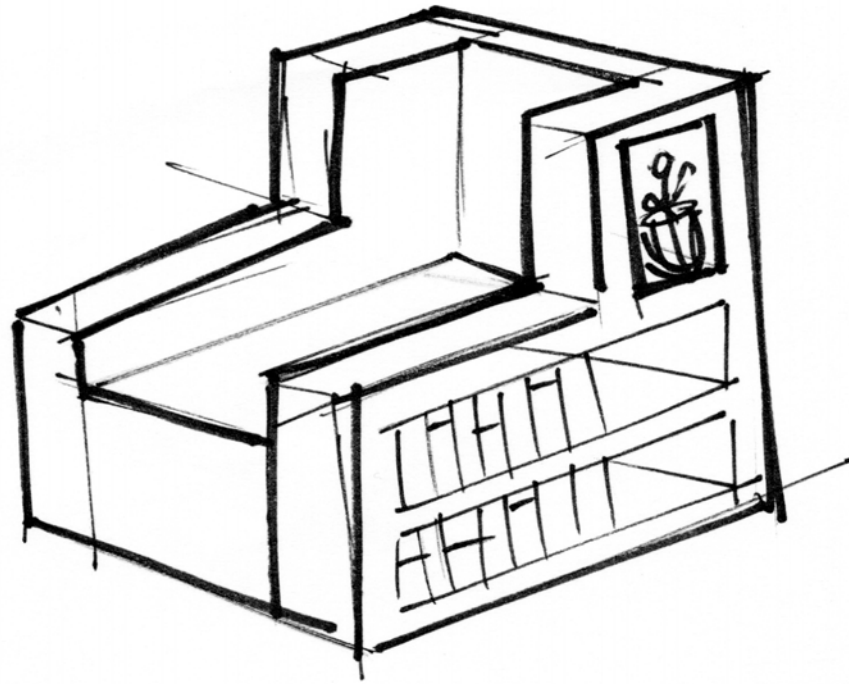


LIMINAL

Jackie Cunningham | Industrial Design 27'
Sophomore Simple Furniture Studio | Fall 2023

LIMINAL

From the Latin word 'limen', which means threshold. A liminal space is the time between 'what was' and 'next.' **It is a place of transition**, a time of waiting and not knowing the future.



HOW?

- CREATE A CHAIR + LIBRARY COMBO THAT SHOWCASES BOOKS AS DECOR
- CHAIR FITS IN SMALL SPACE (CORNER)
- CHAIR AESTHETICS CREATE A COSY ENVIRONMENT

WHO?

ME! "Y"

WHAT?

