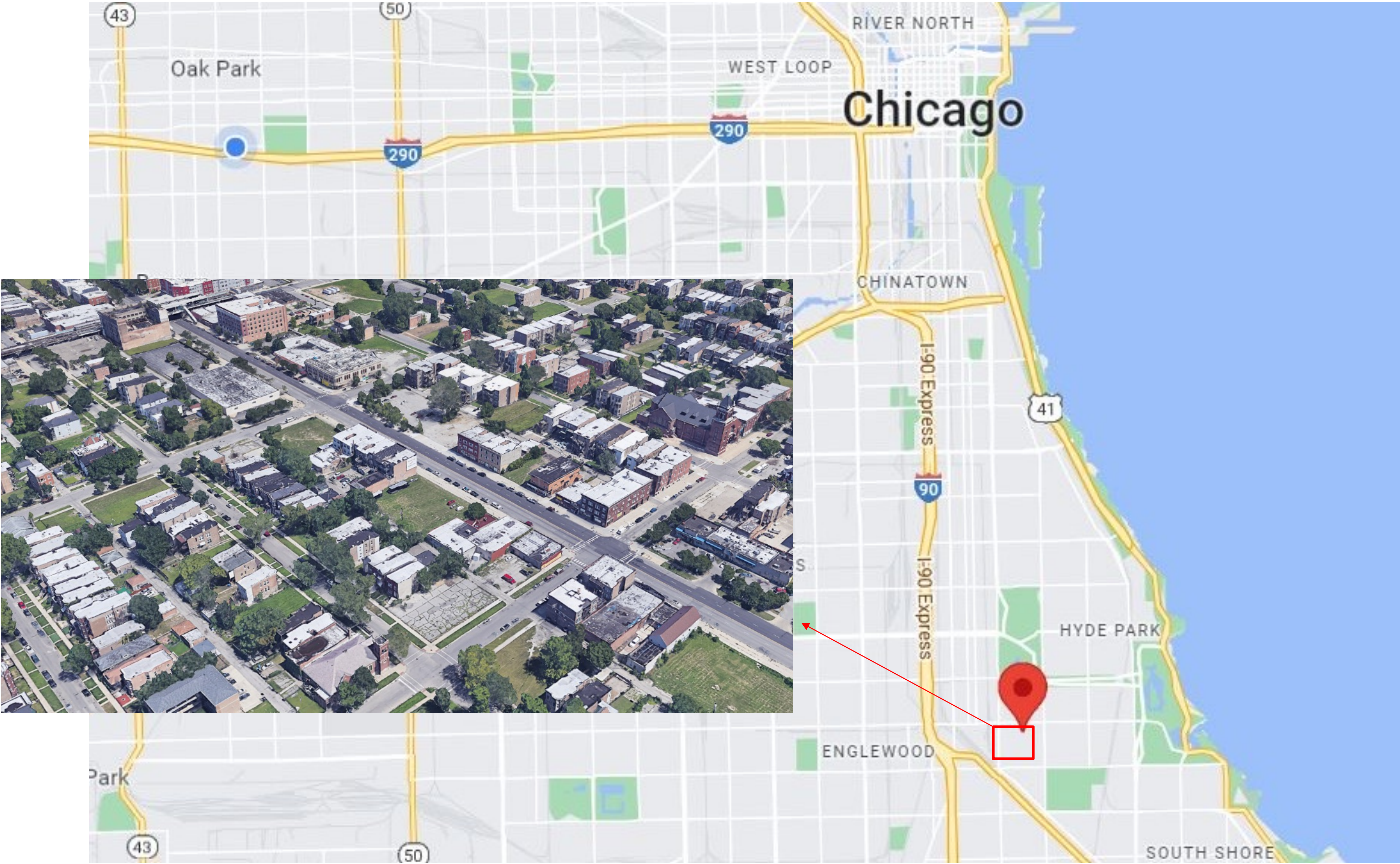


The Role of Phius in the SustainableSquare

Mile™



The Sustainable Square Mile™ West Woodlawn Neighborhood Location



The Sustainable Square Mile™ West Woodlawn Values—”Grannynomics”



VALUES UNDERLYING OUR 8 PRINCIPLES OF GREEN-VILLAGE-BUILDING™

- ◆ **EVERYONE MUST WORK:** Even the lilies of the field must draw water and harvest sun.
- ◆ **ALL YOUNGSTERS LEARN A TRADE:** By age 10 you're an apprentice
- ◆ **CASH IS OFTEN OPTIONAL:** Grow your own food, make your own clothes
- ◆ **PAY AS YOU GO:** Use the catalog to dream big, spend small, and appreciate your possessions.
- ◆ **COMPETE TO IMPROVE:** In raising hogs or in a spelling bee, be your best.
- ◆ **EARN RESPECT:** Trade in the Golden Rule.
- ◆ **DEFINE AND REGULATE YOURSELF:** Your spouse's boss' wife cannot tell you what to do.
- ◆ **BE COURTEOUS, HONEST, PROUD:** You can be certain your Creator—and others—are watching.
- ◆ **CLOTHE, FEED, EDUCATE, AND RESTRAIN YOUR CHILDREN AND YOURSELF:** Adopt others' children if they can't.
- ◆ **KEEP YOURSELF AND YOUR THINGS BEAUTIFUL AND NEAT:** Even your laundry on the line should shine.
- ◆ **EAT WELL AND REST:** Take care of the goose that lays the golden eggs... enjoy featherbeds and whole grains.
- ◆ **SURROUND YOURSELF WITH FLOWERS:** Chicken poop makes great fertilizer.



8 PRINCIPLES OF GREEN VILLAGE BUILDING



1. WEALTH | MICRO-SAVING/ LENDING LOCAL CURRENCY/WEALTH

Each village has its own measures, exchanges, and repositories of wealth.



2. ENERGY | LOCAL ENERGY PRODUCTION AND TRANSPORTATION

Each village produces its own energy for heat, light, and transportation.



3. PRODUCTS | SHOPPING AND WASTE

Each village supplies basic goods and services to neighbors, recycling and converting waste.



4. HOMESTEAD | AFFORDABLE GREEN HOMES AND GARDENS

Each village is sustained through jobs-driven development without displacement, providing low-income housing and producing high-quality food through land trust community development corporations (CDCs).



5. CULTURE | NEWS AND NETWORKS STORIES AND STRUCTURES

Each village celebrates its past, present, and potential future culture through stories in print, digital, and theatrical forms.



6. ORGANIZED | VILLAGE CENTERS AND BORDERS

Each village is a walkable, self-sustaining whole with perceptible borders, interdependent local ties, global context, organized, and in action for self-interest.



