

Exemplar 125366373

AS 91627 (3.34) Initiate design ideas through exploration. (4 credits)

Achievement	Achievement with Merit	Achievement with Excellence
Initiate design ideas through exploration	Initiate design ideas through insightful exploration	Initiate design ideas through extensive exploration

Marking Schedule

Use starting experiences and visual communication strategies to <u>explore alternatives</u> and <u>variations to expand</u> design thinking.	Use visual communication strategies to show considered alternatives and variations for the purpose of analysing and re-interpreting ideas.	Use visual communication strategies to show divergent and perceptive alternatives and variations.
Ideas are <u>re-generated</u> from alternatives and variations which <u>lead towards</u> design ideas.	Ideas identify an emerging train of thought that informs design ideas.	Train of thought extend and transform design ideas

Commentary: **This submission is assessed at Achievement.**

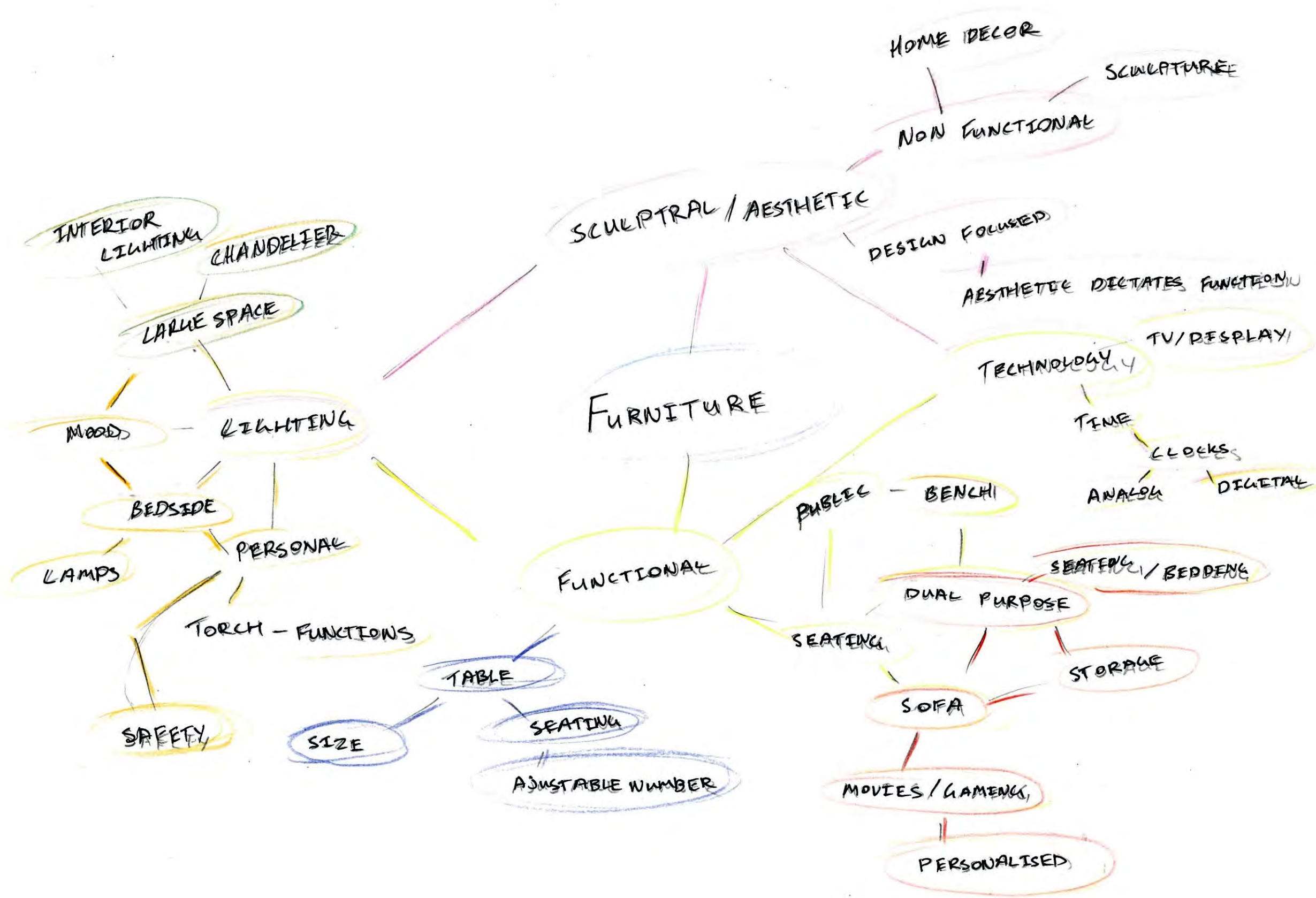
This submission is of the ideation that precedes a two-person seat.

It uses the furniture of Rainer Mutsch, the buildings of Daniel Libeskind and an animal skeleton as starting experiences. This submission has used the visual communication strategy of observational drawings and focused on the animal skeleton as their main inspiration.

The submission primarily explores and alternatives (shapes and forms) derived from the rib structure of the skeleton, it references other shapes and forms; flax and ribbons to expand design thinking.

These shapes and forms are re-generated to create a range of different patterns and rhythms. It is from these ideations that the form of the two-person seat has been derived.

This submission has not recognised that the re-generated shapes and forms could be further considered as alternatives and variations for the purpose of analysing and re-interpreting ideas, and does not identify an emerging 'train of thought'.

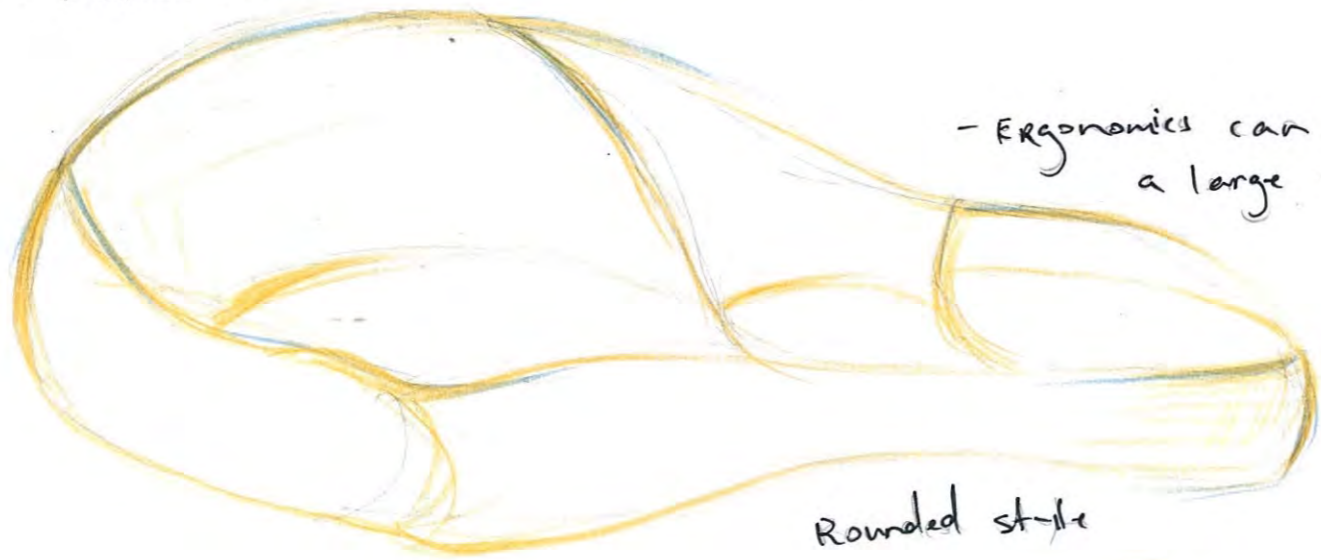


DESIGNER INSPIRATION / STUDY



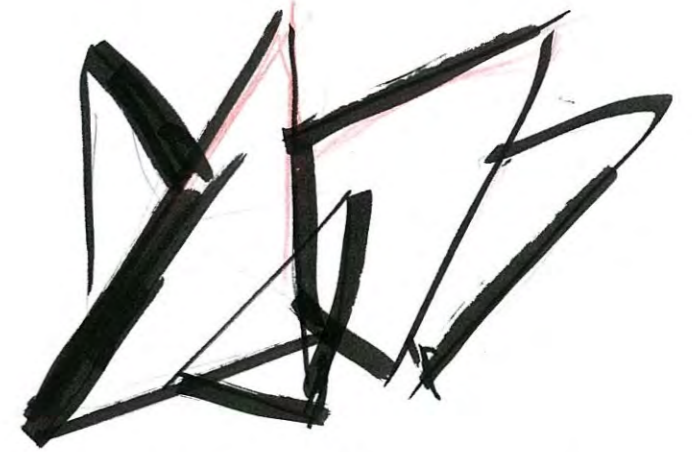
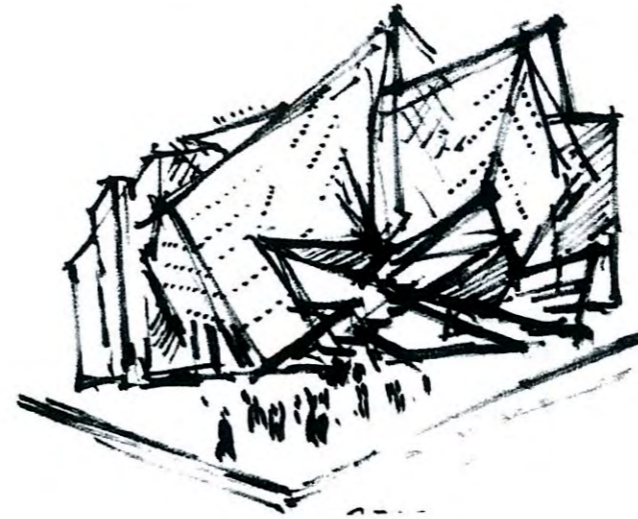
- Round curved style made from what looks like a fabric material
- Bench style type of seating
- Rounded Edges
- molded form