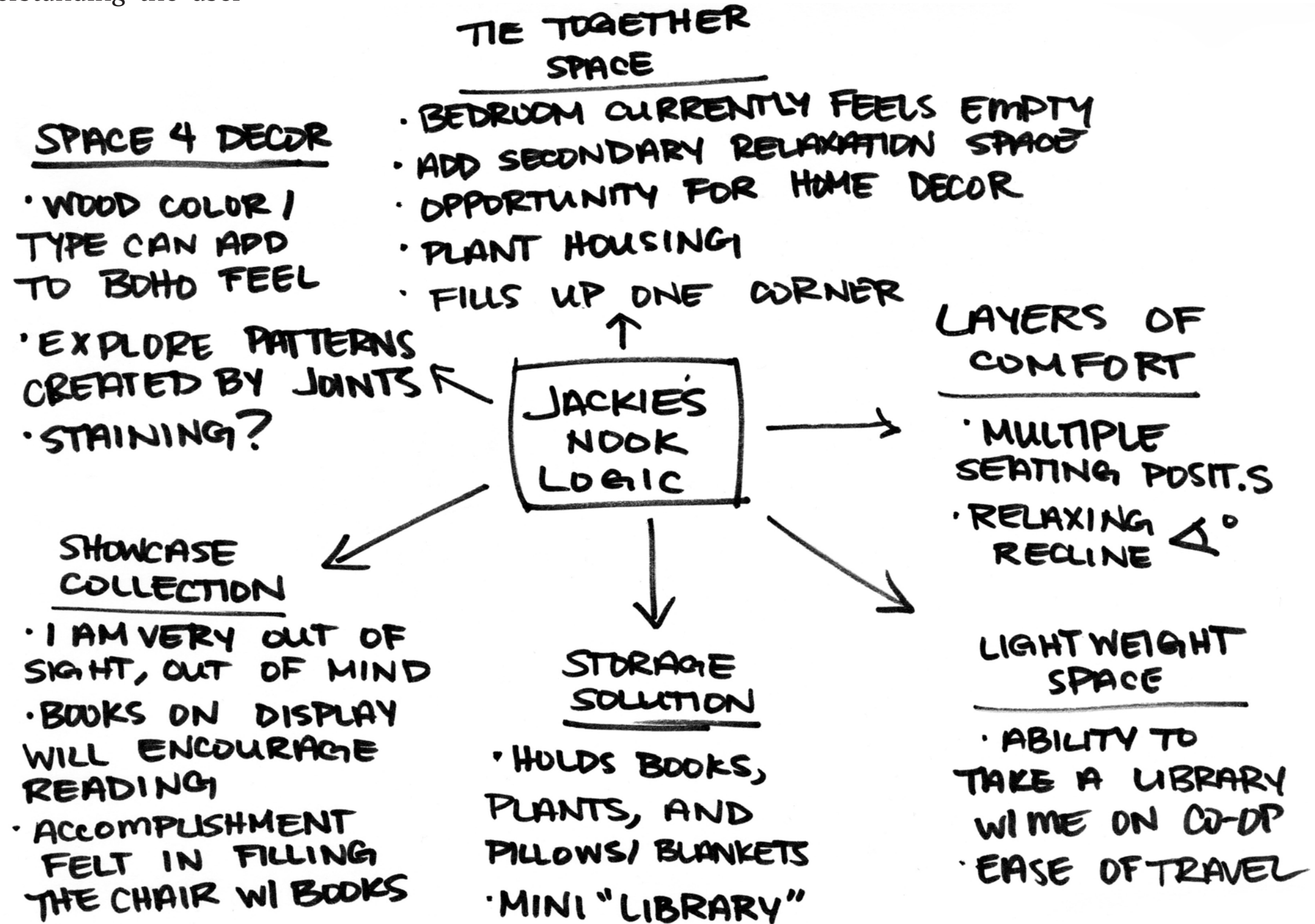
NEEDS A READING SPACE IN SMALL BEDROOM



WHY?

- DESIRES COMFORT IN SMALL SPACE
- NEEDS STORAGE + DECORATION TO BE COMBINED
- BEDROOM WHILE SMALL STILL FEELS "EMPTY"





HMW

design a space-efficient wooden reading chair that maximizes storage and encourages comfortable and unconventional sitting for studio apartment dwellers?

inspiration | use case and overall ambiance





JACKSON

AGE: 22
OCCUPATION: STUDENT
LIVING SITUATION: STUDIO

NEEDS:

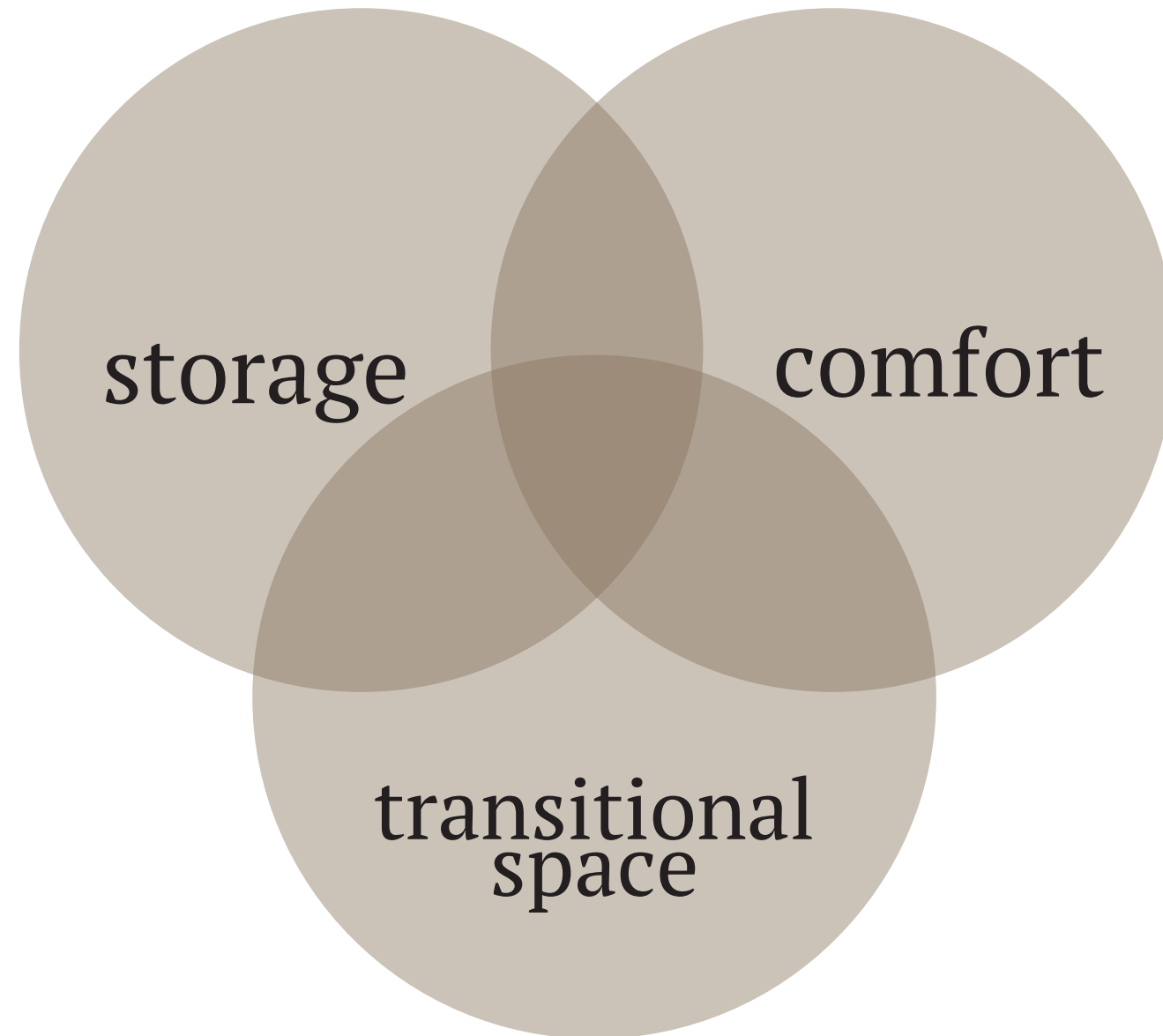
- Space efficient furniture due to limited living space
- A chair that offers storage for a collection of books, pillows, and blankets
- Comfortable seating for long reading sessions
- Appreciates a chair that accommodates multiple sitting positions

