Creating Celebrations, Food, and Spaces
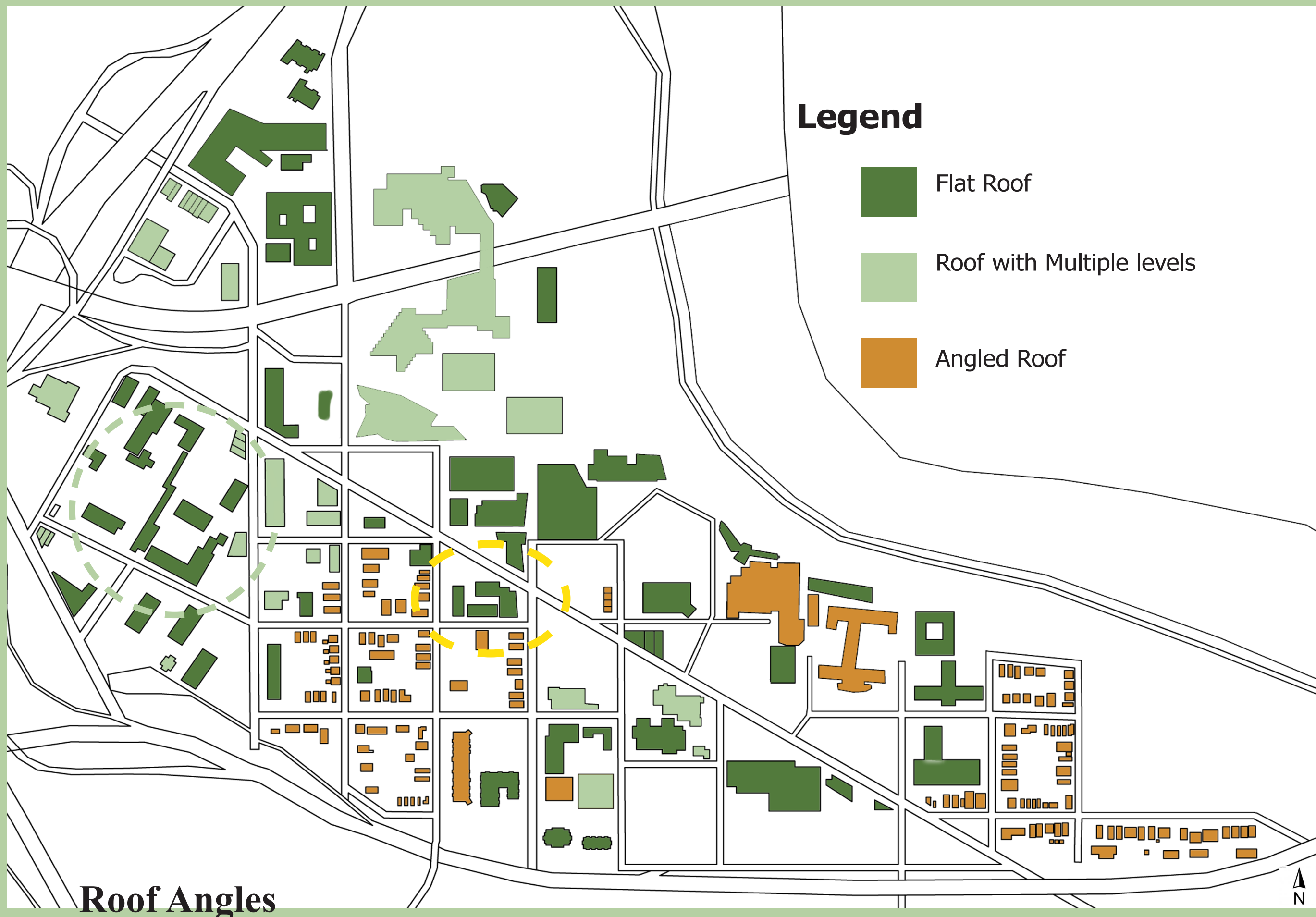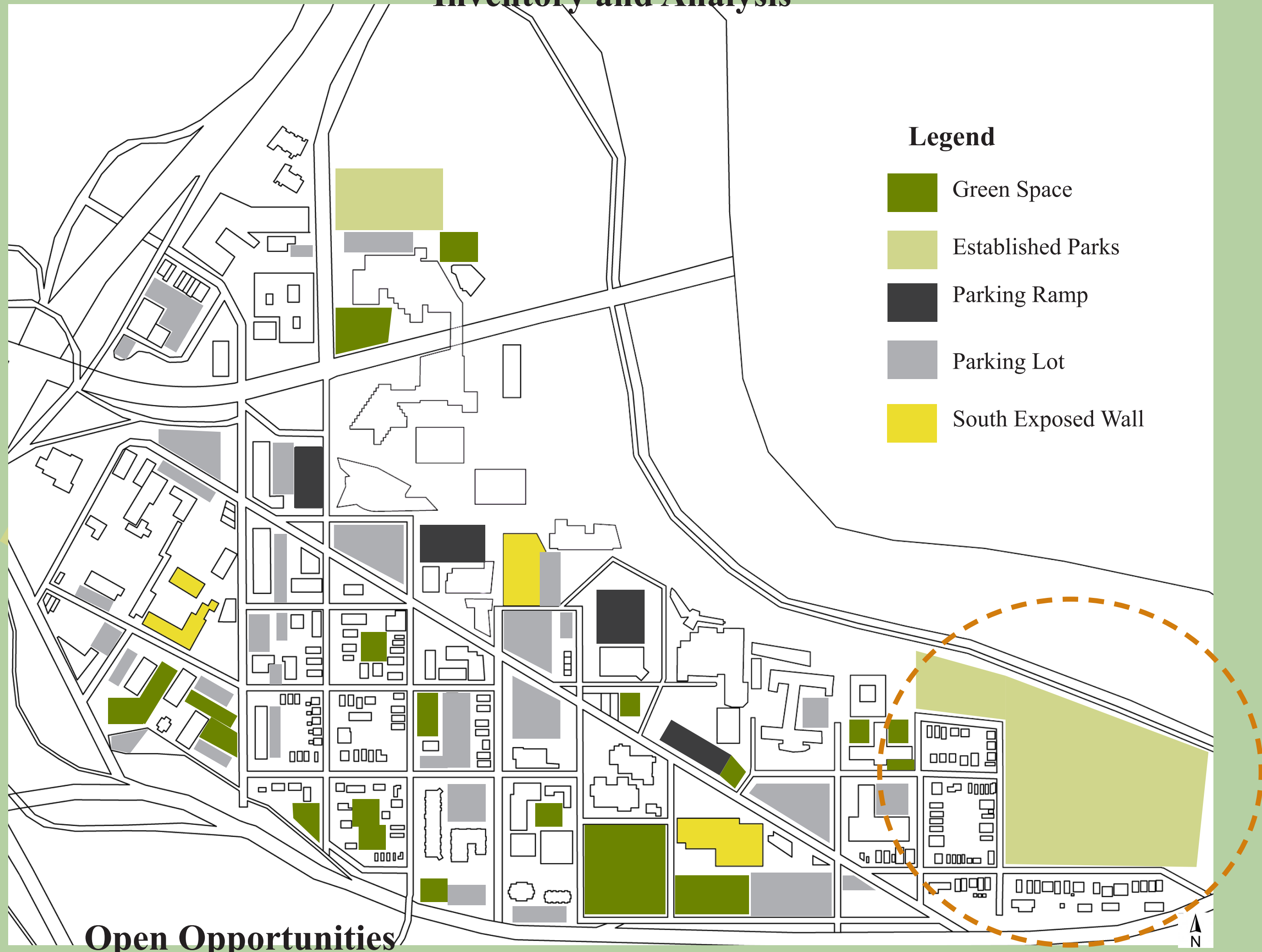
Problem Statement:

