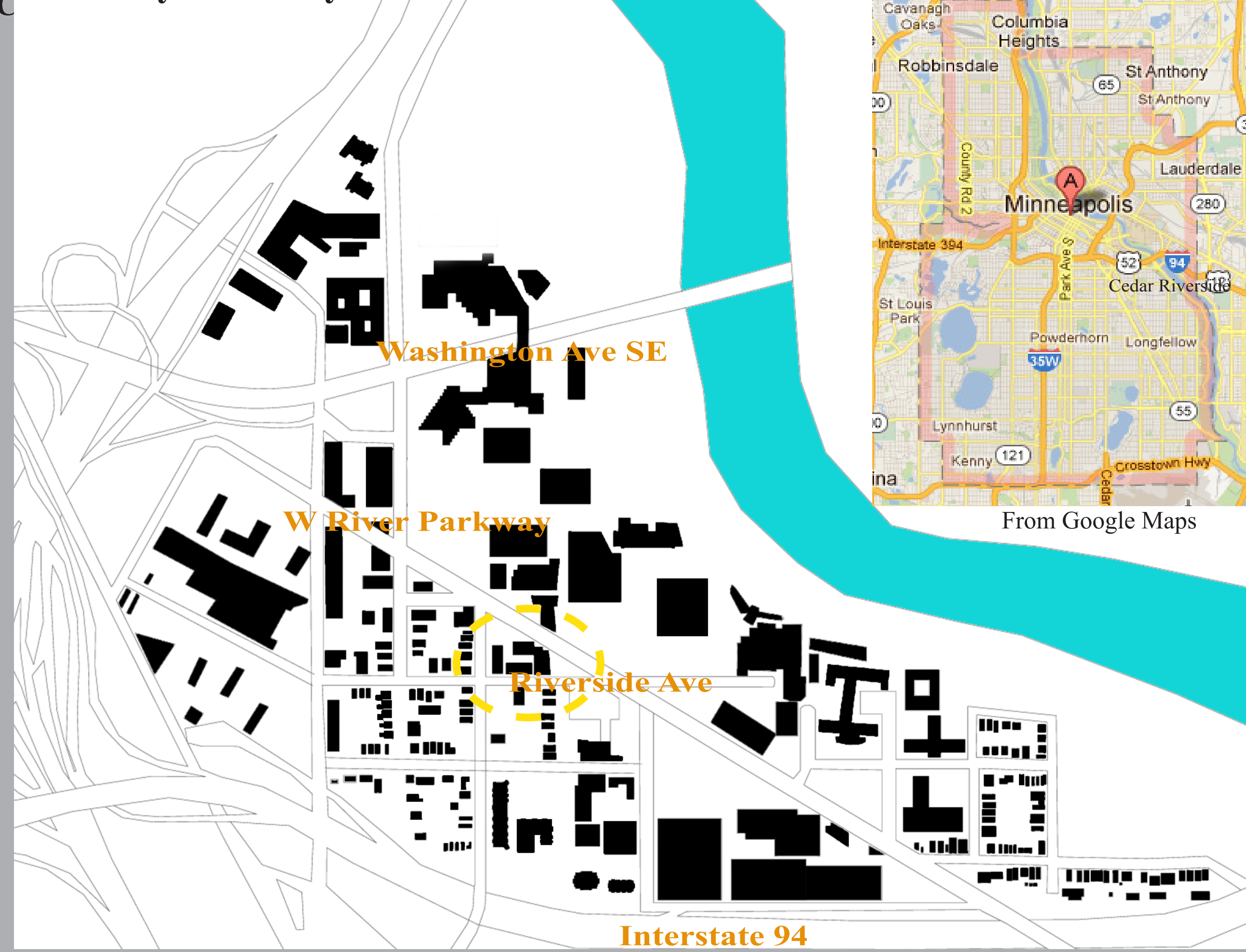
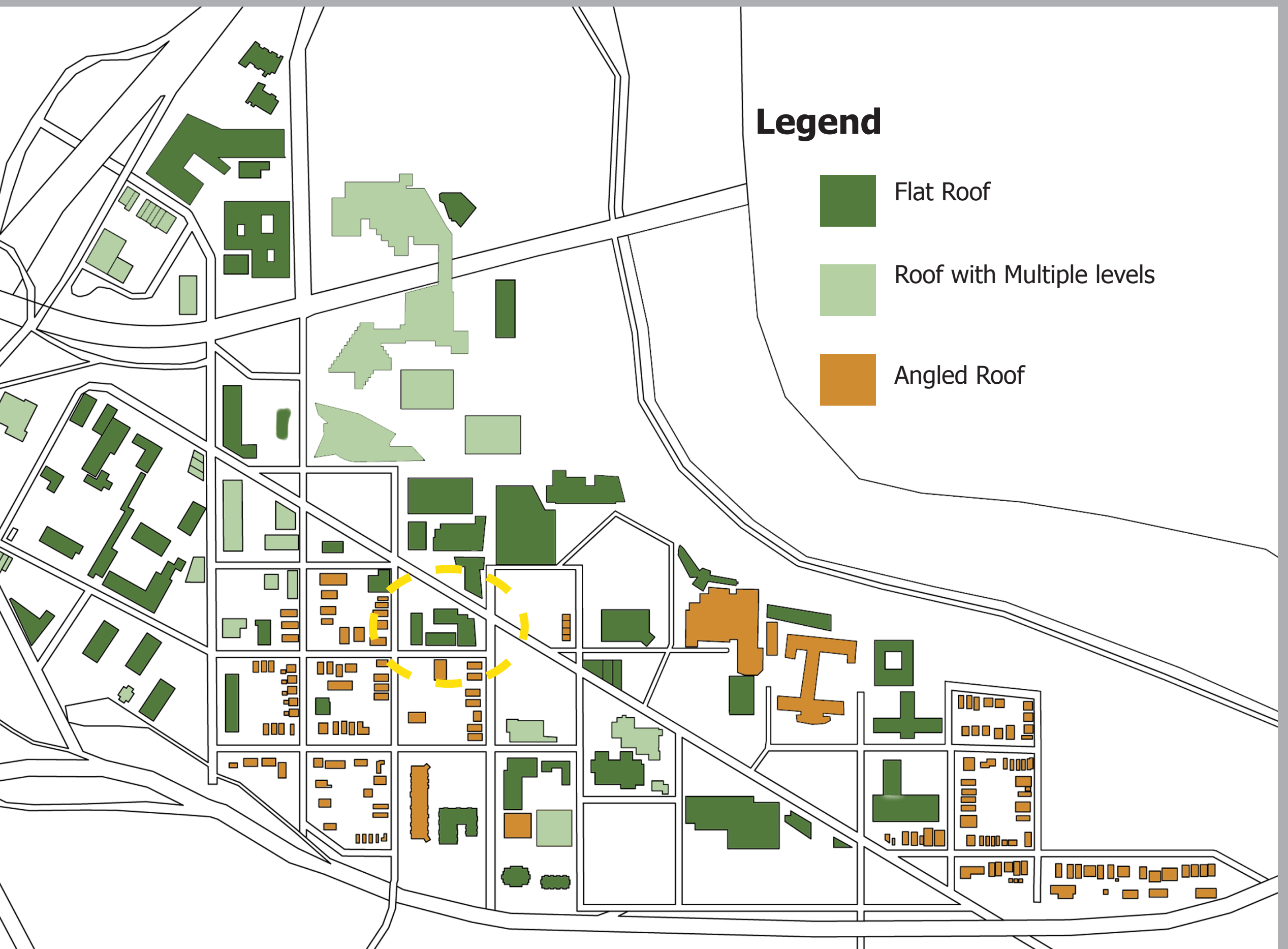