PREFERENCES:

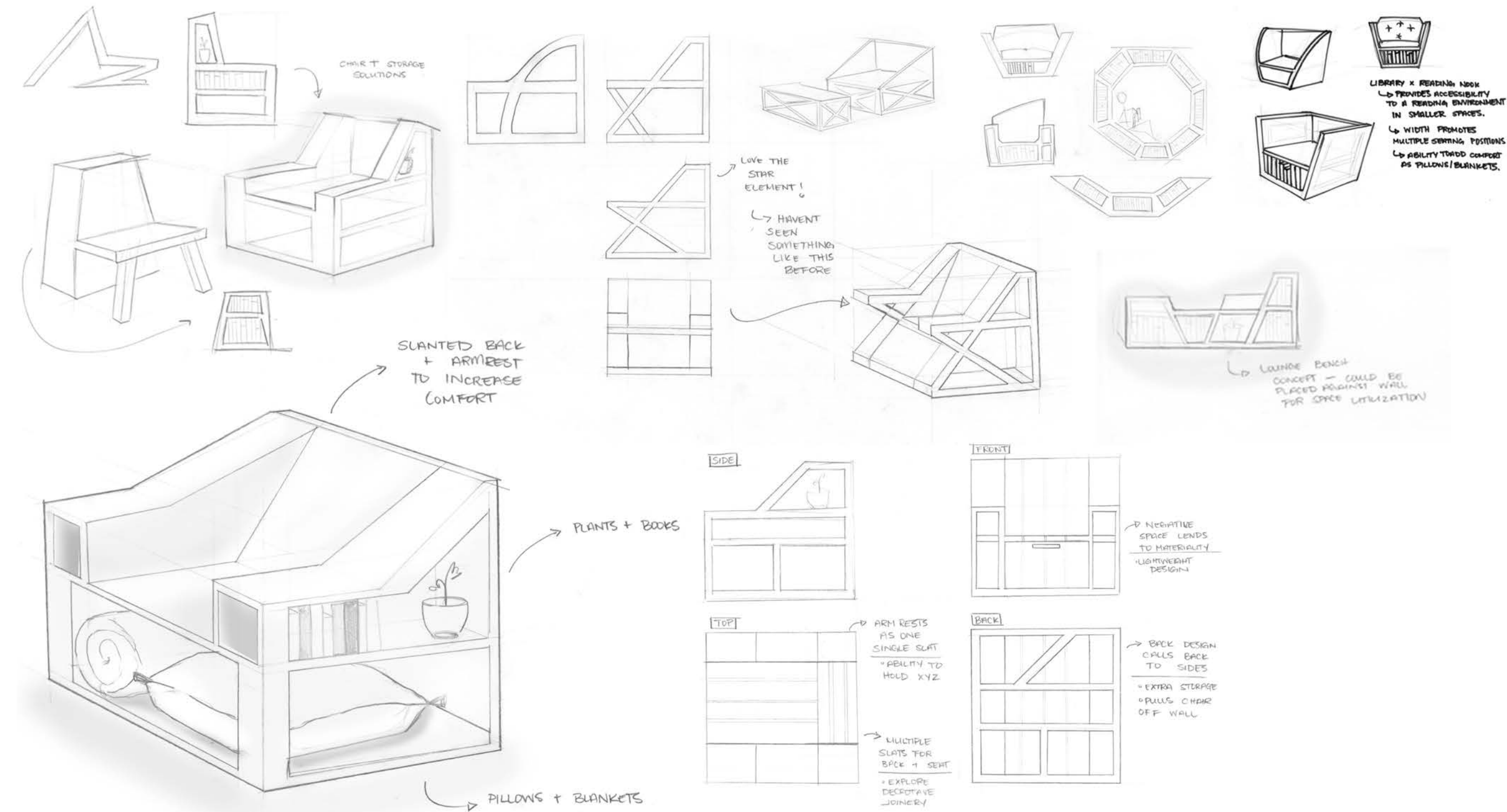
- Enjoys the warmth and aesthetics of wooden furniture
- Values unique and creative patterns
- Seeks a chair that compliments personal style and living space

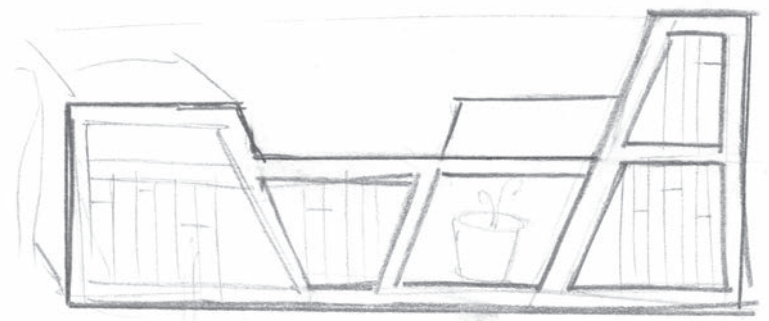
GOAL

To have a personalized and inviting reading nook within the constraints of a small apartment

