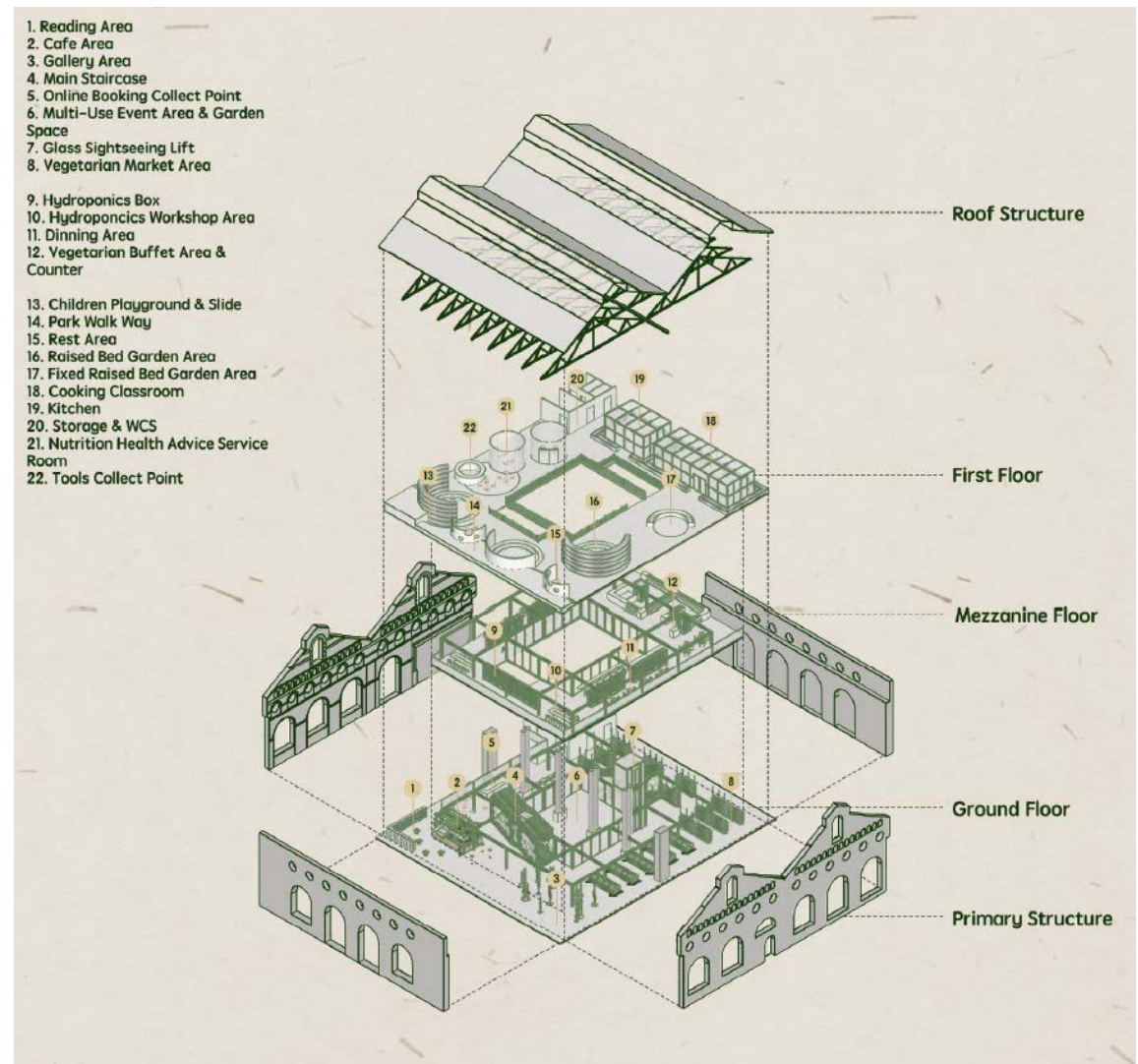


Green Market

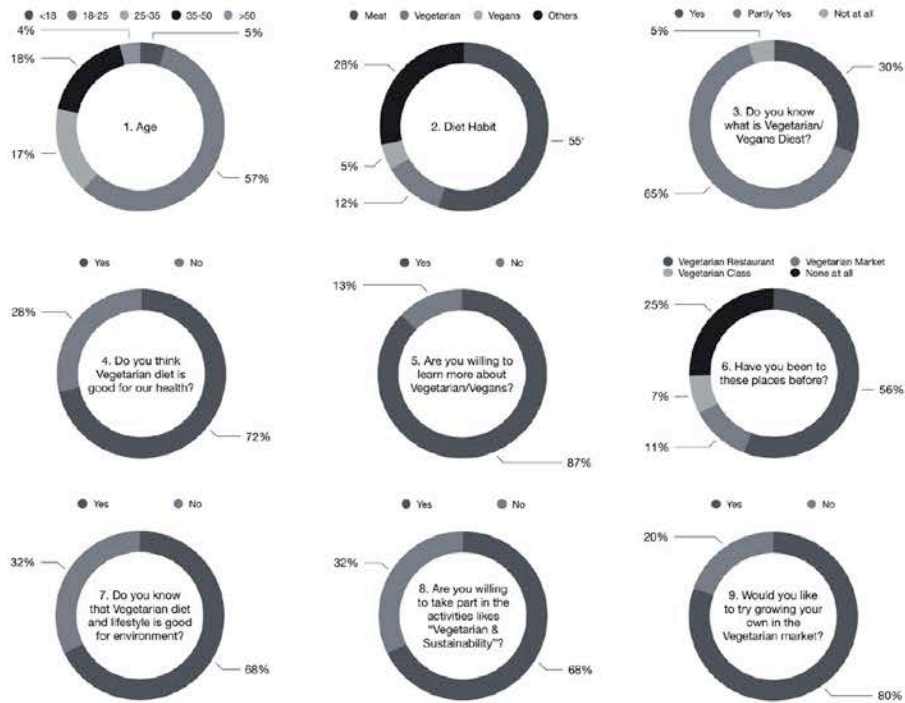
The theme of my design is a community vegetarian and vegan market and an indoor growing space. The site has good daylight conditions which allows for a growing area and provides health benefits for those visiting and working in the market.

The design is not only for a space which provides cooking ingredients, food and teaching about the vegetarian lifestyle (through cooking classes), it is also a space that encourages the whole community to be more sustainable and reduce their impact on the environment. A "Grow your own" area is available for everyone who wants to try and learn about growing veg and micro-greens; to rent as their own or share as part of their community.



Questionnaire Survey for Green Market

104 residents has took part in the questionnaire survey, the report has been shown as pie charts below:



Why designing Green Market? (Market+Social)

What is Green Market?

- Vegetarian, Vegan, Urban Farming...

- It is a market space and community area for local residents and vegetarians who prepare to go veggie to buy ingredients, study what is vegetarian diet and how to eat vegetarian diet correctly, as well as social.