How can landscape architecture improve
the lives of city dwellers through
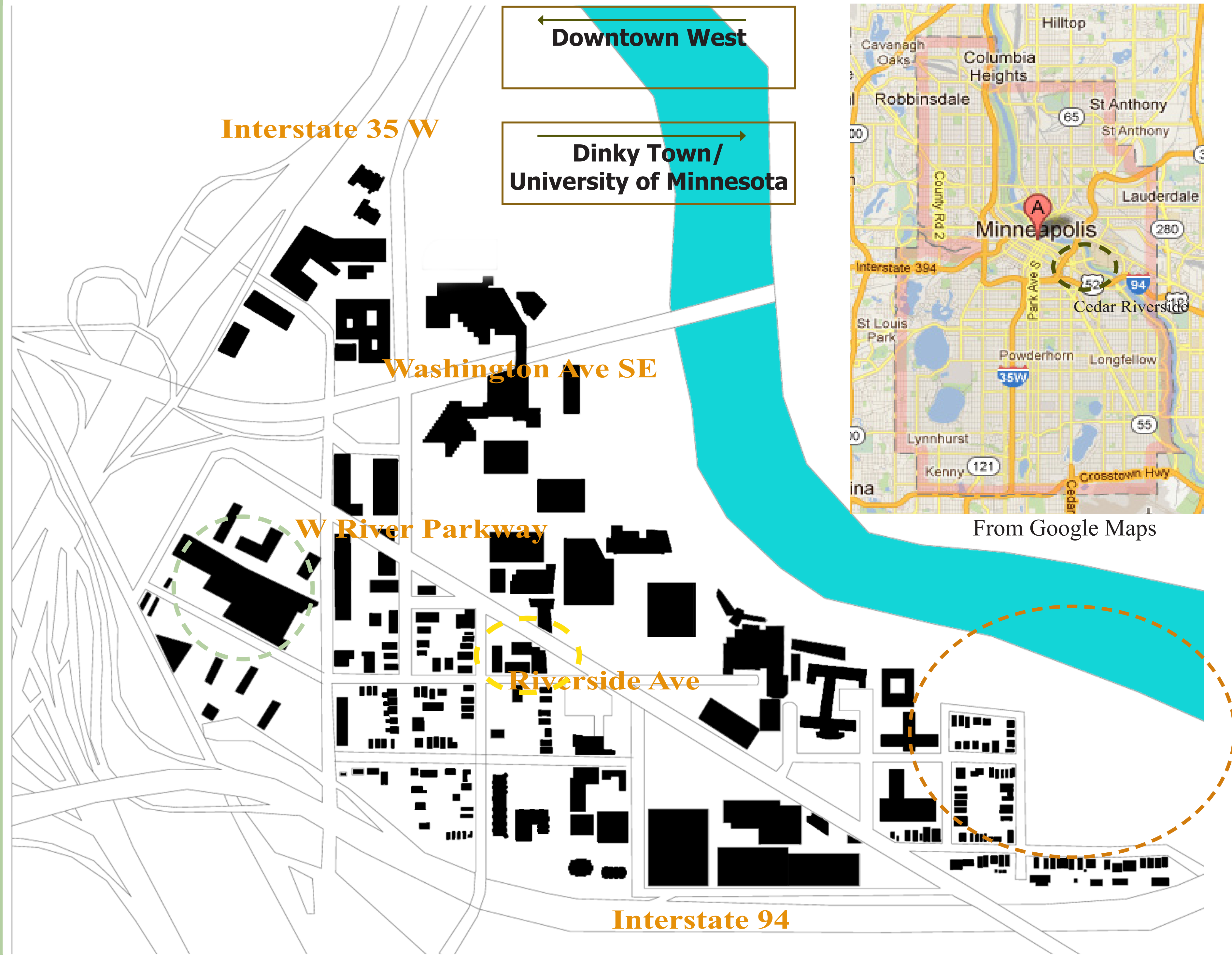**Urban Agriculture?**

Ashley Hansen
Spring 2012
Advisor: Darryl Booker
LA 572

Inventory and Analysis

Legend

- Green Space
- Established Parks
- Parking Ramp
- Parking Lot
- South Exposed Wall

Open Opportunities

Roof Angles

Legend

- Flat Roof
- Roof with Multiple levels
- Angled Roof

↓ **Income** + **Diversity** = Cedar Riverside Neighborhood

← Downtown West

Dinky Town/ University of Minnesota →

Interstate 35 W

Washington Ave SE

W River Parkway

Riverside Ave

Interstate 94

From Google Maps

Inventory and Analysis

South facing apartments can sustain a green wall. giving the residents fresh produce close to home.

Sun is high enough in the summer to be over the building to the south giving this building maximum light midmorning to mid afternoon, when the light is not as intense.
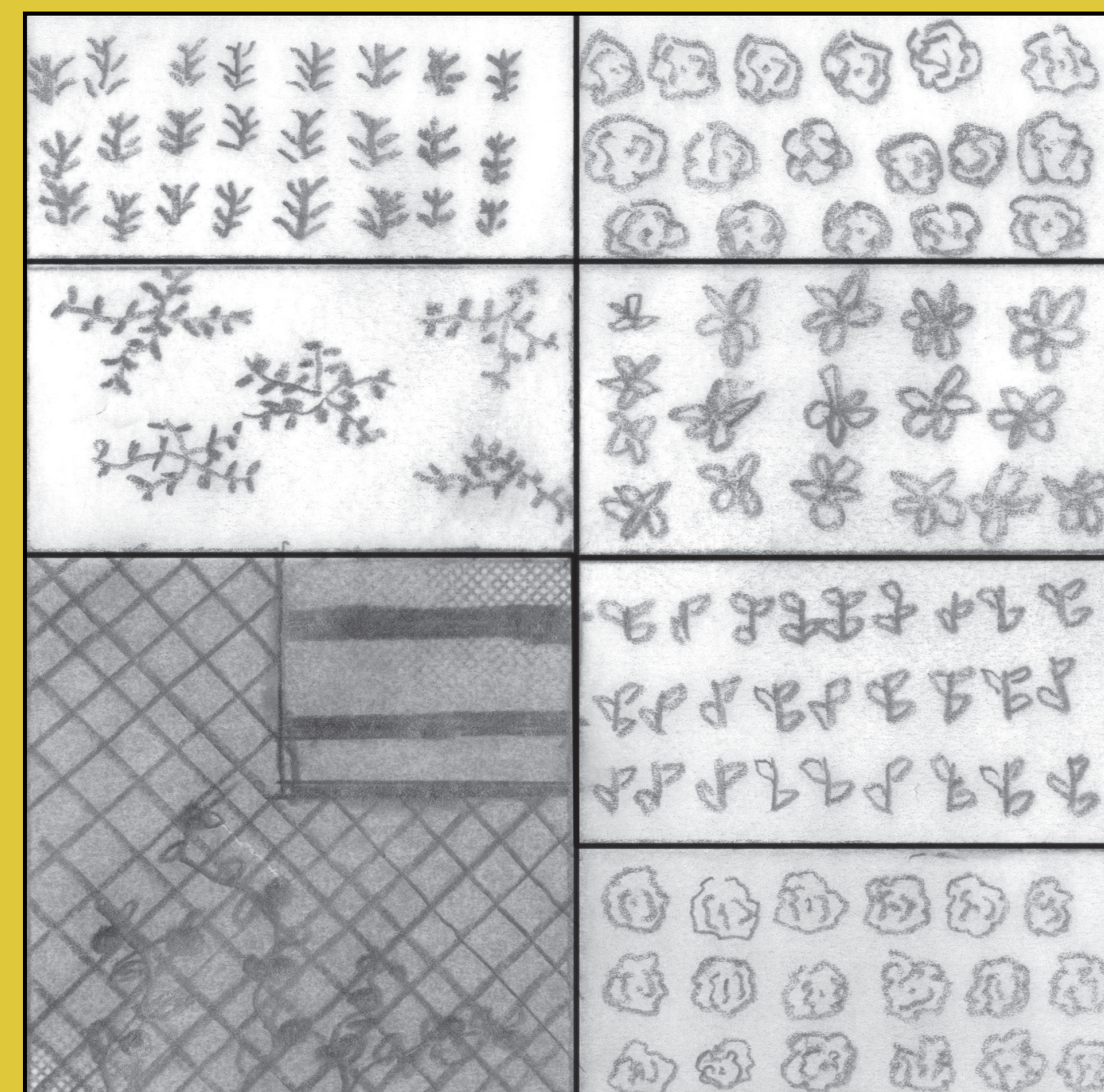
Two Growing Systems Summer Perspective

