

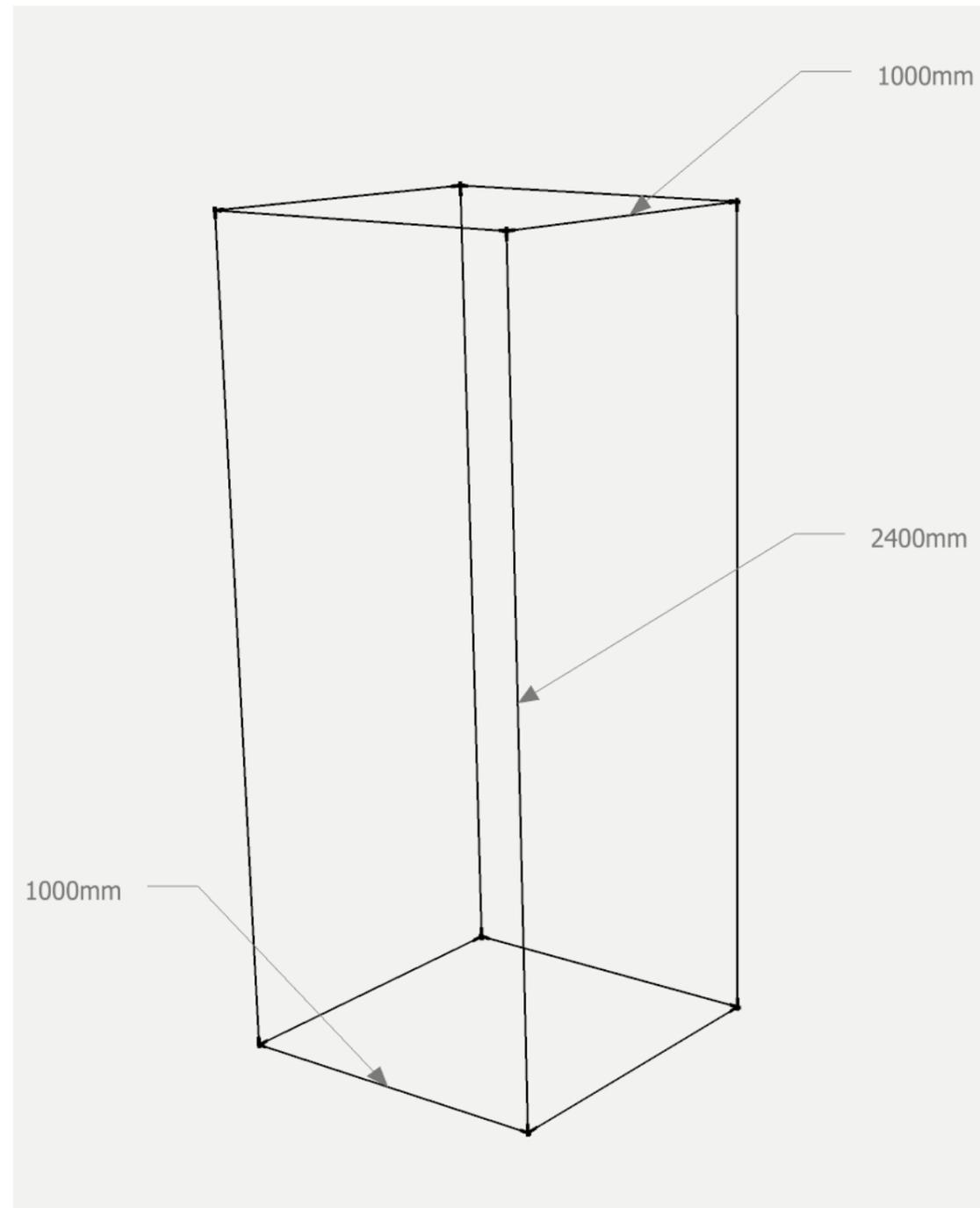


Space
caroline pile

Mini Project - Space

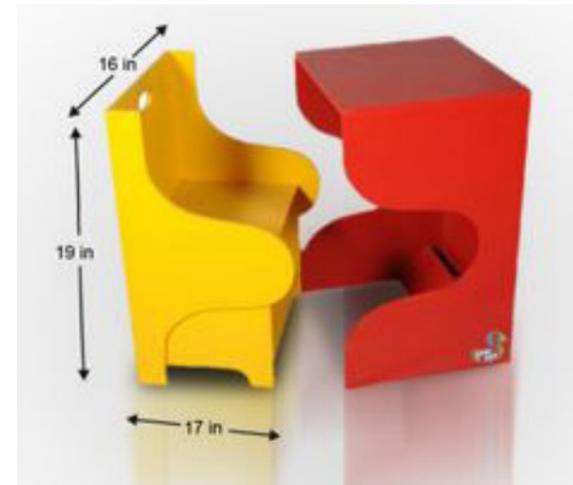
Space is valuable. Space enables activity and costs money to provide. Efficient use of space can unlock the potential of your student environments.

