A stylized sun graphic on the left side of the slide. It features a large, solid yellow circle representing the sun's disk, with several short, thick yellow dashes of varying lengths radiating from its top-left edge. The background is split: the top-left corner is orange, and the rest is white, separated by a curved line that follows the sun's path.

# Syracuse Urban Food Forest Project for Green Infrastructure: Infiltrating Water and Invigorating Neighborhoods

USDA Forest Service Great Lakes Restoration Initiative



# Overview

- GLRI: 2 year project (2022-2023)
- Plant 451 trees and 211 shrubs on 2.64 acres along 3.0 mile corridor in Syracuse, NY
- Community engagement and education with 4 community planting events and community food walks
- Increase intercept by 1.7M gallons; lower stormwater impact by 0.4M gallons over 20 years



# Partners

- Syracuse City Depts Parks & Rec (Urban Forestry), Neighborhood & Business Dev (NBD)
- SUNY College of Environmental Science and Forestry (ESF)
- Syracuse University (SU)
- Onondaga Earth Corps (OEC)
- Southwest Community Learning Farm (SWCLF)
- Brady Faith Farm



# Project Developers

STEWART DIEMONT, Ph.D. Assoc. Professor, Environmental Biology, SUNY-ESF

MATT POTTEIGER, MLA. Professor, Landscape Architecture, SUNY-ESF

ANNE C BELLOWS, Ph.D., Professor, Nutrition & Food Studies, Syracuse University

KATHERINE KORBA, MLA, Natural Areas & Urban Forestry Specialist, Kanopy Works

STEVE HARRIS, MS (ESF). Syracuse Arborist (since 2010), Forestry Div., Department of Parks, Recreation, and Youth Programs

ROBERT COVILLE, Project Manager, Davey Institute & USFS

DON LEOPOLD, Ph.D., Distinguished Teaching Professor, Environmental Biology, SUNY-ESF

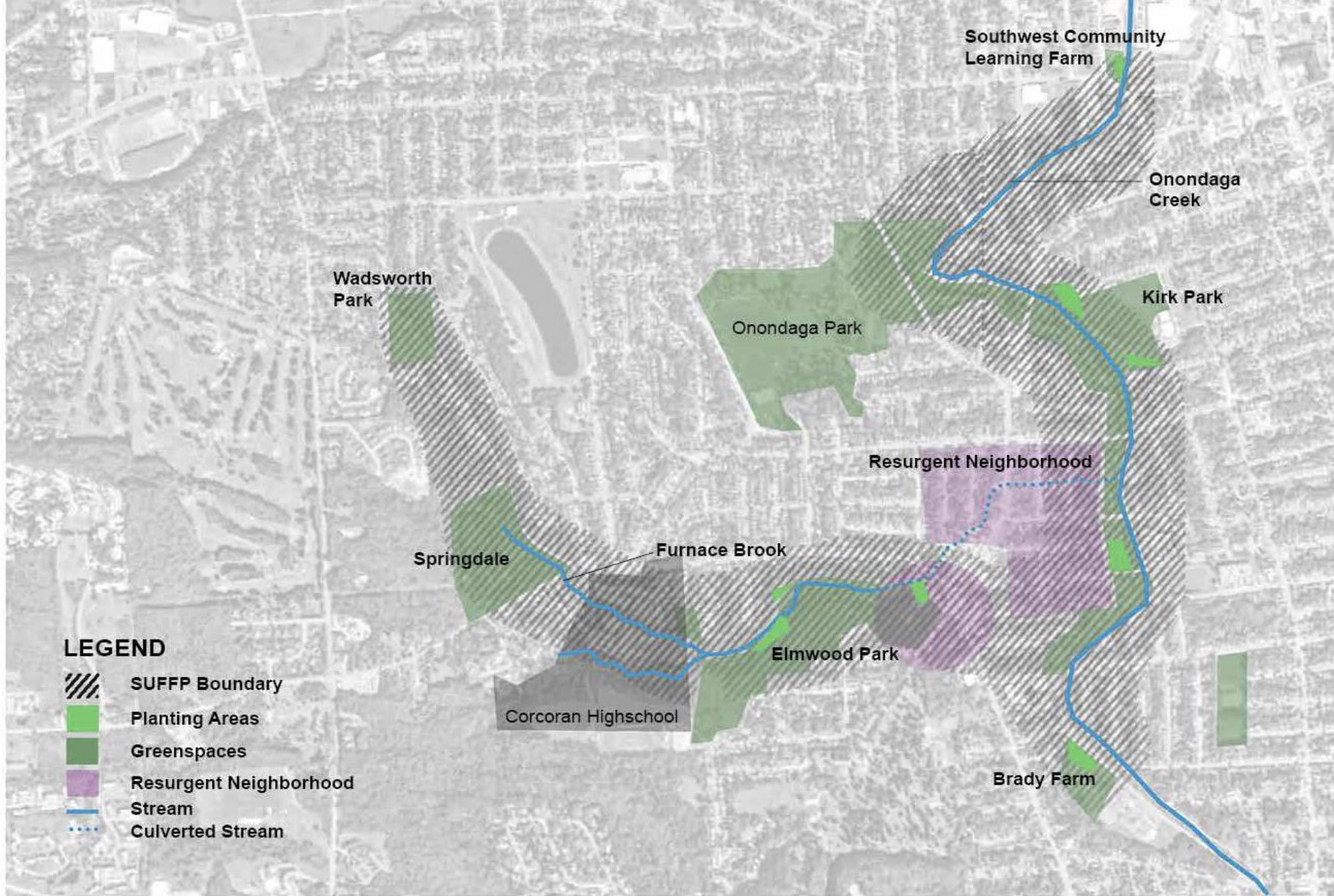
SUDHA RAJ, Ph.D., RDN, FAND, Teaching Professor, Nutrition & Food Studies, Syracuse University





