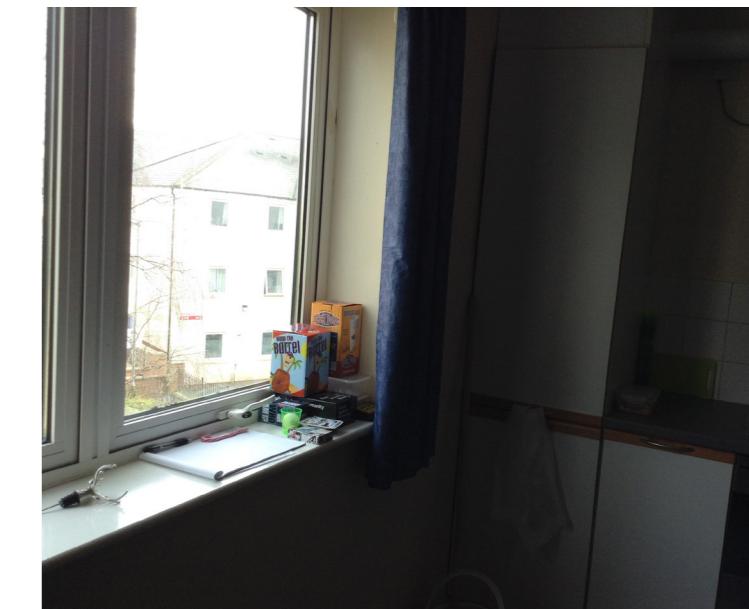


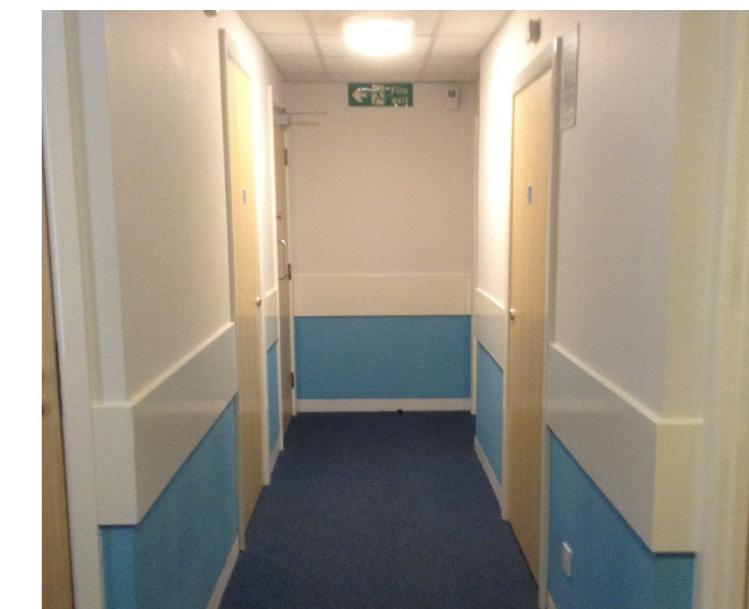
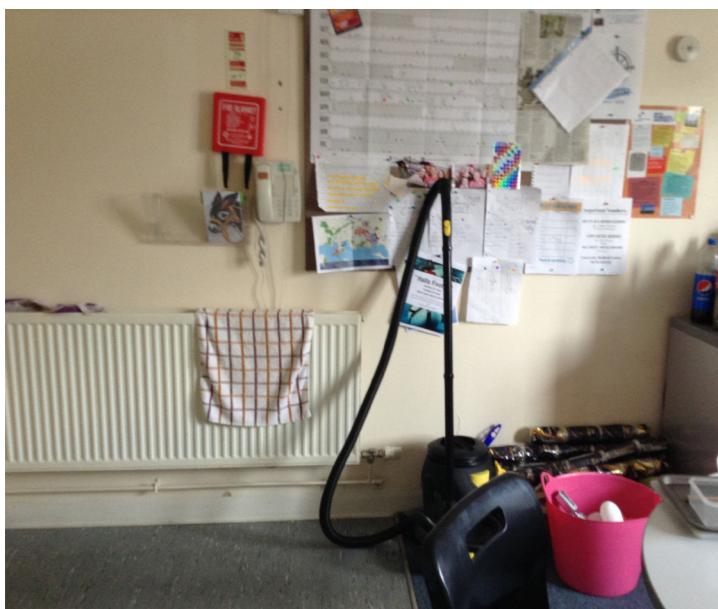
Home from Home

caroline pile

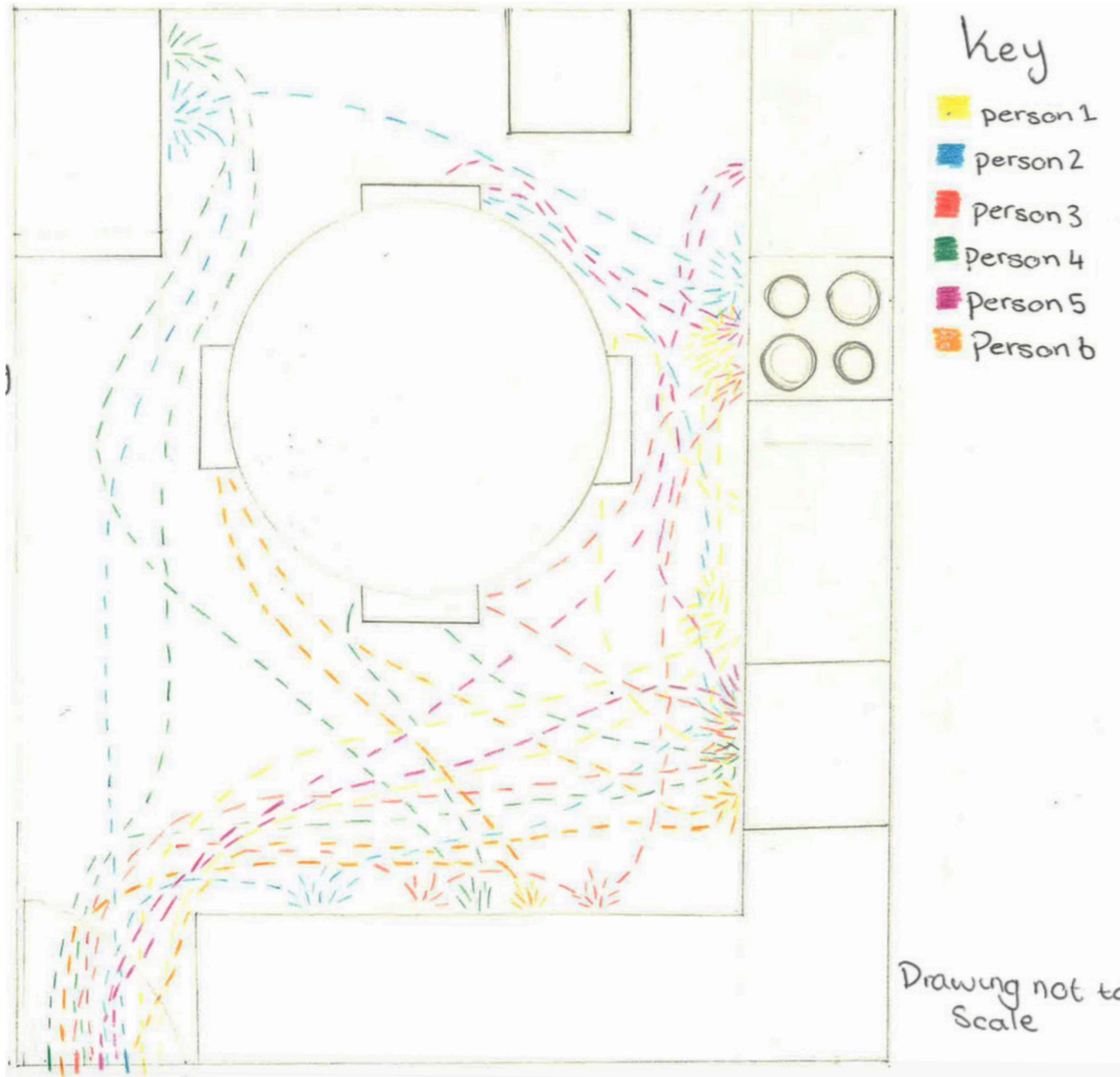
Initial research - Social Spaces



The pilgrim Kitchens are now out of date for students these days and aren't very Eco-friendly. From living the flat with this kitchen for nearly a year. I have found out that there isn't enough storage which affects the amount of prep space left. Additionally, the kitchen isn't utilised properly as most of the flat eat in there room because it's lonely to sit there and eat in the kitchen. However, It does get used if the flat go out.



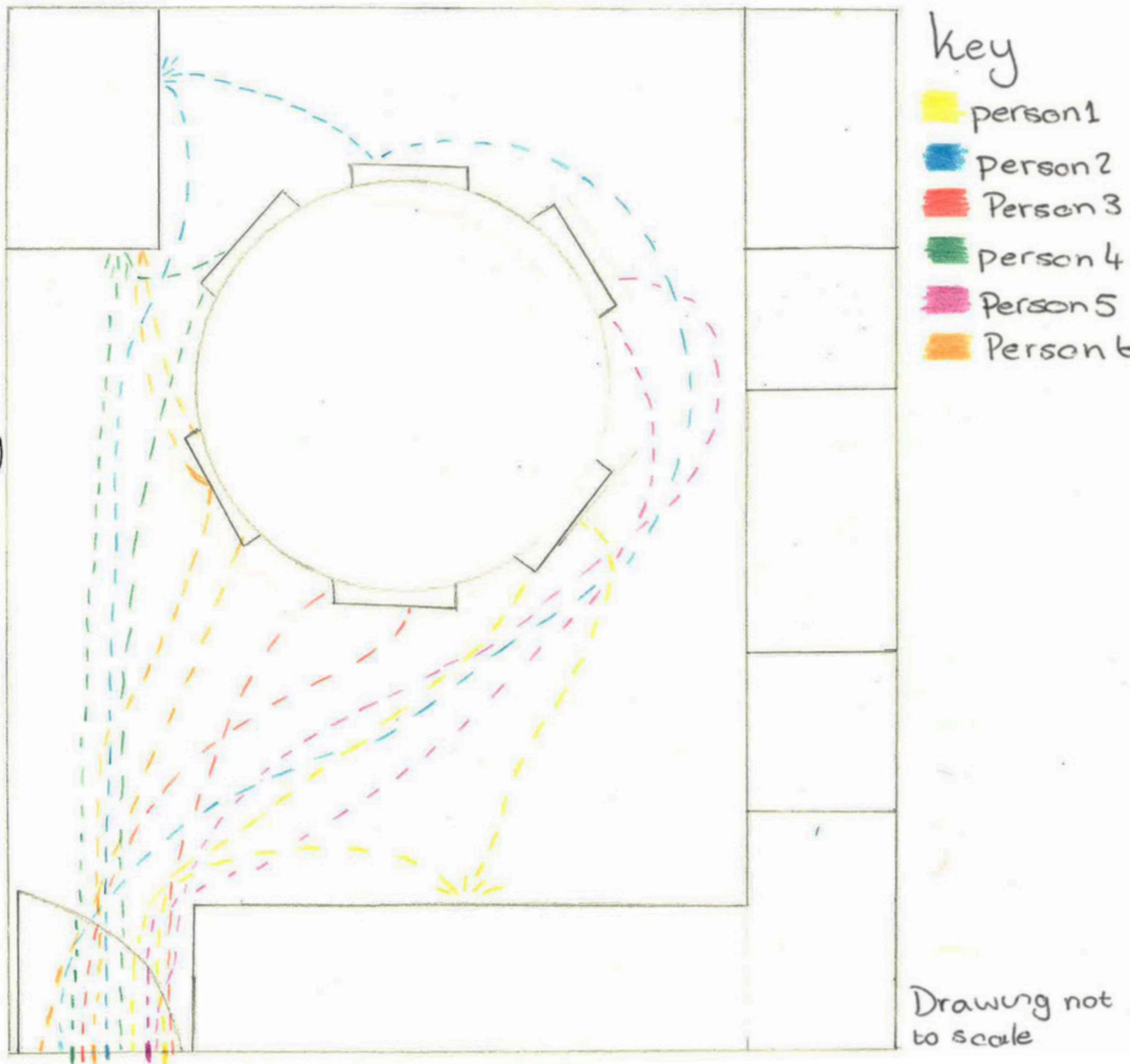
Observation of my kitchen during the day



Pilgrim Halls Kitchen activity during the day

I have logged the movement and activities in the flat kitchen during the day. During the day the kitchen is mainly used for cooking/getting food. In the flat the table isn't used that much. There is a very heavy foot fall in the area between the sink and the door. The end cabinet is completely useless as none of use keep anything important in there.

Observation of my kitchen during the night



Pilgrim Halls Kitchen activity during the night

The activity during the night is completely different to the use of it in the day. Especially if the flat is going out. The table suddenly becomes very important, as they all sit around it. All the chairs are then in use instead of being stacked up on the side.

Customer Journey - Average 24 hours of a student

		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
Eating	In the flat																								
	Out the flat																								
Sleeping	In the flat																								
	Out the flat																								
Studying	In the flat																								
	Out the flat																								
Socialising	In the flat																								
	Out the flat																								
Activities	In the flat																								
	Out the flat																								
Relaxing	In the flat																								
	Out the flat																								



After living halls for nearly a year, I have taken in what my flat mates average day tends to be and where they tend to go for this activities, This table highlights that they spend in the flat and especially their bedroom.

Additionally that they have a lot of other places they go but never for a large amount of time a maximum of 3-4hours. I have also found out that students have very long days they tend to go out in the evenings. As a result the accommodation has to be very user friendly in the middle of the night on their way back after a night out.

