

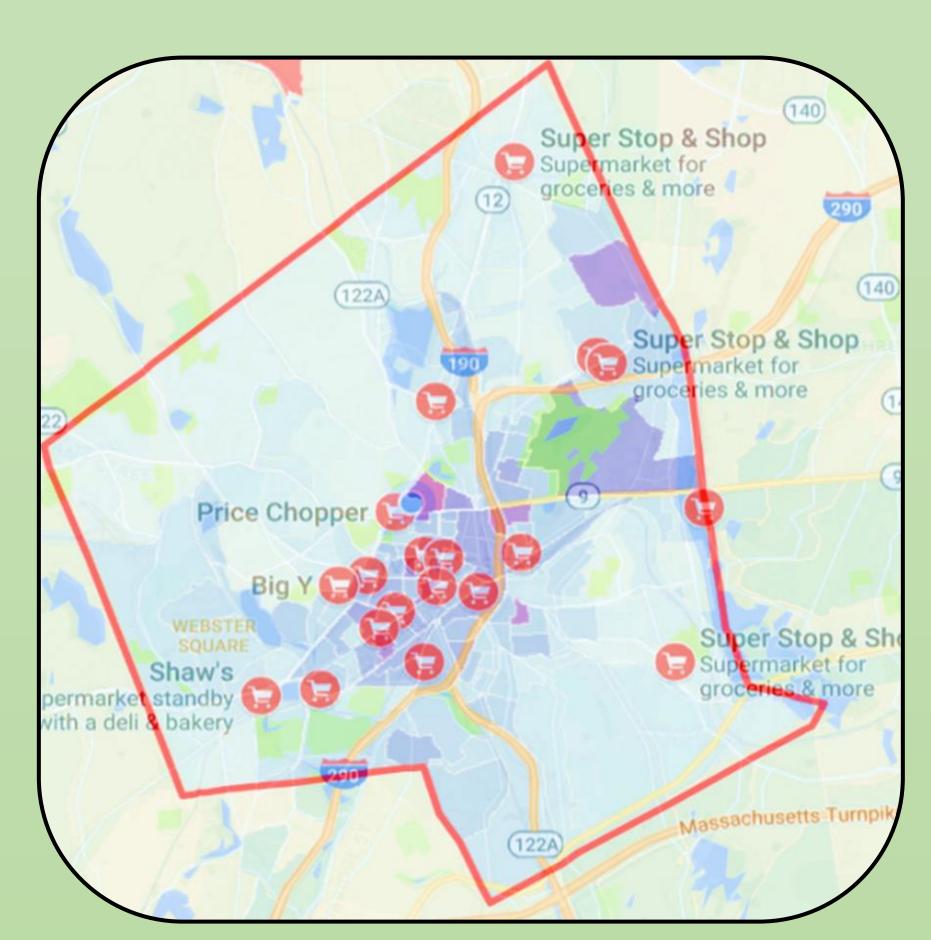
# Closing the Grocery Gap In Worcester:

Redesigning the Bioshelter for Maximum Sustainability and Efficiency

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### The Problem: Combatting the Grocery Gap



Grocery stores in Piedmont neighborhood

#### WHO

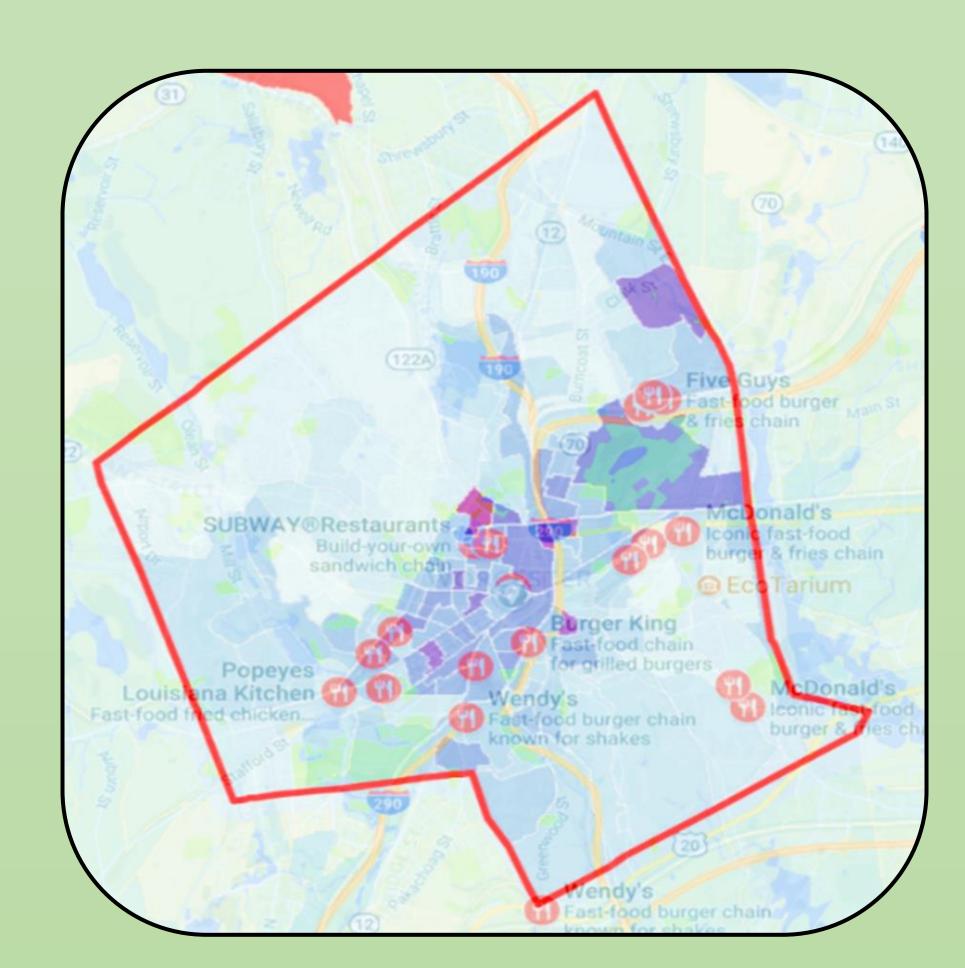
The people of the Piedmont, Worcester neighborhood