7. EDUCATION | YOUTH AND ADULT

Each village fosters life-long learning through hubs, which are epicenters for green training, development and lifestyle transformation.



8. OASIS/COMMERCE | GREEN JOBS AND ENTERPRISE

Each village circulates its wealth through neighbor-owned businesses which invest, manufacture, and merchandise locally.



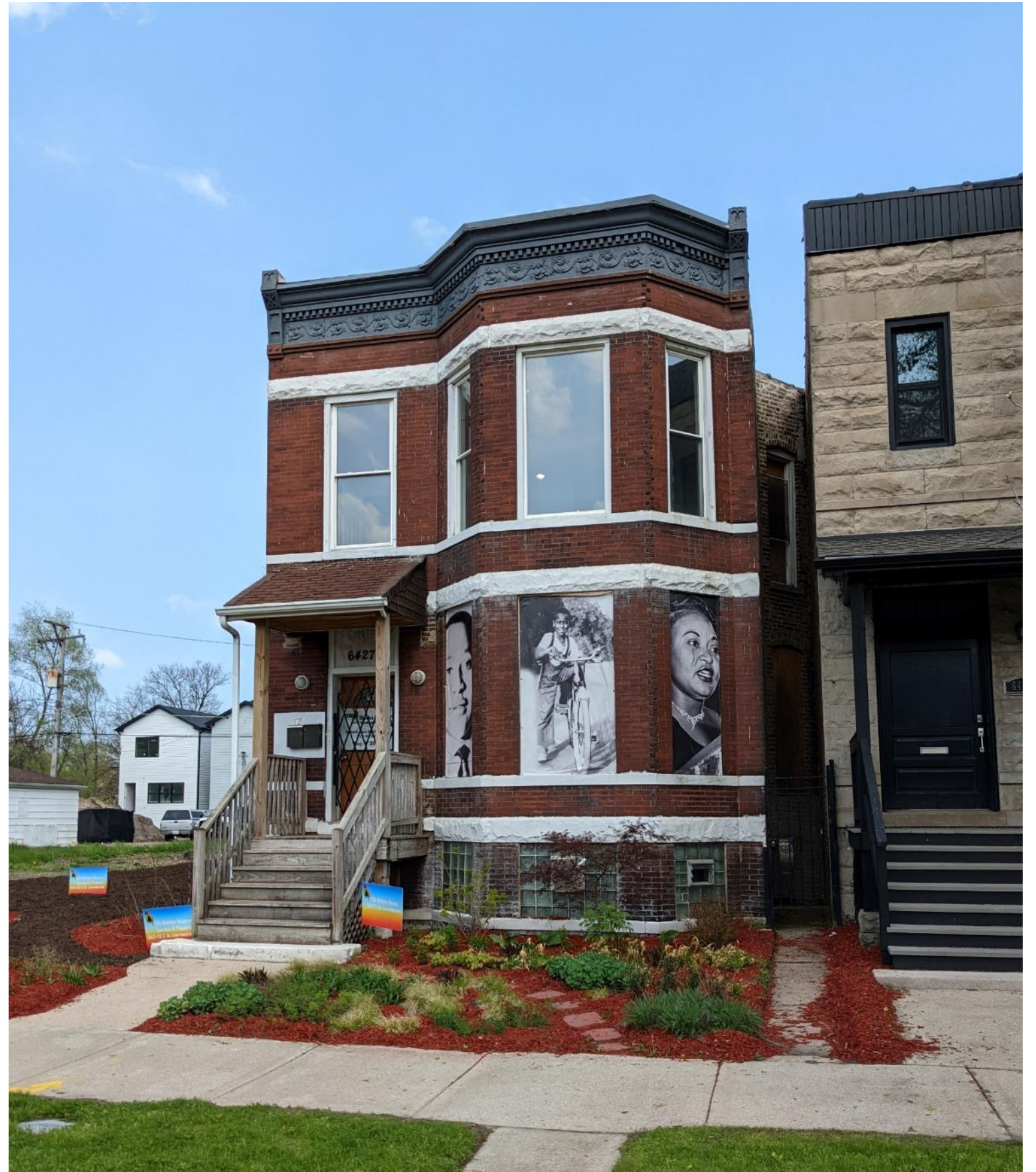
WHAT IS THE PROBLEM AND WHAT DO WE DO?

Energy consumption and costs affect all households and communities, yet studies show that communities of color are more likely to have poor energy infrastructure and less access to affordable and renewable energy sources. African American households and communities experience a median energy burden 64 percent greater than white households.² To add to this disparity, increases in energy prices have led to 70 to 80 percent of recent recessions: The increase in unemployment of African Americans during energy-caused recessions is twice of that of non-Hispanic whites, which translates to an average 1 percent drop in annual income.

