiaparelli runway 2.....	4
Figure 6:	Balenciaga dress 1.....	5
Figure 7:	Balenciaga dress 2.....	5
Figure 7.1.	Balenciaga dress 3.....	5
Figure 7.2.	Balenciaga dress 4.....	5
Figure 8:	Balenciaga dress 5.....	6
Figure 9:	Balenciaga one seam coat.....	6
Figure 10:	Issey Miyake dress 1.....	7
Figure 10.1.	Issey Miyake patterns.....	7
Figure 11:	Issey Miyake dress 2.....	7
Figure 12:	YSL silhouette 1-3.....	8
Figure 12.1.	YSL silhouette 4.....	8
Figure 12.2.	YSL silhouette 5.....	8
Figure 13:	Vivienne Westwood pirates.....	9
Figure 14:	Michael Graves' portland.....	9
Figure 15:	Signalpain.....	11
Figure 16:	Ennis House.....	11
Figure 16.1.	Textile block.....	11
Figure 17:	Louis Vuitton Fondation.....	11
Figure 17.1.	Louis Vuitton Fondation sails.....	11
Figure 18:	FIT C2.....	12
Figure 18.1.	FIT C2 structure.....	12
Figure 19:	Design Sight.....	12
Figure 19.1.	Design Sight section.....	12
Figure 19.2.	Design Sight perspective.....	12
Figure 20:	Issey Miyake model.....	18
Figure 21:	Issey Miyake model 2.....	18
Figure 22:	Google Earth.....	27

INTRODUCTION

This thesis analyzes a variation of architectural works and designs of masterful fashion designers. Looking at a range of designers who use different techniques to develop respected and historical moments in fashion in terms of **form, technique, materials, and narrative**. Architecturally, works of design that display similarities to the same aspect of fashion are analyzed. From there, a series of **abstractions and iterative drawings, models (physical and digital), photographs, and diagrams** are carried out to bring one end of design to the other and the result of these studies is a statement on the development of architectural space using **methods of haute couture and fashion design**.

GOTTFRIED SEMPER

Gottfried Semper in, "The Four Elements of Architecture", highlights the beginnings of architecture through four mediums or 'elements'.² As mentioned in the reading, one of those elements is **enclosure**. The initial man-made enclosed spaces began with the work of bast or plant fibers to form wicker fences. **woven fences** began the lineage of woven materials that would eventually clothe humans and provide shelter to them. These fences would eventually become walls bounding space and providing a home for early humans.

This process carried on and eventually transformed into rug walls **decorated** with stories woven into the **patterns**.

We know them now as tapestries or decorative rugs.

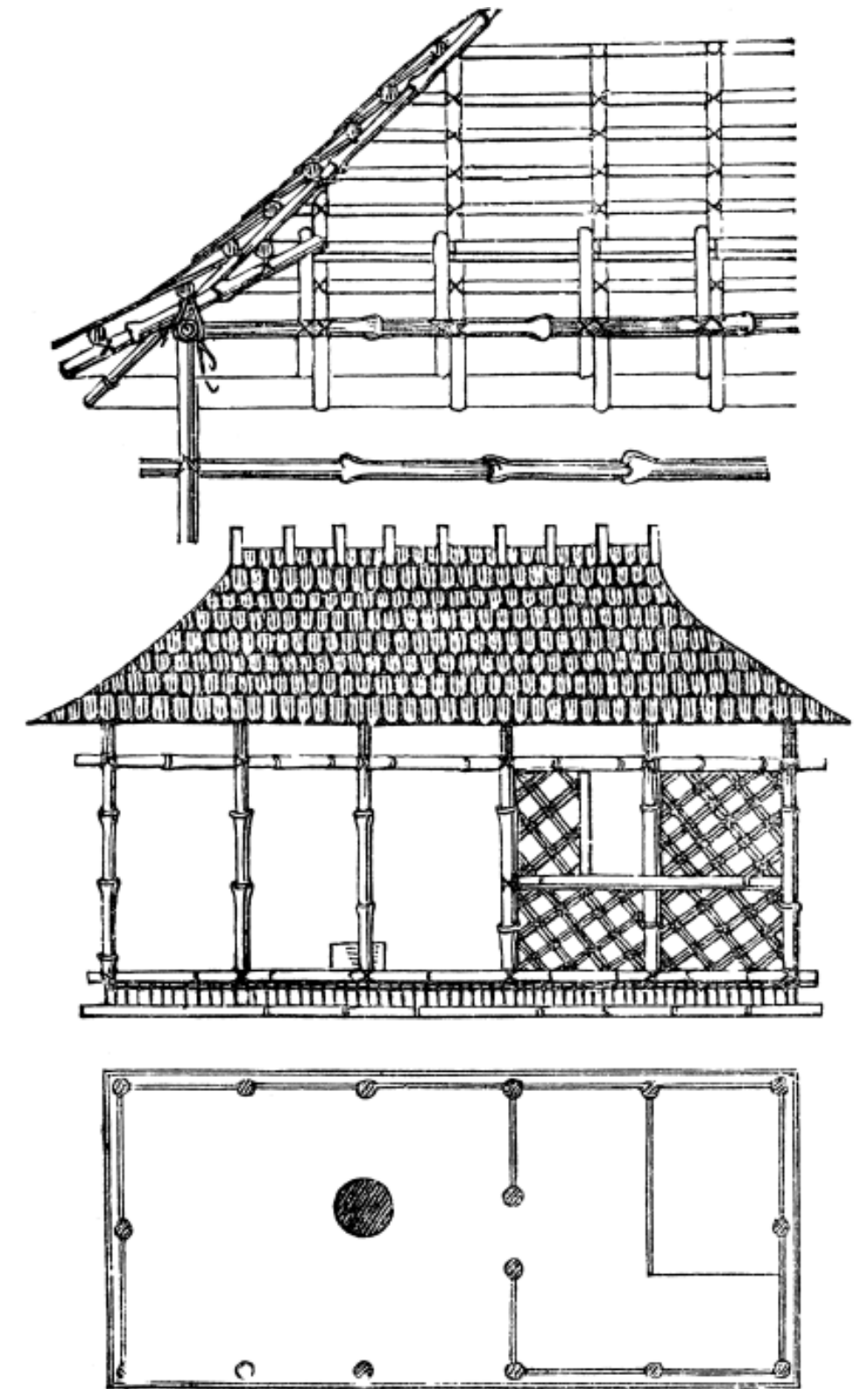
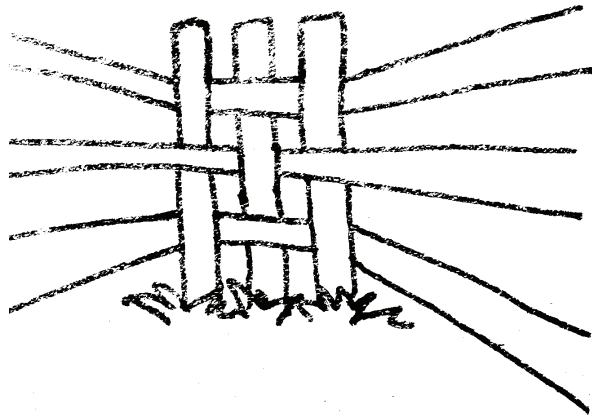


Figure 1. *Semper primitive hut*. Semper, Gottfried, Harry Francis Mallgrave, and Wolfgang Herrmann. *The four elements of architecture and other writings*. Cambridge: Cambridge University Press, 2010.

THEORETICAL CONTEXT

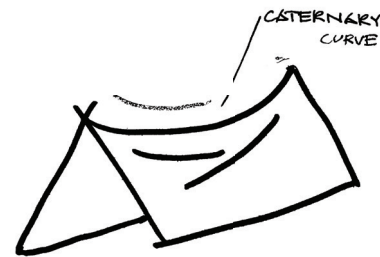
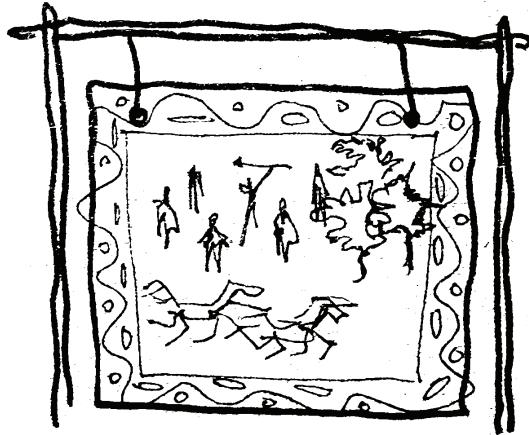
WICKER WORK FENCES



Further according to Semper, As this process progressed, other mediums would reference these **weaving techniques**.³ Art mediums like painting used them to decorate their canvases. Visual connections to braided or woven threads can be recognized in borders of paintings.

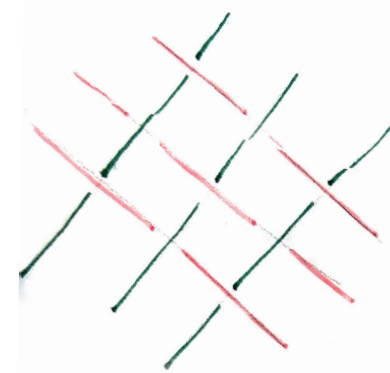
Different styles of weaving achieve different levels of **horizontal or vertical strength** and or coverage. These weaves can be made as **dense or sparse** as necessary for its purpose. The closer the knit, the stronger the piece is as a whole and vice versa. For example, the triaxial weave is made with more vertical supports through its diagonal counterparts, creating a **stronger whole**.

CARPET WALLS

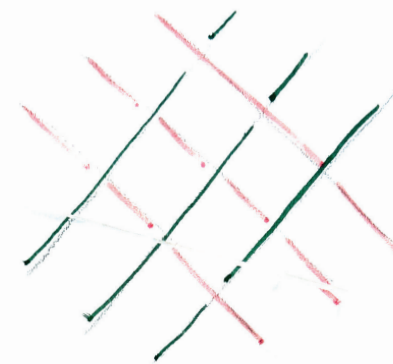


WEAVE TYPES

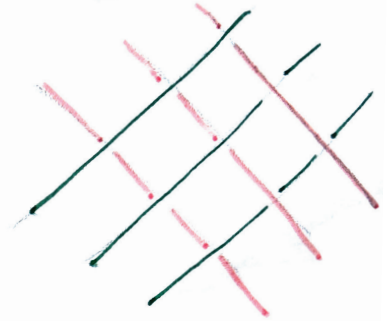
DIAMOND BRAID



REGULAR BRAID



HERCULES BRAID



TRIAxIAL BRAID



WEAVE IN SECTION

BIAXIAL OR NORMAL BRAID



TRIAxIAL BRAID





CASE STUDIES

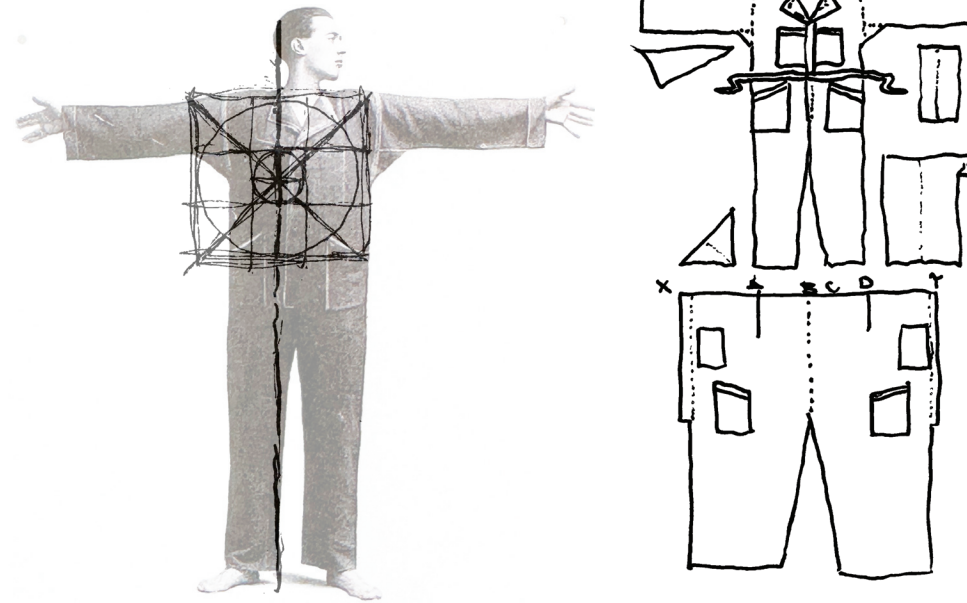
An analysis of both fashion and architectural case studies.

A number of historically acknowledged fashion designers and how they produce some of the most respected pieces through influential methods of creating.

Architectural case studies that display likeness to fashion, textile manipulation, or similarities to the clothing we all wear.

SCHIAPPARELLI

According to Breward, Elsa Schiaparelli was an Italian fashion designer in the early 1900's who was known for taking her dress design more as an art than a occupation.⁴ She was known well for her tendencies to use **anti-rationalist** approaches to fashion and embrace paradox as a tool in her designs. Schiaparelli took inspiration from Salvatore Dali and in some cases worked with him. He would produce sketches of dresses and forms. The fashion house would also take inspiration from Thayaht and his paintings with **abstract geometries** and anti-rationalist views on **motion**.



Workwear jumpsuit as it compares to Adolf Loos and his symmetrical floorplans.

Figure 3. *Adolf Loos floorplan*. Coleman, NS. "Adolf Loos." frame. Accessed December 9, 2023. <https://framearch.blog/tag/adolf-loos/>.

Figure 3.1. *Thayaht Jumpsuit*. "Ernesto Thayaht's Suit: When Workwear Became Style for the First Time," Rifò - Circular Fashion made in Italy, accessed September 16, 2023, <https://rifo-lab.com/en/blogs/blog-di-rifo/tuta-ernesto-thayaht>.

Figure 3.2. *Thayaht jumpsuit pattern*. "Ernesto Thayaht's Suit: When Workwear Became Style for the First Time," Rifò - Circular Fashion made in Italy, accessed September 16, 2023, <https://rifo-lab.com/en/blogs/blog-di-rifo/tuta-ernesto-thayaht>.

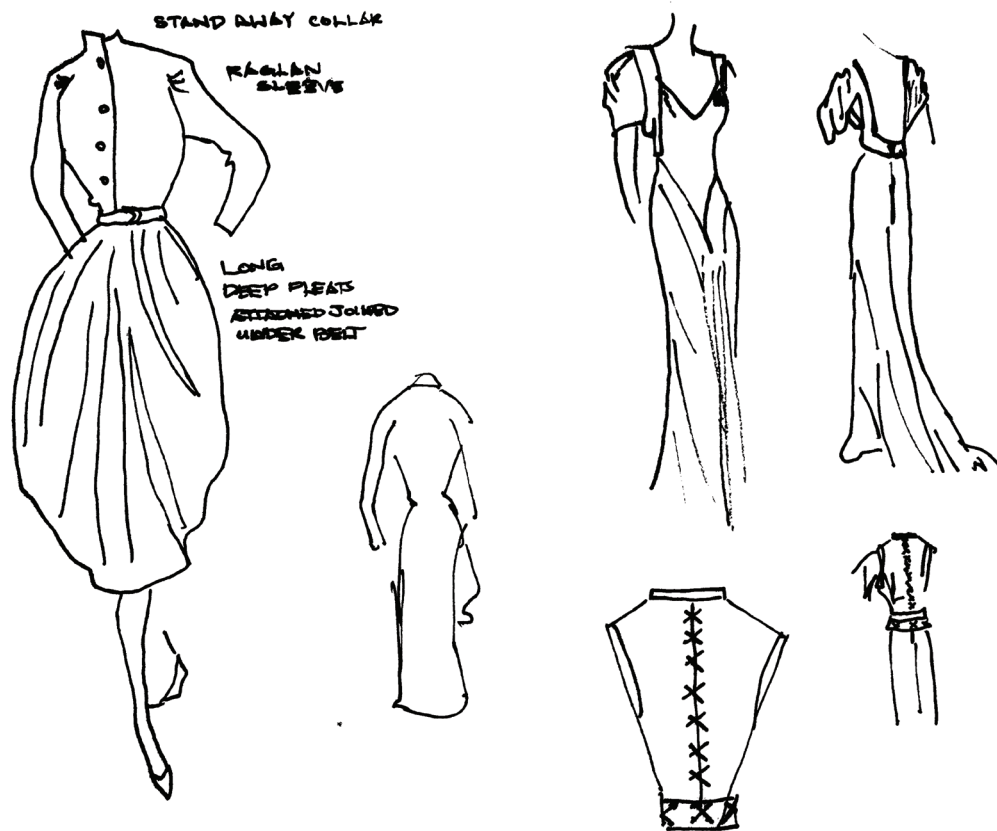
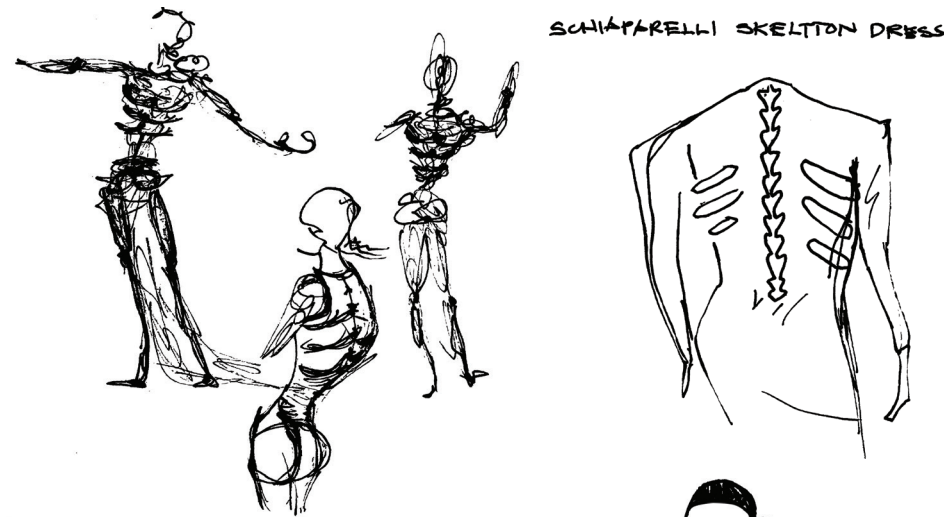


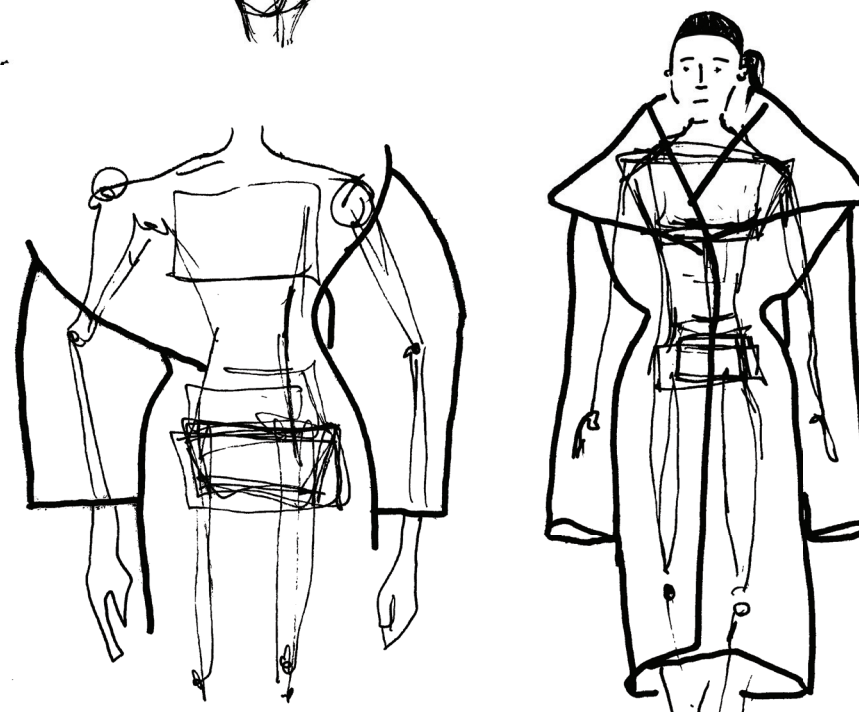
Figure 2. *Schiaparelli dress 1* Author drawings based on photo. Style, Fashion & "RT @eleanorquin: RT @SPARCFIT: Dress by Elsa Schiaparelli, Fall 1951, Sketch from the Bergdorf Goodman Custom Salon Sketches. #fashion #fashionhistory #el-saschiaparelli #schiaparelli #bergdorfgoodman #1951 #50sfashion #ftnyc #fitspecial-collections #FA... Pic.Twitter.Com/Hkuoxwjuy." Twitter, April 19, 2019. <https://twitter.com/Fashionundstyle/status/1119268761826099200>.



Schiaparelli worked with Salvatore Dali quite often as they were in a relationship.⁵ Salvatore Dali sketches the original design for what was to become Schiaparelli's skeleton dress.

Figure 4. *Salvador Dali skeleton dress*. Author drawings based on photo. Galambosova, Caroline. "Elsa Schiaparelli: Surrealism, Art and Revolutionary Fashion." DailyArt Magazine, March 24, 2024. <https://www.dailyartmagazine.com/elsa-schiaparelli-art/>.

Figure 4.1. *Skeleton dress*. Author drawings based on photo. Galambosova, Caroline. "Elsa Schiaparelli: Surrealism, Art and Revolutionary Fashion." DailyArt Magazine, March 24, 2024. <https://www.dailyartmagazine.com/elsa-schiaparelli-art/>.



Analysis on the form and spatial relationship of modern day Schiaparelli looks as they compare to the proportions of the body.

Figure 5. *Schiaparelli runway 1*. Author drawings based on photo. Krause, Amanda. "Photos Show the Controversial Schiaparelli Runway Where Models Wore Realistic Animal Heads on Their Dresses." Business Insider. Accessed October 9, 2023. <https://www.businessinsider.com/schiaparelli-paris-fashion-week-runway-photos-2023-1#naomi-campbell-on-the-other-hand-sported-a-jacket-covered-in-fur-like-material-with-a-replica-of-a-wolfs-head-placed-at-her-shoulder-4>.

Figure 5.1. *Schiaparelli runway 2*. Author drawings based on photo. Madsen, Anders Christian. "Schiaparelli Spring 2022 Couture Collection." Vogue, January 24, 2022. <https://www.vogue.com/fashion-shows/spring-2022-couture/schiaparelli>.

BALENCIAGA

Cristobal Balenciaga was a fashion designer from Spain with a rich history and interests in painters like Goya. According to Breward, His work resembles modern design with “**modernist body sculpture**”.⁶ He showed an understanding of clothing as **kinetic** and as a **phenomenon of volume**.



Figure 7.



Figure 7.1.

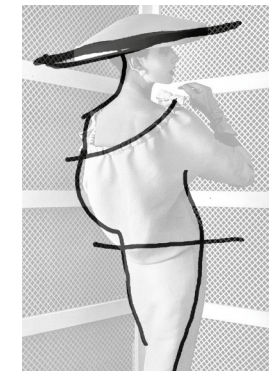


Figure 7.2.

Strong gestures highlight **powerful simple geometries**.

Figure 7. *Balenciaga dress 2.* “Queens of Fashion.” Queens of fashion, March 14, 2018. <https://queensoffashionblog.wordpress.com/>.

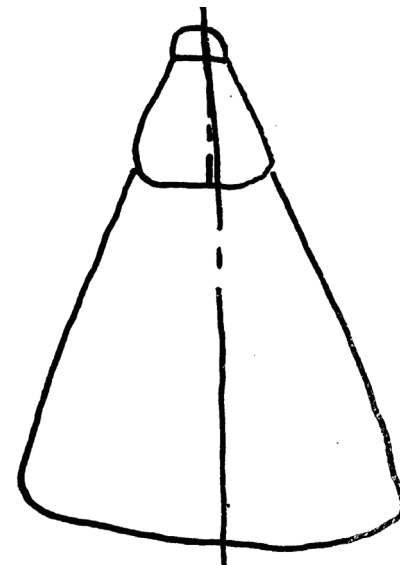
Figure 7.1. *Balenciaga dress 3.* Abisambra, Camila. “A Love Letter to Cristobal Balenciaga’s 1967 Wedding Dress.” 1 Granary, June 16, 2019. <https://1granary.com/opinion/love-letter-cristobal-balenciagas-1967-wedding-dress/>.

Figure 7.2. *Balenciaga dress 4.* “Orientalism and Cristóbal Balenciaga.” Minnie Muse. Accessed May 4, 2024. <https://www.minniemuse.com/articles/musings/orientalism-and-cristobal-balenciaga>.

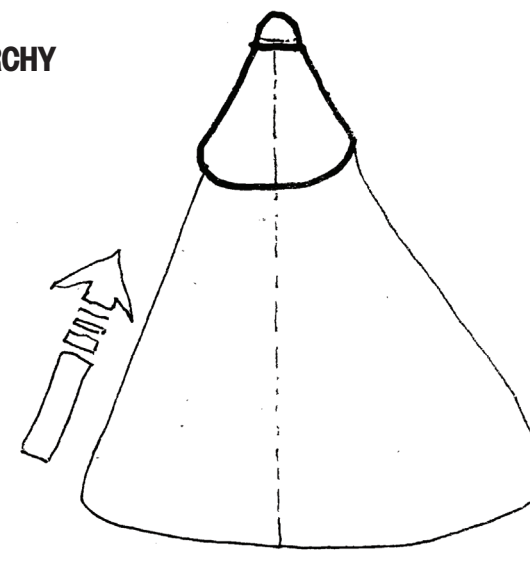


Figure 6. *Balenciaga dress 1.* Author drawing based on photo. Vogue. “‘balenciaga: L’oeuvre Au Noir’ at the Musée Bourdelle in Paris Sketches.” Vogue, March 6, 2017. <https://www.vogue.com/slideshow/balenciaga-musee-bourdelle-exhibition-paris-sketches>.