#### WHAT

The Grocery Gap

#### WHY

Systematically oppressed people are societally forced to live in areas with a loss of grocery stores and an influx of fast food restaurants, hindering their access to healthy, affordable foods.



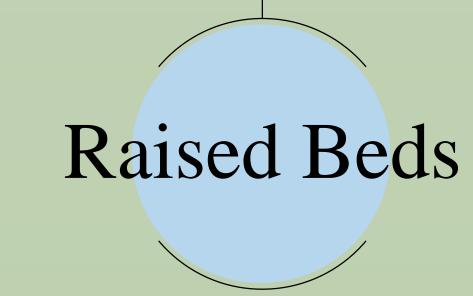
Fast food restaurants in Piedmont neighborhood

#### SCAN HERE



TO LEARN MORE

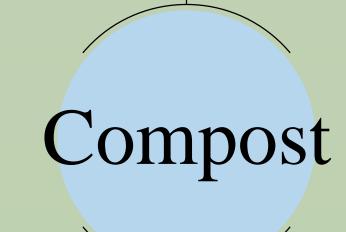
# Initial Interior Design Plans: IQP Team



Provide a place for outside growth



Challenging to get going and maintain



Provides a renewable source of nutrients



Jaques Avenue Bioshelter

### Our Proposed Interior Layout

## Hydroponics



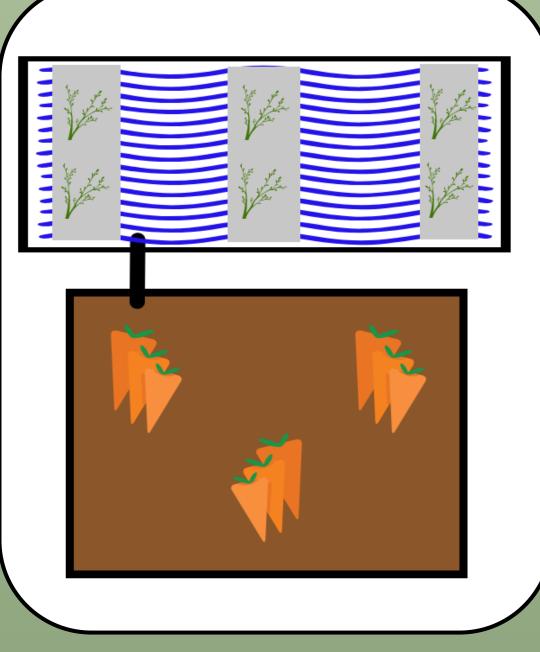
Easier to implement than aquaponics

### Potting Benches



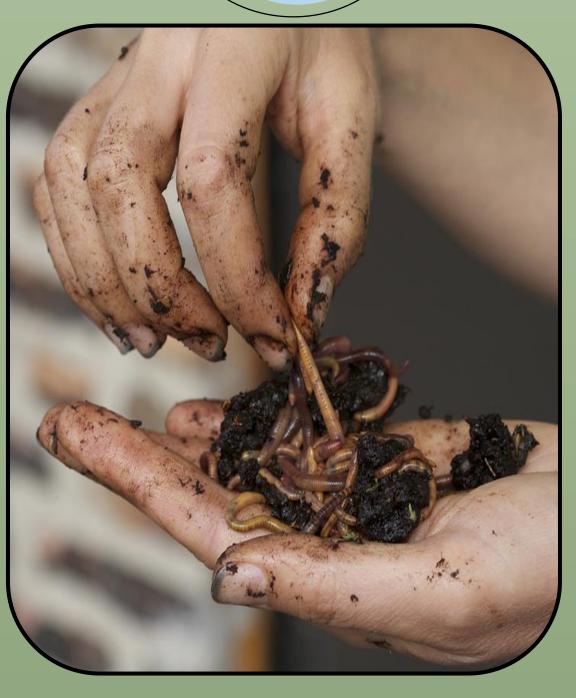
Gets the farmers more involved

### Wick Beds



Easy to implement with hydroponics

# Vermiculture



Provides a renewable source of nutrients

### Vertical Gardens



Grow seedlings and get projects off the ground