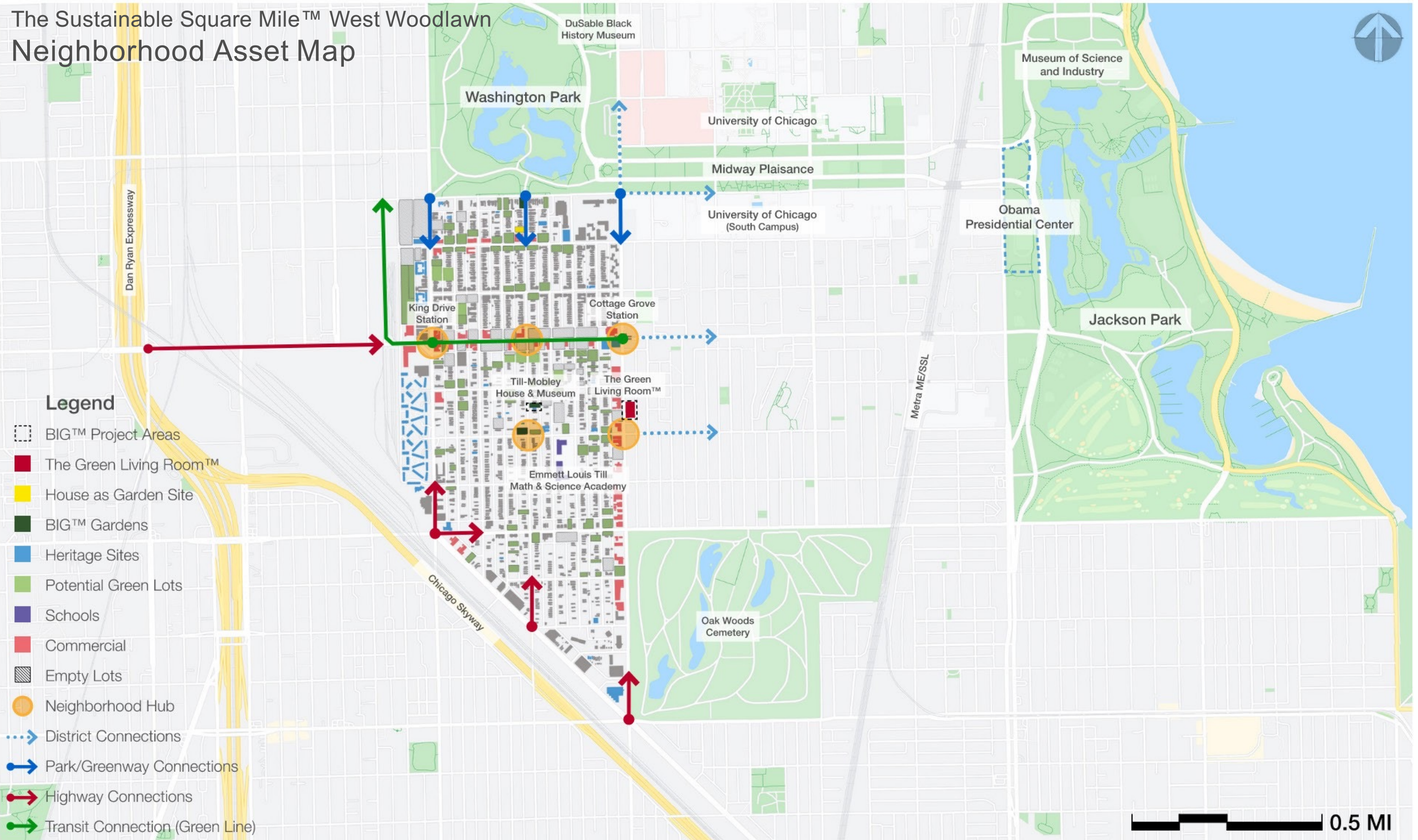
To solve this problem, it is essential that African American communities reduce their dependence on energy and the traditional energy structure. Keeping energy production within the neighborhood allows residents to own and have a financial stake in their energy infrastructure. The total economic value to the community of locally owned projects is 50 to 240 percent greater than non-local ownership. This approach provides local jobs and wealth for the community and the state.ⁱ



The Sustainable Square Mile™ West Woodlawn BIG History



The Sustainable Square Mile™ West Woodlawn Neighborhood Asset Map



Legend

- BIG™ Project Areas
- The Green Living Room™
- House as Garden Site
- BIG™ Gardens
- Heritage Sites
- Potential Green Lots
- Schools
- Commercial
- Empty Lots
- Neighborhood Hub
- District Connections
- Park/Greenway Connections
- Highway Connections
- Transit Connection (Green Line)



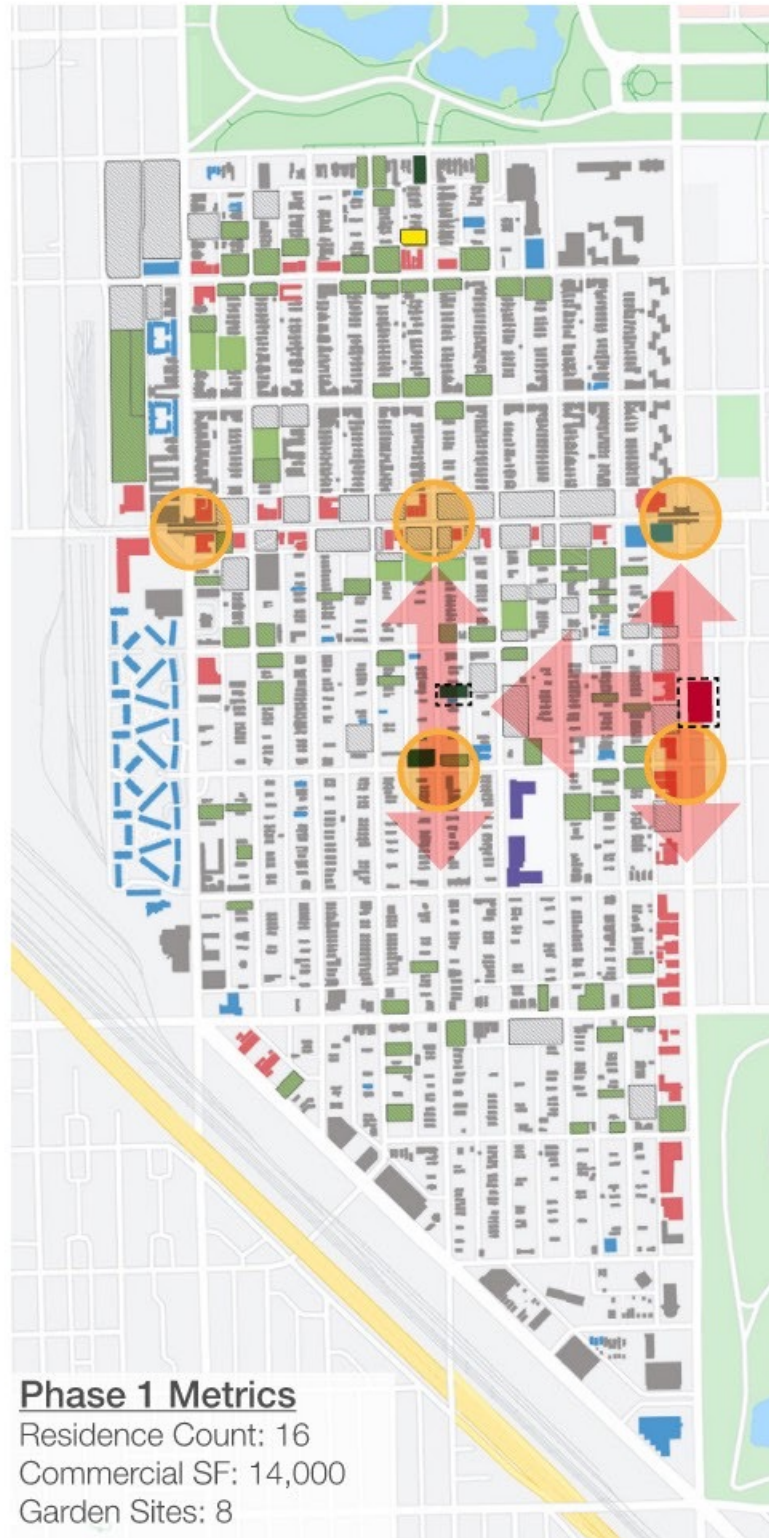
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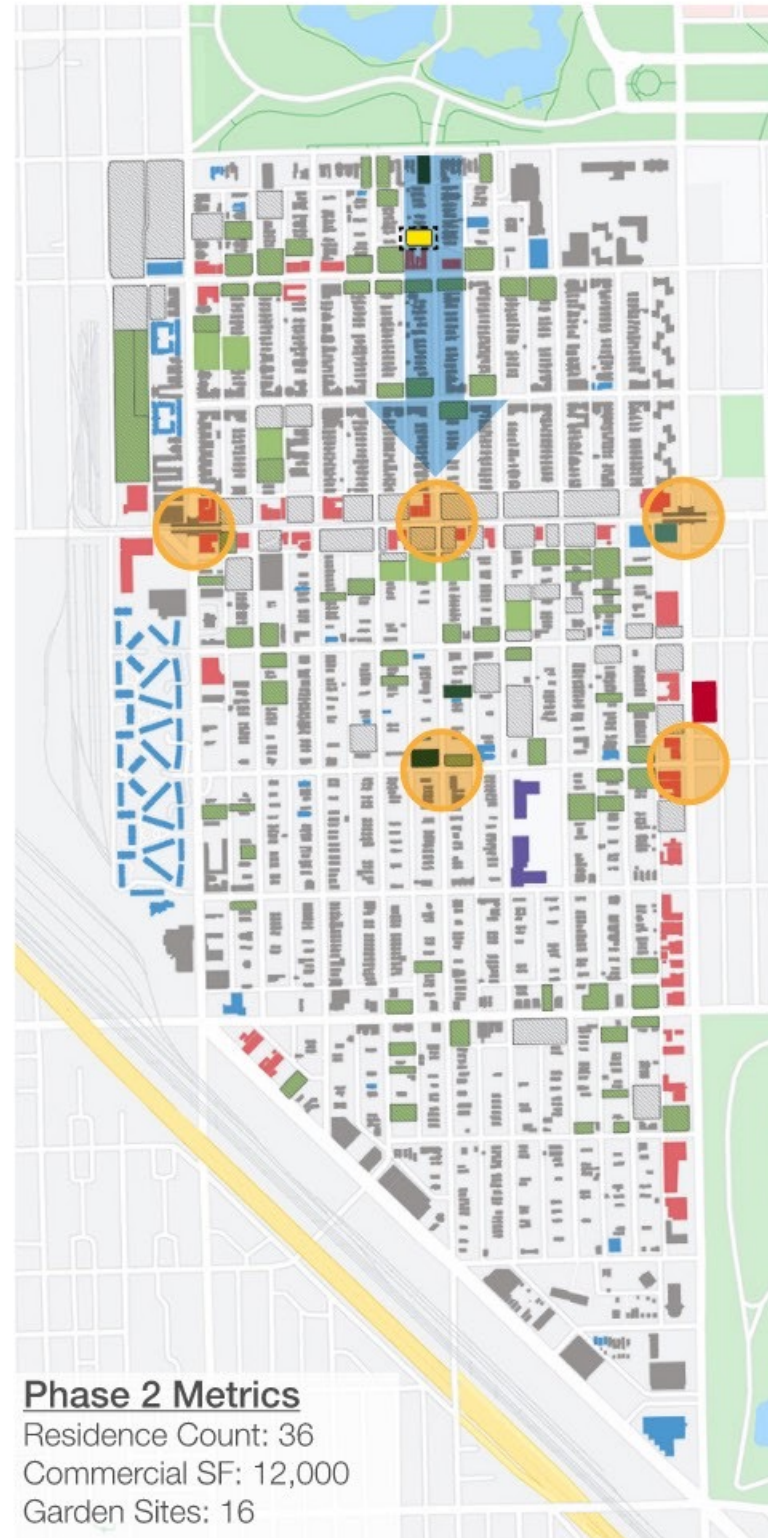
The Sustainable Square Mile™ West Woodlawn Vision and Impact