Inventory and Analysis



The cedar riverside neighborhood in Minneapolis, Minnesota was chosen because of the 40% poverty rate. Also because of the neighborhoods history of being the gateway into Minnesota for immigrants with the Vietnamese in the 1970's and now with the Somali's.



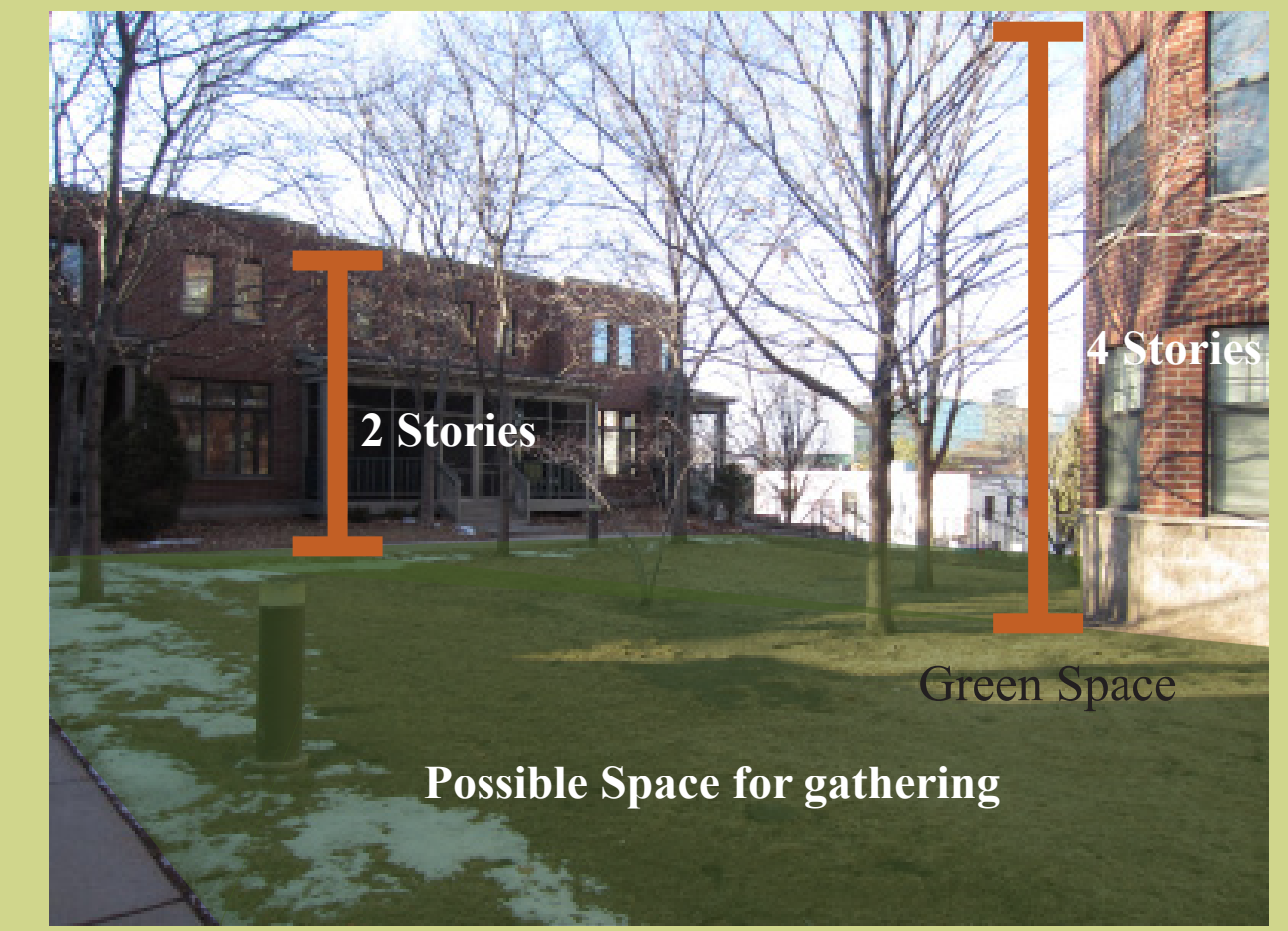
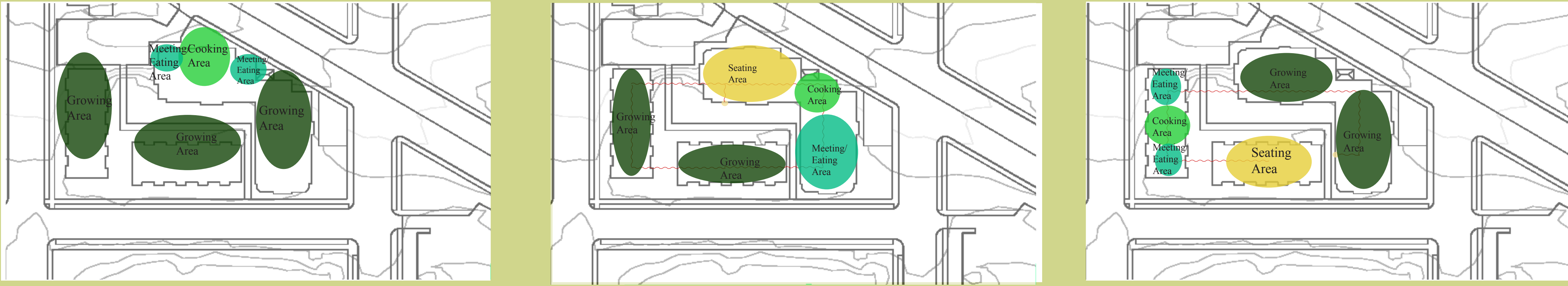
Rooftop Inventory and Analysis
The circled areas are the area's that would be great for a rooftop garden. The requirements were that the roof needed to be on top of a residence and a flat roof. After further evaluating the open opportunities and the south exposed walls. The highlighted yellow site would be the **Wood Top Glass** site. The densest residential area with the south exposed walls would be the site for the **Green Wall**. The largest open green space would serve as the **Open Opportunities** site highlighted below