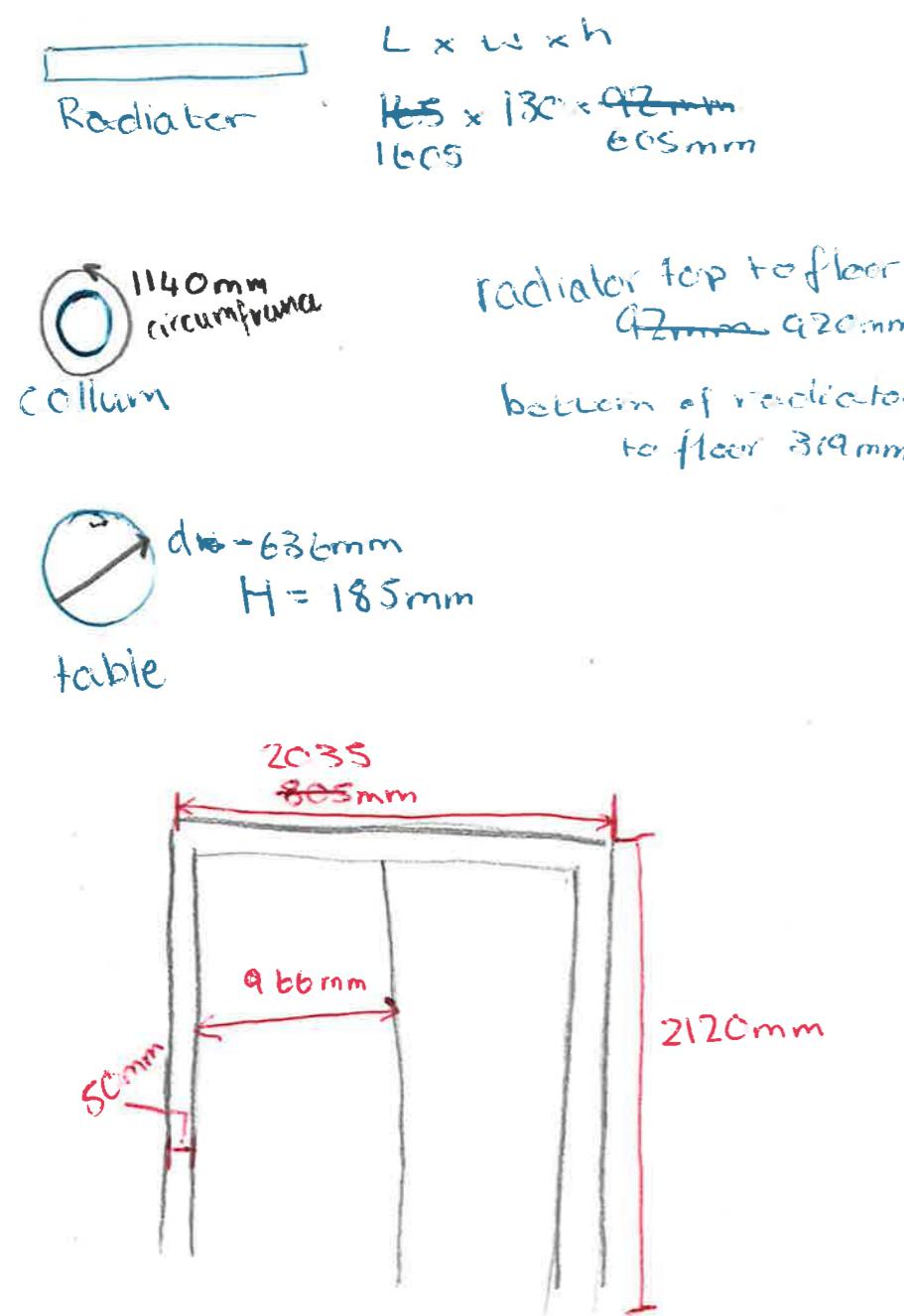
Even-though this is an average student day all students are completely different and the accommodation has to satisfy the needs of them all, and there different lifestyles.

Customer profile

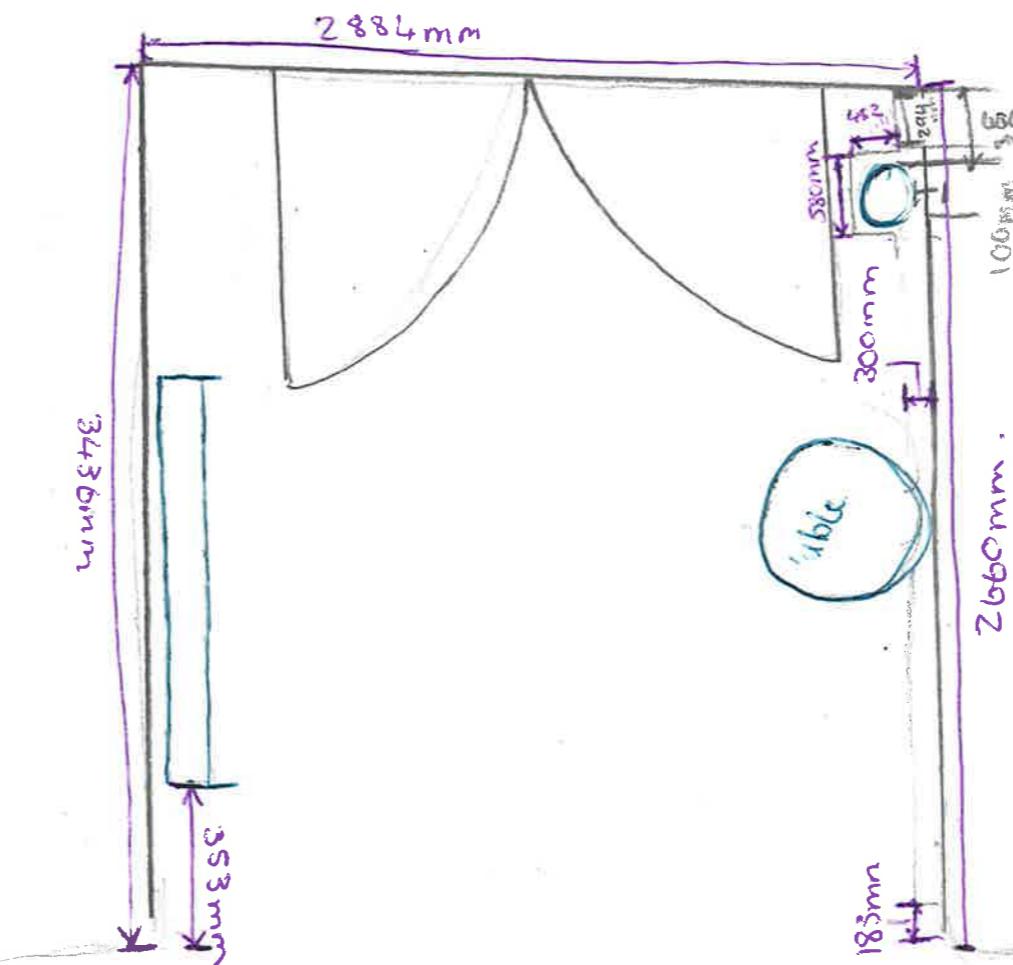
Student accommodation usually has first years living there with people they have never met before. Students even-though they have gone to uni to study, do enjoy socialising at lot of the even if its having a few drinks in the SU or relaxing on the Hoe in the sun. Fitness is also very important to may students as they try and eat healthy and go to the gym regularly.



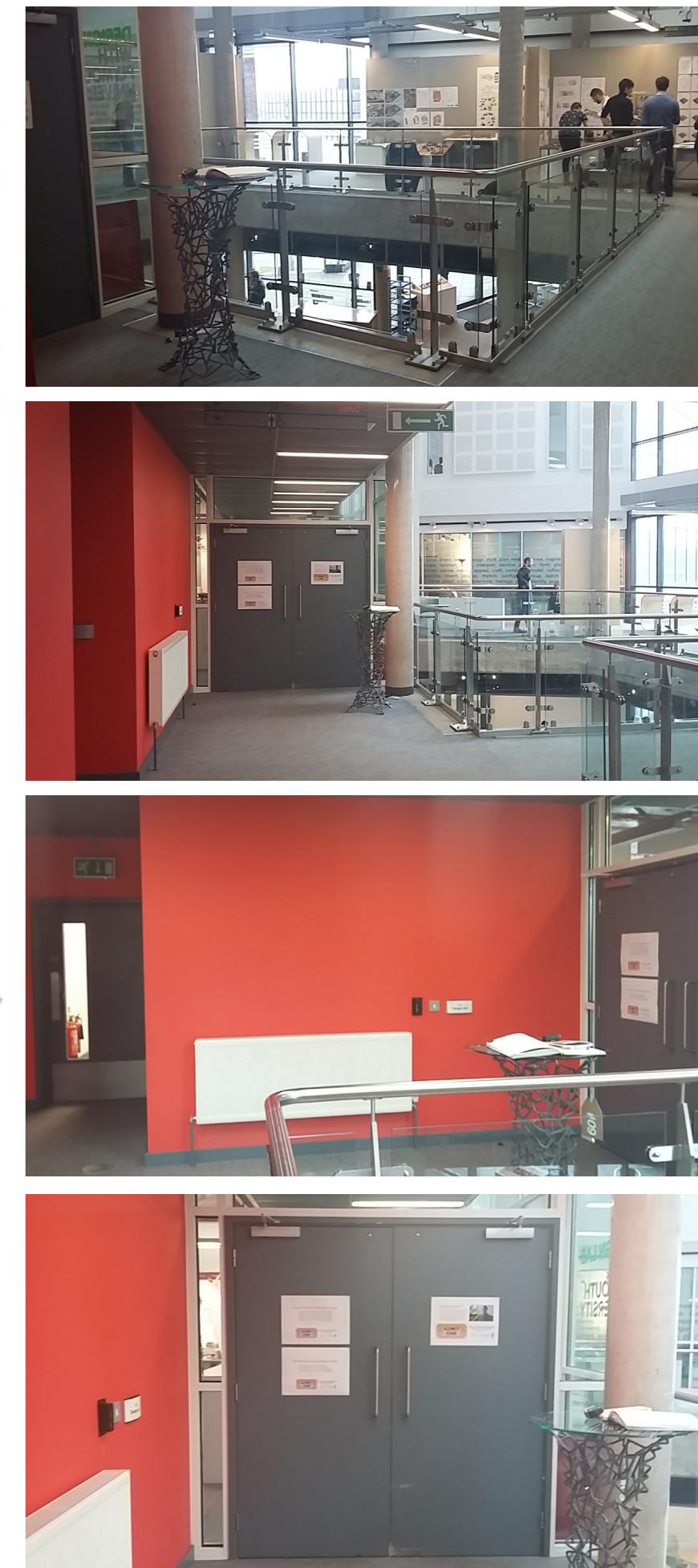
Survey practise in University



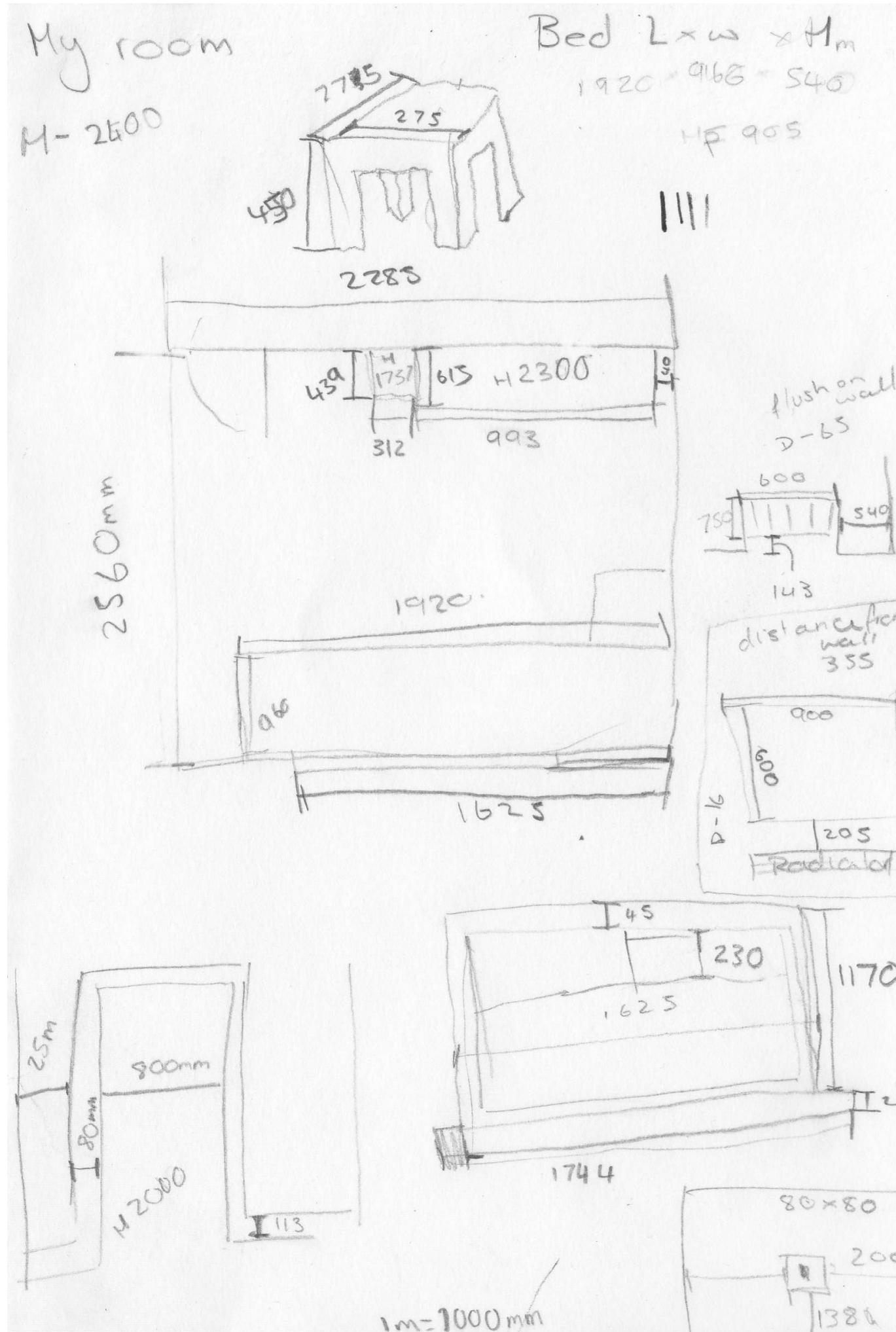
H = 2730mm



In small groups we chose a spot in the university to Survey. This demonstrate who a survey worked and that it is easy to miss a certain thing out. Also that you don't need to measure everything because you can just subtract things.