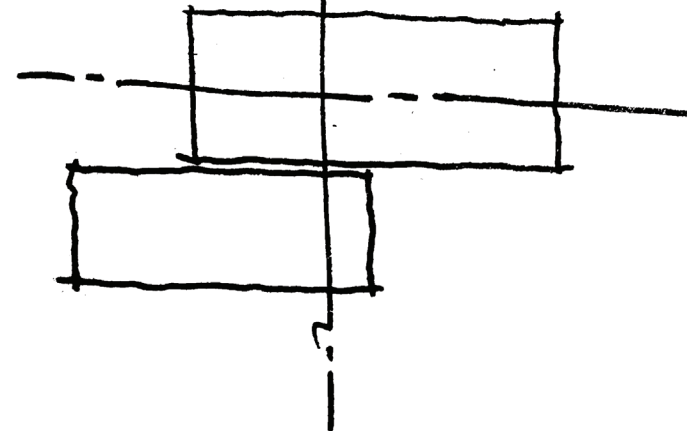
SYMMETRY



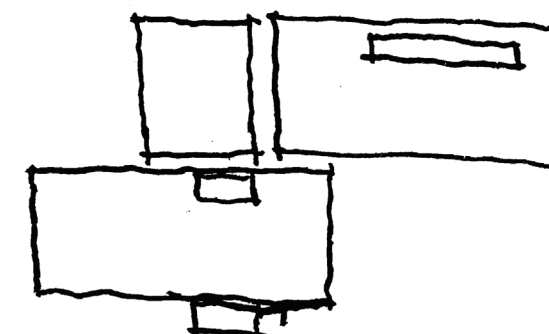
HEIRARCHY



SYMMETRY



HEIRARCHY



Balenciaga’s wedding dress design compared to Mies Van Der Rohe’s Farnsworth house in symmetry and heirarchy

Recreation of the wedding dress and its shawl attachment using only two pieces of fabric and **minimal stitching**.

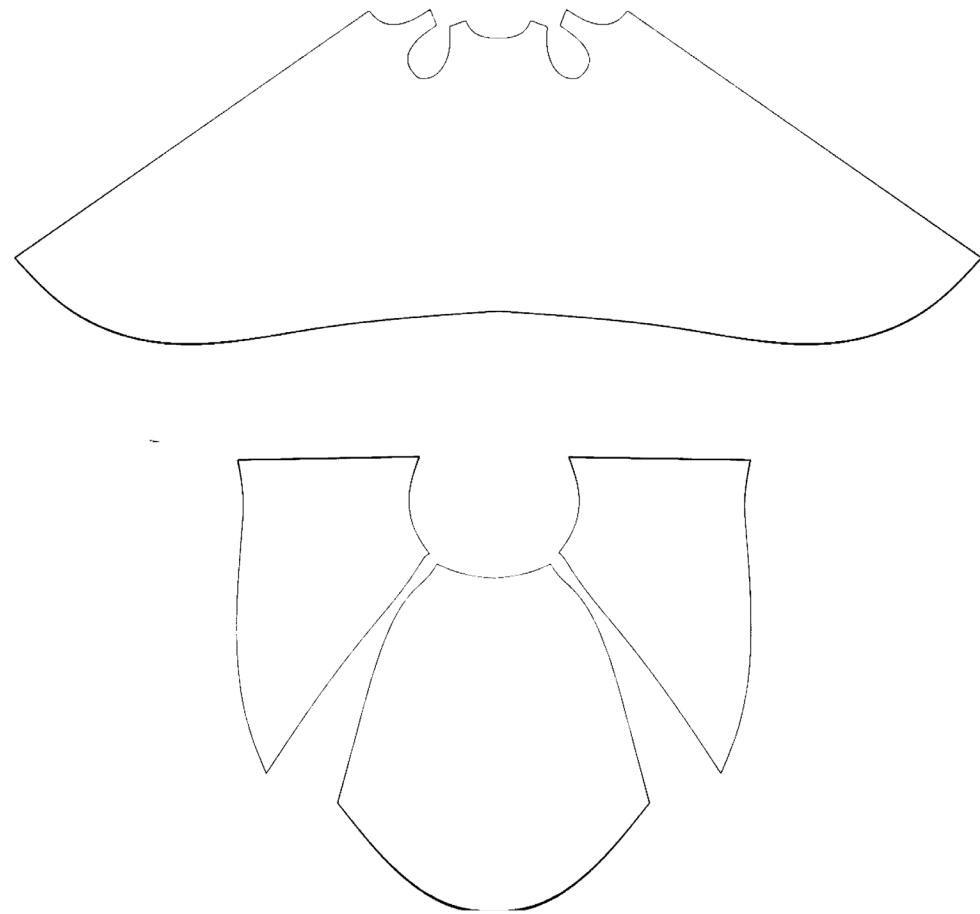


Figure 8. Balenciaga dress 5. "How Was It Made? Constructing Balenciaga's Minimalist Ensemble." YouTube, July 7, 2017. <https://www.youtube.com/watch?v=JB5y67bE1H8>.



Many highly skilled designers created a one piece or one seam garment within their lifetime. This is Cristobal Balenciaga's version of this practice. A coat made from **one piece of fabric** and consisting of one **single seam**.

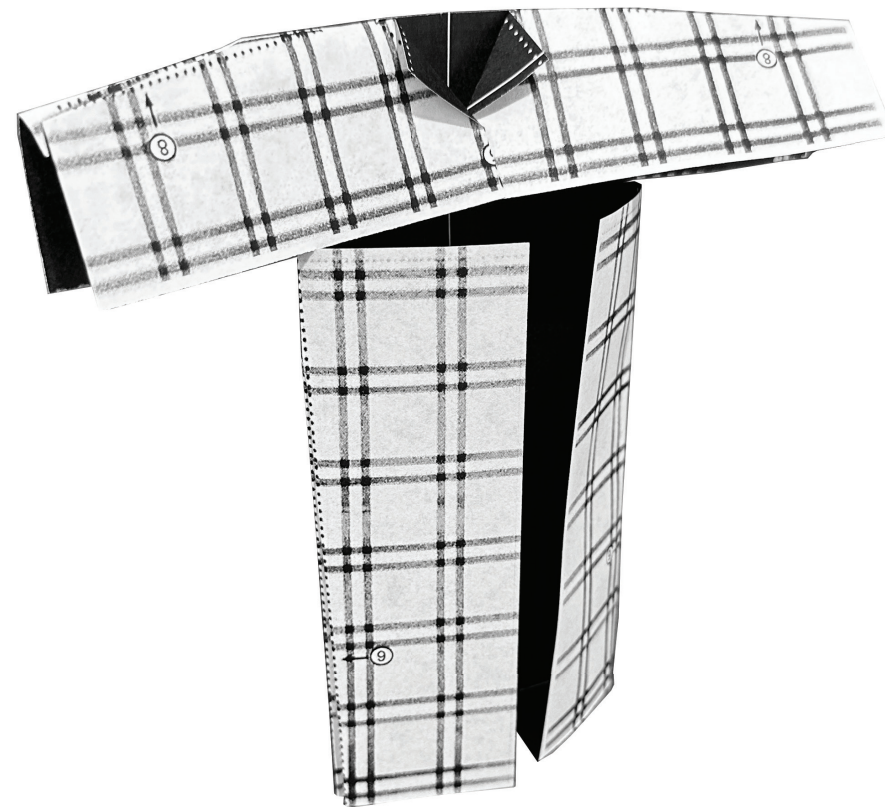


Figure 9. Author model based on photo. Balenciaga one seam coat. Emma One Sock Designer Fashion Fabrics, Emma One Sock Designer Fashion Fabrics, Jan ter Heide October 20, Mylène April 28, Emma One Sock Designer Fashion Fabrics Post authorMay 3, Shari April 28, Mary Ann Morton April 28, et al. "Inspiration No. 25: Inspired by Balenciaga." emmaonesock.com, March 12, 2021. <https://emmaonesock.wordpress.com/2021/03/10/inspiration-no-25-inspired-by-balenciaga/>.

ISSEY MIYAKE

Issey Miyake was a Japanese designer known for his playful and bright designs that looked fun and seemed to always defy physics.⁷

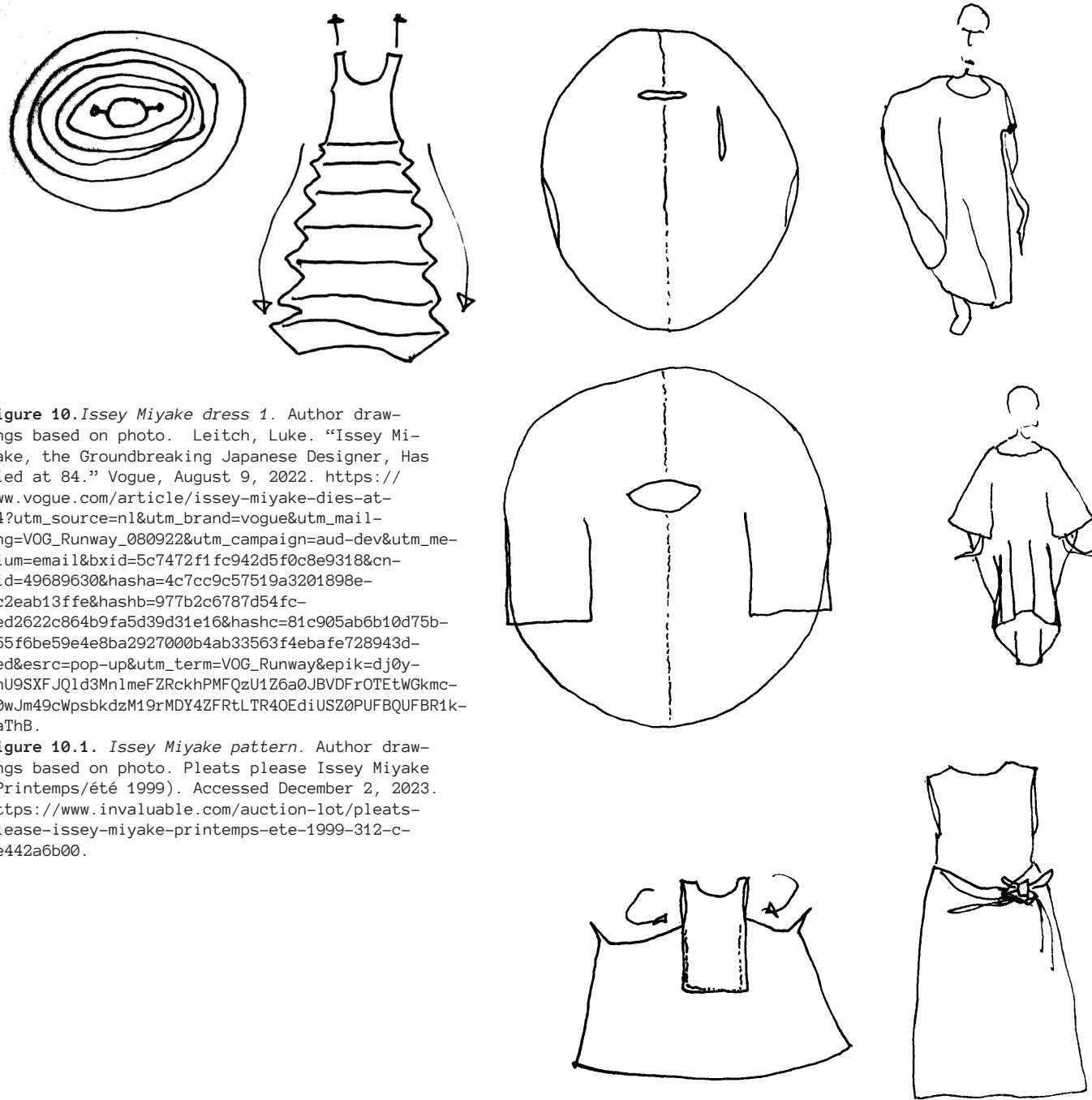


Figure 10. Issey Miyake dress 1. Author drawings based on photo. Leitch, Luke. "Issey Miyake, the Groundbreaking Japanese Designer, Has Died at 84." Vogue, August 9, 2022. https://www.vogue.com/article/issey-miyake-dies-at-84?utm_source=nl&utm_brand=vogue&utm_mail=VOG_Runway_080922&utm_campaign=aud-dev&utm_medium=email&utm_bid=5c7472f1fc942d5f0c8e9318&cnid=49689630&hasha=4c7cc9c57519a3201898e-0c2eab13ffe&hashb=977b2c6787d54fc-ced2622c864b9fa5d39d31e16&hashc=81c905ab6b10d75b-455f6be59e4e8ba2927000b4ab33563f4ebafe728943d-8ed&esrc=pop-up&utm_term=VOG_Runway&epik=dj0y-JnU9SXFJQ1d3MnlmeFZRckhPMFQzU1Z6a0JBVDFrOTEtWGkmc-D0wJm49cWpsbkdzM19rMDY4ZFRtLTR40EiUSZ0PUFBQUBR1k-yaThB.

Figure 10.1. Issey Miyake pattern. Author drawings based on photo. Pleats please Issey Miyake (Printemps/été 1999). Accessed December 2, 2023. <https://www.invaluable.com/auction-lot/pleats-please-issey-miyake-printemps-ete-1999-312-c-4e442a6b00>.

Issey Miyake seemed to design flat on the ground with the anticipation of the garment hanging upon the users body. Christopher Breward describes Issey Miyake's work as having "abstract geometrical properties of cloth and its relationship to the body".⁸ He used gravity as a tool to bring his skills to life. Once the piece is lifted from the ground, the clothing has been re-imagined in a new way. He parallels Issey Miyake's clothing to "precepts of architectural modernism".

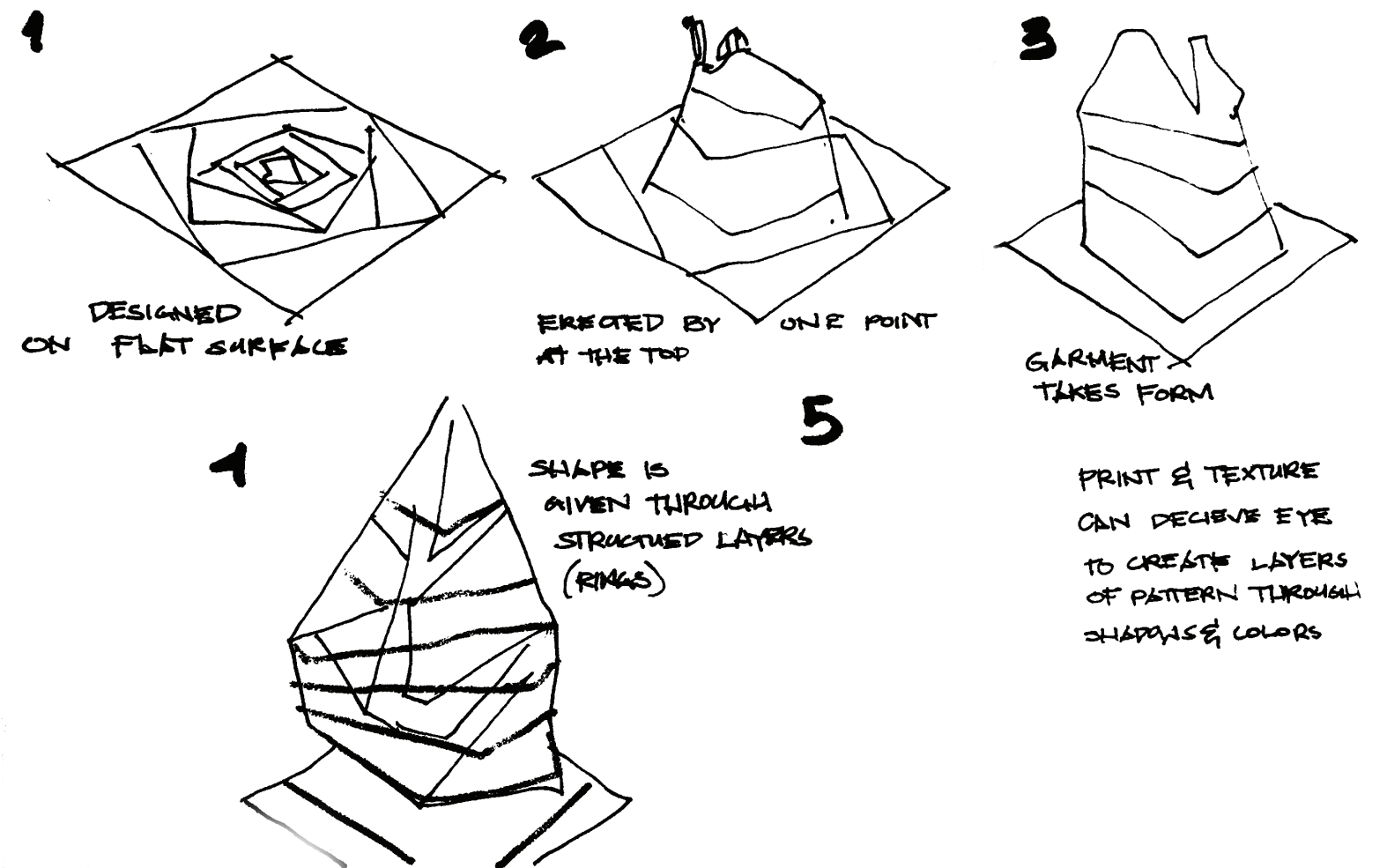


Figure 11. Issey Miyake 2. Author drawings based on photo. Brad Turner | 5 October 2010 26 comments. "132 5. by Issey Miyake." Dezeen, June 15, 2020. <https://www.dezeen.com/2010/10/05/132-5-by-issey-miyake/>.

YVES SAINT LAURENT

Christopher Breward in Oxford History of Art: Fashion highlights Yves Saint Laurent was a french fashion designer who was known for the comfortability and **elegance** of his designs.⁹ He was very influential to 1960's fashion. Yves Saint Laurent designed a lot of womenswear and was most known for his work in women's fashion. He imagined the **female figure** as tall, slender, and without many curves. He was inspired by **powerful silhouettes** and **pop-y geometries**. Yves Saint Laurent used pop art and common cultural artists to influence many of his designs.

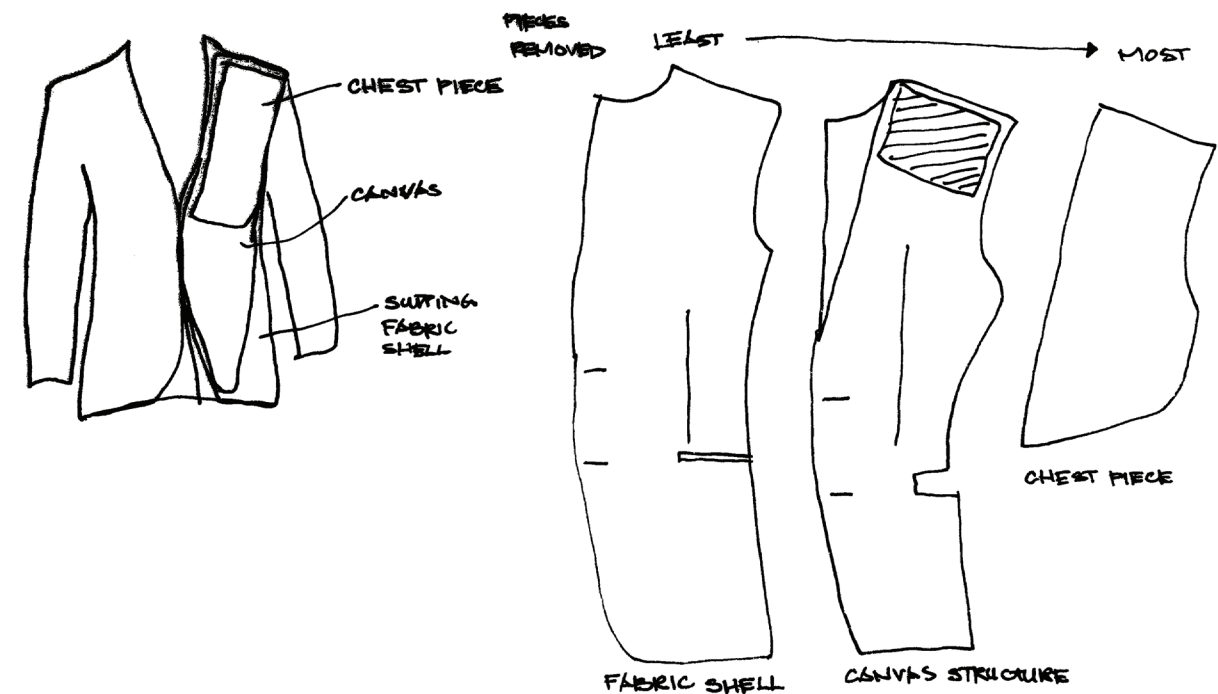
YSL is known for their informal elegance. Unstructured suits were made popular by their approach to the typology of tailoring in menswear and womenswear. A study of the **unstructured** jacket, what components are implemented into a suit jacket to give it **structure** and what YSL removed to create their style can be seen below.



Figure 12. YSL Silhouette 1-3. Author drawings based on photo. "Homage to Pop Art." Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/hommage-au-pop-art>.

Figure 12.1. YSL Silhouette 4. Author drawings based on photo. "First Safari Jacket." Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/premiere-saharienne-pe>.

Figure 12.2. YSL Silhouette 5. Author drawings based on photo. "Homage to Sergei Diaghilev and His Collaboration with Picasso." Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/cette-collection-est-un-hommage-a-serge-de-diaghilev-et-a-sa-collaboration-avec-picasso>.



VIVIENNE WESTWOOD

Vivienne Westwood was a British designer, reaching the height of her career in the late 80's and early 90's. Christopher Breward describes her label known for its punk-rock influence on anti-fashion at the center of punk-rock popularity in England. Collections of mashed-up eras of British history collaged powdered wigs and corsets with 80's band makeup and leather. This created a purposeful mix of colors, shapes, patterns, and technology.¹⁰

Michael Graves' Portland building is an excellent example of this collaging in architecture.

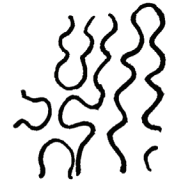
ANTI-FASHION PUNK COLLAGE



PIRATE HATS



BUNCHING/RUFFLE



1970S PATTERNS



STRIPES



SHORT JACKET



80'S TECHNO PATTERN



HEADPHONES



EXAGGERATED MAKE UP



WIGS

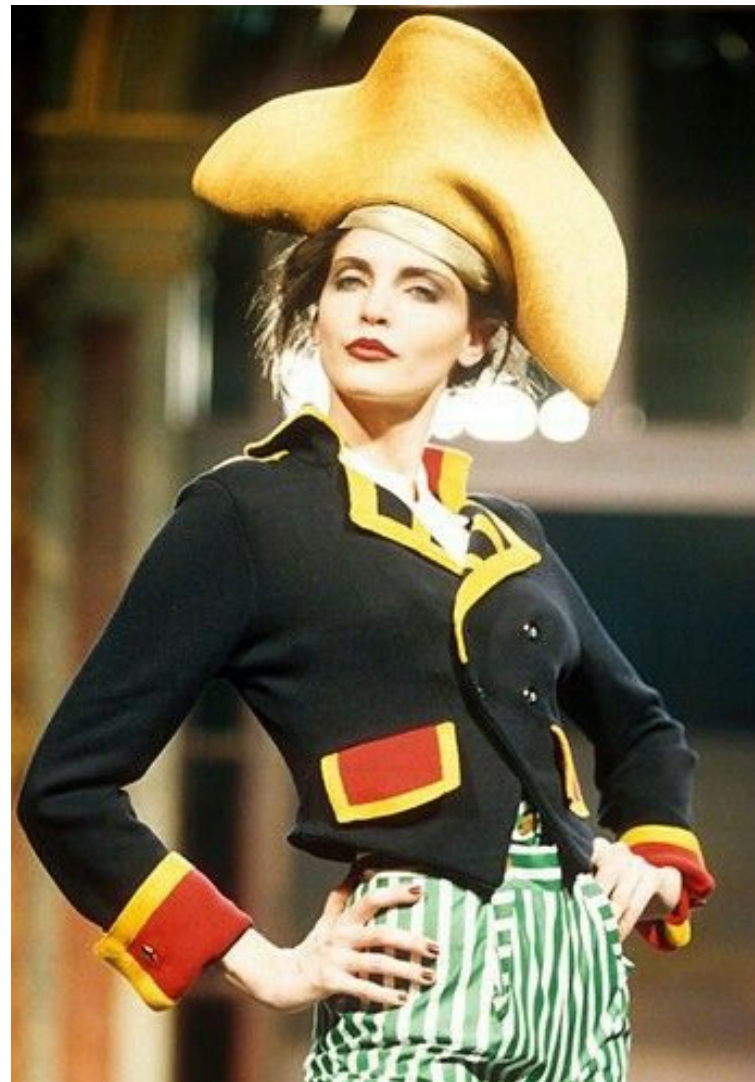
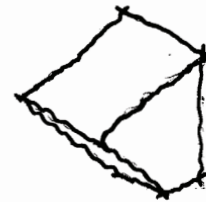


Figure 13. Vivienne Westwood pirates. Fabick, Rebecca. "Mame Fashion Dictionary: Vivienne Westwood Pirate Collection - Mam-e." MAM, December 18, 2017. <https://fashion.mam-e.it/vivienne-westwood/mame-fashion-dictionary-vivienne-westwood-pirate-collection/>.