Open Opportunities



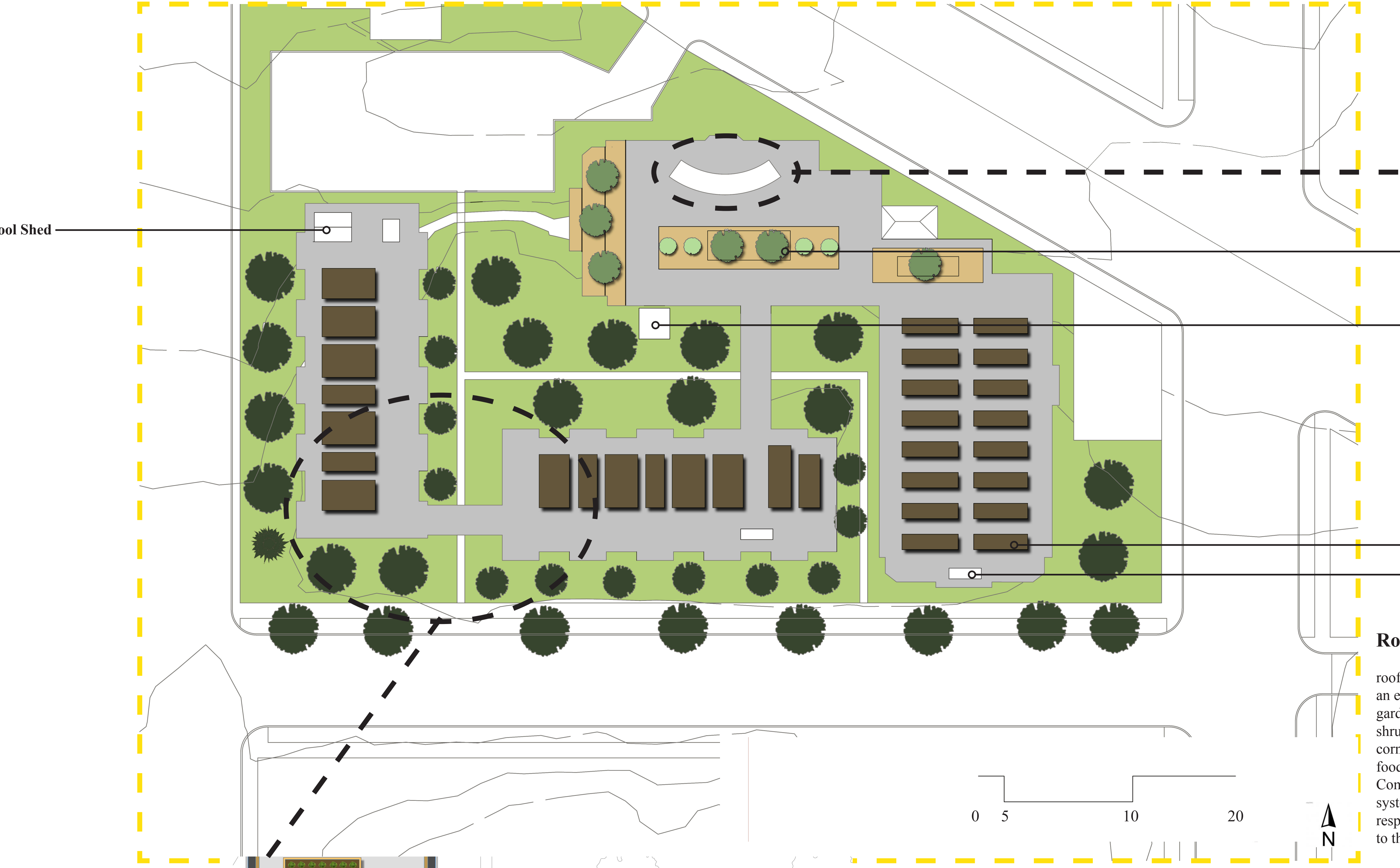
Concept Maps

Shows the many different ways to arrange the space.