- possible separate seating
- organic inspired



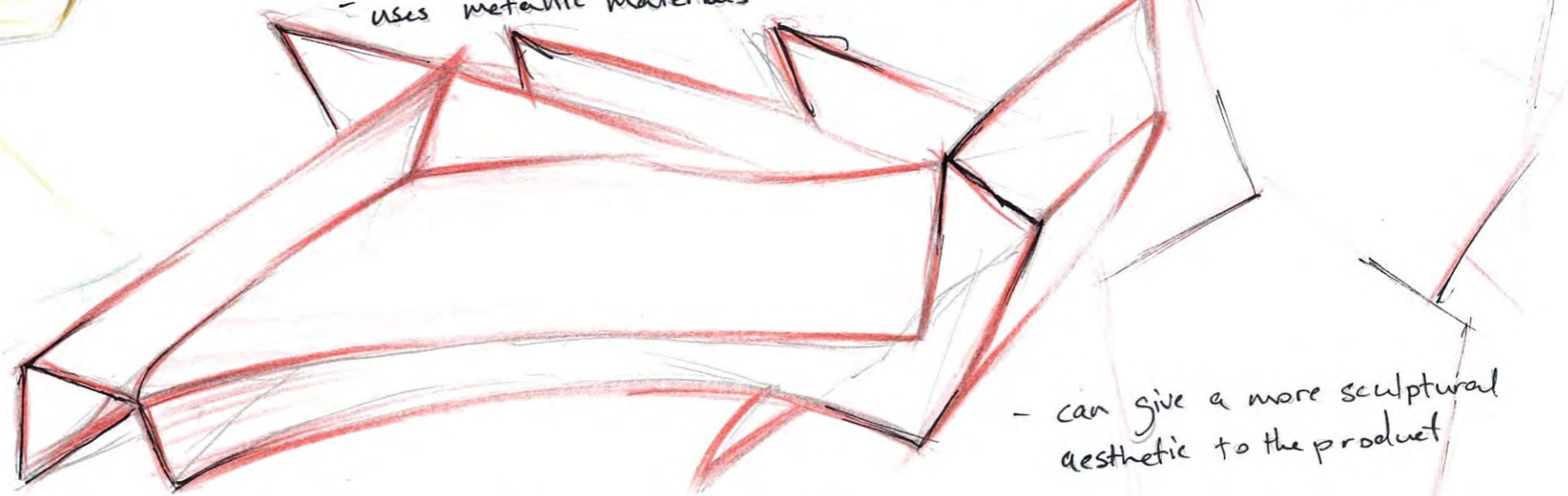
- Ergonomics can play a large part

Rounded style



DANIEL LIBESKIND

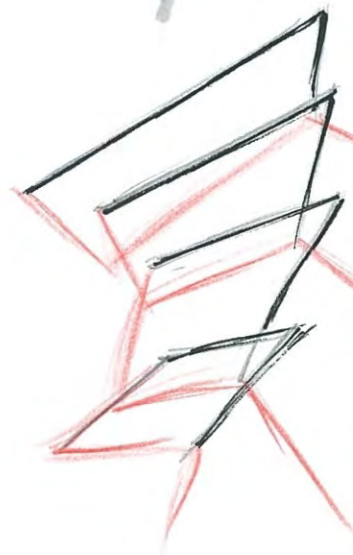
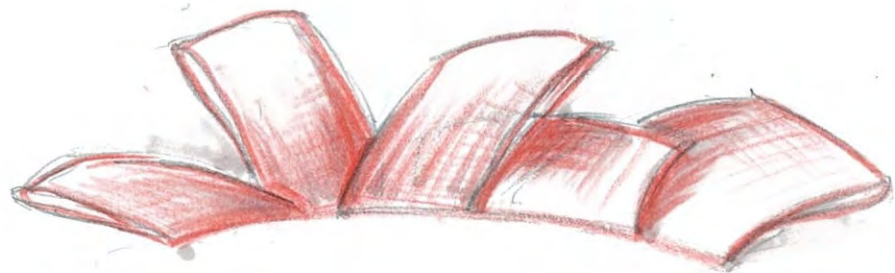
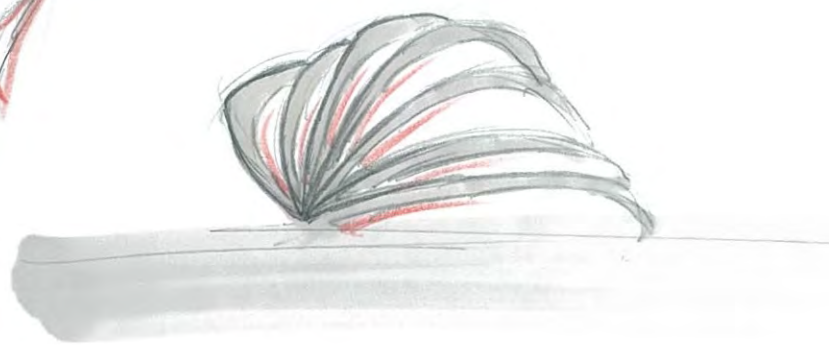
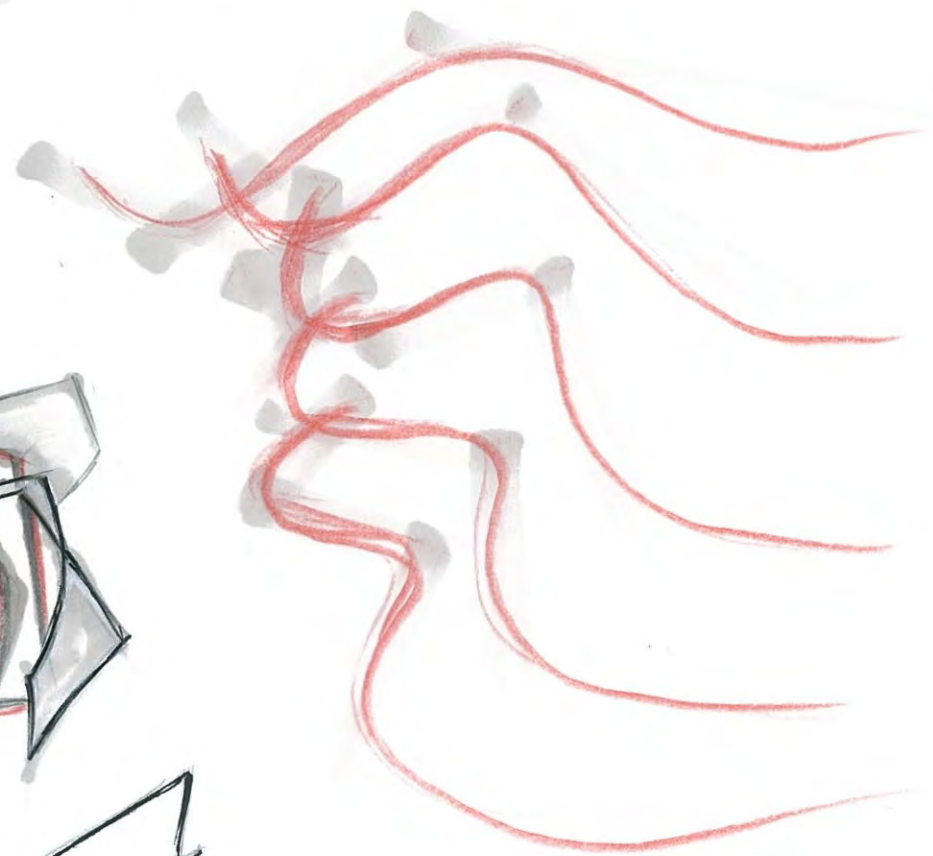
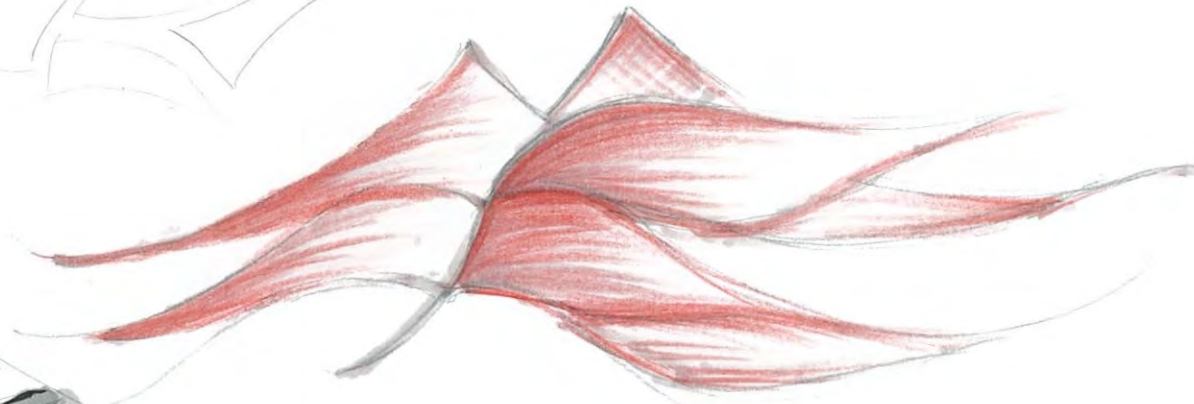
- Angular form
- Edgy style
- uses metallic materials
- Also used curved forms in his work
- Abstract



- can give a more sculptural aesthetic to the product

use of movable/separate seating

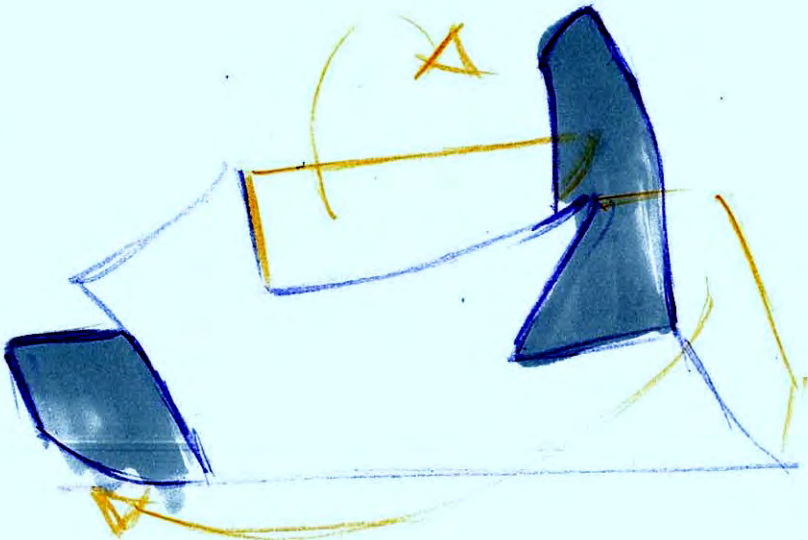
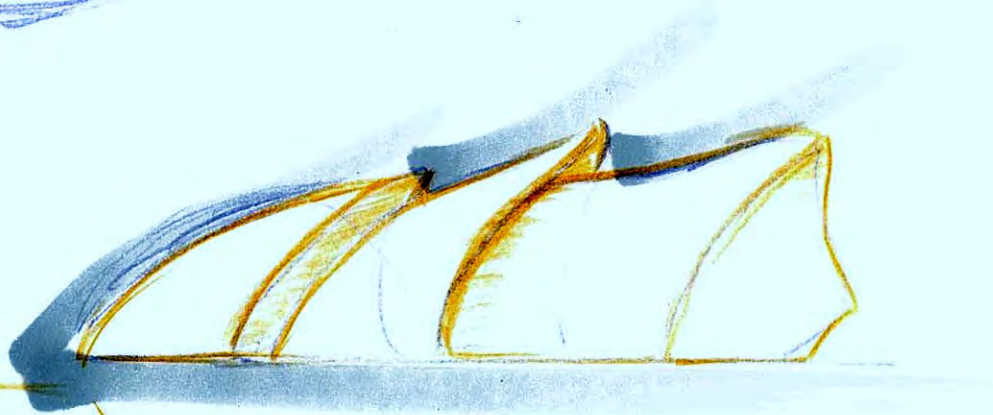
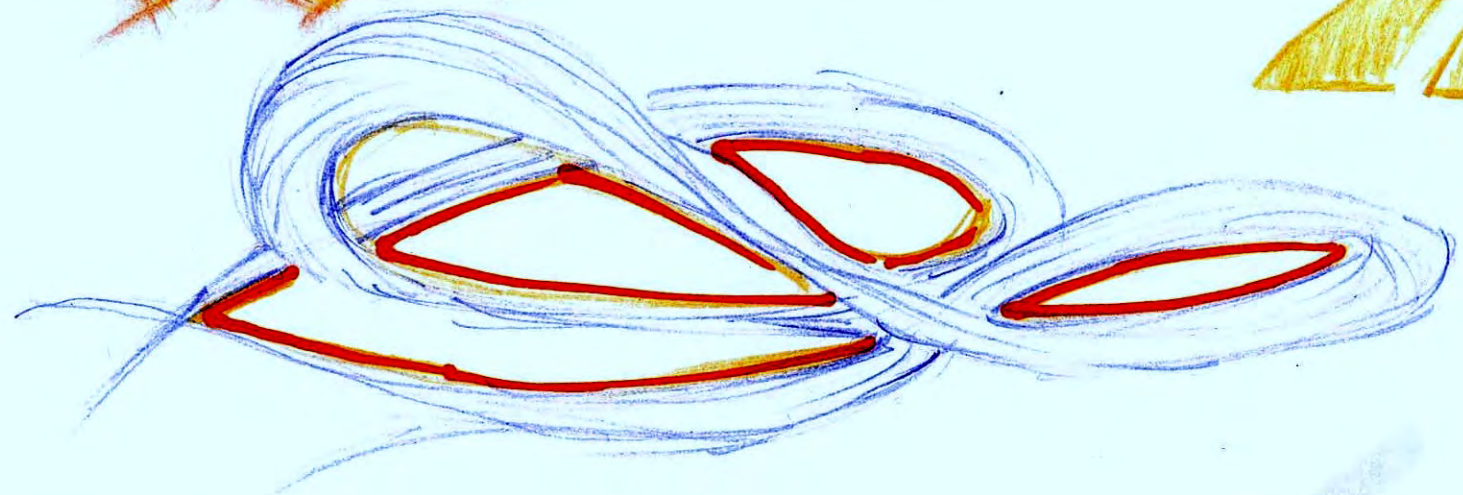
Possibly
- Look to incorporate designer style and Elements into the aesthetics of the couch although function may affect the use and application of designer style and inspiration.