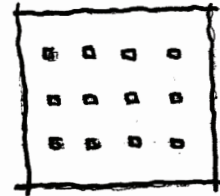
MICHAEL GRAVES PORTLAND BUILDING



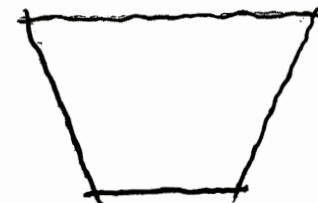
FLUTED COLUMNS



CONCRETE CORBEL



PUNCHED WINDOWS/COLUMN GRID



KEYSTONE (ARCH)



GARLANDS OR RIBBONS

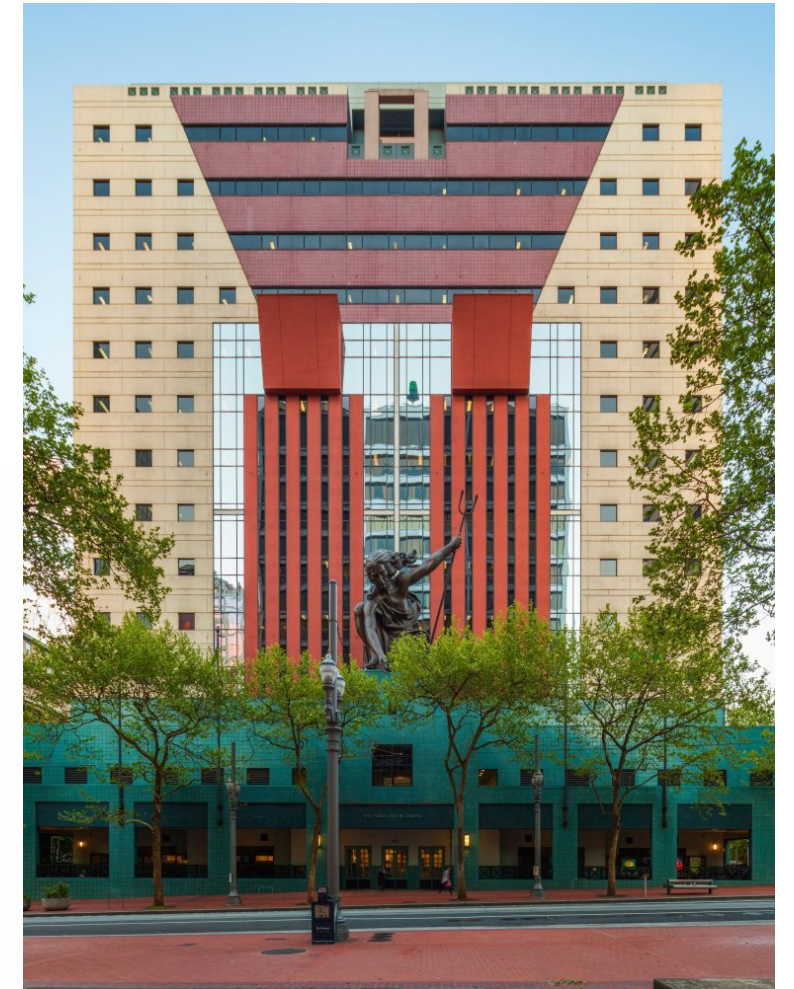


Figure 14. Michael Graves Portland. Kearney, Kate, and Kate Kearney. "Michael Graves." Peter Meijer Architect, PC, July 5, 2016. <https://pmapdx.com/tag/michael-graves>.

ARCHI- TECTURAL CASE STUDIES

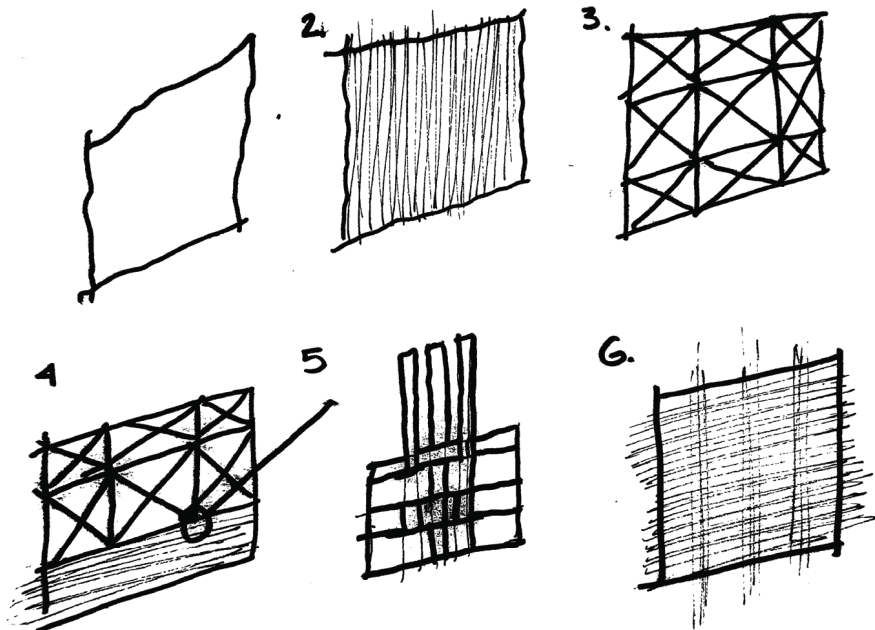
An analysis of architectural works displaying methods of making/manipulating fabric into fashion through form, material, technique, or narrative.

SIGNAL PAIN



Figure 15. *Signalpain*. "Signalpain." Ex. Accessed September 20, 2023. <https://www.ex-expo.ch/en/detail/signalpain>.

An Architectural experience made by cutting sheets of metal into **strips** and **weaving** them back together through a structural frame.



ENNIS HOUSE



Figure 16. *Ennis House*. "Ennis House." SGH, September 20, 2021. <https://www.sgh.com/project/ennis-house/>.

Frank Lloyd Wright's Ennis house made with **textile blocks woven** together with **threads** of steel rebar to connect the block together. This forms a sort of **quilt** resistant to earthquakes.



Figure 16.1. Textile block. Author drawing based on photo. American, Frank Lloyd Wright. "Frank Lloyd Wright: Concrete Block from the Charles Ennis House: American." The Metropolitan Museum of Art. Accessed October 3, 2023. <https://www.metmuseum.org/art/collection/search/2235>.

LOUIS VUITTON FONDATION



Figure 17. *Louis Vuitton Fondation*. Arnault, Bernard. "Promotion of the Arts." Fondation Louis Vuitton. Accessed September 23, 2023. <https://www.fondationlouisvuitton.fr/en/fondation>.

Louis Vuitton's Fondation building designed by Frank Gehry uses a structural frame to support a system of **glass sails**. These representations of **fabric pieces drape** over the program and sub-form on the inside to re-imagine the experience.

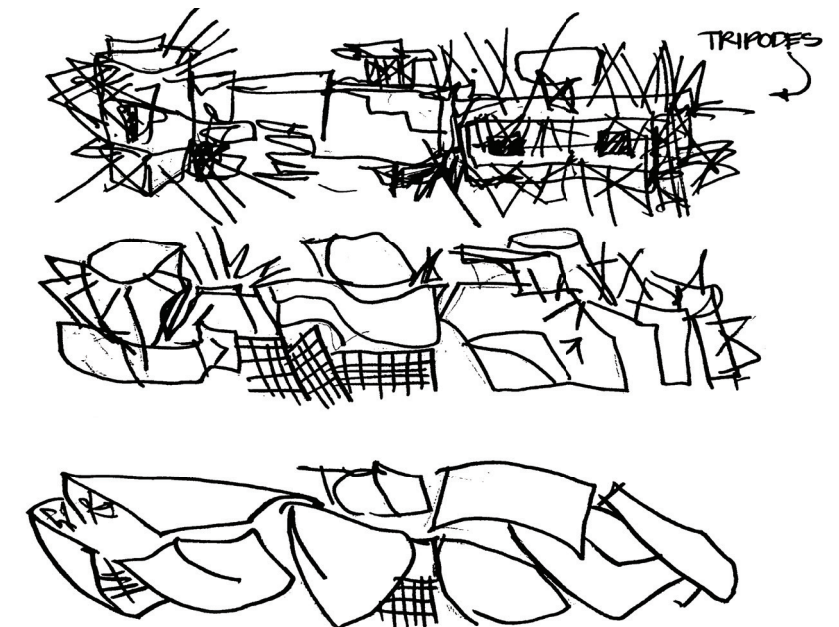


Figure 17.1. *Louis Vuitton Fondation sails*. Author drawing based on photo. Woodman, Ellis. "Carte Blanche: Fondation Louis Vuitton, Paris, France, by Gehry Partners." *Architectural Review*, July 21, 2020. <https://www.architectural-review.com/today/carte-blanche-fondation-louis-vuitton-paris-france-by-gehyr-partners>.

FIT C^2



Figure 18. *FIT C2*. designboom, ridhika naidoo I. "Shop Architects: Fashion Institute of Technology, New York." designboom, April 20, 2010. <https://www.designboom.com/architecture/shop-architects-fashion-institute-of-technology-new-york/>.

The Fashion Institute of Technology addition to one of the buildings on its campus. **Program** is **woven** into a vertical corridor for students to enjoy. **Strips** of facade and floorplates are visually and programatically **woven** into the side of the building.

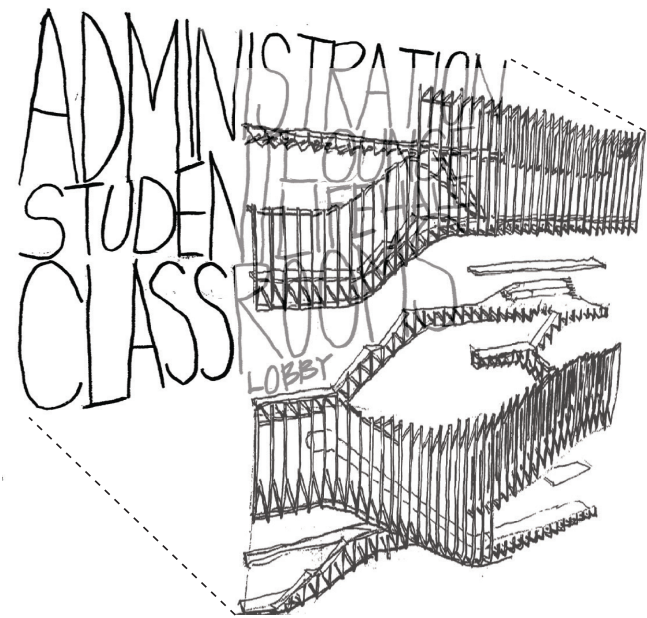


Figure 18.1. *FIT C2 Structure*. Fashion Institute of Technology in NYC set to get a major facelift. Accessed October 27, 2023. <https://inhabitat.com/fashion-institute-of-technology-set-to-get-a-major-facelift/>.

21_21 DESIGN SIGHT



Figure 19. "21_21 Design Sight, Tokyo Midtown - Roppongi, Tokyo." JapanTravel. Accessed November 2, 2023. <https://en.japantravel.com/tokyo/21-21-design-sight/1848>.

Issey Miyake teamed up with Tadao Ando to design an art gallery. The idea was to make the structure look like it was made of "**one piece of cloth**". The building practices techniques of **folding a single piece** of metal to cover the structure and glass on the front to highlight only the roof.

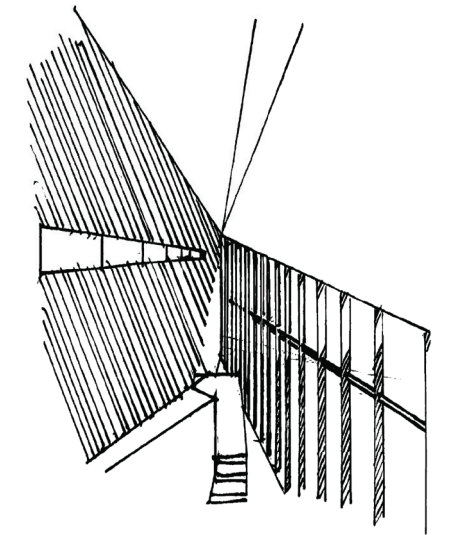


Figure 19.2. *Design Sight perspective*. "21_21 Design Sight." JPN. Accessed November 2, 2023. <https://www.2121designsight.jp/en/gallery3/leasing/architecture.html>.

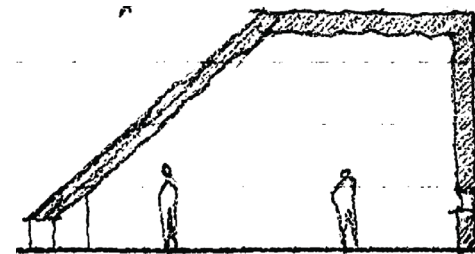
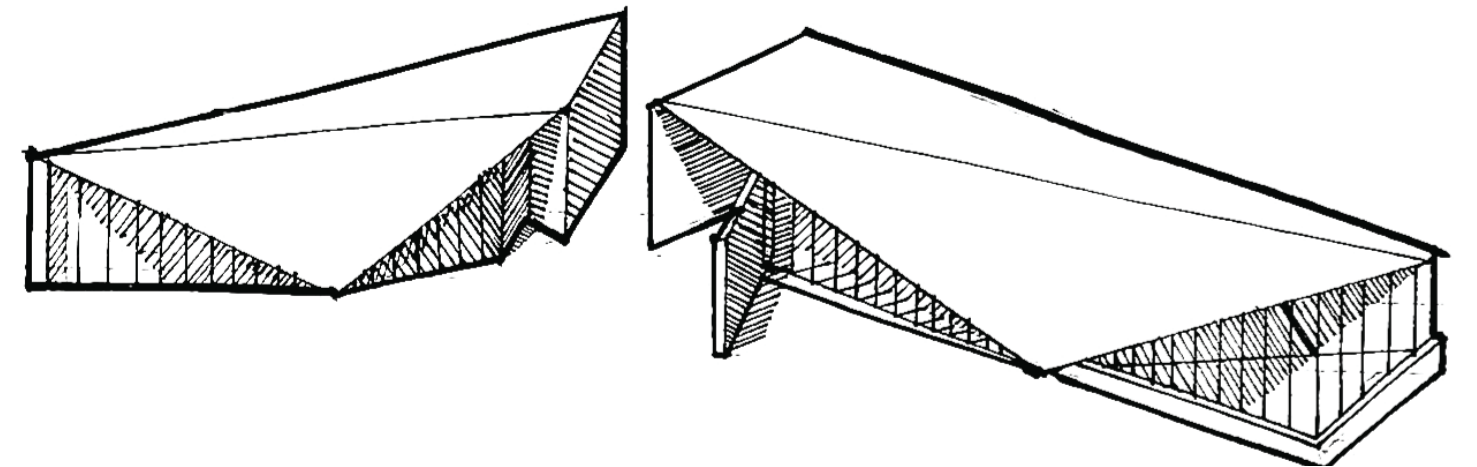


Figure 19.1. *Design Sight Section*. "21_21 Design Sight." JPN. Accessed November 2, 2023. <https://www.2121designsight.jp/en/design-sight/architecture.html>.

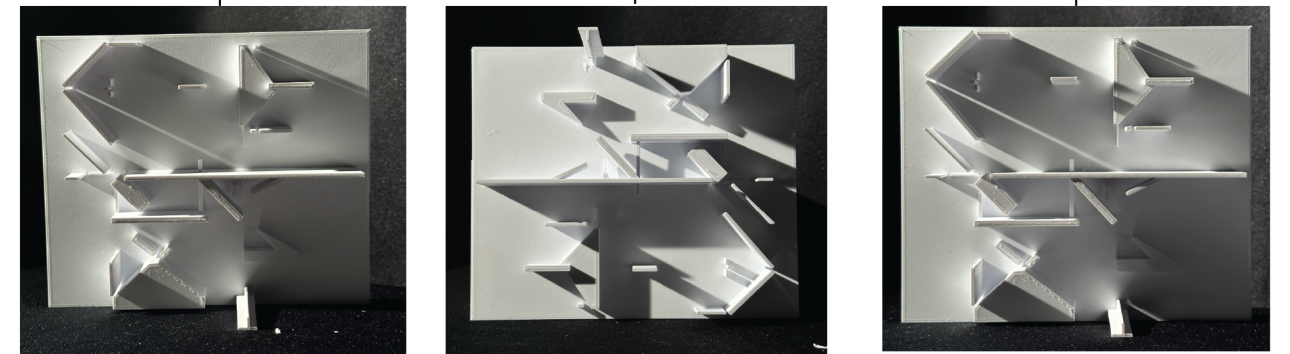
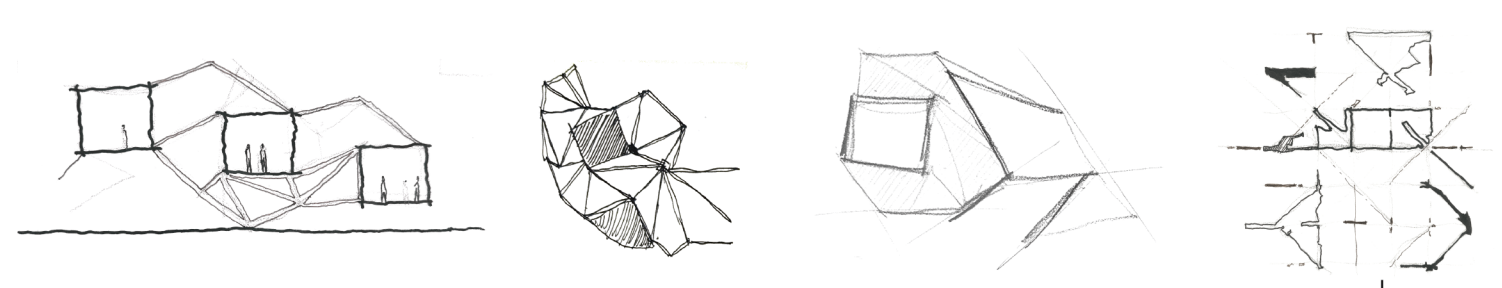
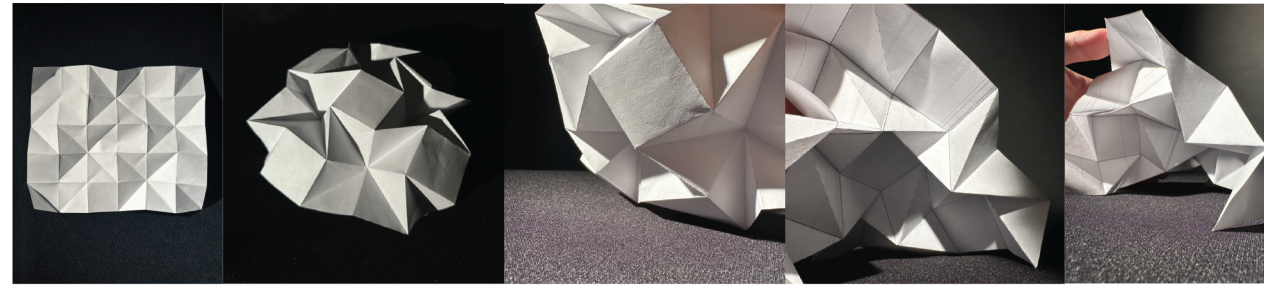
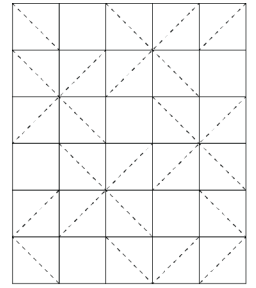




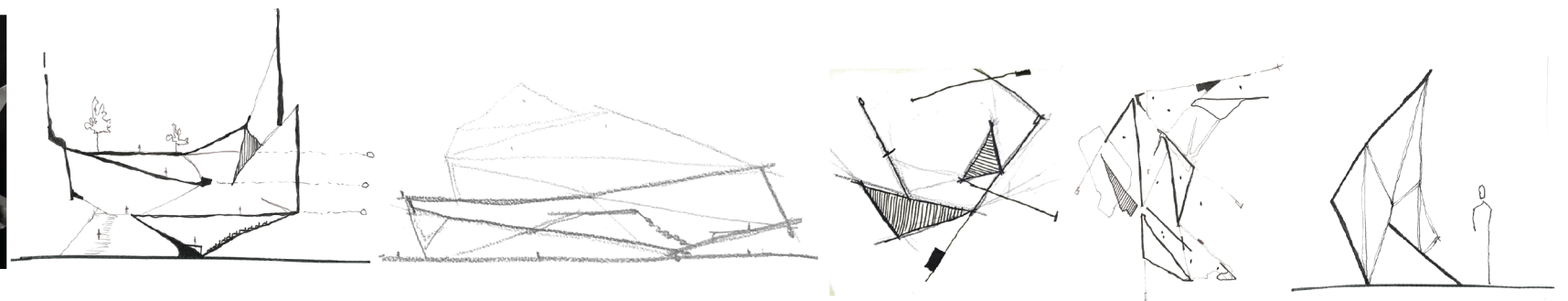
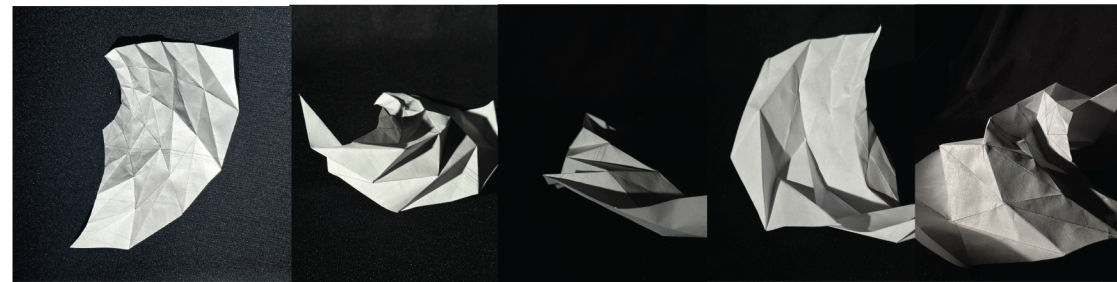
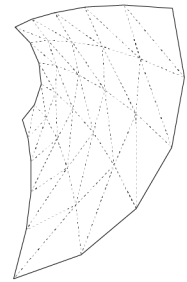
Interrogation of space through **abstractions and iterative drawings, models (physical and digital), photographs, and diagrams** of methods used in manipulation of fabric or techniques of making fashion.

FOLDING

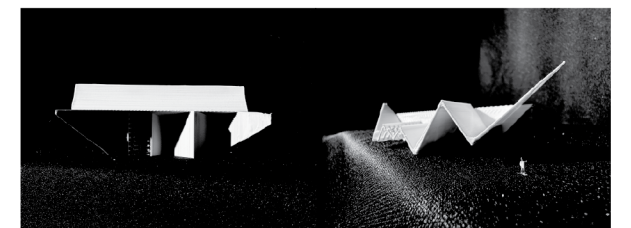
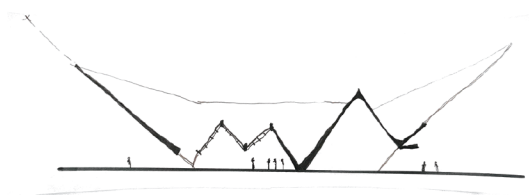
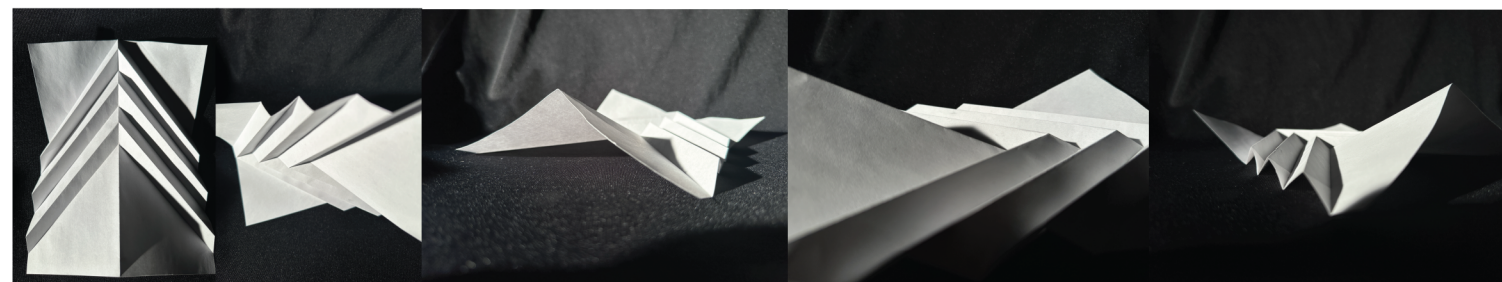
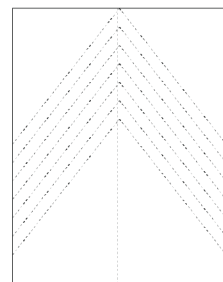
FLDG01



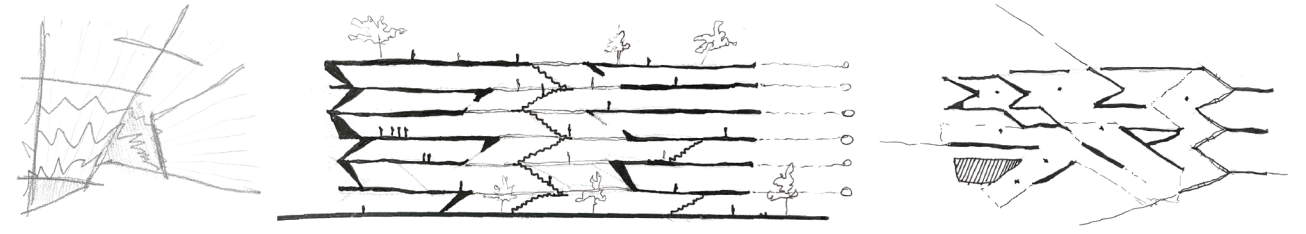
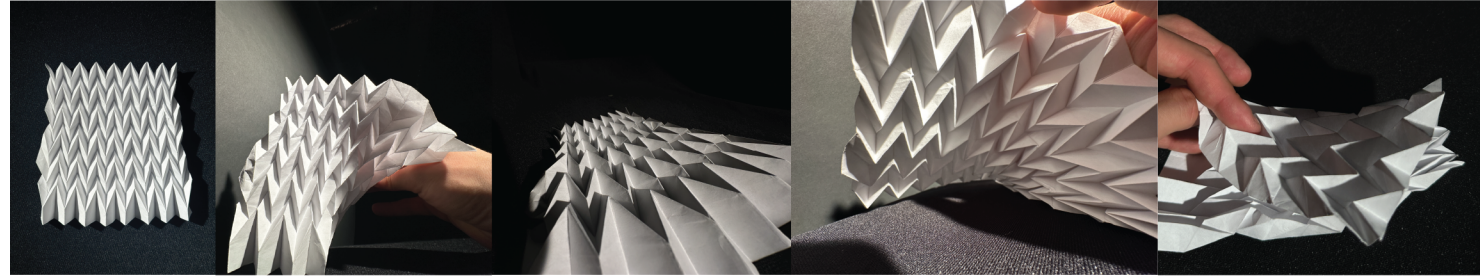
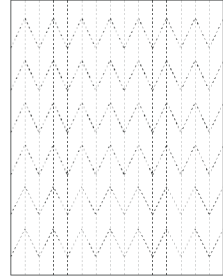
FLDG02