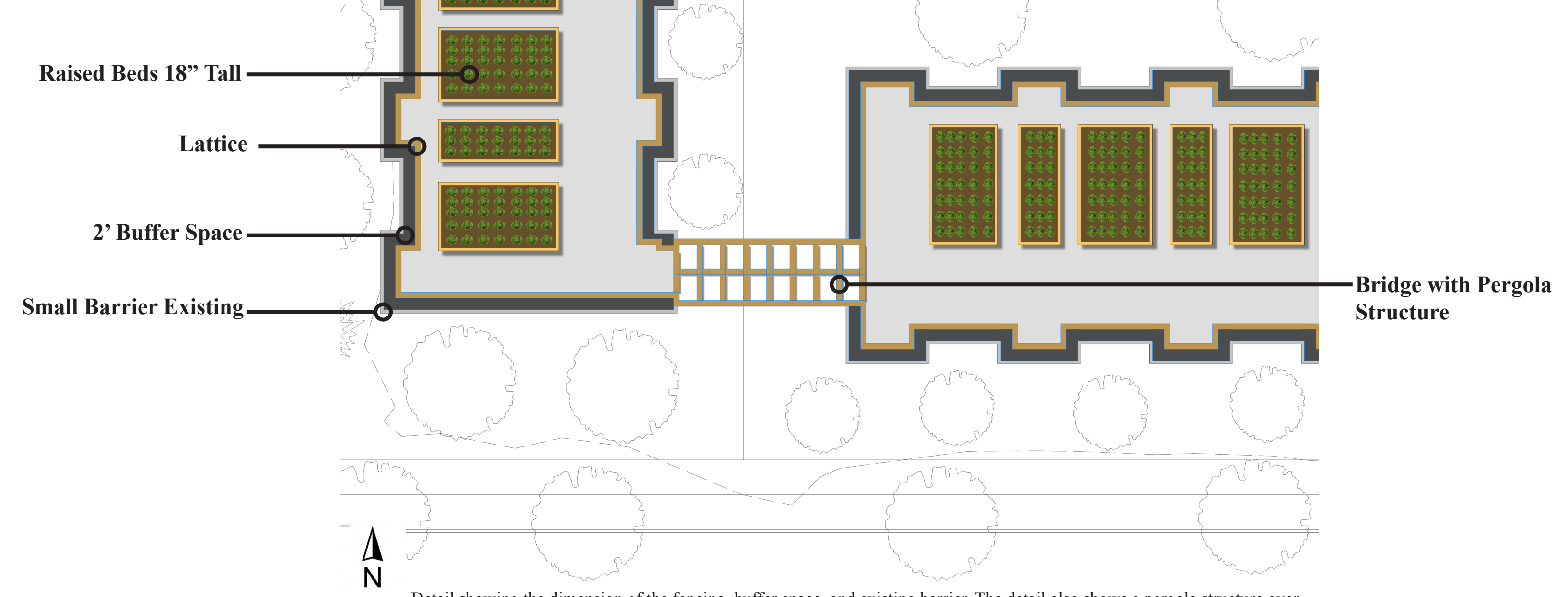
Existing Site
Courtyard between the buildings. Also shows the height and distance apart the buildings are from one another.

Master Plan



- Kitchen Area**
Show in detail in the bottom perspective. Includes eight burners, two ovens, fireplace, sink, and a raised herb garden in the middle of the counter
- Raised Planting Beds**
- Elevator**
- Growing Area**
- Compost Bin**

Rooftop Oasis
Looking at the apartment building one would not know if there is anything on top of the roof. But once a person travels into the courtyard between the building they will discover an elevator, which will take them to the roof where they are pleasantly surprised to find a garden full of produce. When they first enter a person will see raised beds with fruit bearing shrubs and trees, beyond that a kitchen area where people can gather and cook. Around the corner a stairway leading to the other garden plots and beyond that a greenhouse for winter food production. A shed is placed on the far end of the garden where tools can be stored. Compost bins are placed throughout the site and the beds are watered through drip irrigation system. The Lutheran center, apartment renters and the dance studio across the street will be responsible for tending the garden. The surrounding community will be able to buy in shares to the garden and will be able to get a bag of food once the garden starts producing.