Green Wall Space Summer Perspective

Green Wall Two Options

Horizontal Planter.
Workshops will be held at the school. which is located between the buildings on how to maximize the space given.
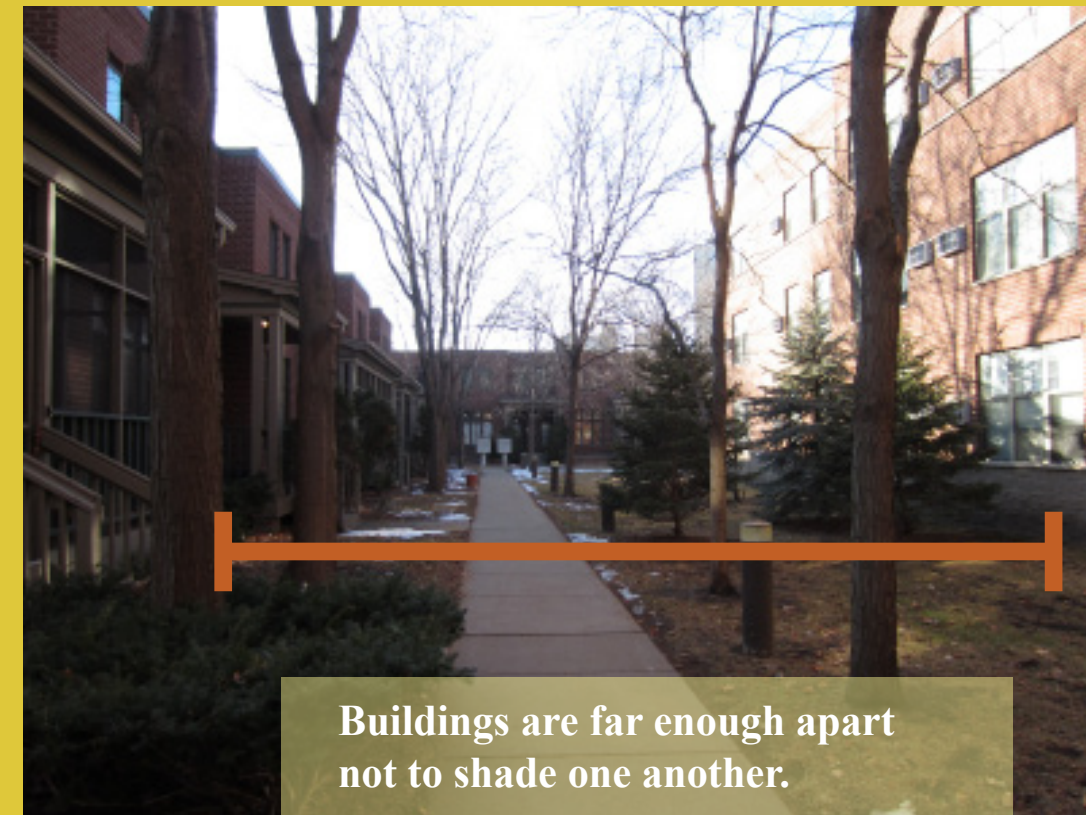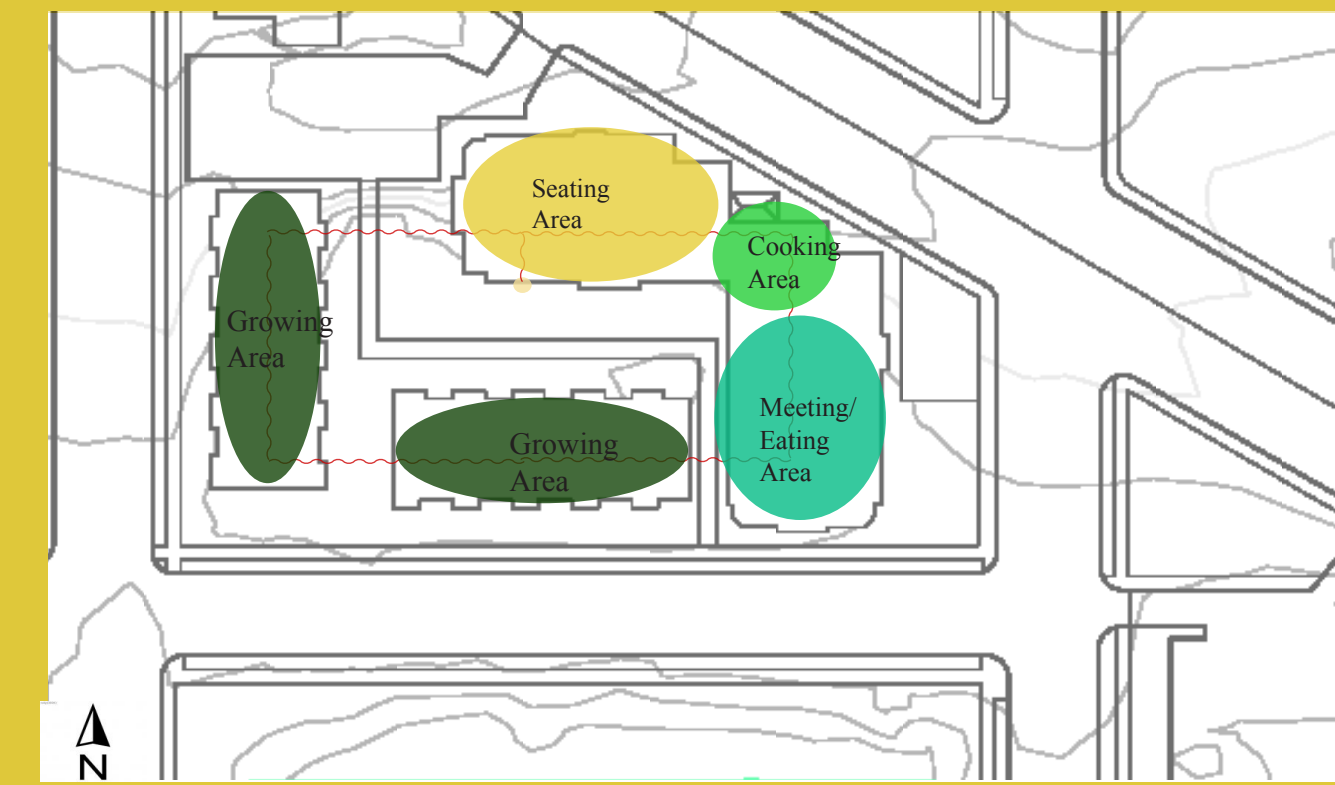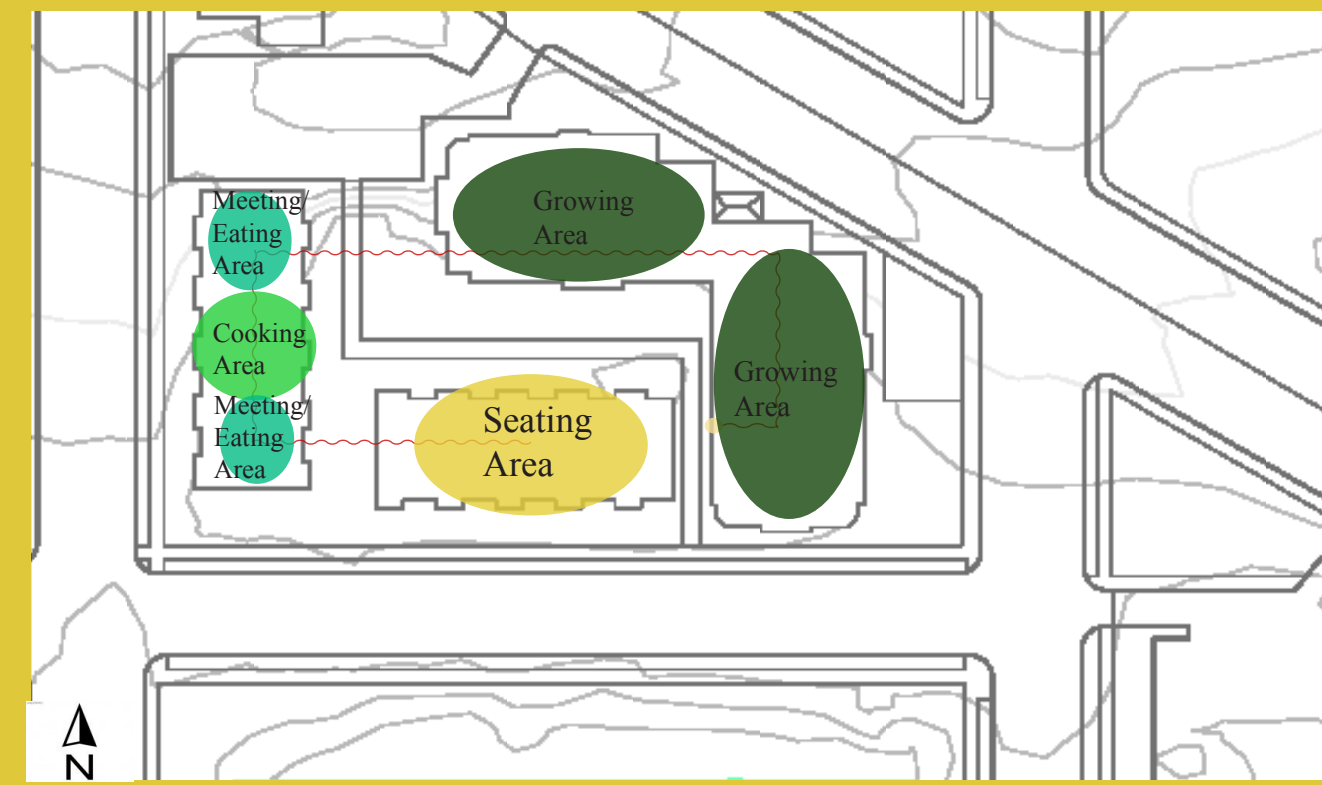
Vertical Plane
This approach would maximize the wall space given and give the people more range of plants to plant on the wall.