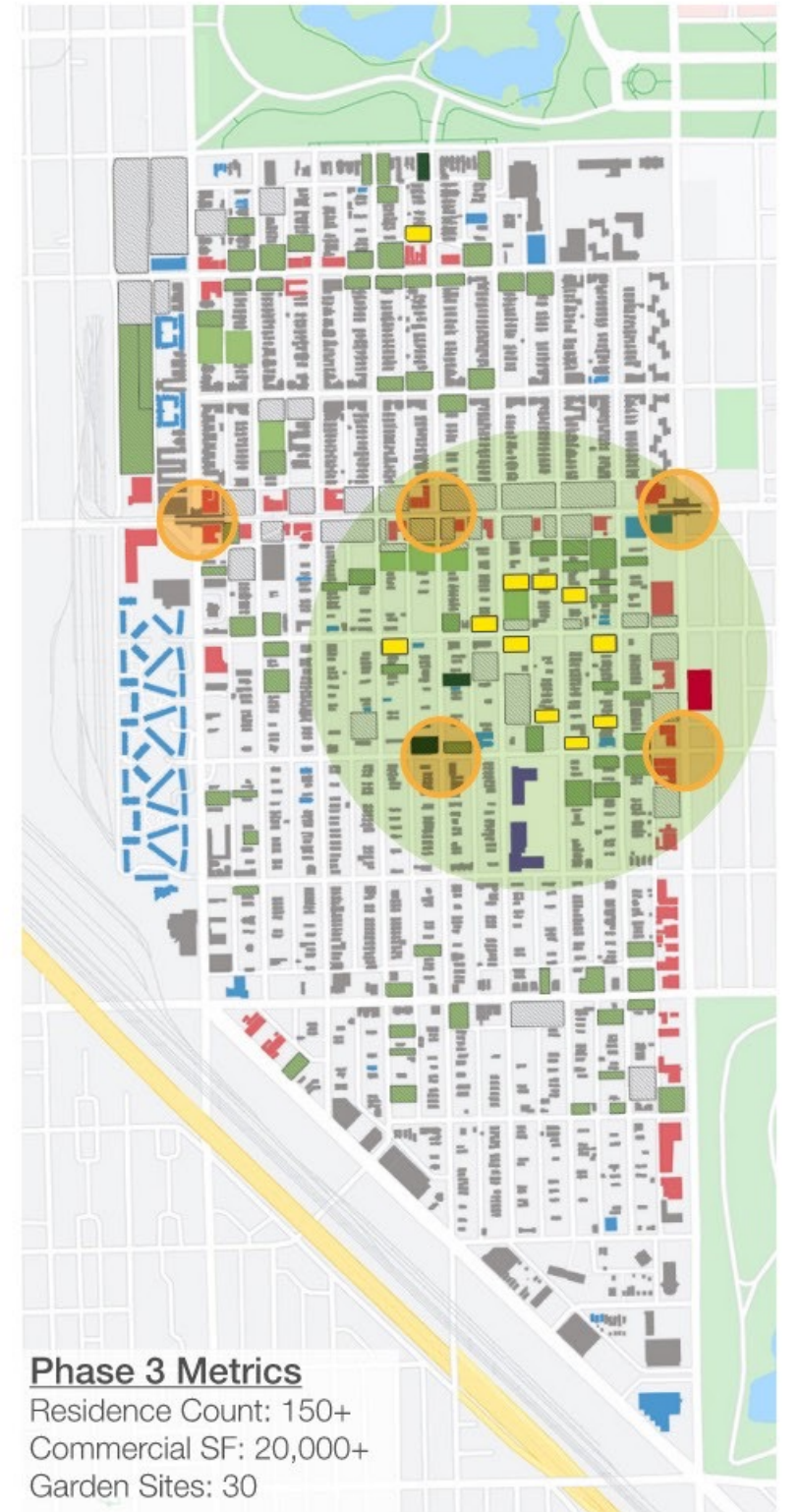
Phase 1
Green Living Room™, Till-Mobley House