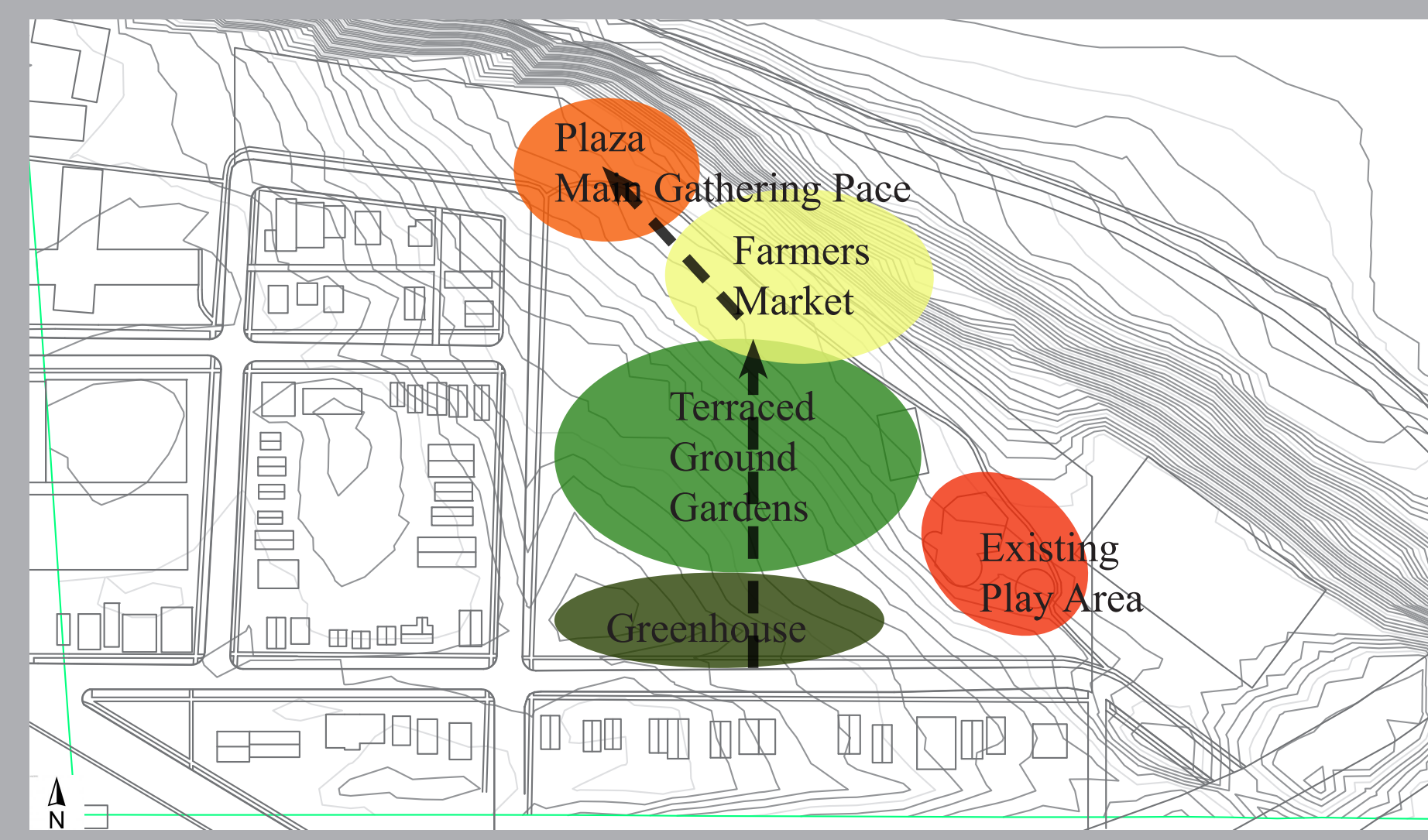
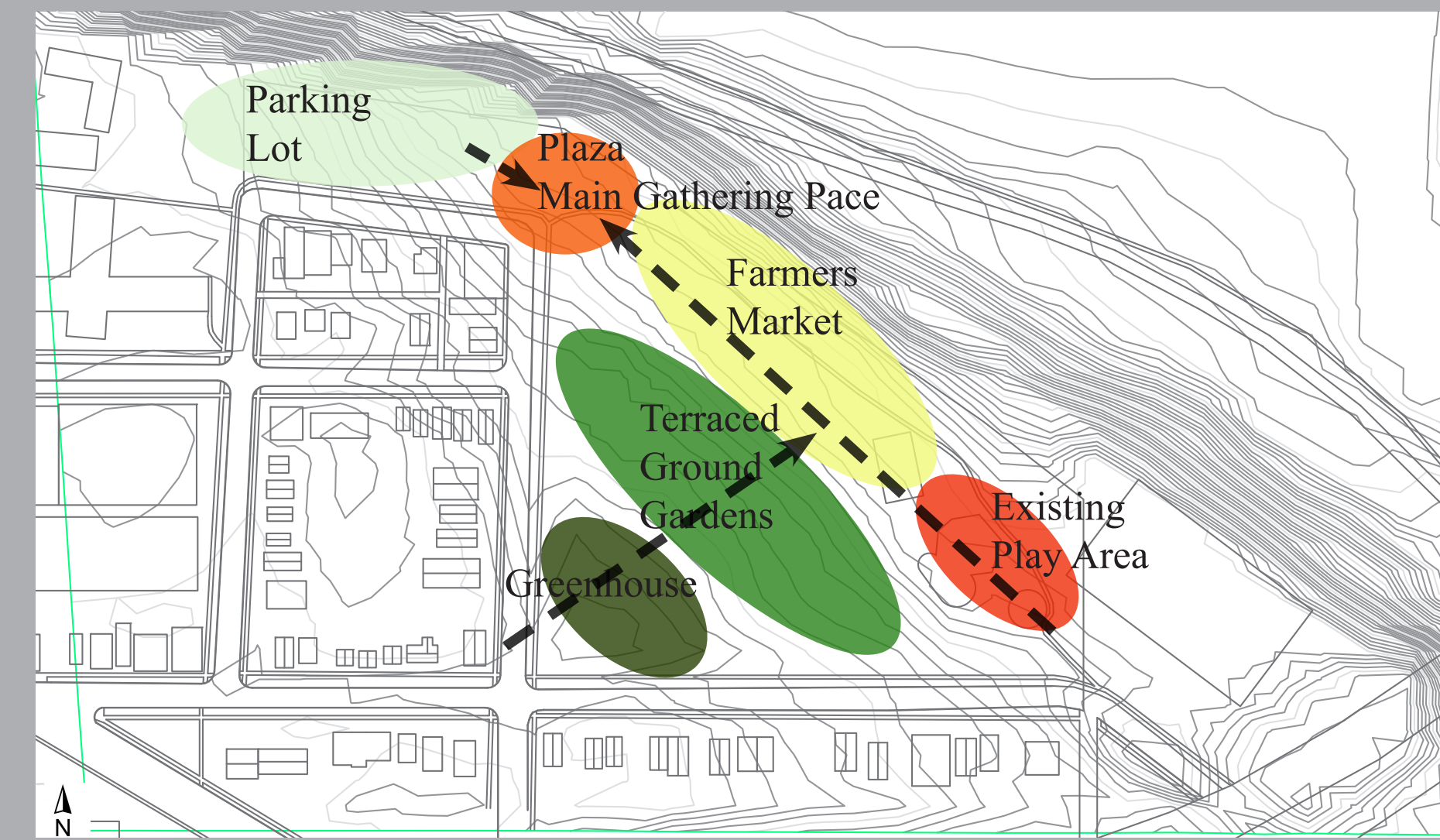


- Raised Beds 18" Tall**
- Lattice**
- 2' Buffer Space**
- Small Barrier Existing**
- Bridge with Pergola Structure**

Detail showing the dimension of the fencing, buffer space, and existing barrier. The detail also shows a pergola structure over the bridge between the two buildings. In the garden beds one can see just how much can be produced in the gardens.