- This is also a place to encourage meat-eaters to go a short-term vegetarian diet in order to protect the environment because eating a vegetarian diet can reduce climate pollution and prevent more animals from die in fear and pain.

- Some veggies have the vegetarian diet incorrectly which may lead to a imbalanced diet, for example, an imbalanced diet will lead to anaemia which make people feel headache and ill. There should be a place to provide a education of how to be healthy vegetarain diet.

- Also there are quite many people misunderstand what is vegetarian, they thought it is unhealthy diet which damage our body health and un-delicious. The Vegetarian Market will be a good place for people to understand vegetarian correctly and get a chance to taste some delicious vegetarian drinks and meals here.

- Last but not least, the Green Market will aim to offer local residents a place to grow their own food and rent the land for them to have their own garden. This aim also meet the goal of local government. What is more, grow locally can help to promote sustainable development because of reduction in transportation and waste.

Inspiration

The inspiration of this project comes from two directions --

- The "Park" concept

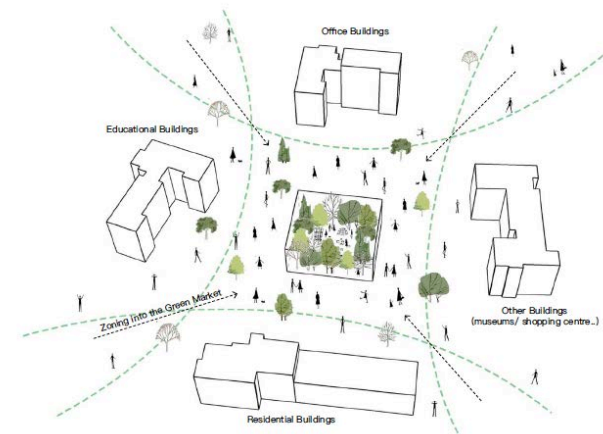
Vegetarian and urban farming are both related to greenery, therefore this inspired me to create a space feel like a park and forest.