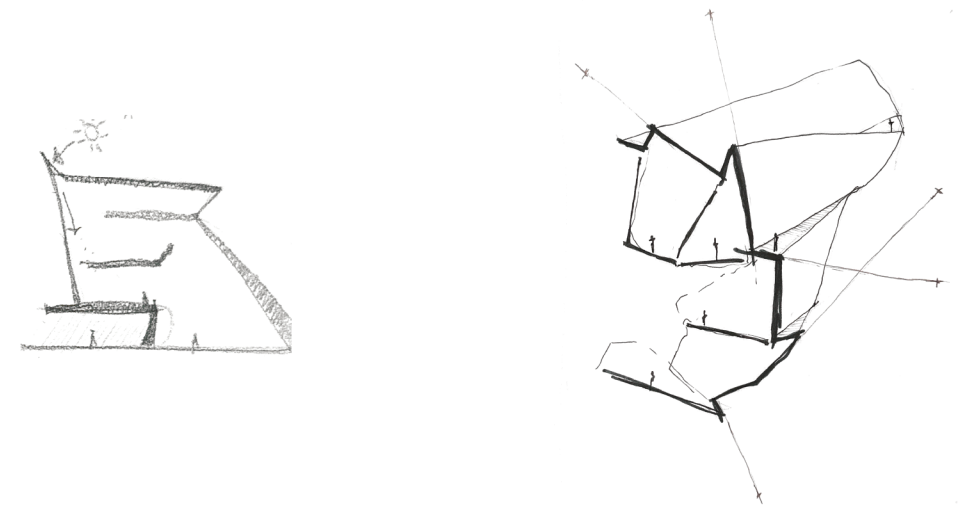
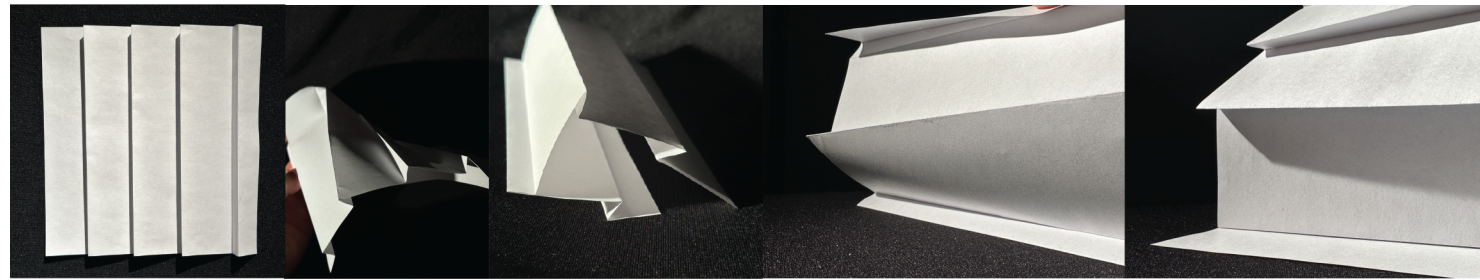
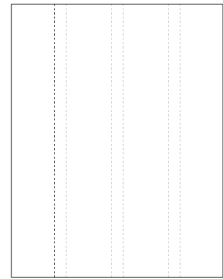
FLDG03



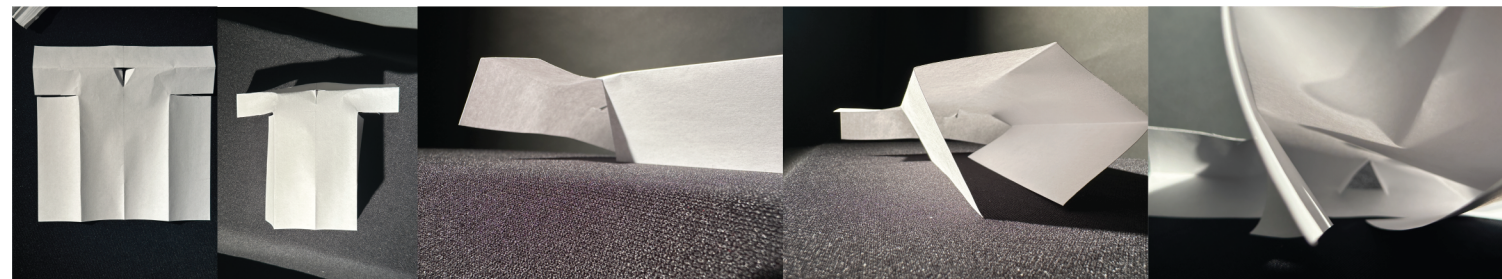
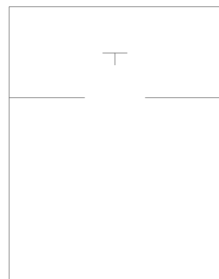
FLDG04



FLDG05

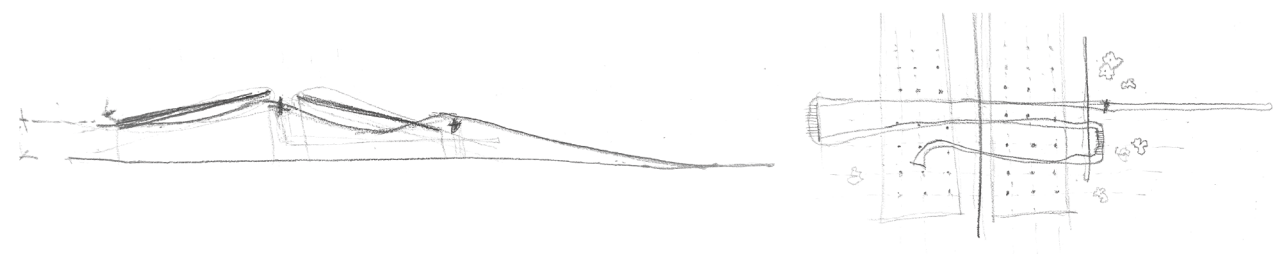
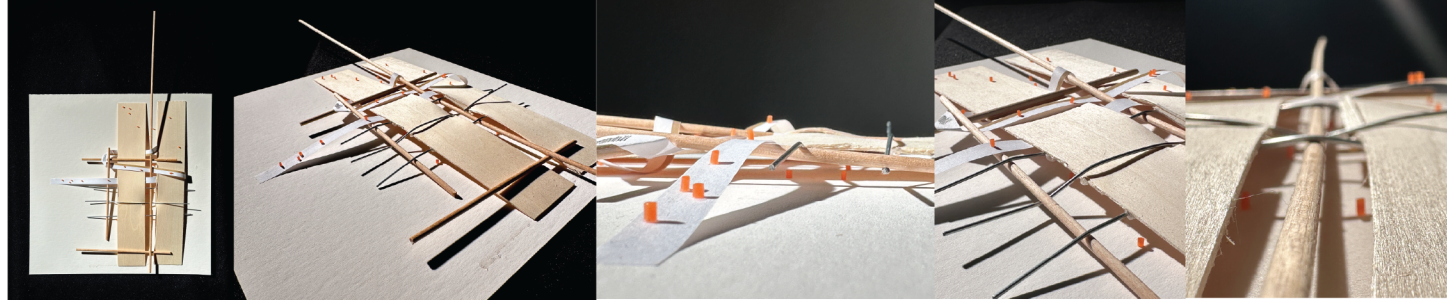
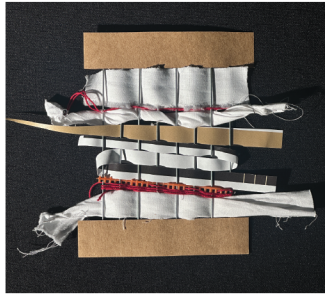


FLDG06

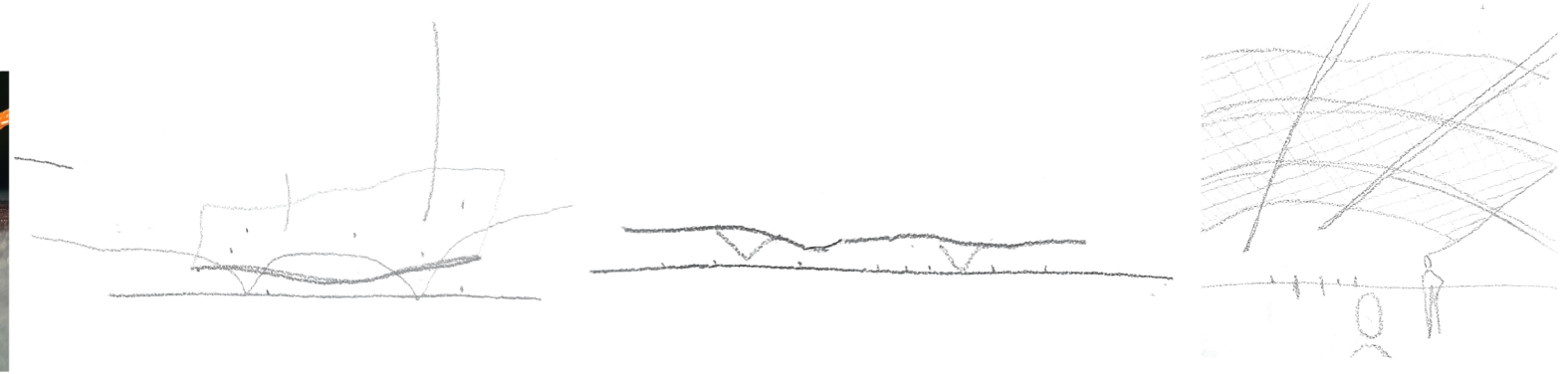
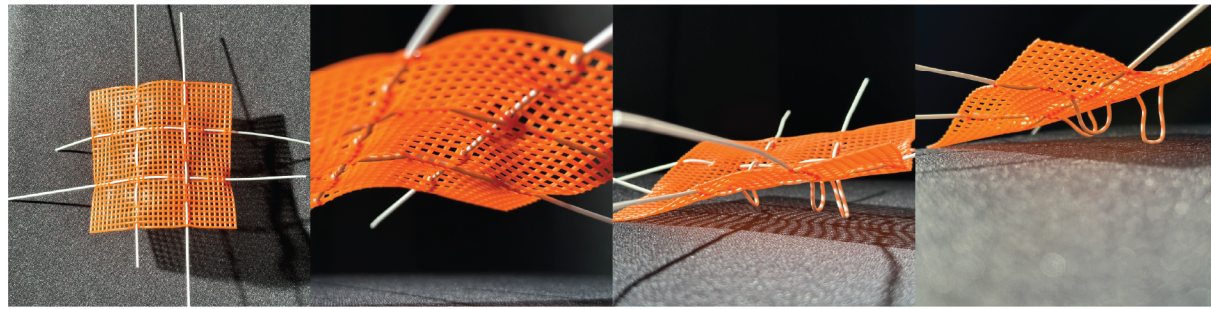
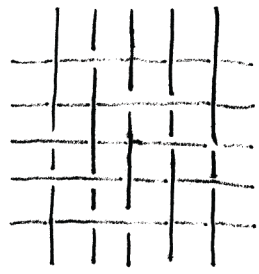


WEAVING

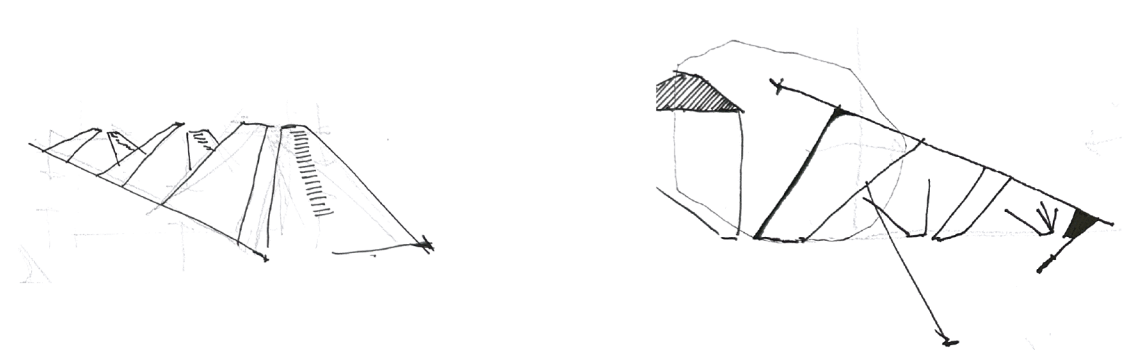
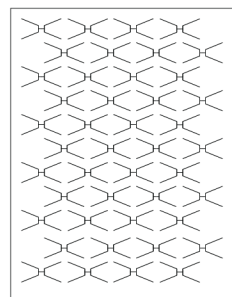
WVG01



WVG02

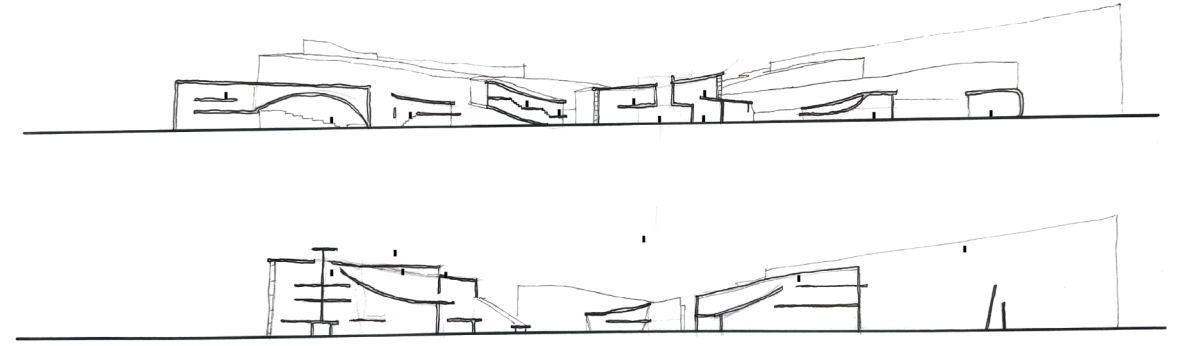
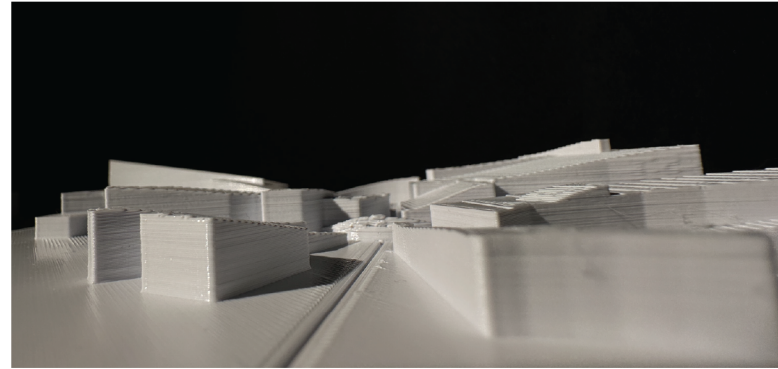
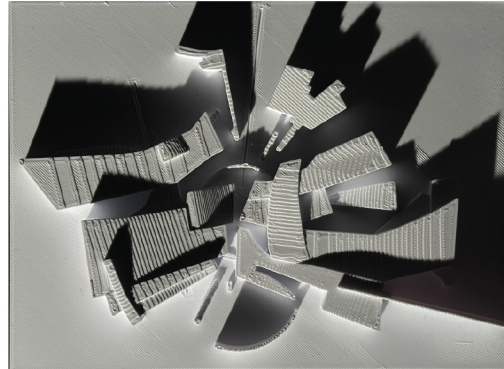
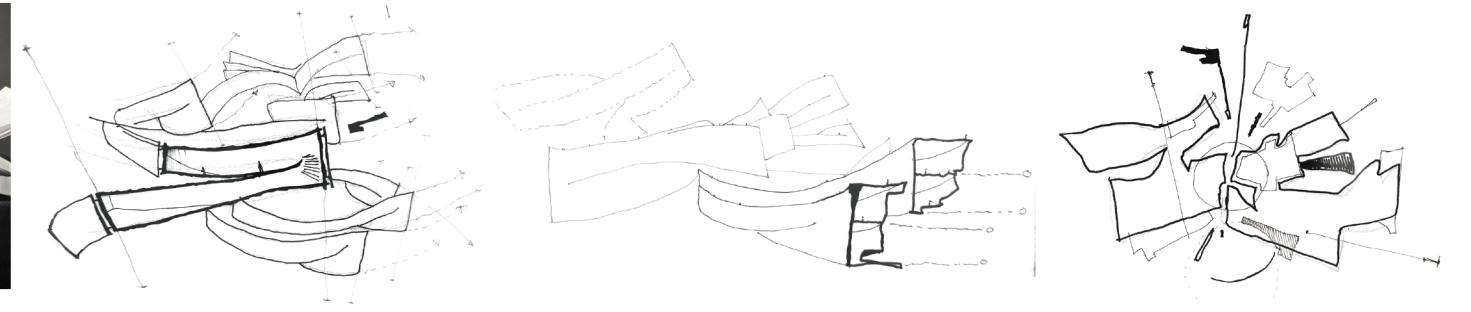
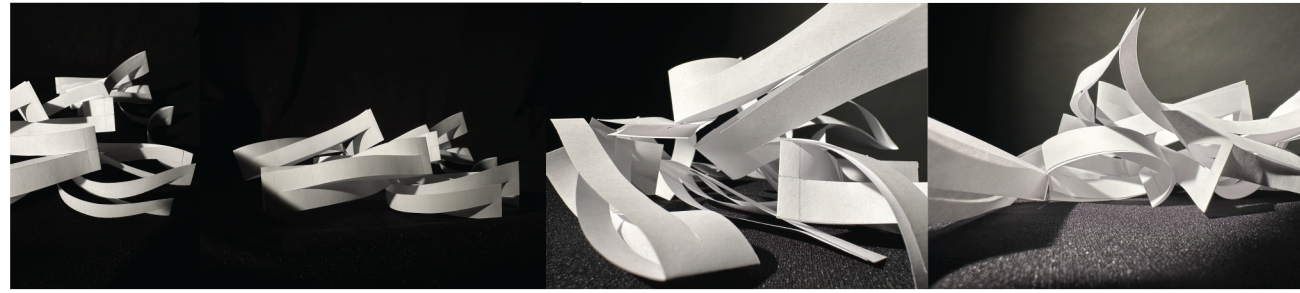
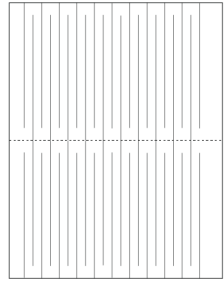


WVG03

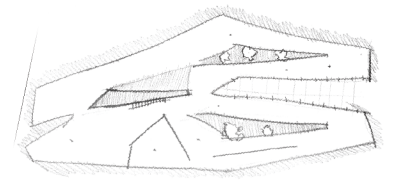
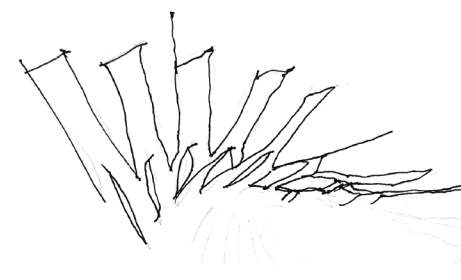
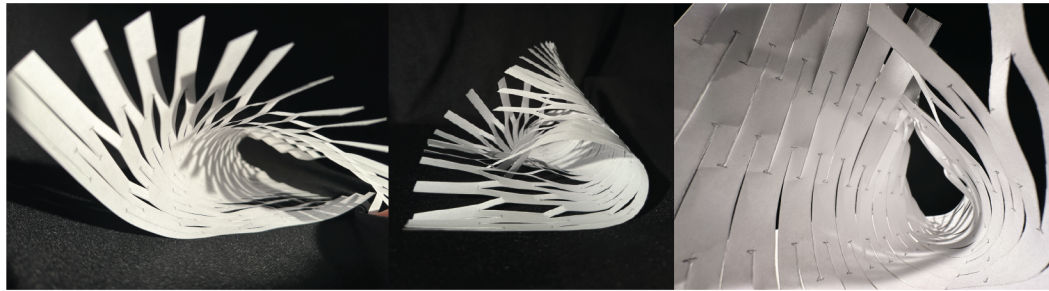
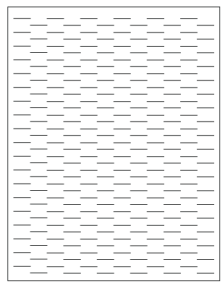


CUTTING

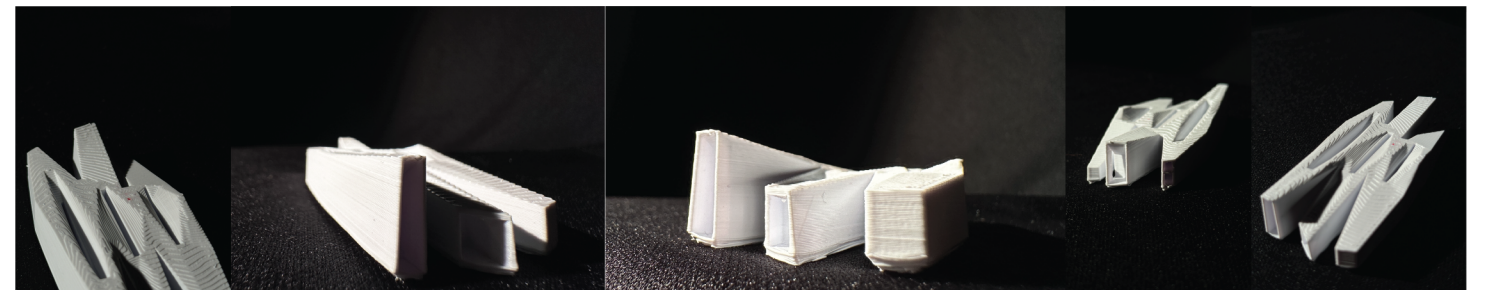
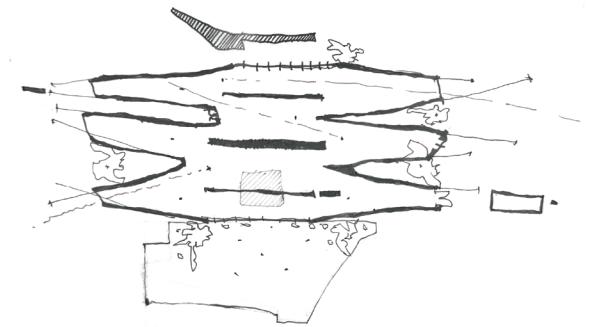
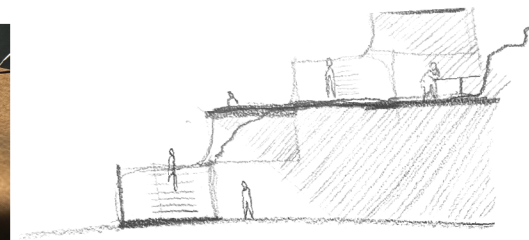
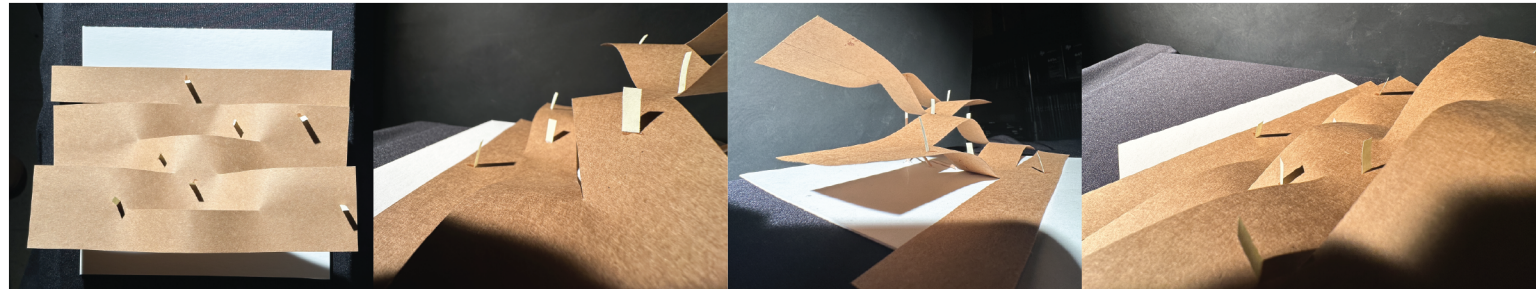
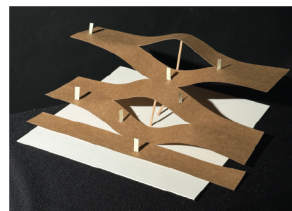
CTNG01



CTNG02



CTNG02_1



MISCELLANEOUS

MISCO1

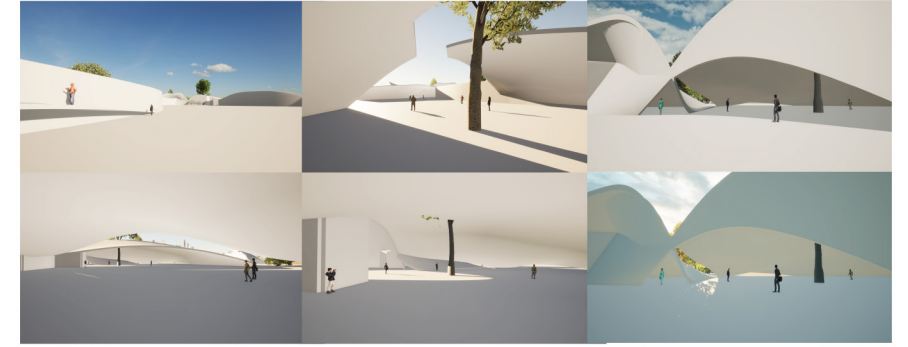
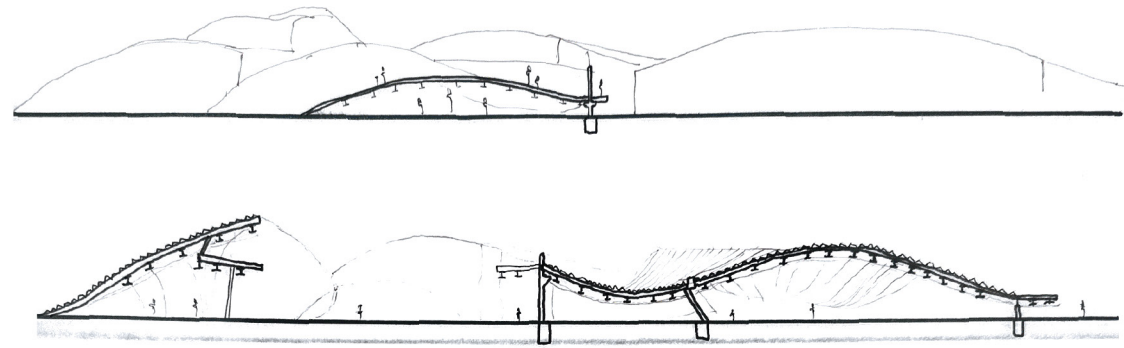


Figure 20. Issey Miyake model. Leitch, Luke. "Issey Miyake, the Groundbreaking Japanese Designer, Has Died at 84." *Vogue*, August 9, 2022. https://www.vogue.com/article/issey-miyake-dies-at-84?utm_source=nl&utm_brand=vogue&utm_mailing=VOG_Runway_080922&utm_campaign=aud-dev&utm_medium=email&bxid=5c7472f1fc942d5f0c8e9318&cndid=49689630&hasha=4c7cc9c57519a3201898e0c2eab13ffe&hashb=977b2c6787d54fced2622c864b9fa5d39d31e16&hashc=81c905ab6b10d75b455f6be59e4e8ba2927000b4ab33563f4ebafe728943d8ed&esrc=pop-up&utm_term=VOG_Runway&epik=dj0yJnU9UE1wSS1GT0dDanpsVFAzZkpxaWZzdjFFb110WjJhX3gmcD0wJm49U3ZfQ21oa0I2dWU2UDhZNVA4WEhGUSZ0PUFBQUFBFR1k1W1pF.