2 Stories

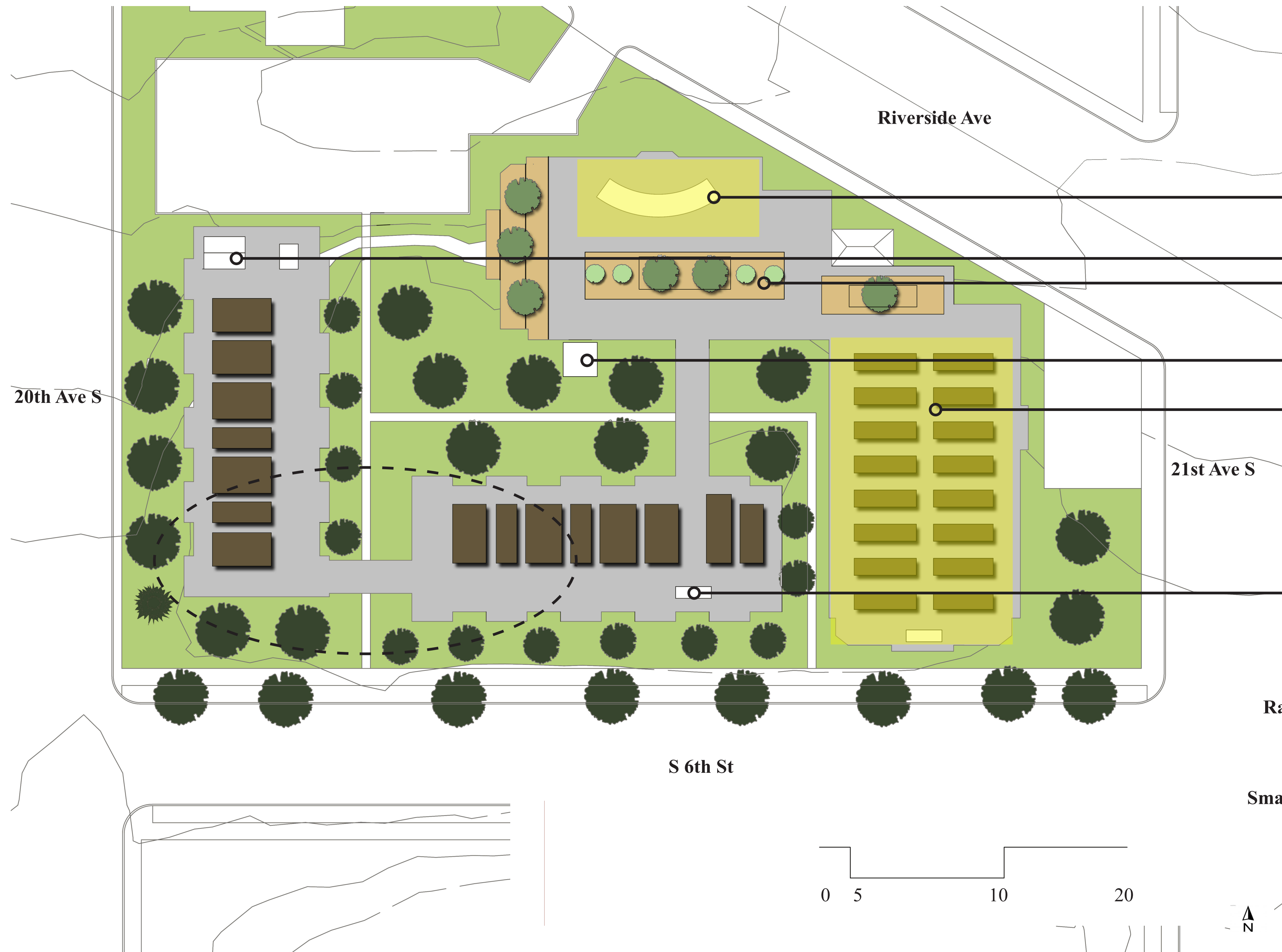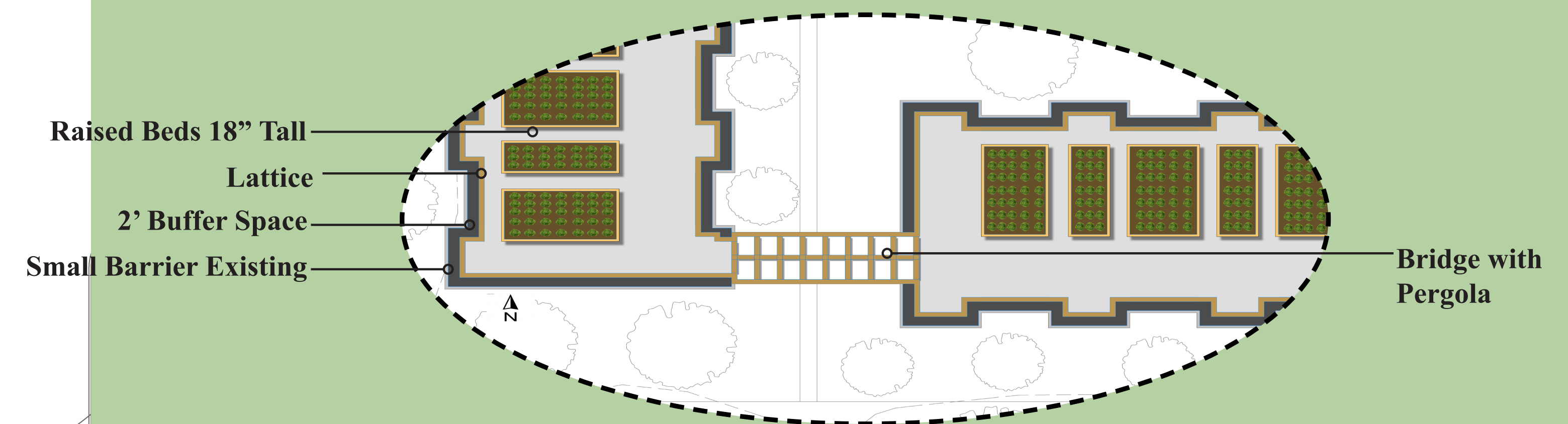4 Stories

Green Space

Possible Space for gathering

Buildings are far enough apart
not to shade one another.

Meeting/ Eating Area
Growing Area
Cooking Area
Meeting/ Eating Area
Seating Area
Growing Area

N

Seating Area
Growing Area
Cooking Area
Growing Area
Meeting/ Eating Area

N

Meeting/ Eating Area
Cooking Area
Meeting/ Eating Area
Growing Area
Growing Area
Growing Area

N

Rooftop Oasis: Under utilized Roof

Riverside Ave

20th Ave S

21st Ave S

S 6th St

Kitchen Area

Shed

Raised Planter Beds
Contains: Fruit bearing trees and
shrubs.

