



# THE FARM

## 1 Food Forest

A food forest is a permaculture (permanent + agriculture) concept that uses forest ecosystems as a model for food production. They provide a range of foraging opportunities by stacking plants in layers in the manner of forests to maximize diversity. Low-growing herbs and vegetables are nestled around the bases of fruiting trees and vines.

## 2 Apiary

A collection of two beehives that provide pollination services to enhance crop yield and honey for human use. Bees enjoy year-round access to nectar and pollen. They are not aggressive by nature and can tolerate respectful human activity close to the hive.

## 3 High Tunnel

This unheated structure is used to extend the growing season by protecting plants from weather extremes.

## 4 Greenhouse Collaborative

A 30' x 72' greenhouse that started as a hydroponic growing space was transformed for indoor, in-ground all-season growing in 2020. The design also includes germination chambers and a seedling nursery with ample space for workshops and tours.

## 5 Compost

An area for collecting and storing organic material where it can be broken down by microorganisms. The final product is a rich, sweet-smelling material called "compost" that enriches the soil by providing nutrients, retaining moisture and improving soil structure for increased root growth. Compost increases crop yield and reduces the need to irrigate and fertilize, helping manage production costs and resource use.

## 6 Pollinator Perimeter

Plants growing around the perimeter of the Farm provide a wide range of ecosystem services including beauty, stormwater management and resources for wildlife. This extensive border garden attracts insects and birds that pollinate crops and prey on pests and features native plants, shrubs and trees.

## 7 Production Area

Central growing area divided into six blocks (A,B,C,D,E and F). Each block contains eight 50' beds that are 30" wide and includes 18" walkways. Regenerative farming practices include low till practices, crop rotation, interplanting and cover cropping to produce a wide variety of fruit and vegetables. Three beneficial hedgerows include herbs and flowers.

## 8 Storage Shed

Central area for all equipment and supplies.

## 9 Farm Stage Pavilion

This multi-purpose space includes an office, wash and pack station for safely processing food and cold storage to maintain freshness. It is also used for the seasonal Pay-What-You-Can Farmstand and other gatherings and workshops.

## 10 Rainwater Cisterns

Rainwater is collected from the roof of the adjacent restaurant, then filtered and pumped into two 5,000 gallon cisterns. Stored rainwater is used to irrigate all production areas. This system was installed in collaboration with the City of Raleigh's Rainwater Rewards program.

## 11 Rain Gardens

These shallow depressions manage stormwater by slowing the movement of surface water, reducing erosion, and allowing the movement of surface water to infiltrate the soil. Plant roots and microorganisms break down and store pollutants before they can reach food production areas.

## 12 Blount / Delway Expansion

Two additional lots were added to the lease in 2024, bringing the Farm's total footprint to 1.2 acres. This additional space increases the production of food, flowers, volunteer engagement, and community gathering. It also provides additional space for an expanded nursery and a long term compost pile.

## Flower Gardens

There are abundant flowers growing throughout the site. In addition to the perimeter, food forest and beneficial hedgerows, there are eight additional gardens devoted to the growing, harvesting, selling and donation of annual and perennial flowers and herbs.