What is a Food Forest?

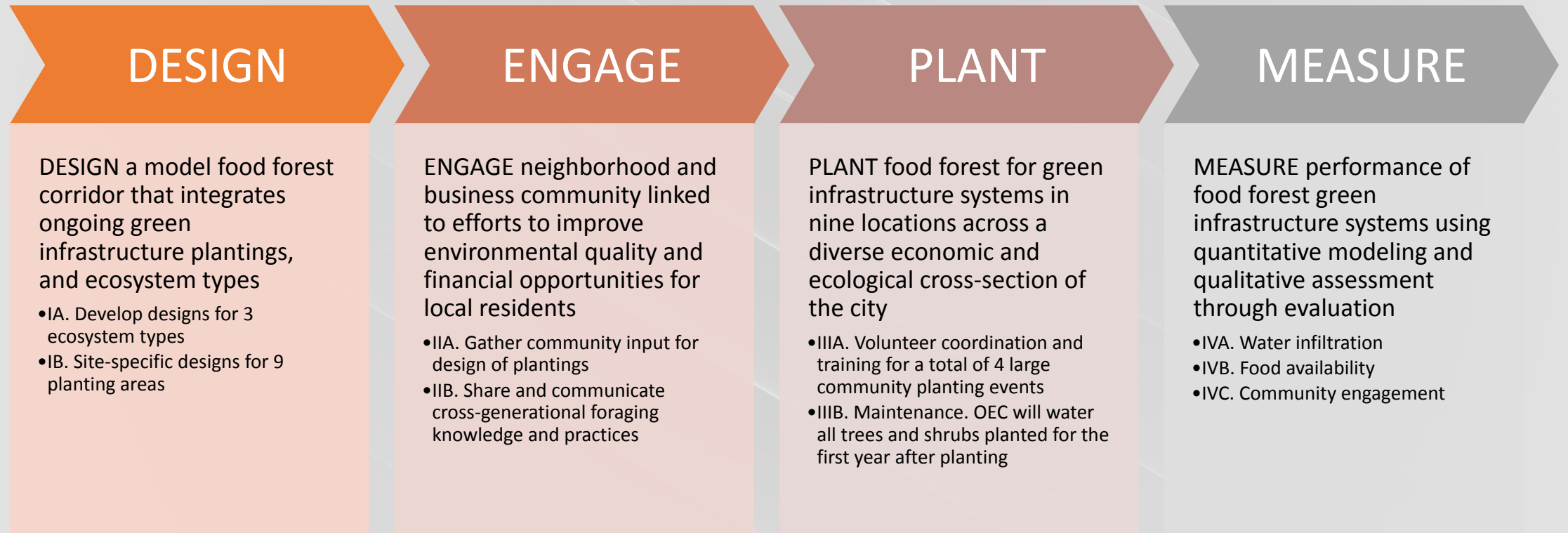
# Area Map



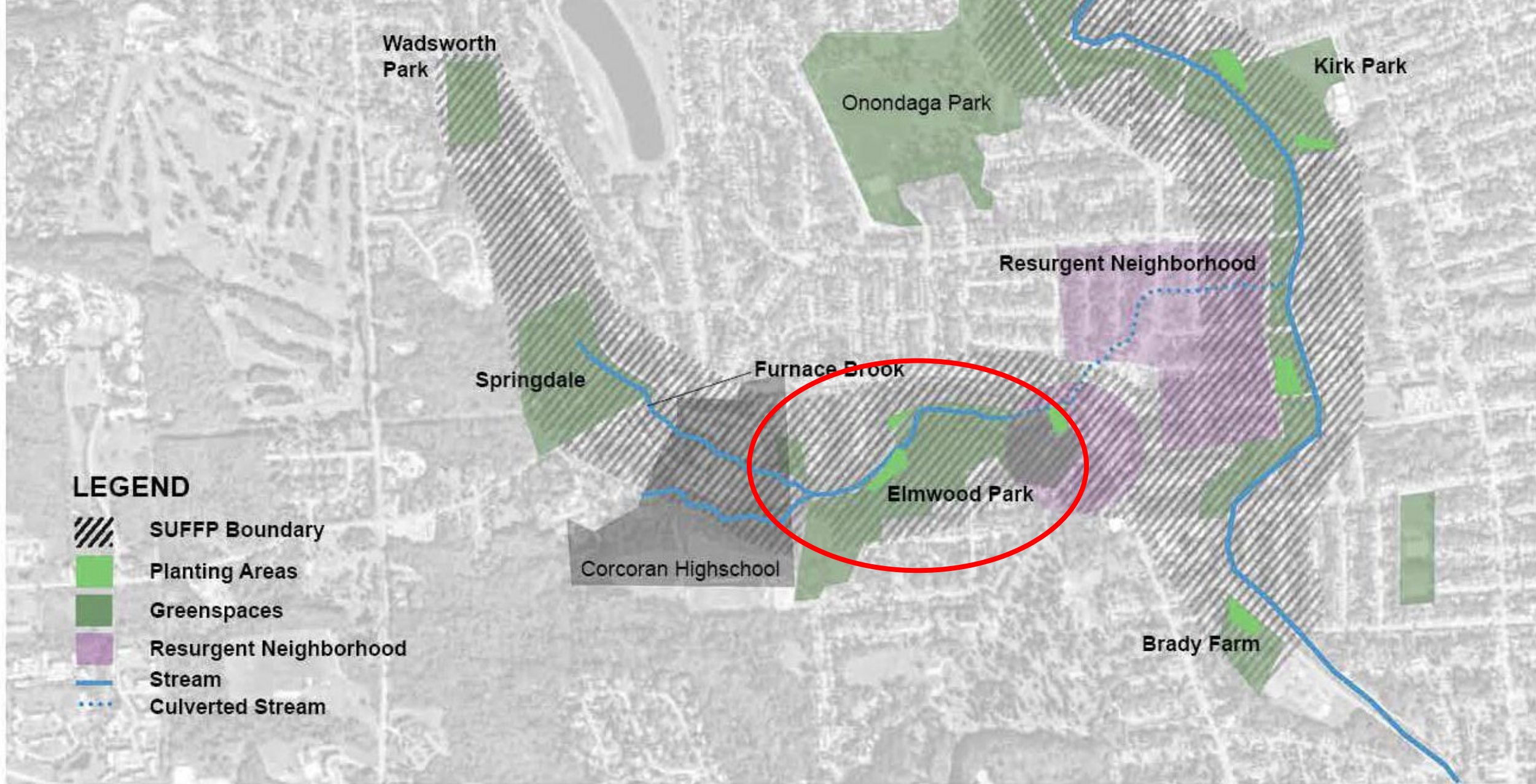
**Syracuse Urban Food Forest Project**



# Scope of Work







# Syracuse Urban Food Forest Project





# Planting w/ Youth from OASIS SCHOOL