Elevator

Greenhouse
Contains: Benches for winter food
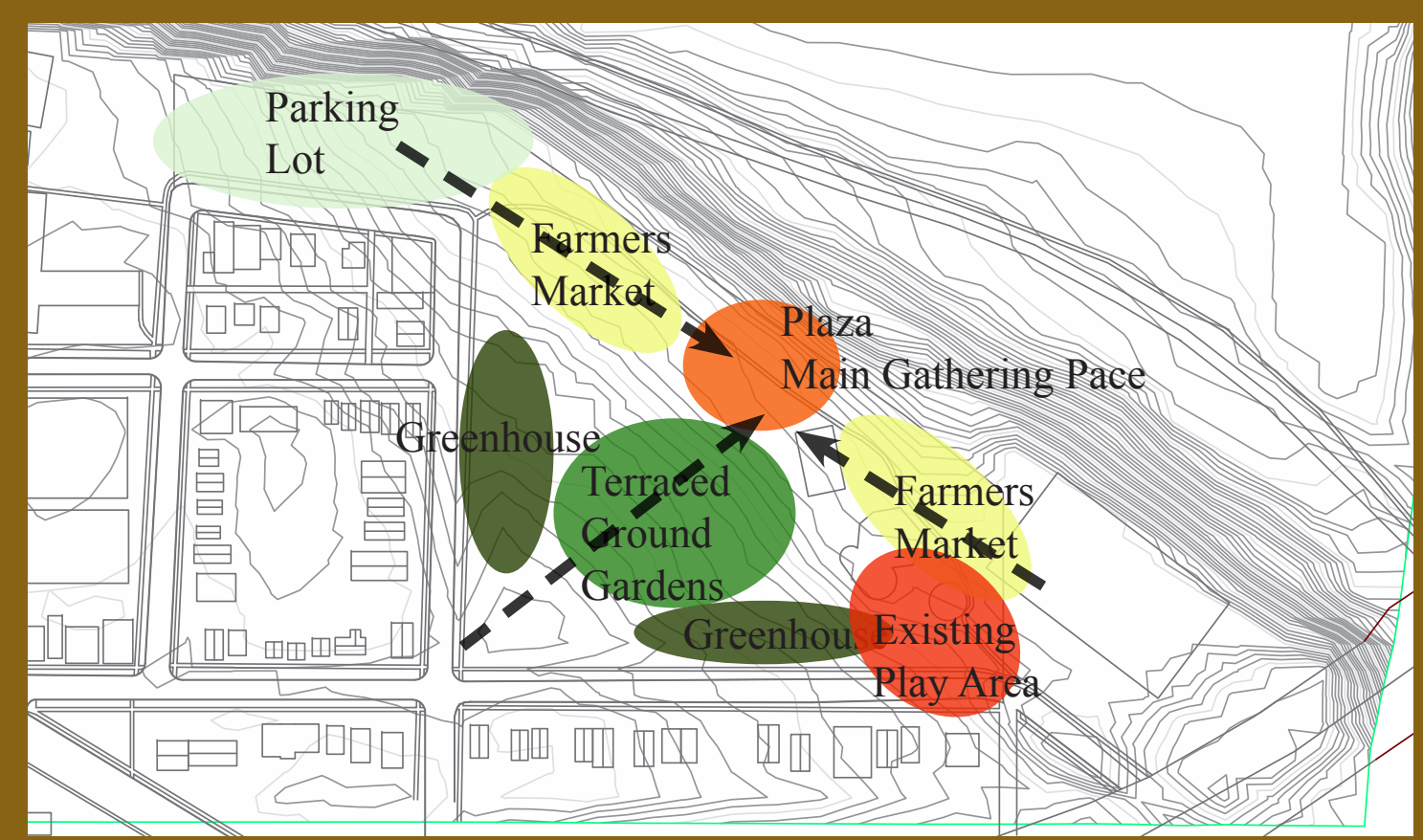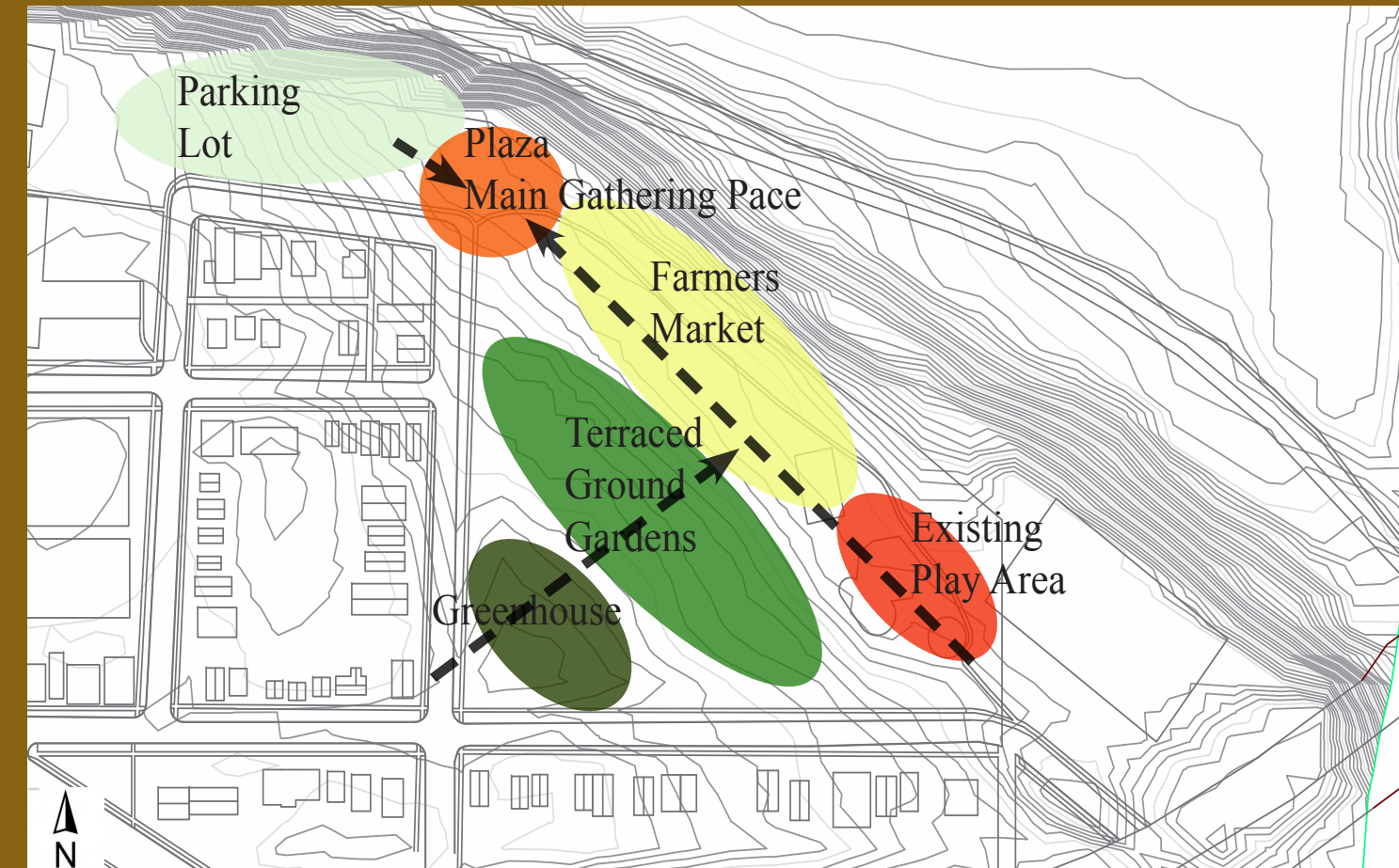production.