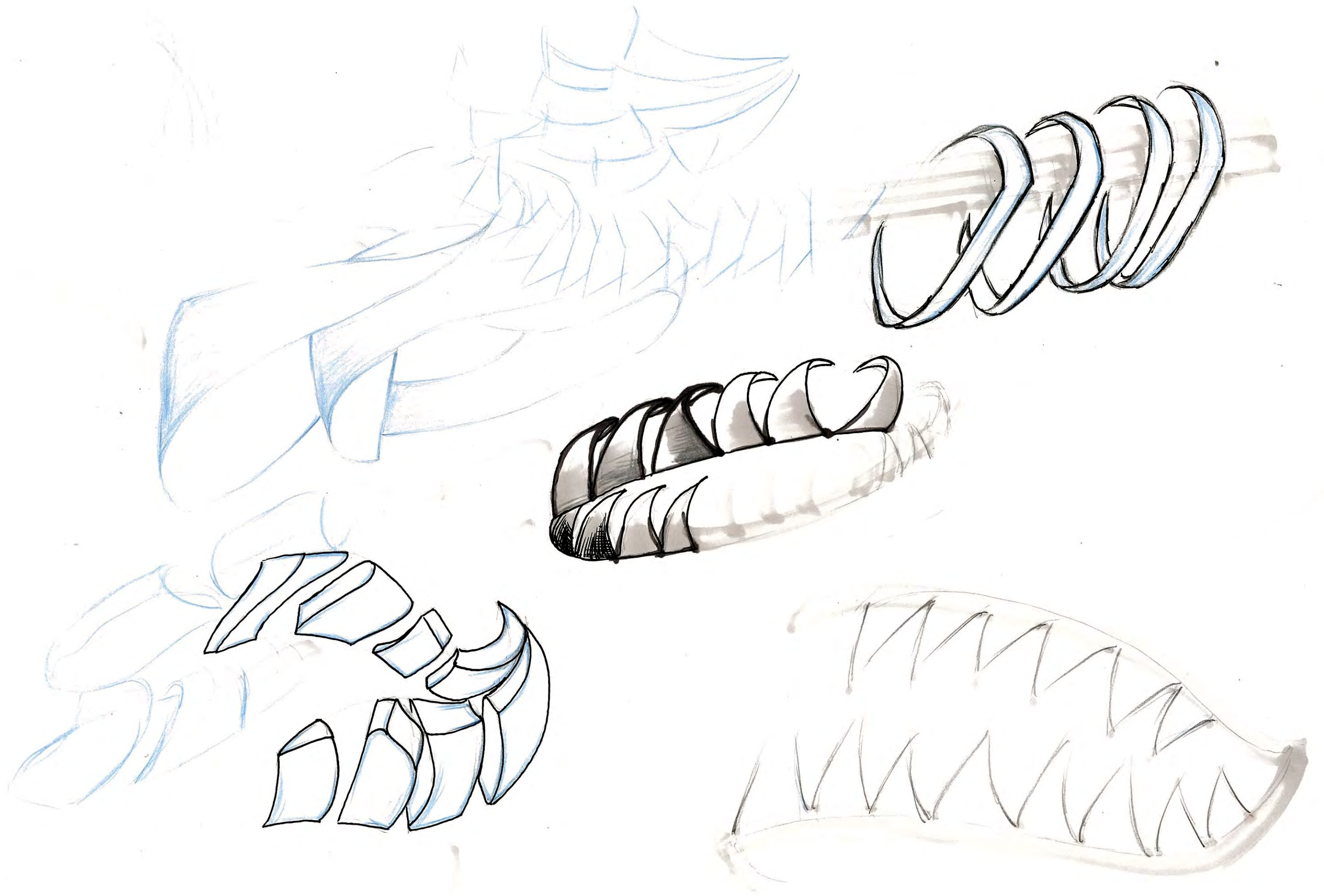




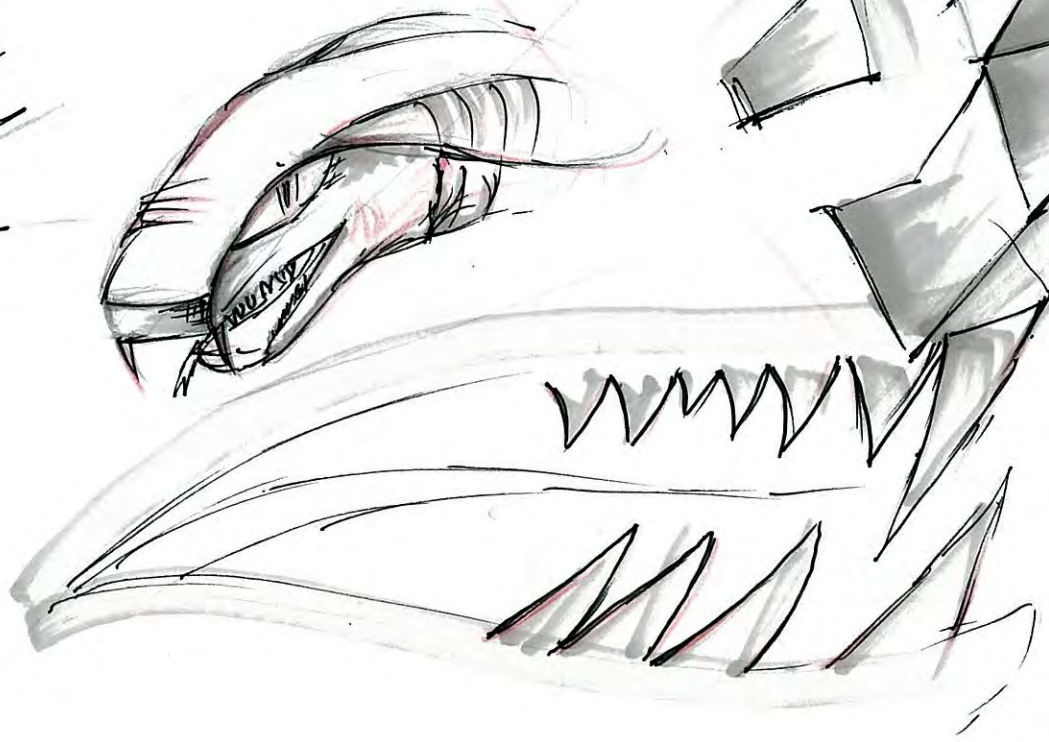
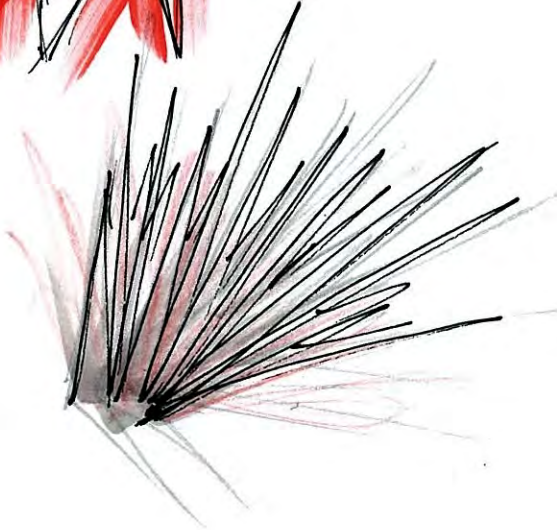
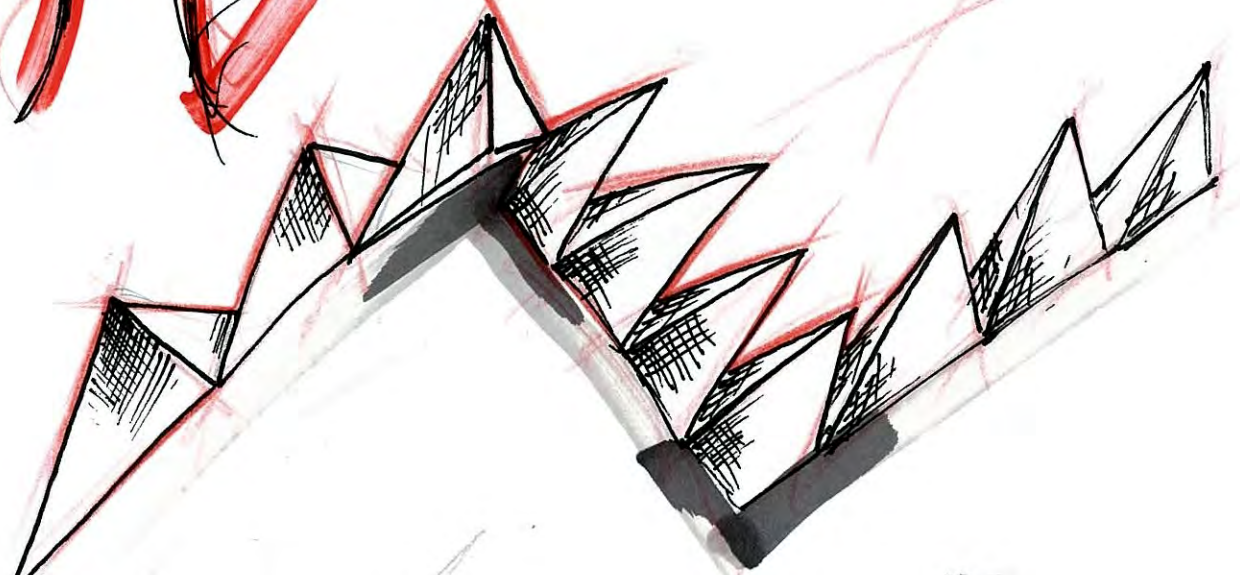
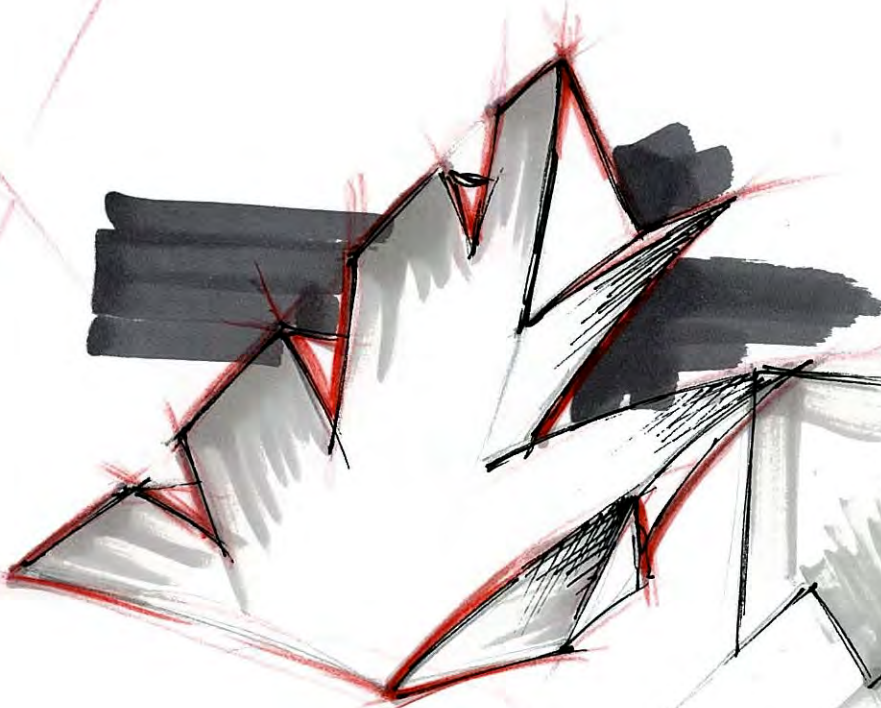
FRAYED
FLAX
STRANDS