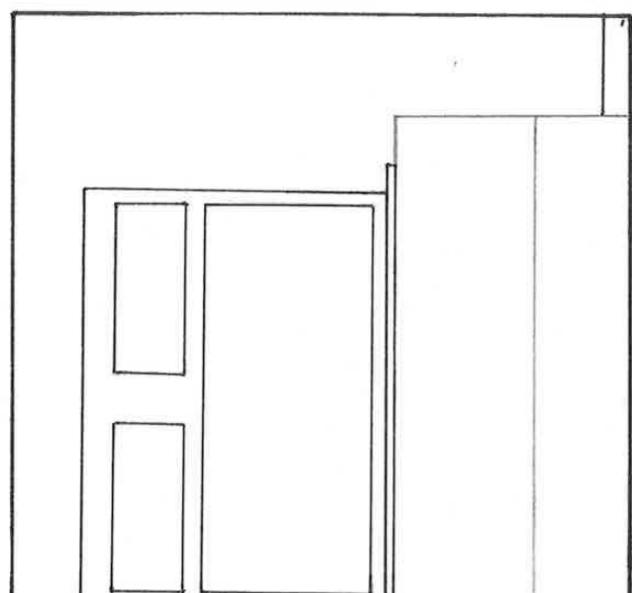


Bedroom survey and pictures

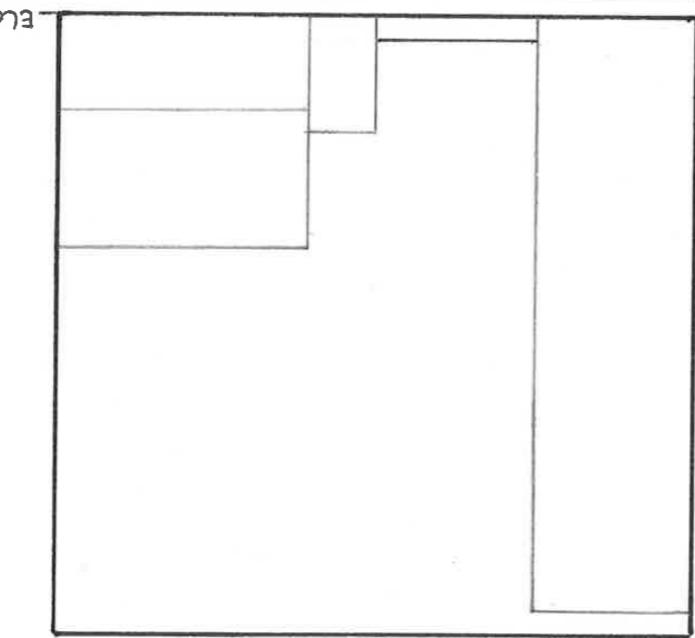


Survey of my bedroom and photographs used to create plans and elevation. As a practice from later on in the project.

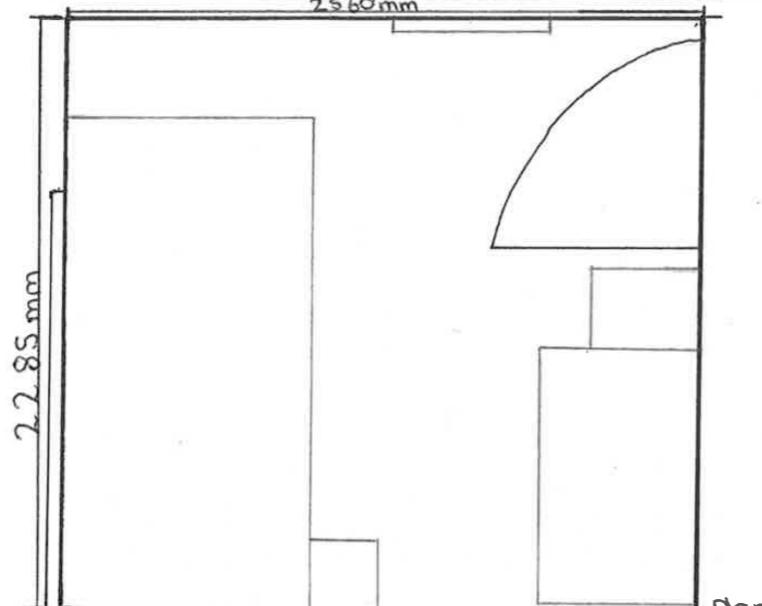
Bedroom Plans and elevations



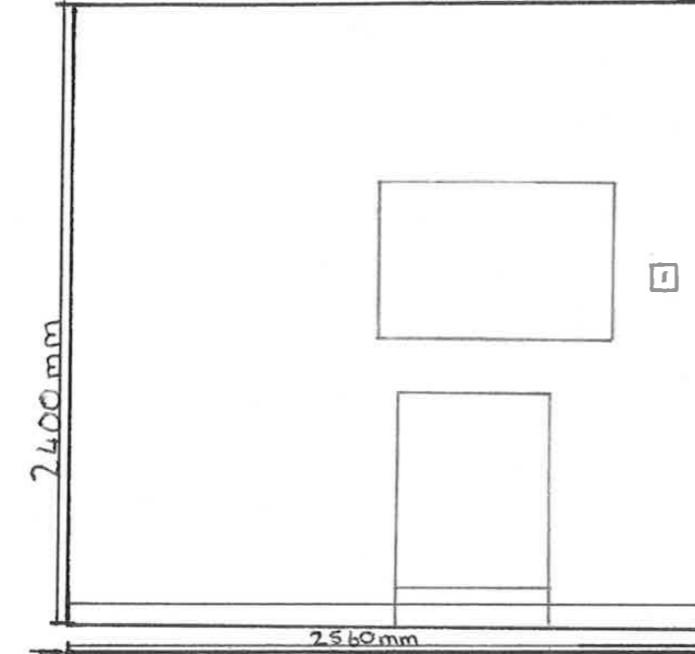
Elevation D



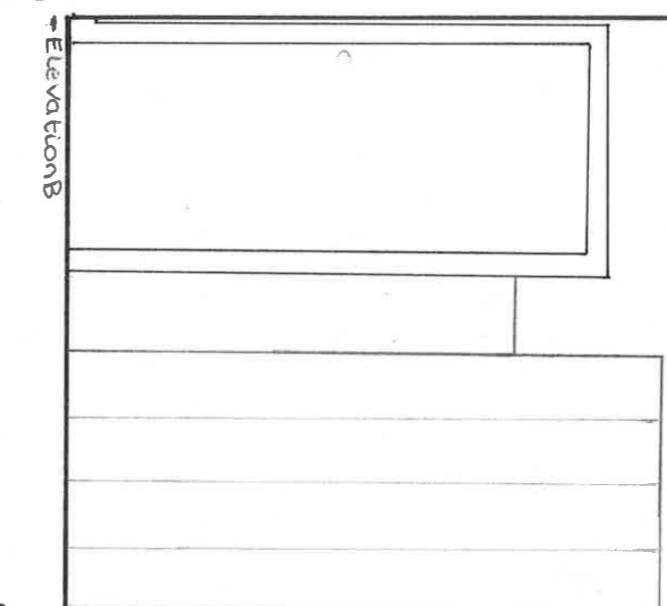
Elevation C



Plan



Elevation A



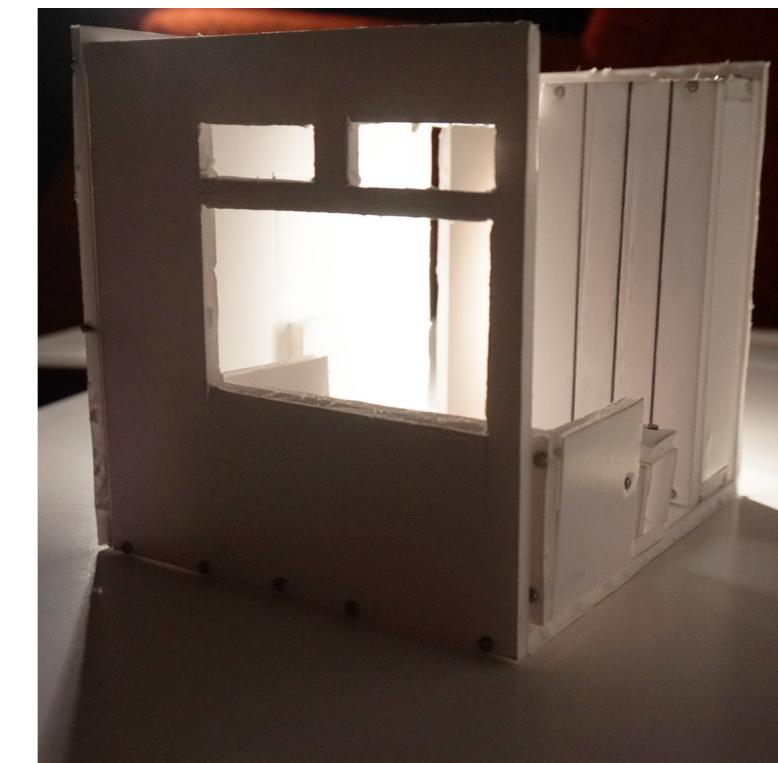
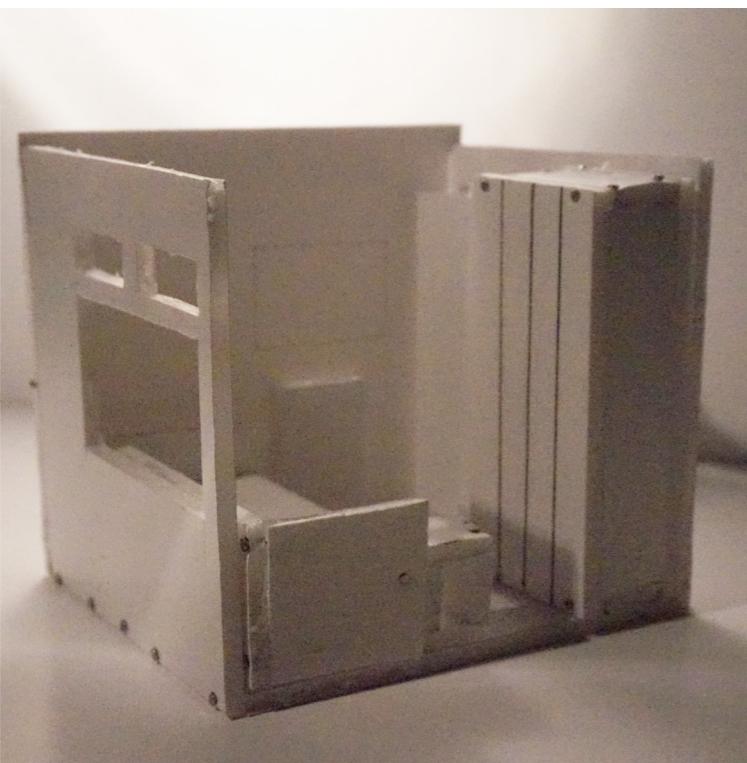
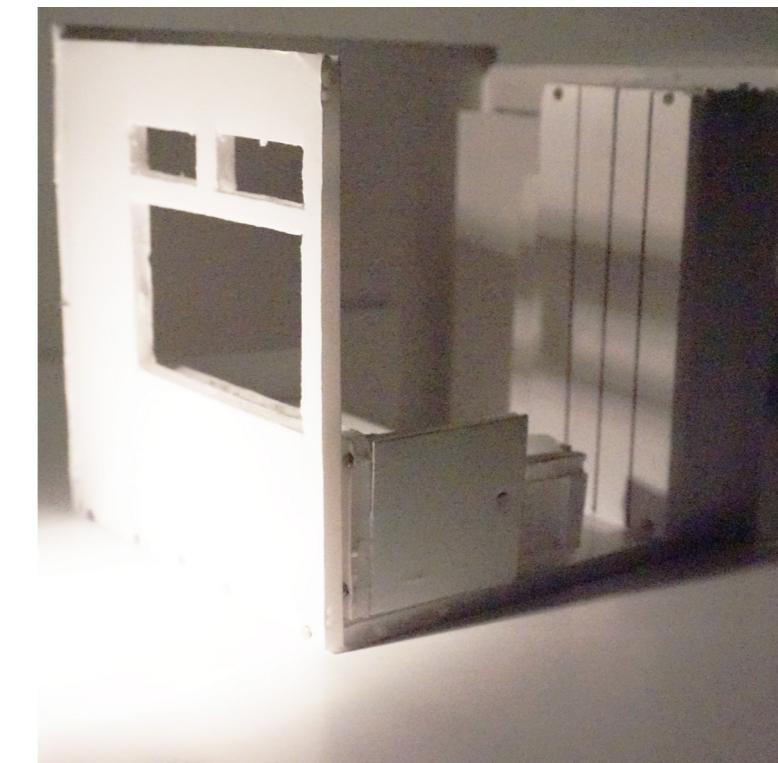
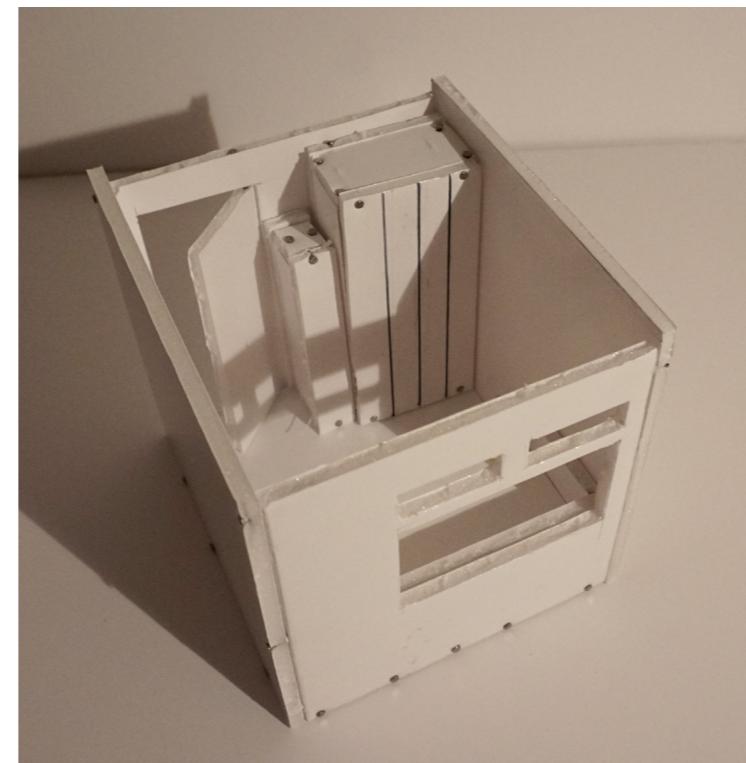
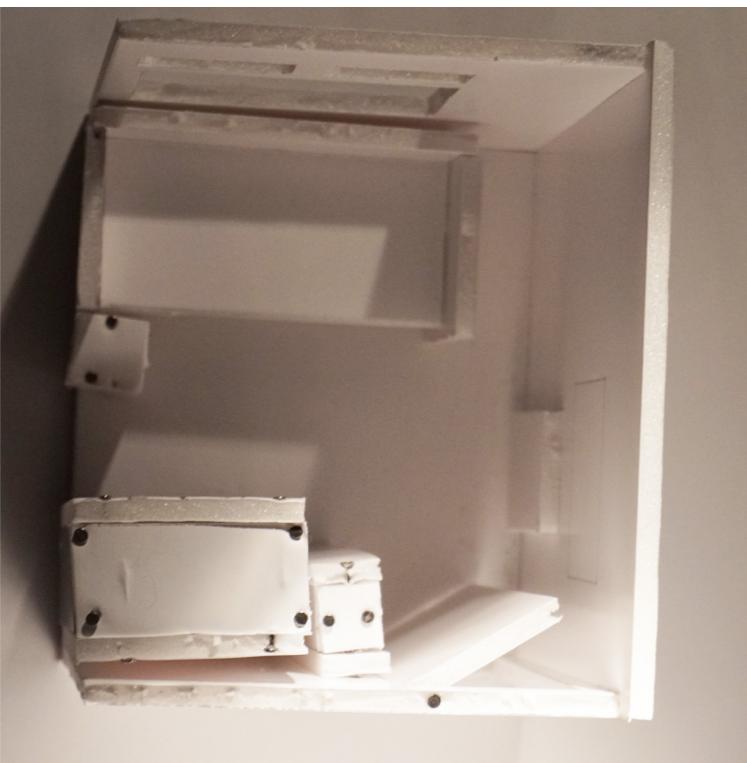
Elevation B