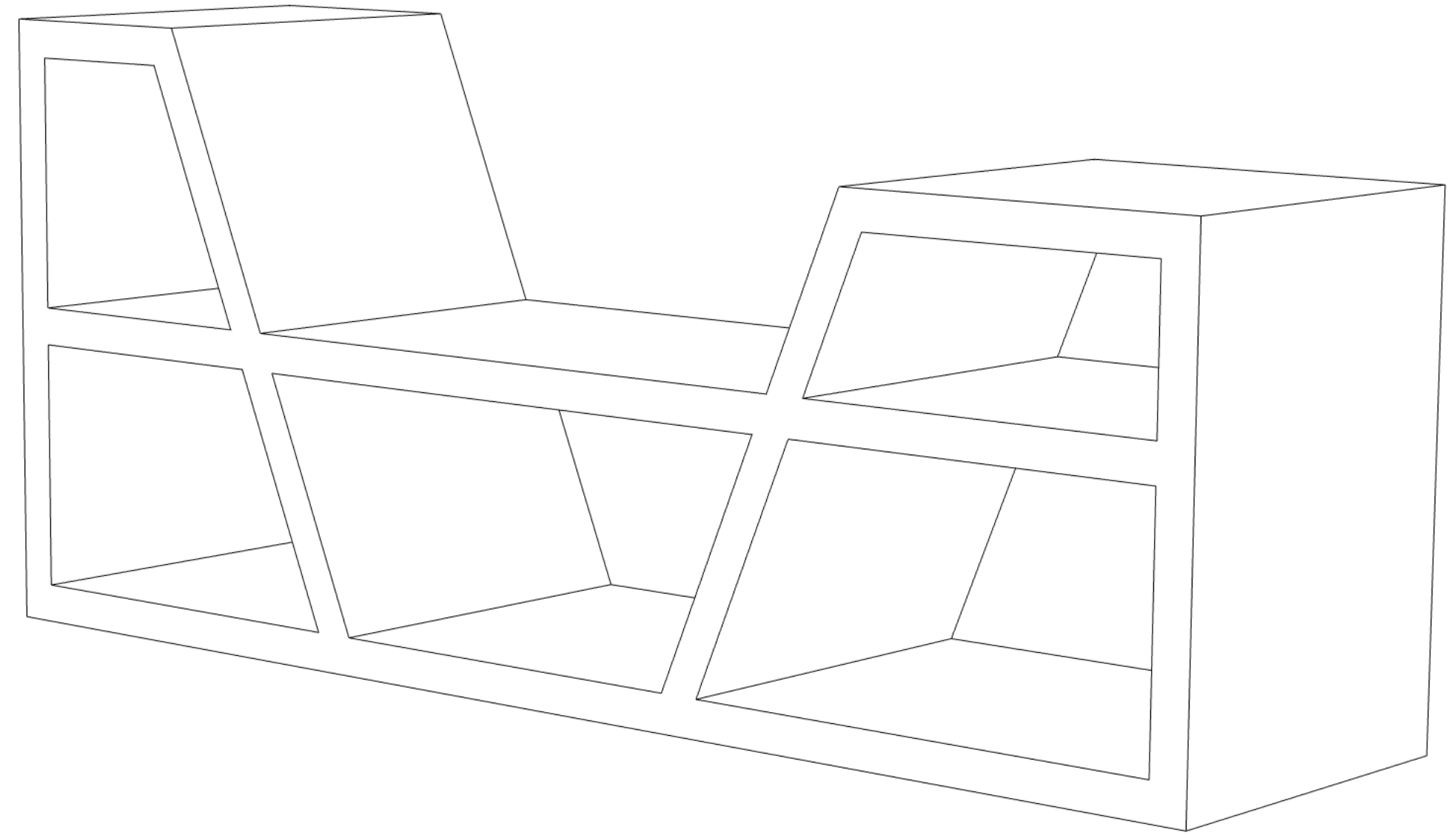


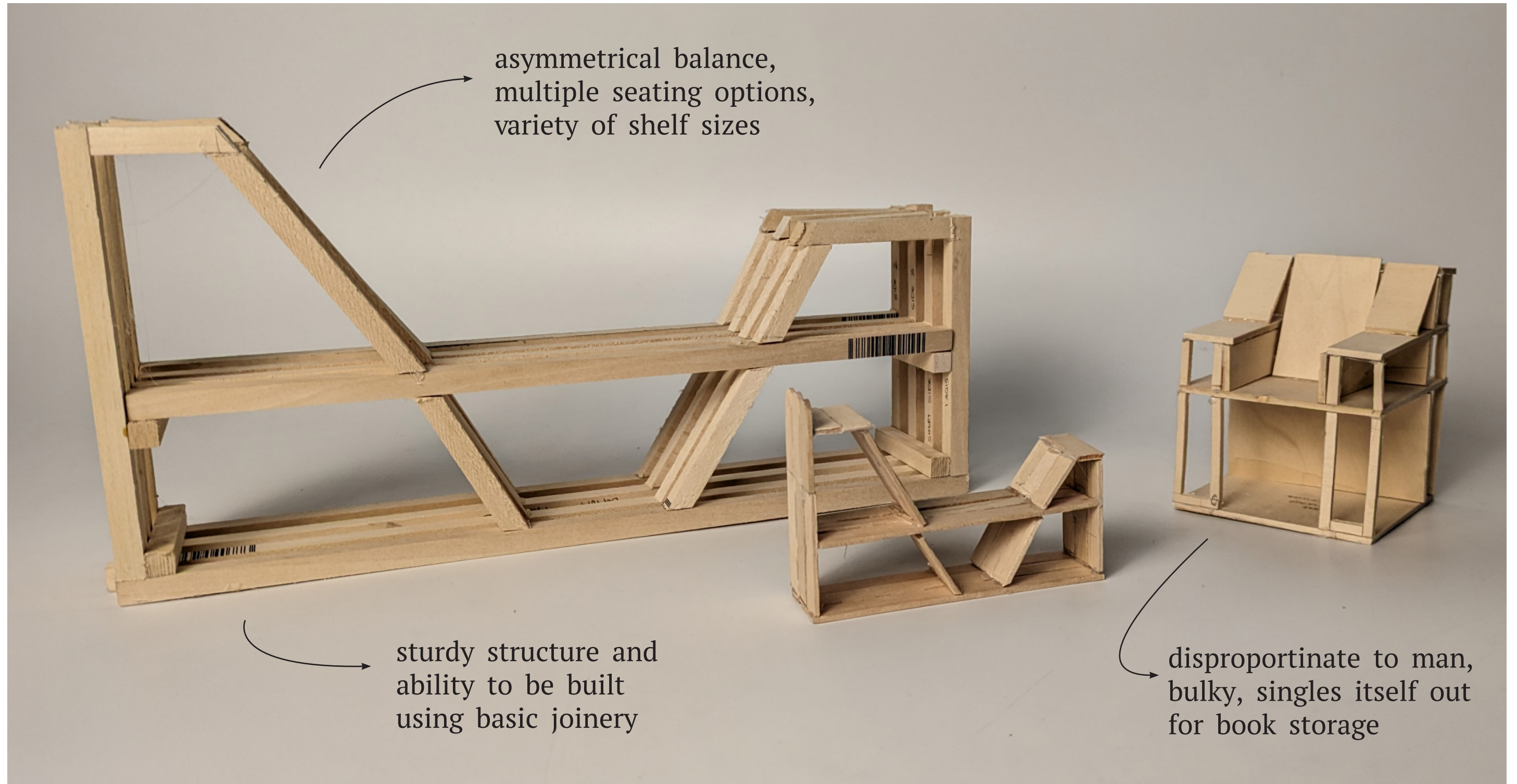