Working with a volume measuring 1000 x 1000 x 2400mm high we'd like you to consider how you can design a piece of multi-functional furniture to optimise the use and impact of that space within the surrounding student environment.



Research - space savers

Researching other space saving devices has help figure out what the function of the space that would be most useful and suitable for the social space in the flat. Looking at different storage solutions, folding chairs and expanding tables. Demonstrates the possibility of fitting it all into the tight space.



Room materials



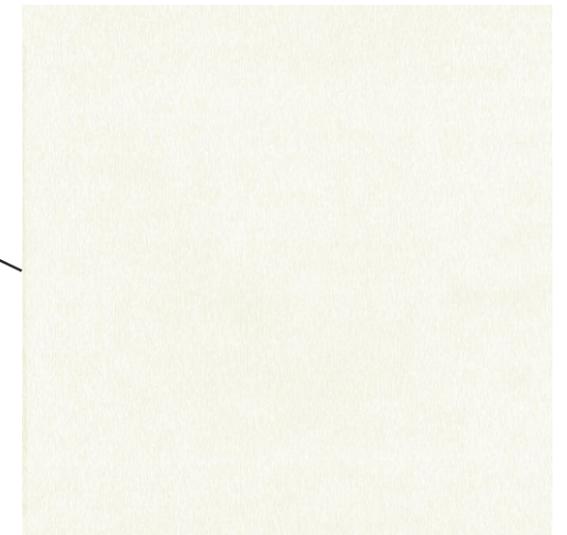
Green textured wall.



Big glass window

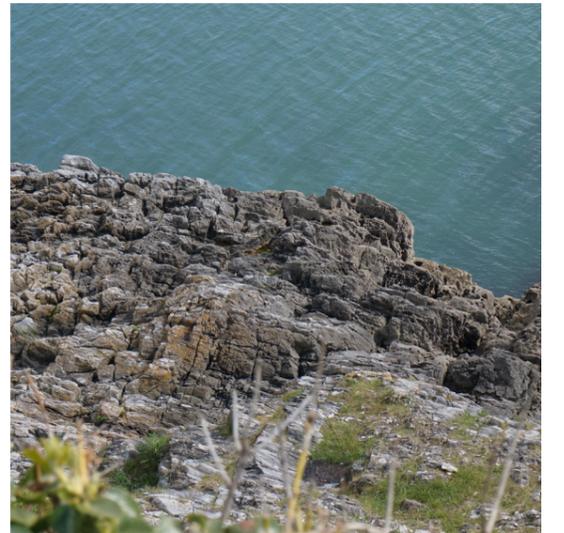
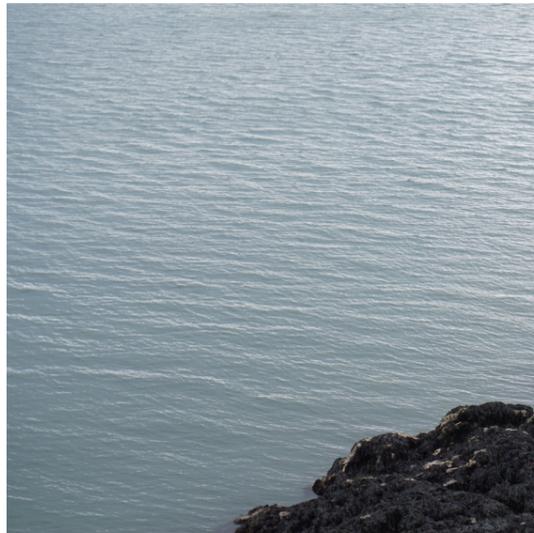
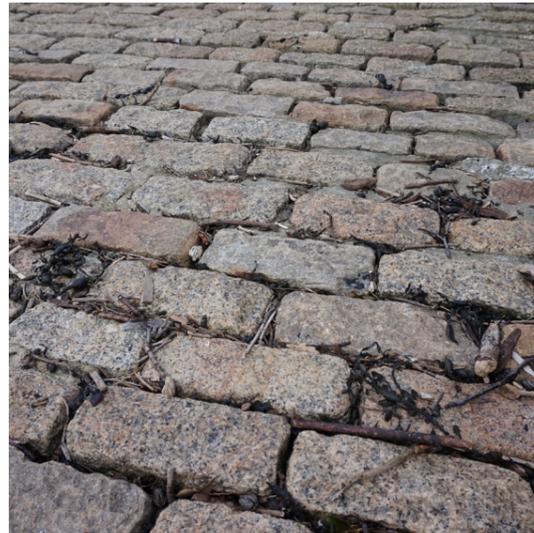
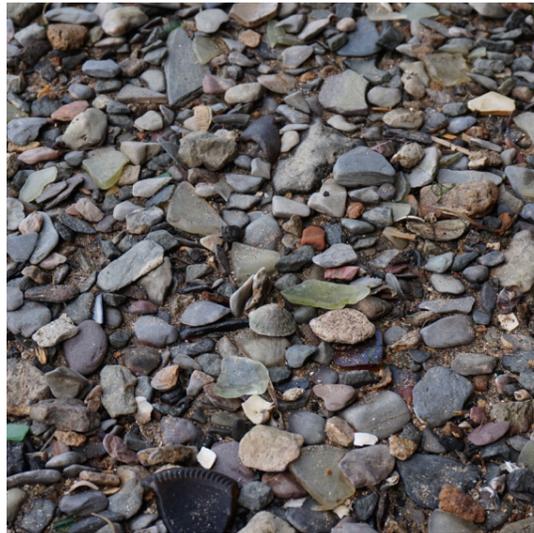