AGRESSION





RIBBON FORM

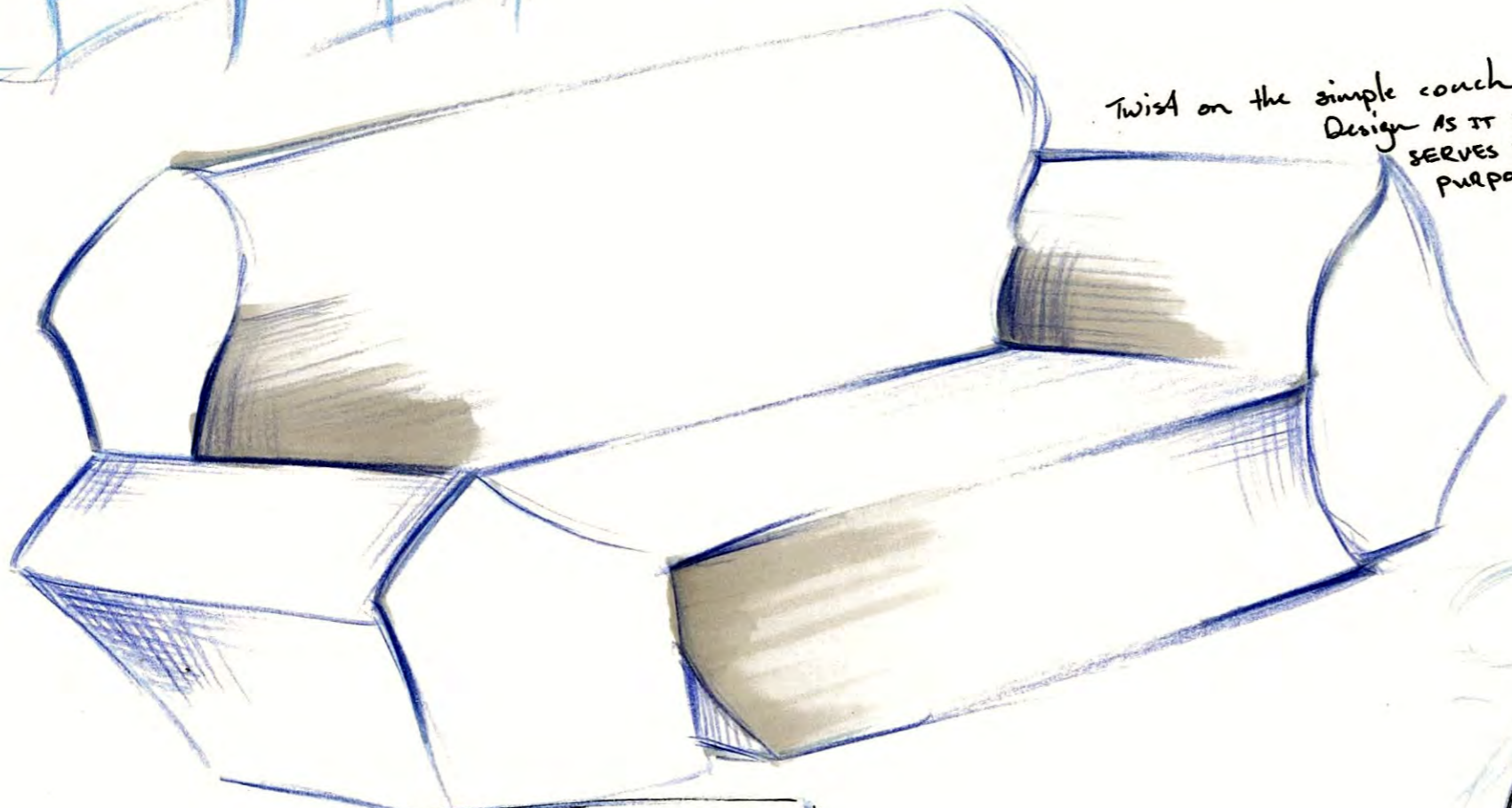
RIB STYLE B

Flax STRANDS

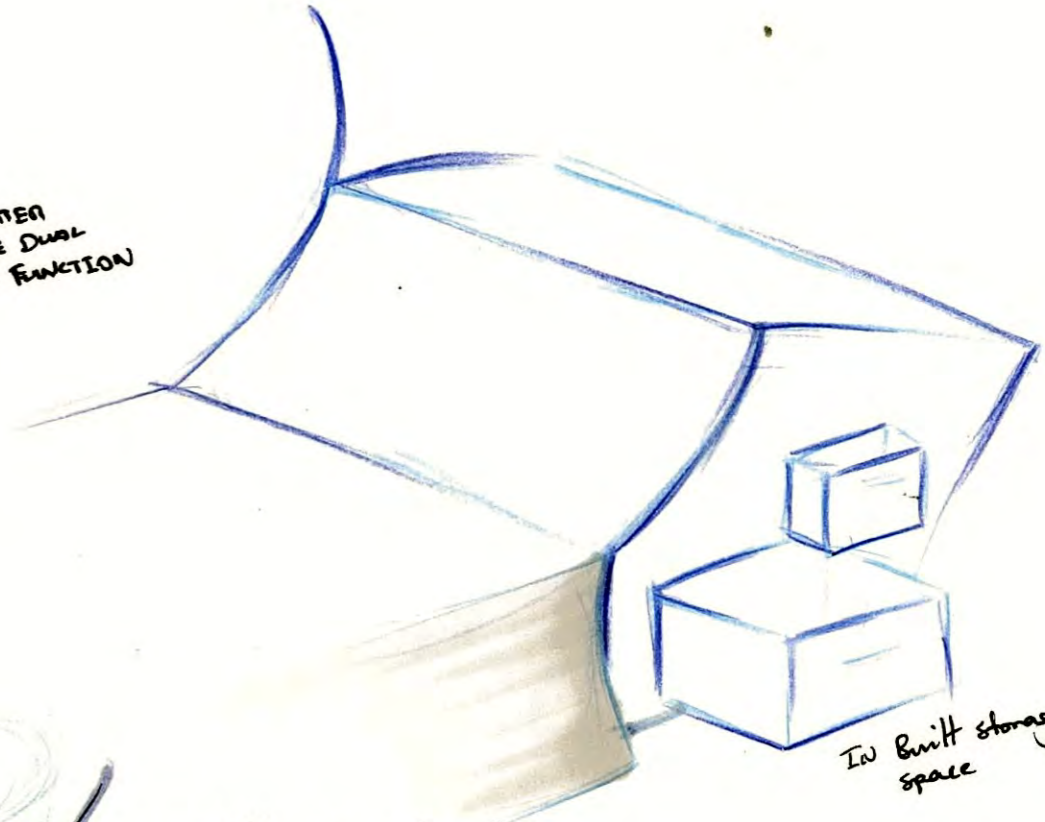
FREE FLOW CURVED FORMS

ABSTRACTED RIB STYLE

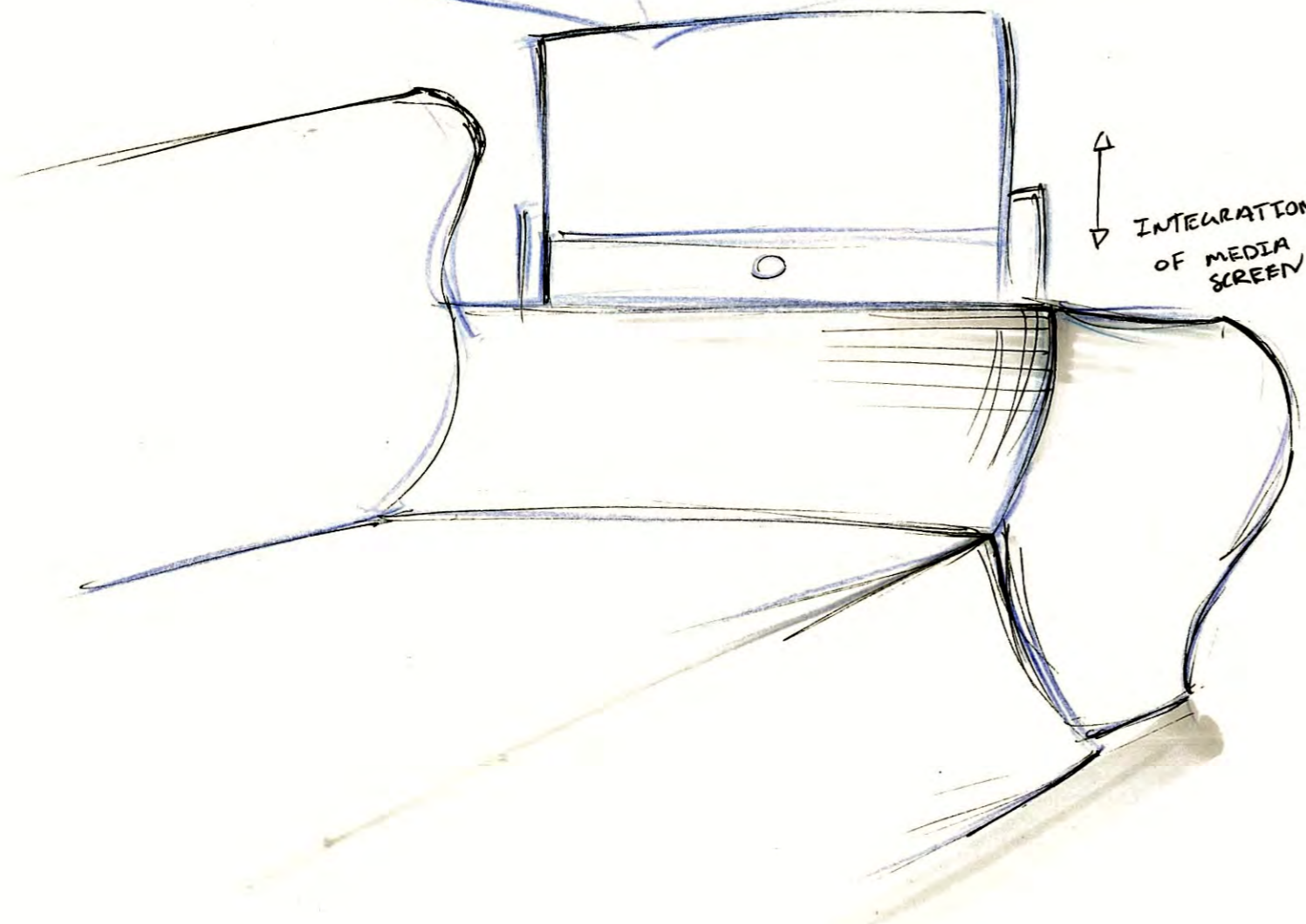
REFINEMENT



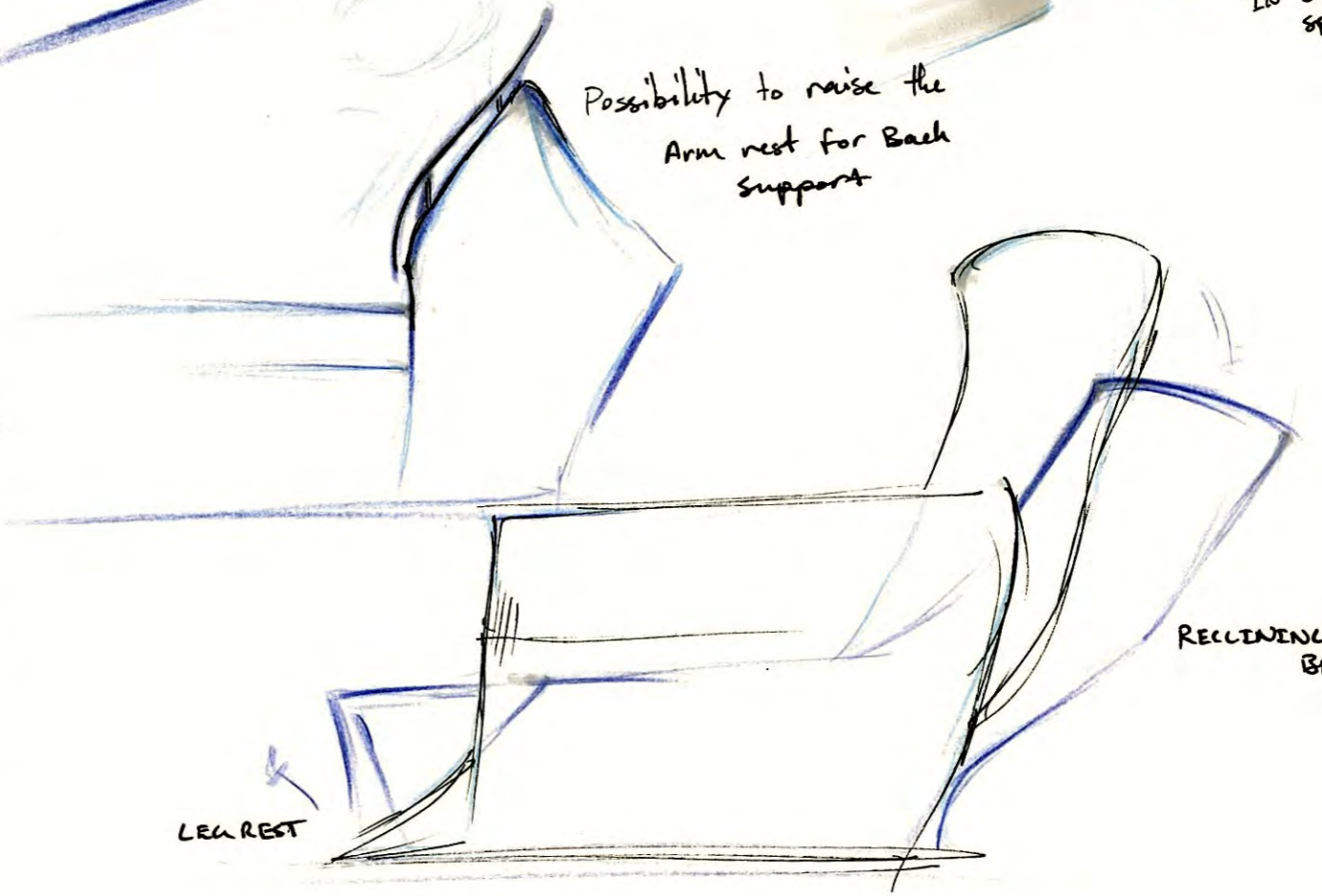
Twist on the simple couch
Design AS IT BETTER
SERVES THE DUAL
PURPOSE FUNCTION



