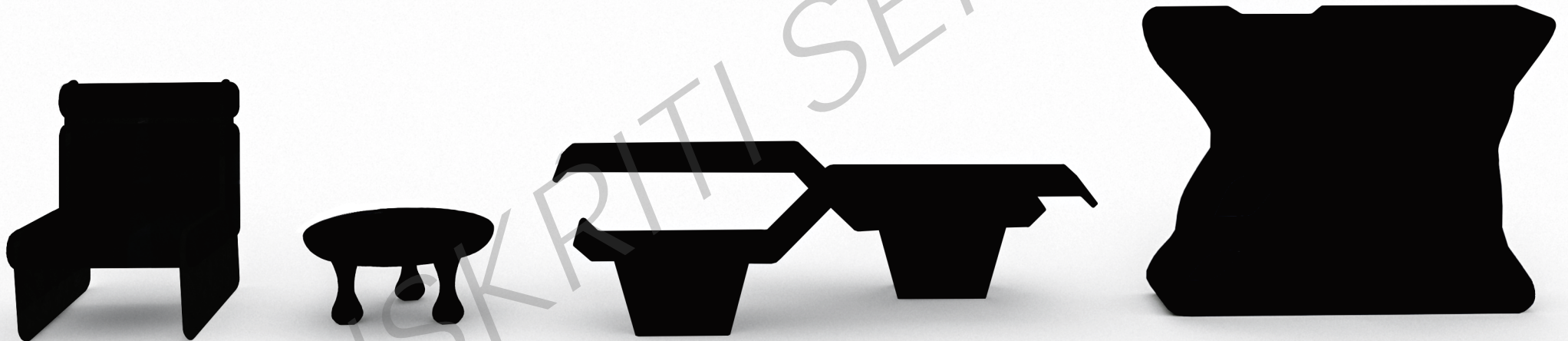
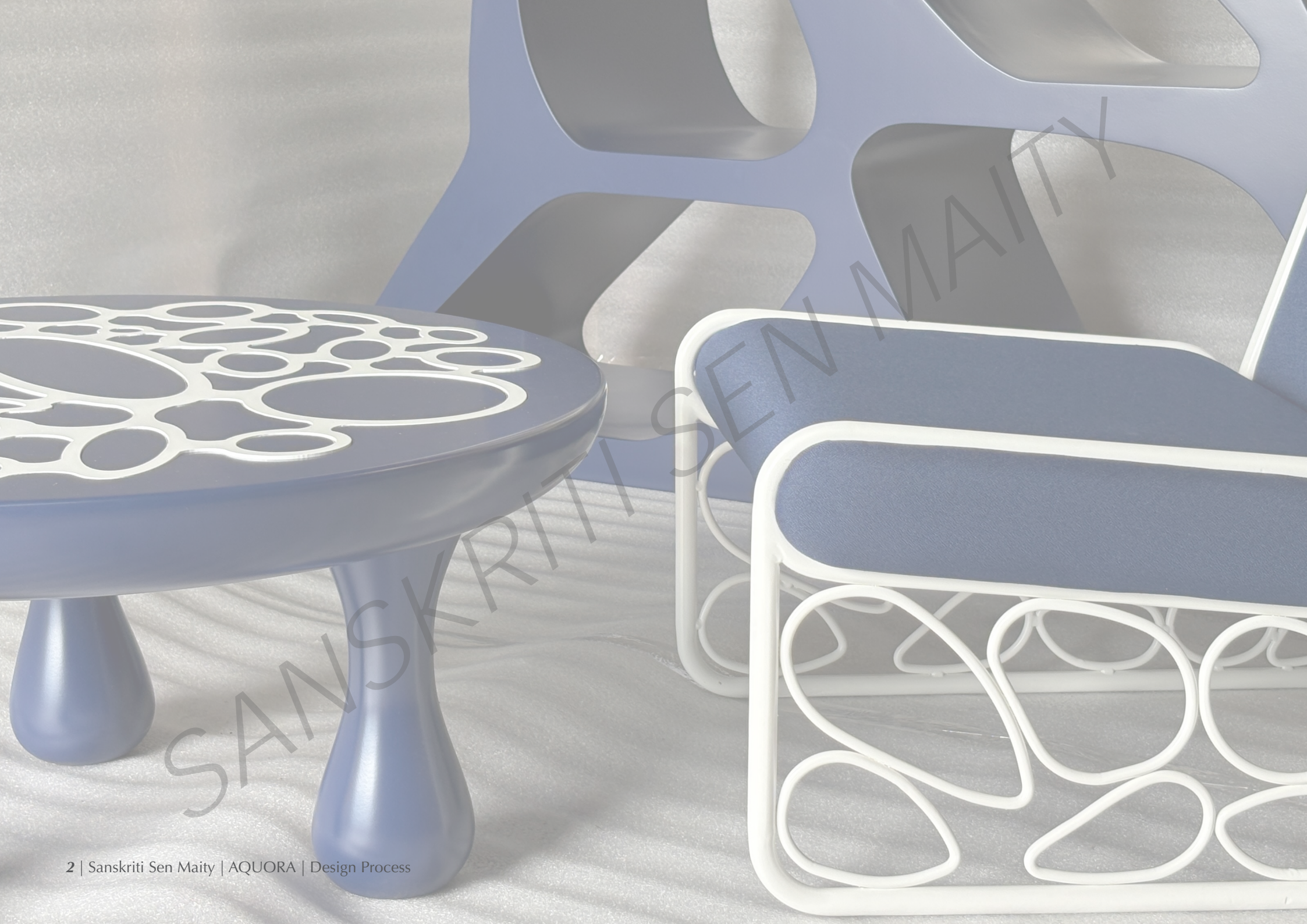


# Design Process



*AQUORA*





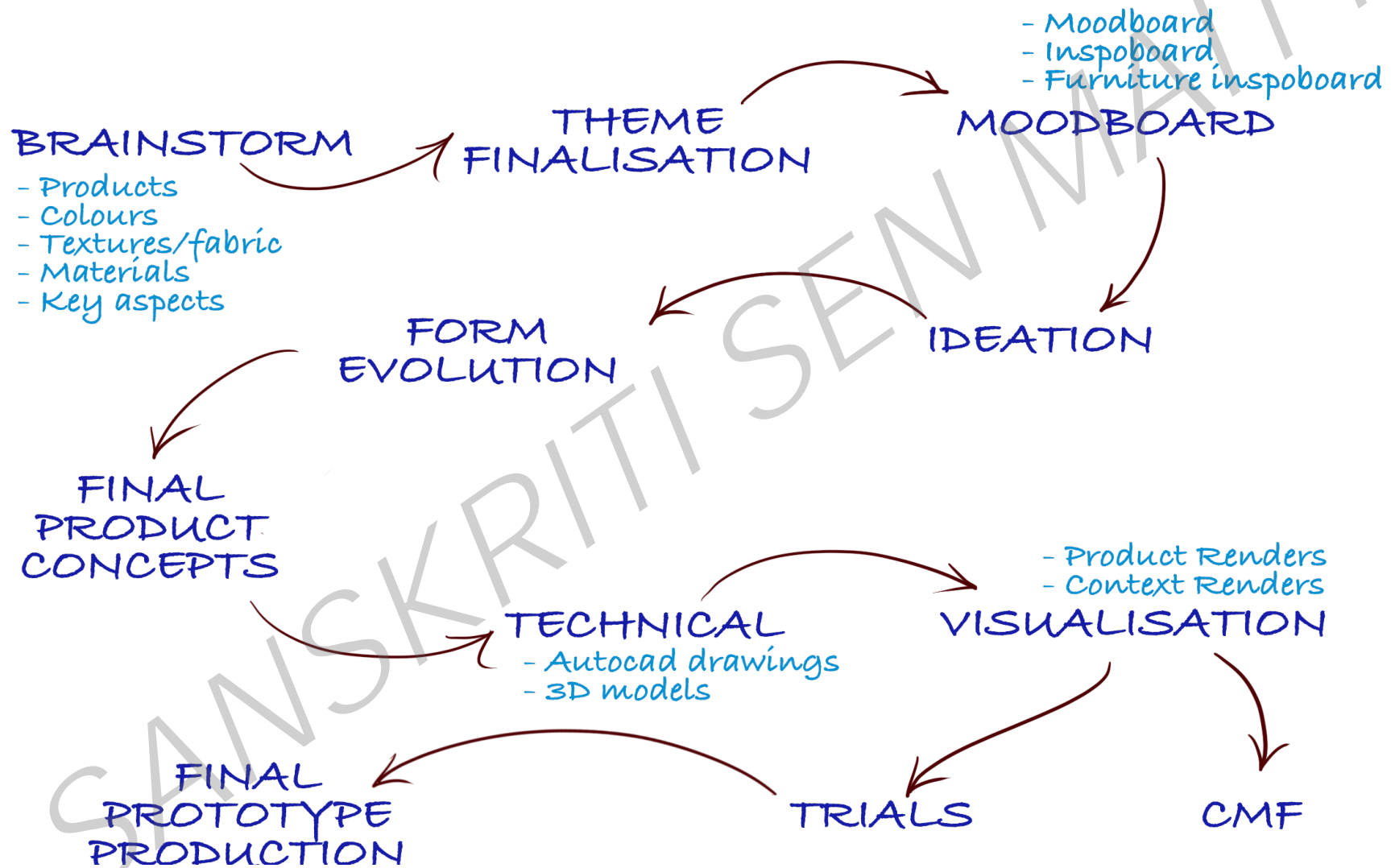


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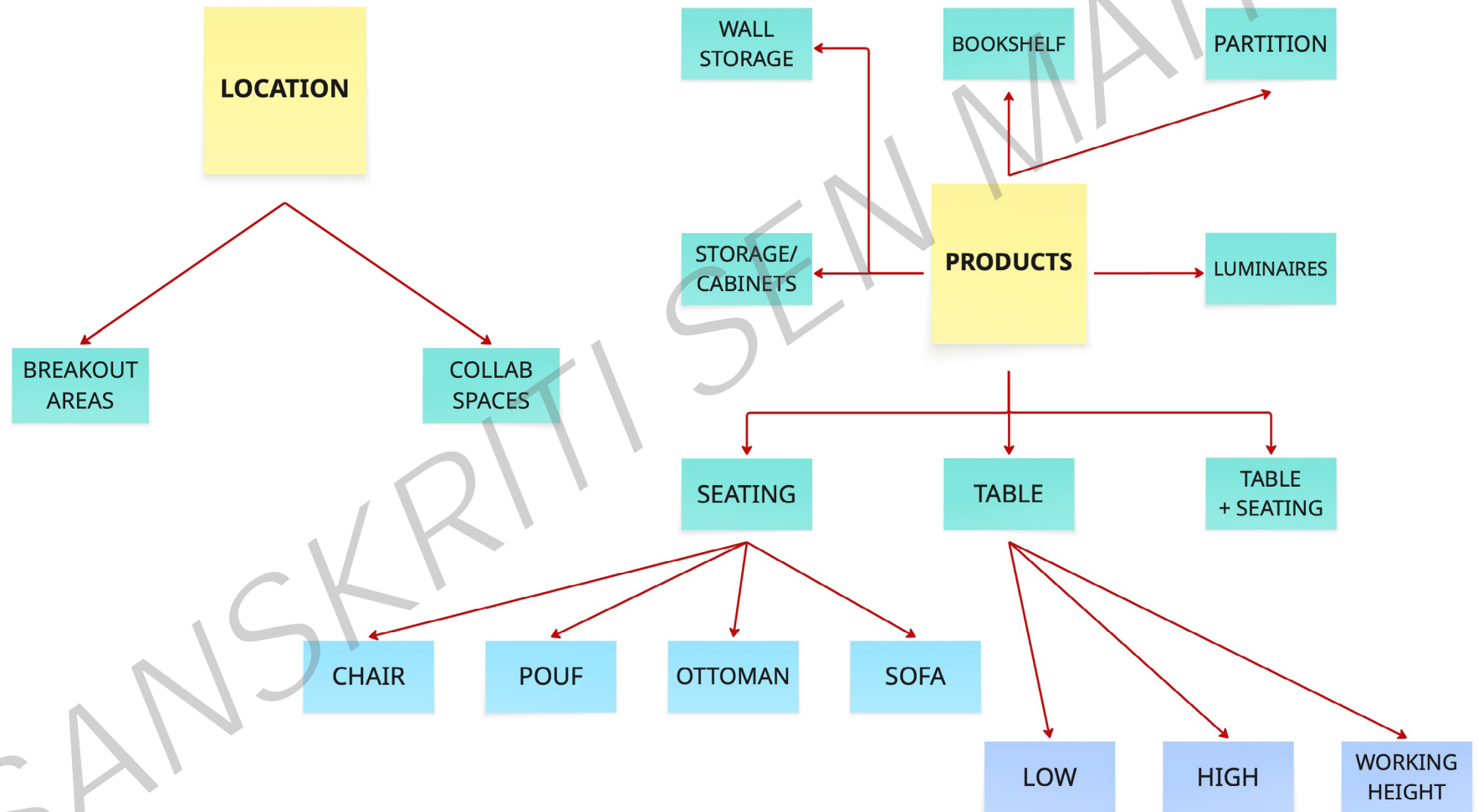