ideation | initial sketches



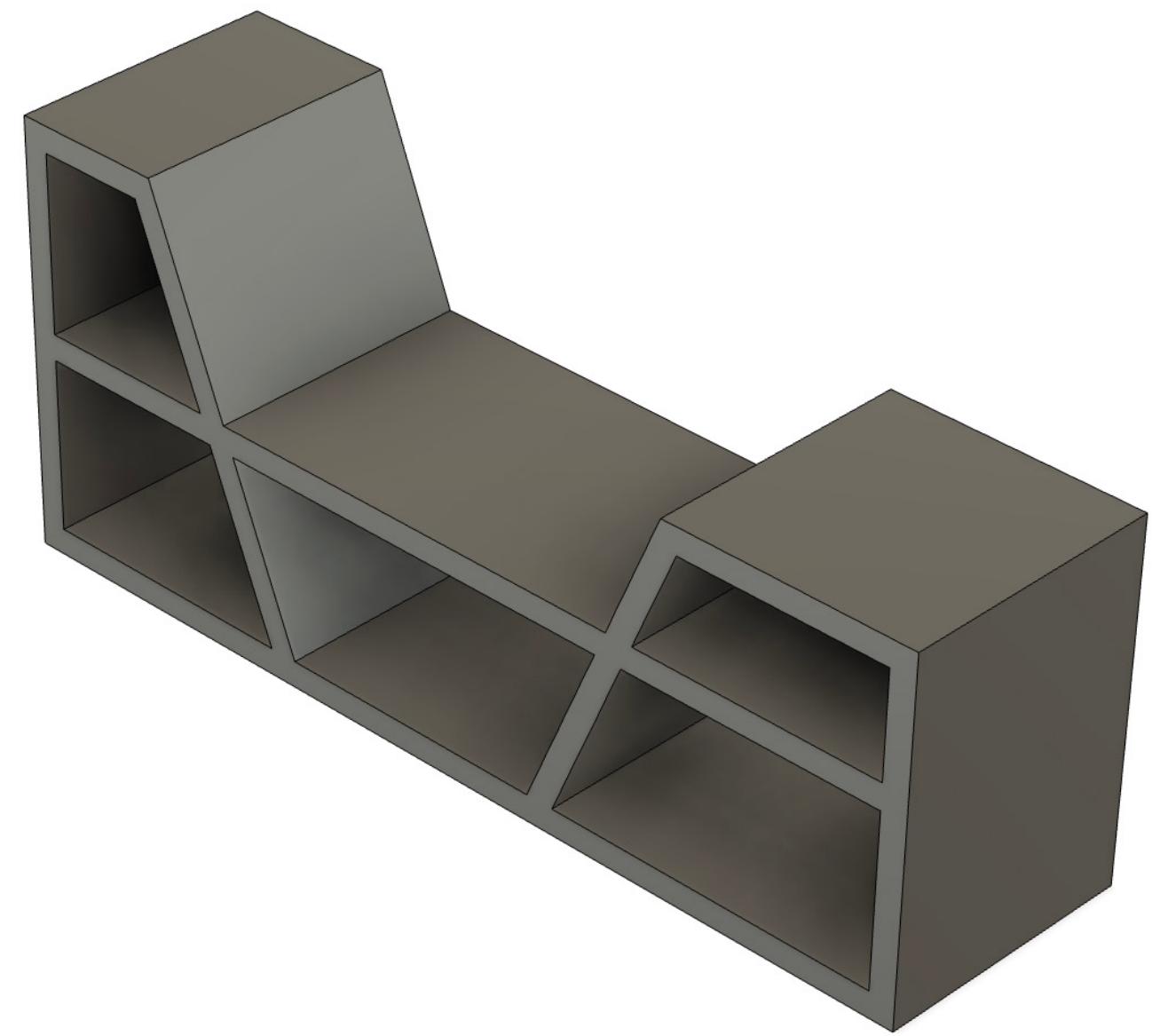