Compost Bin

Detail: Growing Space

Raised Beds 18" Tall

Lattice
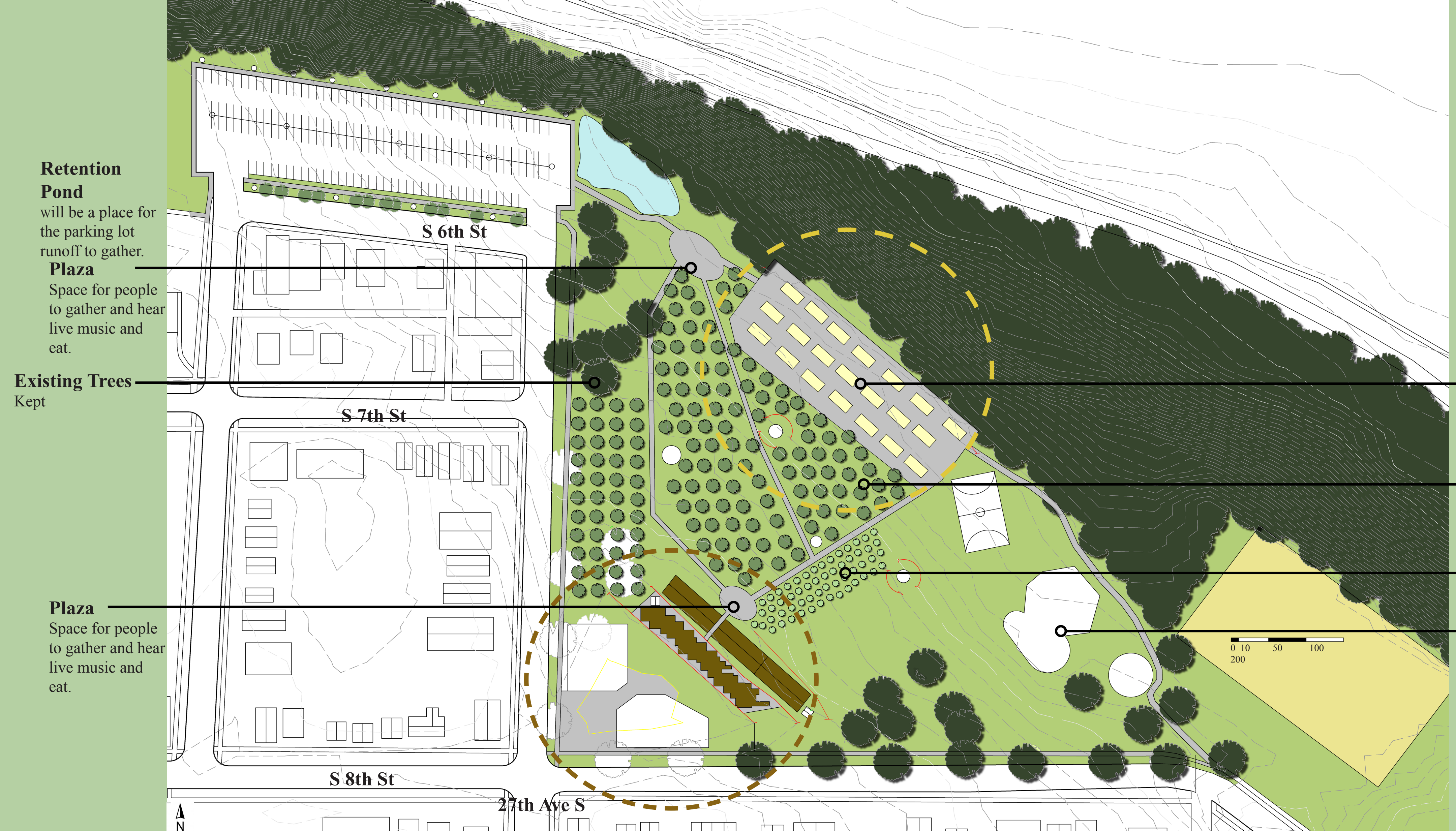
2' Buffer Space

Small Barrier Existing

Bridge with
Pergola

0   5   10   20

N

Space: Kitchen Area

Section

Pergola Structure over the
bridge with a lattice structure
enclosing bridge.

Fence 4' Tall
Lattice Structure

Fence 4' Tall
Lattice Structure

Outer Barrier
(Existing)
2' Buffer Space
Step
Planting Area
Raised 1.5'

Bridge

Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Step
Planting Area
Raised 1.5'
Planting Area
Raised 1.5'
Step
2' Buffer Space
Outer Barrier
(Existing)

2' Buffer Space

Greenhouse
Growing Area

2' Buffer Space

Existing Site

Flat Open Land
Plenty of sun
Could reroute water from slop to water crops
Existing path can provide easy access to gardens

Slope

Existing Path

Concept Diagrams

Parking Lot
Plaza Main Gathering Pace
Farmers Market
Terraced Ground Gardens
Greenhouse
Existing Play Area
N

Plaza Main Gathering Pace
Farmers Market
Terraced Ground Gardens
Greenhouse
Existing Play Area
N

Parking Lot
Farmers Market
Greenhouse
Plaza Main Gathering Pace
Terraced Ground Gardens
Greenhou
Farmers Market
Existing Play Area
N

Open Opportunity: Under Utilized Park

Retention Pond
will be a place for the parking lot runoff to gather.

Plaza
Space for people to gather and hear live music and eat.

Existing Trees
Kept

Plaza
Space for people to gather and hear live music and eat.

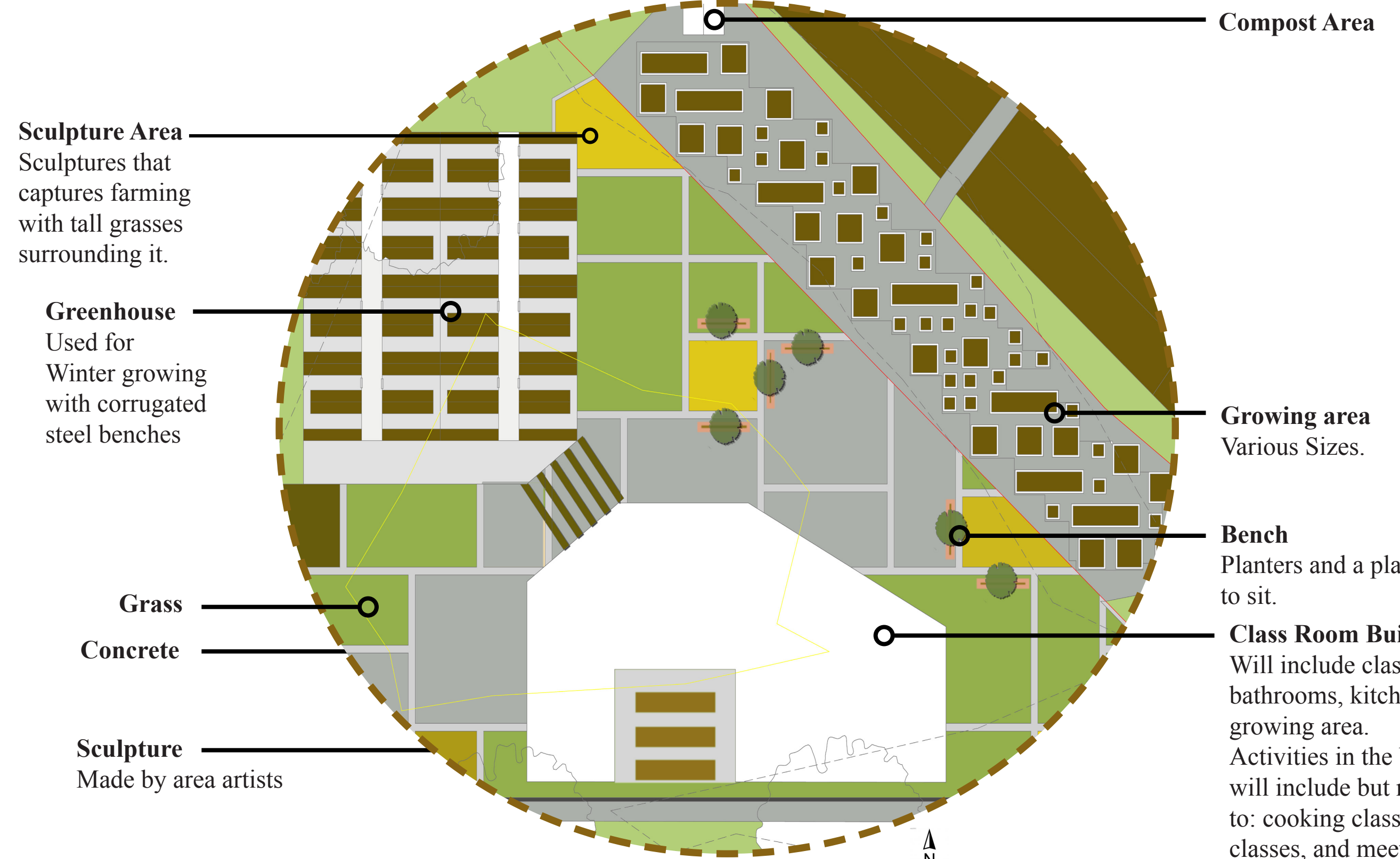S 6th St
S 7th St
S 8th St
27th Ave S
N

Farmers Market
Will be open every day of the week, features but not limited to: crafts, food vendors, and live music.