Laminate flooring

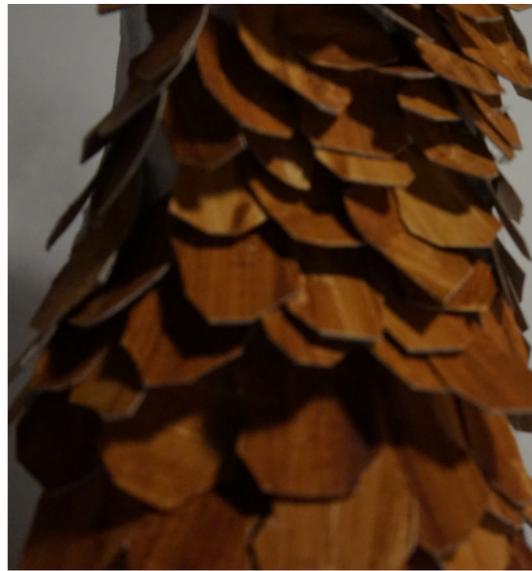
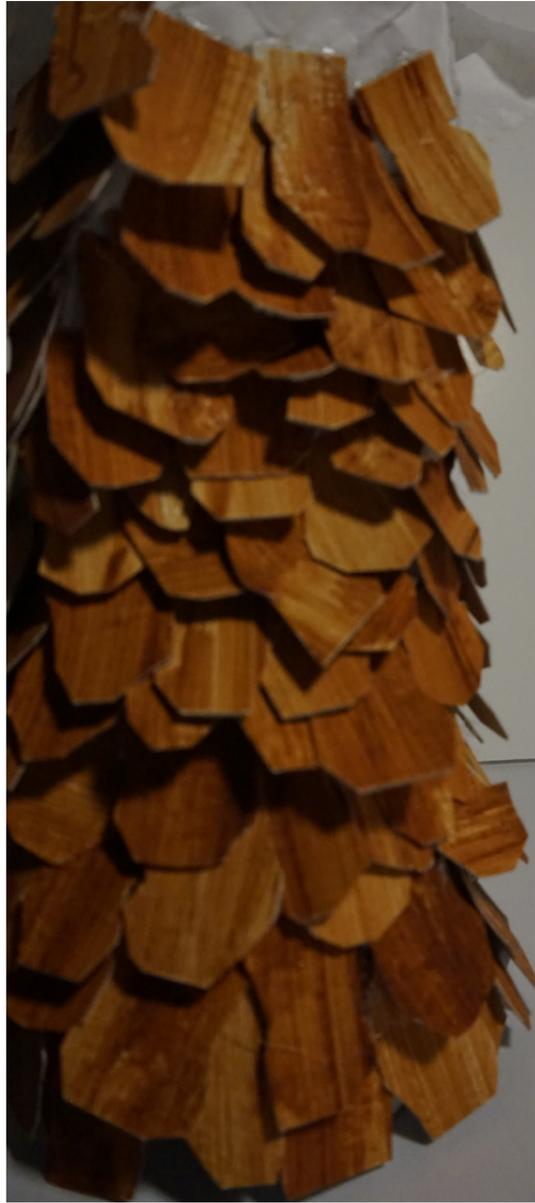