Key:

- Walls
- Doors/Windows
- Furniture

Bedroom Plan and elevation
TDD430_01_03
Scale 1:25
A3 paper
Caroline Pile
4/4/16

Bedroom model



Problem



The student accommodation (Pilgrim halls) is out of date for this generation of students. As there is not enough space to store all the food and other items like blenders, rice cookers etc. Therefore it takes up space on the counters that are designated for food preparation. As a result it is quite tricky to cook in the kitchen.

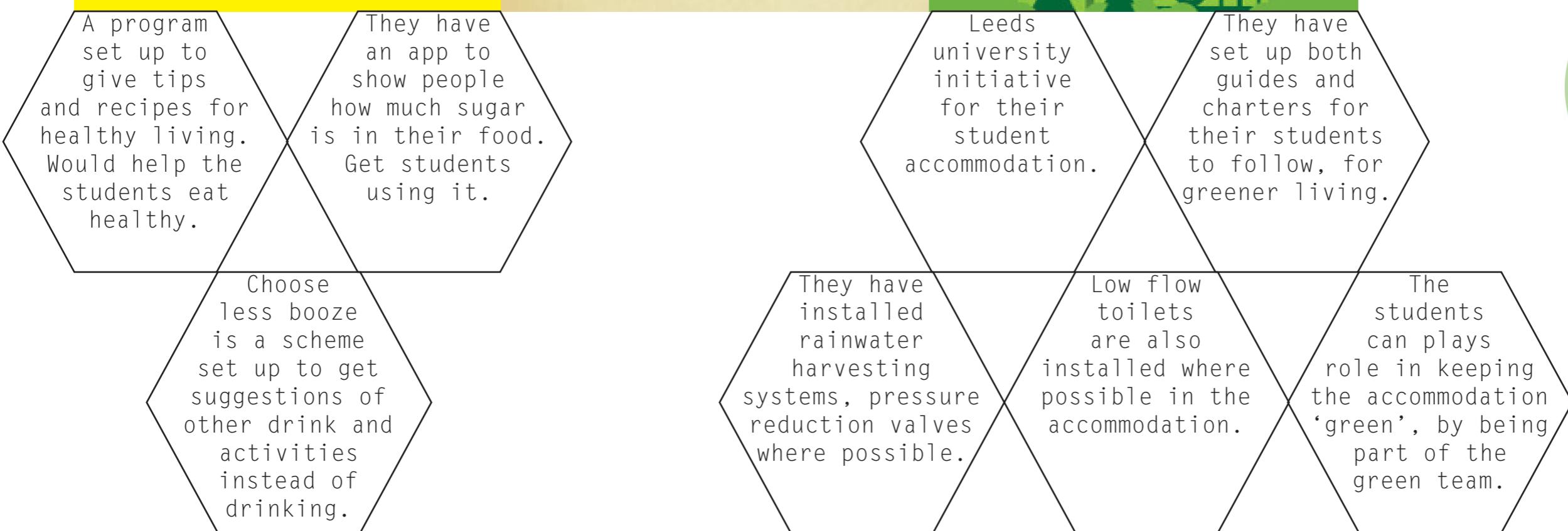
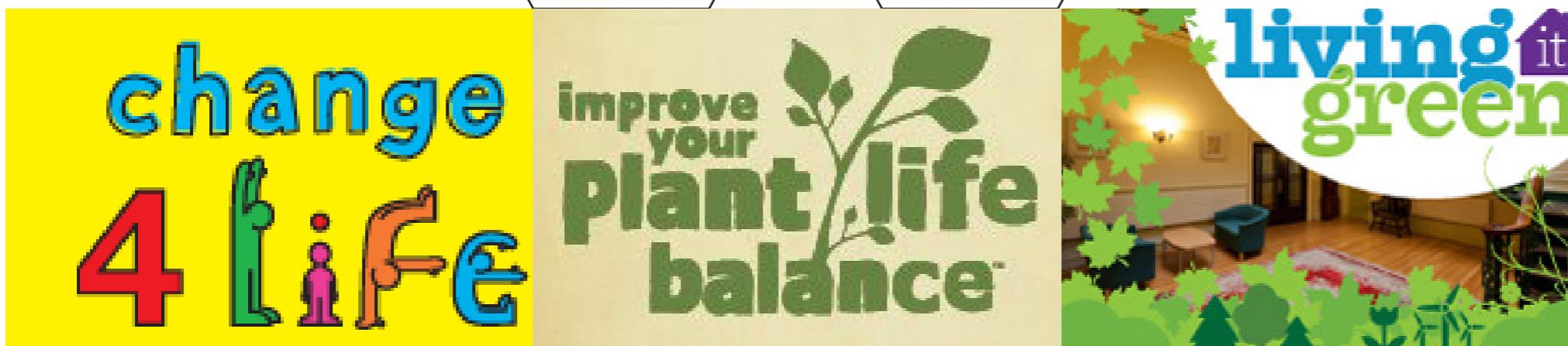
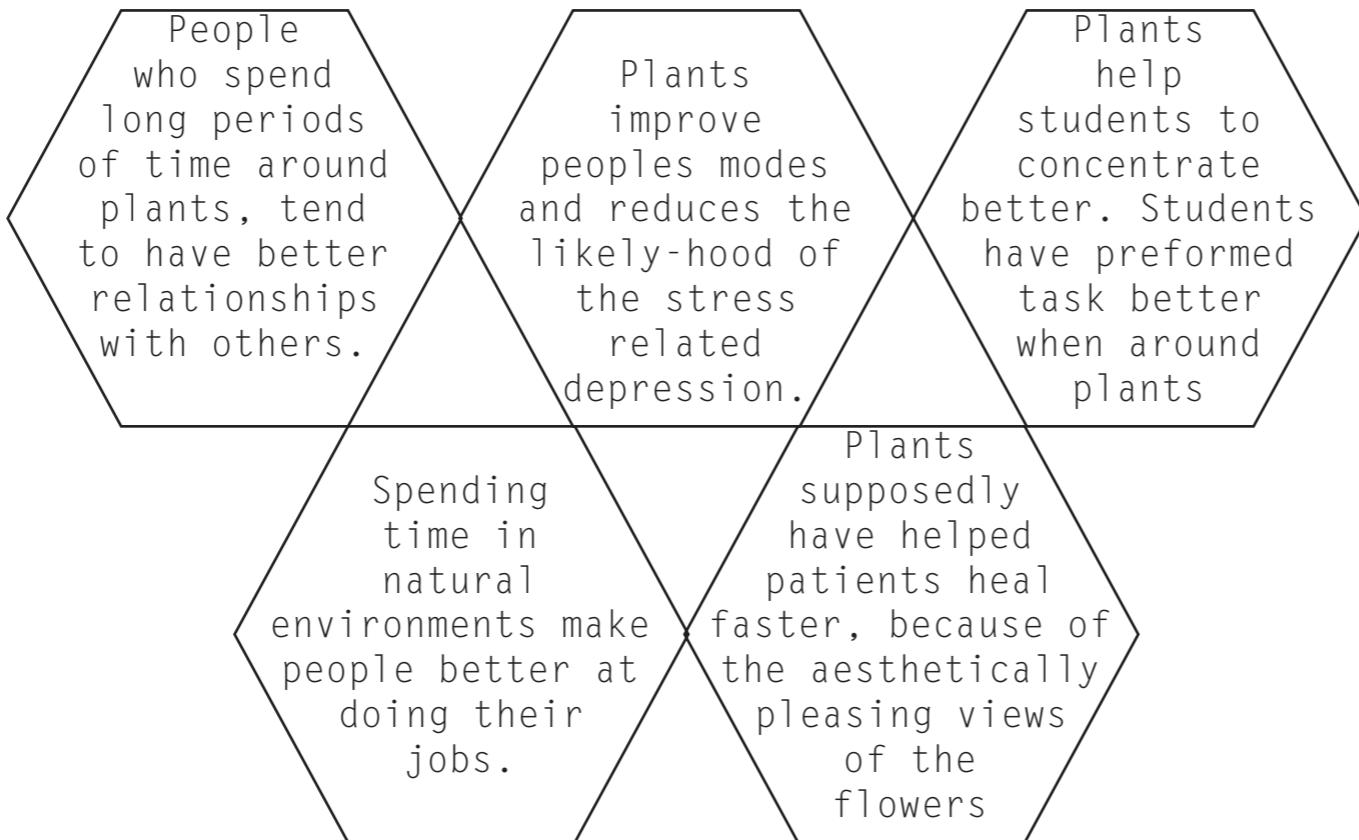
The table in the centre of the room is just big enough to fit 6 students around, but it is very difficult if they want to do work in the kitchen as a group or use laptops. As the table isn't big enough. Furthermore. The plug sockets are not in the best places if your working on the table because either the cables don't reach or the cable have to go over the top of food or dirty dishes.



Lastly the kitchen isn't at all eco-friendly as we only have 3 bins. This generation is a lot more conscientious about the planet than other generations and after speaking to many people would want better recycling systems and to make halls or even just the kitchens more sustainable.

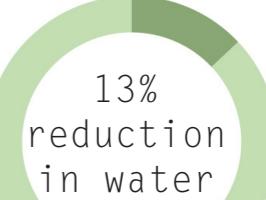
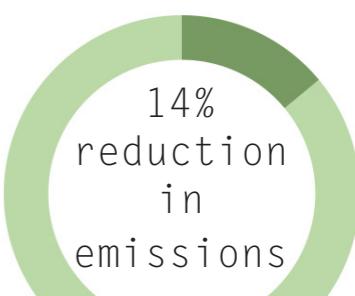
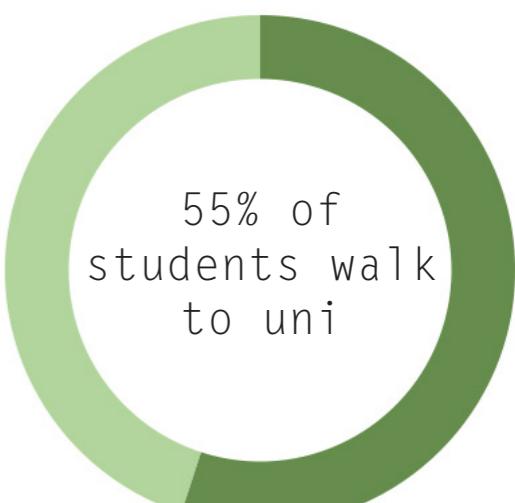