Orchard
Has a variety of apple, pear, apricot, and cherry trees.

Orchard
Has a variety of fruit bearing shrubs.

Existing Playground
Included a basketball court, playground, pool, and soccer field.

0 10 50 100
200

Detail Plan: Entrance

Sculpture Area
Sculptures that captures farming with tall grasses surrounding it.

Greenhouse
Used for Winter growing with corrugated steel benches

Grass

Concrete
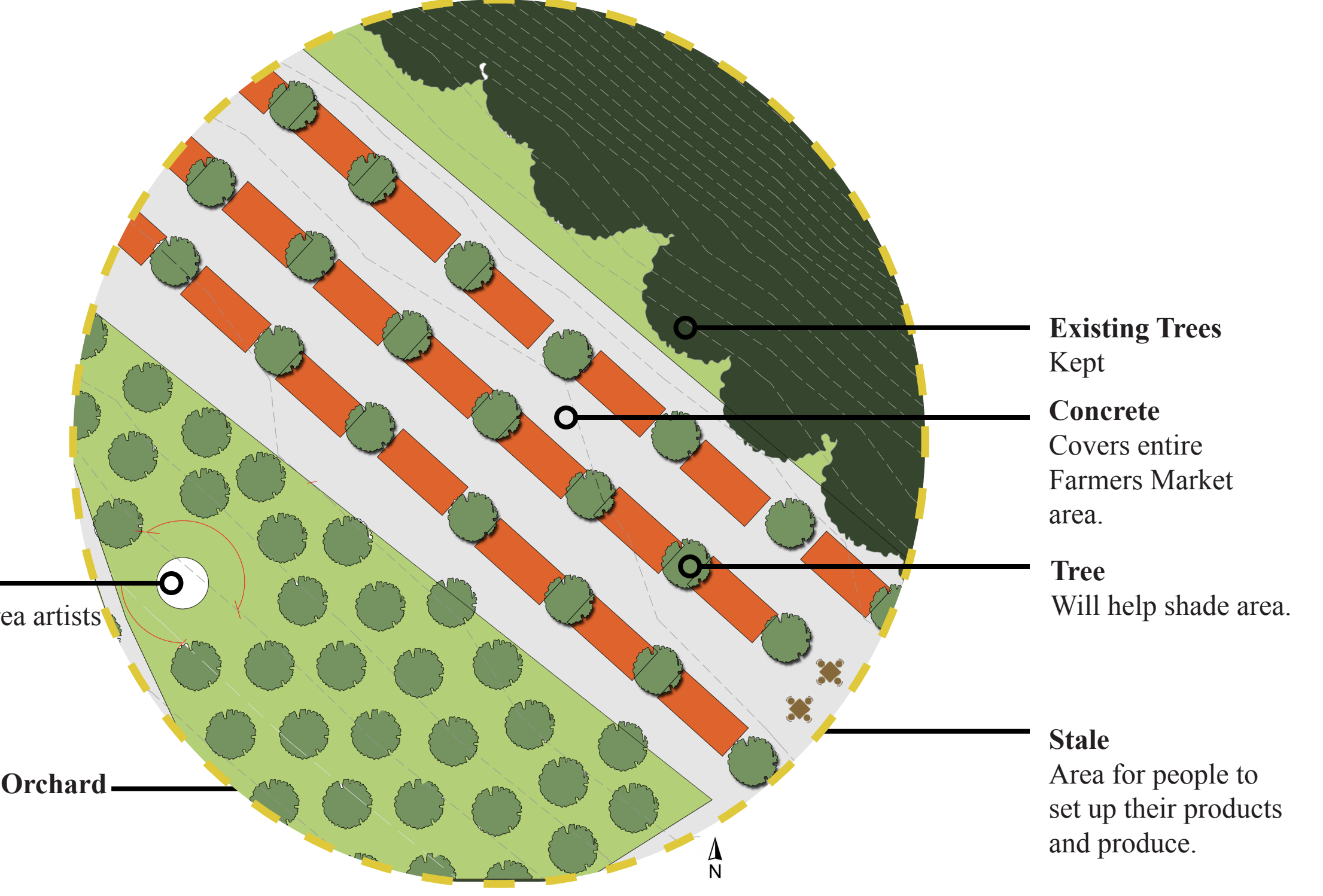
Sculpture
Made by area artists

Compost Area

Growing area
Various Sizes.

Bench
Planters and a place to sit.

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.
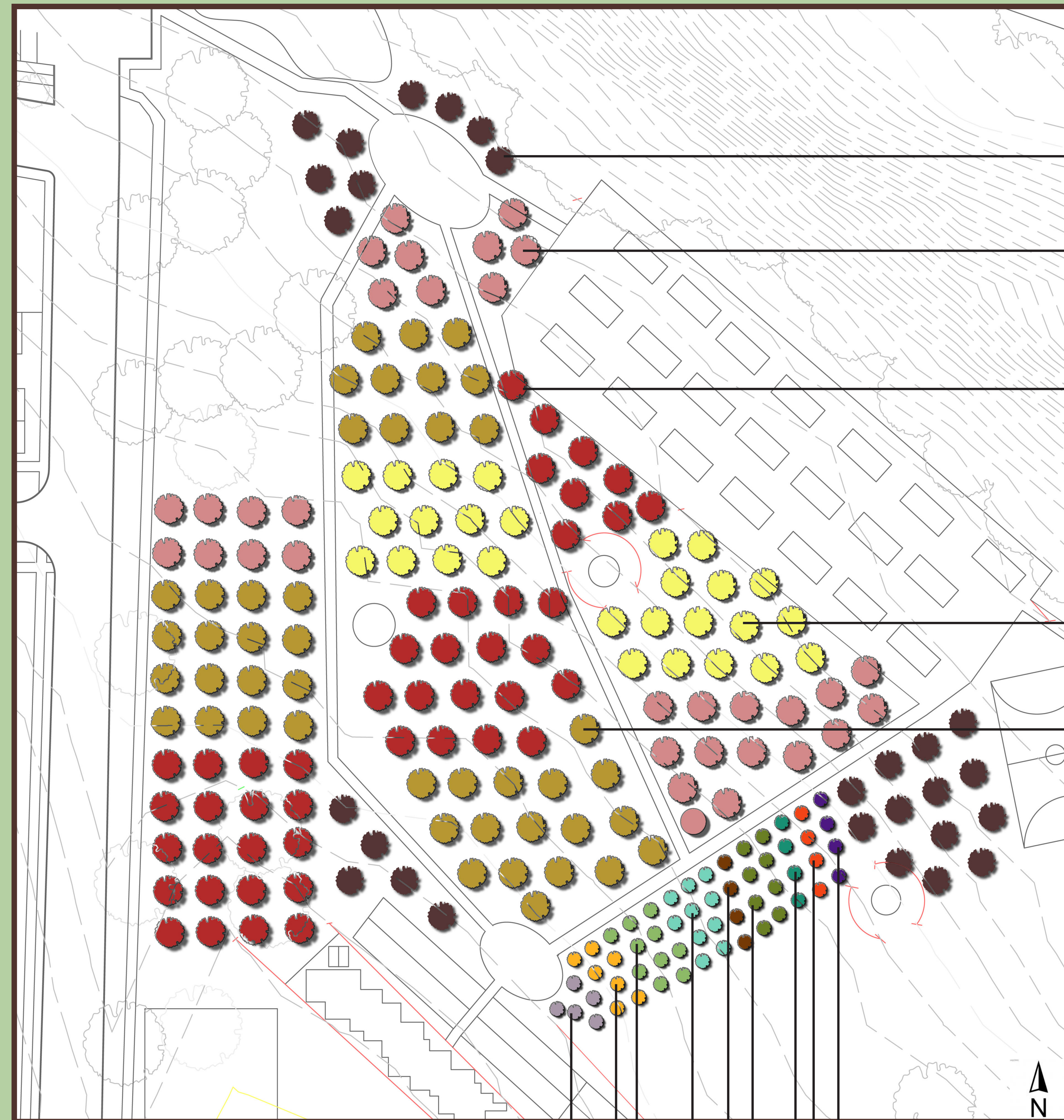
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Detail: Farmers Market

Sculpture
Made by area artists

Orchard

Existing Trees
Kept

Concrete
Covers entire Farmers Market area.