# Process

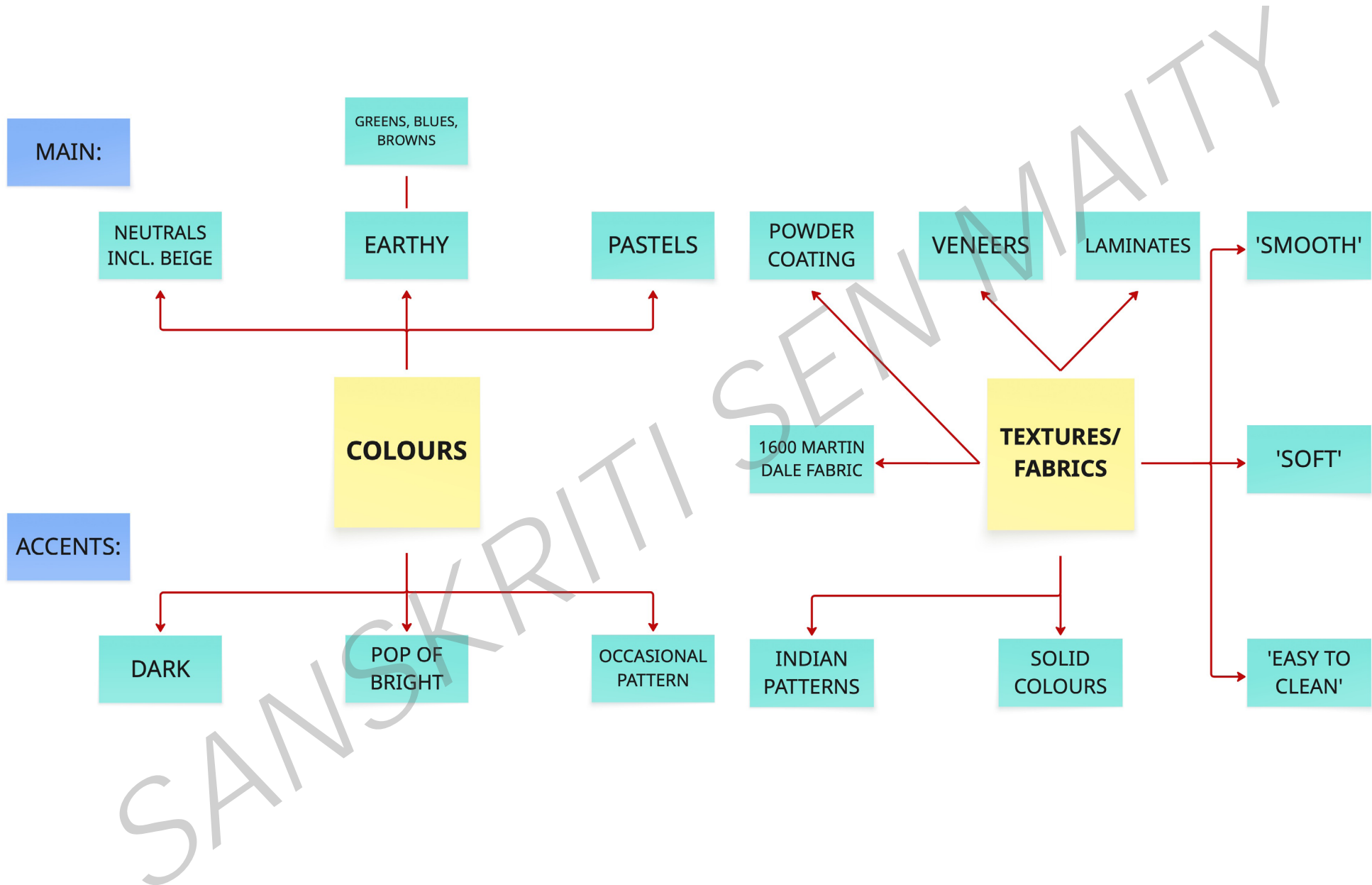




# Brainstorm



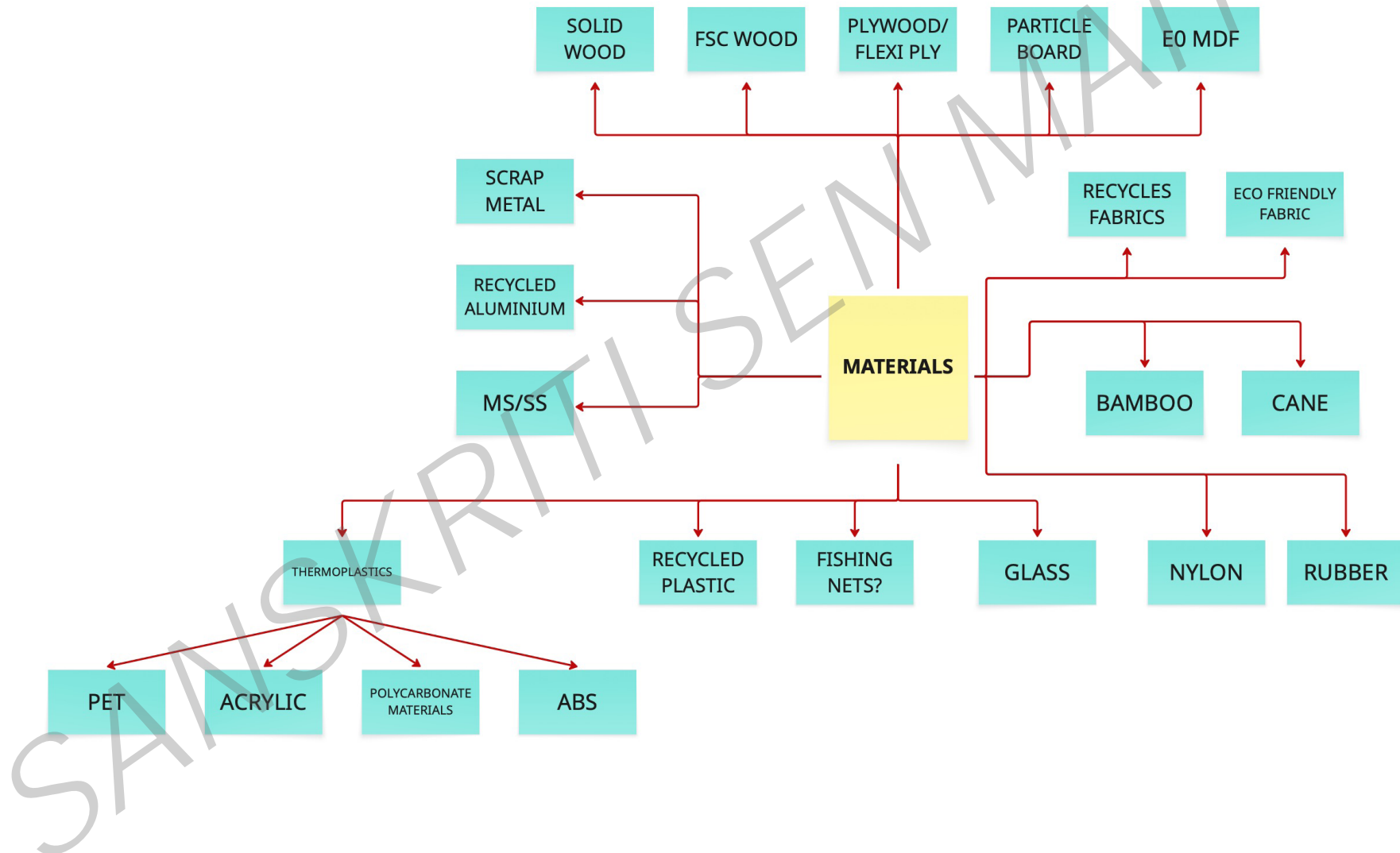


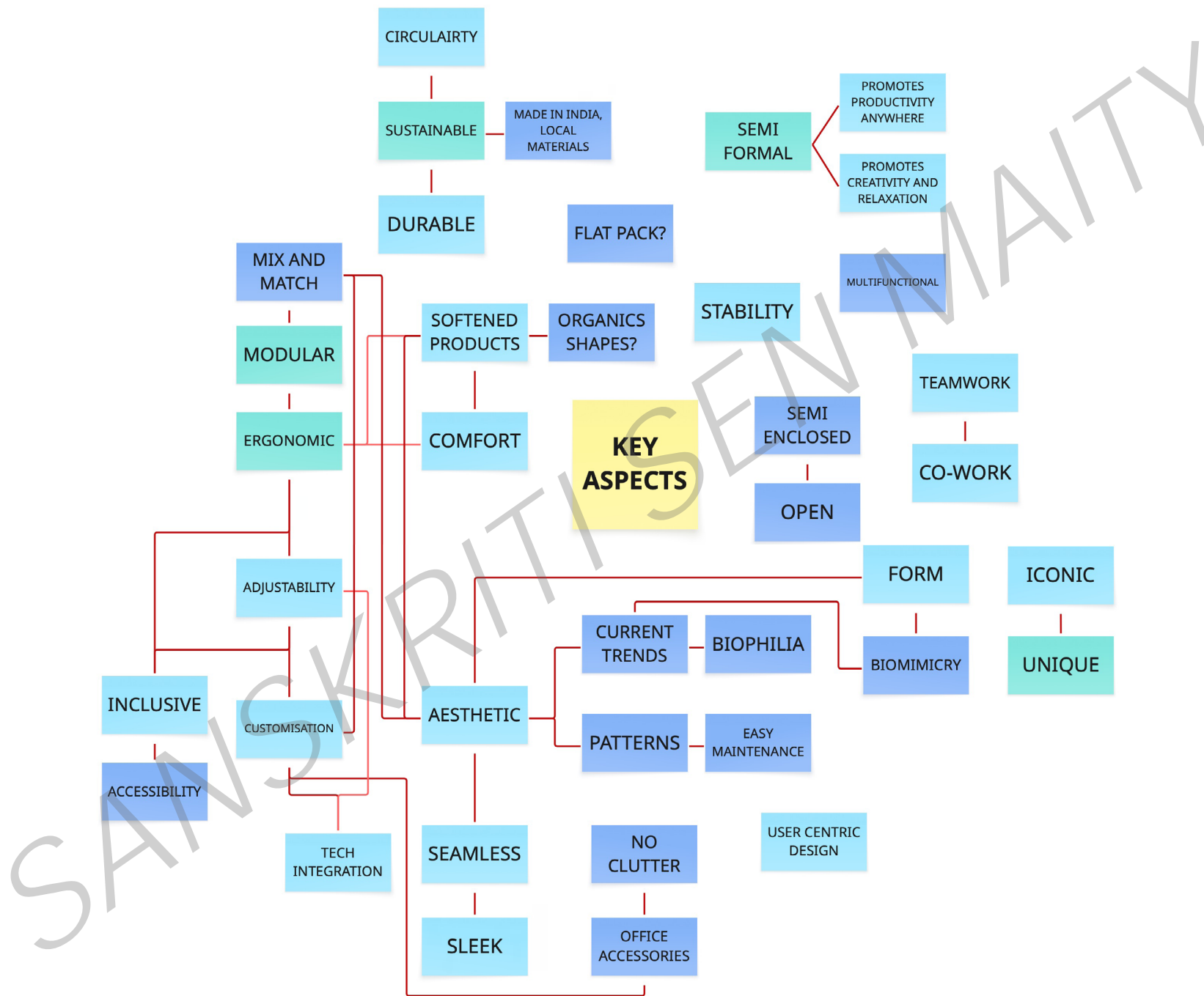




## MATERIAL THEME: SUSTAINABILITY

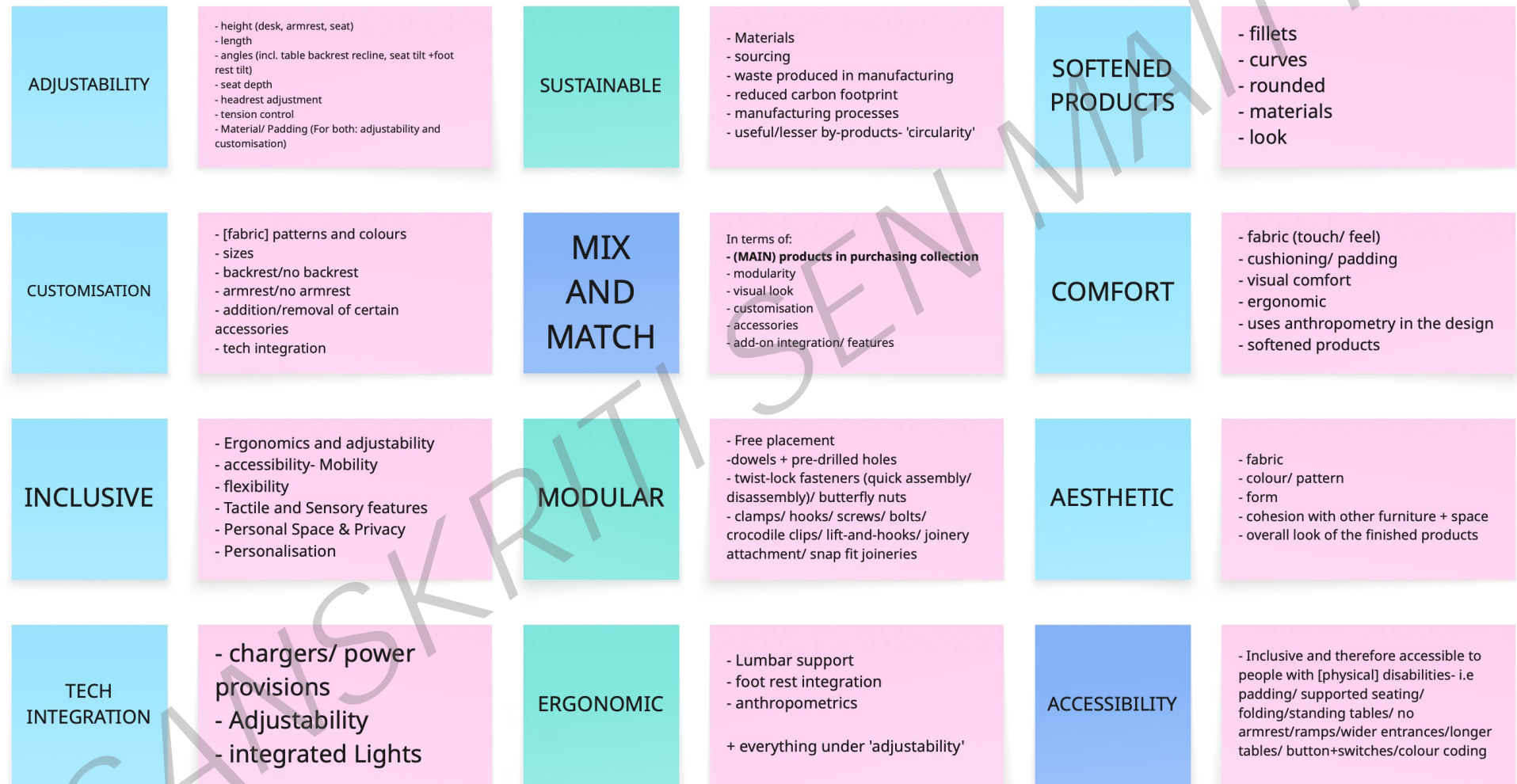
[Scraps and using waste/redundant material as much as possible along with other sustainable material choices]







Some elements were elaborated upon more extensively during the brainstorming stage.



# Theme Rationale

Water, in its essence, carries deep philosophical meaning that resonates with people and with the spaces they inhabit. In the context of office breakout rooms and collaborative areas, it becomes a metaphor for connection, adaptability, and balance.

- ◆ **Unity & Connection:** All water eventually merges with other water. In the same way, people come together in these spaces to share ideas, collaborate, and support one another. The design nurtures this flow, encouraging interaction and teamwork.
- ◆ **Fluidity & Adaptability:** Water takes the shape of any form it enters, reminding us of the value of flexibility. These spaces, like water, adapt to people's needs, whether for collaboration, relaxation, or focused work, while also empowering individuals to remain authentic and comfortable.
- ◆ **Strength in Softness:** Though soft to the touch, water shapes landscapes with lasting impact. People, too, aspire to be gentle yet resilient, calm yet powerful. These spaces embody and encourage that duality, giving strength through comfort.
- ◆ **Calmness & Focus:** The calming presence of water mirrors the role of breakout spaces as places to reset. Whether stepping away to destress or finding focus in quiet, the environment provides balance, just as water balances energy in nature.
- ◆ **Colour & Identity:** Blue, the colour most associated with water, evokes serenity, imagination, loyalty, trust, and stability, values central to people and organisations alike. At the same time, water reflects all colours, symbolising inclusivity and adaptability. Similarly, these spaces can reflect diverse brand identities, moods, and goals, with the potential for customisable colour options that keep them timeless and versatile.

