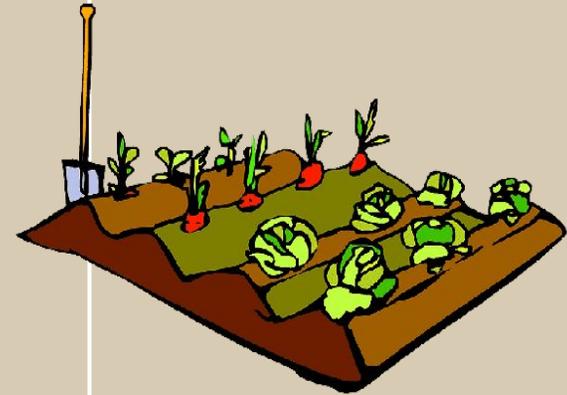


March 13, 2022

IUP Design Competition



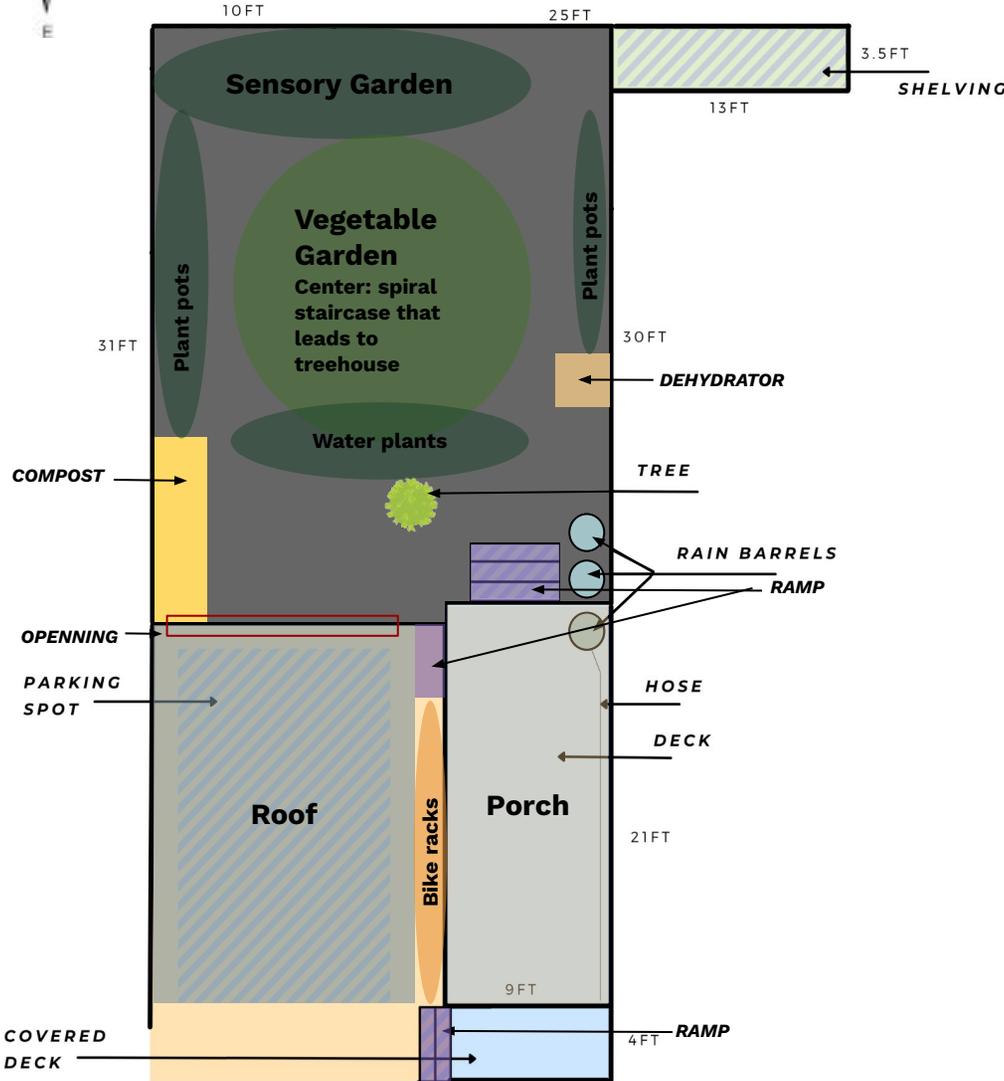
St. James Town
Community Co-op

Team 12: Amy H, Meehan A, Isabella K & Daphne Z

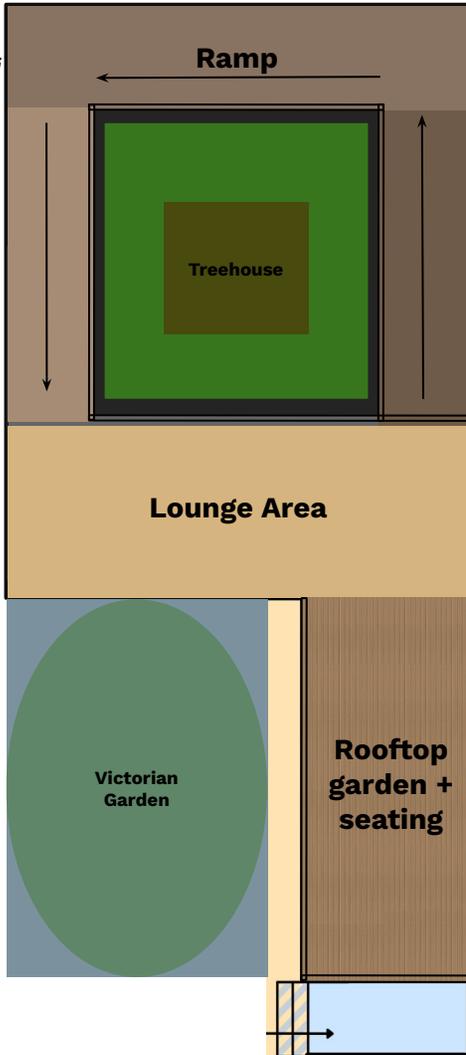
Bubble Diagram



Ground Floor



Second Floor



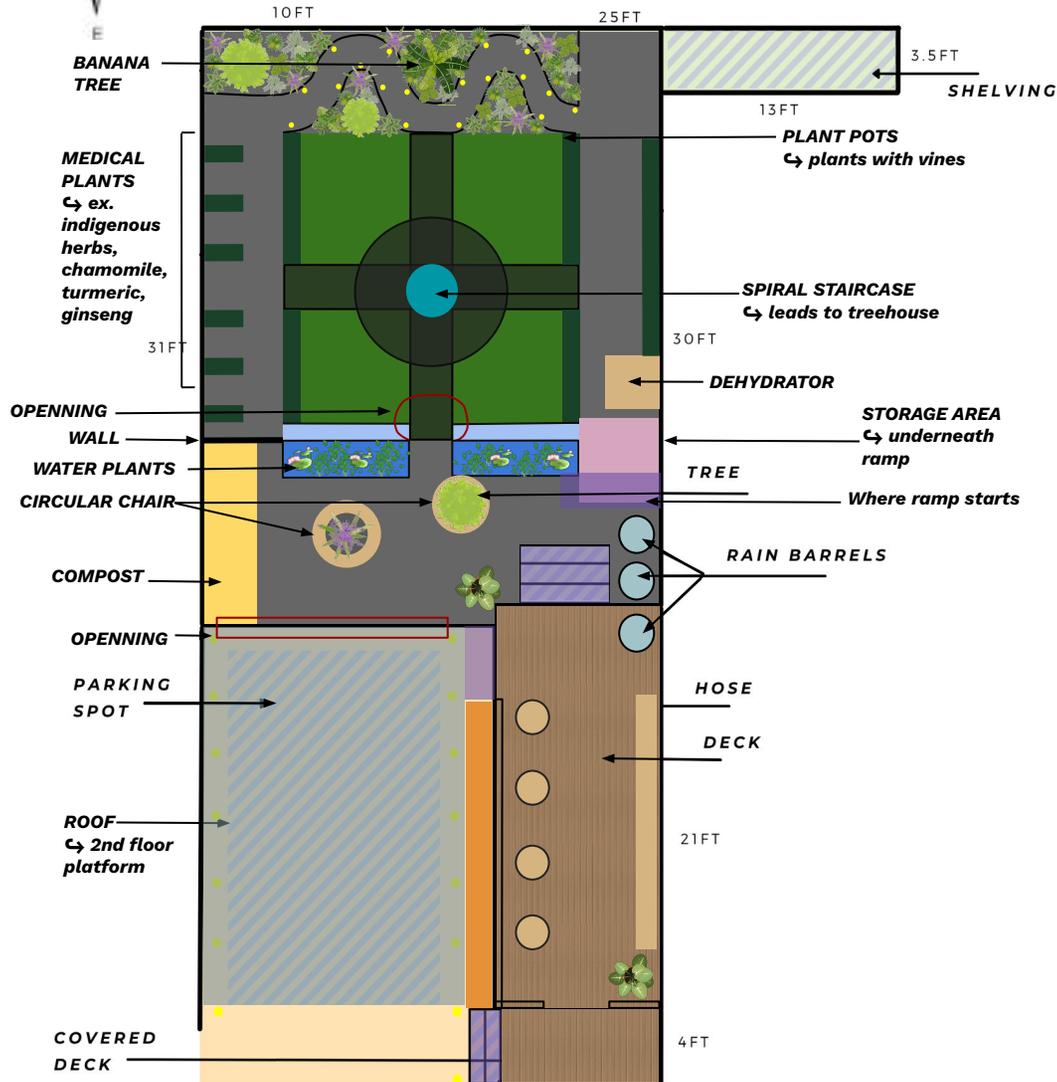
Team 12 Concept Plan

Legend

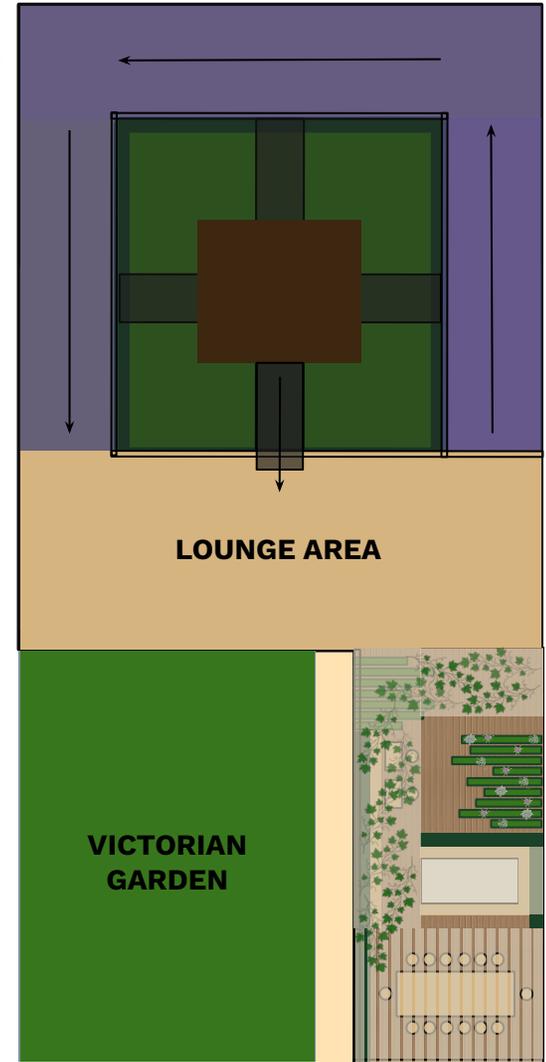
-  RAMP
-  IN GROUND PLANTING
-  PLANT POTS
-  TABLE
-  CHAIR
-  BENCH
-  SPIRAL STAIRCASE
-  WALKING PLATFORM
-  GLASS
-  WATER WALL
-  WATER
-  POT LIGHTS
-  BIKE RACKS AREA



Ground Floor



Second Floor



Precedents 1 of 4

Zone A

In Zone A, we incorporated bike racks against the deck and pot lights lining the ground (for nighttime). We converted both the stairs from Zone A & C into a ramp for accessibility, added another ramp near the one from Zone C and created an opening between Zone A & C so it is easier to bring in bigger and heavier objects. Above the parking spot, we added a roof so there's less shoveling in the winter + creates a second floor.



Bike rack inspiration: Milou Berg's bicycle rack