# Vacant Lot adjacent to Elmwood Park





4th Grade  
Students

May 12th,  
2022





# Red & Black Currant Shrubs





Chinkapin  
Oak, *Quercus*  
*muehlenbergii*





Chinkapin  
Oak, *Quercus*  
*muehlenbergii*



# Elmwood Park Community Tree Planting Event on Saturday, May 21st, 2022



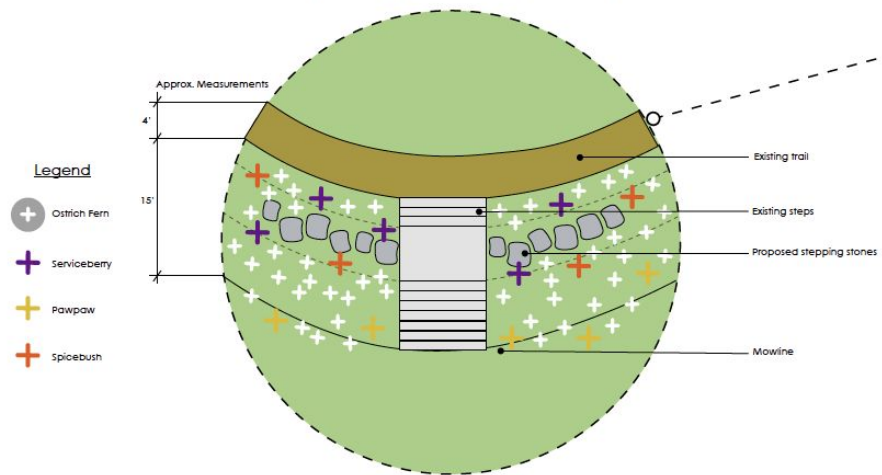




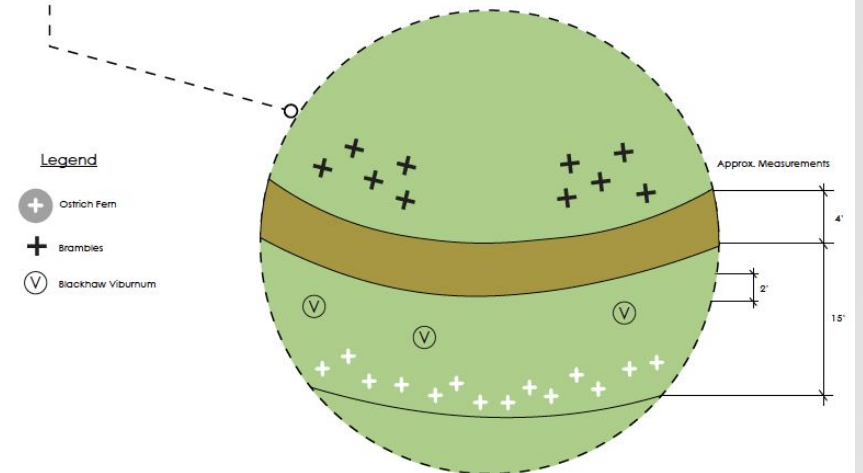




Proposed Planting Schematic: Stairs by Bridge



Proposed Planting Schematic: Brambles

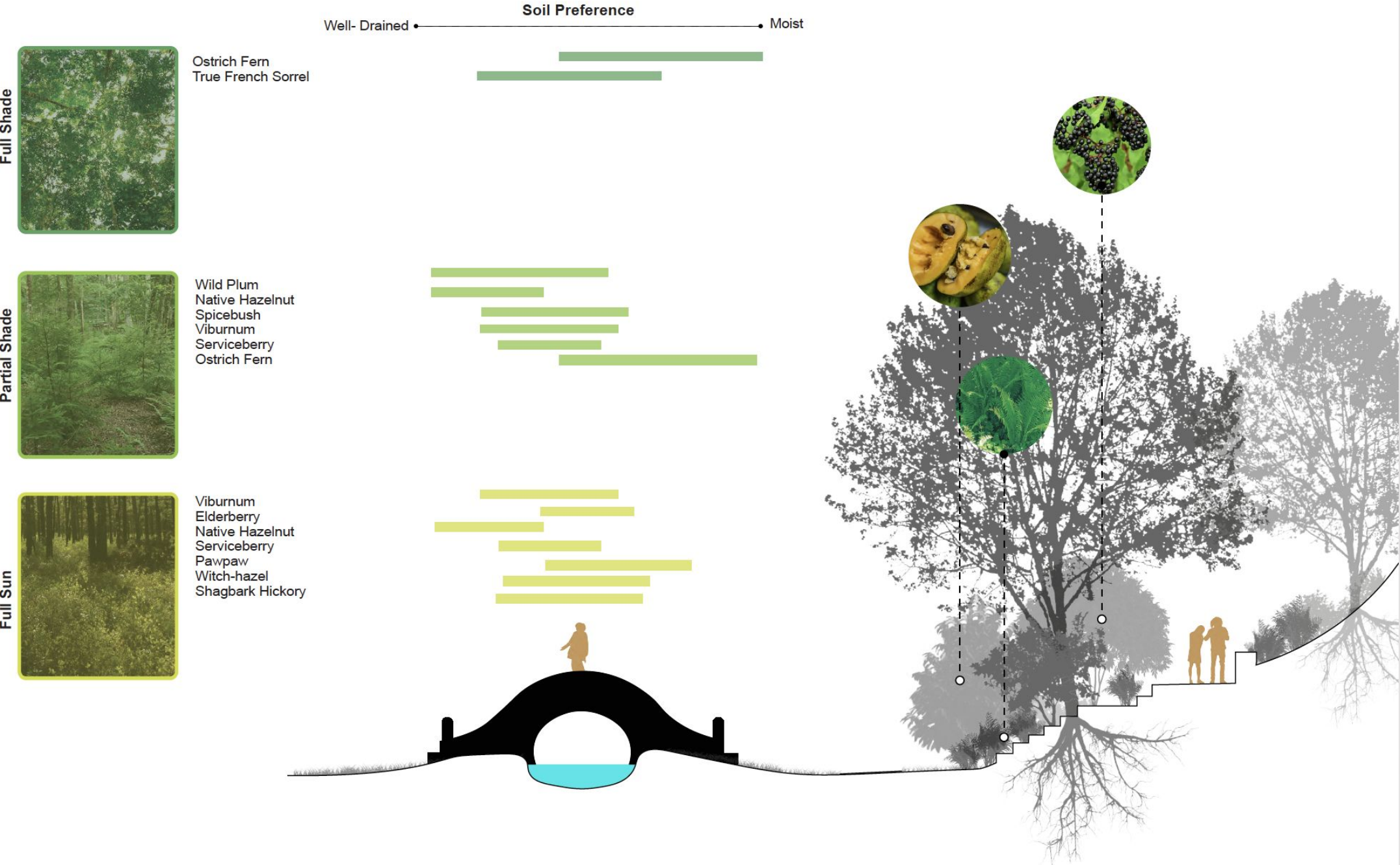