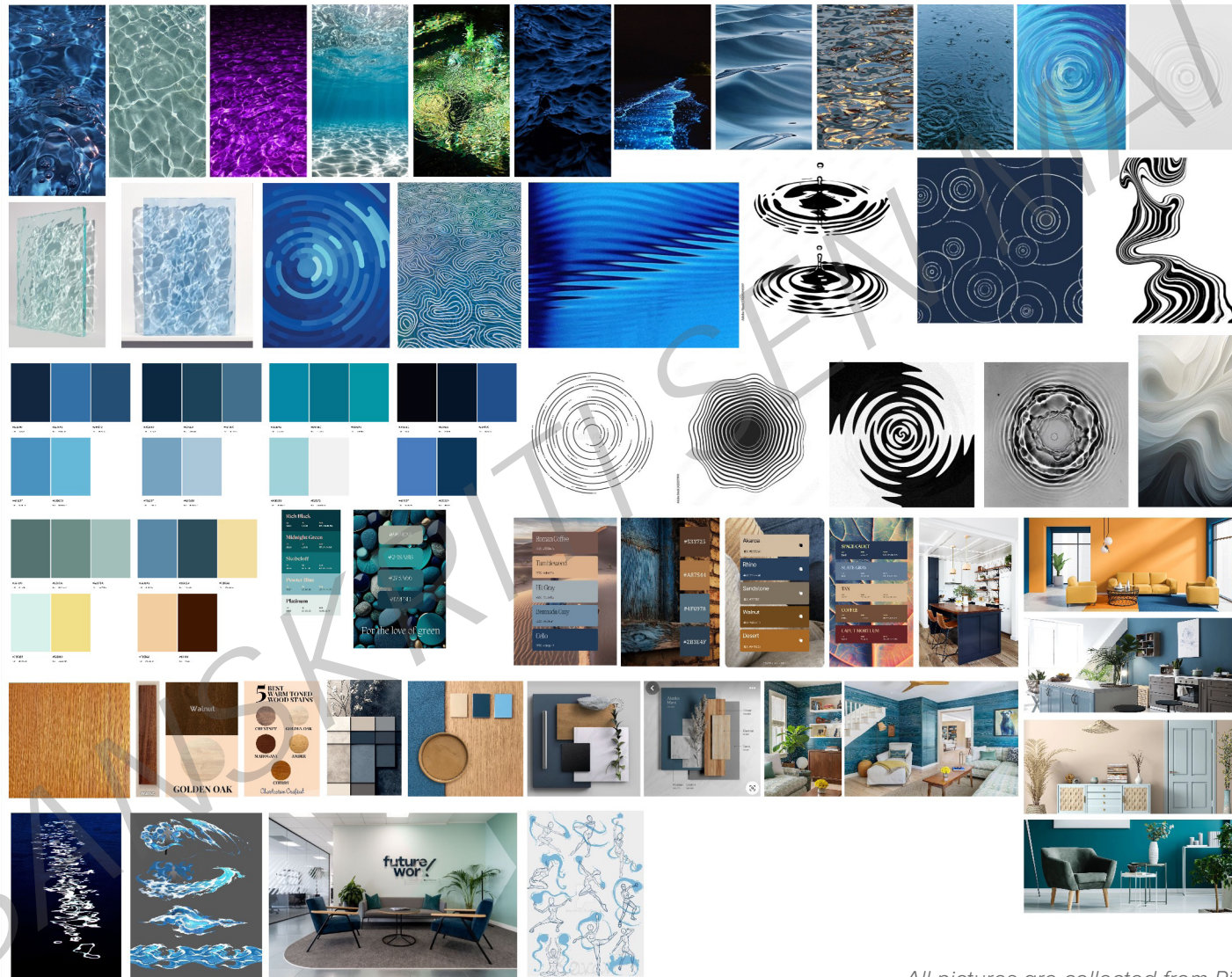








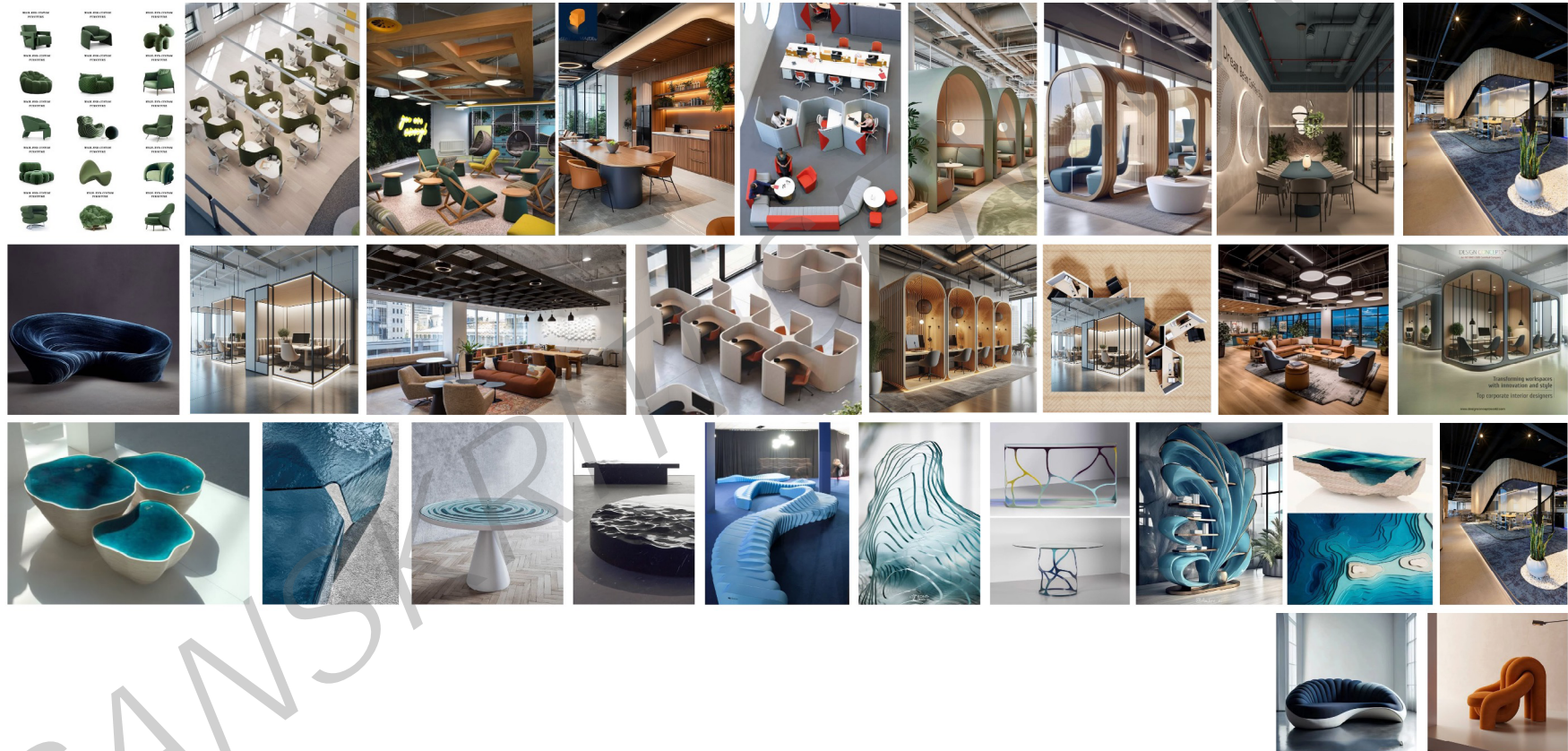
# Inspiration Board



All pictures are collected from Pinterest



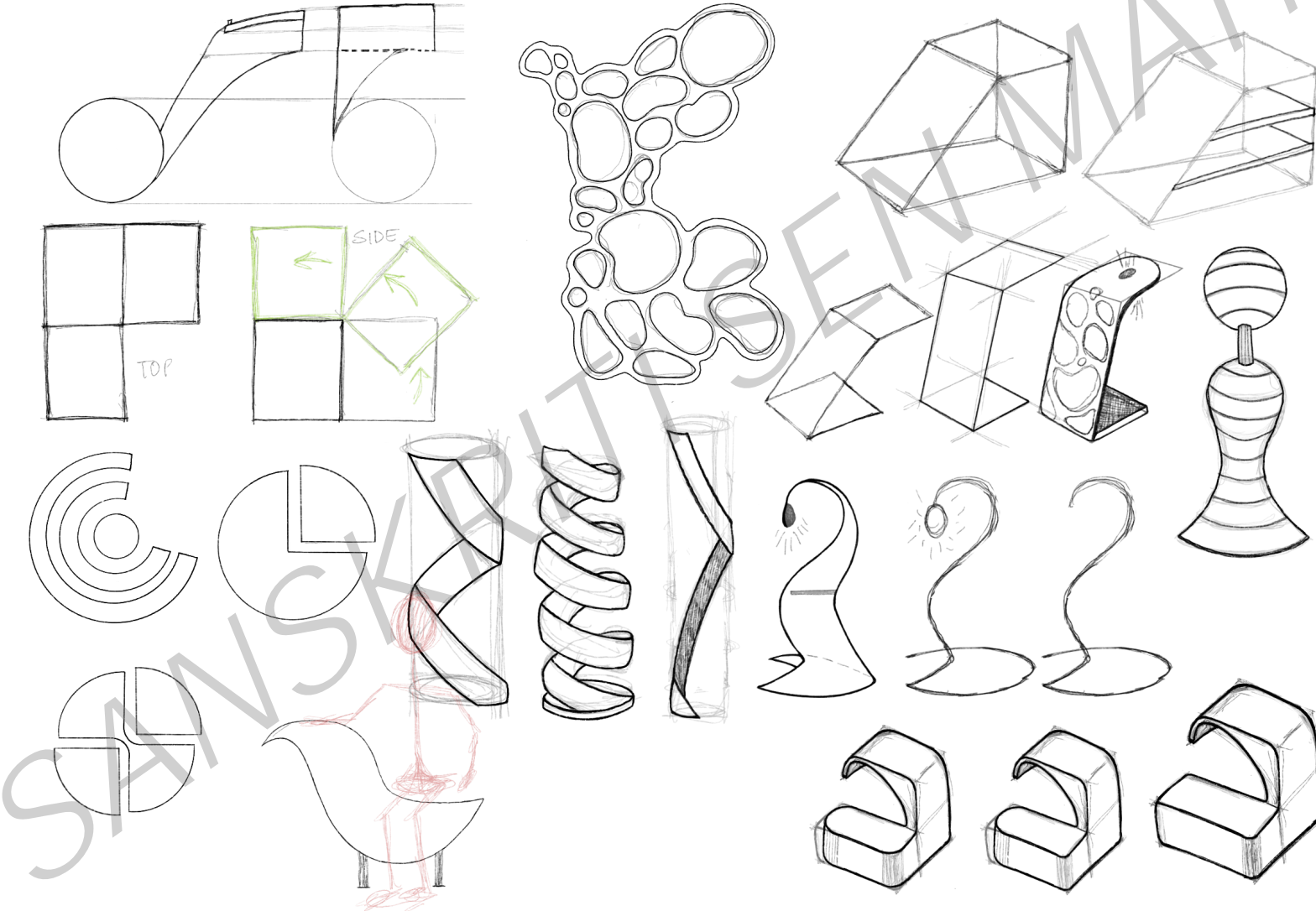
# Furniture Inspiration Board

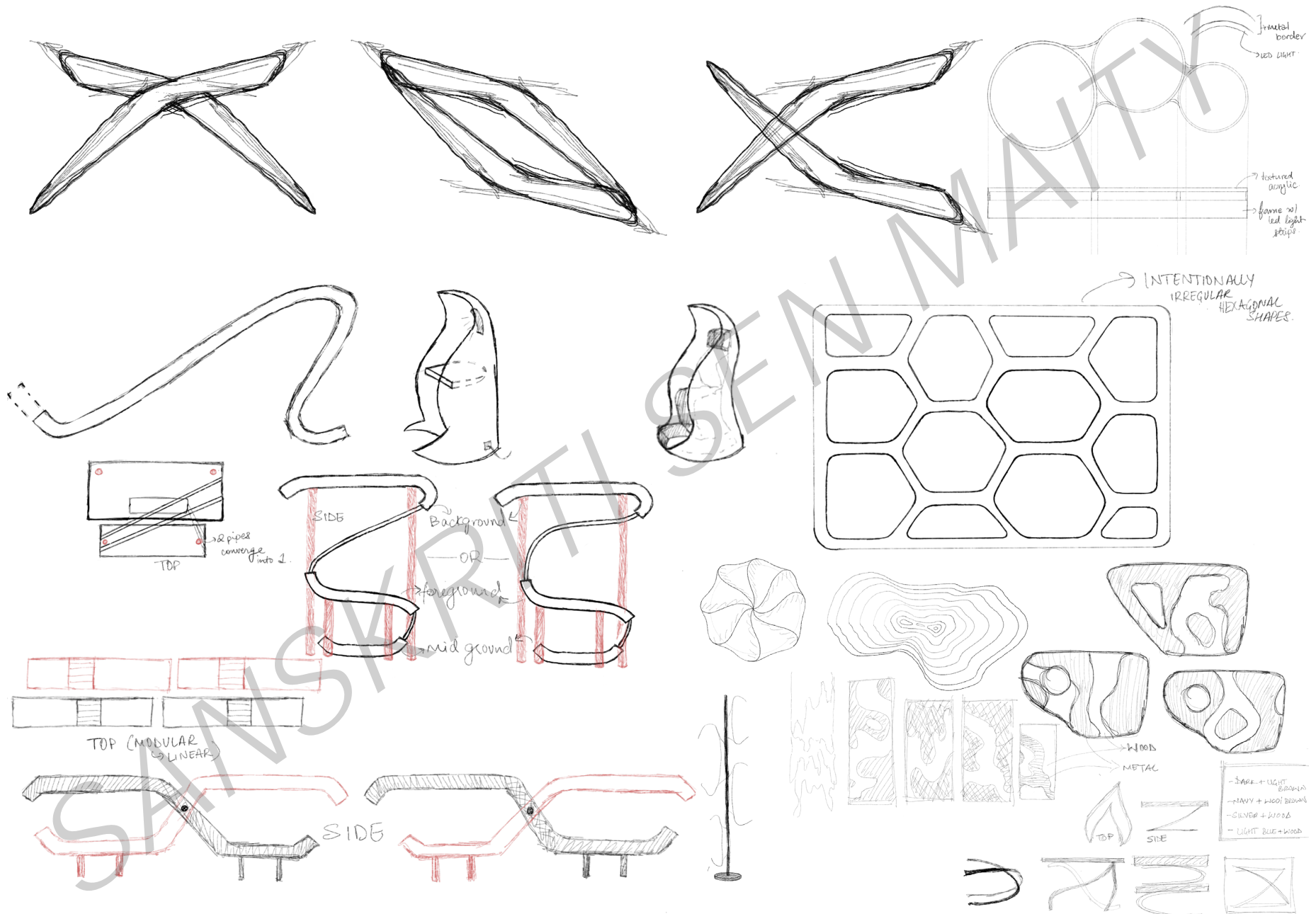


*pictures are collected from Pinterest*

# Conceptualisation

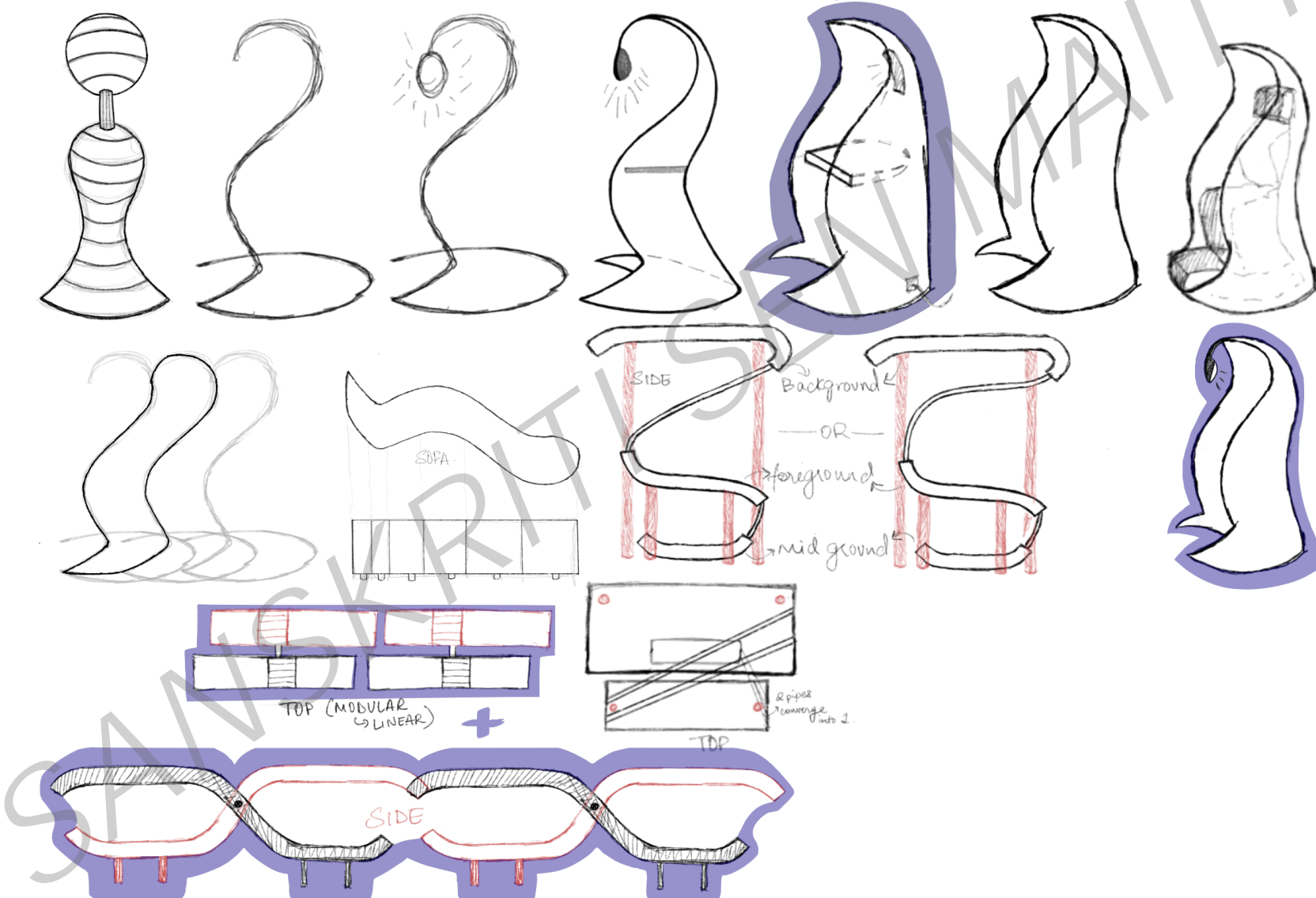
An initial exploration of ideas represented through freehand sketches, serving as a visual brain dump to capture a broad range of possibilities.