Phase 2
House as Garden



Phase 3
Scattered Sites, Renovation & New

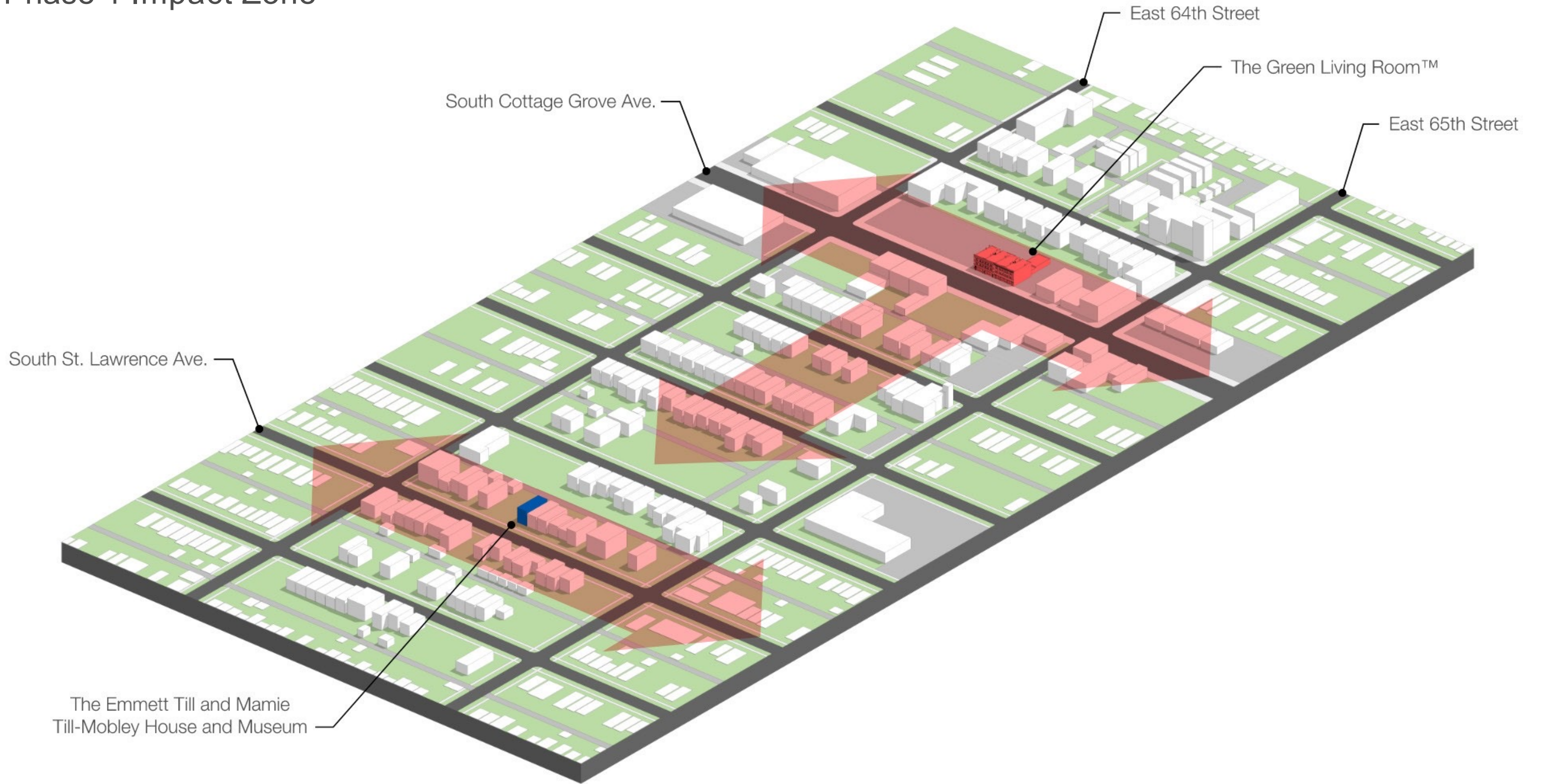


Legend

- BIG™ Project Areas
- The Green Living Room™
- House as Garden Site
- BIG™ Gardens
- Heritage Sites
- Potential Green Lots
- Schools
- Commercial
- Empty Lots
- Neighborhood Hub
- Phase 1 Impact Zone
- Phase 2 Impact Zone
- Phase 3 Impact Zone