Plan cream/white wall.

Inspiration



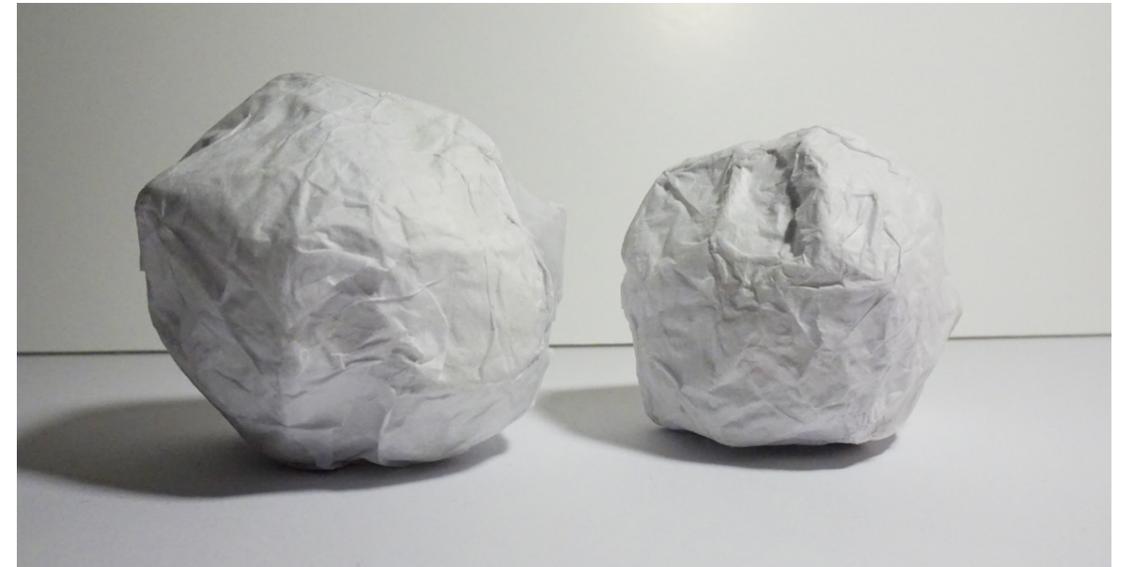
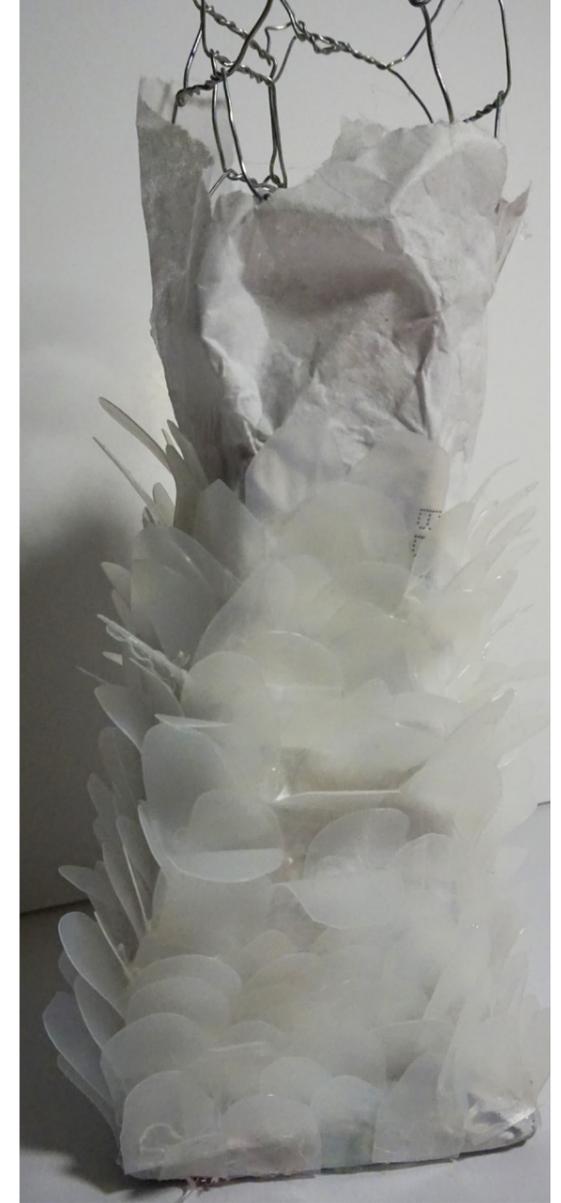
Idea generation