- The Fibonacci Sequence

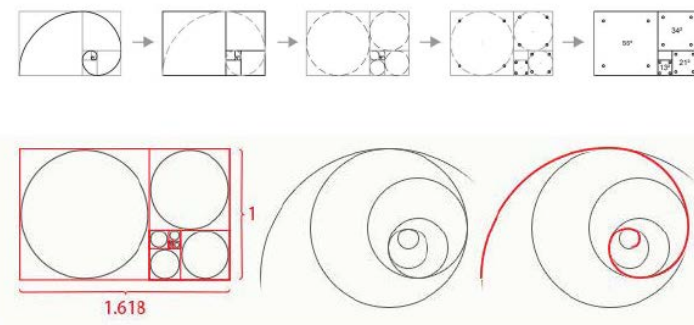
There is non-visual connection to nature, such as naturally occurring materials, nature elements: a Bee Hive and Fibonacci Sequence. Therefore I am going to use the Fibonacci Sequence in the market design.

Two different directions of inspiration elements was combined to form groups of shapes and blocks that work in the space of the Green Market.

Concept Drawing of Green Market



"Park"



There are many trees and other greenery in the park, I want to transform this into my Green Market. I am going to simplify the shape of trees as the diagrams show above. I am going to use the metal frames in my space, when people walk in the Green Market, they will feel like walking through the forest. Therefore, in my final proposal, there are many vertical metal frames in my space used as shelves, plant walls, partitions ect.,.



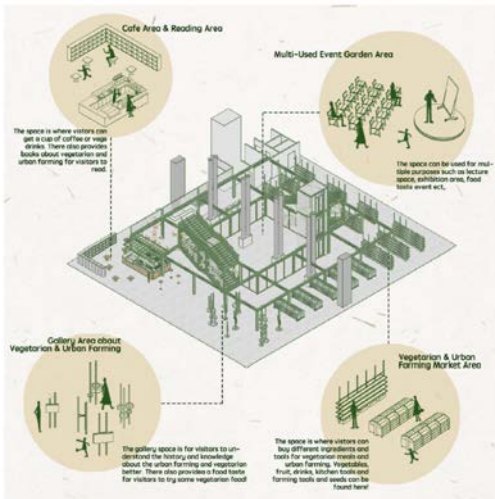
View of the Raised Bed Garden Area

On the first floor, the space is bright and open. The original structure of the roof is windows which allow the sunlight get into the building. Therefore, the first floor is the best choice for raised bed garden. There is also park playground and walkway around the raised bed garden area. Visitors can walk around, take rest and enjoy the greenery and sunshine. Pets is also allowed here! The first floor is a good place for family, children, the old people come to spend their spare time.

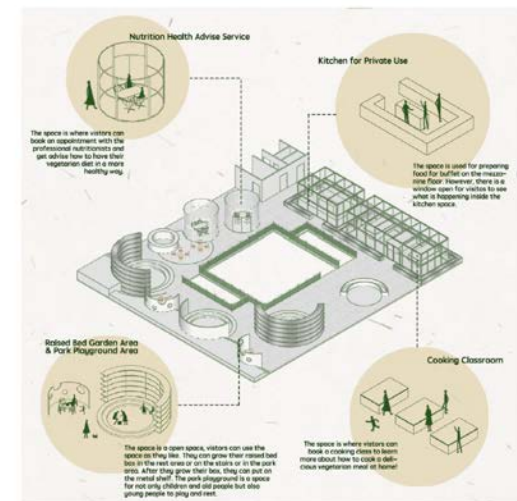
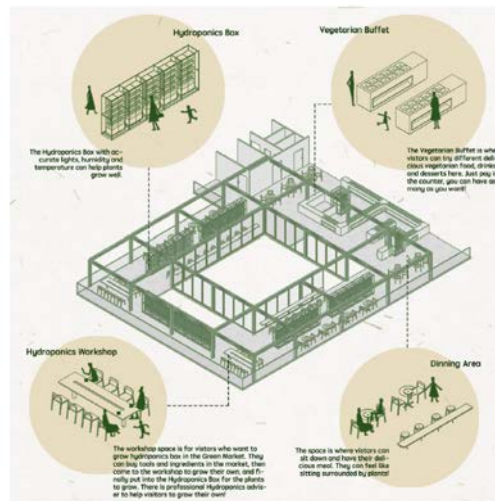