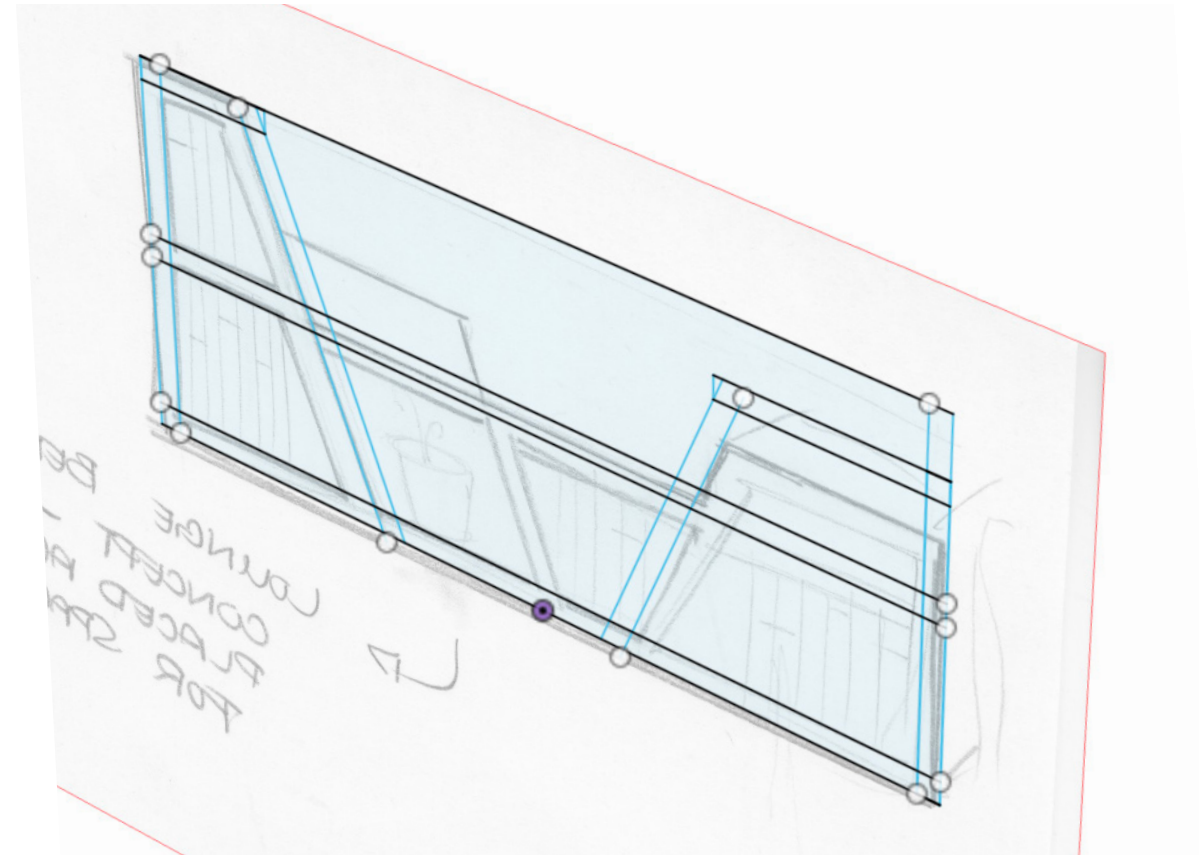
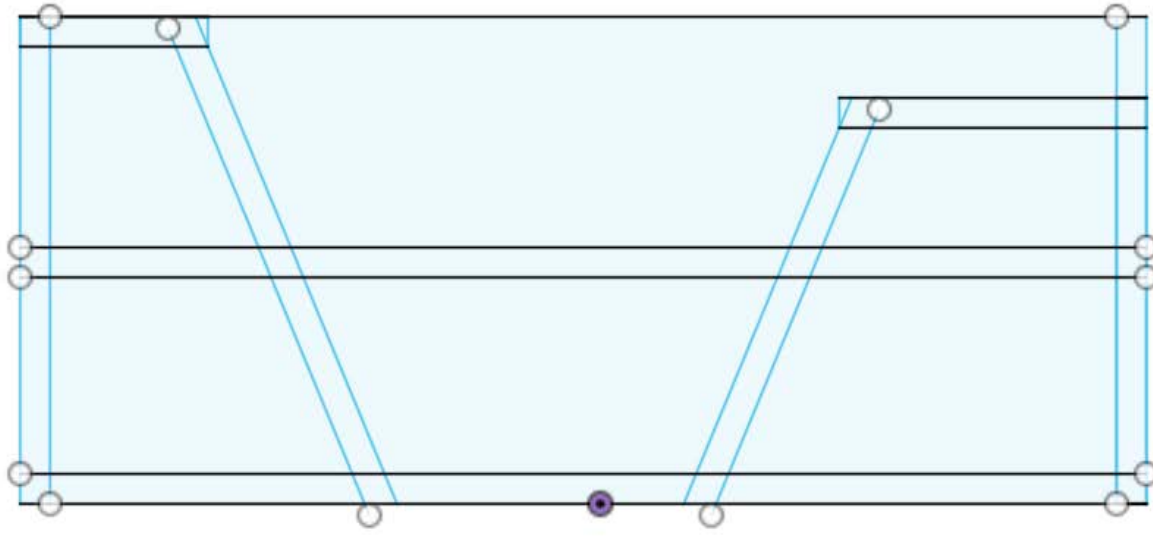