Researching the problem

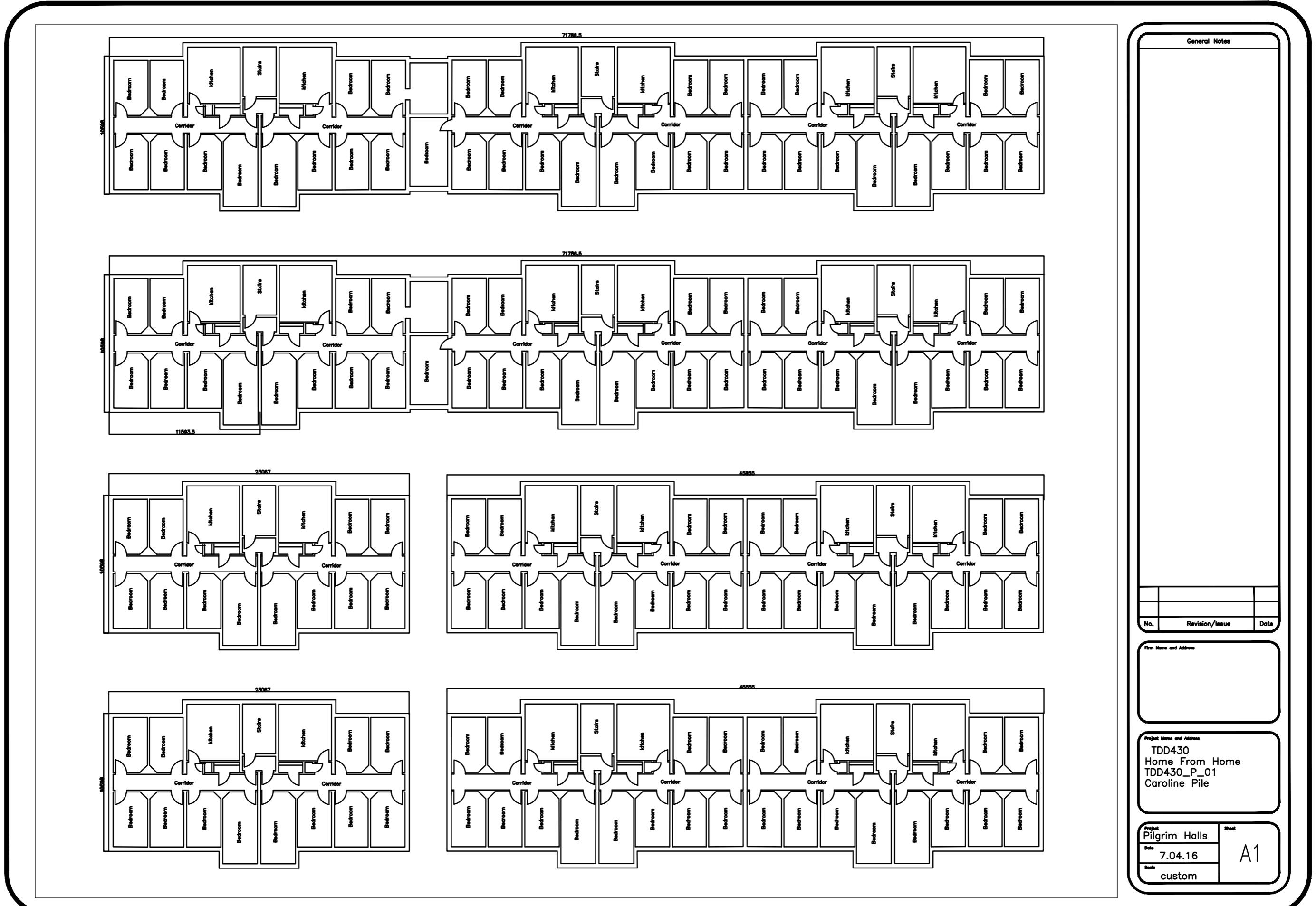


SUSTAINABILITY WITH PLYMOUTH UNIVERSITY

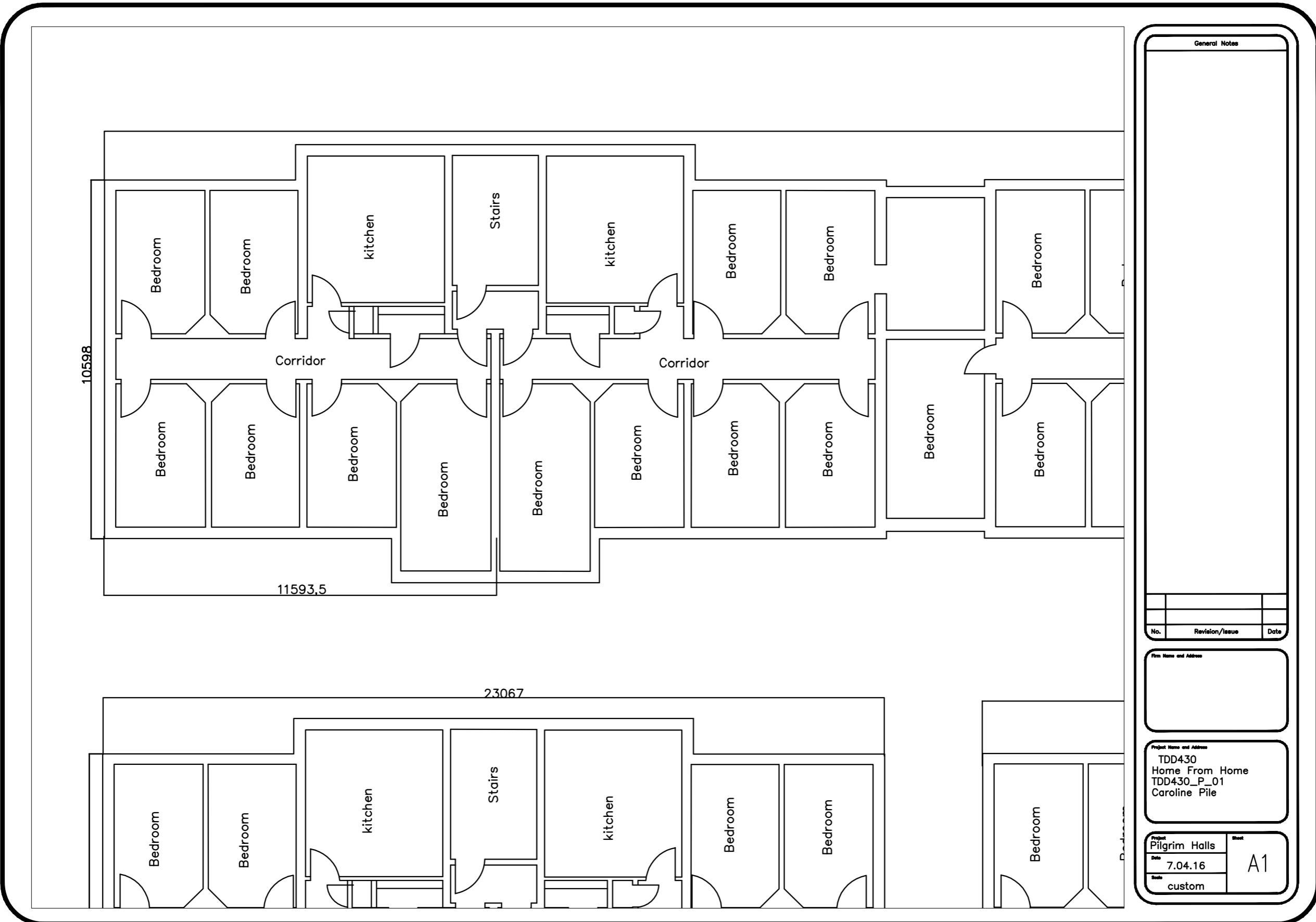
Some statistics from the university report in 2014



Floor plan of the Pilgrim building

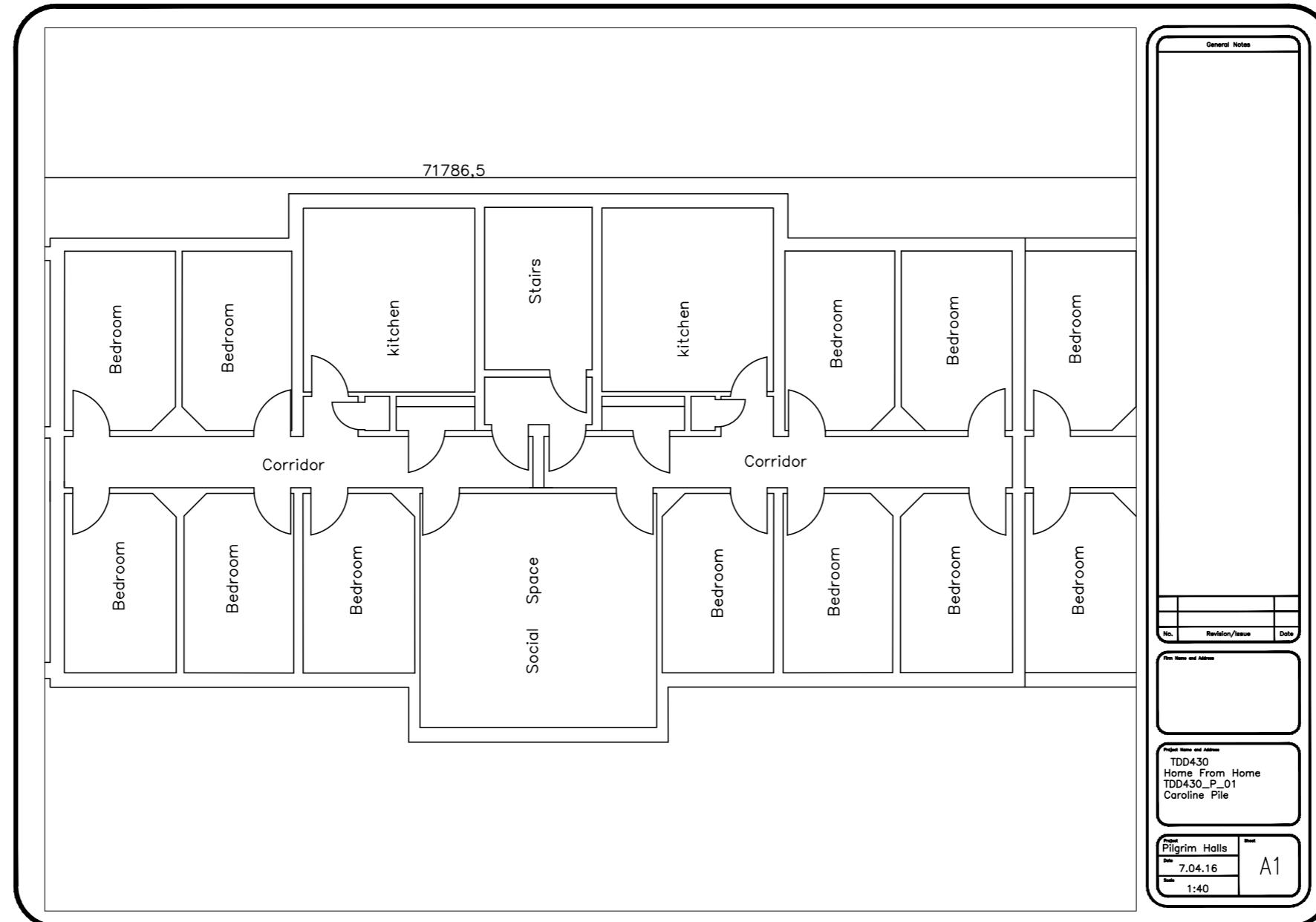


Floor plan of the flat



Ideas - Flat layout

By combining the 2 flats. It changes them from 6 bedroom flats to 2 sets of 5 bedroom flats. With 1 joint social space. This allows the flats to have their privacy, but at the same time makes it easier to hang out with more people. As a result they would be able to access each others flats but only through the social space. Furthermore, this means that their kitchen have 1 sole purpose. Which would be to prepare and cook food. Plus eat in there but they would have the option of the social space as well. To get them out of their rooms more.



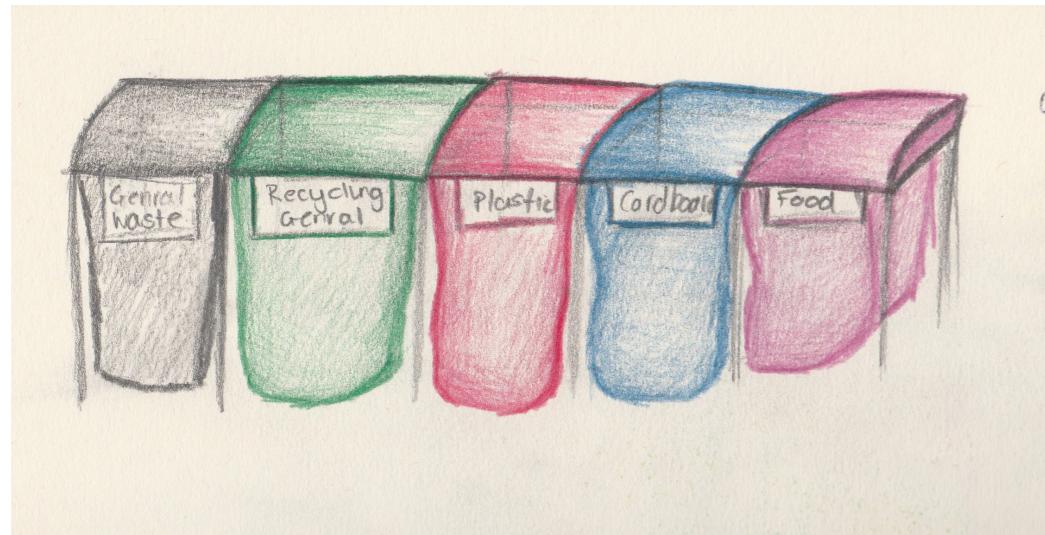
To create the social space the 2 bigger bedrooms are opened up to create one shared study/ social space.

There is also a possibility of creating a balcony or at least an enclosed balcony, attached to the kitchen to bring the outdoors in a bit more.

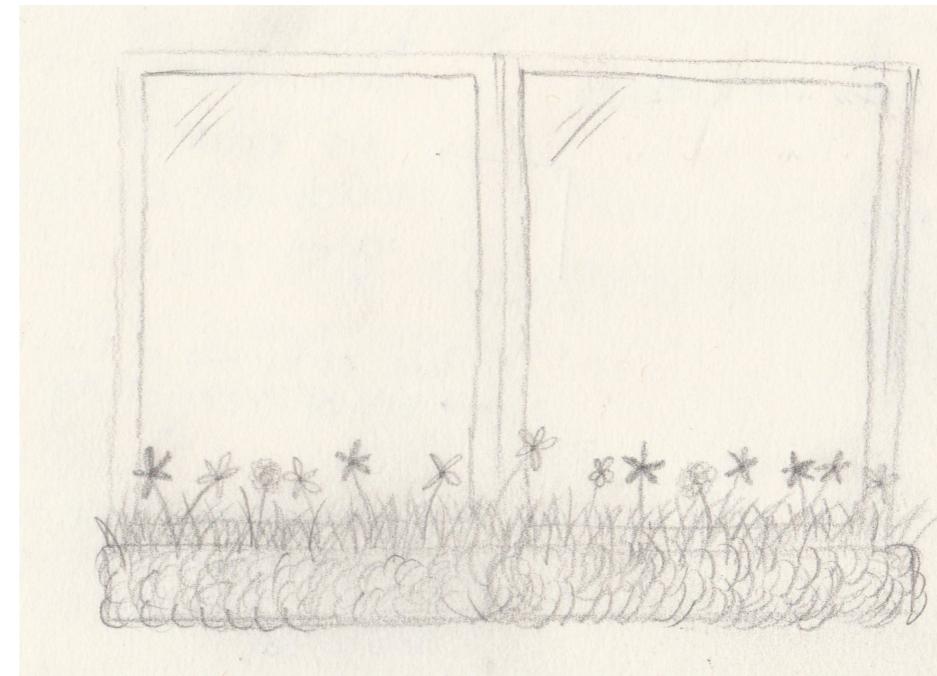


Idea generation

A range of sketches form my sketch book along with a sketch model of the final idea.