In built storage
space



↑
INTEGRATION
OF MEDIA
SCREEN
↓

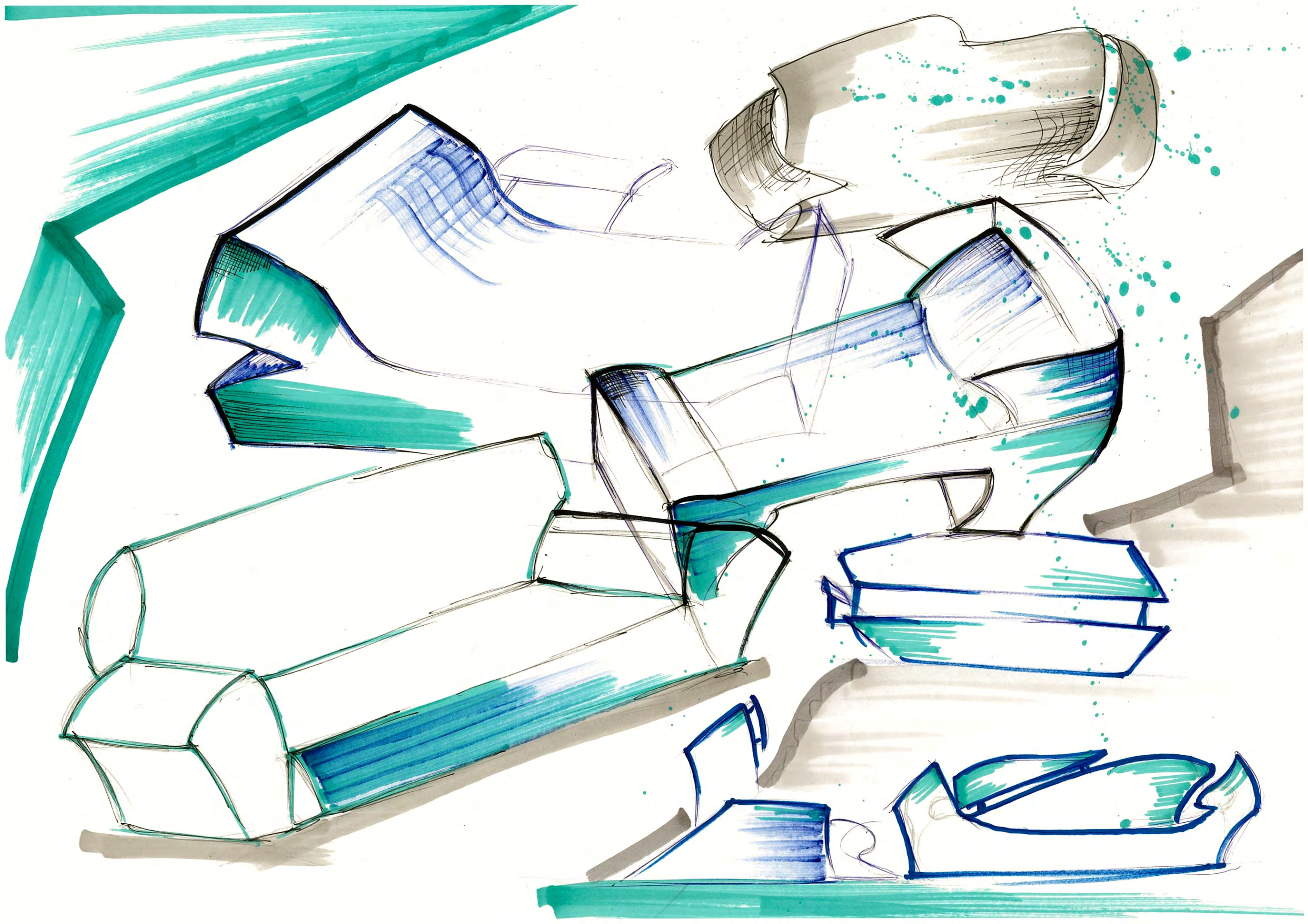


Possibility to raise the
Arm rest for Back
Support

RECLINING
BACK REST

LEG REST

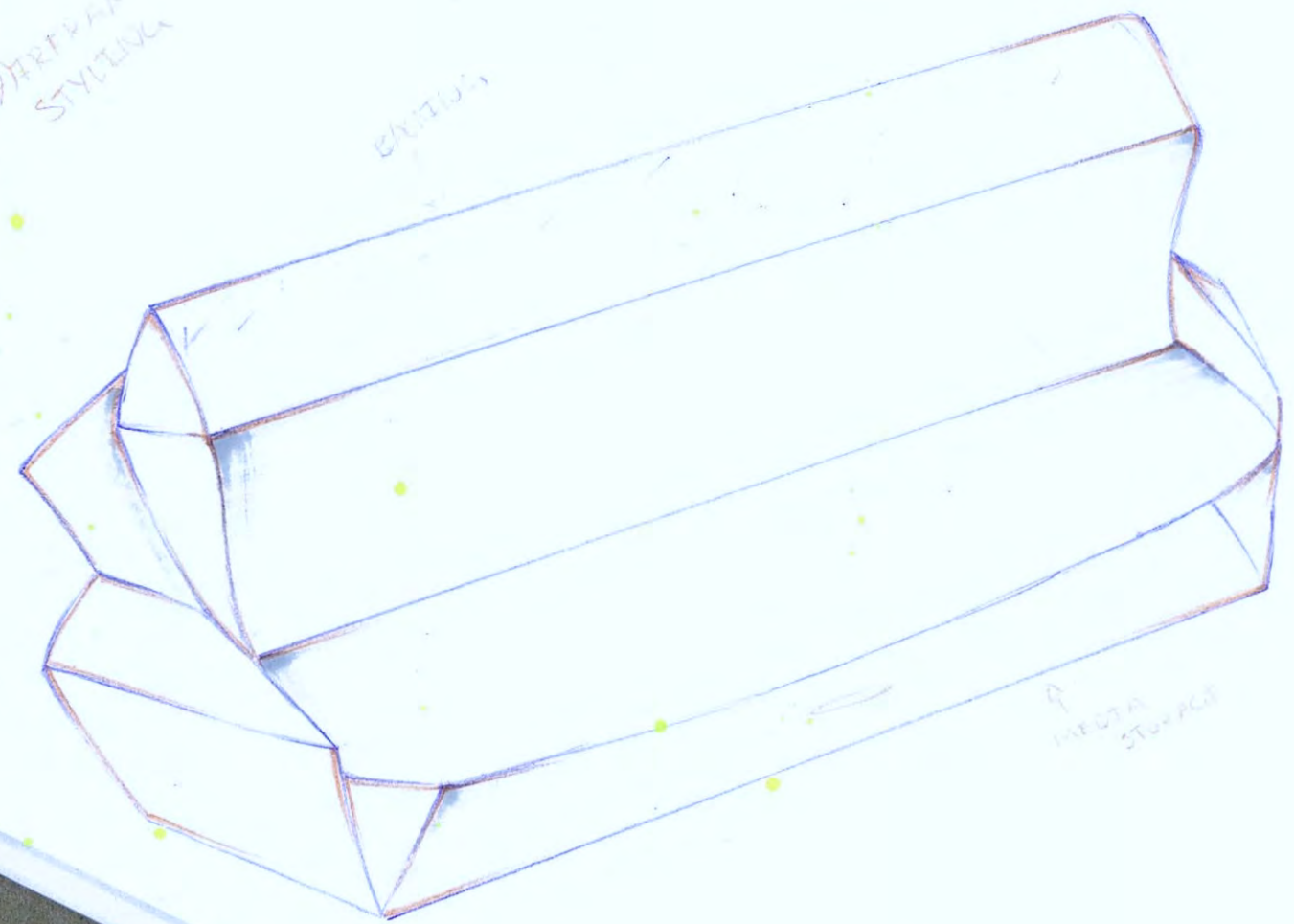
MOVE PARTS TO MAXIMIZE
SPACE





ADJUSTABLE
STYLING

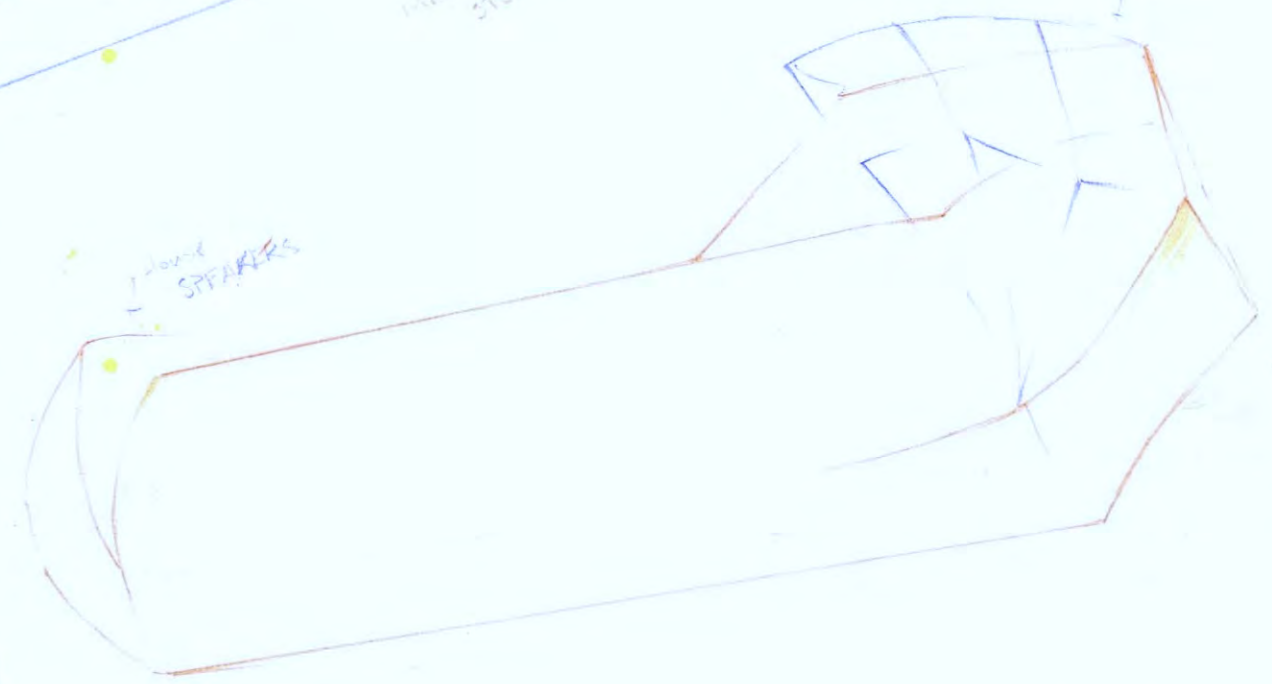
ENTRANCE



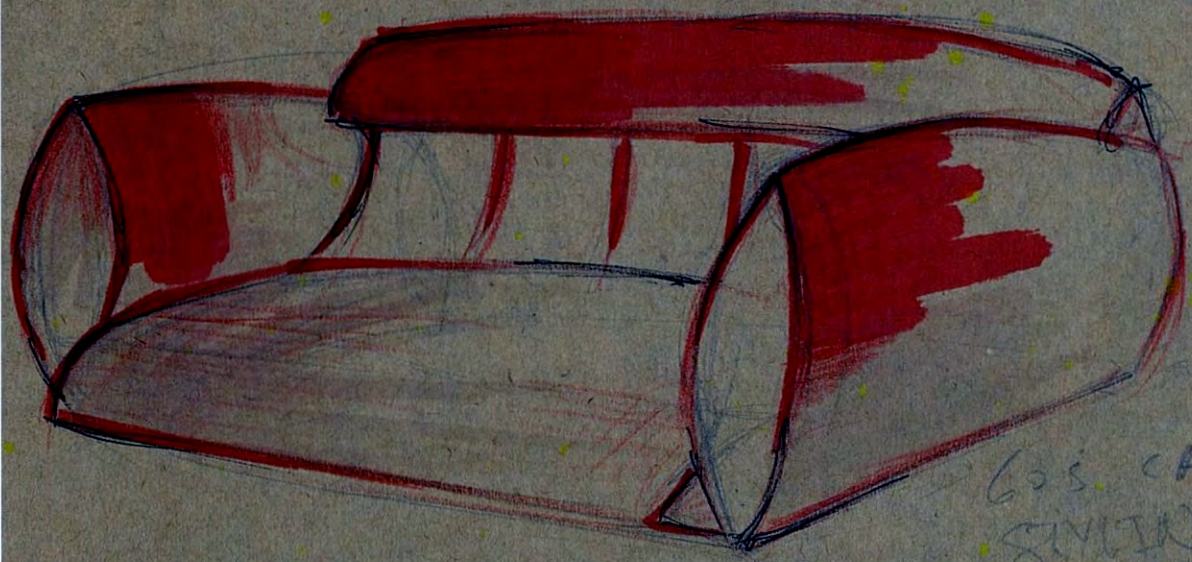
HEAD
STORAGE



POSTURE
SUPPORT



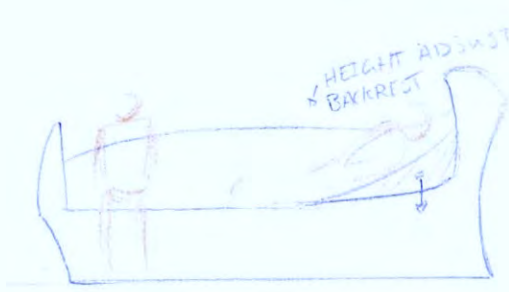
HEAD
STORAGE



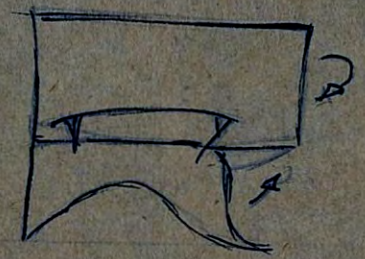
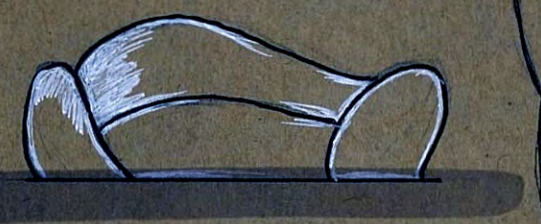
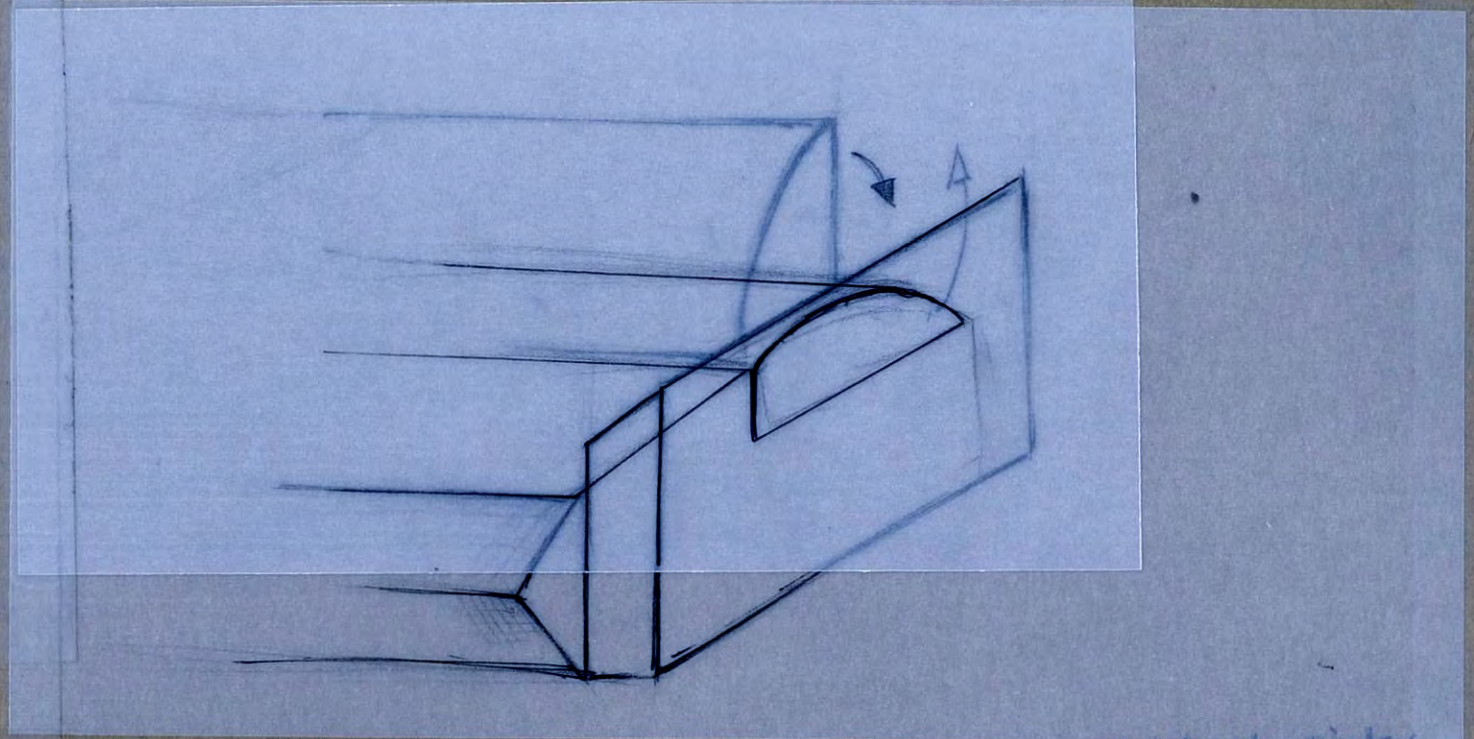
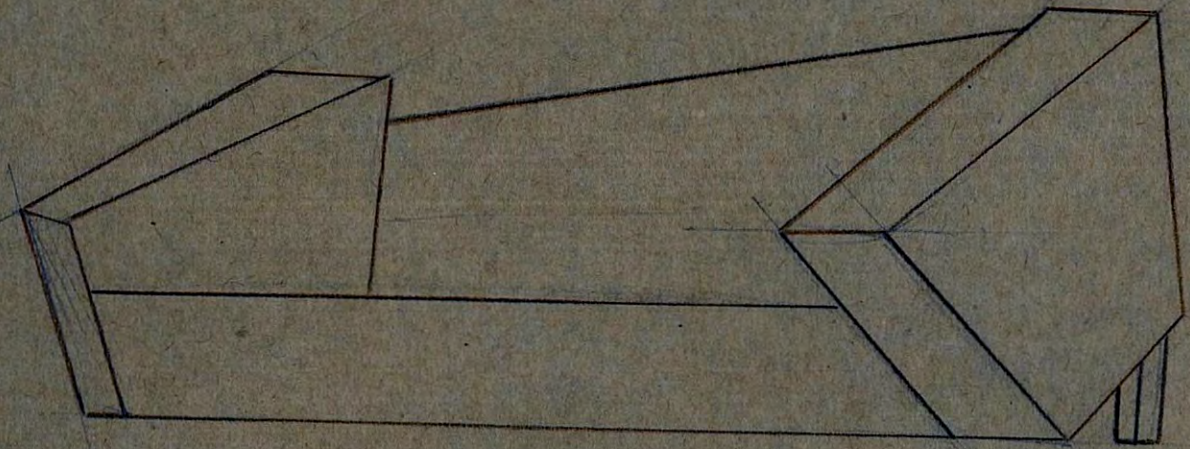
60% CAR
SEATING



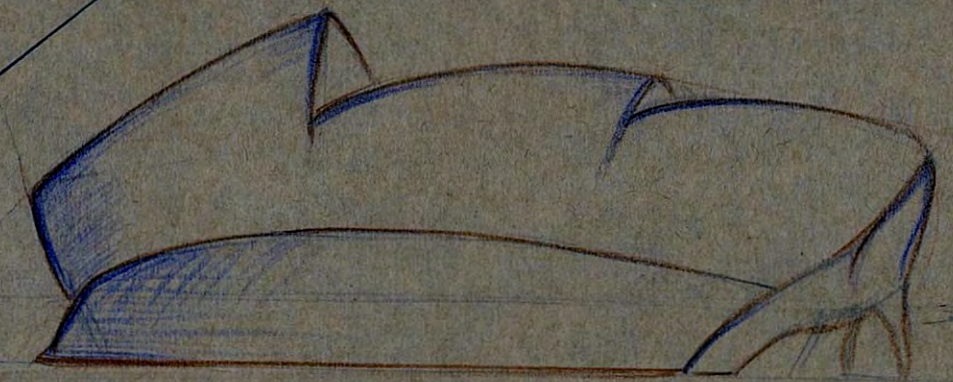
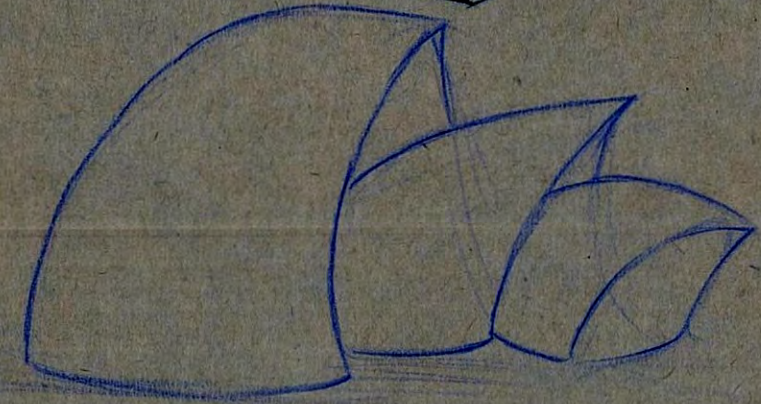
MINIMAL
SURFACE
AREA