↳ LOUNGE BENCH
CONCEPT — COULD BE
PLACED AGAINST WALL
FOR SPACE UTILIZATION

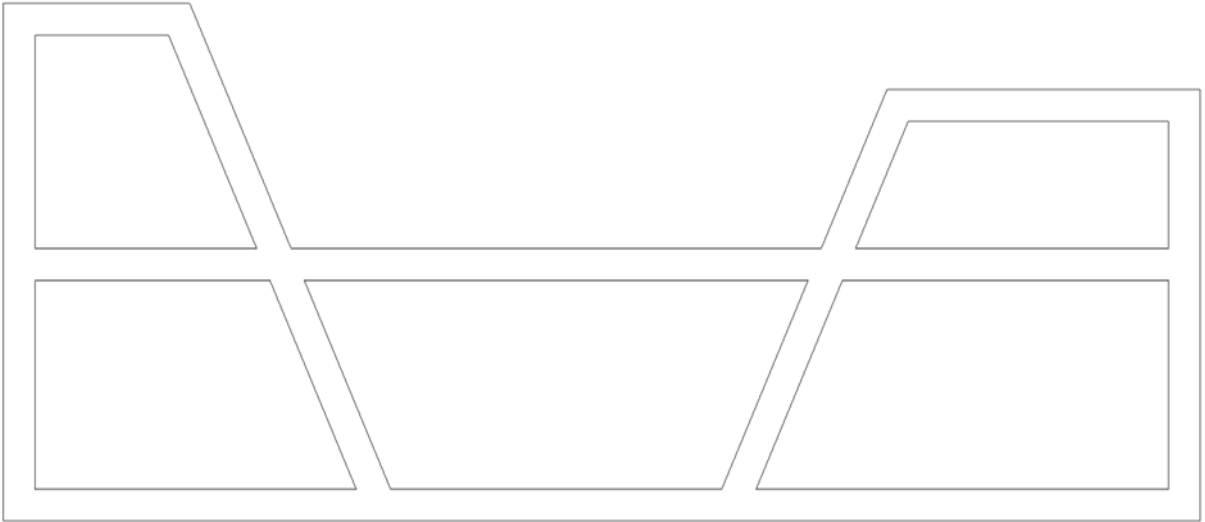
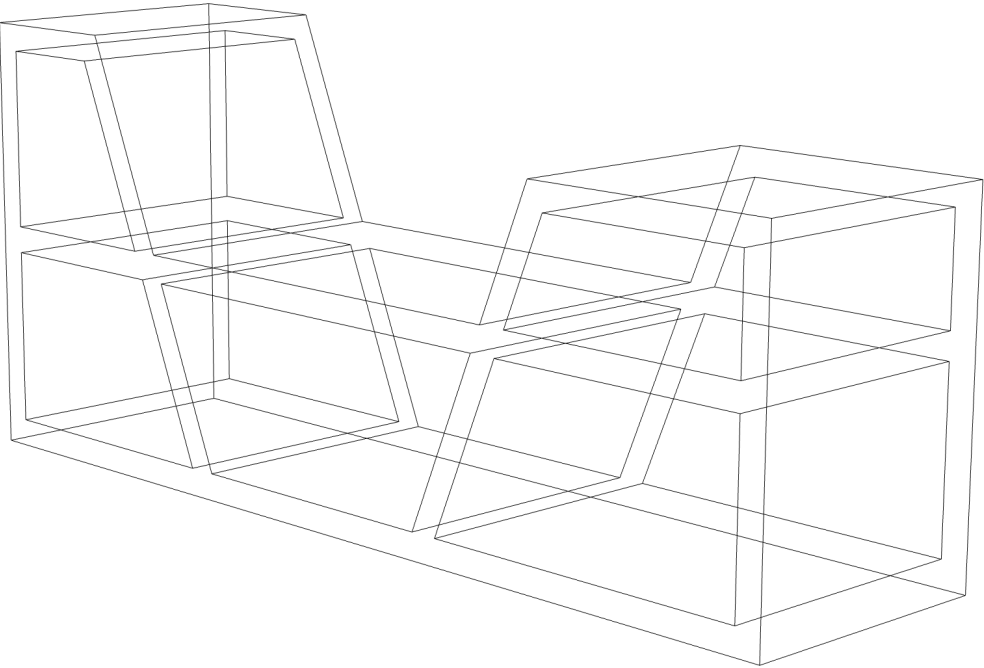