Making the recycling easily accessible and identifiable, will encourage the students to recycle more. As limited amount of effort is required. Adding more variety of recycling bins. Using bright eye catching colours will mean they don't necessary have to read the name of the bin they just have to go by the colour of the bin instead.



As previously stated plants have multiple health and study benefits. Additionally, it will mean they will eat healthier if they are growing their own fruit and veg in the kitchen. The idea is to change to change the students behaviour towards cooking.



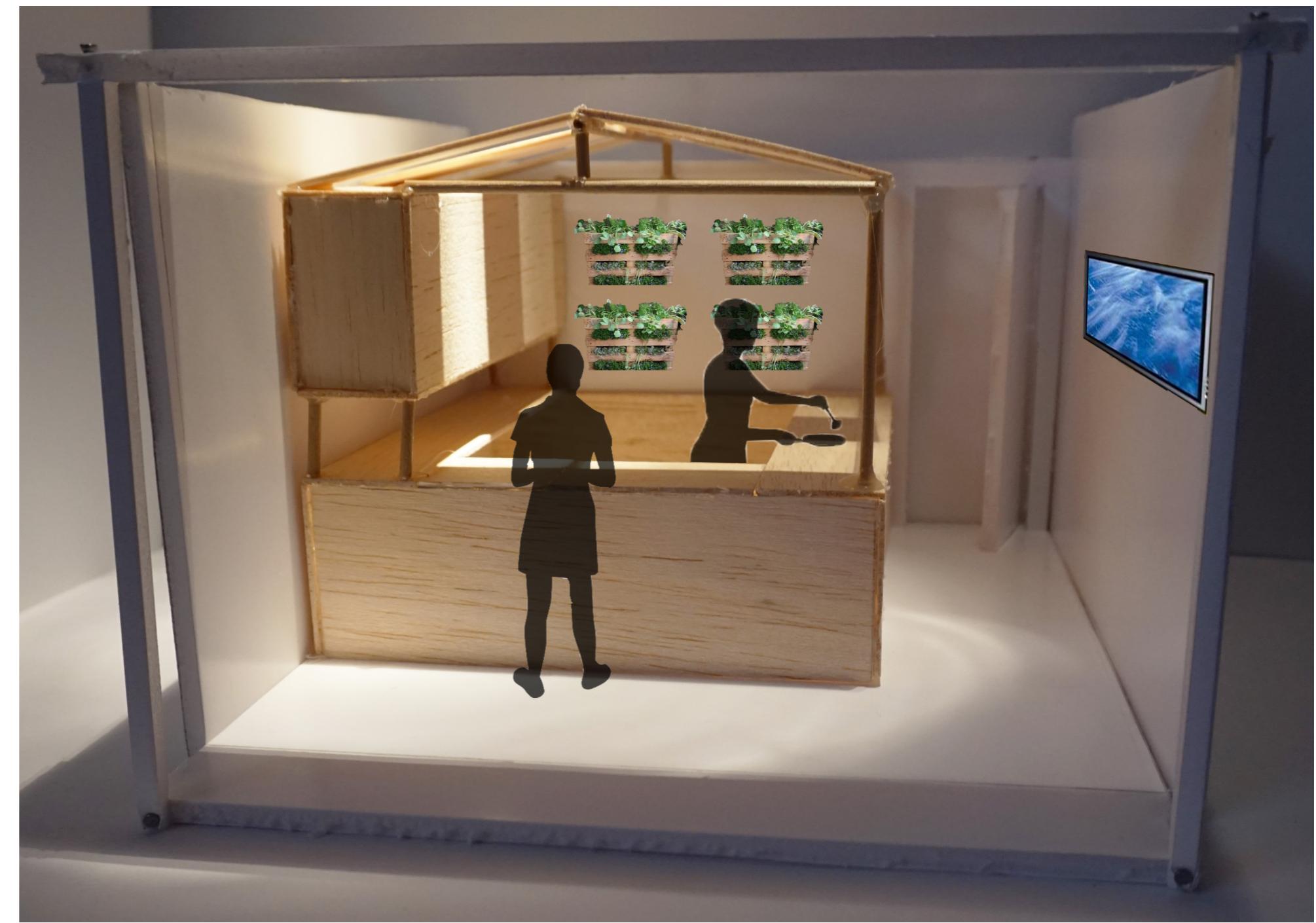
To make the kitchen more sustainable and to bring nature inside. The counter top have been designed in the shape of a green house. This adds more counter space and a bit more storage. This allows access to all the sides from within the centre. The students would flow around the kitchen, prep to cooking to dirty dishes, then cleaning and drying.



models

A 1:20 scale model of the kitchen including the extension of the enclosed balcony. The counter top area includes the wall mounted cupboards to give the students more space and making sure the prep space is clear.

The back wall where the door is would be a living wall where the students would be able to grow their own fruit and veg, which would encourage them to eat healthier. Additionally, it adds a lot of plants and greenery to the flat which has many other health and well-being benefits.

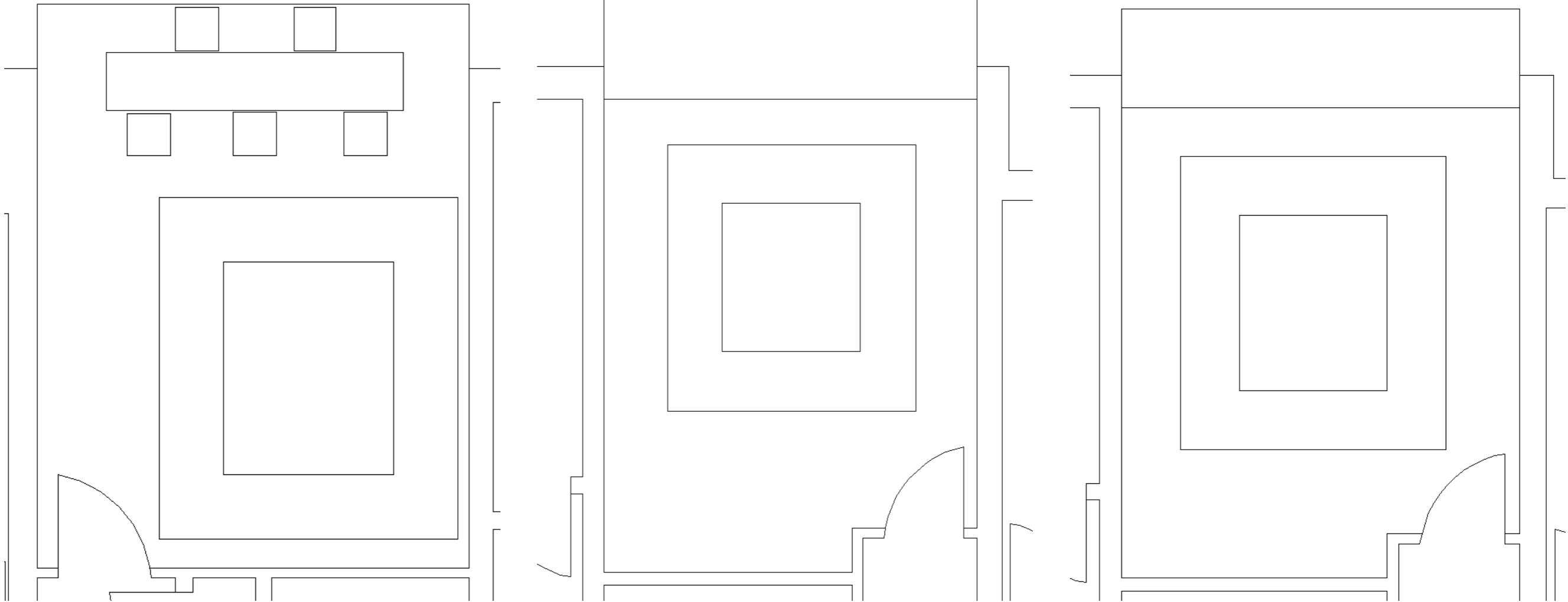


Development



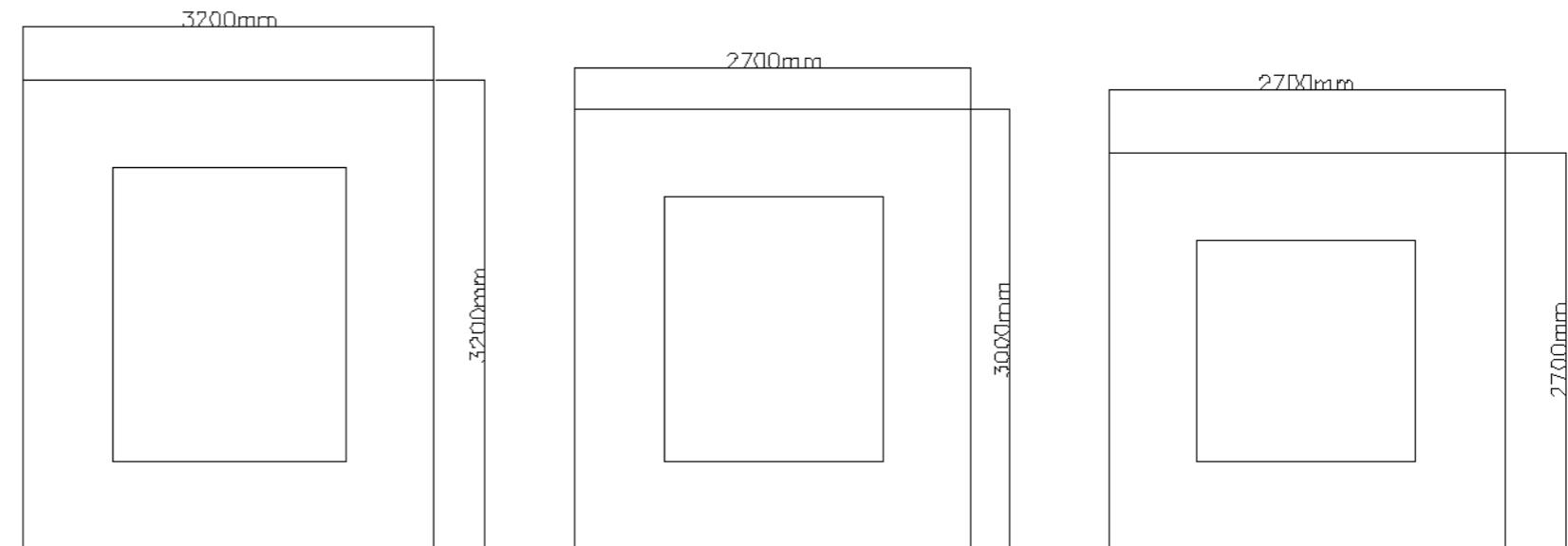
Playing around with the layout of the kitchen and looking at other places in the room the counter top area (green house) could go in the room and how that would affect the users experience. For example it being next to the exterior wall means that it would be more feasible to use a rain water harvesting system to hydrate the living wall.

Development



Using AutoCAD to get the size of the counter tops (green house). Allowed for different sized ones to be created and tested in the space. As there is a storage wall and the unites (green house) are placed in the centre of the room. The water cupboard was removed and now there is ample space for the storage wall at the back of the kitchen.

Giving the kitchen an extra metre for the enclosed balcony means that theres is more space for the table and chairs. Also, means the students can sit inthe window/balcony and eat together.



Development - room Materials



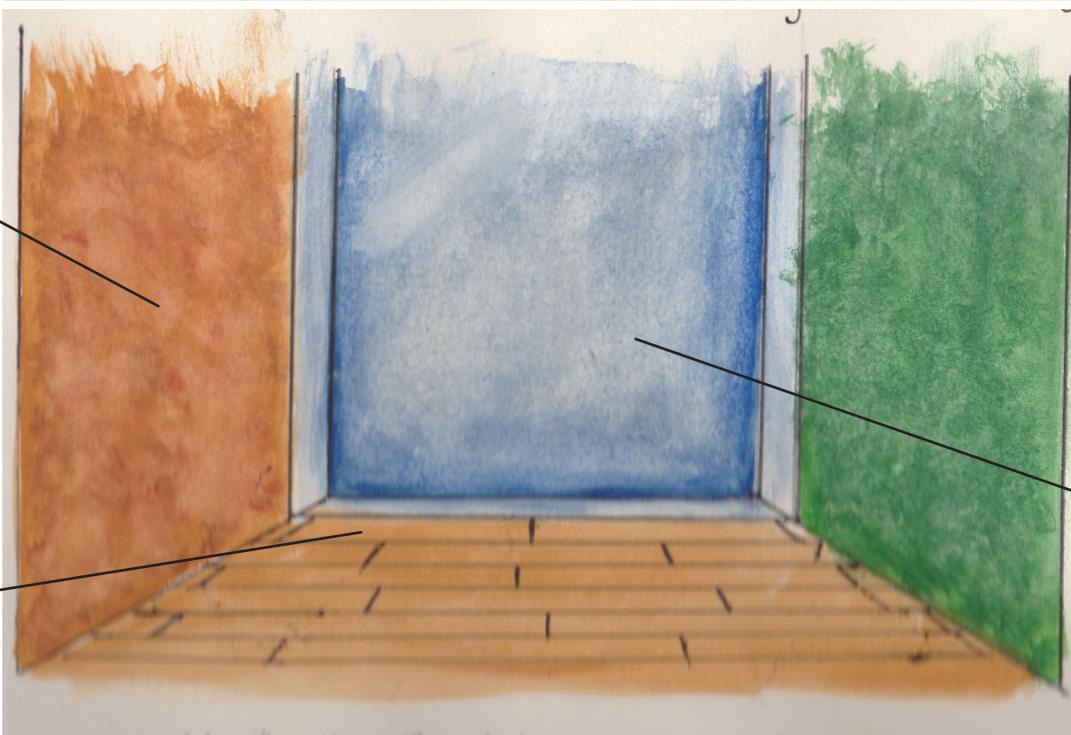
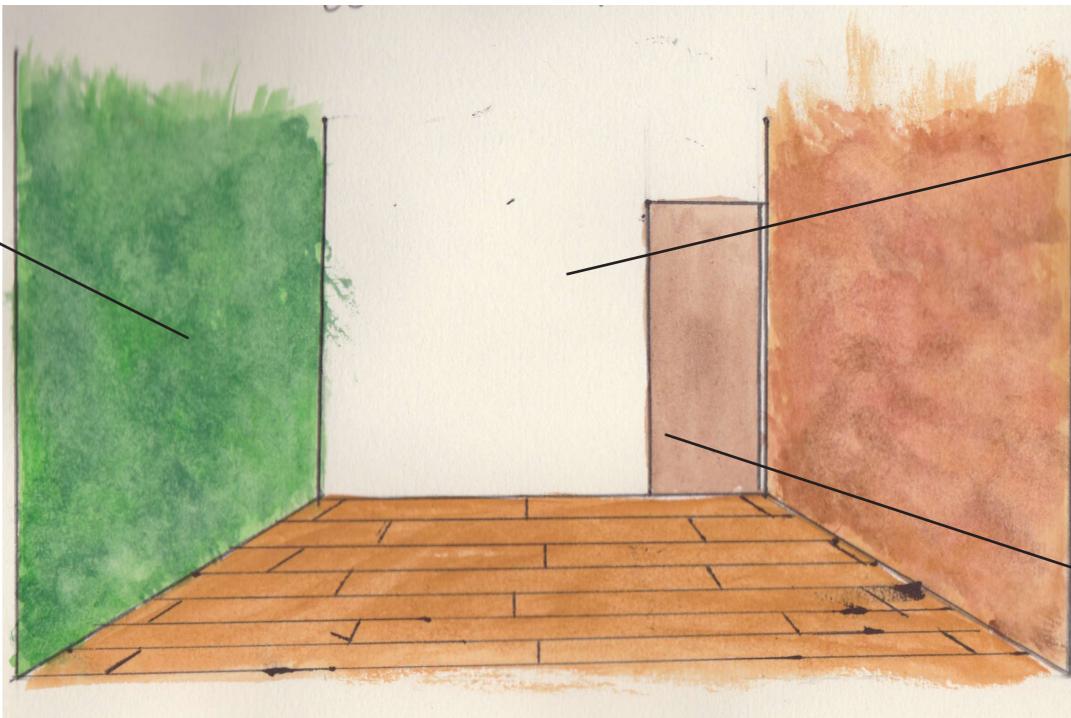
Living wall, allows students to use as an allotment.