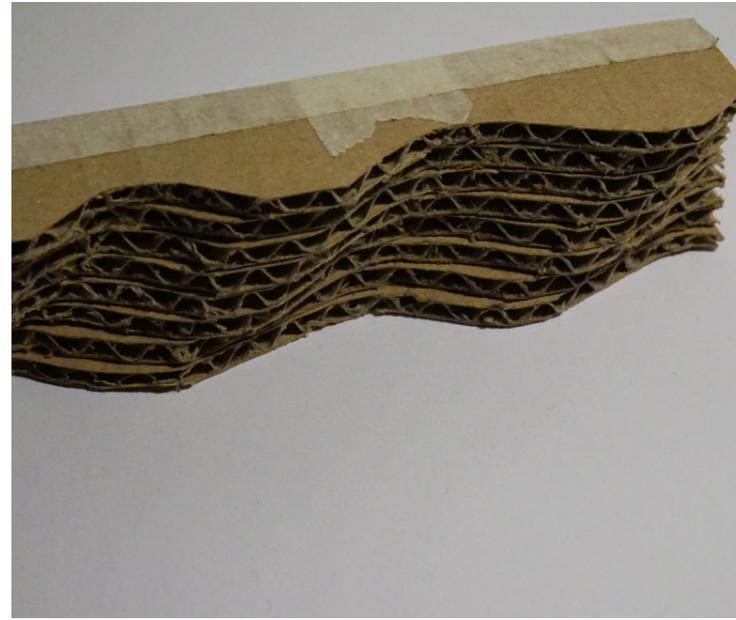
Struggling to figure out how it would all fit into the space. Experimenting with the shape of it and the exterior aesthetics, was very helpful to get out of a cube/ block shape.

Using nature as the inspiration. This affected the exterior design. For example, the one is based on the pattern and textures of bark on a tree. Looking at the different directions things could be placed on and how that affects the feel and aesthetics of the product.

Looking at organic shapes help to get away from a boring shape. Which is where the idea of splitting it up came from.

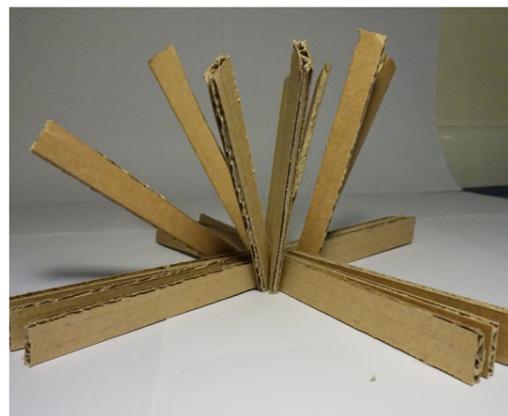


Idea generation



Additional sketches found in my sketch book, that illustrate how these models could be used.