MISCO2

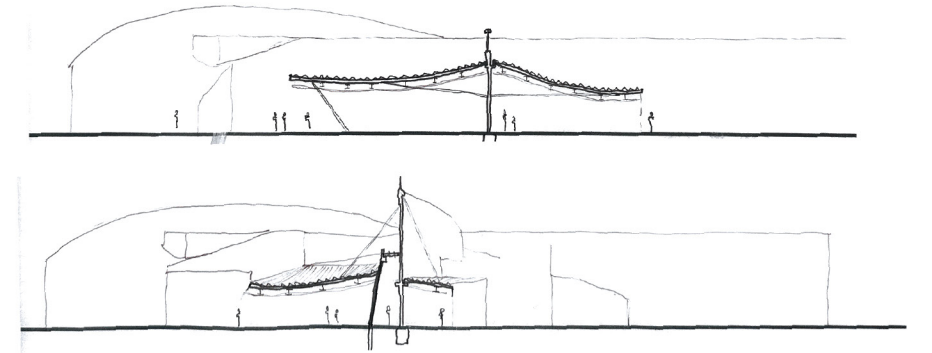
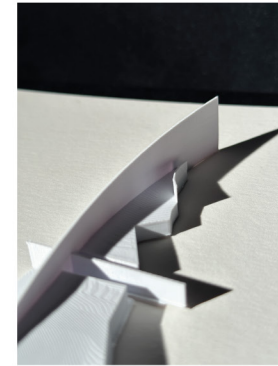
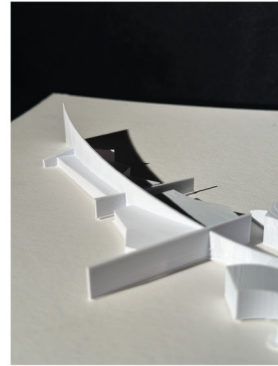
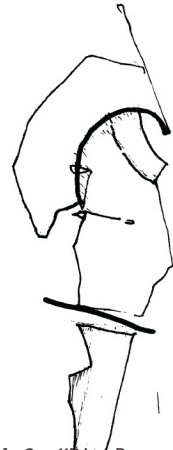
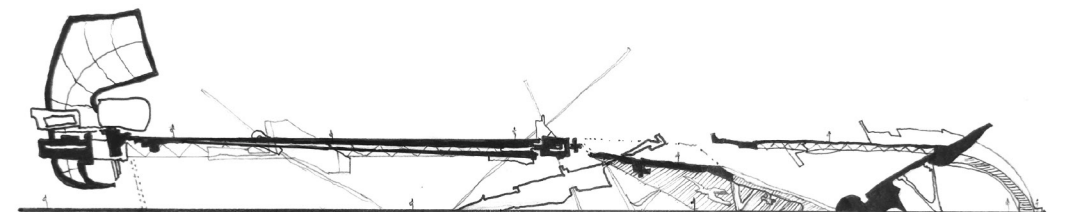
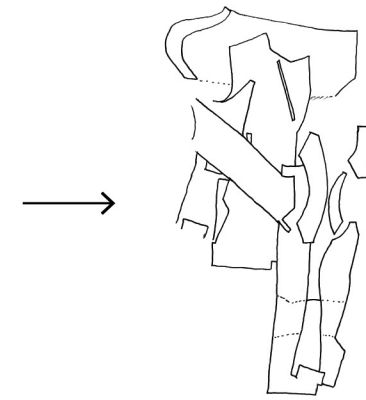
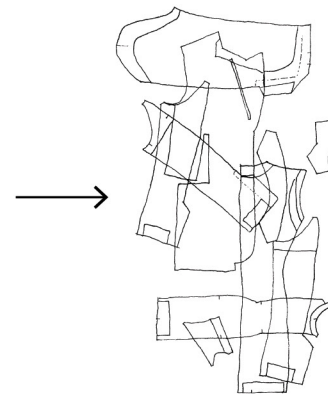
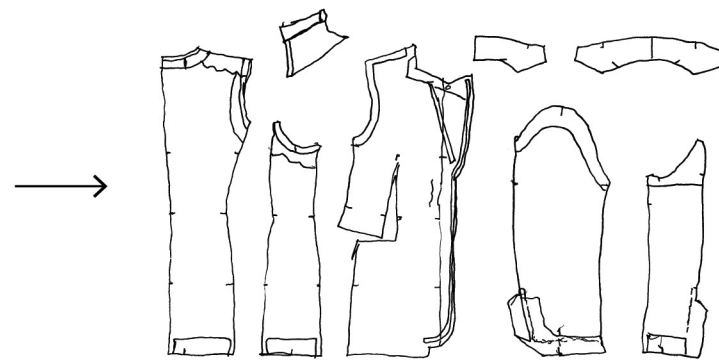
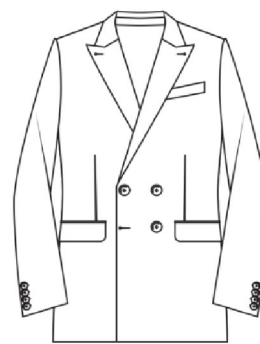
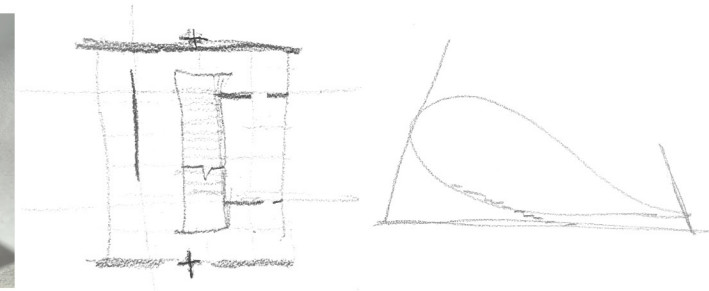
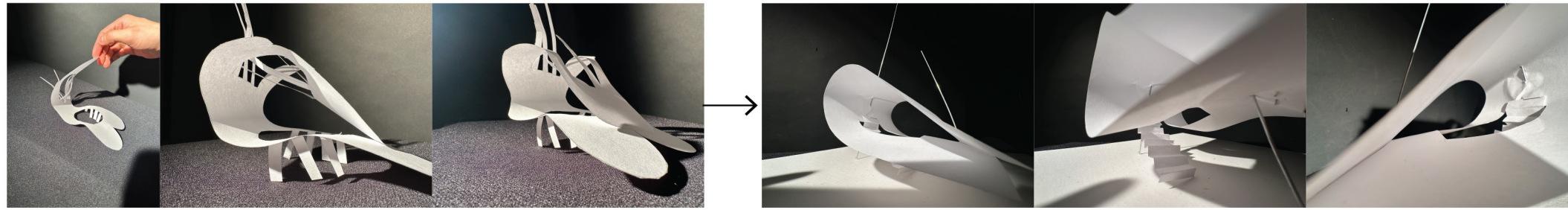
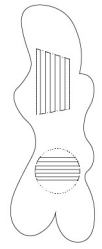


Figure 21. Issey Miyake model 2. "Pin De Kikyō En 00: Ropa, Vestuarios." Pinterest, October 29, 2014. <https://www.pinterest.com/pin/383509724492868174/>.

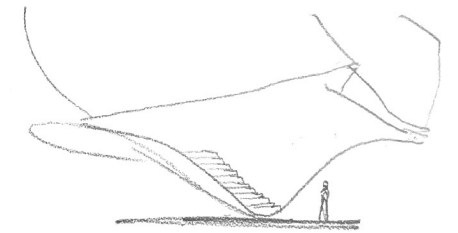
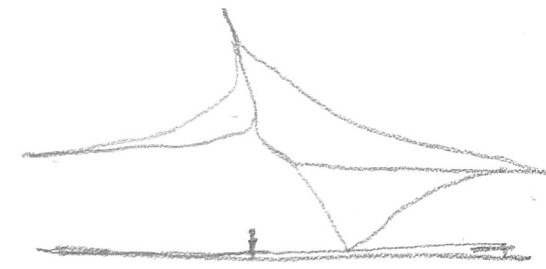
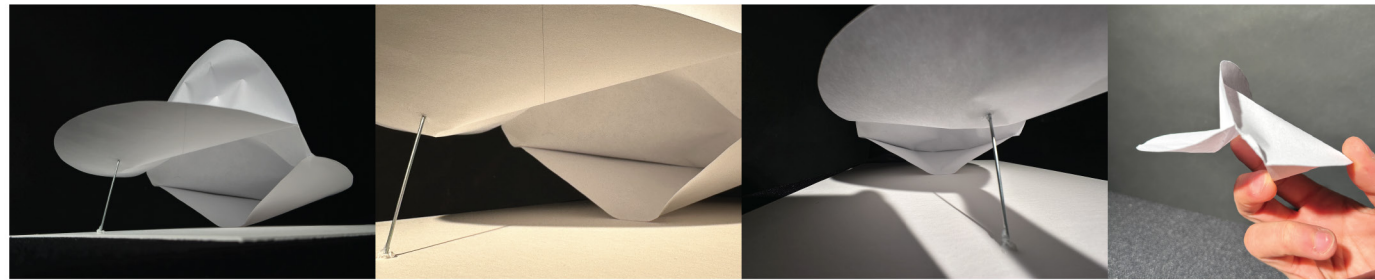
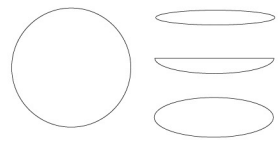
MISCO3



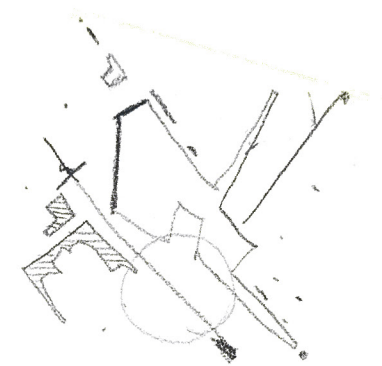
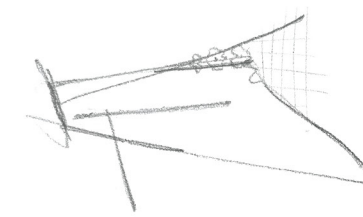
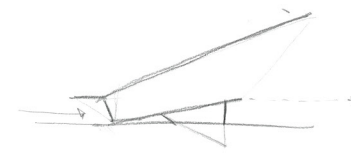
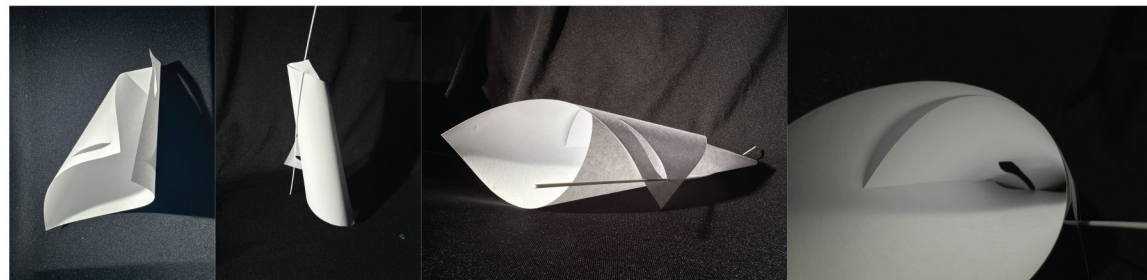
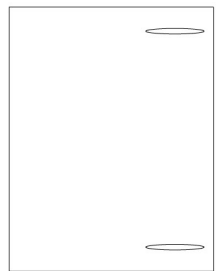
MISC04



MISC05



MISC06

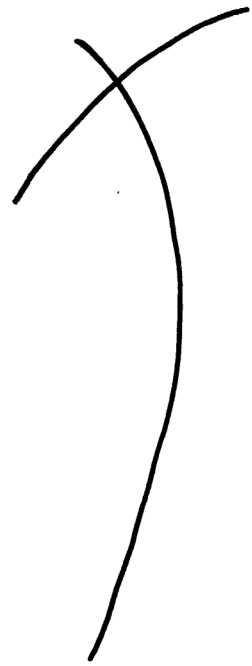




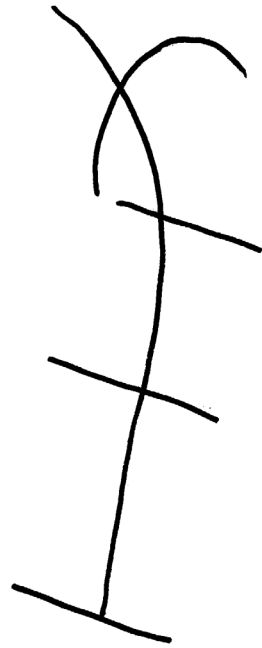
From the processes of abstraction,
a series of parameters or design
principles inform a way to design
space.



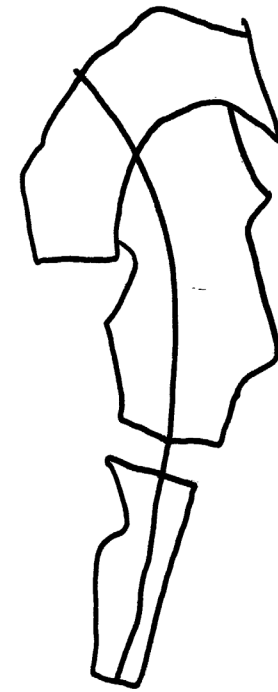
Issey Miyake
pleats please 1989



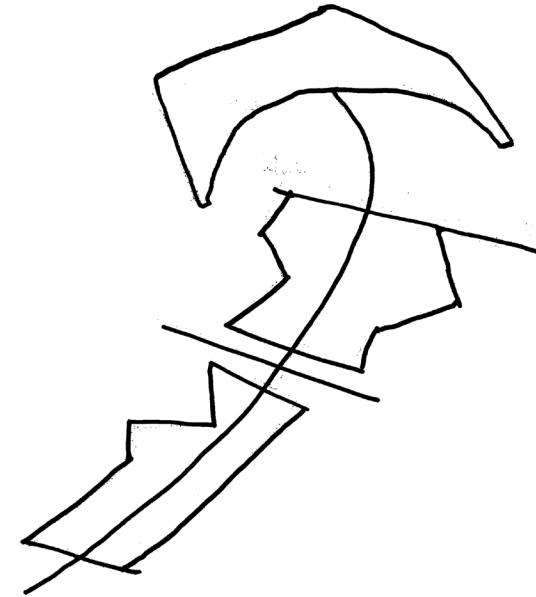
GESTURE:
Define gestural spine.



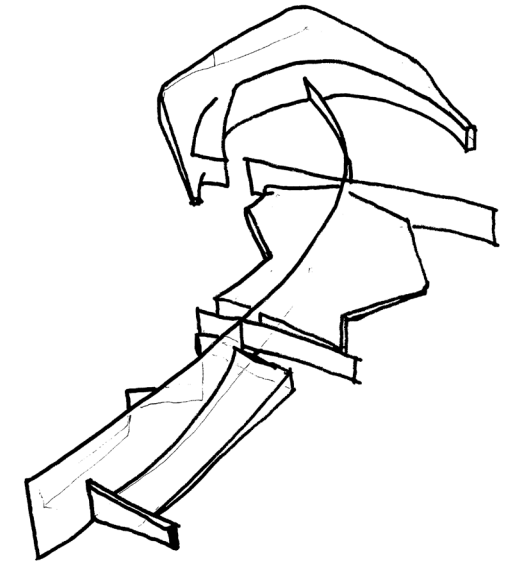
DIVISION:
Define any secondary or tertiary lines intersecting with the gesture.



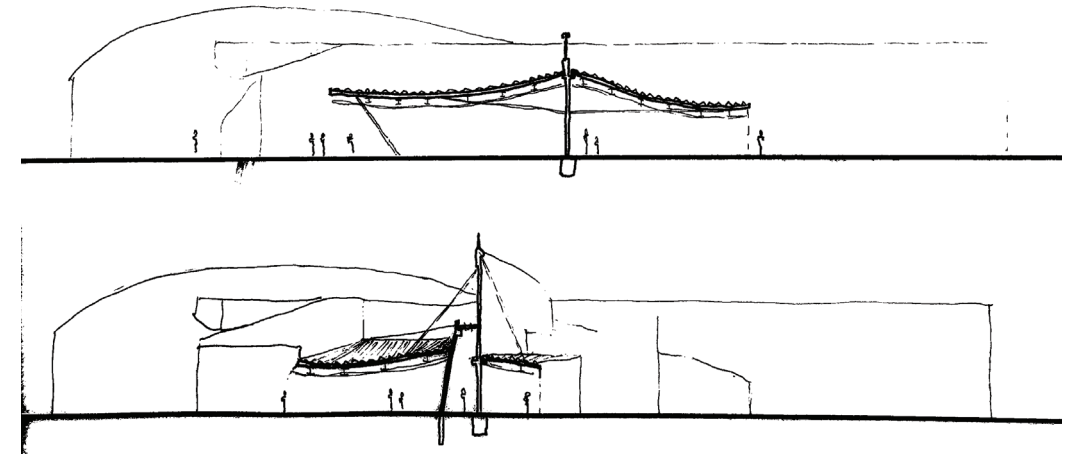
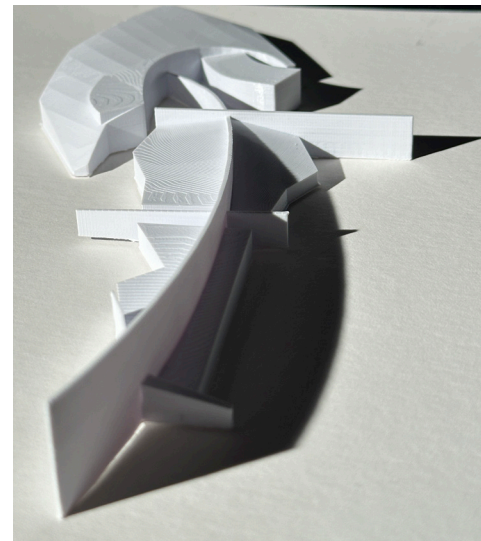
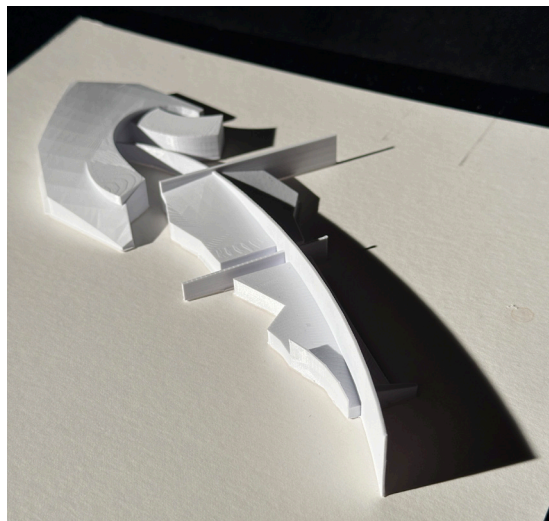
SPACE:
Use the look to define basic shapes in relation to the spine.



RE-INTRODUCTION:
Re-introduce the divisions to the now defined space.

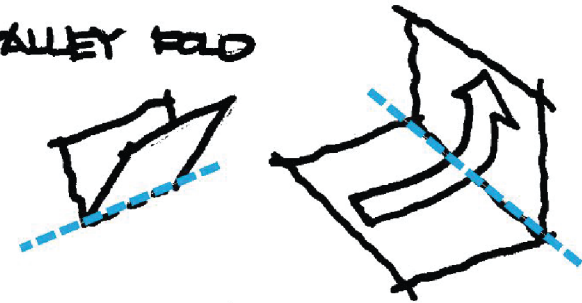


TAPER:
Taper the basic shapes as a reflection to the original look.