Tree
Will help shade area.

Stale
Area for people to set up their products and produce.

N

Planting Plan and Grading Plan

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
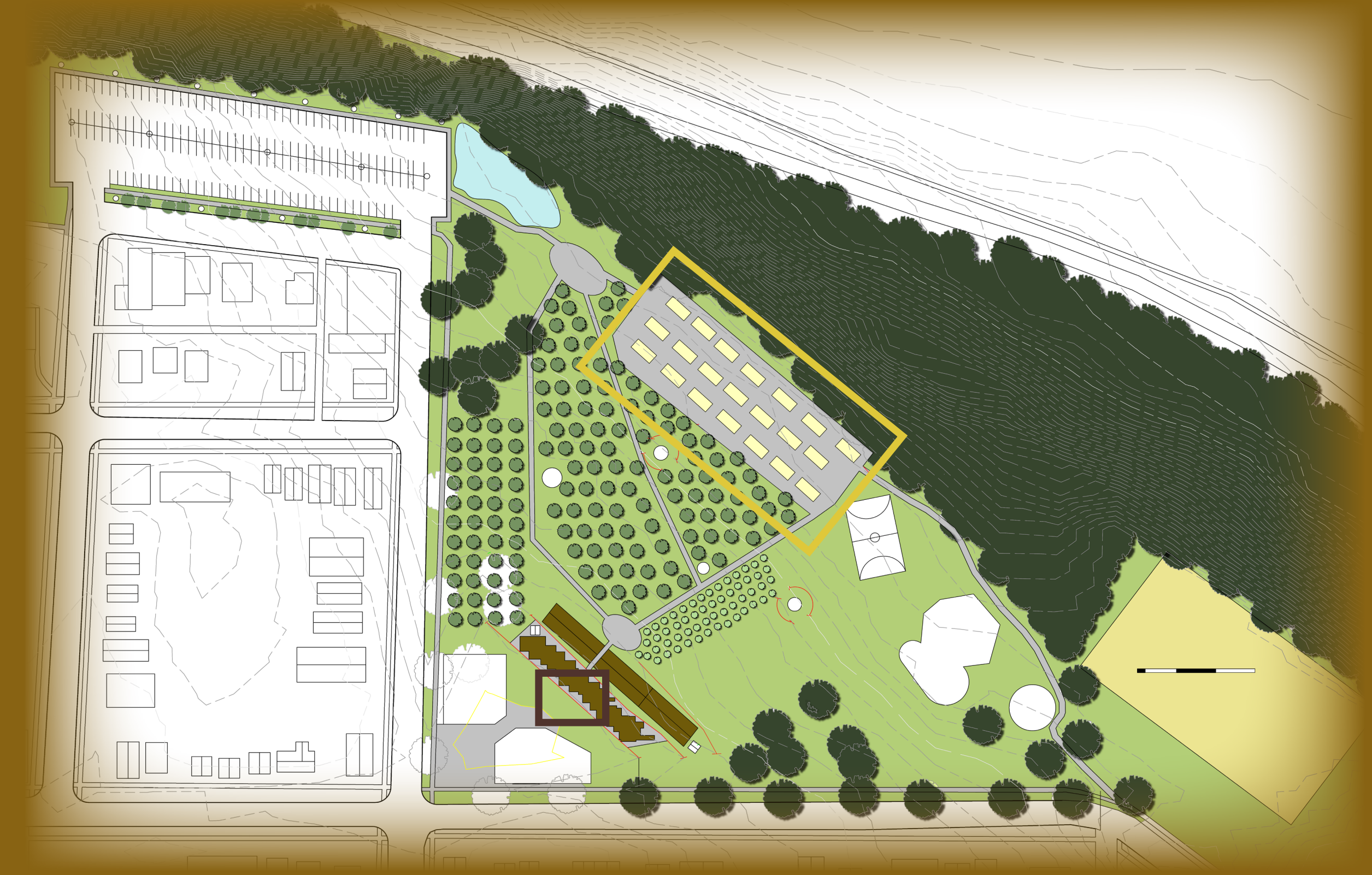Prunus armeniaca "Goldbar"
Prunus armeniaca "Titon"

Pear Tree
Bartlett Pear
Comice Pear
D Anjou Pear

Red proposed change topography
Yellow is remove topography

N

Prunus besseyi
Prunus americana
Amelanchier alnifolia
Prunus Fruticosa
Prunus tomentosa
Viburnum trilobum
Sheperdia arentea
Sheperdia arentea
Prunus Virginiana

Food: Entrance Garden Area Summer Perspective

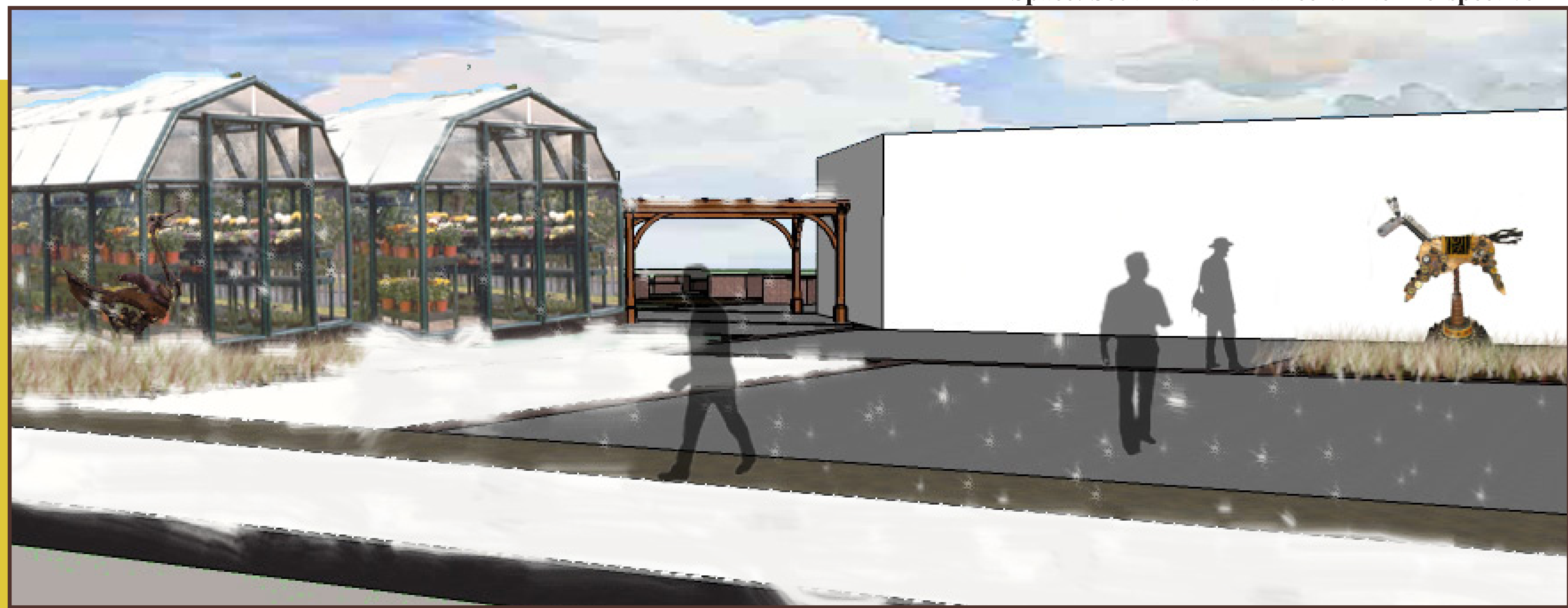**Celebration: Farmers Market Perspective**

Space: Orchard Spring Perspective

Space: South East Entrance Winter Perspective

Creating Celebrations, Food, and Spaces