development

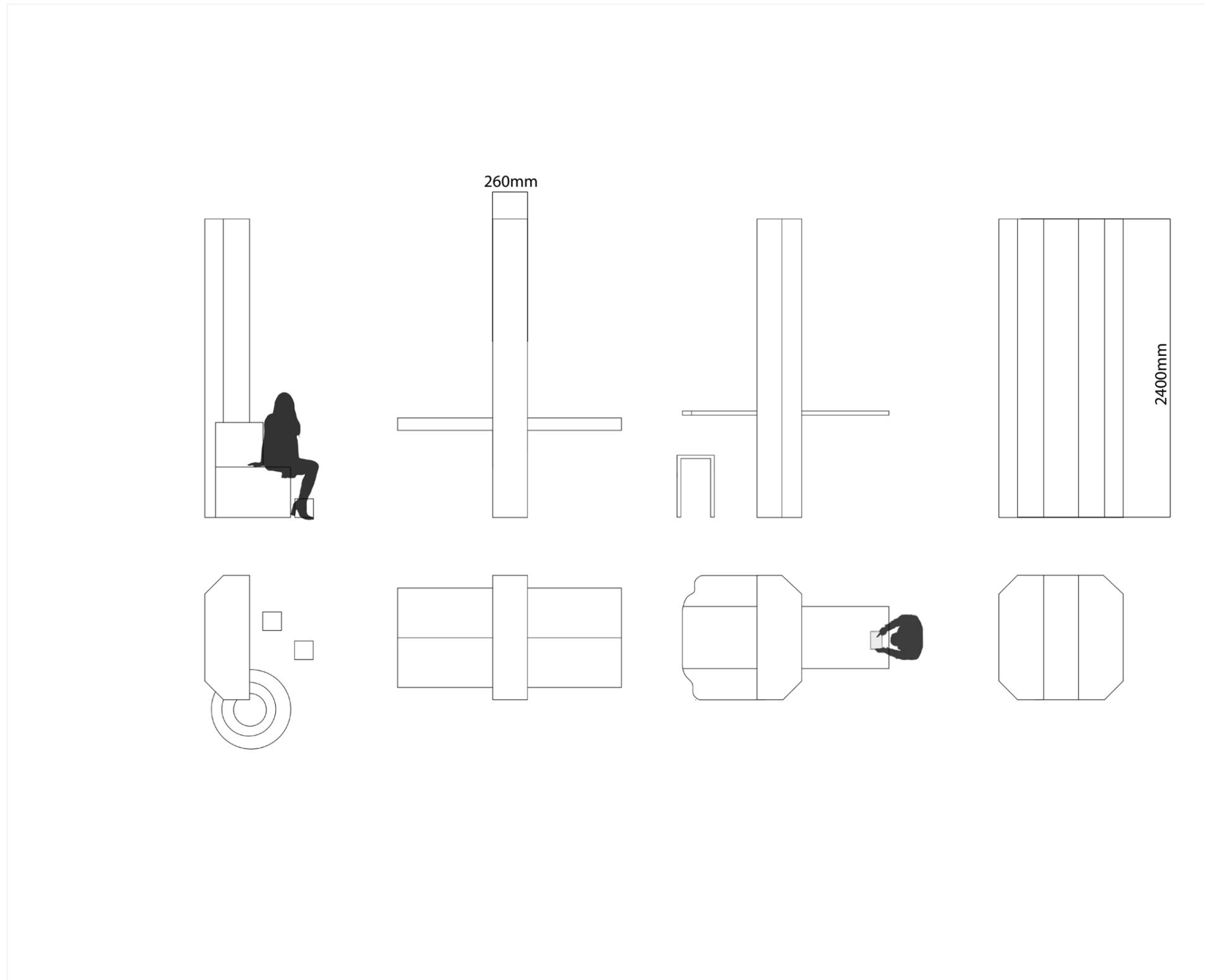


Looking at several designs to see which could work. I tested out to see if the product could actually work. By making a model that actually folded down. However, there were many complications with this idea. Also, it wasn't optimising the space enough as it only really created seating areas and possibly some tables.

Looking into Space saving apartments in Hong Kong. It made me think about using a modular system or walls to create different zones and sections. Additionally each section would do something individual like fold out to be a desk. I also, found several idea for spacer saving that could fit into my scheme along with other things. For example a ping pong table that flips to a pool table on the other side.