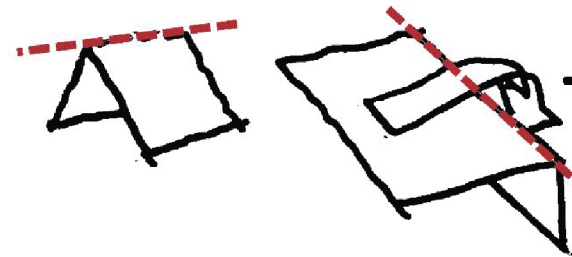
FOLDING

VALLEY FOLD



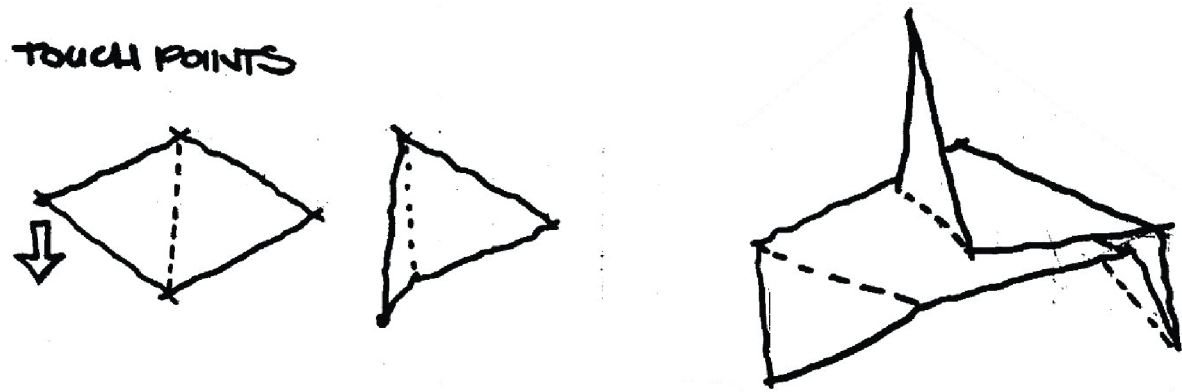
- FLOOR TO WALL

MOUNTAIN FOLDS

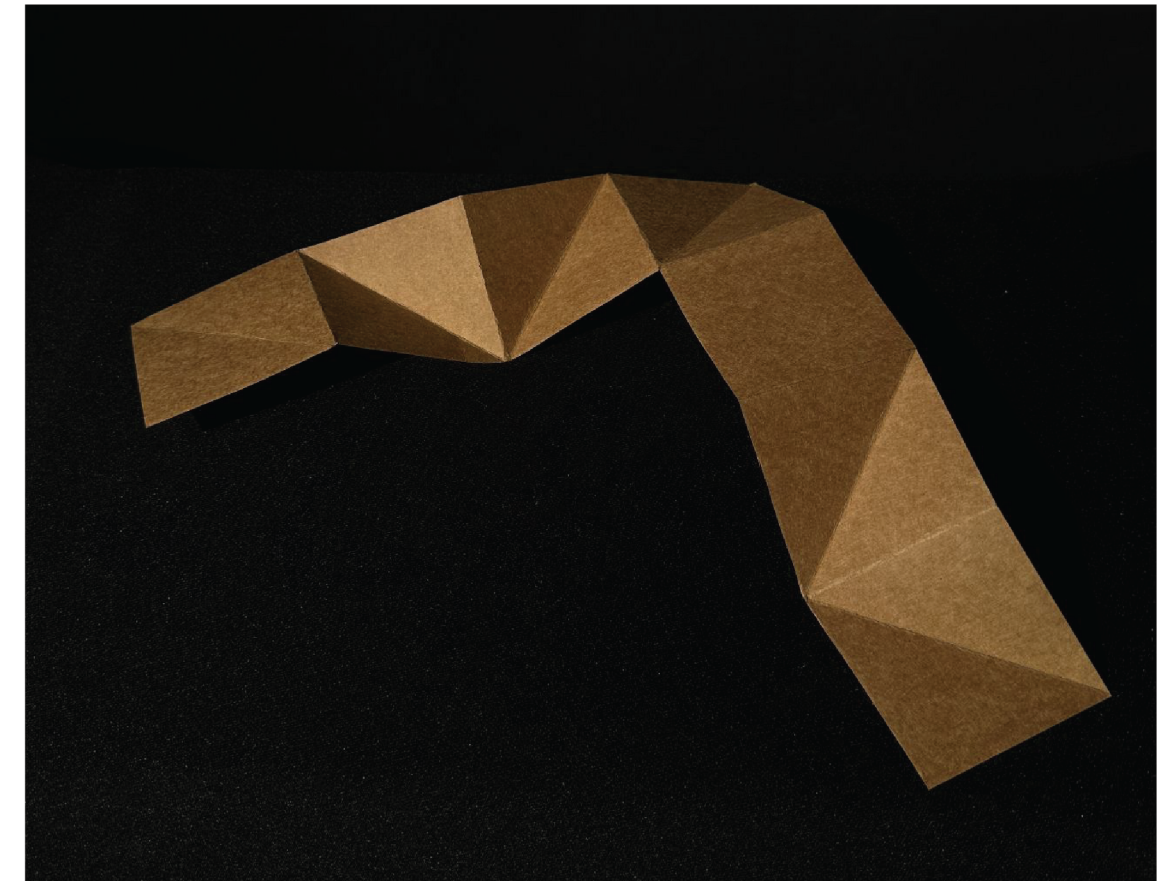
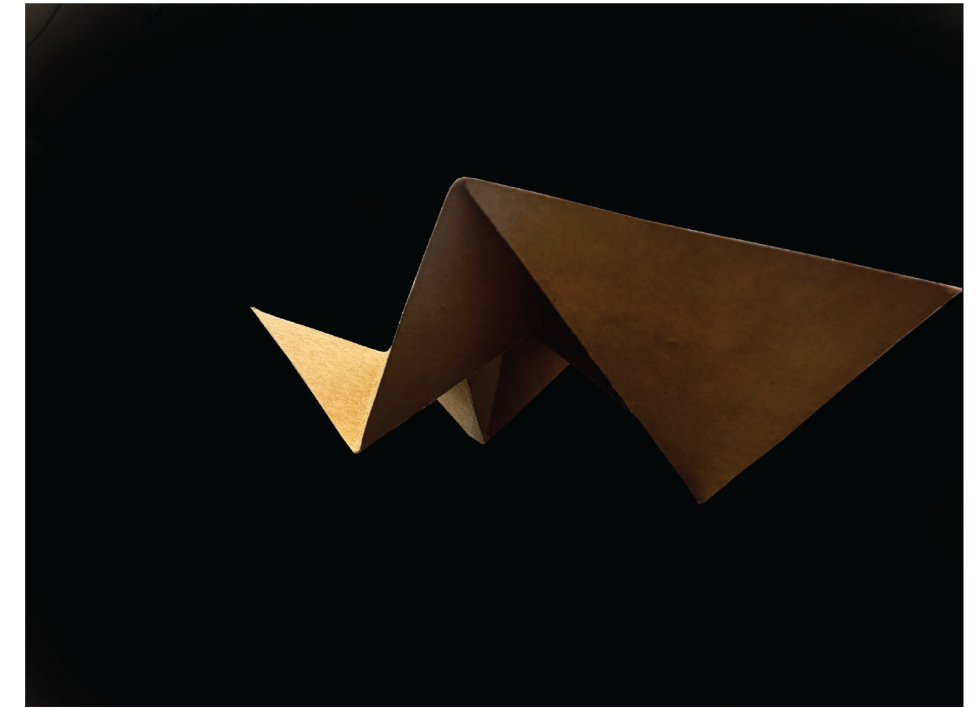
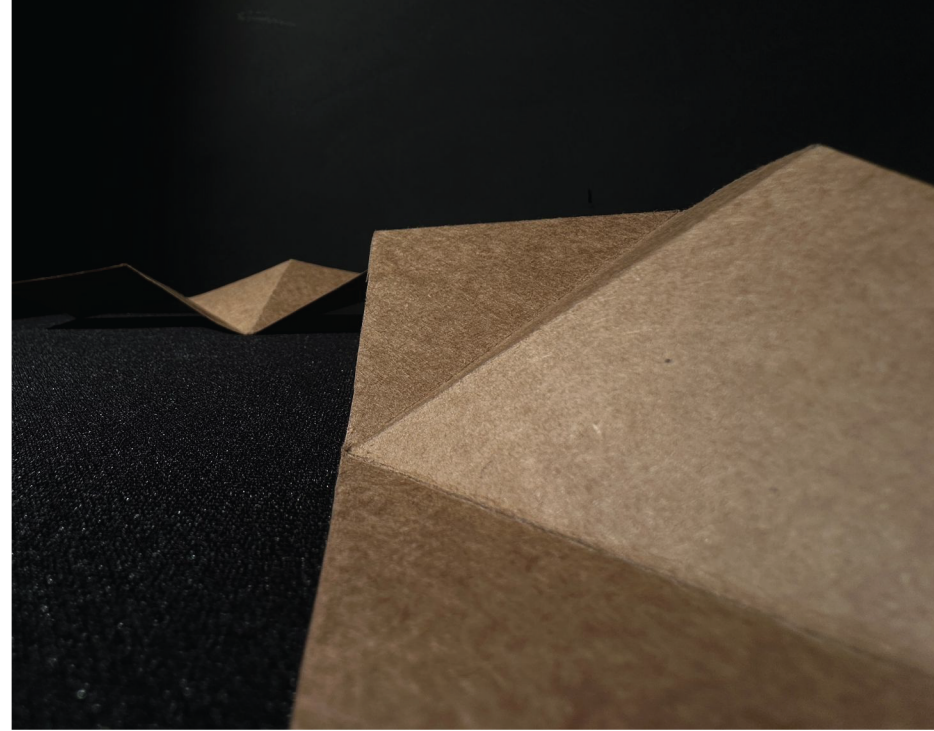
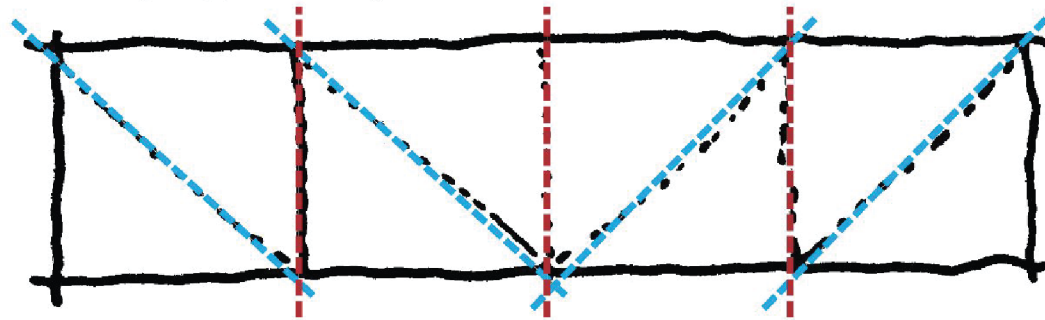


- FLOOR TO WALL

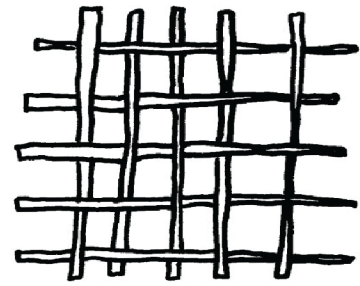
TOUCH POINTS



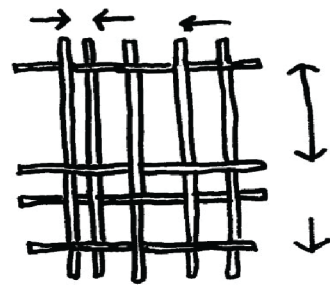
COMBINATION



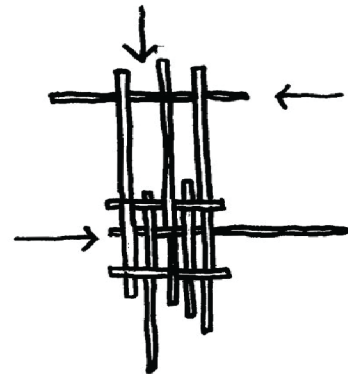
WEAVING



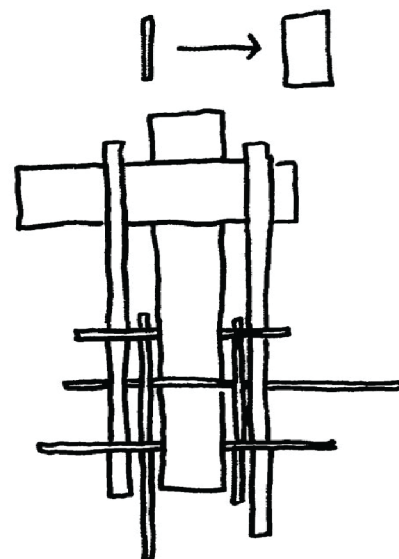
Original woven pattern



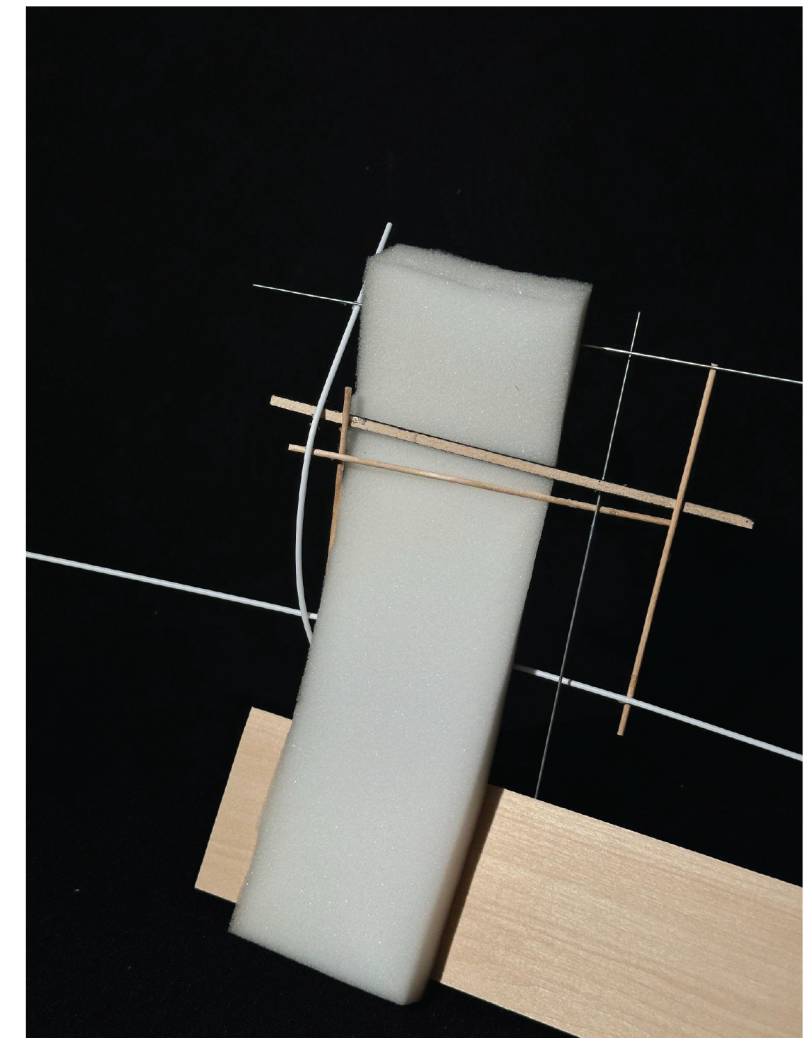
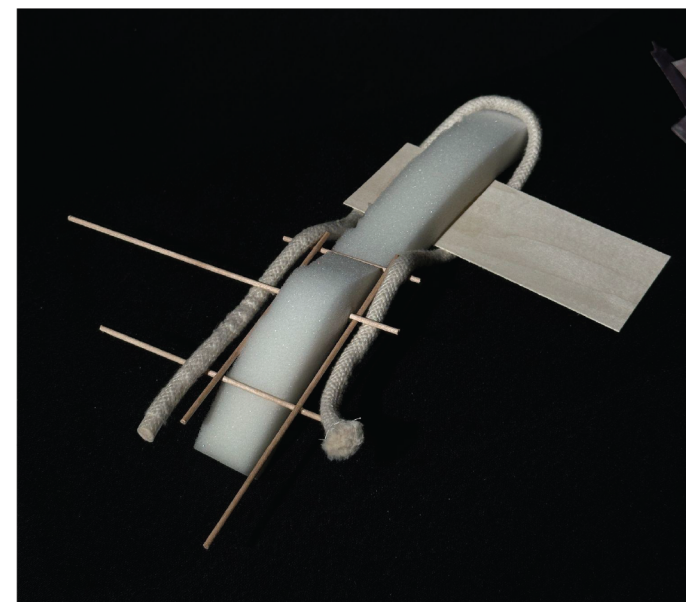
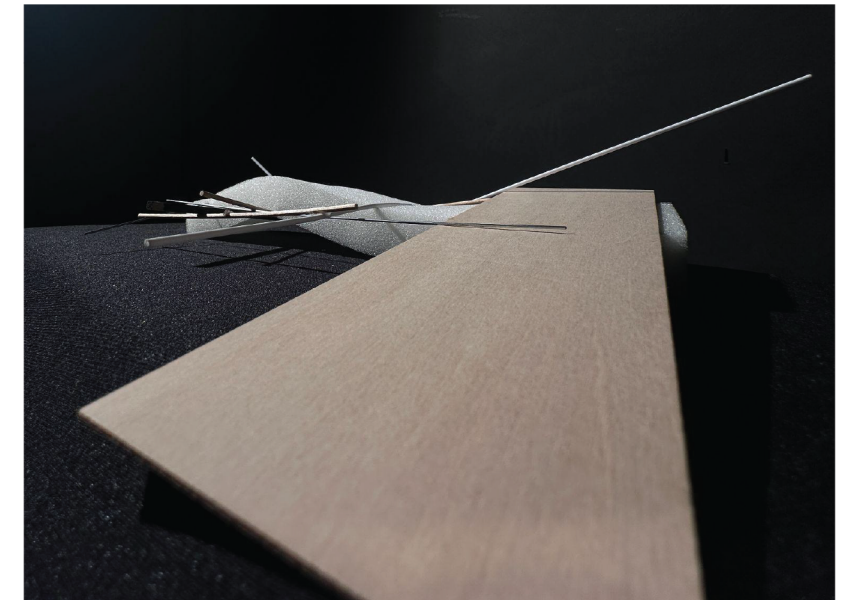
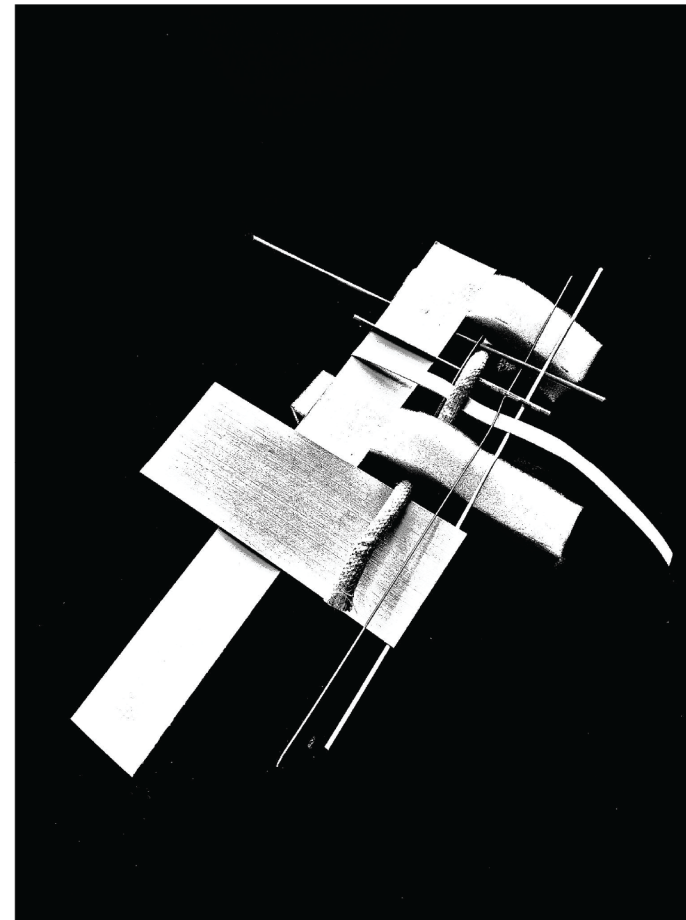
SHIFT:
shifting grid in both X and Y axis to create **density and sparsity**.



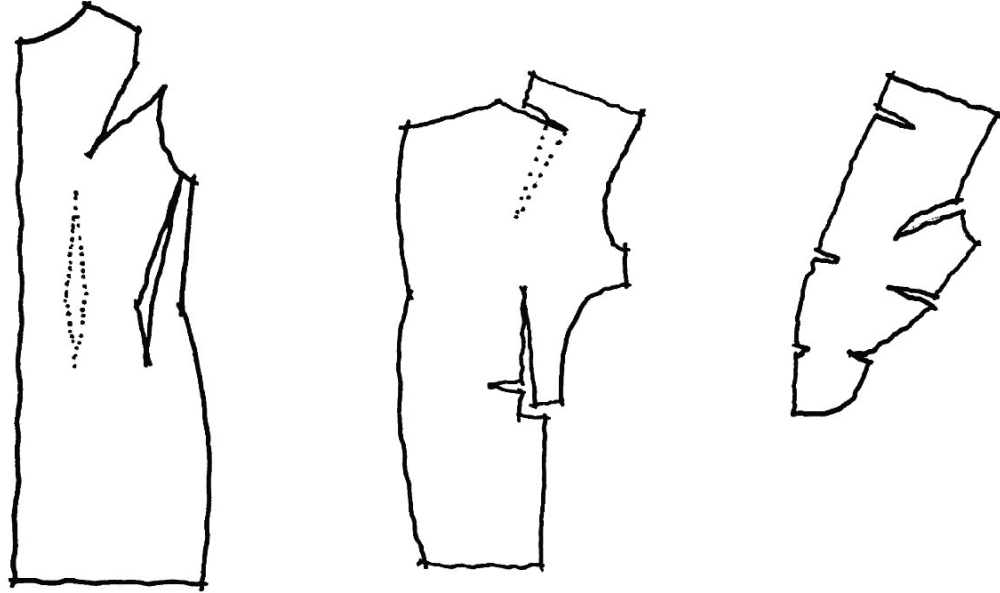
PUSH AND PULL:
push and pull elements of grid together or apart from each other.



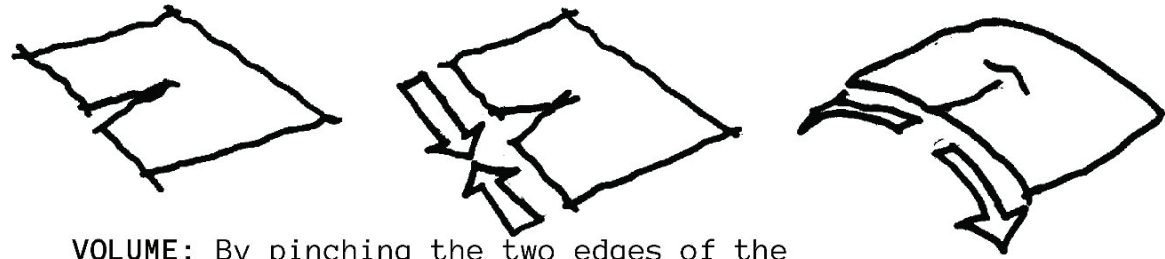
VOLUME:
Volume can be added to the elements of the grid to allow different program and create **hierarchy of space**.



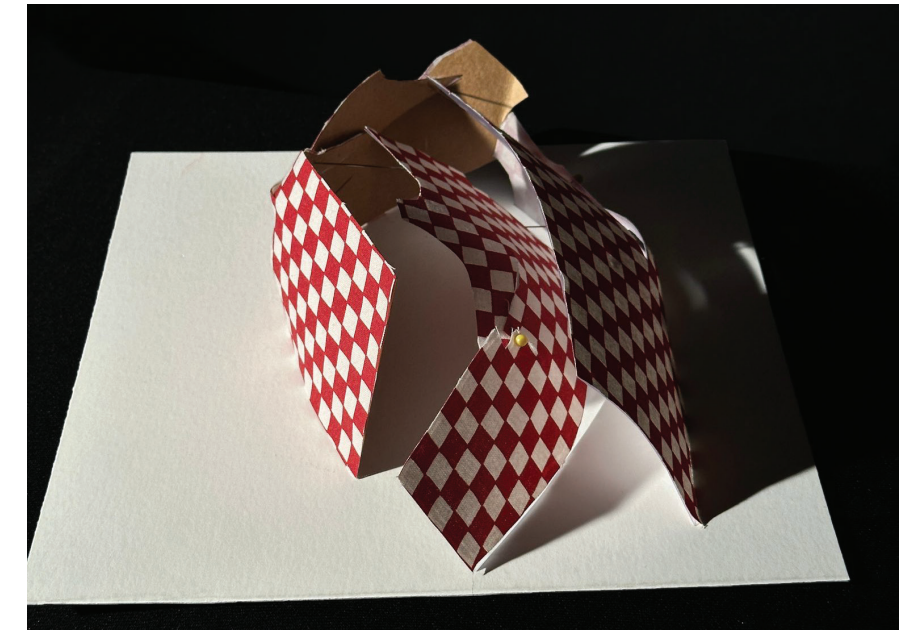
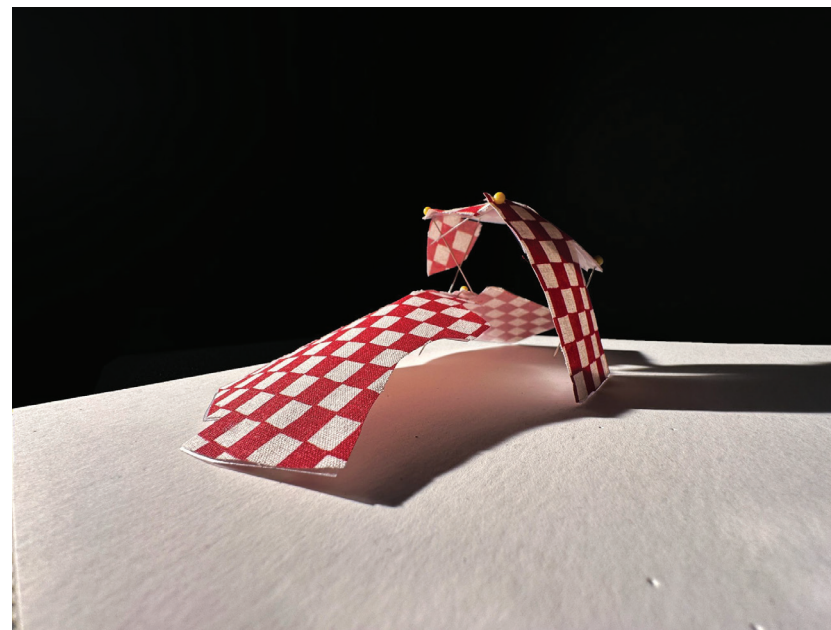
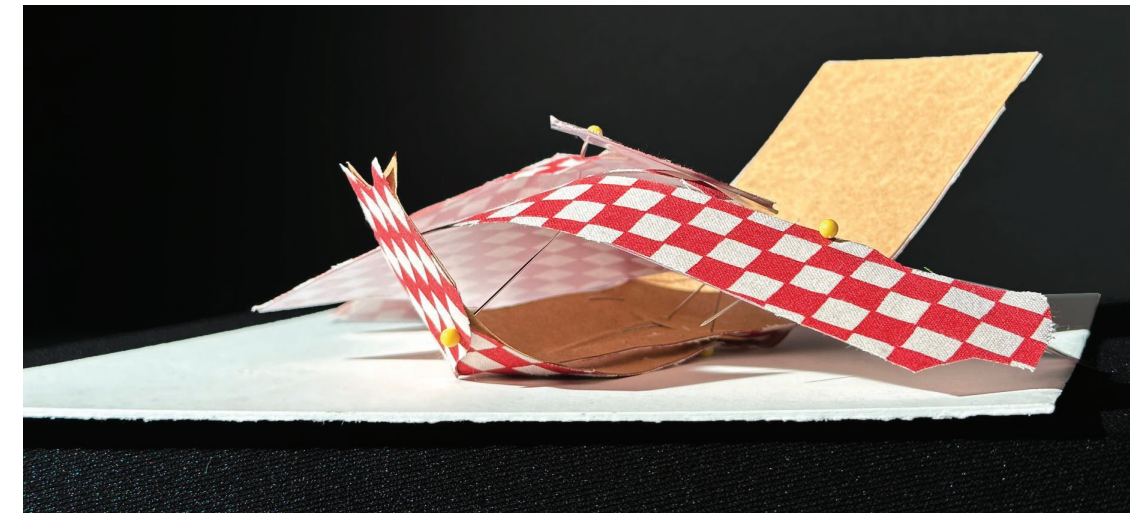
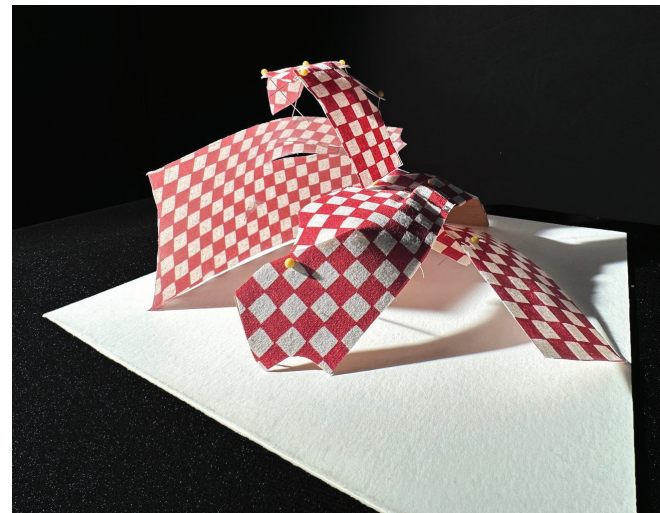
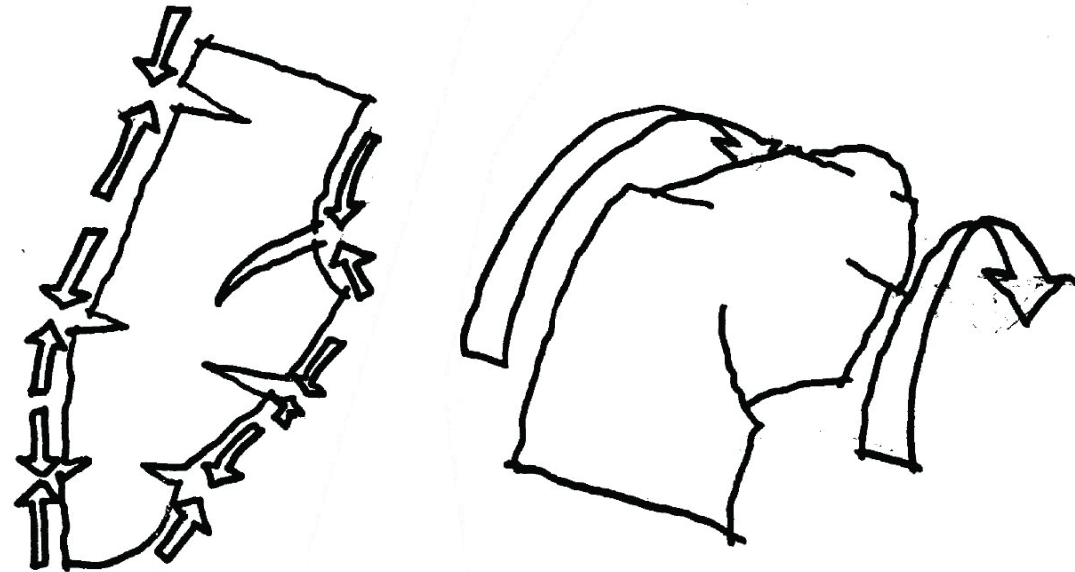
CUTTING



SEWING PATTERN: Using sewing patterns as a foundation for form finding.