NOVEL ECOSYSTEM STRUCTURE + FUNCTION:  
PARKWAY: ELMWOOD PARK PROPOSED PLANT SPECIES





Shagbark Hickory,  
*Carya ovata*









Pawpaw,  
*Asimina triloba*

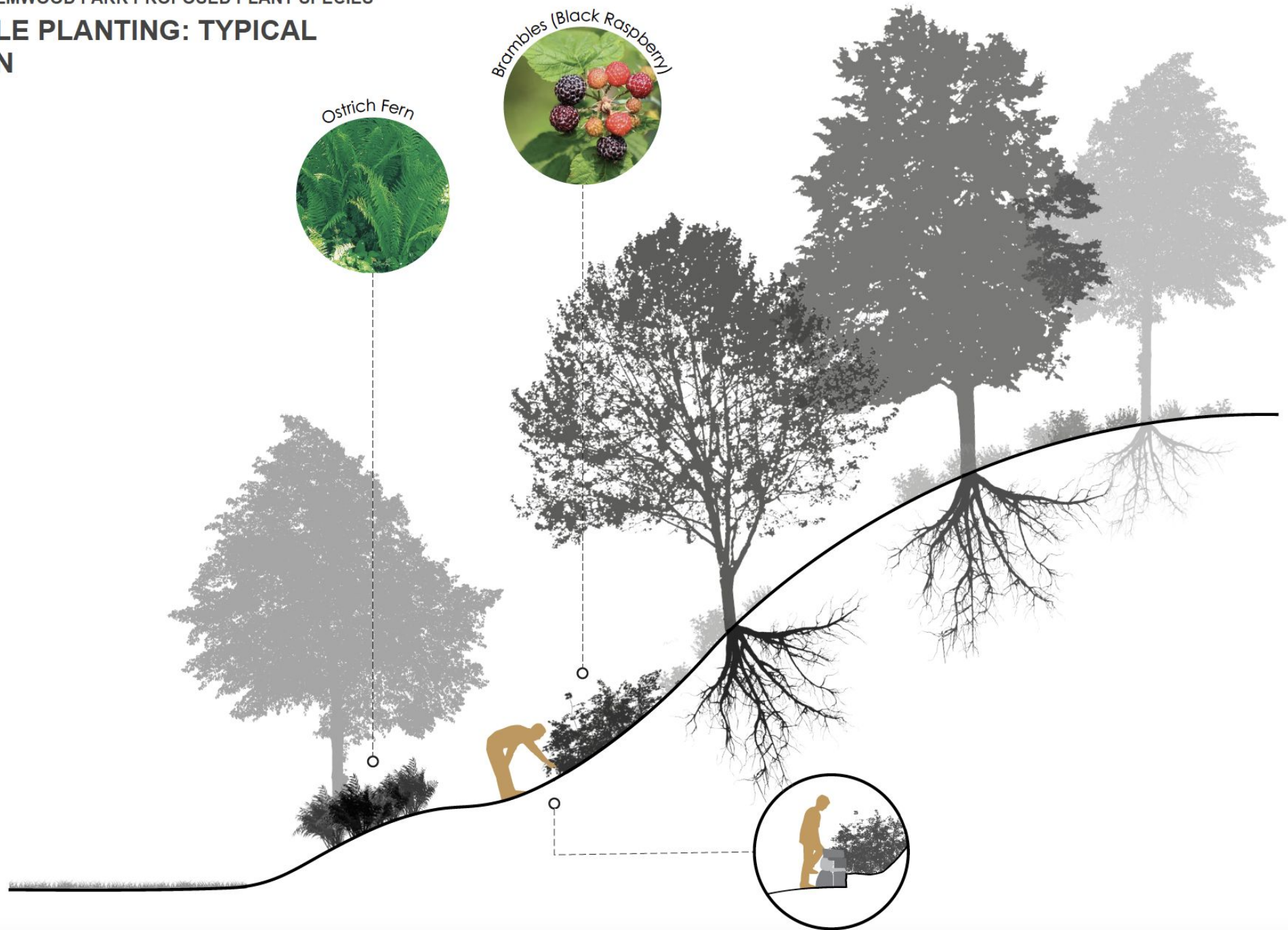








## BRAMBLE PLANTING: TYPICAL SECTION









# Foraging, Public Access and the Honorable Harvest

The SUFFP increases access to public land for foraging.



# Community Engagement, Public Health and Environmental Justice

We seek to increase diverse community engagement with nature and open access for foraging foods.