Hanging chair inspiration

Zone B

Zone B is the porch. This, we included hanging chairs and a bench for seating (mostly used for summer & spring).

Precedents 2 of 4

Zone C

This is the main area of the garden. It mainly houses the large in-ground garden containing common fruits and vegetables. In the garden are pathways which intersect to a spiral staircase that leads up to a treehouse for children. Underneath the ramp on both sides are plant pots which could be used for medicinal plants and herbs like indigenous herbs, turmeric, ginseng. On the right side is the dehydrator and beside it lies a storage container which could be used to hold gardening tools. When you walk to the very end, there is also a sensory garden.

Tatiana and her teenagers can use the community garden to learn more about growing food together, including medicinal plants as she wishes.



In-ground garden inspiration:
The Physic Garden by Sweco Architects & Thorbjörn Andersson



Plant pots underneath ramp
↳ plants with vines

Precedents 3 of 4

Zone D

This is the second level of the garden which is intended mostly for socializing. It can be accessed either through the ramp or by going up the treehouse and crossing the pathway that connects to the lounge area. Which is where the users can sit and rest or connect. Above Zone B (the porch) there is more seating and planting and it also includes a dining table where gatherings can be held but can also be replaceable with other furniture. Lastly, the roof above Zone A, we decided on a victorian garden because Victorian built houses used to be commonly found throughout St. James Town before it became high-rise community.



Planting pots inspiration



Bench inspiration



Victorian garden inspiration

Fatima's 3 children can use the treehouse and the second floor deck to play in and can also use the community garden to learn in.

Precedents 4 of 4

Materials

Flooring



Ground Floor:
smooth stone



Second Floor:
soft dark brown plank



Ramp: made of perforated metal so that the sunlight can still reach the plants



Lightning: At the base of the wall underneath the ramp

Walls



Ground Floor:
Brick (victorian houses)



Second Floor:
Glass with windows



Top View: Glass doom



Lightning inspiration