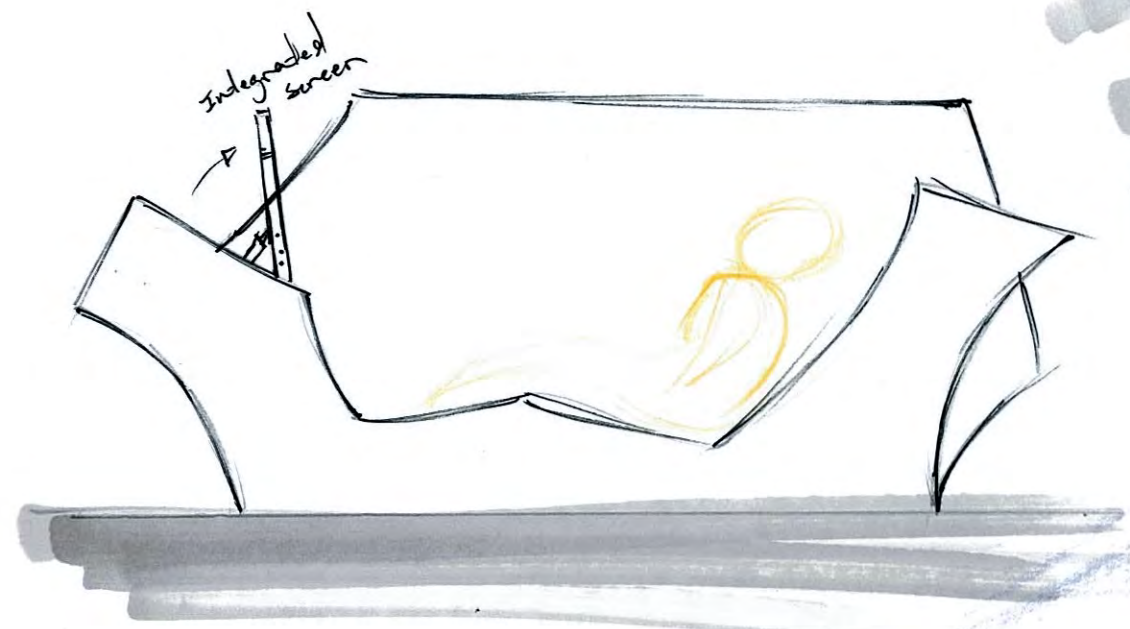
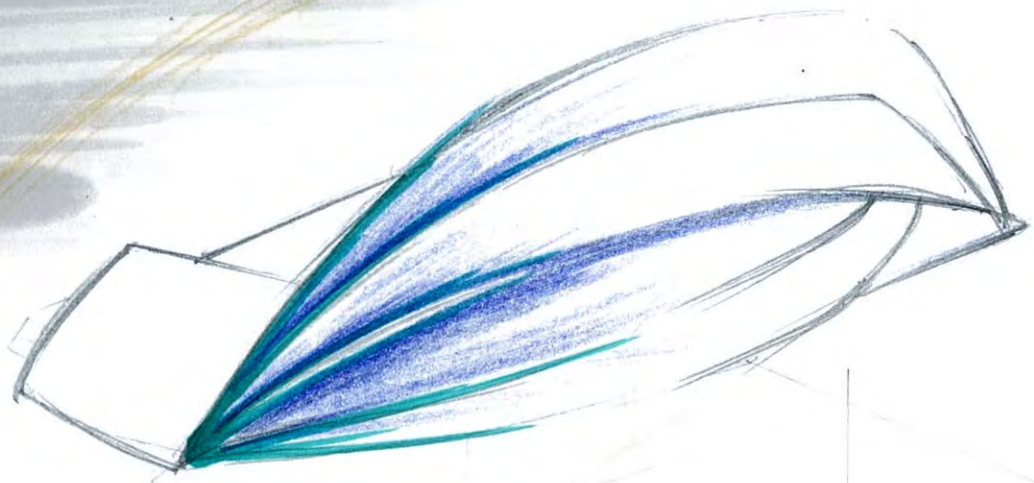


HEIGHT ADJUSTABLE
BACKREST

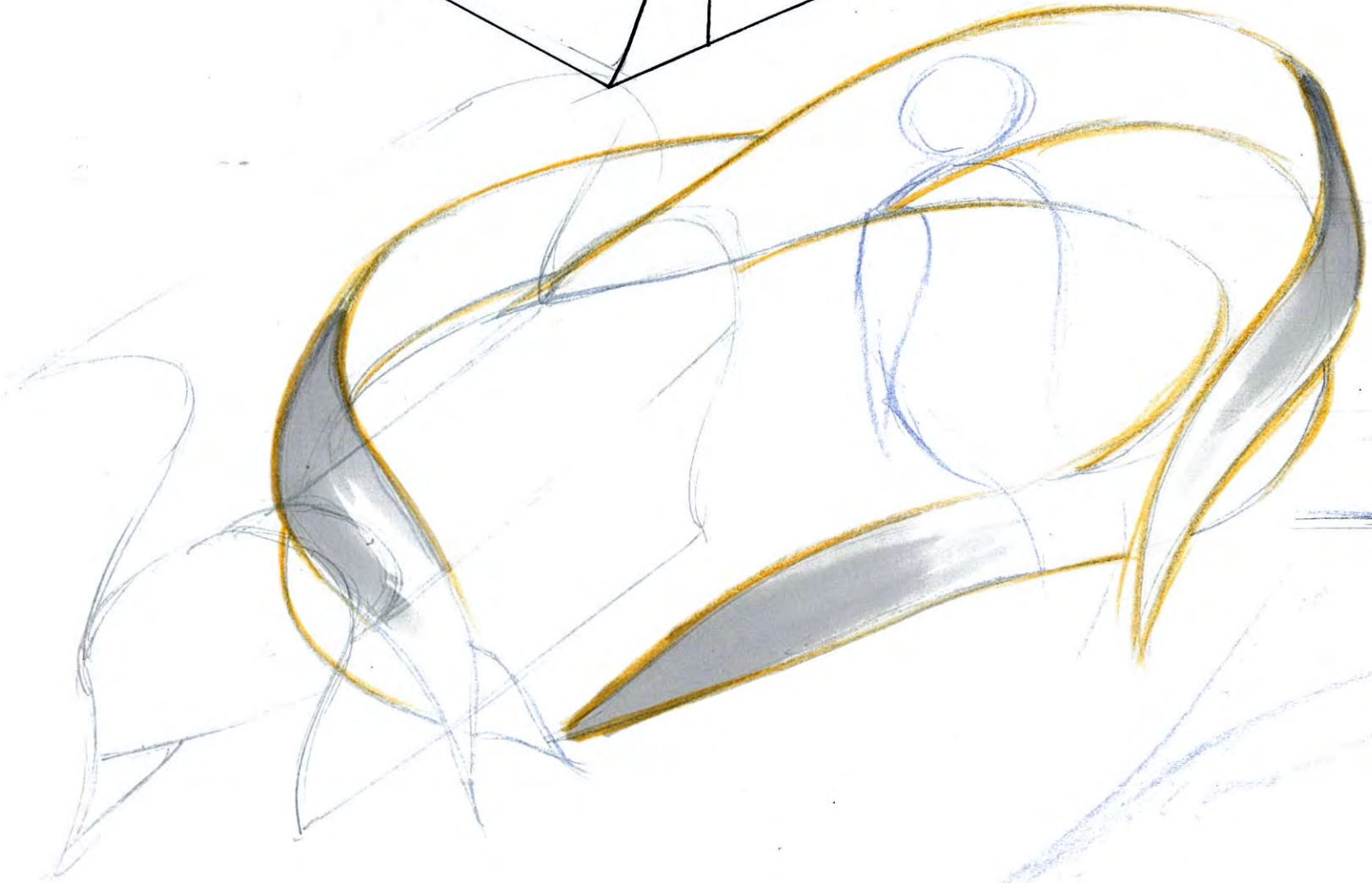
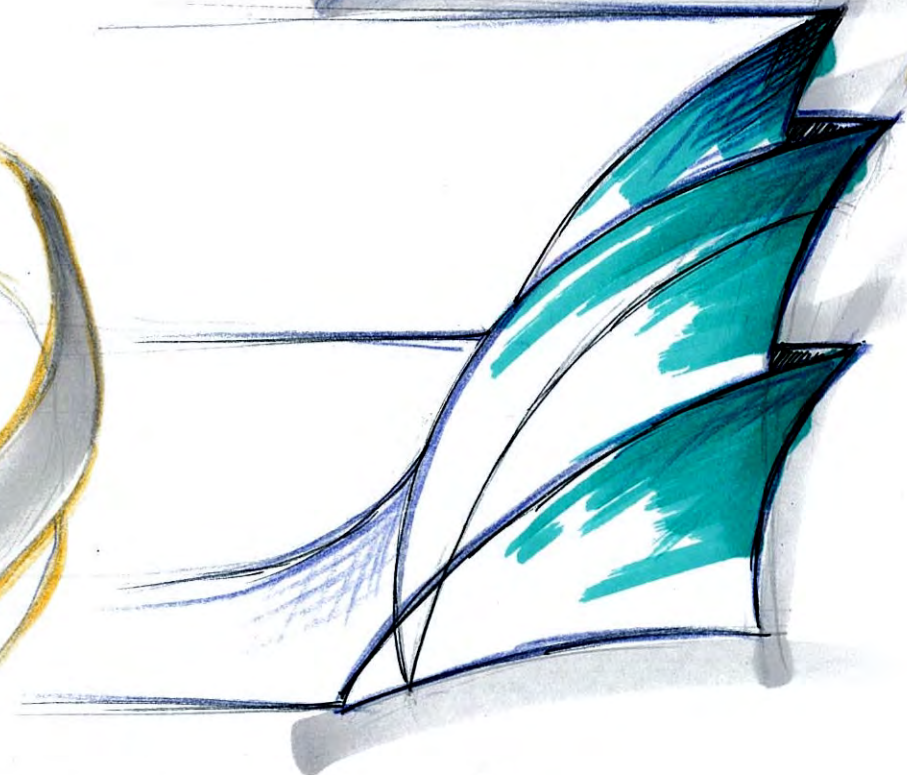
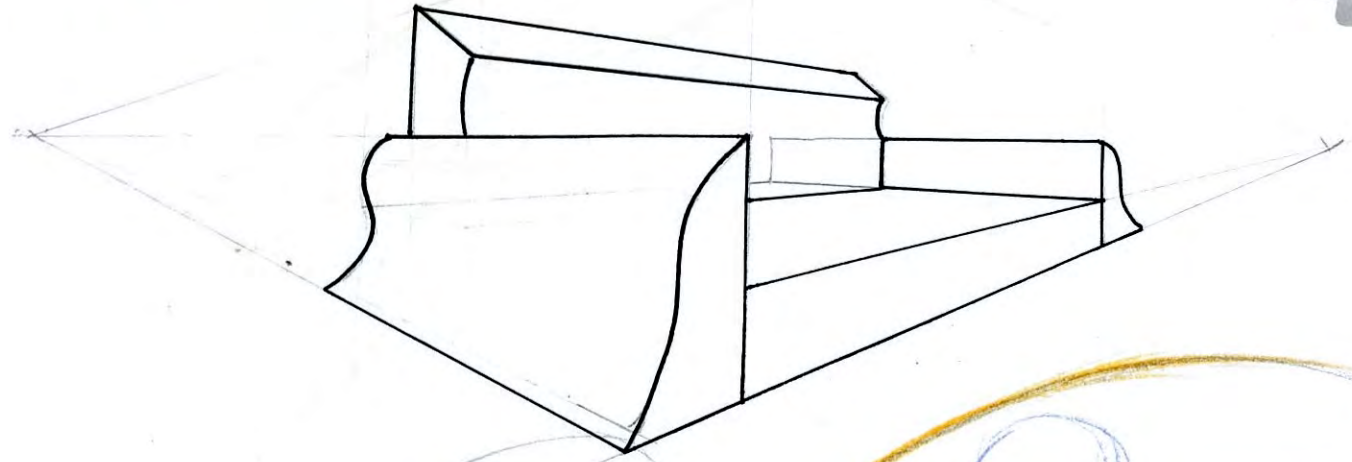