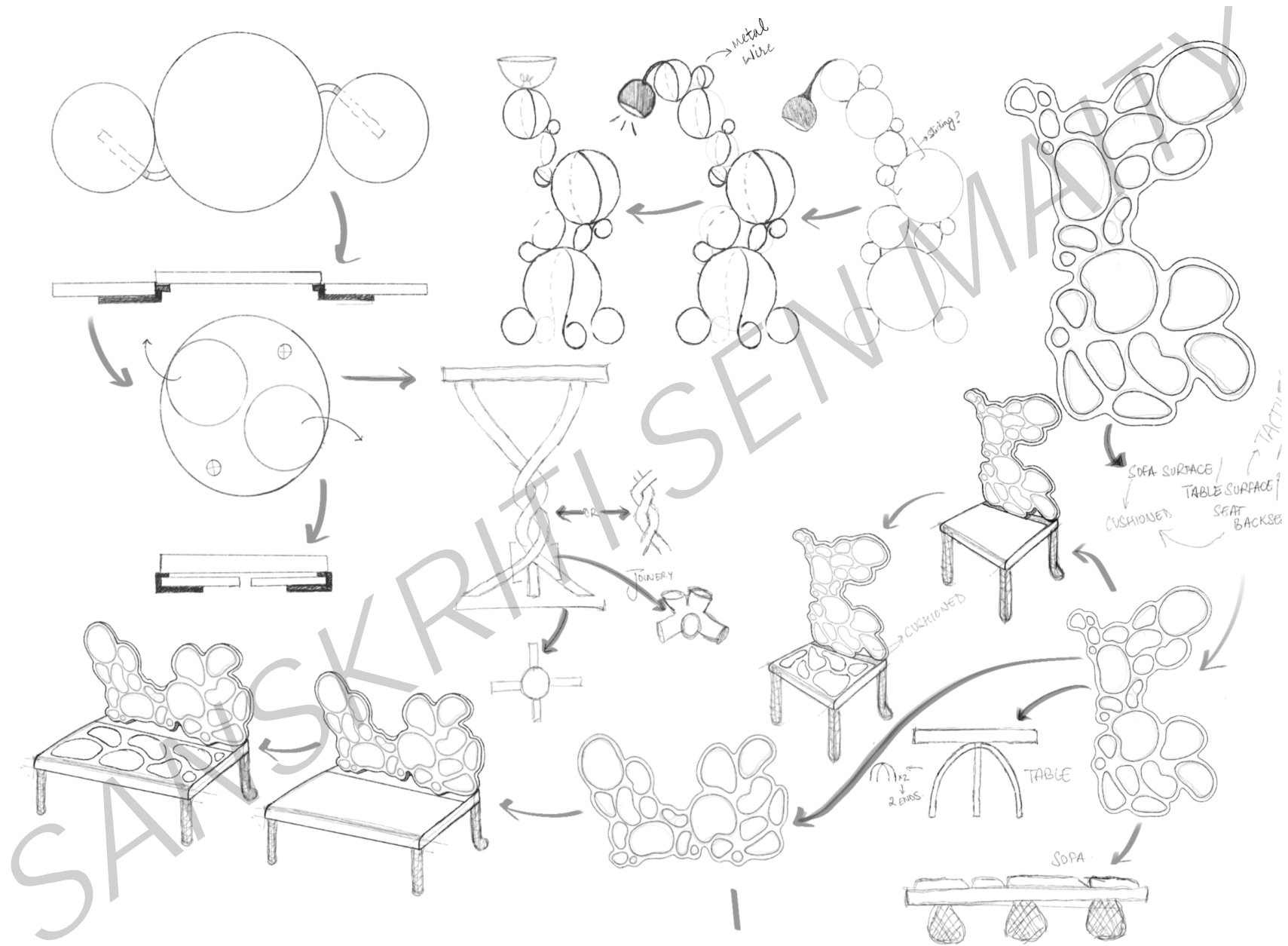


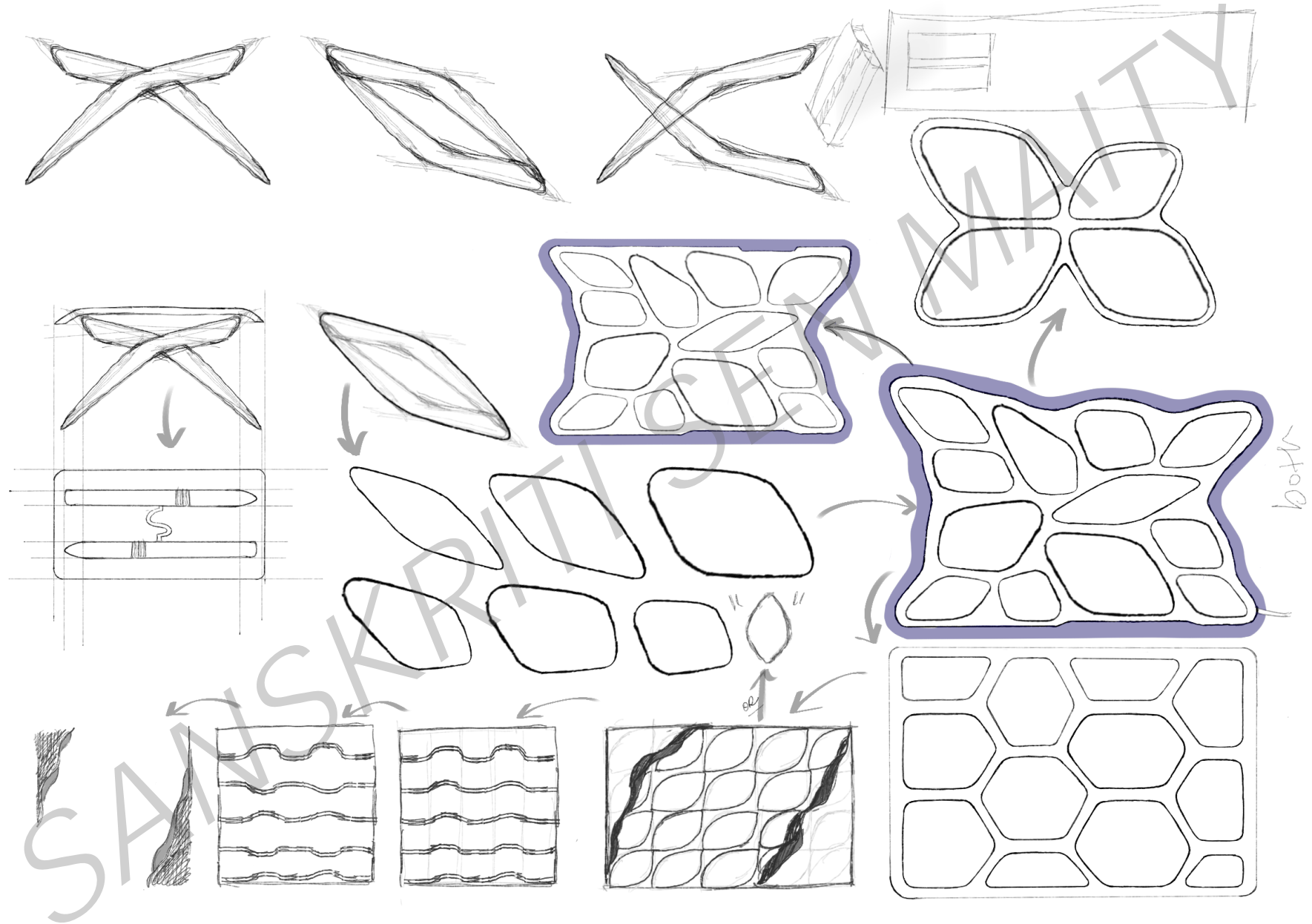




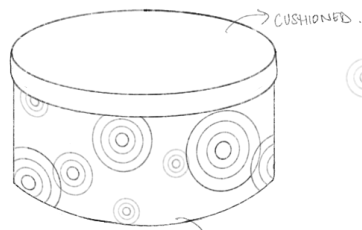
A process of refinement in which selected forms were systematically developed and evaluated, culminating in viable final outcomes, indicated by the blue highlights.





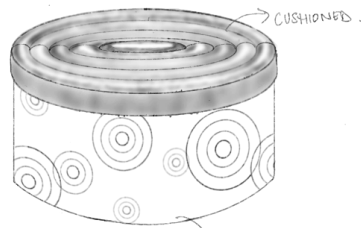






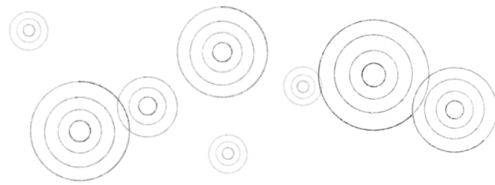
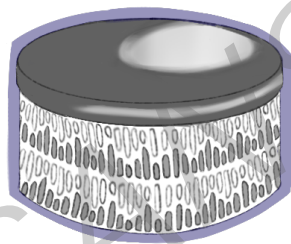
DWG/  
DXF/  
STL  
FILE

CNC  
SURFACE  
ROUTING

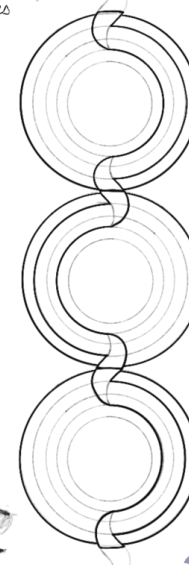
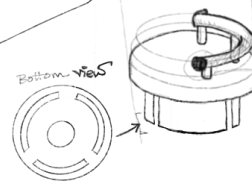
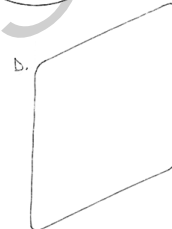
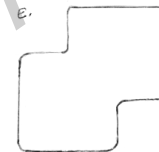
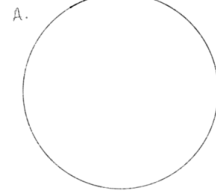


DWG/  
DXF/  
STL  
FILE

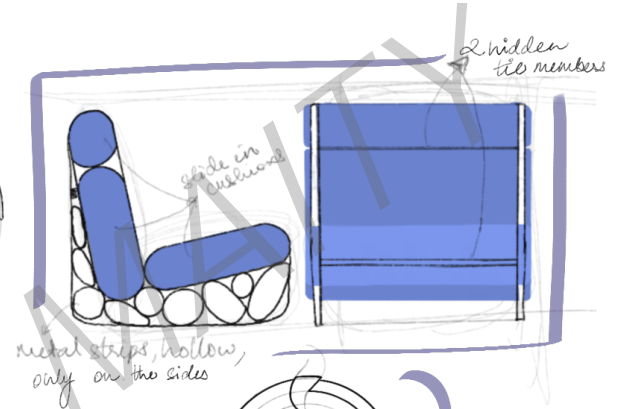
CNC  
SURFACE  
ROUTING



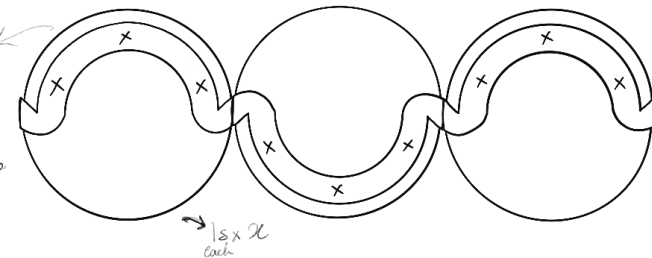
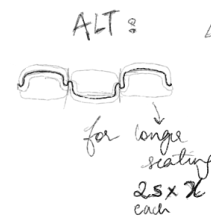
Other top profile options:



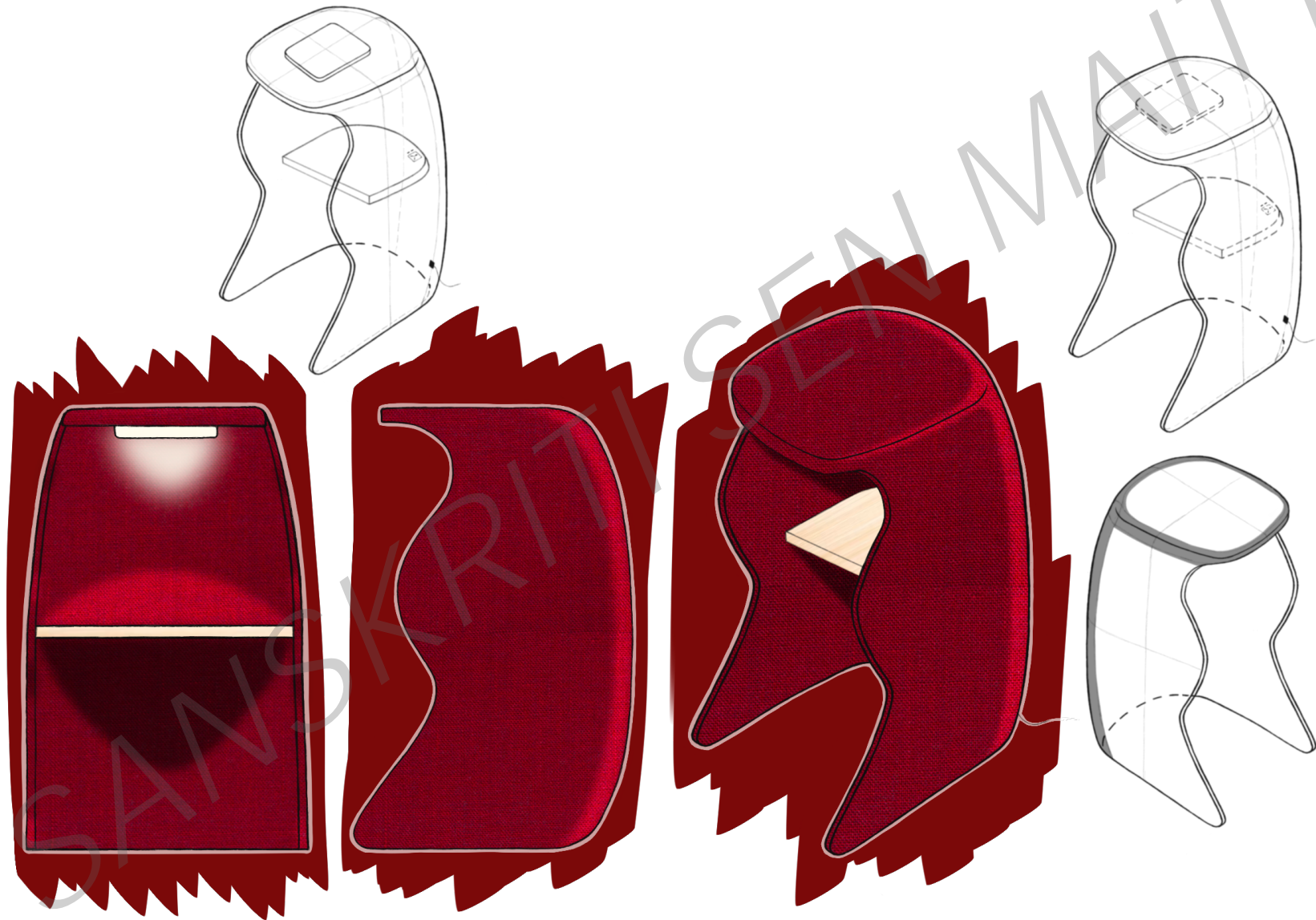
MAYBE

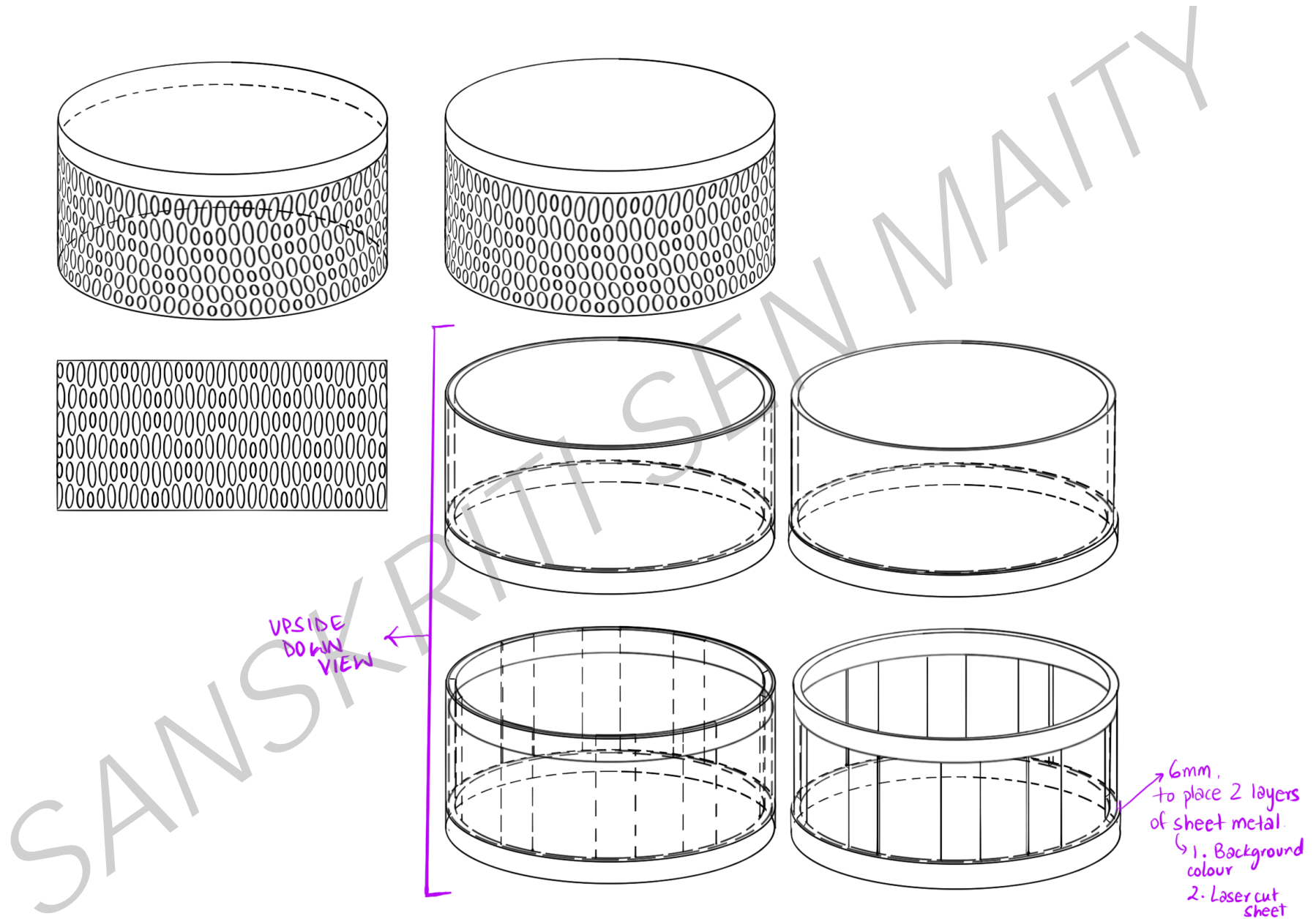


metal strips, hollow,  
only on the sides

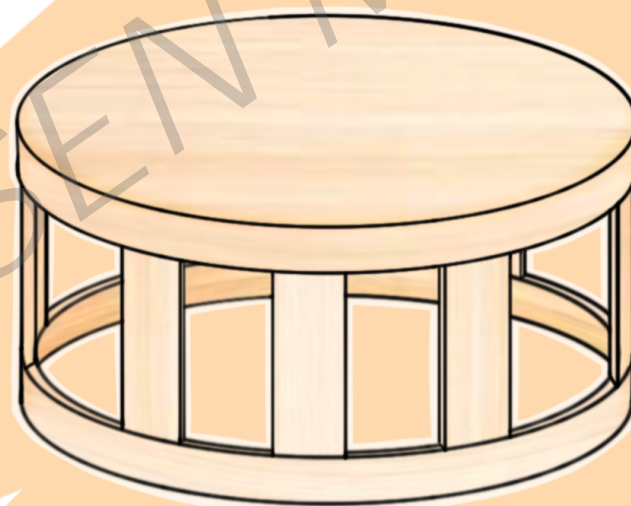


Out of the forms that were taken forward, these iterations were ultimately **excluded** from further development.