The Sustainable Square Mile™ West Woodlawn Phase 1 Impact Zone



The Sustainable Square Mile™ West Woodlawn Proposed Neighborhood Greenway



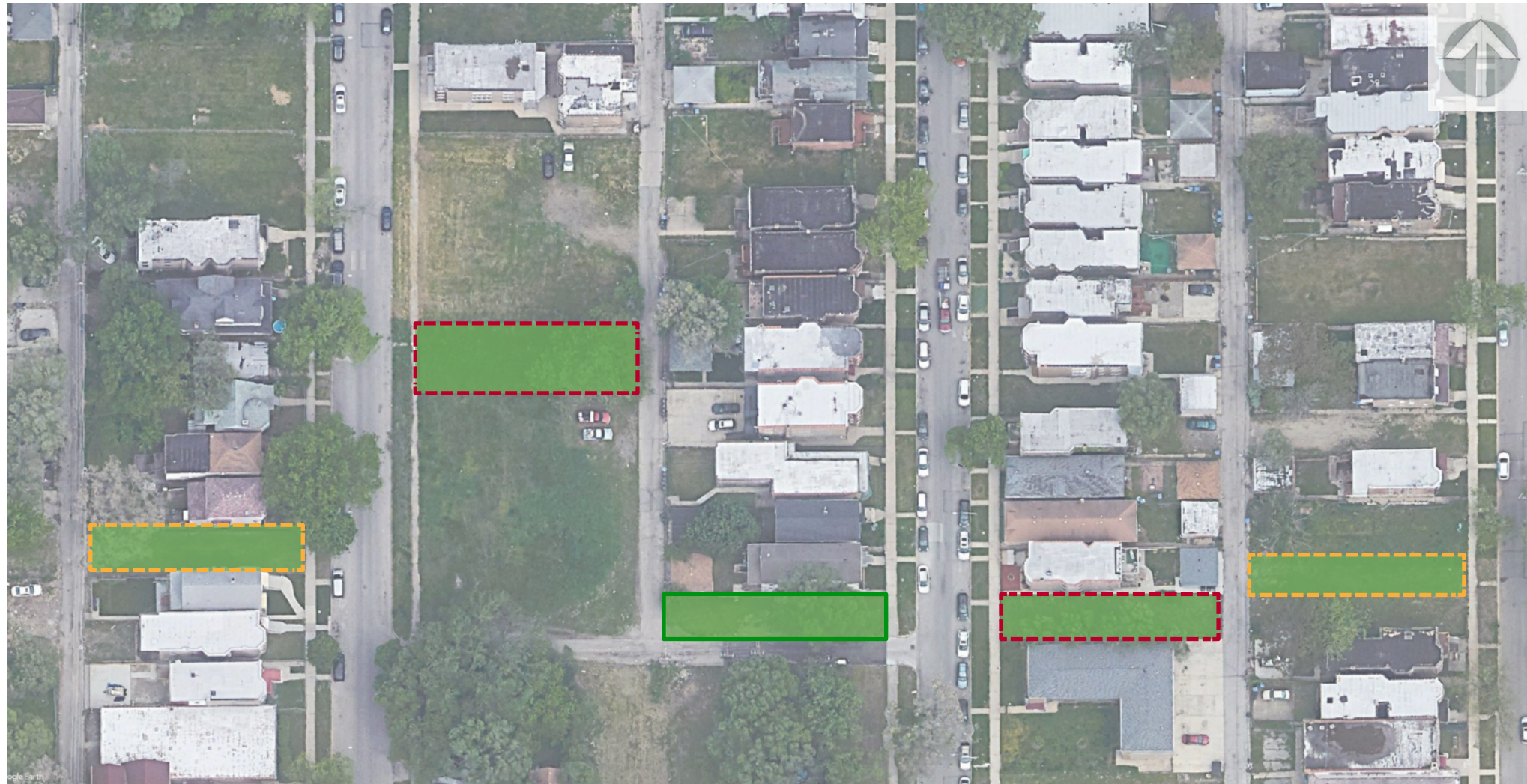
Legend

-  BIG™ Garden Sites
-  Neighborhood Greenway

The Emmett Till and Mamie
Till-Mobley House and Museum



BIG™ Gardens and Greenway (Conceptual Plan: Site 5, 6, 8, 9, and 11)

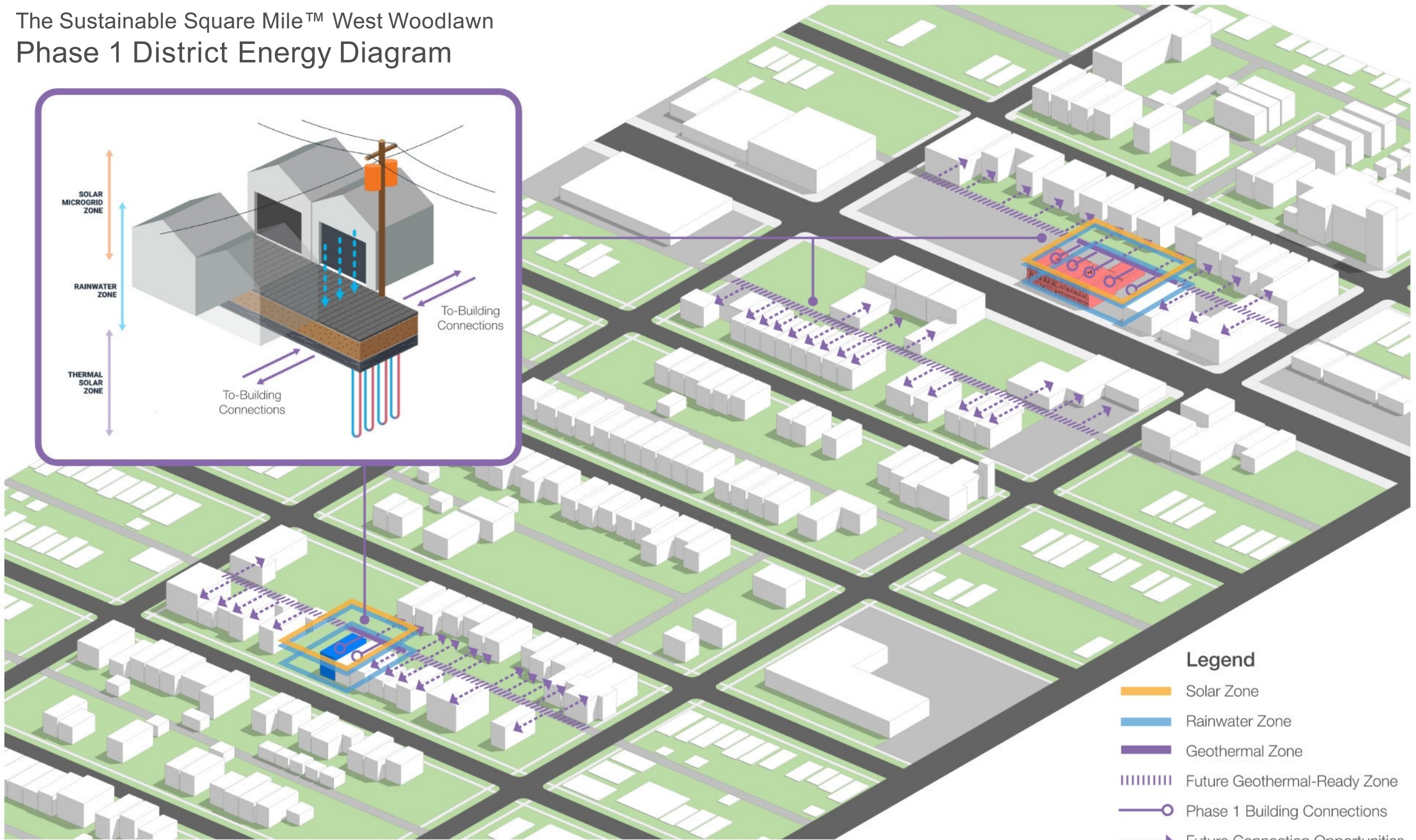
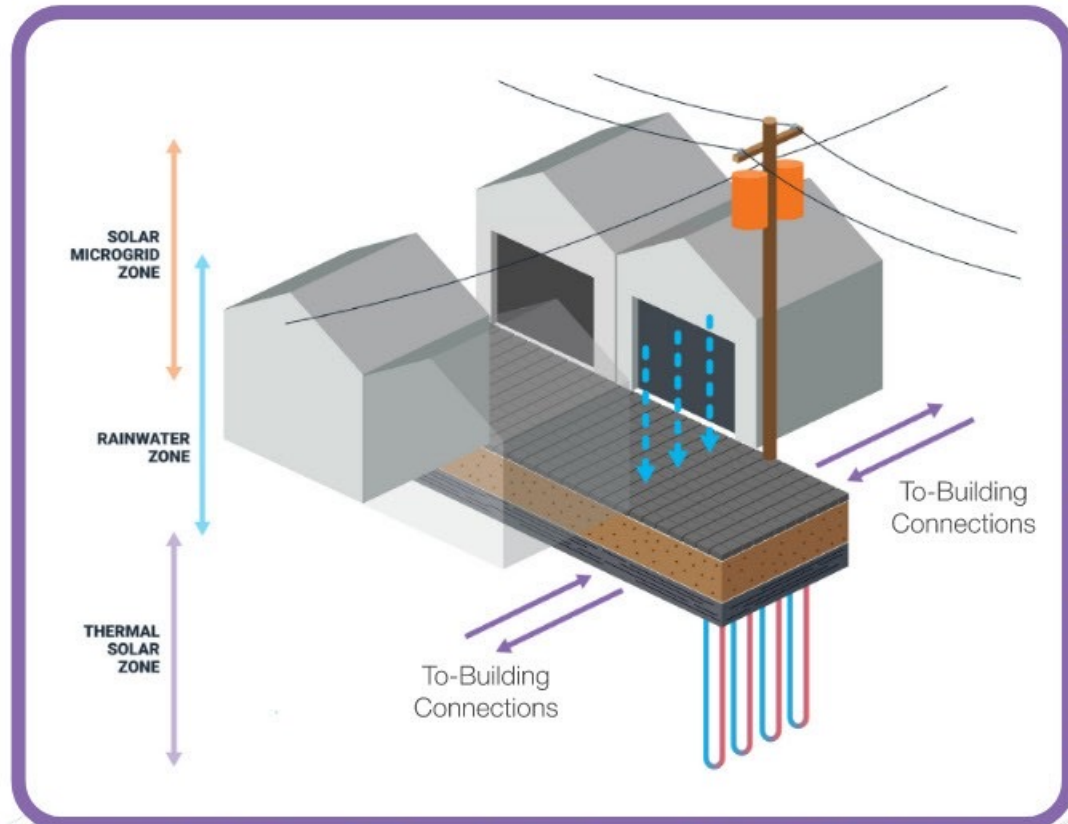