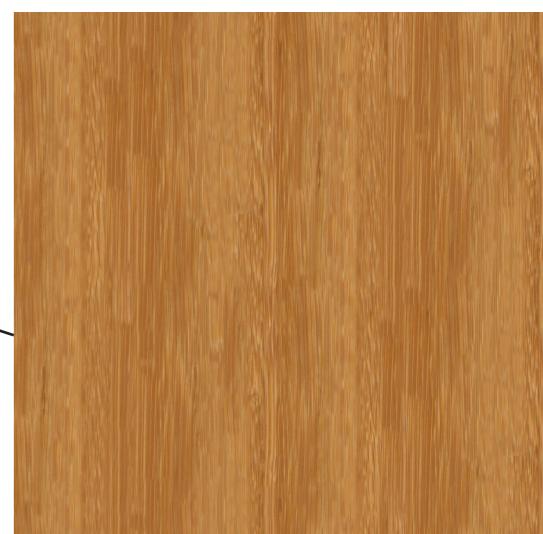
Cork wall



Laminate flooring, makes the room seem more homely.



Storage wall, with table and chairs. That the students can use in the kitchen and social space to eat at. Can also be used to store the recycling units.

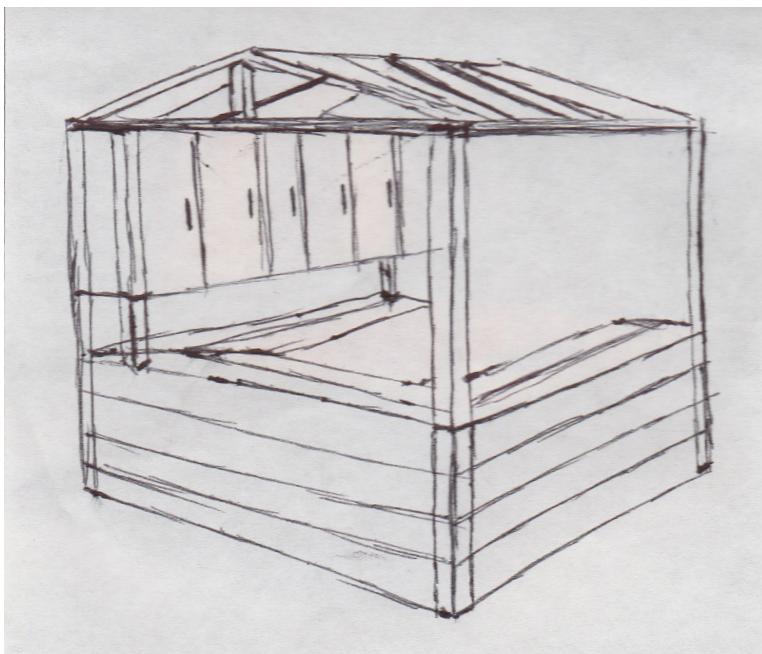
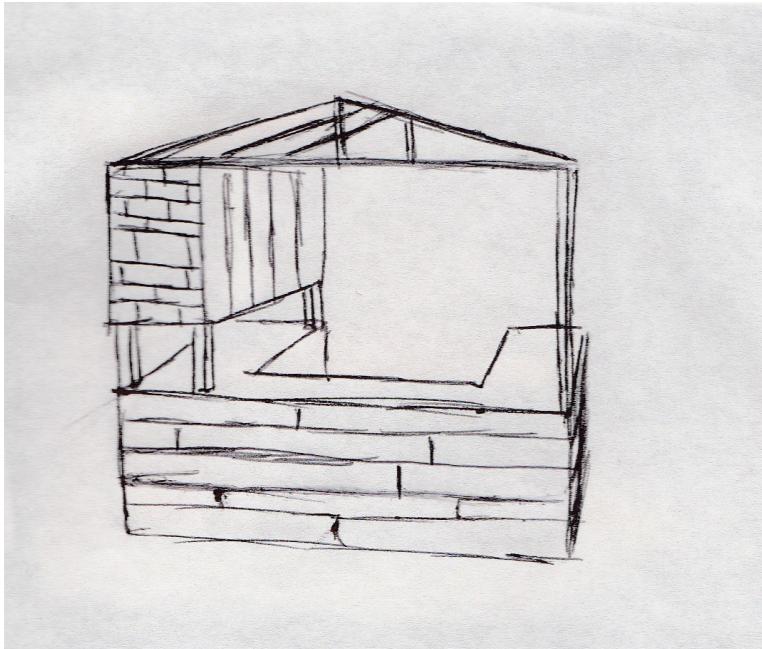


Oak fire door

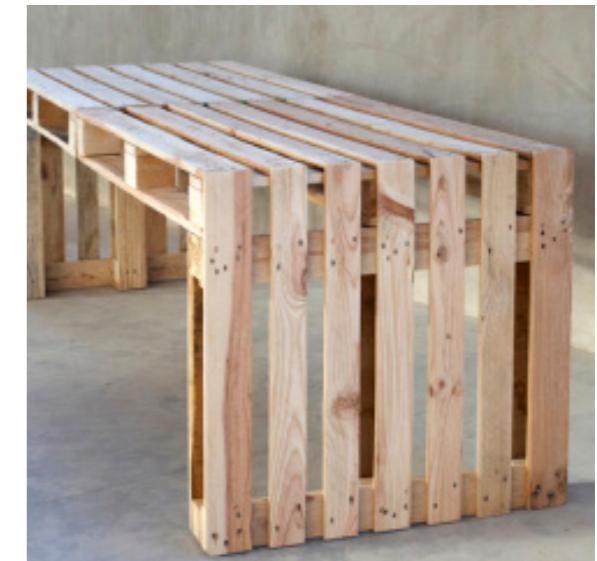


Glass balcony, allows lots of naturel light in, so the students don't need to uses the lights to much and save electricity.

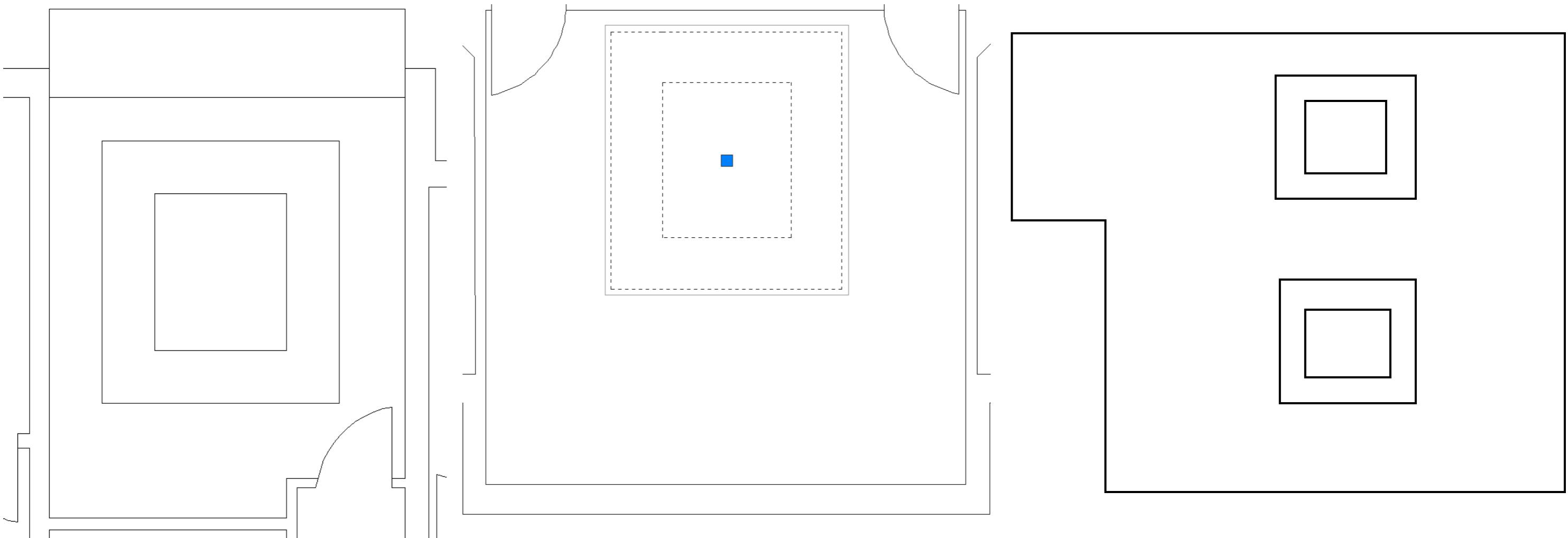
Materials



To make the Kitchen as sustainable as possible. The counter top (green house) area will be made using reclaimed wood. Pallets are made of a strong type of wood either Southern Yellow Pine or Oak. To get the shape the pallets would have to be taken apart. However, they naturally create shelf spaces, of different width and depths that, are useful for the types of food that students need to store, like spice or pasta. Which are completely different sizes and therefore need different shelf, cupboard space.