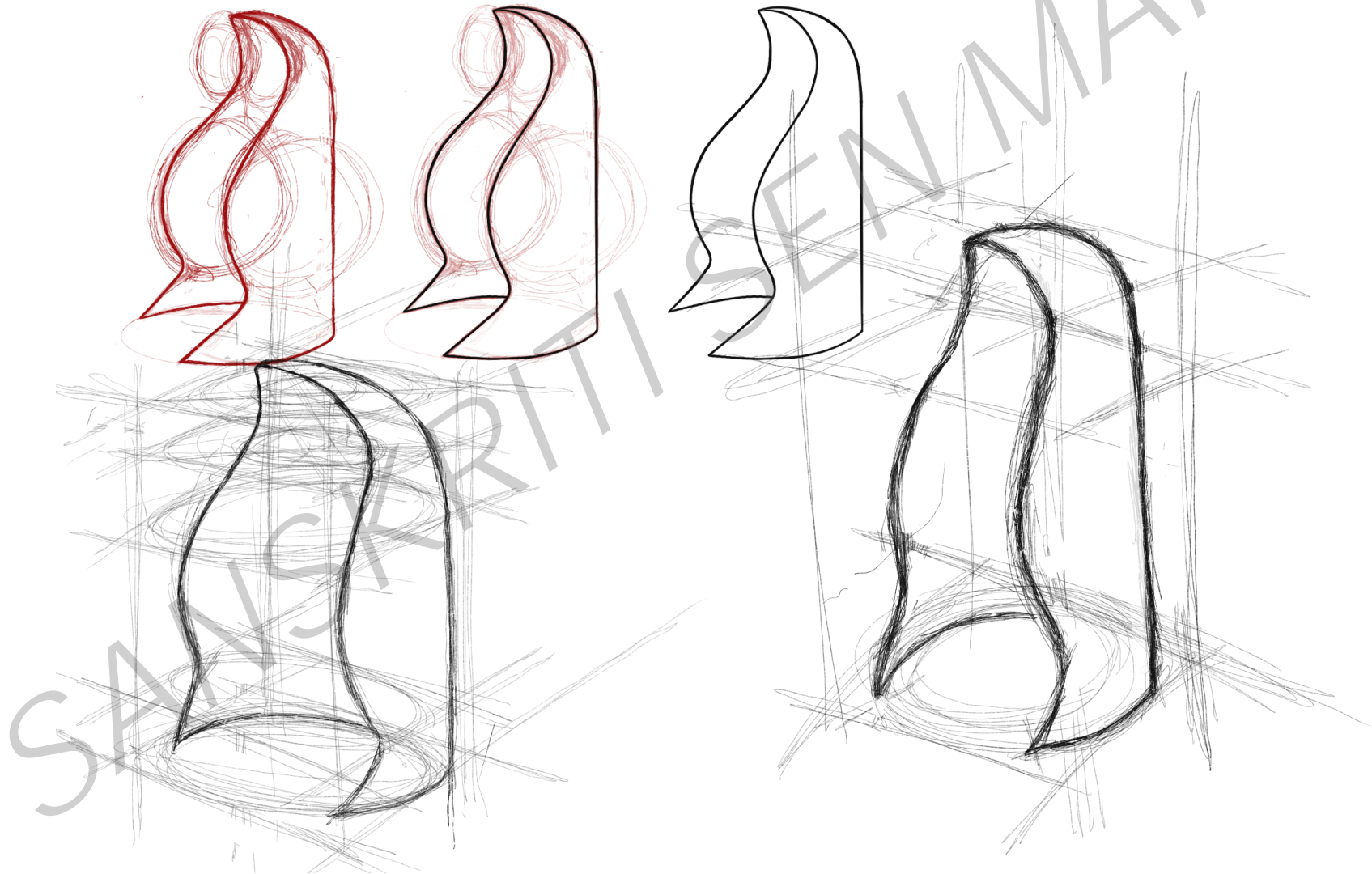


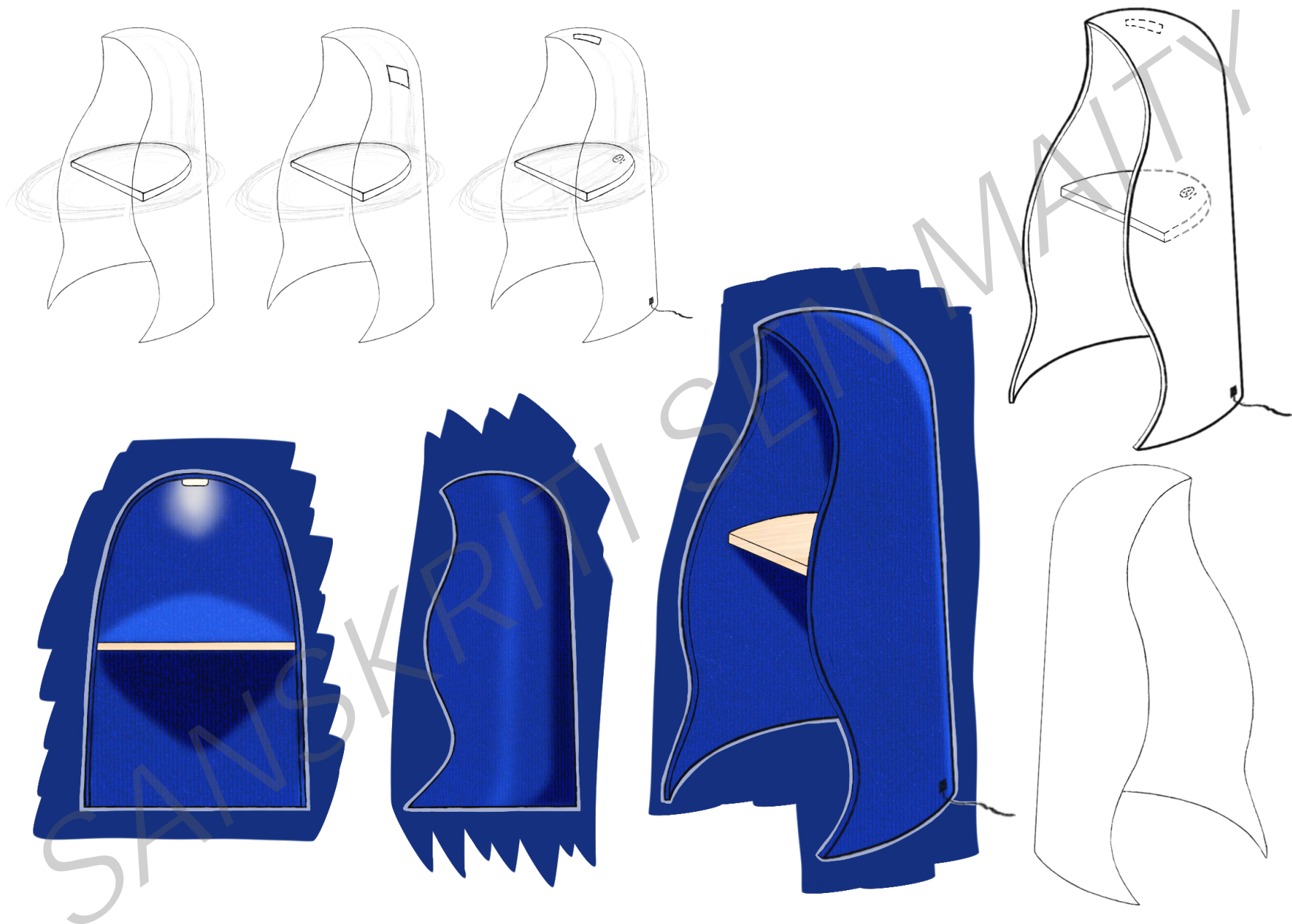


# Final Product Concepts

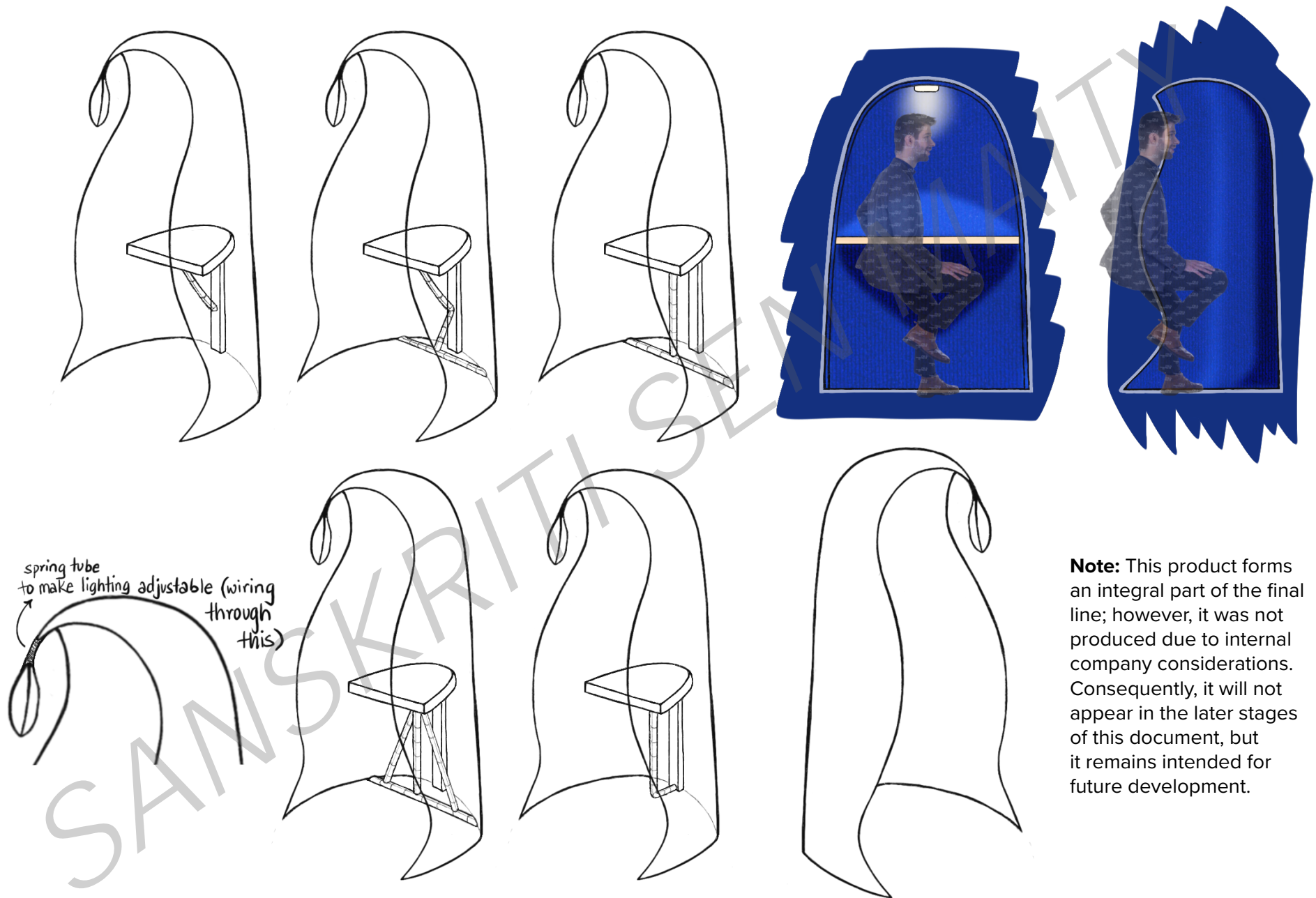
These represent the final product concept sketches, along with their respective sketching processes, presented at this stage. Each of them subsequently underwent design modifications in the following stages of development and production.

## 1. Semi-enclosed Focus Pod



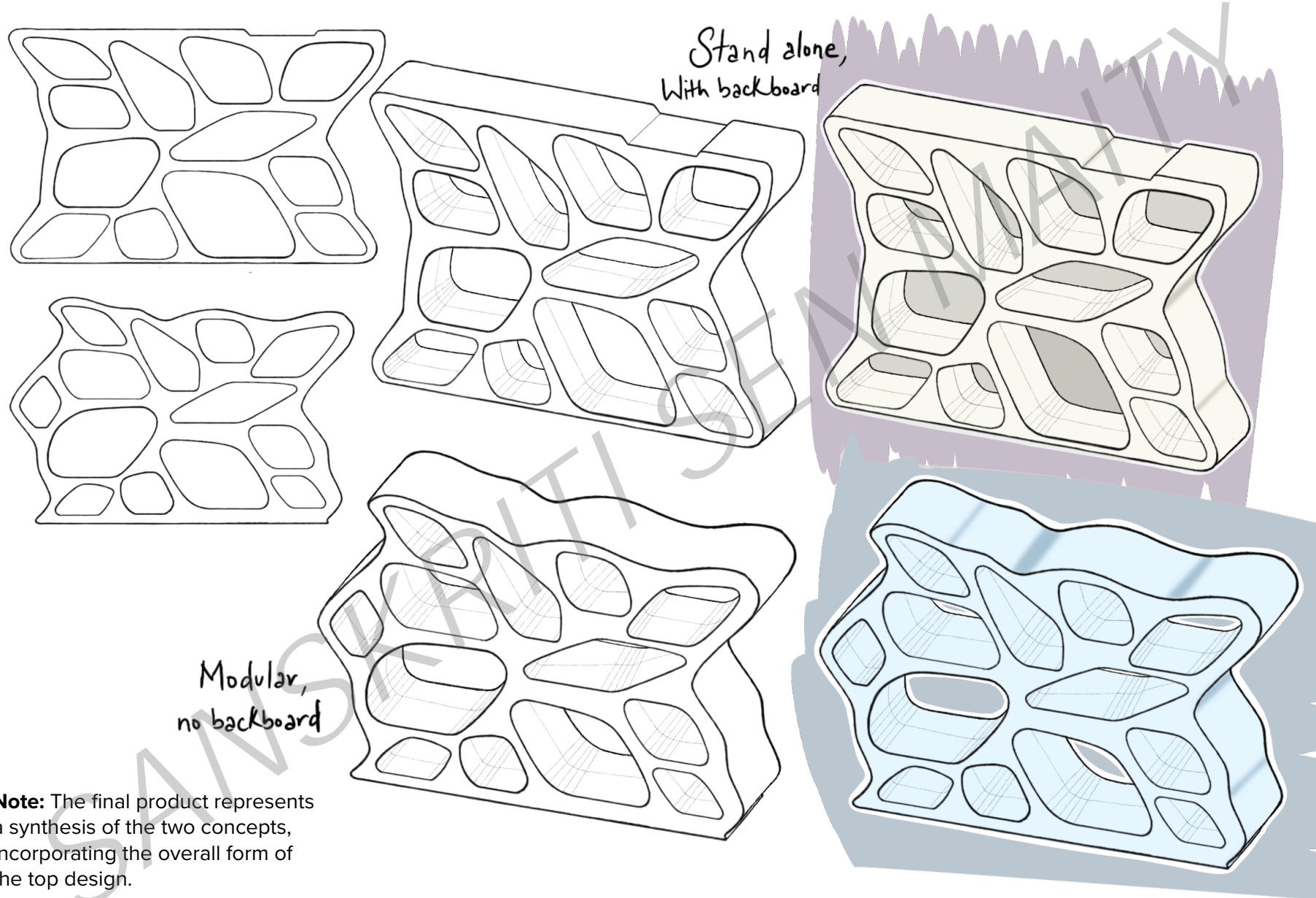


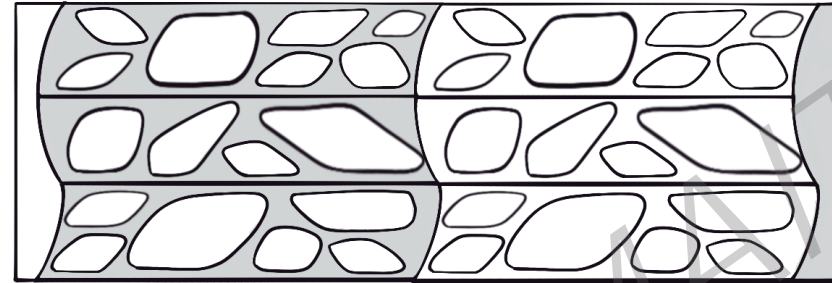
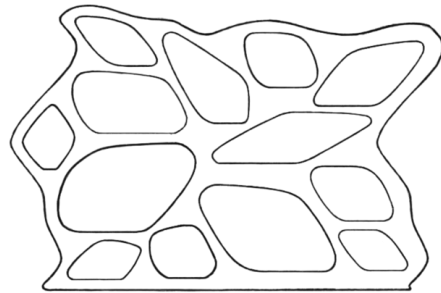




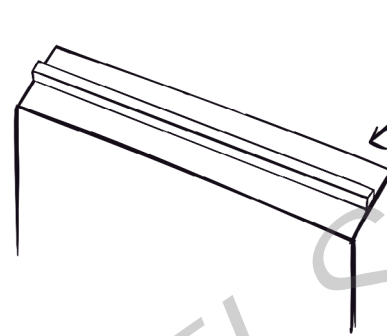
**Note:** This product forms an integral part of the final line; however, it was not produced due to internal company considerations. Consequently, it will not appear in the later stages of this document, but it remains intended for future development.

## 2. Bookshelf-Partition

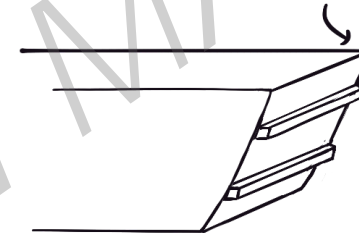




**Note:** After extensive iterations exploring different approaches to modularity, and taking into consideration its large size, the dimensions were subsequently reduced in the design process. Furthermore, the product was divided horizontally, in half, enabling easier and more cost-effective transportation and on-site assembly.