# Green Infrastructure

In addition to creating edible ecologies, the SUFFP provides important ecological services:





# Green Infrastructure

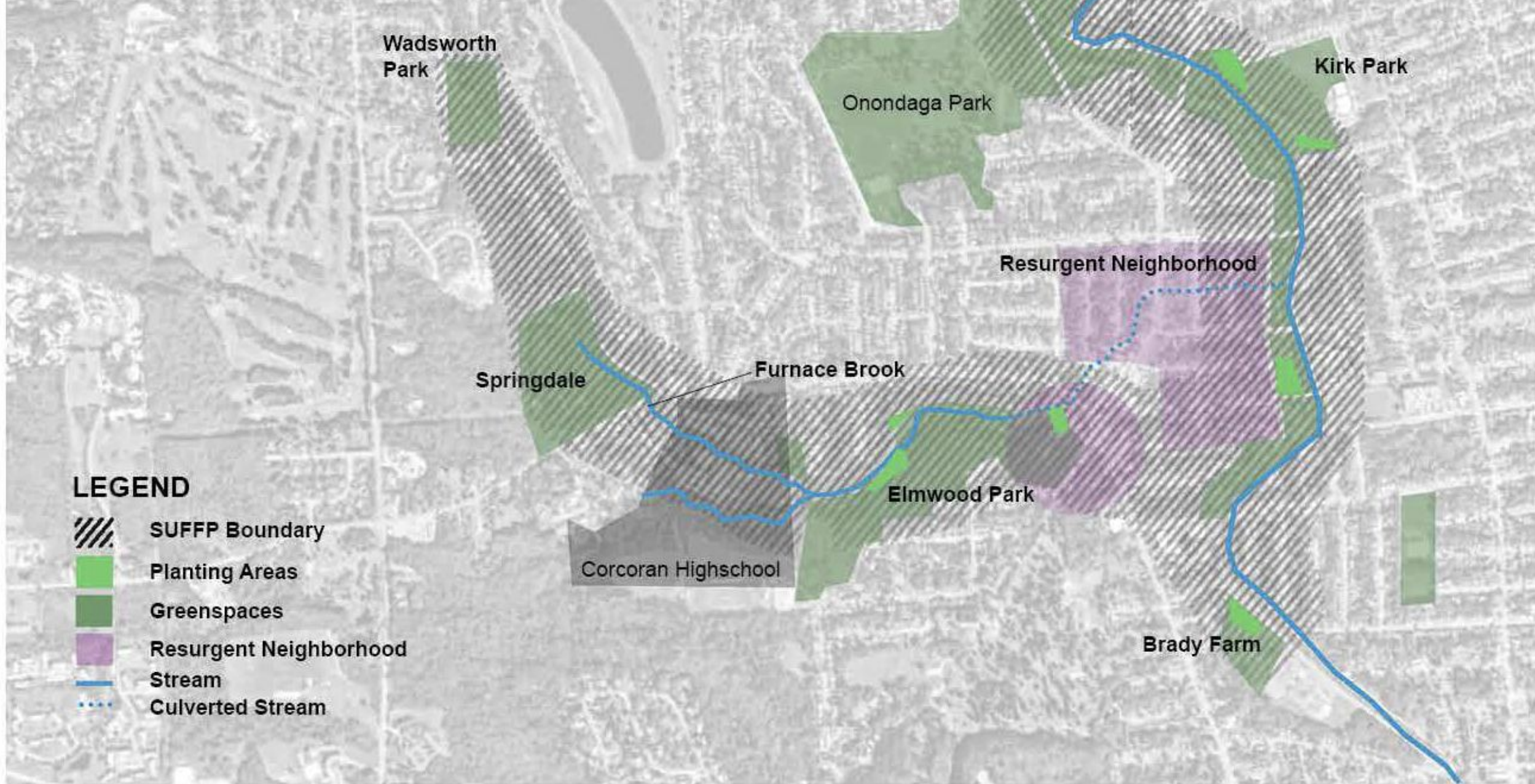
- Reducing stormwater runoff
- Increasing habitat diversity and connectivity
- Sequestering carbon



# Neighborhood and Business Development

- The SUFFP works with chefs and businesses to identify local sources for plants that can used in their products





# Syracuse Urban Food Forest Project





## BRAMBLE PLANTING: TYPICAL SECTION