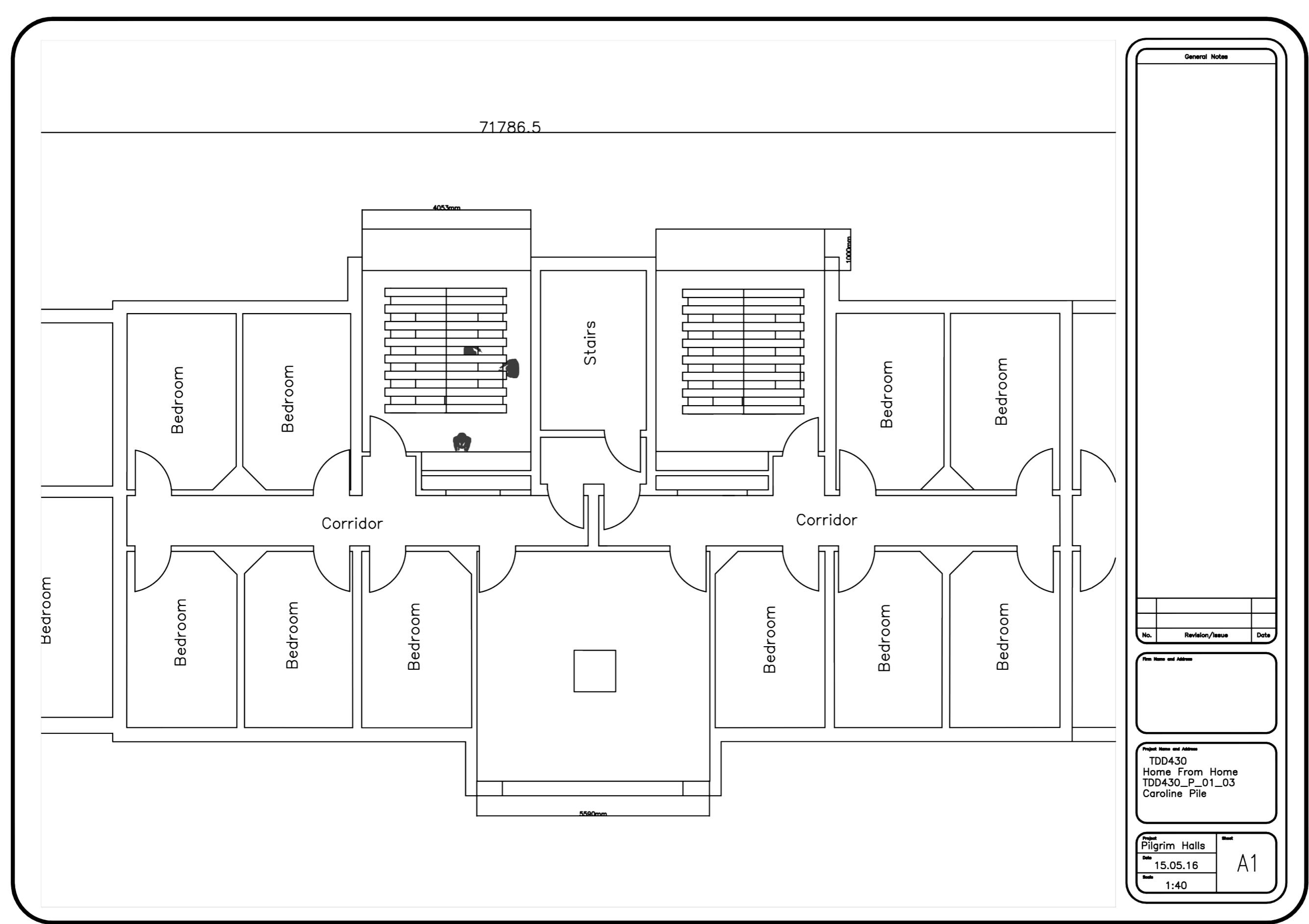
Different sizes



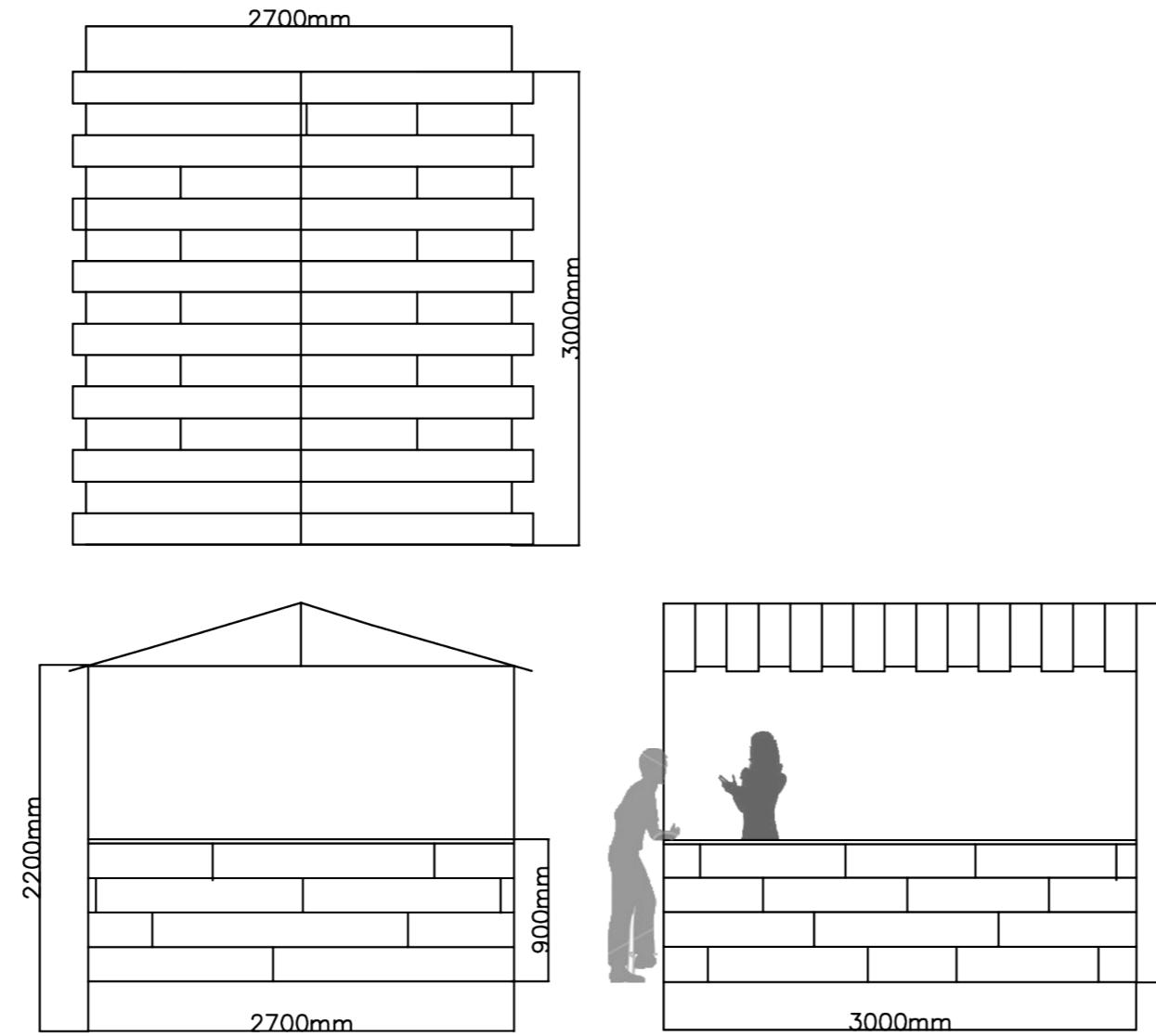
The 'Hut' in it's origanal place in the pilgrim Kitchen.

These drawings demonstrate that the 'Hut' could go in other rooms. As a result have slightly different function depending on the size of the room. For example, in a bigger room there could be breakfast bars around the outside, so that the 'Hut' could easily be used from either side. Also, it would make it more sociable. There is also a possibility of having more than one in a room, depending on the amount of people that will use the room.

Plans and elevations

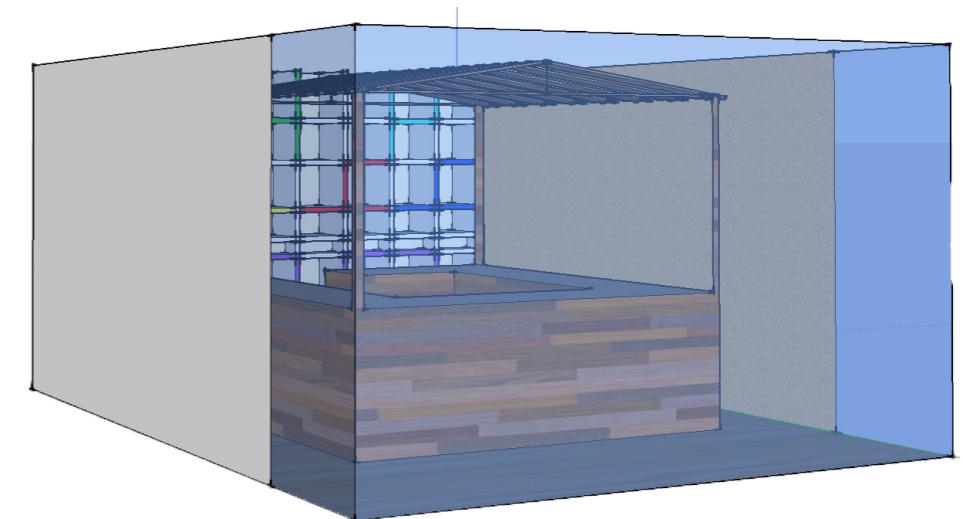
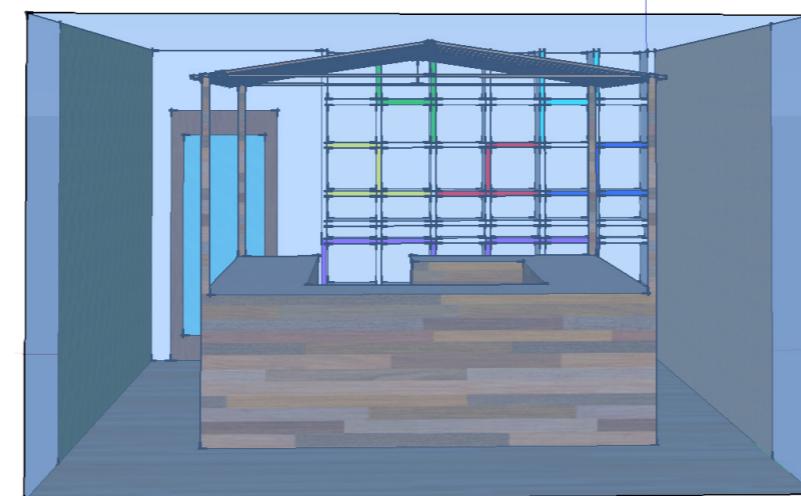
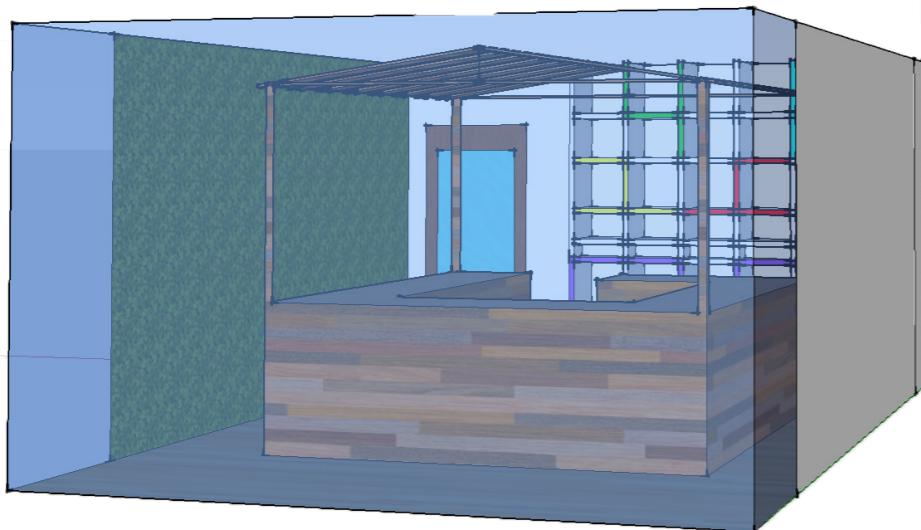
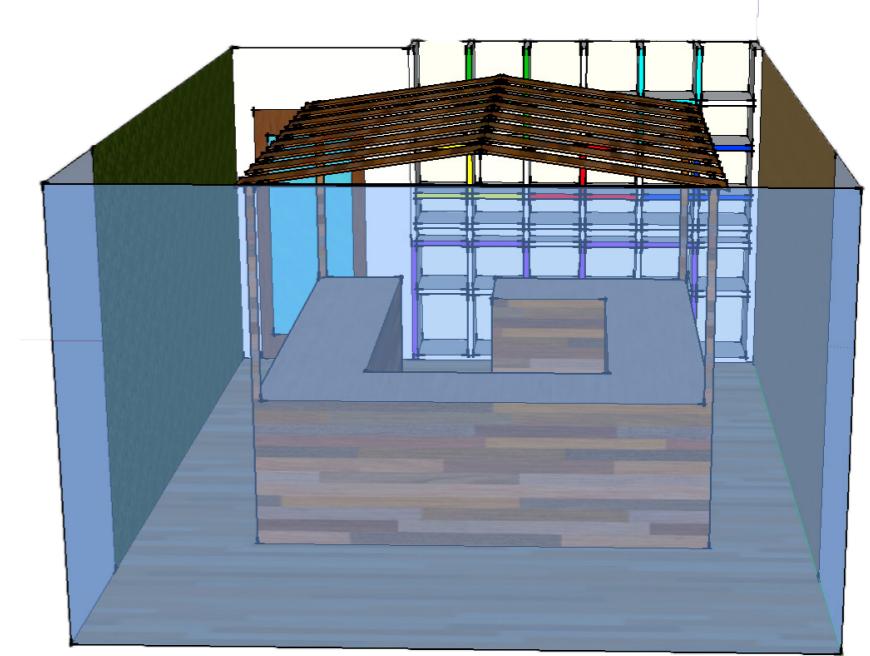
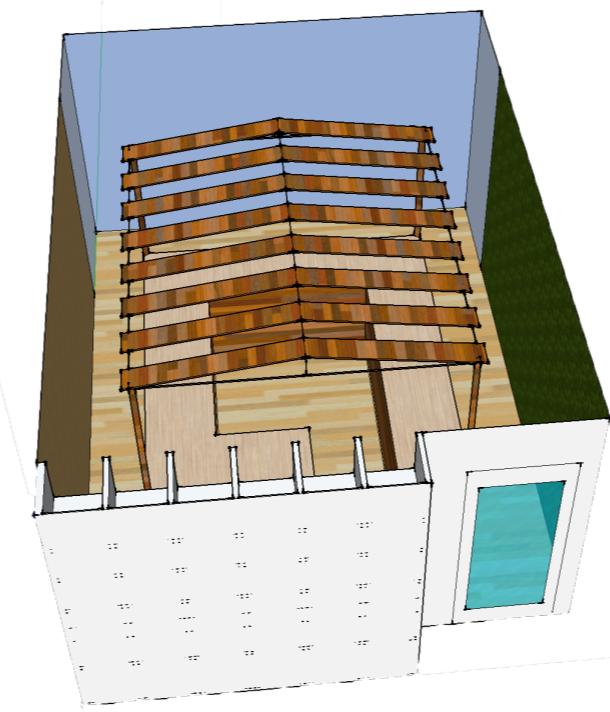
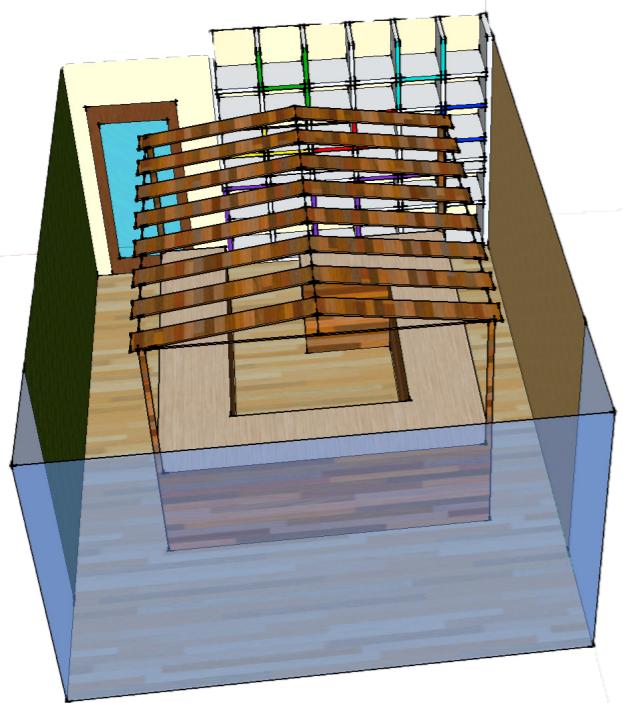


Plans and elevations



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 Pilgrim Halls		Scale
Date 15.05.16		A1
Ratio 1:20		

Sketch model



3D sketch model drawn on sketch up to give a full 3D perspective of the Kitchen.

Visuals

Final visual showing the kitchen in use.