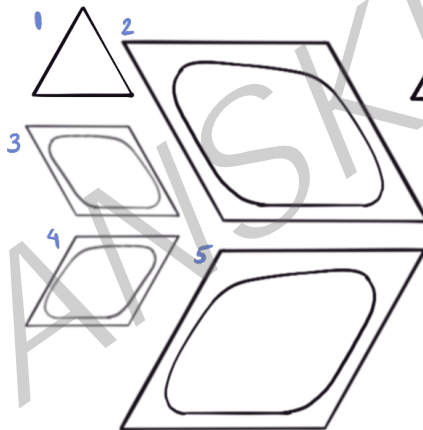


longitudinal  
Sliders for  
horizontal  
pieces



vertical  
Sliders for  
end pieces

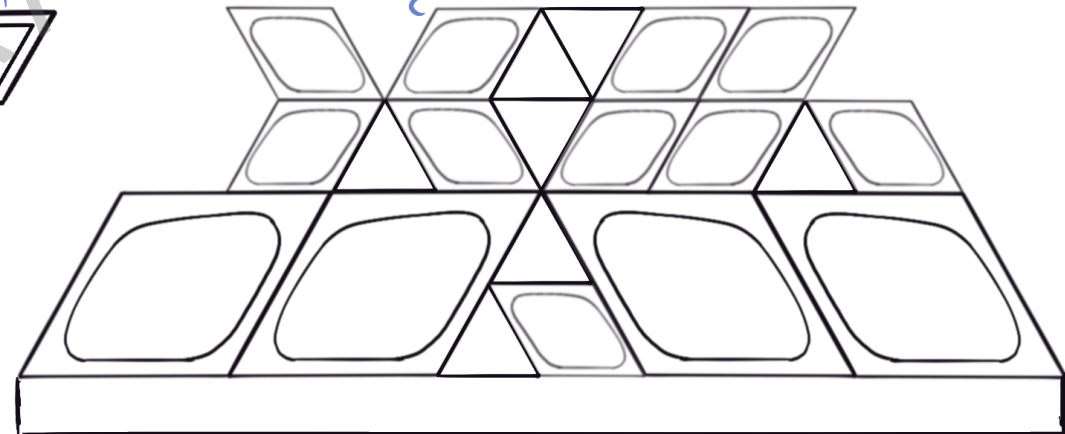
Modules:



base shape:

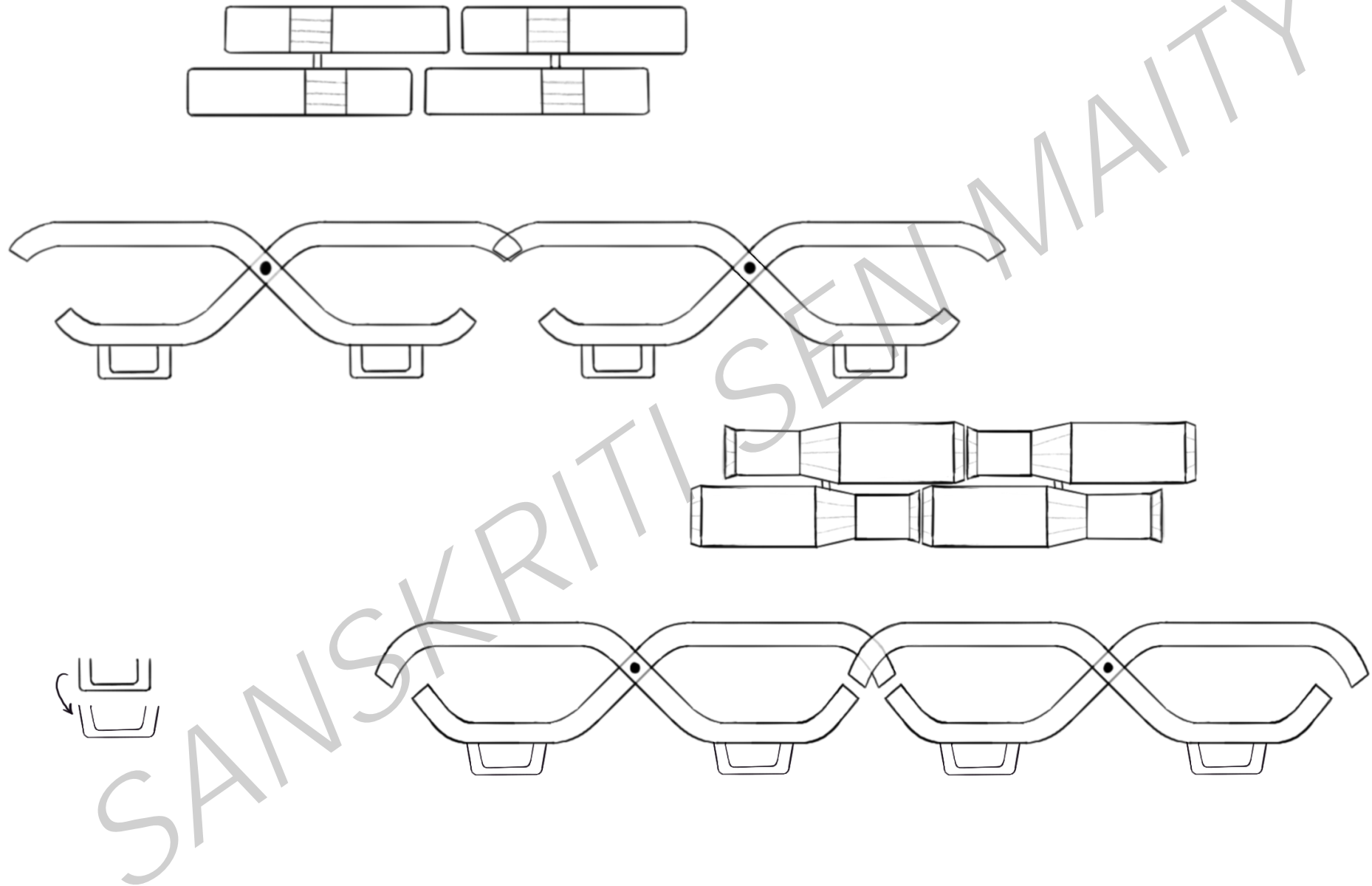


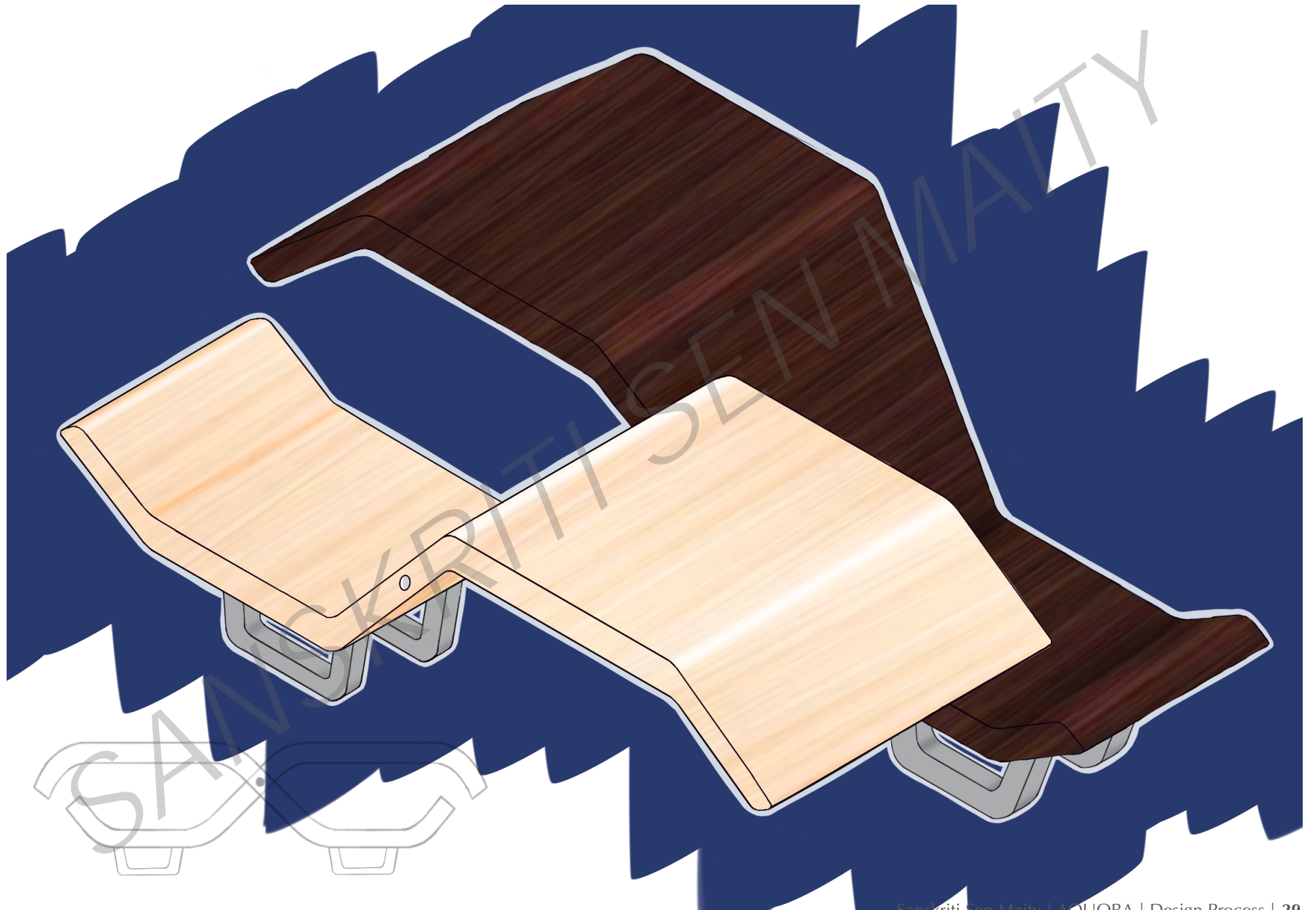
Modular Arrangement:

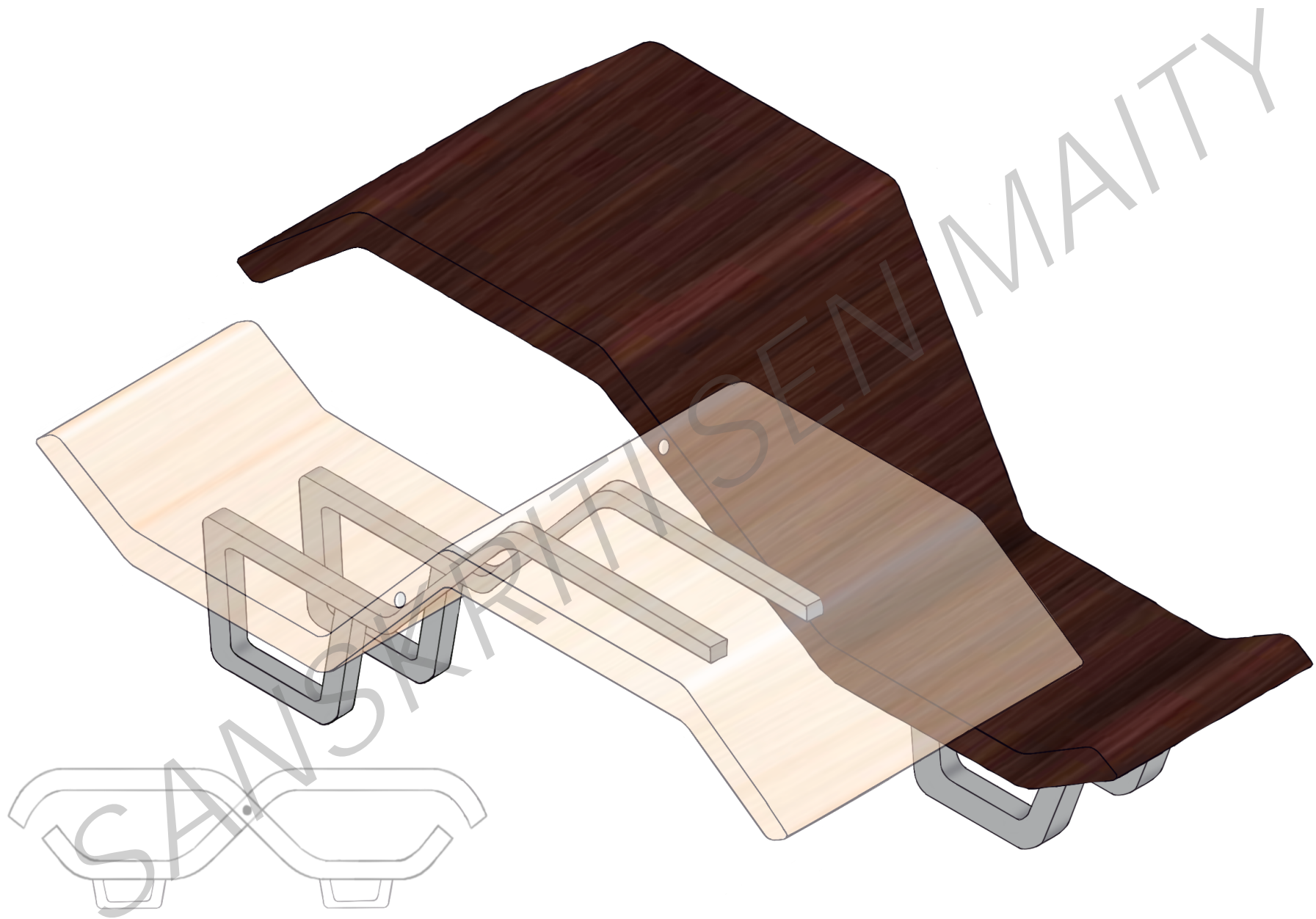




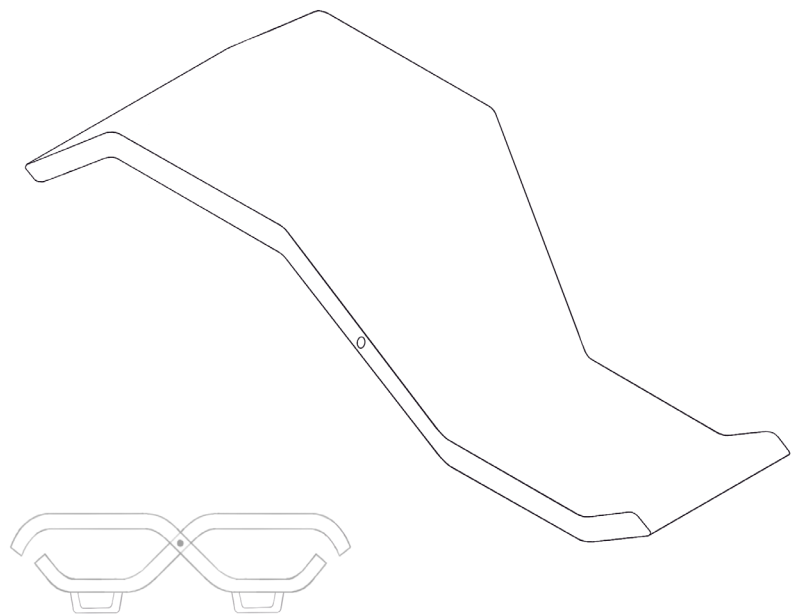
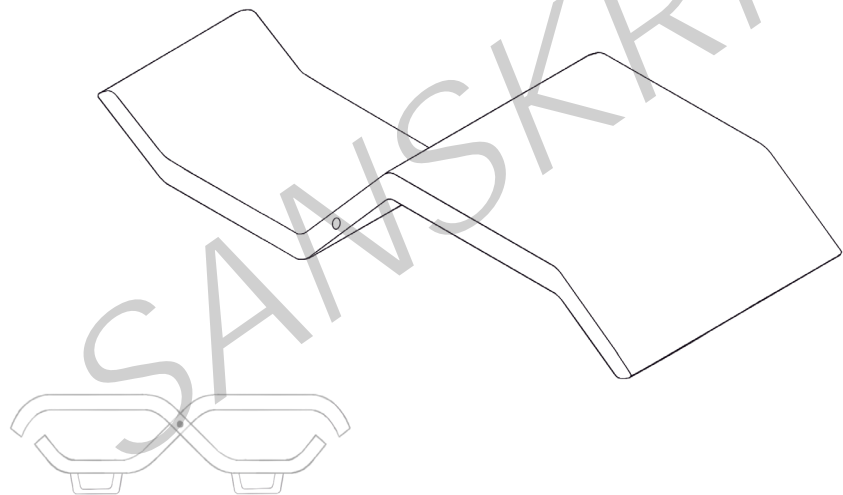
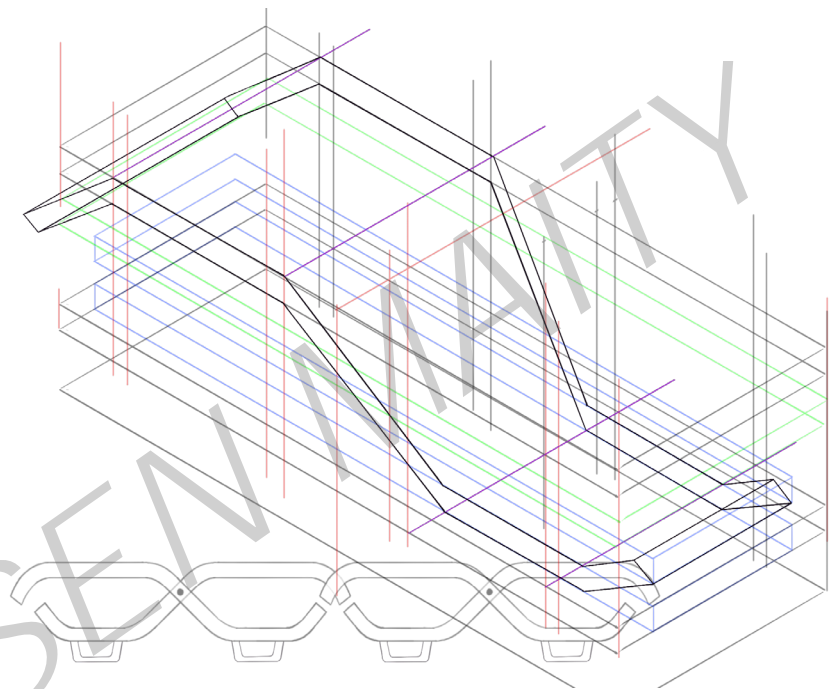
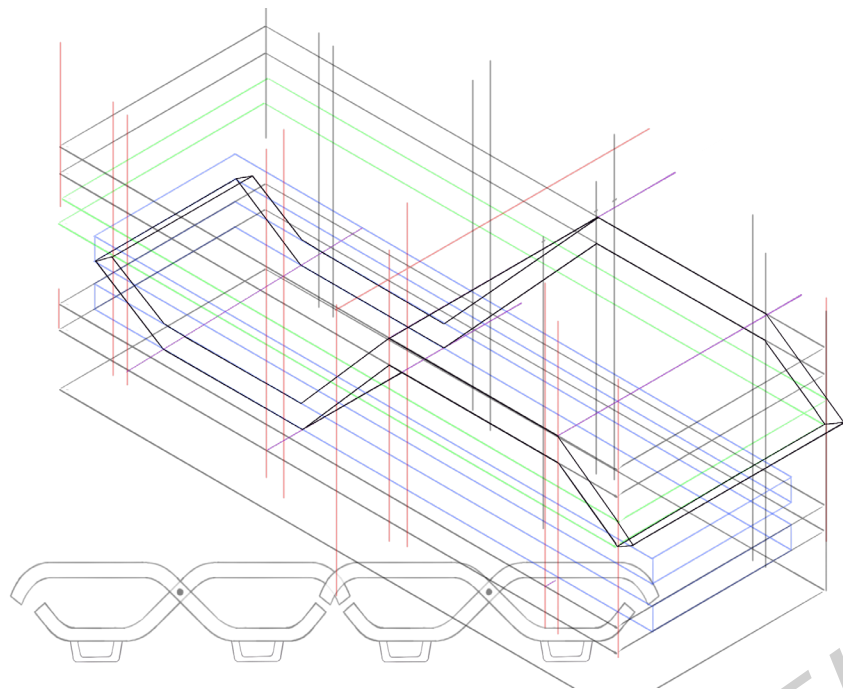
### 3. Modular Bench System