VOLUME: By pinching the two edges of the cut onto one point, a more rigid material will hold its own weight and create volume.

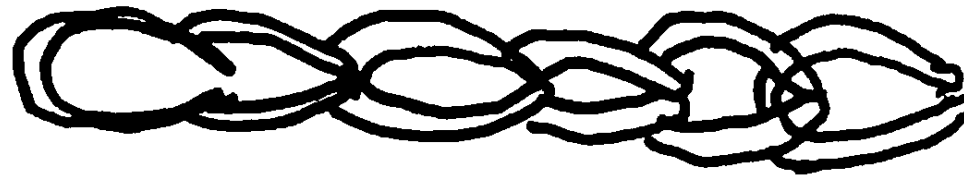


STITCHING

STITCHING DONE THROUGH ~~THE~~ STAIRS / BRIDGE / WALKWAYS / CONNECTIONS OF SPACES IN REpetition - PROVIDE STRUCTURE / CONNECTION REINFORCEMENT

COLUMNS

The repetition of stitching provides structure and connection along two separate pieces. Architectural elements like stairs and column systems parallel to the idea of stitching as they provide both visual and physical connection through one plane to another.



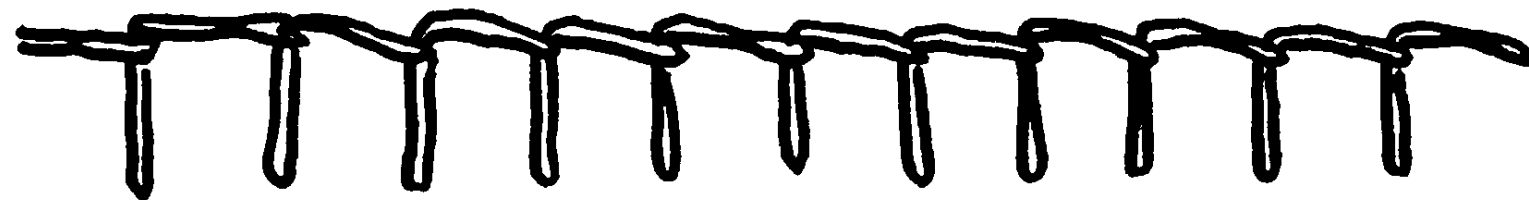
CHAIN STITCH



WHIP STITCH



~~SEWING~~ STITCH
RUNNING



BLANKET STITCH



Application of design principles within the context of a site.

APPLICATION



The site is a historic intersection of streets. Years later, a second layer was added above the original street thus creating what is now known as Underground Atlanta. This elevation of two streets provides an opportunity to manipulate the fabric of the site to introduce a new perspective on the relationship of the layers of the site.

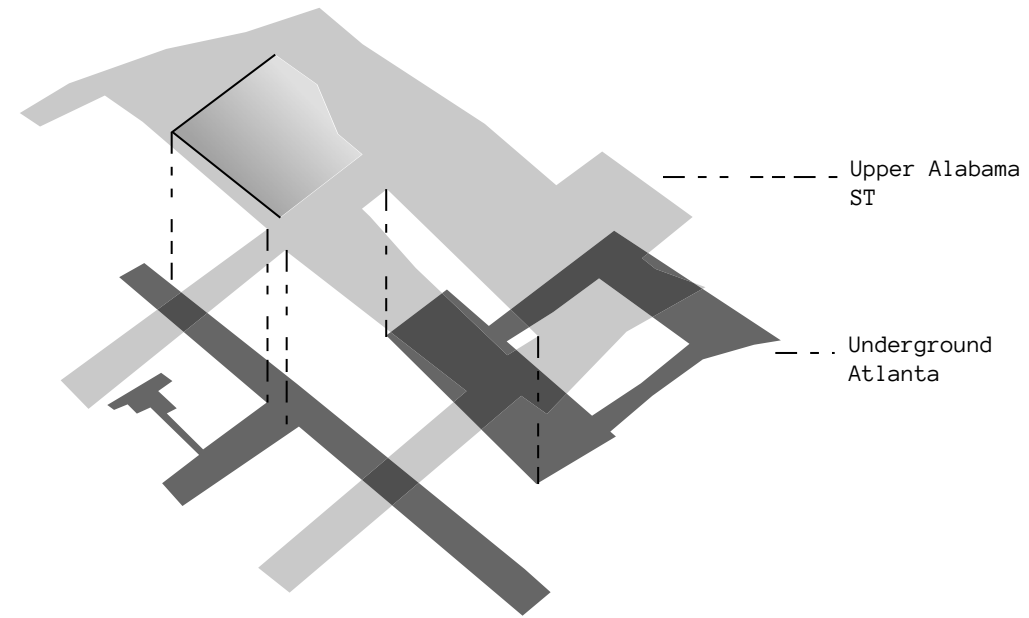
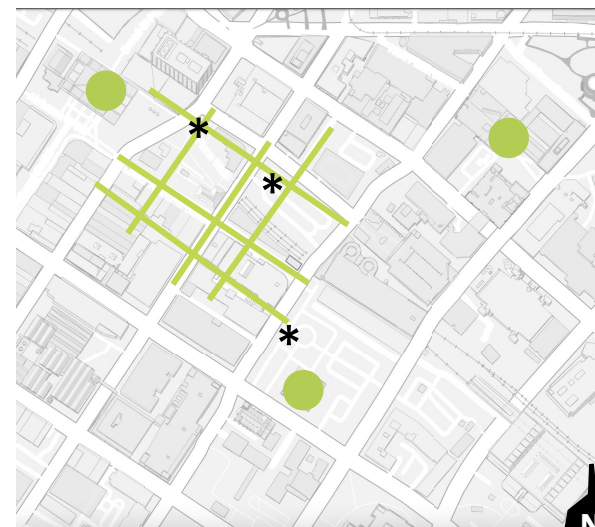


Figure 22. Google Earth. Google earth. April 23, 2023. Accessed April 16, 2024. <https://earth.google.com/web/search/underground+atlanta/@33.7525477,-84.3901514,316.62819059a,860.70581575d,35y,126.65300788h,45t,0r/data=Ch4aVBJOCiUweDg4ZjUwMzg0MTU2YT1NjU6MHg3YWQ5OD1jMGV-jNzg0ZTYyGQsXqHtT4EBAIUxkz34GFXAKhN1bmRlcmdyb3VuZCBhdGxhbnRhGAIGASImCiQJsu-eUuUQUARSRpYd6kPQUAZsSG-vc40VcAhmGR9v101VcA6AwoBMA>.

SITE BOUNDARIES



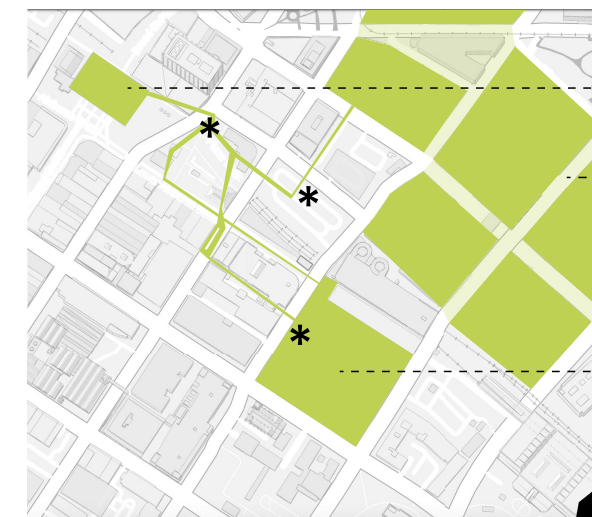
WOVEN GRID



GESTURES



CIRCULATION MODEL

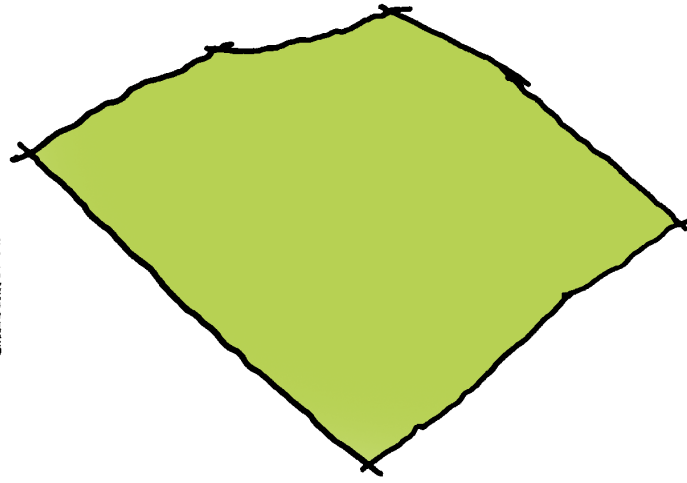


MARTA (FIVE POINTS)
 GSU CAMPUS
 STEVE POLK PLAZA

- POINTS OF INTEREST
- CONNECTION RIBBONS
- CONNECTION POINTS
- FOLLIES

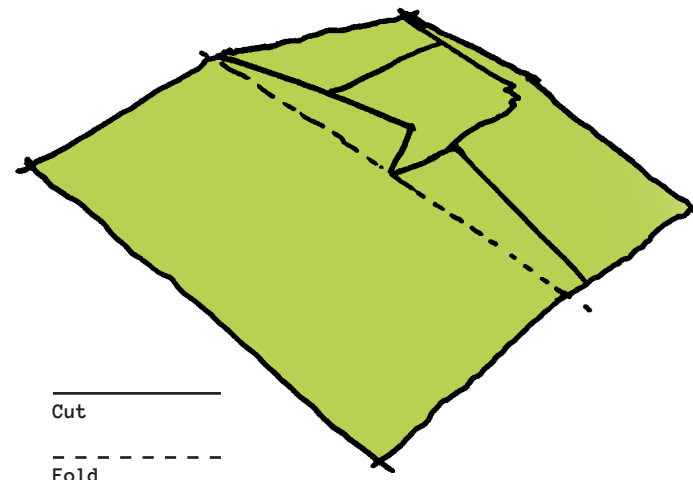
PROCESS OF SITE

PATTERN



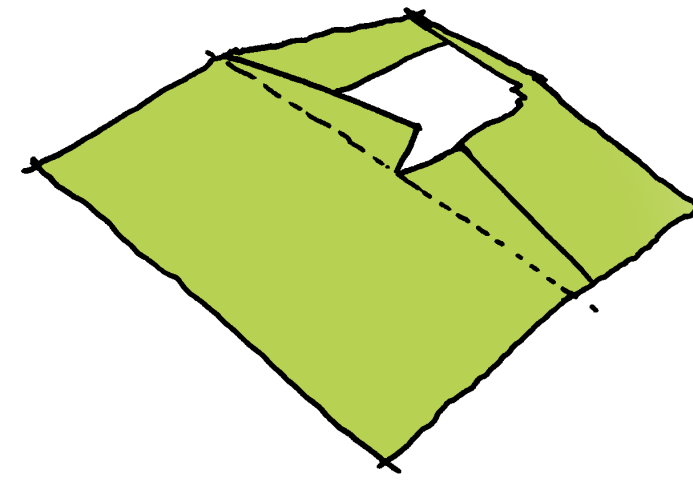
The site, as **one solid piece** resembles a roll of fabric for a sewing pattern to be applied.

CUTTING

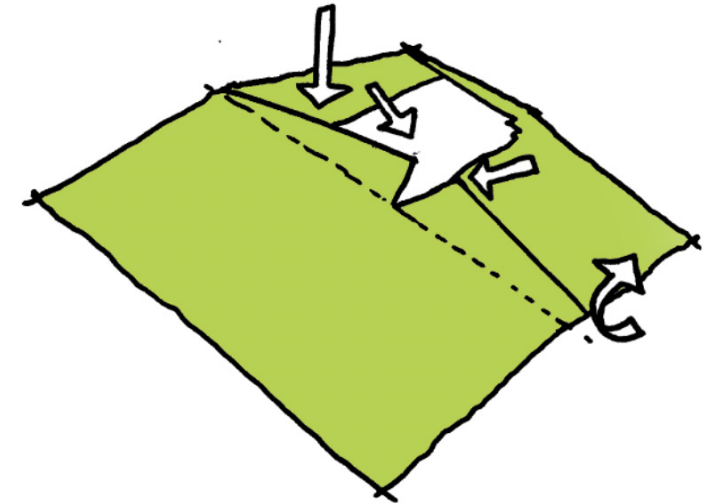


Through the language of pattern cutting, **folds and cuts** can be instructed.

FOLDING

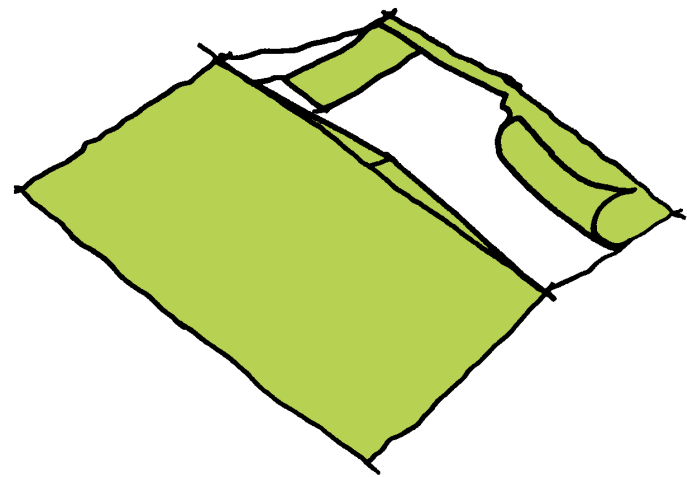


Remove pieces that have been cut to reveal layers underneath.



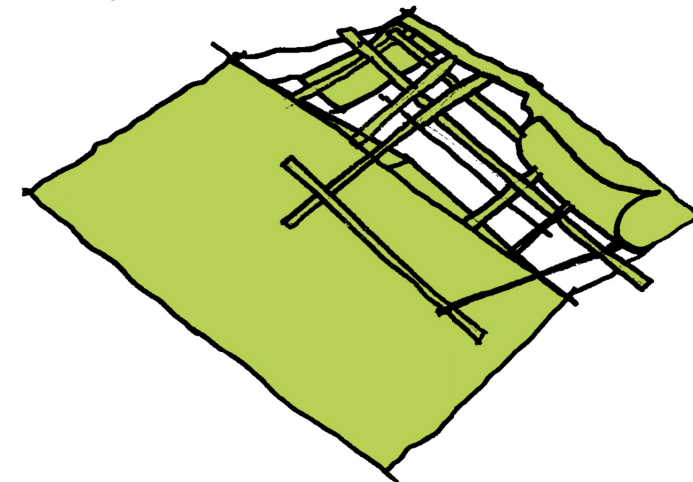
fold the 'fabric' along the instructed lines to create **3-dimensionality** and connection to established layers above and under.

STITCHING

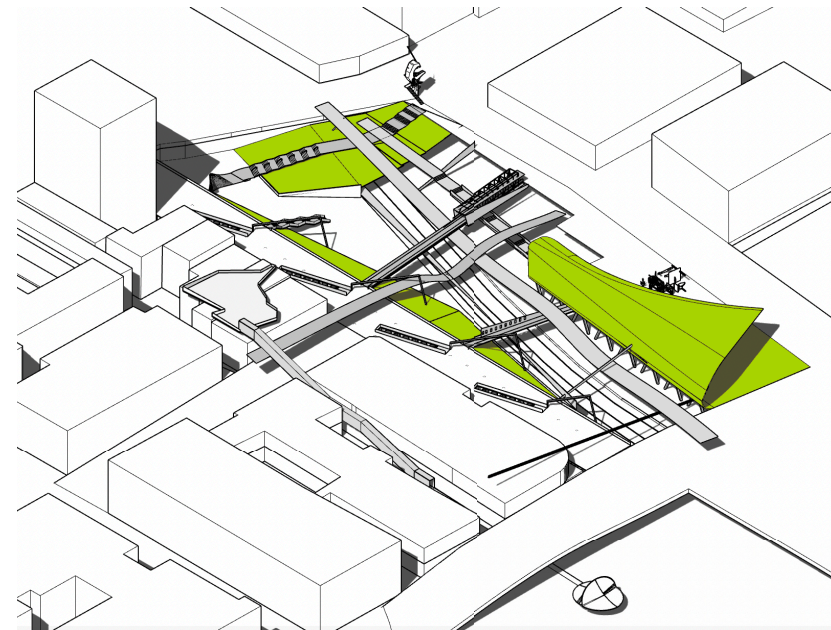
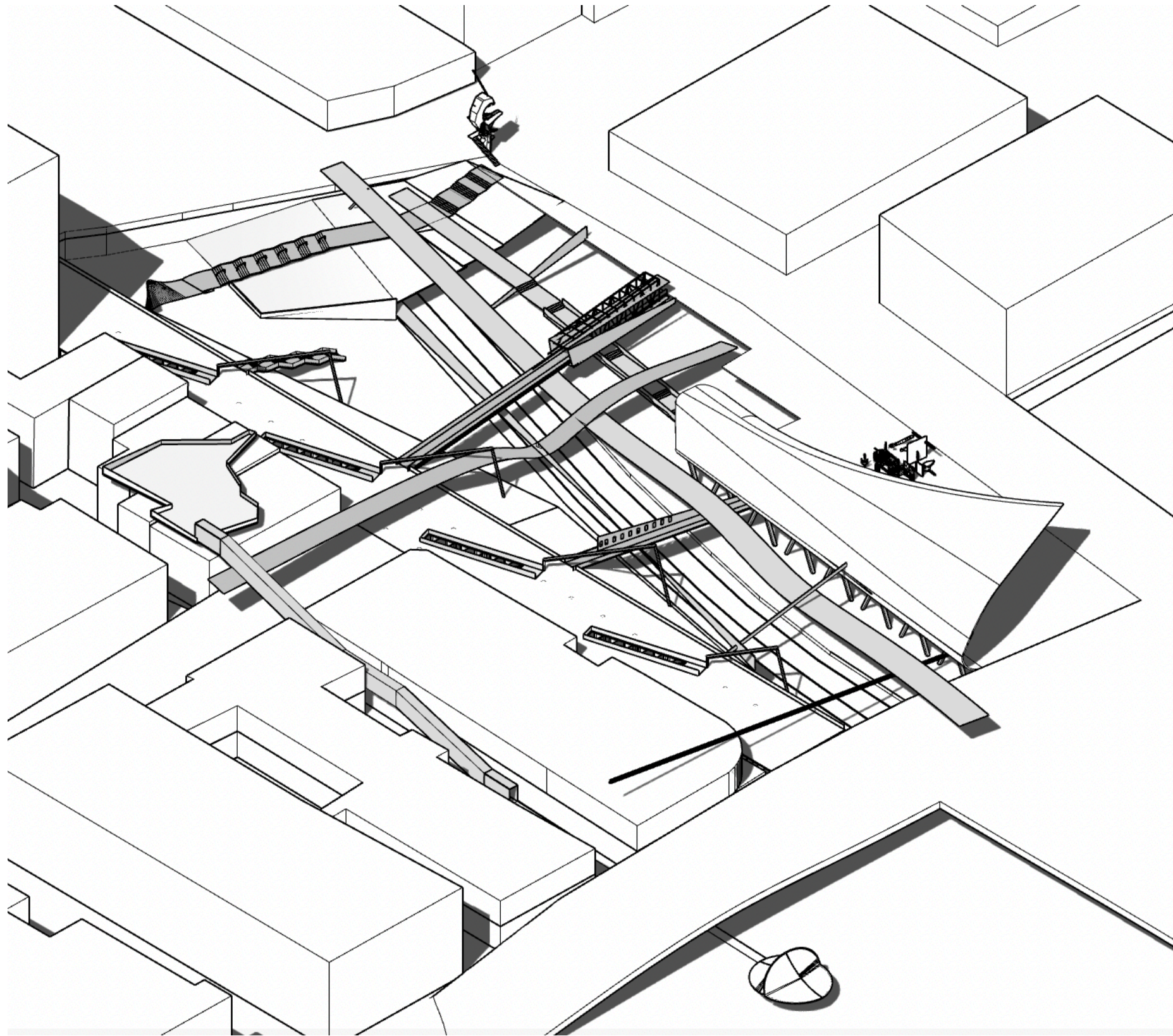


Stitching establishes **structure** across the layers. From one fabric to another. A **repetition** of stair or structural elements can be used to connect the lower street to the upper street.

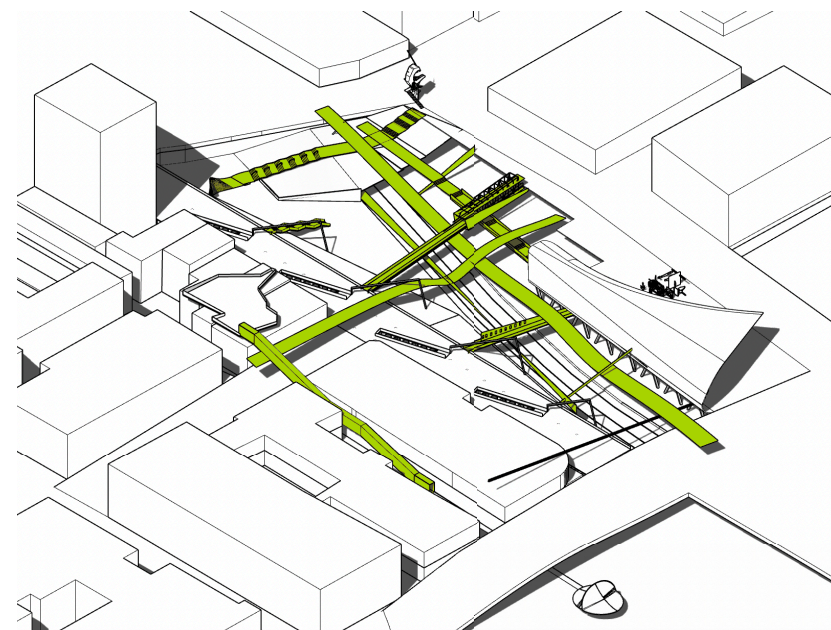
WEAVING



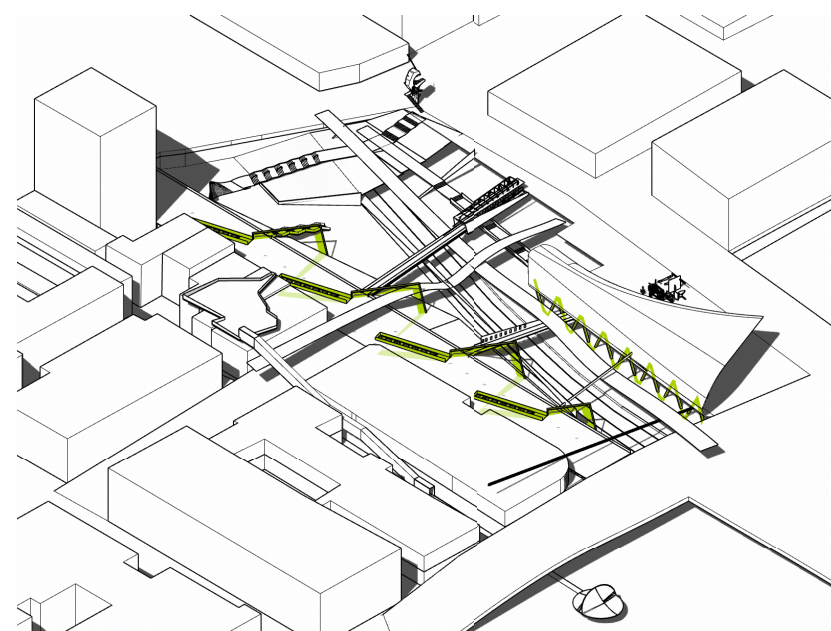
Implementing a woven pattern introduces selected **circulation** and **connectivity** across any cuts made.