Rotates to Display Screen

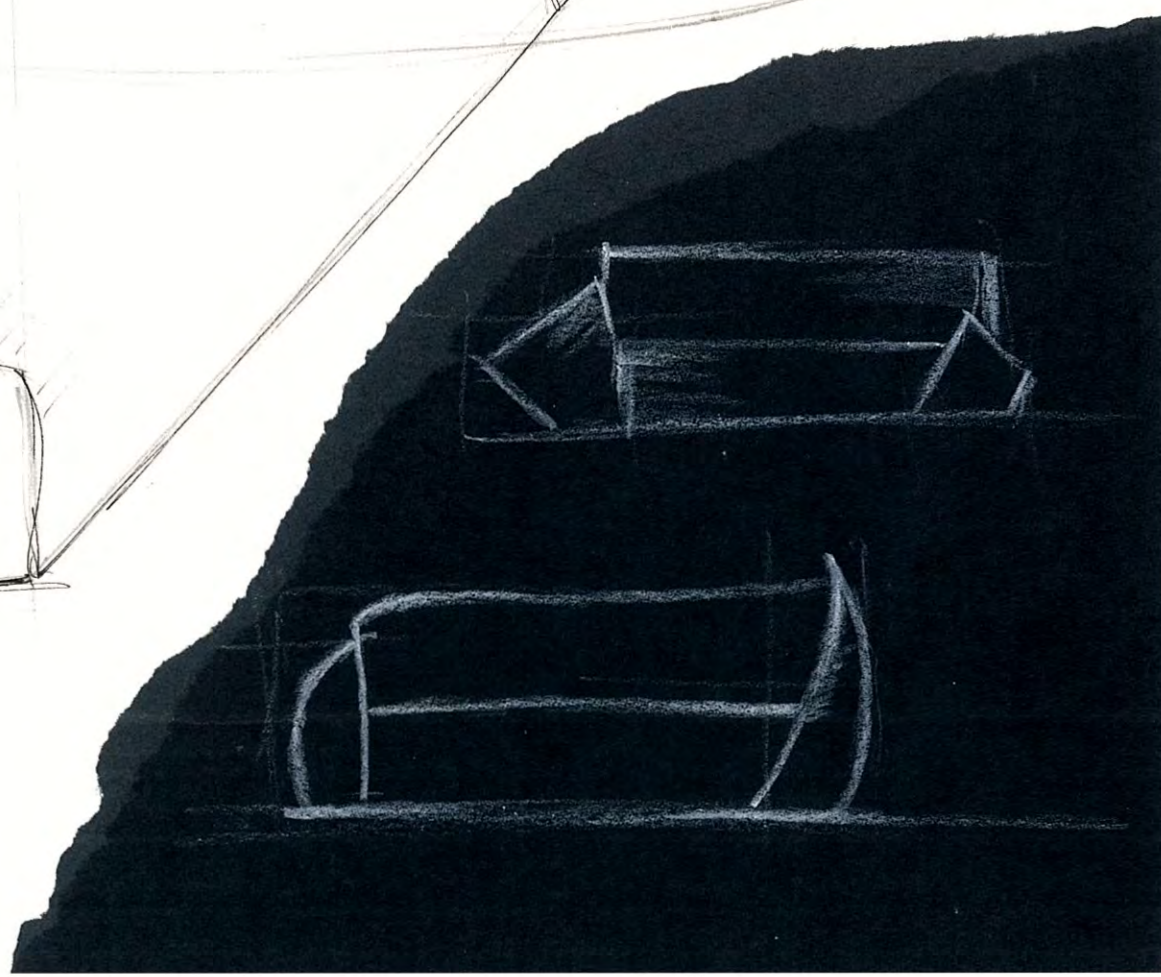
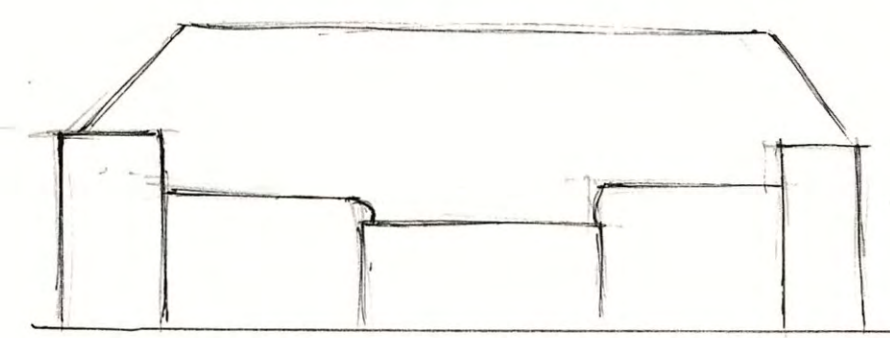
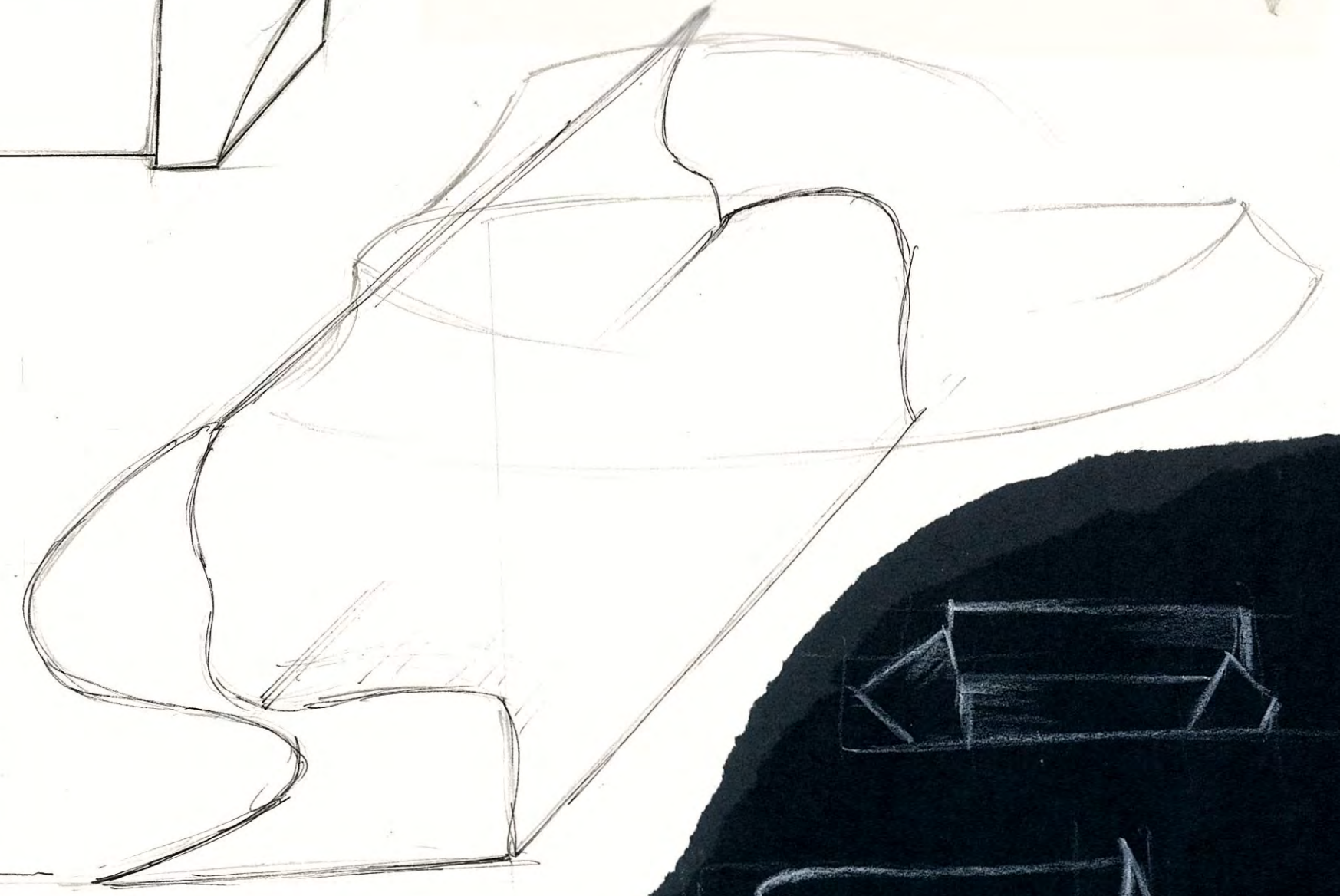
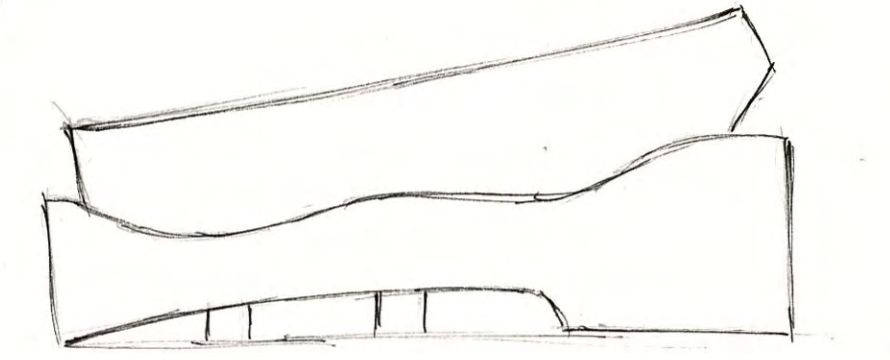
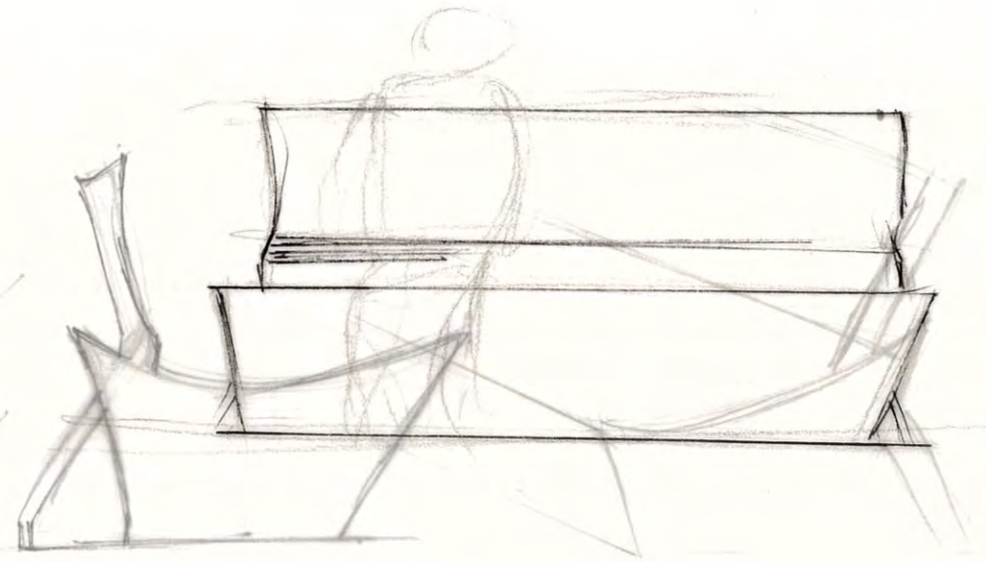




FORM



Form Concepts



OTHER Construction Method

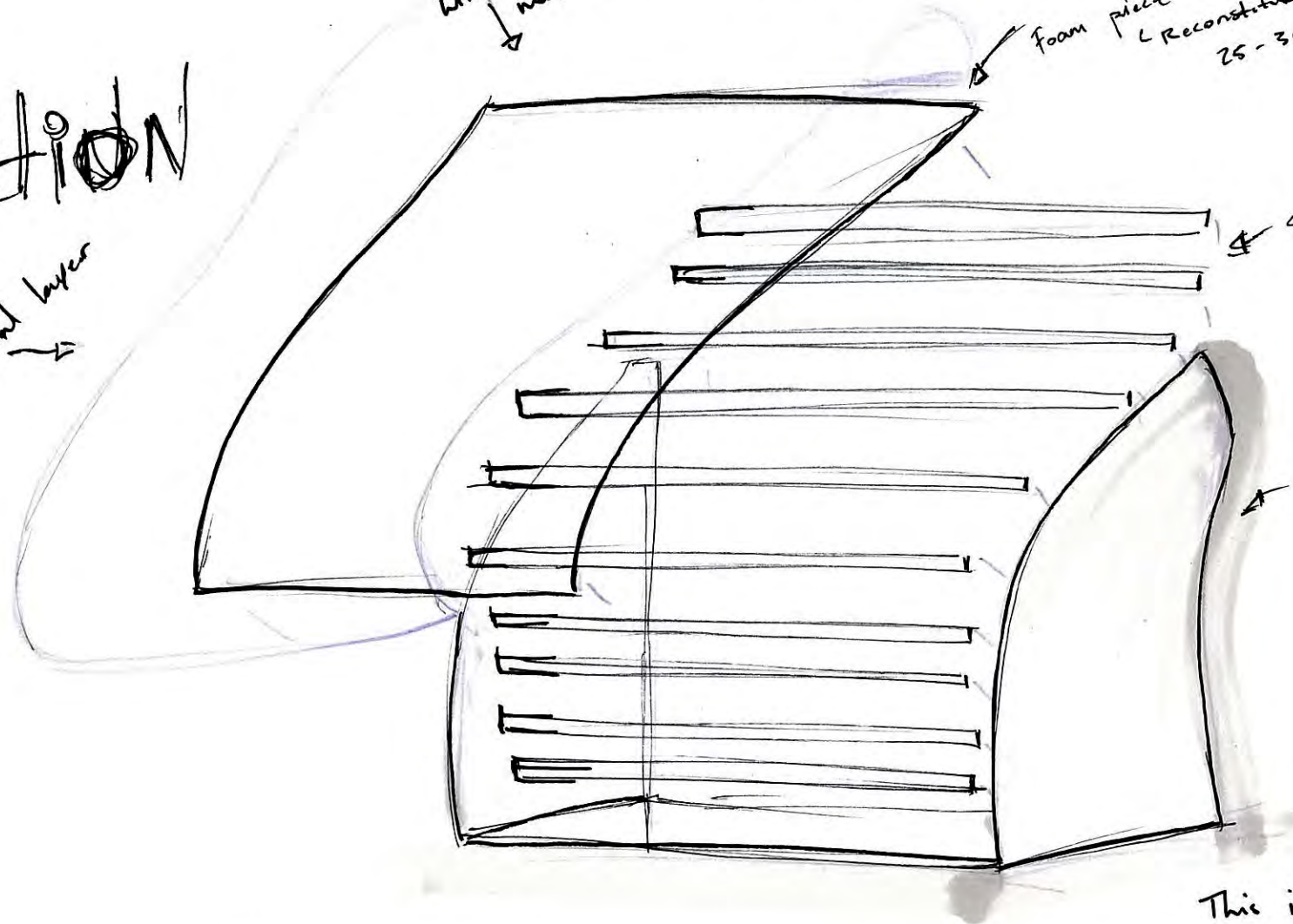
Material layer

with chosen material layer - would be machine sewn at both sides

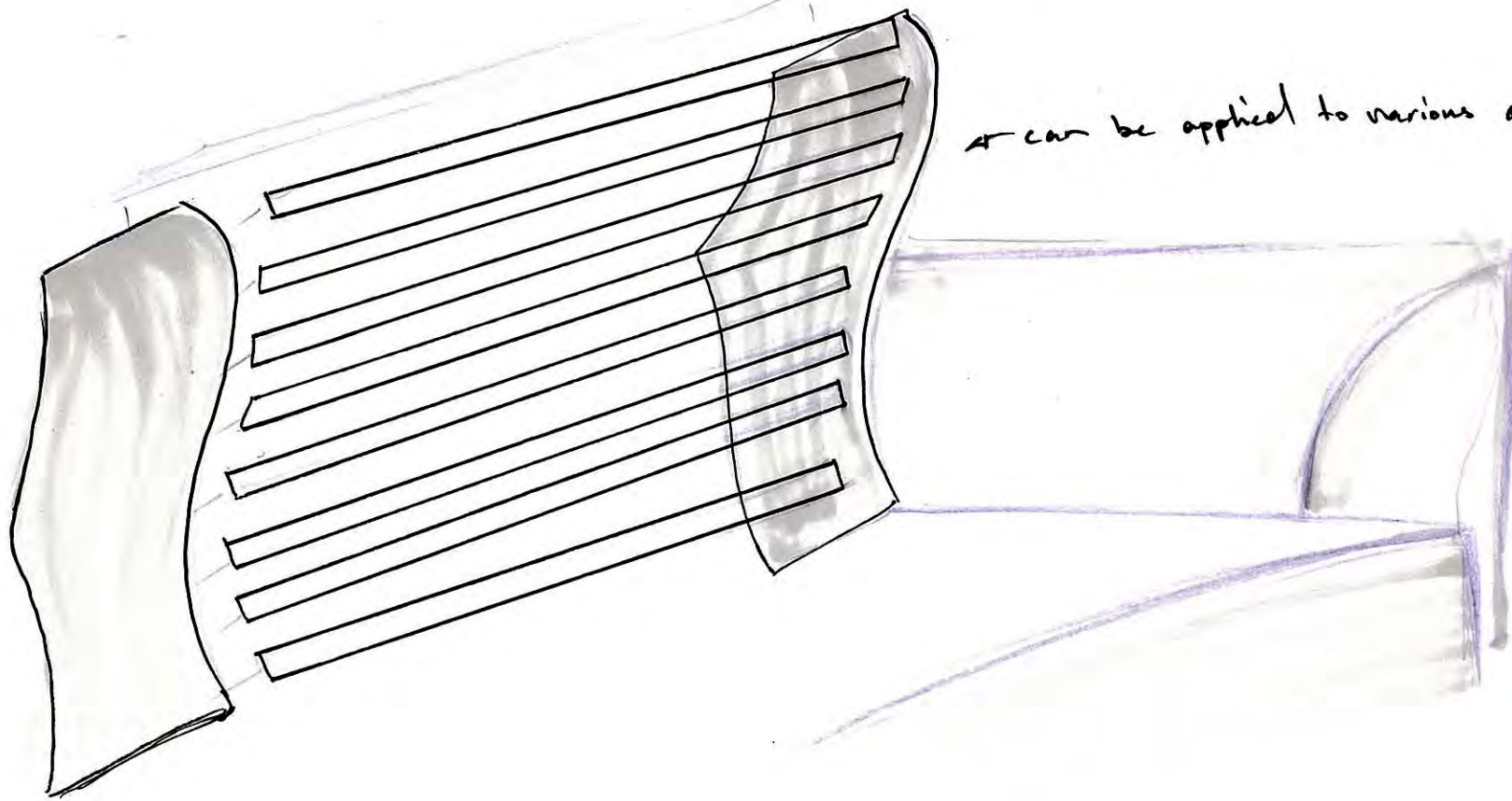
Foam piece
↳ Reconstituted foam
25-30mm thick

↳ slats - attached to the underside of the frame with metal clips

↳ Plywood frame - use the same high grade plywood as the other method



↳ can be applied to various aspects.