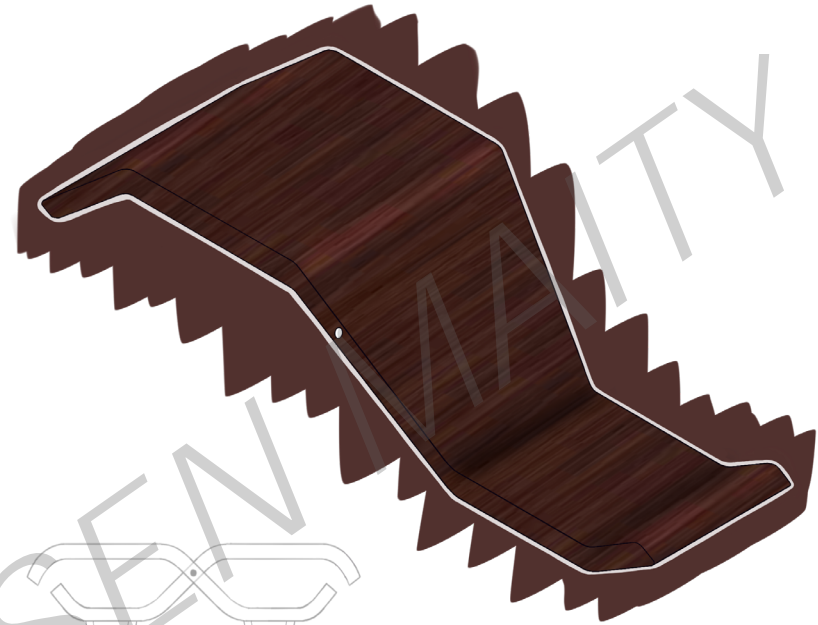
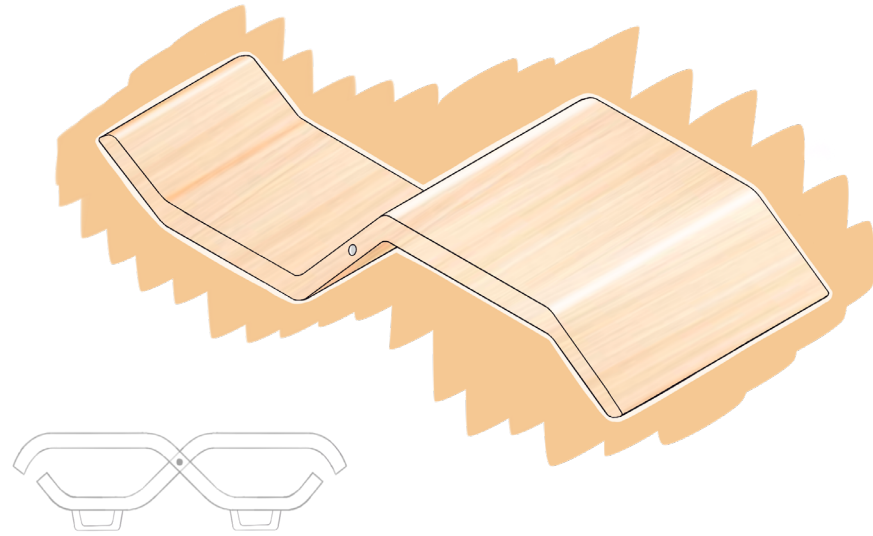




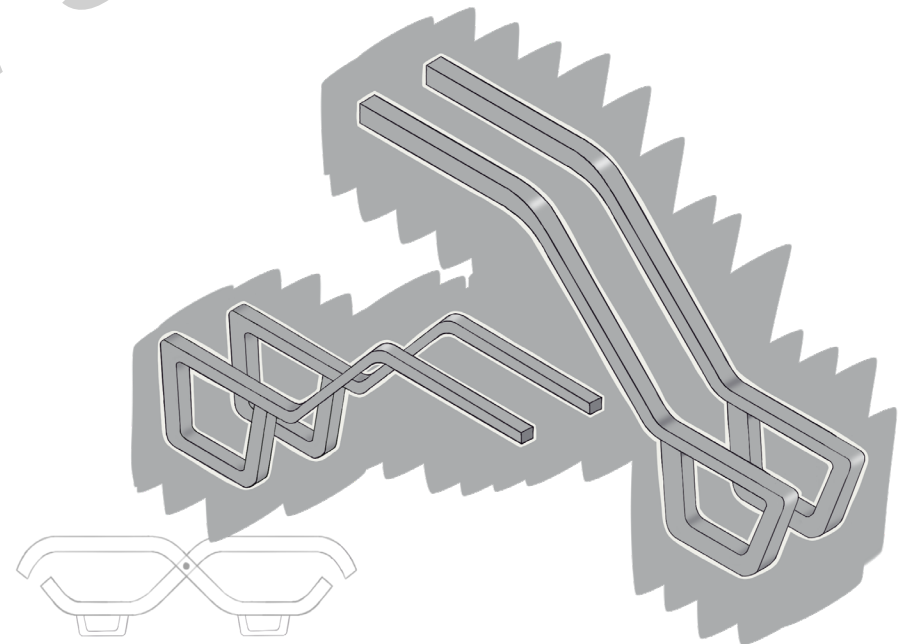
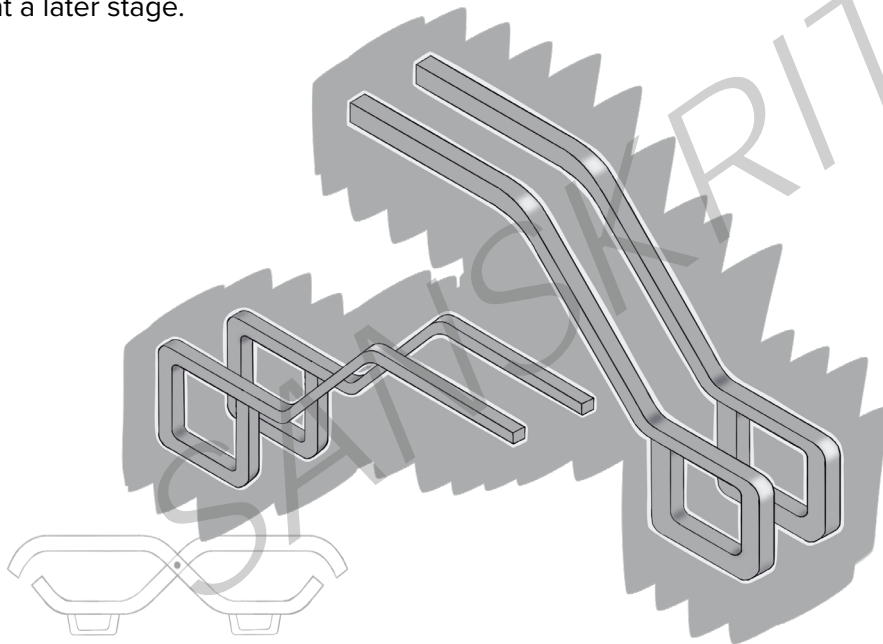




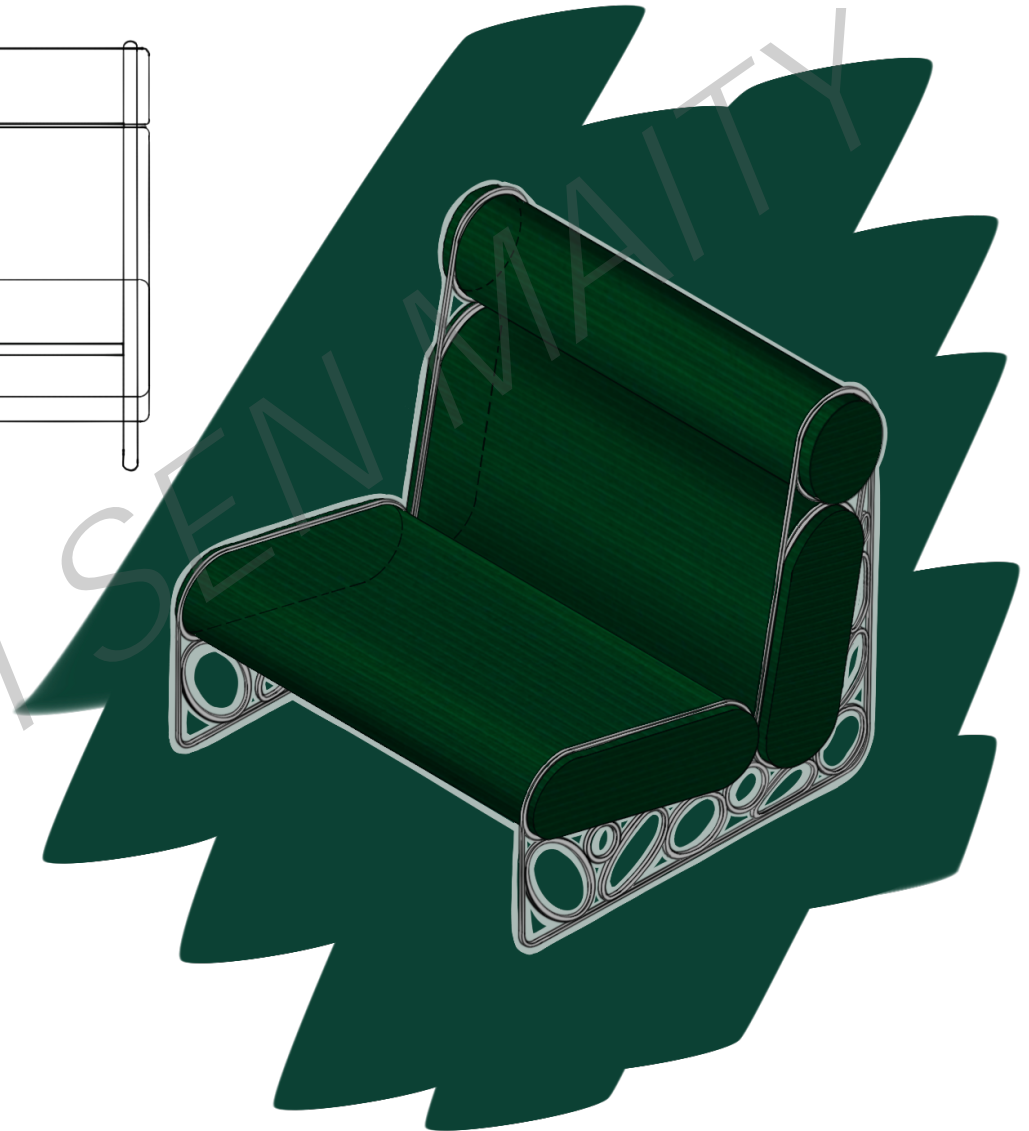
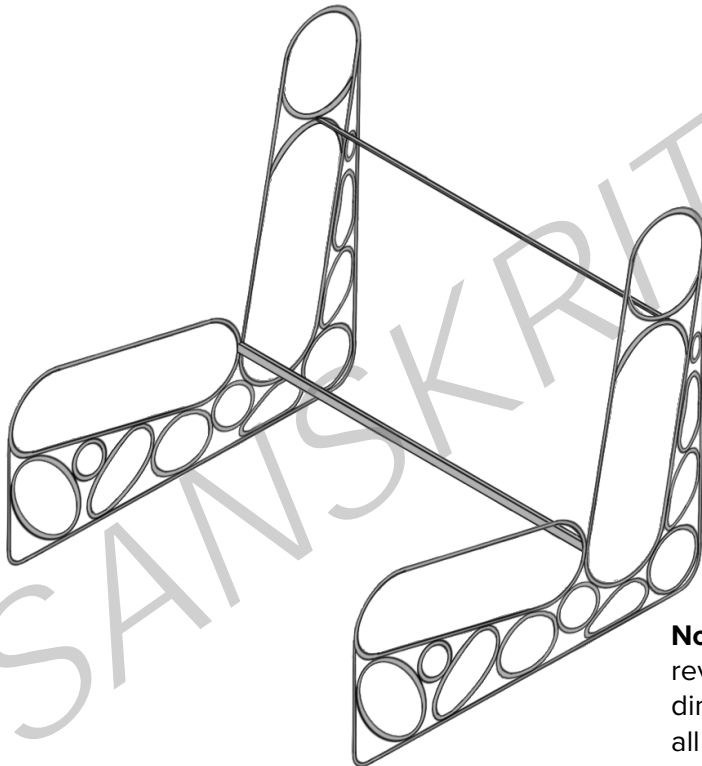
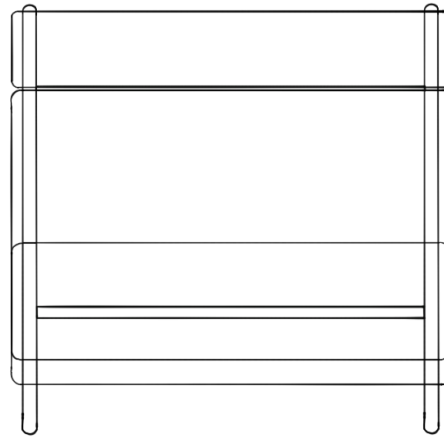
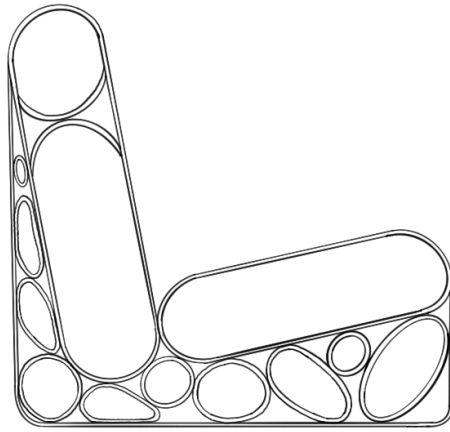




**Note:** The leg design was refined from the initial version (left) to an improved iteration (right); additionally, the connector was detailed out and modified at a later stage.