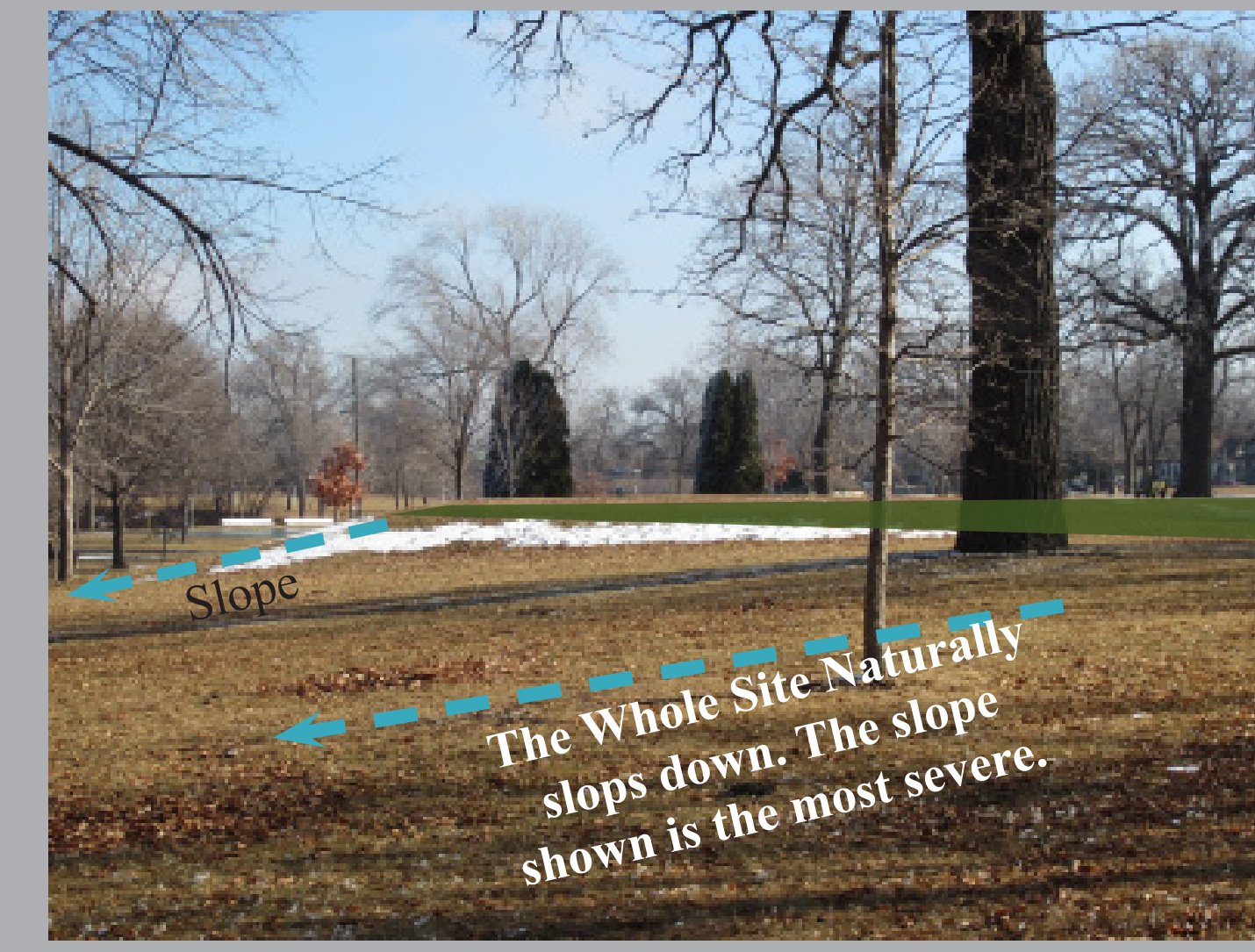
Perspective of the kitchen area showing the detail of the planters with the tile, the fence that is around the entire site that will be the home to grape vines for wine making. It also shows the structure where the bag of food will be stored for the people who buy shares into the garden. In the distance to the right one can see the Quonset greenhouse structure. In the island a small herb garden makes its home ready to be used for cooking. The kitchen is complete with sink, burners, three ovens, and plenty of counter top space. A pergola helps shade the area on hot sunny days.



Concept Maps

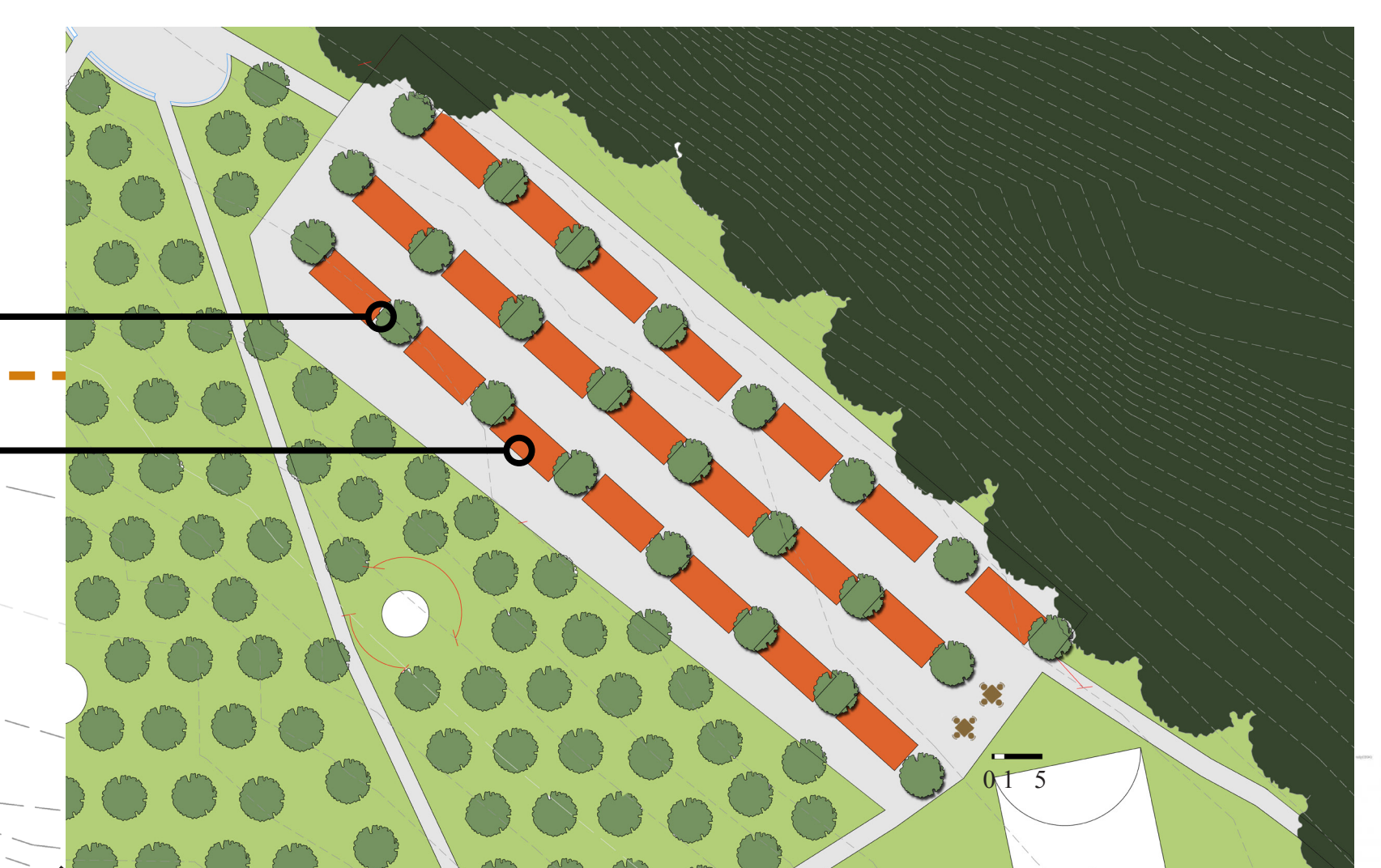
Show the process of design, by taking a look at possible different layouts of the park. The final design is a hybrid of all three together.