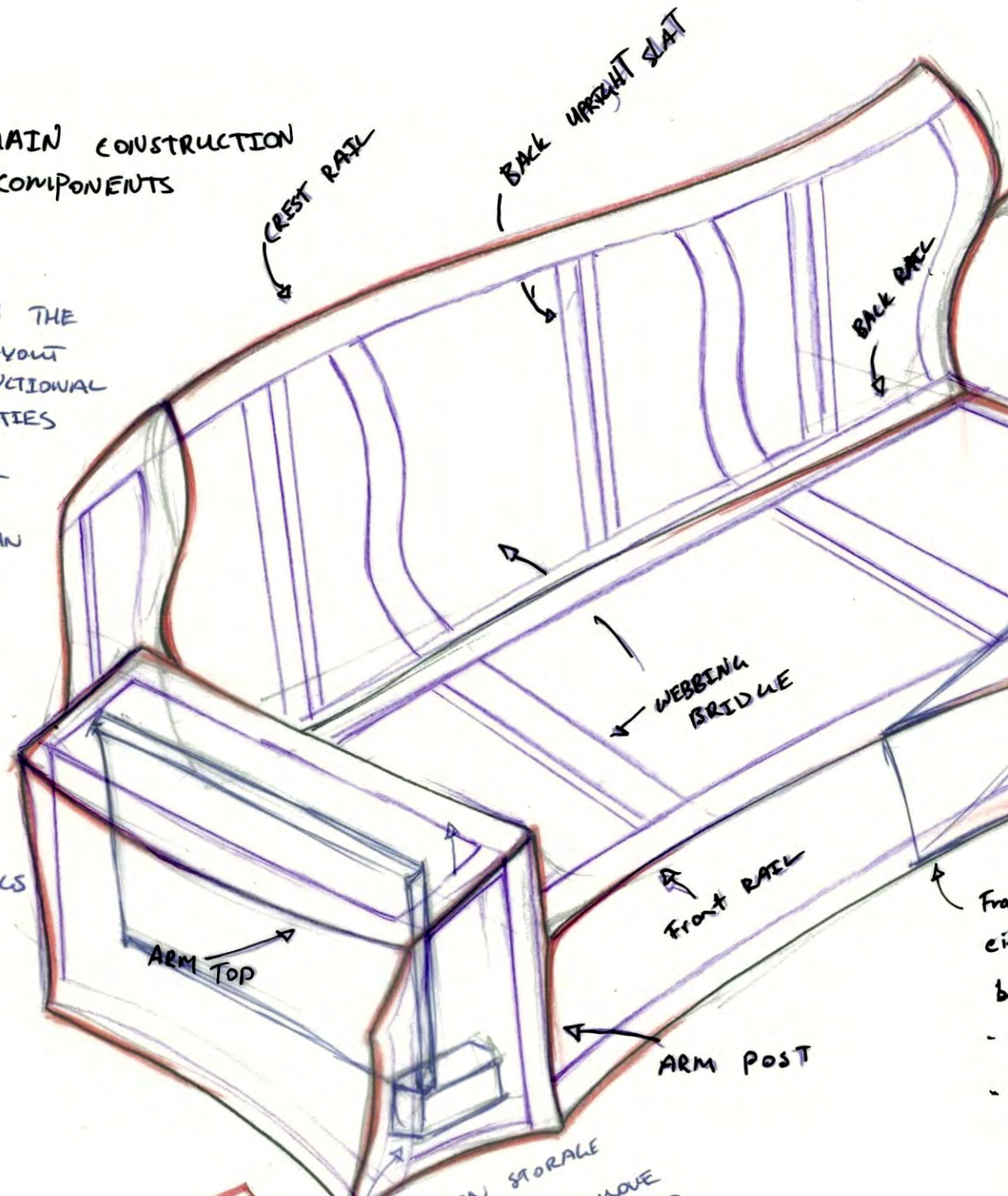


This is another possible construction method differing heavily from the standard process but can be easier in creating curved shapes.

This process could possibly be used with the standard process as well.

Kiln dried hardwood can also be used but is a much more expensive option.

MAIN CONSTRUCTION COMPONENTS



DECIDED TO STAY WITH THE CONVENTIONAL COUCH LAYOUT BUT WITH ADDED FUNCTIONAL AND AESTHETIC PROPERTIES

THIS DESIGN BETTER SUITS THE DUAL PURPOSE FUNCTION THAN OTHER CONCEPTED DESIGNS

BECAUSE BECAUSE OF THE BEDROOM ENVIRONMENT IT IS INTENDED FOR. THE DESIGN FAVORS A SIMPLER STYLE IN ORDER TO FIT IN AND NOT STAND OUT AMONGST OTHER FURNISHINGS

CURVED TO BETTER SUIT THE HUMAN BACK WHEN LYING LENGTHWAYS WHEN RELAXING OR WATCHING TV SCREEN

Leather - Easily cleaned, not affected by pet hair but can be damaged easily by sharp objects such as claws. Each part is padded separately in the chosen material.

Cotton - has a nice look to it but is not stain resistant or durable and wears fairly quickly

linen - similar to cotton, good options for homes without pets, used in a more formal setting

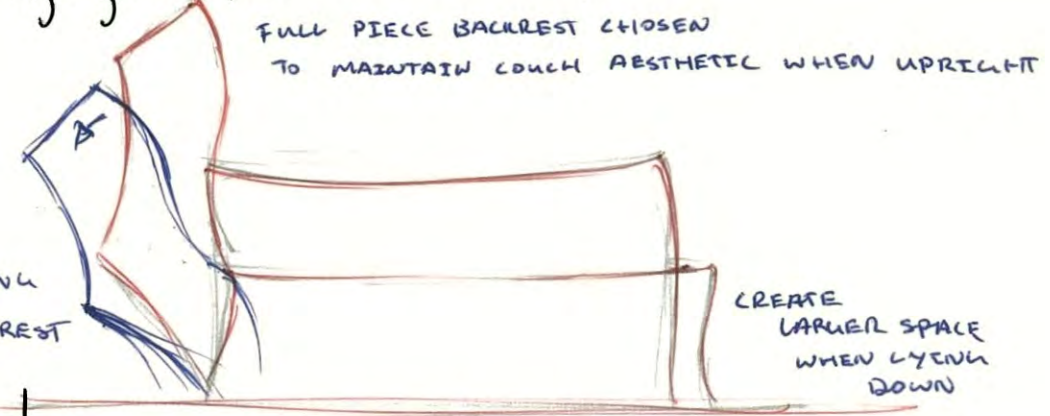
Wool - durable and good looking however is more expensive and fairly heavy. PROTRUSION FURTHER OUTWARDS AT THIS END, TO ACCOMMODATE THE GREATER AREA TAKEN UP BY HIPS - UPPER BODY

Microfibre - fine polyester, soft, durable, easy to clean does not allow pet hair to stick.

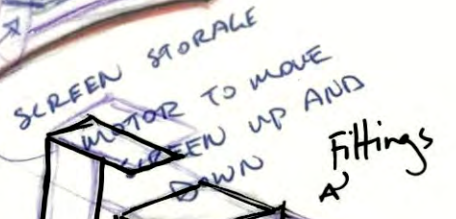
Frame to be constructed either kiln dried ~~ply~~ Hardwood or bent plywood. Acrylics - resemble wool and is soft to the touch. High grade plywood has similar properties

- possible use of recycled ~~wood~~ option
- Looking to use microfibre or Acrylics as the most viable option
- most likely plywood will be used as high grade plywood has similar properties

FULL PIECE BACKREST CHOSEN TO MAINTAIN COUCH AESTHETIC WHEN UPRIGHT



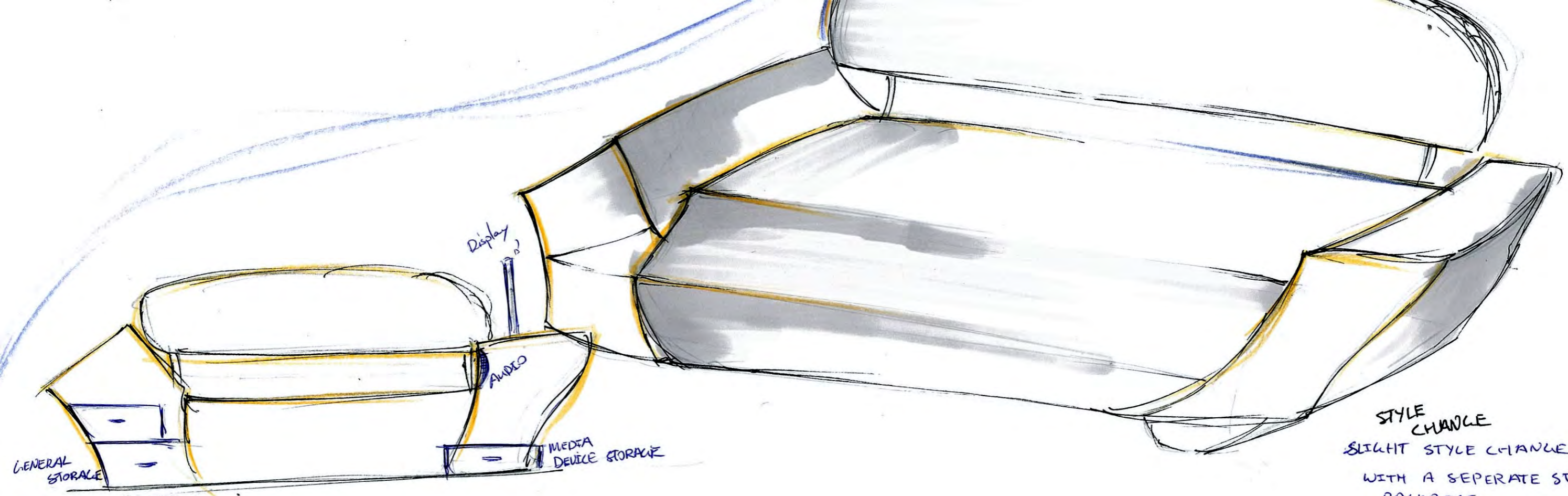
RECLINING BACKREST MAXIMIZES SPACE TO PROVIDE GREATER COMFORT WHEN USED FOR MEDIA PURPOSES



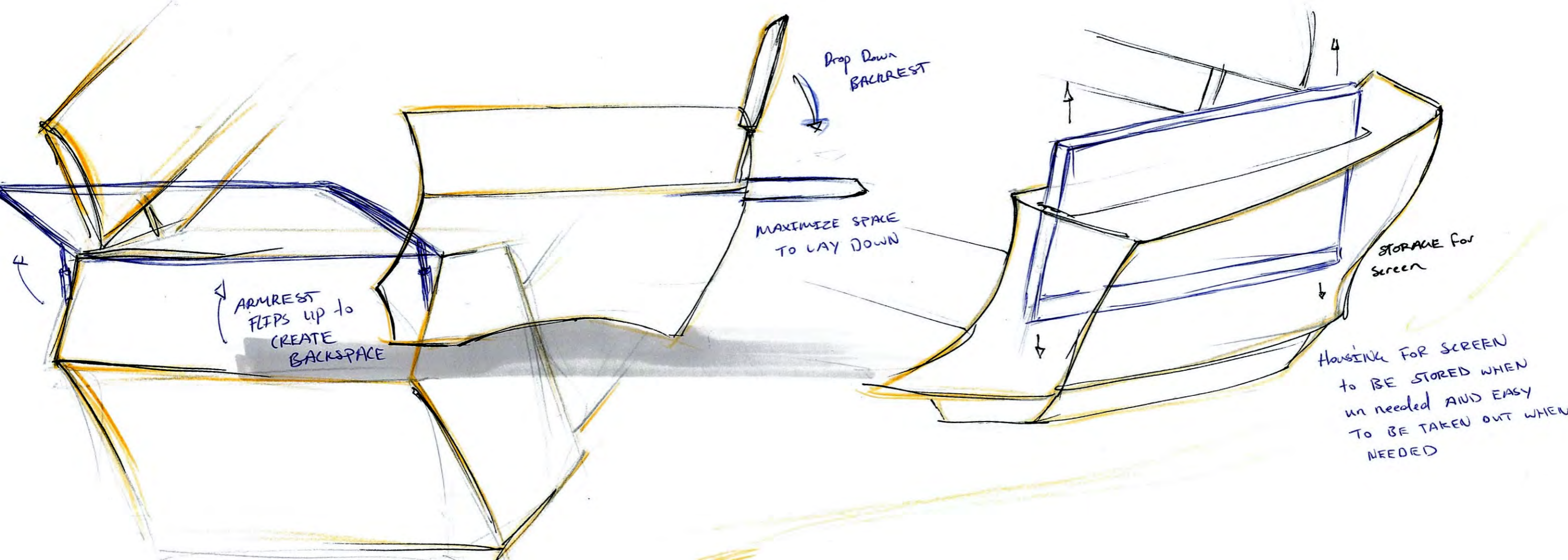
Fitted together with double dowel glue joints reinforced with corner braces, glued and screwed into place

BACK SIDE

POWER INPUT FOR MEDIA DEVICES



STYLE CHANGE
SLIGHT STYLE CHANGE
WITH A SEPERATE STYLE
BACKREST



ARMREST FLIPS UP TO
CREATE BACKSPACE

Drop Down
BACKREST
MAXIMIZE SPACE
TO LAY DOWN

STORAGE FOR
SCREEN

HOUSING FOR SCREEN
TO BE STORED WHEN
UN NEEDED AND EASY
TO BE TAKEN OUT WHEN
NEEDED