First Floor Program Diagram

Ground Floor Program Diagram



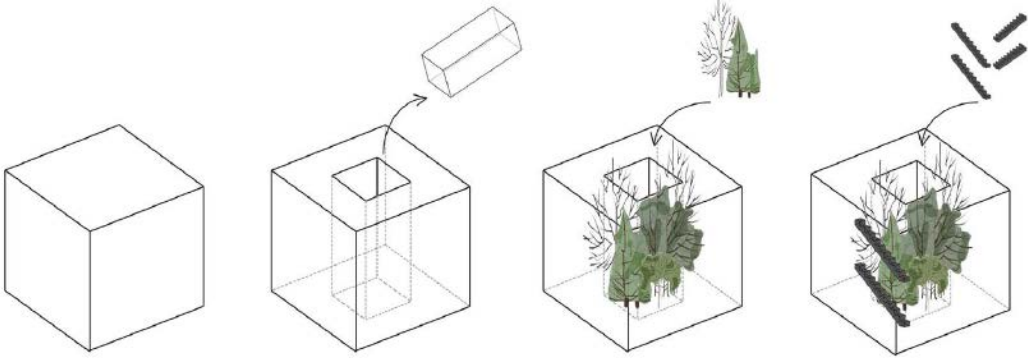
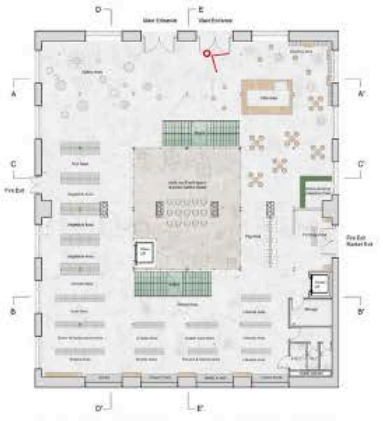
Mezzanine Floor Program Diagram





View from Entrance to the Cafe & Reading Area

The Cafe and reading area is located on the ground floor and just next to the entrance. The Cafe area offers visitors coffee, vegetables and fruit juice as well as some vegetarian cakes and salad. There is a reading area next to the Cafe area which provides visitors books and magazines about health diet, Vegetarian, farming and so on. There is also sitting area for the cafe and reading area behind the counter.

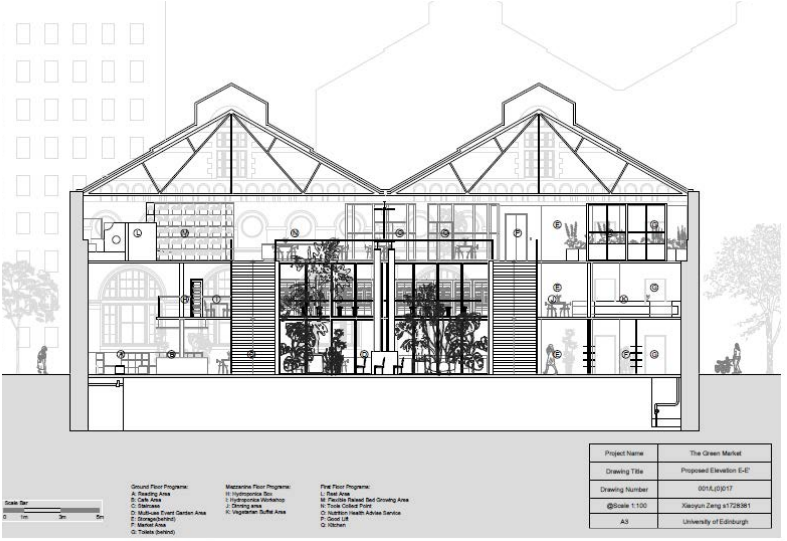


Taking the market space as a box

Taking a smaller box from the existing box

Inserting plants into the hole and the space becomes a forest-like space

Inserting stairs surround the plants which becomes the main vertical circulation



Project Name	The Green Market
Drawing Title	Proposed Elevation S-E
Drawing Number	001A/0517
Scale	1:100
Designer	Xiangjun Zeng #1728361
Client	University of Edinburgh