Existing Views

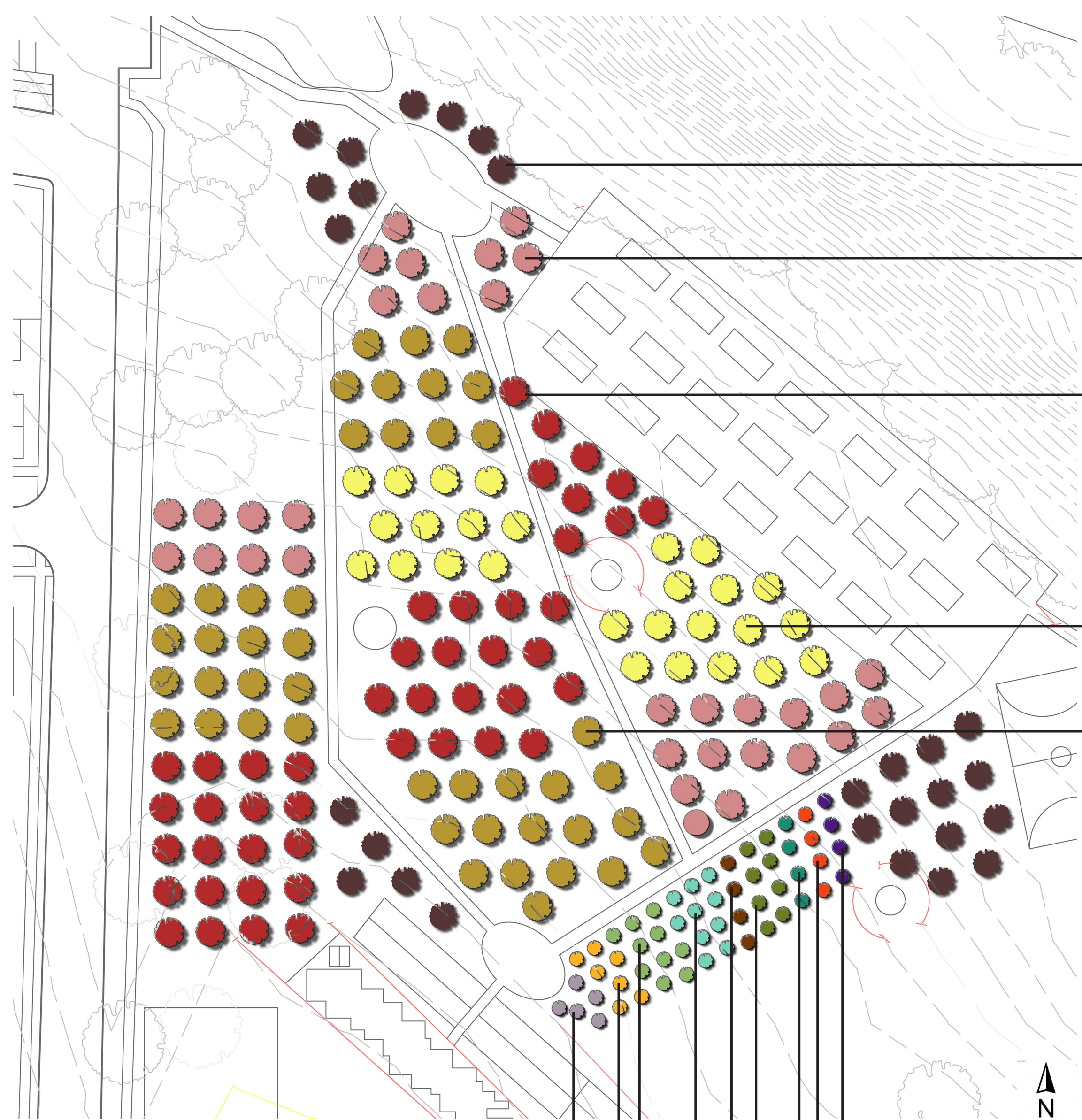


Detail Plan: Farmers Market

Shows the stalls where they people can be when they come to sell their product as well as the trees and seating located within the site. Trash cans and recycling are included.