CAD development |full scale rough



orthographic drawings



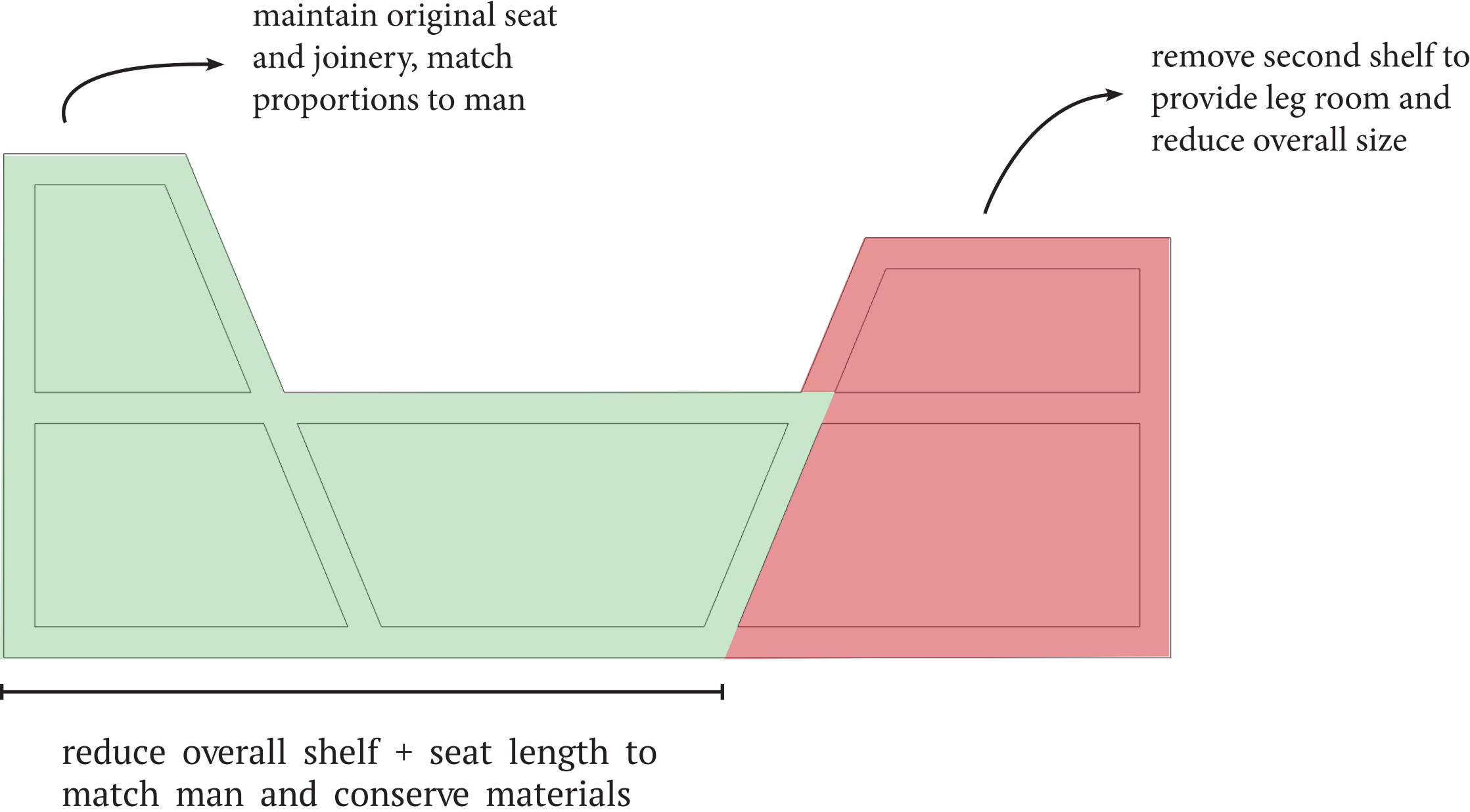
full scale model | building and takeaways



Things to Refine:

- order of assembly
- joinery plans
- material thickness
- proportions





final product | fabrication process

CUT + PROCESS

DETERMINE TOTAL MATERIAL LENGTH

COMPARE TO FULL SCALE MODEL

$60 \times 5 \times 2 = 660 \text{ IN}$

66 FT OF LENGTH

$660 \text{ IN} = \text{NOT CLOSE}$

CUT IN $\frac{1}{2}$ AGAIN = $1,320 \text{ IN}$ OF "L"

TOTAL LENGTH ROUNDUP = $1,593$

INCORPORATE SCRAP?

SCRAP:

SMALL PIECES $\rightarrow 140 \text{ IN}$

LARGE FROM 1ST MODEL = 181.5

W/SCRAP TOTAL = $1,641 \text{ IN} \checkmark$

SCRAP:

HOW USE SMALL PIECES TO CREATE A DECORATIVE ELEMENT?