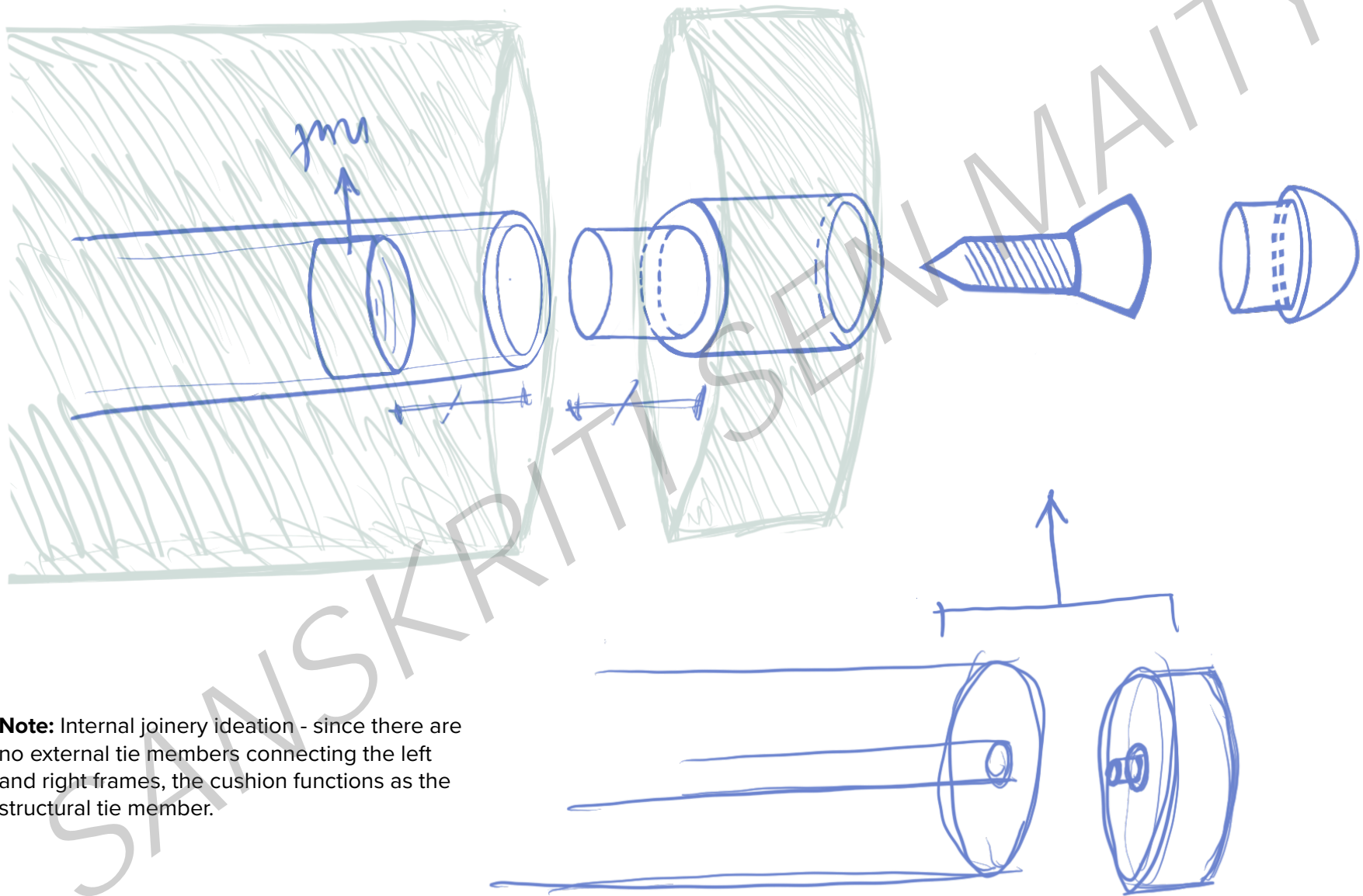


#### 4. Lounge Chair (Low-height)



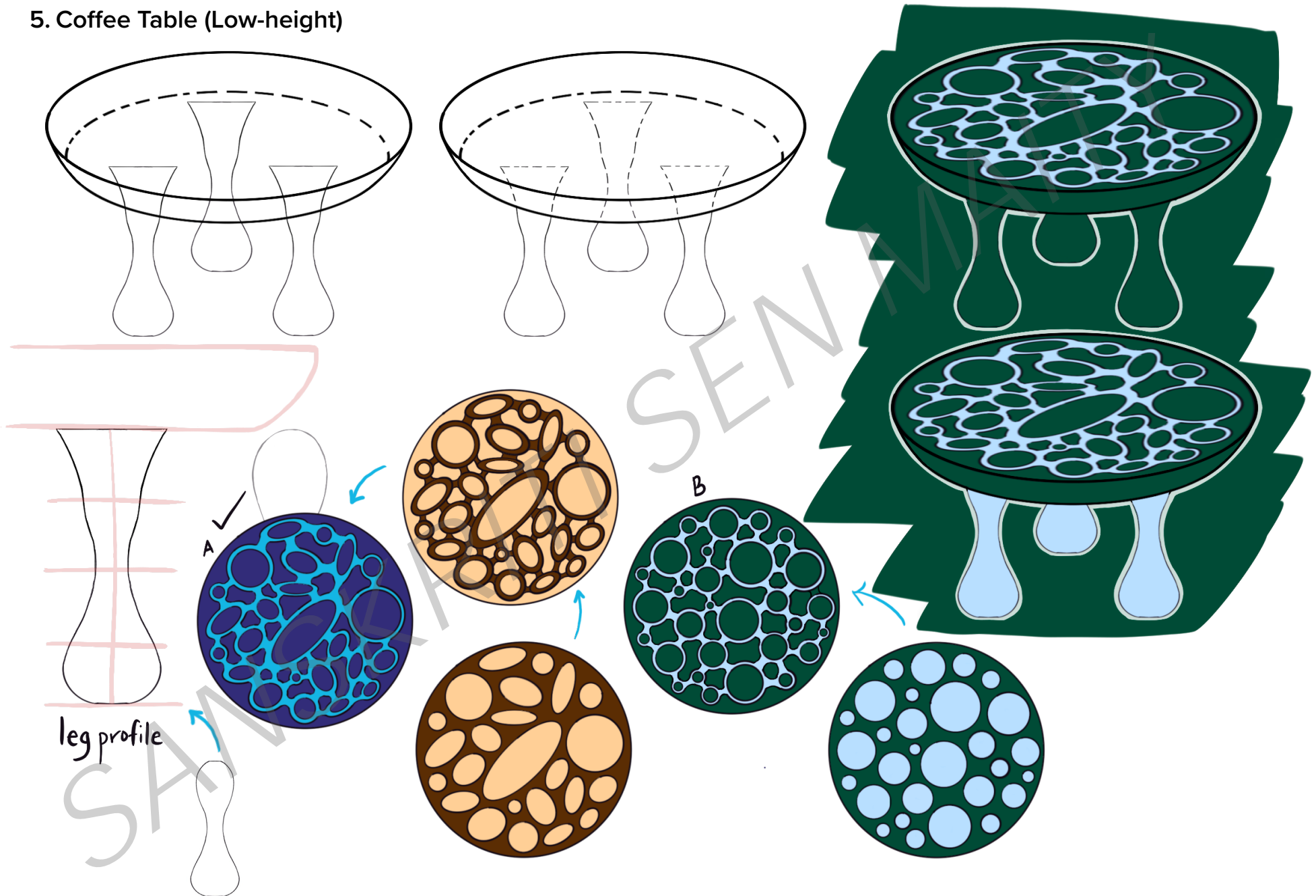
**Note:** This design was subsequently revised to integrate ergonomic and dimensional requirements. Furthermore, all horizontal tie members in the frame were eliminated.





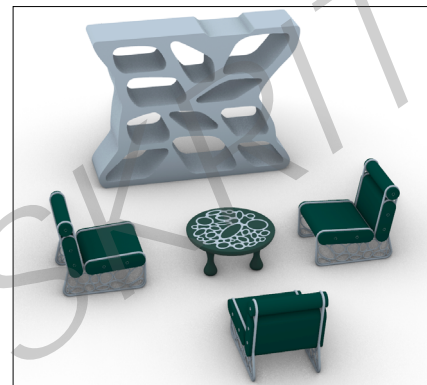
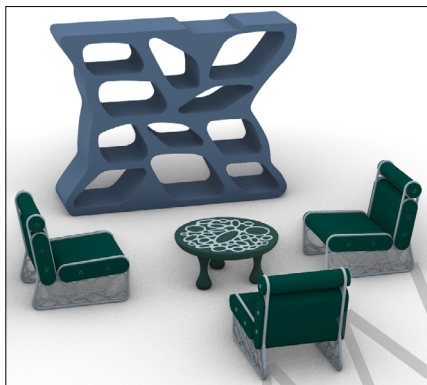
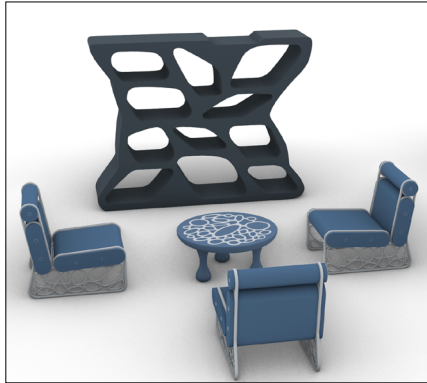
**Note:** Internal joinery ideation - since there are no external tie members connecting the left and right frames, the cushion functions as the structural tie member.

## 5. Coffee Table (Low-height)



# Colours, Materials and Finishes

Colour options.





Finalised colours, materials and finishes.



#### BOOKSHELF-PARTITION

- MATERIALS: PLYWOOD, FLEXI PLY, BIRCH PLY, MDF
- FINISH: PAINT WITH PU CLEAR MATTE POLISH
- COLOURS: RAL 5013 (COBALT BLUE), RAL 9001 (CREAM)



#### LOUNGE CHAIR

- MATERIALS: 19MM MS PIPE, 5MM MS SHEET, PLYWOOD, 50 DENSITY FOAM, SEAT FABRIC
- FINISH: POWDER COATING (METAL), FABRIC
- COLOURS: RAL 9016 (TRAFFIC WHITE), NAVY BLUE FABRIC



#### COFFEE TABLE

- MATERIALS: SOLID WOOD, MDF, 3MM MS SHEET
- FINISH: POWDER COATING (METAL), PAINT WITH PU CLEAR MATTE POLISH
- COLOURS: RAL 9016 (TRAFFIC WHITE), RAL 5013 (COBALT BLUE)



#### MODULAR BENCH SYSTEM

- MATERIALS: MDF, MS SHEETS
- FINISH: POWDER COATING (METAL), VENEER
- COLOURS: LIGHT WOOD, DARK WOOD, METALLIC SILVER LMS T20



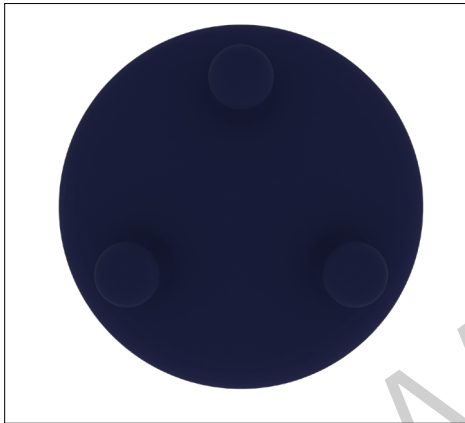
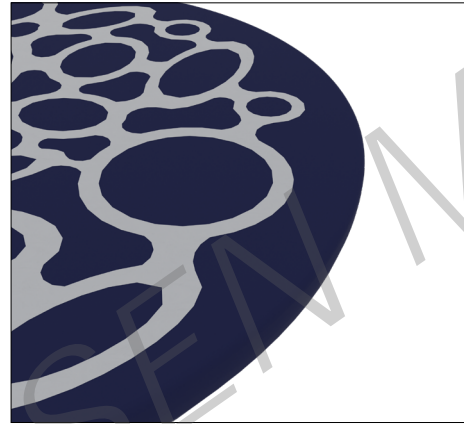
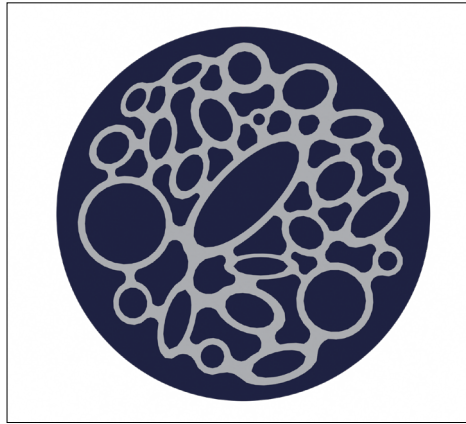
# Renders and Visualisations

This section presents product renders along with contextual visualisations.



*Lounge Chair with final CMF*





*Coffee Table with final CMF*





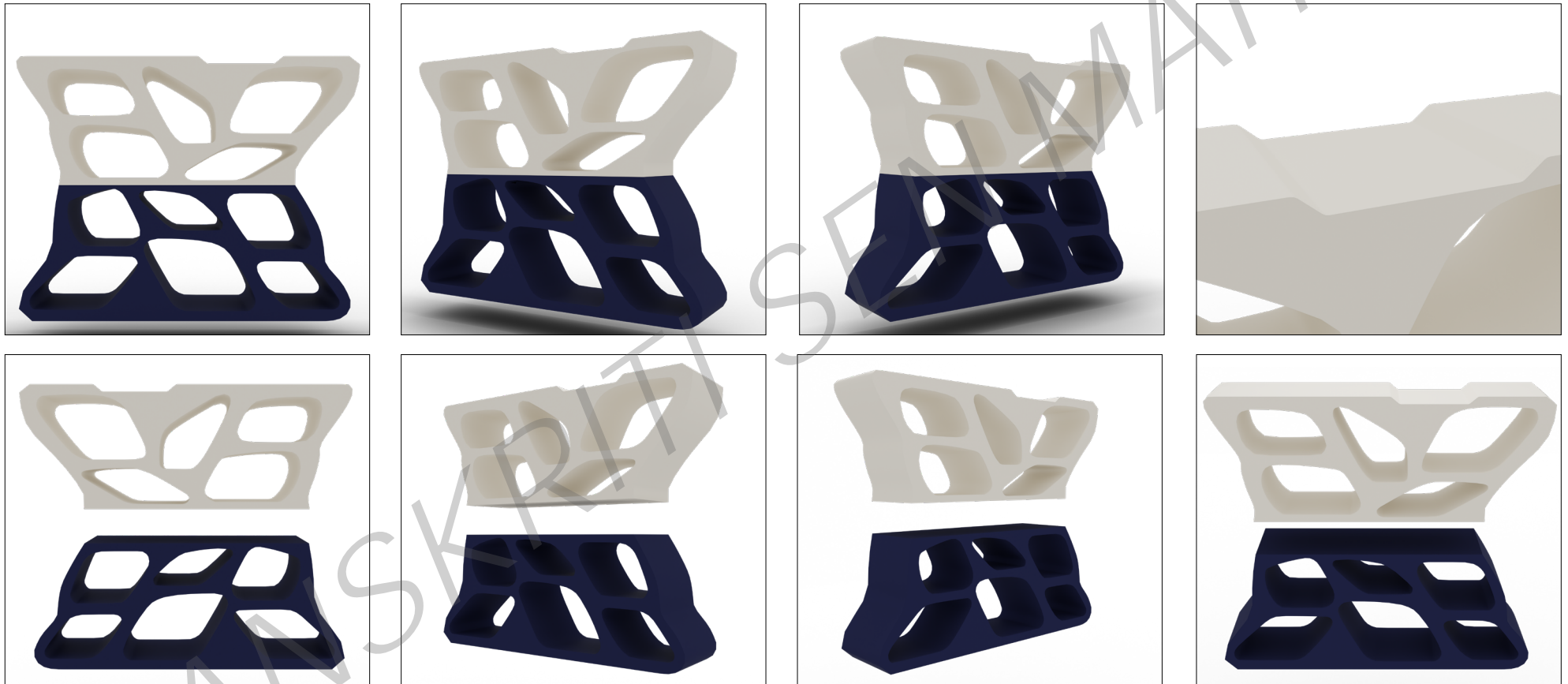












*Bookshelf with final CMF*







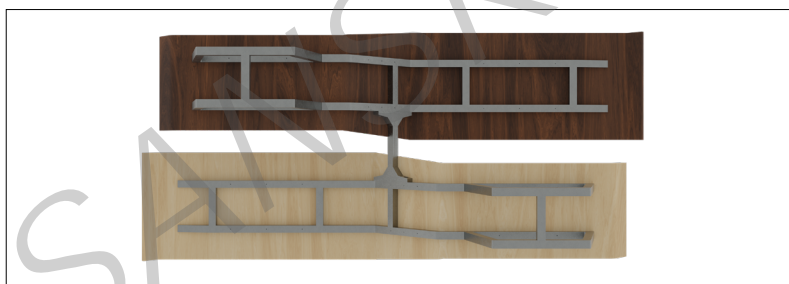
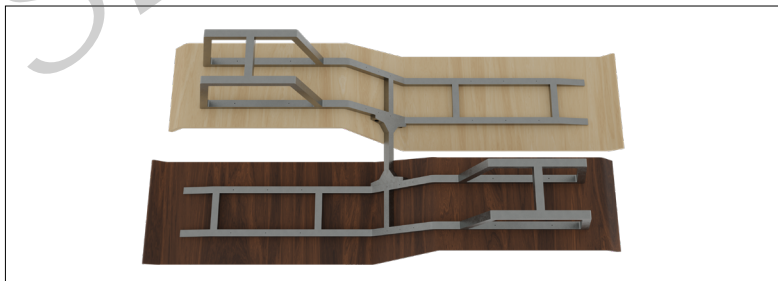
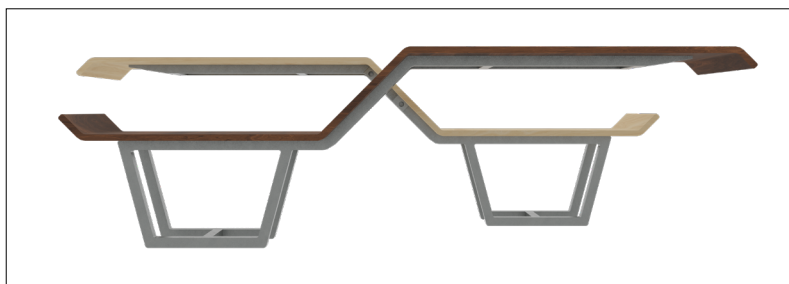












*Bookshelf with final CMF*









SANSKRITI SEN MAITY



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