BIG™ Gardens and Greenway

The proposed West Woodlawn Greenway complements and implements the City's plans for the area, developed from years of community input and engagement. The Greenway would connect a series of BIG™ gardens and green spaces, providing a beautiful, pedestrian path through the neighborhood.



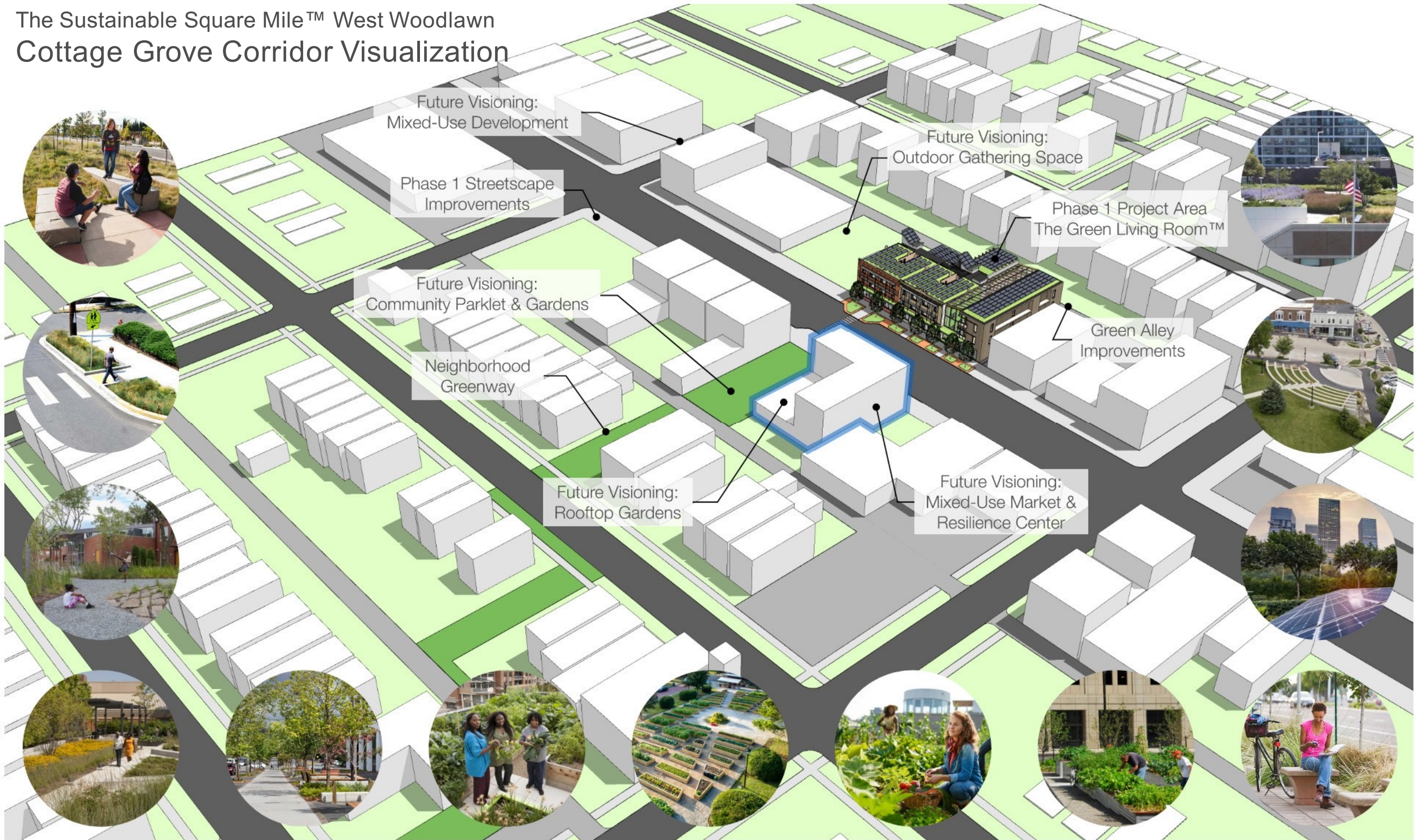
The Sustainable Square Mile™ West Woodlawn Phase 1 District Energy Diagram