Master Plan

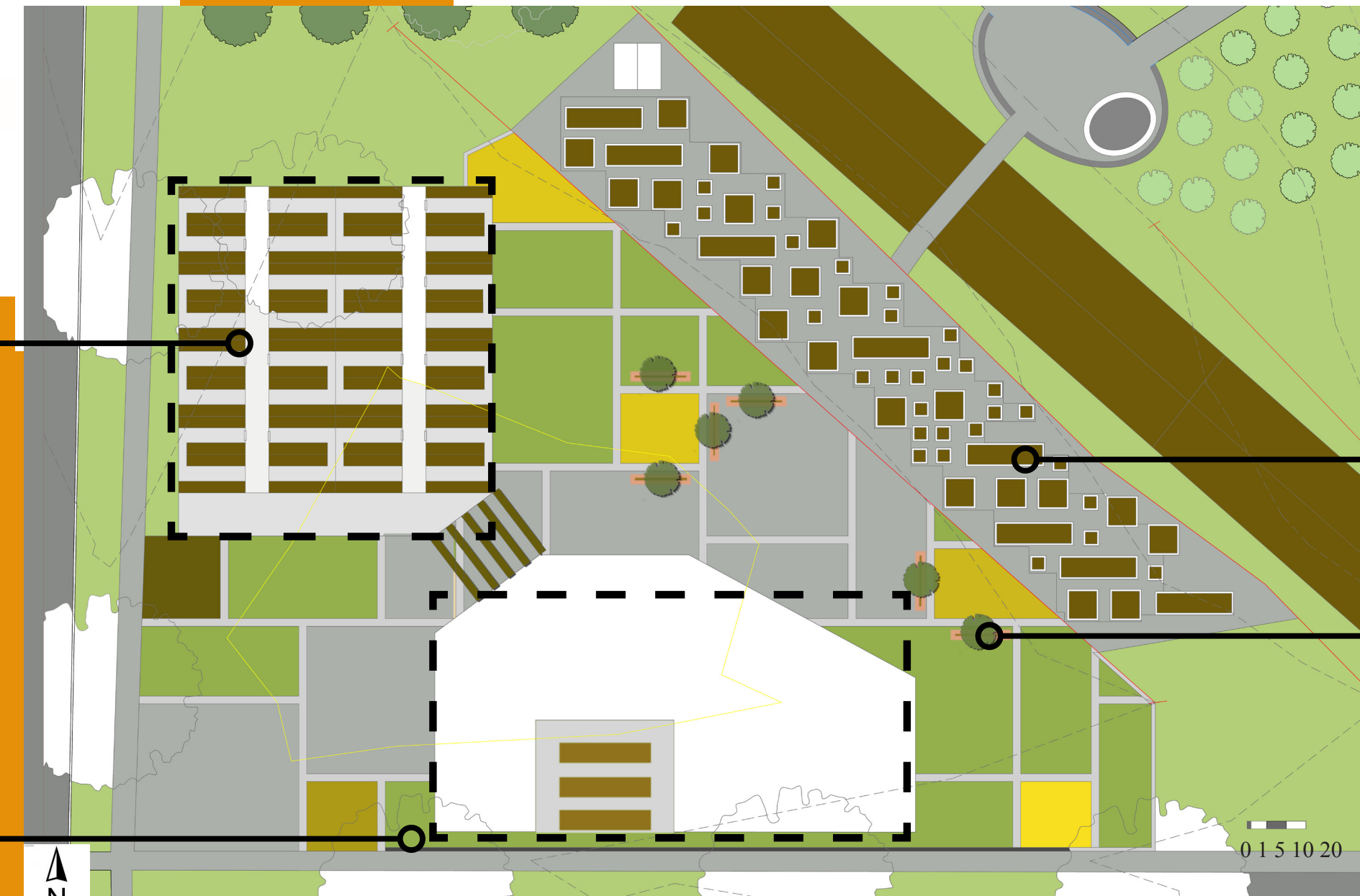


Planting Plan and Grading Plan

Shows the Orchards and what kind of plants will be located where. Yellow is proposed to be taken out. Red is proposed change in grade.

- Plum Tree**
'Pipestone' Plum
Oullins Golden Gage Plum
- Cherry Tree**
Prunus avium 'Bing'
Prunus avium 'Stella'
Prunus avium 'Montmorency'
- Apple Tree**
Malus domestica "Braeburn"
Malus domestica "Cameo"
Malus domestica "Gala"
Malus domestica "Honeycrisp"
Malus domestica "McIntosh"
Malus domestica "Gravenstein"
- Apricot Tree**
Prunus armeniaca "Goldbar"
Prunus armeniaca "Titan"
- Pear Tree**
Bartlett Pear
Comice Pear
D Anjou Pear
- Prunus besseyi
- Prunus americana
- Amelanchier alnifolia
- Prunus Fruticosa
- Prunus tomentosa
- Viburnum trilobum
- Sheperdia arentea
- Sheperdia arentea
- Prunus Virginiana

Detail Plan: Entrance



Greenhouse
Used for winter growing with corrugated steel benches

Class Room Building
Will include classrooms, bathrooms, kitchen area, and growing area.
Activities in the building will include but not limited to: cooking classes, growing classes, and meeting space.

The main entrance is a gateway from the urban environment into an oasis of celebration and food. Passing between the greenhouse and teaching building, another plaza with benches, edible fruit trees and sculptures of corn and sunflowers great you. Traveling north west on the path you will be surrounded by gardens of varying sizes and shapes for different time commitments. Sheds, water spigots, and compost bins are also found in this area are larger garden spaces. All of the garden spaces on this site are rented out and a deposit is made at the beginning and given back if the renter has complied with all of the rules set by the master gardener. Once past the gardens, a plaza provides space for gathering. In these space people will entertain one another with music, dance, and their talents. People then have the choice to take one of two paths depending on their destination. In the middle of the site an orchard of trees and shrubs are lined up for people to harvest with sculptures crafted by local artists are scattered within. At the north most of the site is a farmers market area which is open spring through the fall every day of the week. Crafters, entertainers, food vendors, and growers. Another plaza greets people who parked in the parking lot with a retention pond to handle the runoff.

- Farmers Market**
Will be open every day features but not limited to vendors, and live music.
- Orchard**
Has a variety of apple, pear, and cherry trees.
- Orchard**
Has a variety of fruit bearing trees.
- Existing Play Area**
Included a basketball court, pool, and soccer field.

Closing Statement

Landscape architecture has improved the lives of city dwellers by providing them with healthy food and spaces to gather and celebrate healthy food through technologies such as greenhouses, greenwalls, and rooftop gardens which provide year round healthy food.

Programs Used: Photoshop, Illustrator, Auto CADD, Sketchup, and Indesign.