Plans and elevations



General Notes

No.	Revision/Issue	Date

Firm Name and Address

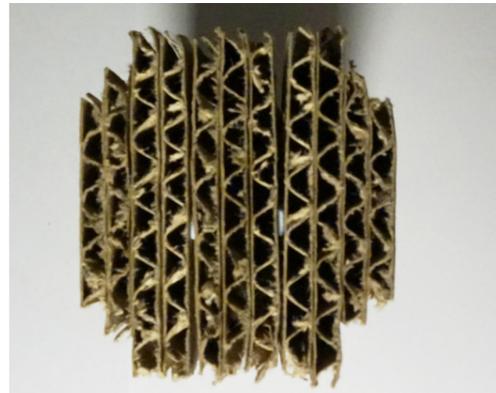
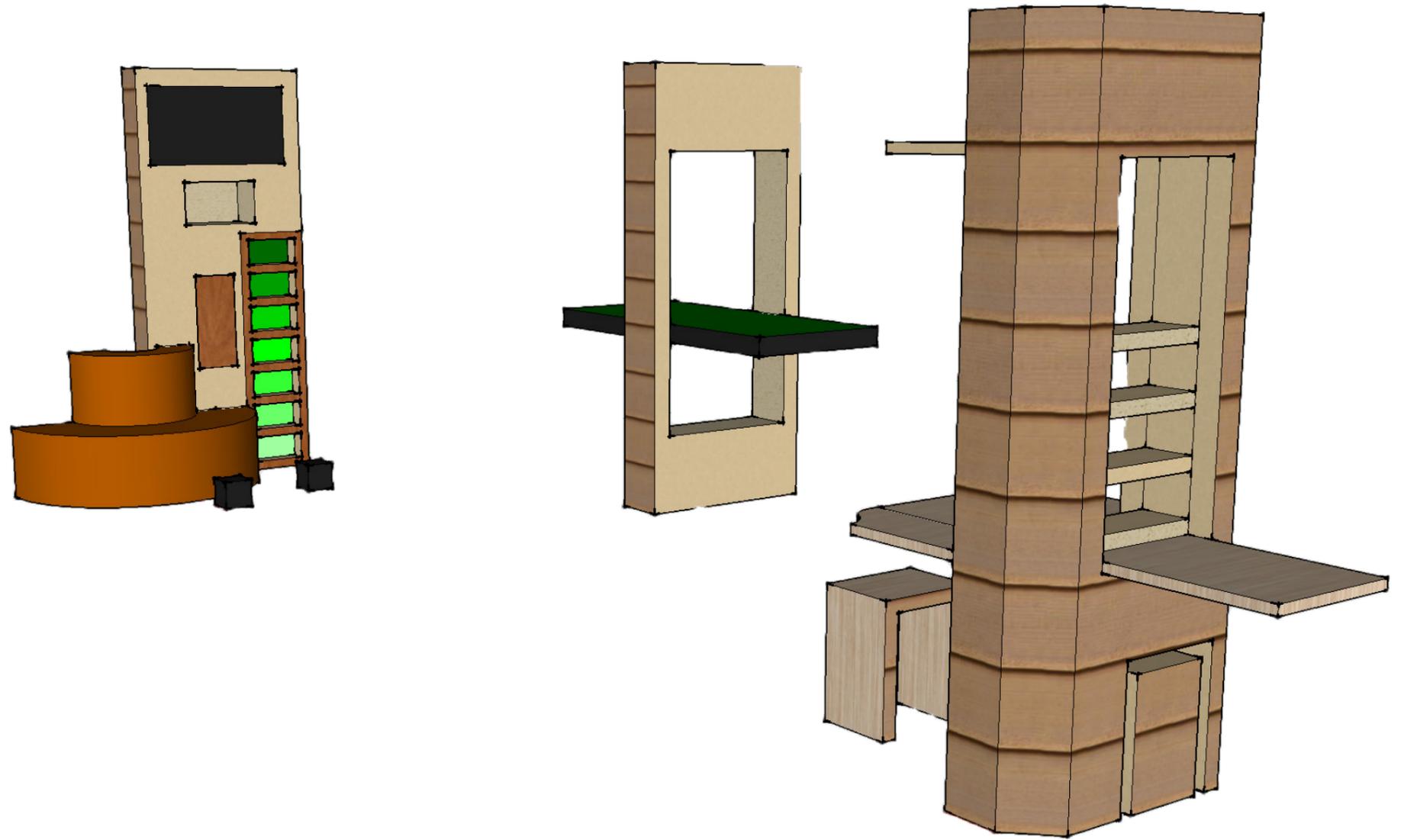
Project Name and Address

TDD430
Home from Home
TDD430_P_01_03
Caroline Pile

Project	Space	Sheet
Date	16/05/2016	A1
Scale	1:16	

Models

Sketch up model of the space opened out with all the walls in full function. 2 sections are used for socialising and the other one is used for studying. The space doesn't really do much when its closed apart from keep the space and things safe, For example, it would be closed up over the summer. With the wooden cladding its becomes more of a art instalation.



1:20
scale
model
of the
space.