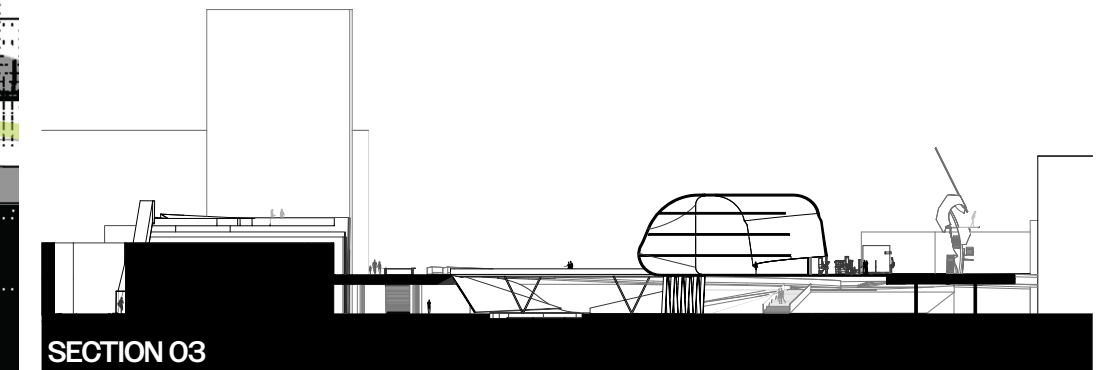
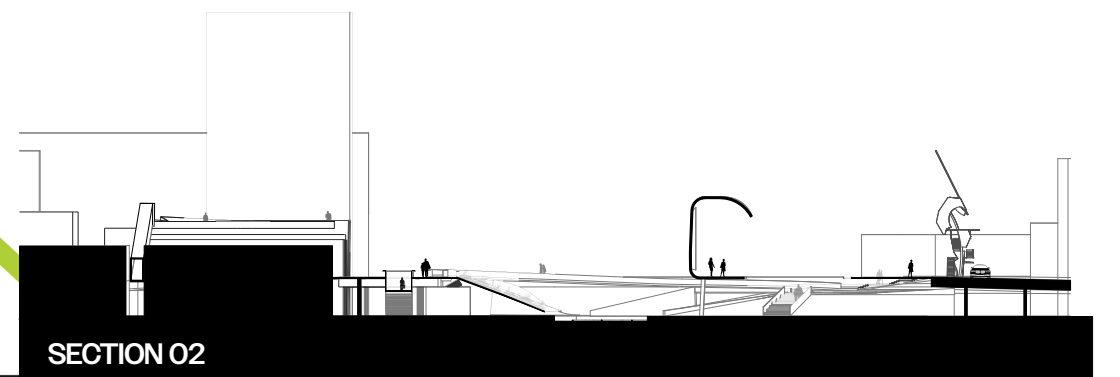
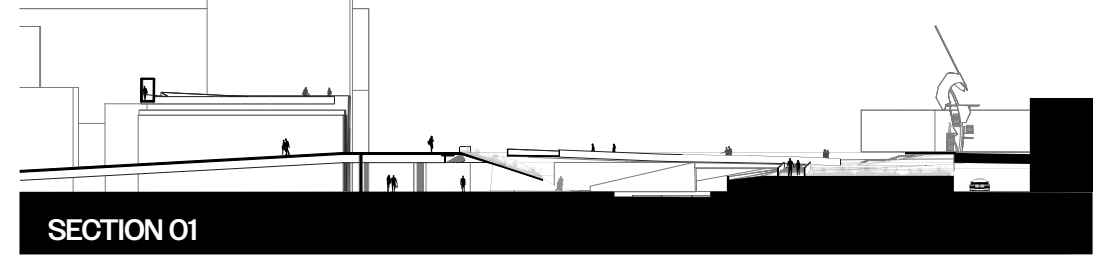
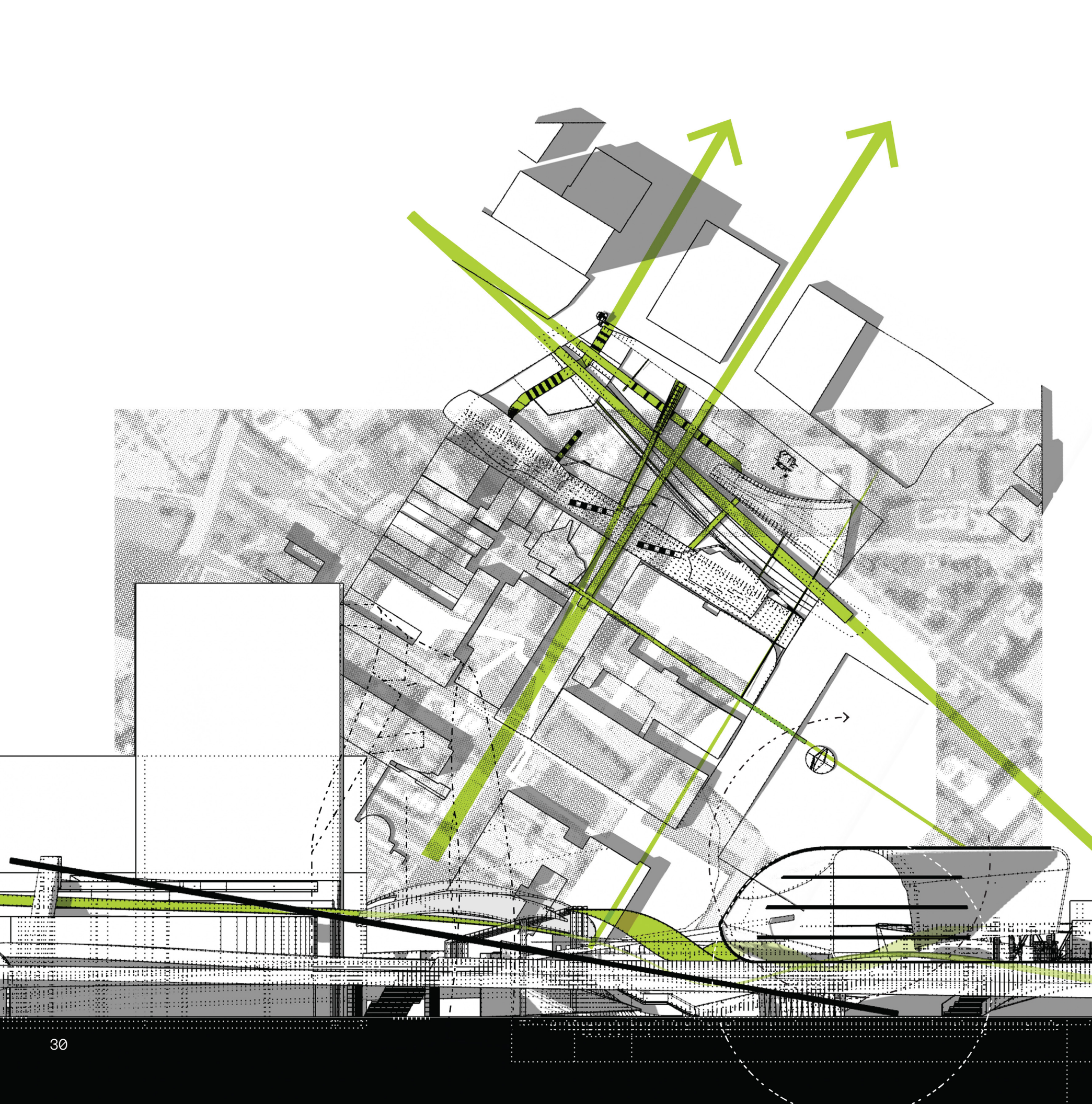
FOLDING



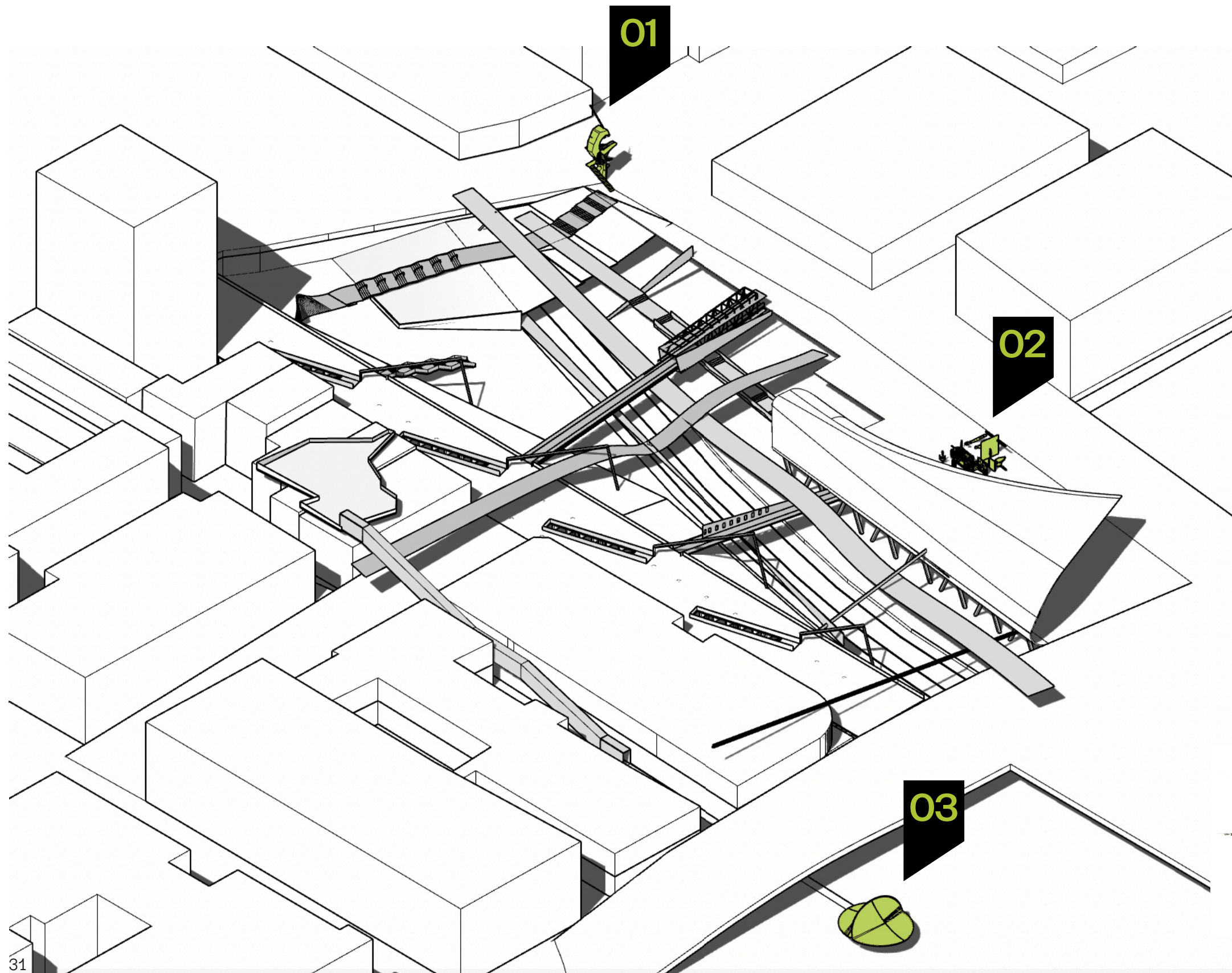
WEAVING



STITCHING

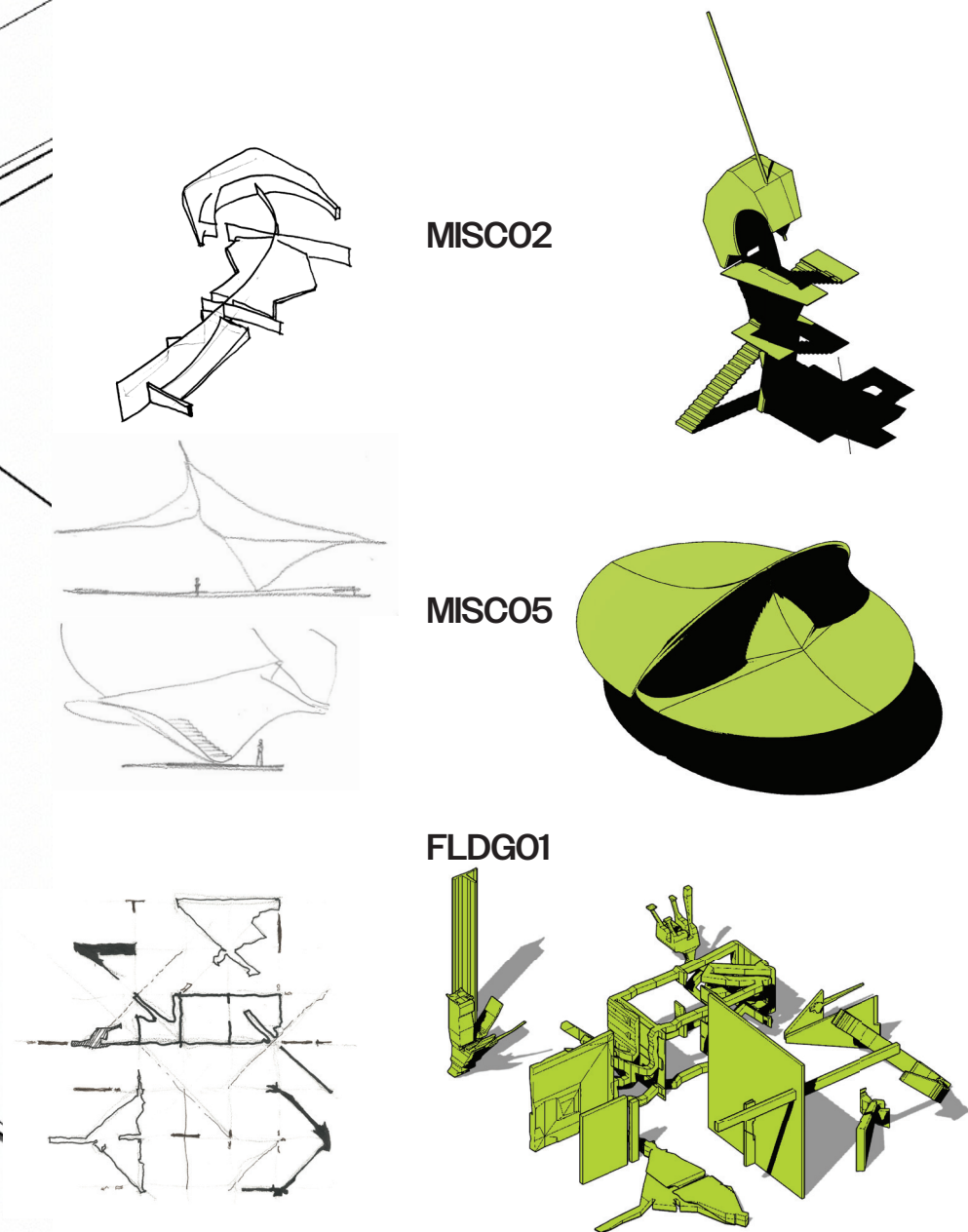


A folly, also known as an 'eye-catcher' is a building or structure used to enhance a landscape. enhancing a landscapes pictorial qualities, follis can also be used to give the user a sense of direction.

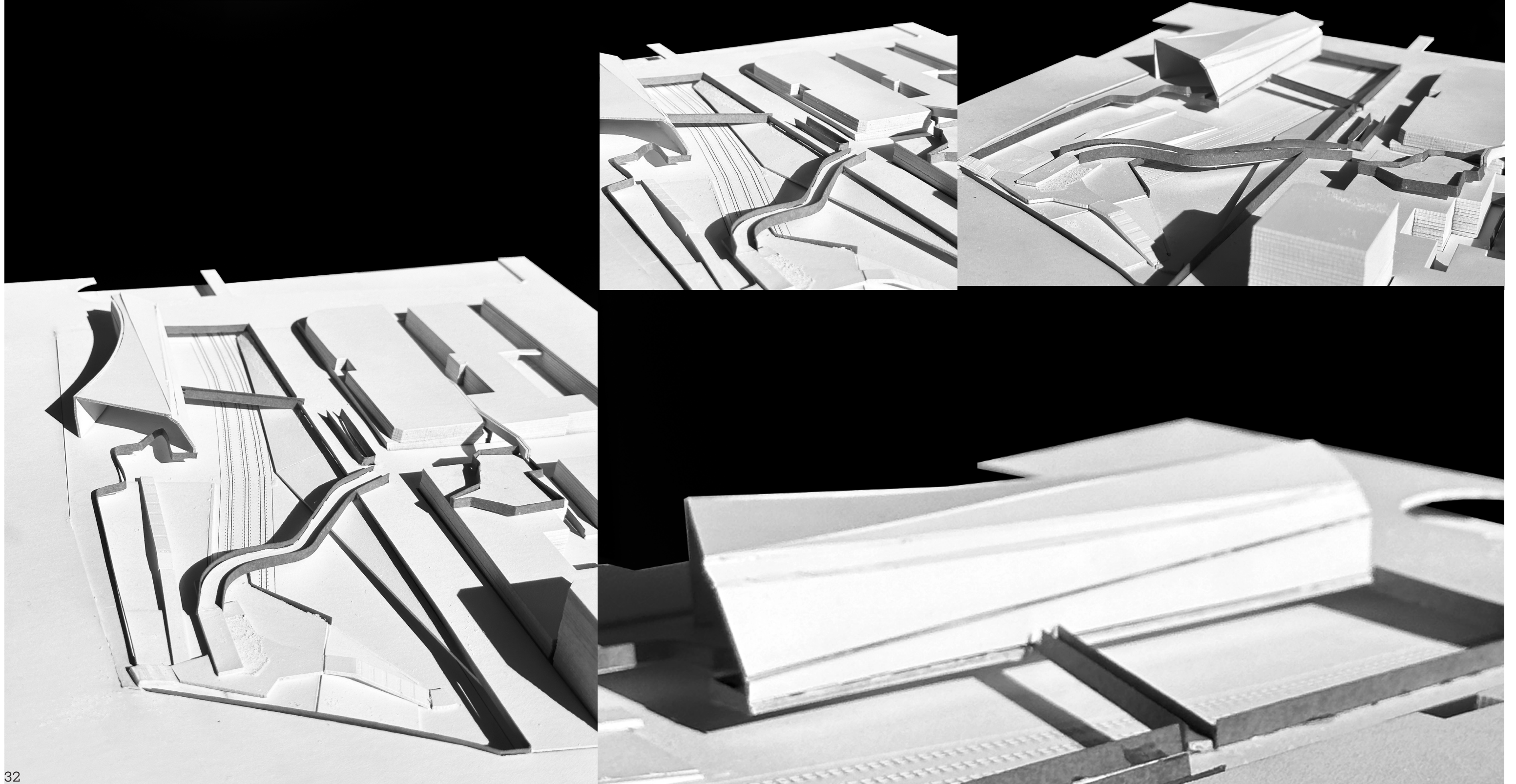


Similar to the glamorous vanity of fashion, the follis **dance along** the site like **models on a runway** displaying their beauty. A system of follis provide **interaction** and sense of direction to the site. One folly for each introduction to the site from GSU's campus, Steve Polk plaza, and the Five Points MARTA Station.

Each of these designs comes from earlier iterations of studies through the processes of fashion making.



Conceptual Model.
1/64"=1' scale.



WHAT

IS

FASHION?

Fashion is an expression of self through manipulation of textiles at the scale of our hands. It is to shape the materials into form/narrative as a decoration of second skin.

BIBLIOGRAPHY

- “21_21 Design Sight, Tokyo Midtown – Roppongi, Tokyo.” JapanTravel. Accessed November 2, 2023. <https://en.japantravel.com/tokyo/21-21-design-sight/1848>.
- “21_21 Design Sight.” JPN. Accessed November 2, 2023. <https://www.2121designsight.jp/en/designsight/architecture.html>.
- “21_21 Design Sight.” JPN. Accessed November 2, 2023. <https://www.2121designsight.jp/en/gallery3/leasing/architecture.html>.
- Abisambra, Camila. “A Love Letter to Cristobal Balenciaga’s 1967 Wedding Dress.” 1 Granary, June 16, 2019. <https://1granary.com/opinion/love-letter-cristobal-balenciagas-1967-wedding-dress/>.
- American, Frank Lloyd Wright. “Frank Lloyd Wright: Concrete Block from the Charles Ennis House: American.” The Metropolitan Museum of Art. Accessed October 3, 2023. <https://www.metmuseum.org/art/collection/search/2235>.
- Arnault, Bernard. “Promotion of the Arts.” Fondation Louis Vuitton. Accessed September 23, 2023. <https://www.fondationlouisvuitton.fr/en/fondation>.
- Brad Turner | 5 October 2010 26 comments. “132 5. by Issey Miyake.” Dezeen, June 15, 2020. <https://www.dezeen.com/2010/10/05/132-5-by-issey-miyake/>.
- Beward, Christopher. “Innovating Change .” Essay. In Oxford History of Art: Fashion, 72–77. Oxford, New York: Oxford University Press, 2003.
- Beward, Christopher. “The Rise of the Designer.” Essay. In Oxford History of Art: Fashion, 34–34. Oxford , New York: Oxford University Press, 2003.
- Coleman, NS. “Adolf Loos.” frame. Accessed December 9, 2023. <https://framearch.blog/tag/adolf-loos/>.
- designboom, ridhika naidoo I. “Shop Architects: Fashion Institute of Technology, New York.” designboom, April 20, 2010. <https://www.designboom.com/architecture/shop-architects-fashion-institute-of-technology-new-york/>.
- Emma One Sock Designer Fashion Fabrics, Emma One Sock Designer Fashion Fabrics, Jan ter Heide October 20, Mylène April 28, Emma One Sock Designer Fashion Fabrics Post author May 3, Shari April 28, Mary Ann Morton April 28, et al. “Inspiration No. 25: Inspired by Balenciaga.” emmaonesock.com, March 12, 2021. <https://emmaonesock.wordpress.com/2021/03/10/inspiration-no-25-inspired-by-balenciaga/>.
- “Ennis House.” SGH, September 20, 2021. <https://www.sgh.com/project/ennis-house/>.
- “Ernesto Thayaht’s Suit: When Workwear Became Style for the First Time.” Rifò – Circular Fashion made in Italy. Accessed September 16, 2023. <https://rifo-lab.com/en/blogs/blog-di-rifo/tuta-ernesto-thayaht>.
- Fabick, Rebecca. “Mame Fashion Dictionary: Vivienne Westwood Pirate Collection – Mam-e.” MAM, December 18, 2017. <https://fashion.mam-e.it/vivienne-westwood/mame-fashion-dictionary-vivienne-westwood-pirate-collection/>.
- Fashion Institute of Technology in NYC set to get a major facelift. Accessed October 27, 2023. <https://inhabitat.com/fashion-institute-of-technology-set-to-get-a-major-facelift/>.
- “First Safari Jacket.” Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/premiere-saharienne-pe>.
- Galambosova, Caroline. “Elsa Schiaparelli: Surrealism, Art and Revolutionary Fashion.” DailyArt Magazine, March 24, 2024. <https://www.dailyartmagazine.com/elsa-schiaparelli-art/>.

Google earth. Accessed April 16, 2024. <https://earth.google.com/web/search/underground+atlanta/@33.7525477,-84.3901514,316.62819059a,860.70581575d,35y,126.65300788h,45t,0r/data=Cn4aVBJOCiUweDg4ZjUwMzg0MTU2YTM1NjU6MHg3YWQ5ODljMGVjNzgzOTYyGQsXqHtT4EBAlUXfkz34GFxAKhN1bmRlcmdyb3VuZCBhdGxhbnRhGAIgASImCiQJsu-eUhUQUARSRpYd6kPQUAZsSG-vc40VcAhmGR9v101VcA6AwoBMA>.

“Homage to Pop Art.” Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/hommage-au-pop-art>.

“Homage to Sergei Diaghilev and His Collaboration with Picasso.” Musée Yves Saint Laurent Paris. Accessed October 12, 2023. <https://museeyslparis.com/en/biography/cette-collection-est-un-hommage-a-serge-de-diaghilev-et-a-sa-collaboration-avec-picasso>.

“How Was It Made? Constructing Balenciaga’s Minimalist Ensemble.” YouTube, July 7, 2017. <https://www.youtube.com/watch?v=JB5y67bE1H8>.

Kearney, Kate, and Kate Kearney. “Michael Graves.” Peter Meijer Architect, PC, July 5, 2016. <https://pmapdx.com/tag/michael-graves>.

Krause, Amanda. “Photos Show the Controversial Schiaparelli Runway Where Models Wore Realistic Animal Heads on Their Dresses.” Business Insider. Accessed October 9, 2023. <https://www.businessinsider.com/schiaparelli-paris-fashion-week-runway-photos-2023-1#naomi-campbell-on-the-other-hand-sported-a-jacket-covered-in-fur-like-material-with-a-replica-of-a-wolfs-head-placed-at-her-shoulder-4>.

Leitch, Luke. “Issey Miyake, the Groundbreaking Japanese Designer, Has Died at 84.” Vogue, August 9, 2022. https://www.vogue.com/article/issey-miyake-dies-at-84?utm_source=nl&utm_brand=vogue&utm_mailing=VOG_Runway_080922&utm_campaign=aud-dev&utm_

Madsen, Anders Christian. “Schiaparelli Spring 2022 Couture Collection.” Vogue, January 24, 2022. <https://www.vogue.com/fashion-shows/spring-2022-couture/schiaparelli>.

“Orientalism and Cristóbal Balenciaga.” Minnie Muse. Accessed May 4, 2024. <https://www.minniemuse.com/articles/musings/orientalism-and-cristobal-balenciaga>.

“Pin De Kikyou En 𠄎𠄎: Ropa, Vestuarios.” Pinterest, October 29, 2014. <https://www.pinterest.com/pin/383509724492868174/>.

Pleats please Issey Miyake (Printemps/été 1999). Accessed December 2, 2023. <https://www.invaluable.com/auction-lot/pleats-please-issey-miyake-printemps-ete-1999-312-c-4e442a6b00>.

Semper, Gottfried, Harry Francis Mallgrave, and Wolfgang Herrmann. *The four elements of architecture and other writings*. Cambridge: Cambridge University Press, 2010.

SHoP Architects, SHoP: *Out of Practice* Hardcover, The Monacelli Press: New York, 2012.

“Signalpain.” Ex. Accessed September 20, 2023. <https://www.ex-expo.ch/en/detail/signalpain>.

Style, Fashion &. “RT @eleanorquince: RT @SPARCFIT: Dress by Elsa Schiaparelli, Fall 1951, Sketch from the Bergdorf Goodman Custom Salon Sketches. #fashion #fashionhistory #elsaschiaparelli #schiaparelli #bergdorfgoodman #1951 #50sfashion #fitnyc #fitspecialcollections #FA... Pic.Twitter.Com/Hkuoxwjwuy.” Twitter, April 19, 2019. <https://twitter.com/Fashionundstyle/status/1119268761826099200>.

Vogue. “‘balenciaga: L’oeuvre Au Noir’ at the Musée Bourdelle in Paris Sketches.” Vogue, March 6, 2017. <https://www.vogue.com/slideshow/balenciaga-musee-bourdelle-exhibition-paris-sketches>.

Woodman, Ellis. “Carte Blanche: Fondation Louis Vuitton, Paris, France, by Gehry Partners.” *Architectural Review*, July 21, 2020. <https://www.architectural-review.com/today/carte-blanche-fondation-louis-vuitton-paris-france-by-gehry-partners>.

ENDNOTES

- 1 Breward, Christopher. "The Rise of the Designer." Essay. In *Oxford History of Art: Fashion*, 34-34. Oxford, New York: Oxford University Press, 2003.
- 2 Gottfried Semper: *The Four Elements of Architecture and Other Writings*, 102-6. Harry Francis Mallgrave (translator introduction) Cambridge, United Kingdom: Cambridge University Press, 1989.
- 3 Gottfried Semper: *The Four Elements of Architecture and Other Writings*, 538-539. Harry Francis Mallgrave (translator introduction) Cambridge, United Kingdom: Cambridge University Press, 1989.
- 4 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 80-81. Oxford, New York: Oxford University Press, 2003.
- 5 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 73. Oxford, New York: Oxford University Press, 2003.
- 6 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 72-77. Oxford, New York: Oxford University Press, 2003.
- 7 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 92-98. Oxford, New York: Oxford University Press, 2003.
- 8 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 85-91. Oxford, New York: Oxford University Press, 2003.
- 9 Breward, Christopher. "Innovating Change ." Essay. In *Oxford History of Art: Fashion*, 95. Oxford, New York: Oxford University Press, 2003.
- 10 Breward, Christopher. "Fashion Capitals ." Essay. In *Oxford History of Art: Fashion*, 187-194. Oxford, New York: Oxford University Press, 2003.

