

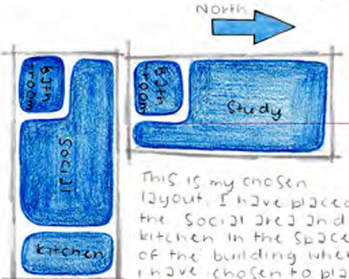
LAYOUT

2



In this layout the ground floor is very crowded resulting in each area being very small. However, the first floor is only being used for 2 social areas.

I am going to experiment with placing other utilities on the 1st floor which will also make the ground floor less crowded.



This is my chosen layout. I have placed the social area and kitchen in the space of the building where I have chosen to place the large glass french doors which will be the entrance to the Senior common room. This is because this is going to collect both the morning and afternoon sun. Therefore it is the best place for an open area. I have placed the bathrooms on the south-west side of the building as this area catches the least amount of sun. The study is located on the first floor as it will be secluded and not as noisy as if it were placed on the ground floor. It is ideal for studying.

I don't think the 1st floor is the best place for a kitchen. This is because it will most likely be a utility people use the most so it is inconvenient for it to be upstairs.

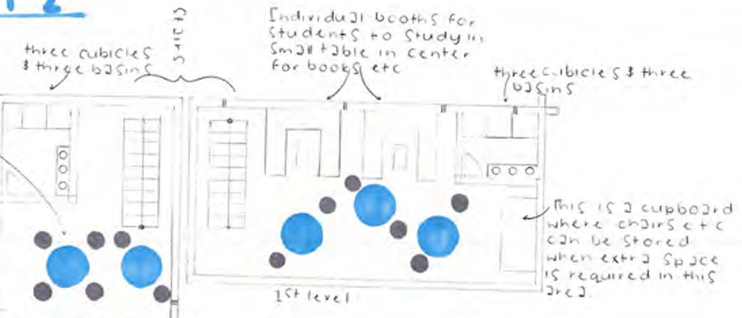
The ground floor is definitely the best position for a social area as it is where everyone will enter the building.

The south-east side of the building corrects most of the days sun. Sunlight is not required for a bathroom so this utility should be moved elsewhere and replaced with a more open plan area which can take advantage of the sun.

This layout is good. It may be more convenient if there were a bathroom on each level so that students using the ground level will not have to travel upstairs, which may disturb the students studying.

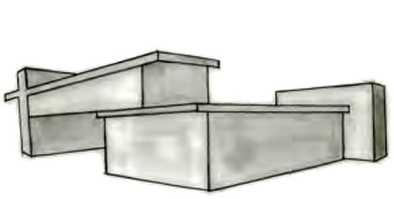
LAYOUT 2

Observed in previous SCR students like circle tables - easier to interact. This is the main entrance to the Senior common room. These doors have multiple ways of functioning they can either open close like a standard door or they can work as bi-fold doors that slide apart to create a larger entrance and better indoor/outdoor flow.



Large L shaped couch for students to sit on and socialize.

This is the kitchen, which is formed in an L shape. This particular shape was chosen after considering the comments made by year 13's using the previous Senior common room. The kitchen is very small and crowded. We need a larger kitchen space because only 3 of us can fit in the kitchen at a time, which is not ideal. I made sure this was one of the user's priorities. I placed 3 bar stools around the kitchen bench as an extra eating space or where students can easily interact with people using the kitchen.

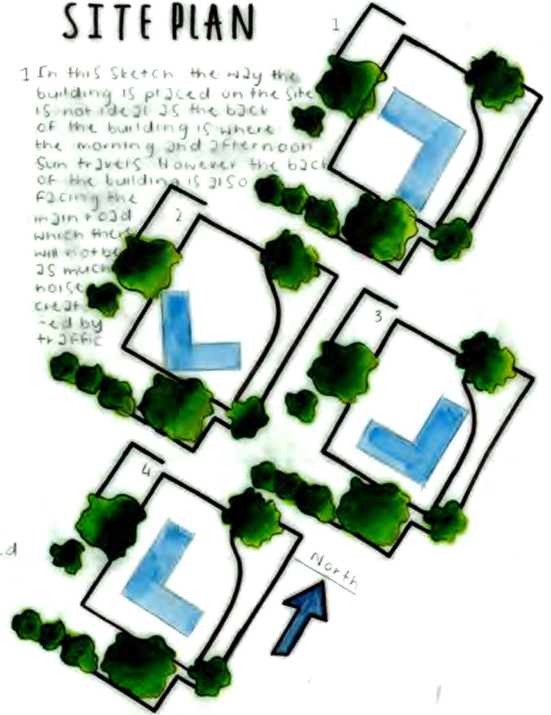


SITE PLAN

2 The way the building is placed on the site is not ideal either it would not be very easily accessed by the students as it is blocking the current pathways leading to the site. However, it is in a position that would collect both the morning and afternoon sun.

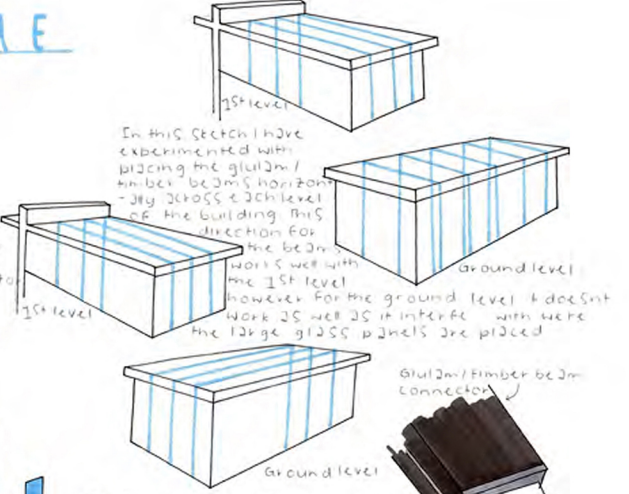
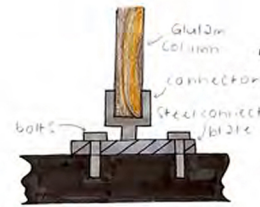
3 If the building were placed on the site like this, it would be very easily accessed by students using the facility however it is not very secluded from the school. It will also not collect the afternoon or morning sun.

4 I chose this way of placing the Senior common room as it can be easily accessed by the users. The open area is under the direct sun path allowing it to capture both the morning and afternoon sun. It is private and secluded from the rest of the school and the existing trees located on the east side of the site will block any noise from traffic on the main road.



2

STRUCTURE



In this section I have experimented with placing the glulam/fiber beam horizontally across each level of the building in the direction of the beams. This works well with the 1st level however for the ground level it doesn't work as well as it interferes with where the large glass panels are placed.

I have kept the 1st level beams in the same direction however I have changed the ground level beam direction. This way the beams are not visible from the outside. The glulam/fiber beams are only visible from the interior of the building. I feel this adds an element of interest to the inside of the building.