- Legend**
- Solar Zone
 - Rainwater Zone
 - Geothermal Zone
 - - - - - Future Geothermal-Ready Zone
 - Phase 1 Building Connections
 - - - - -> Future Connection Opportunities



The Sustainable Square Mile™ West Woodlawn Cottage Grove Corridor Visualization



The Sustainable Square Mile™ West Woodlawn The Green Living Room™ Existing Conditions



View from Street



Fire Damaged Interior



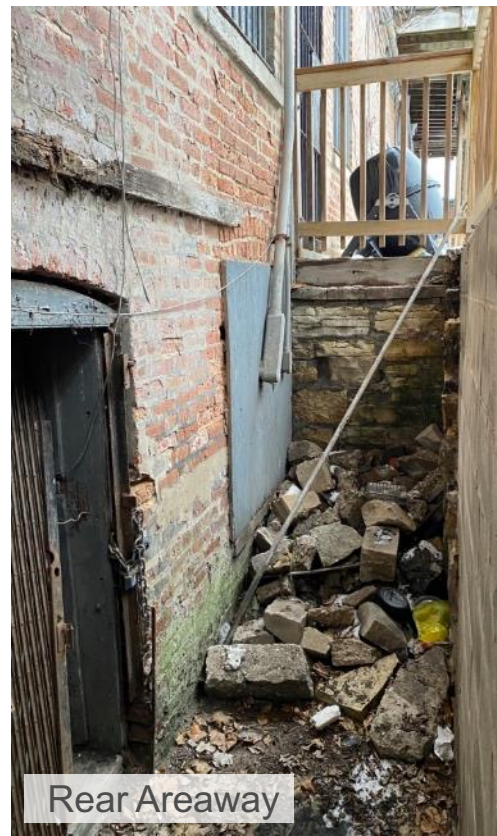
Fire Damaged Interior



Apartment Interior



6435 Entry



Rear Areaway



Rear Lightwell



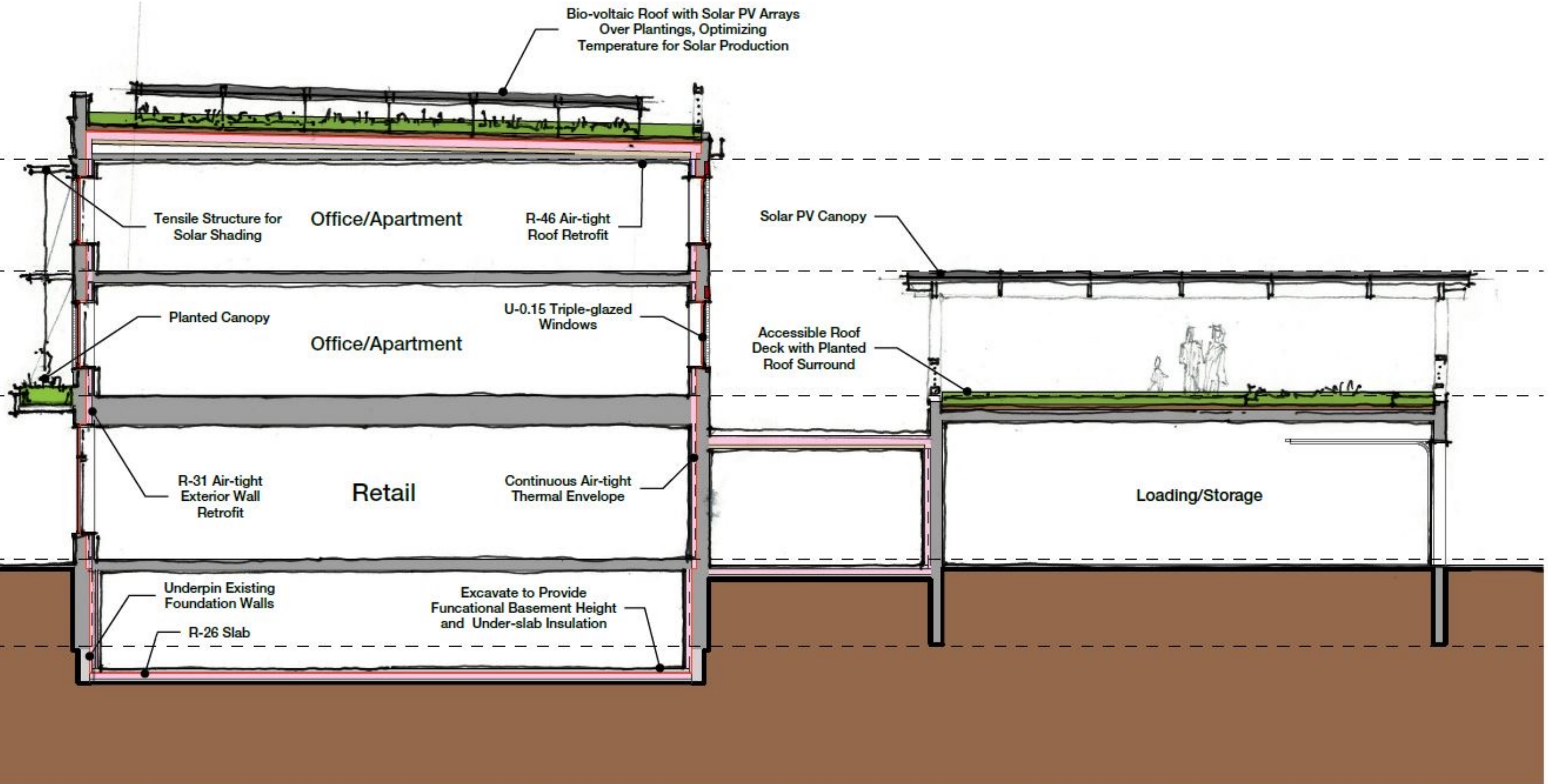
Annex Roof



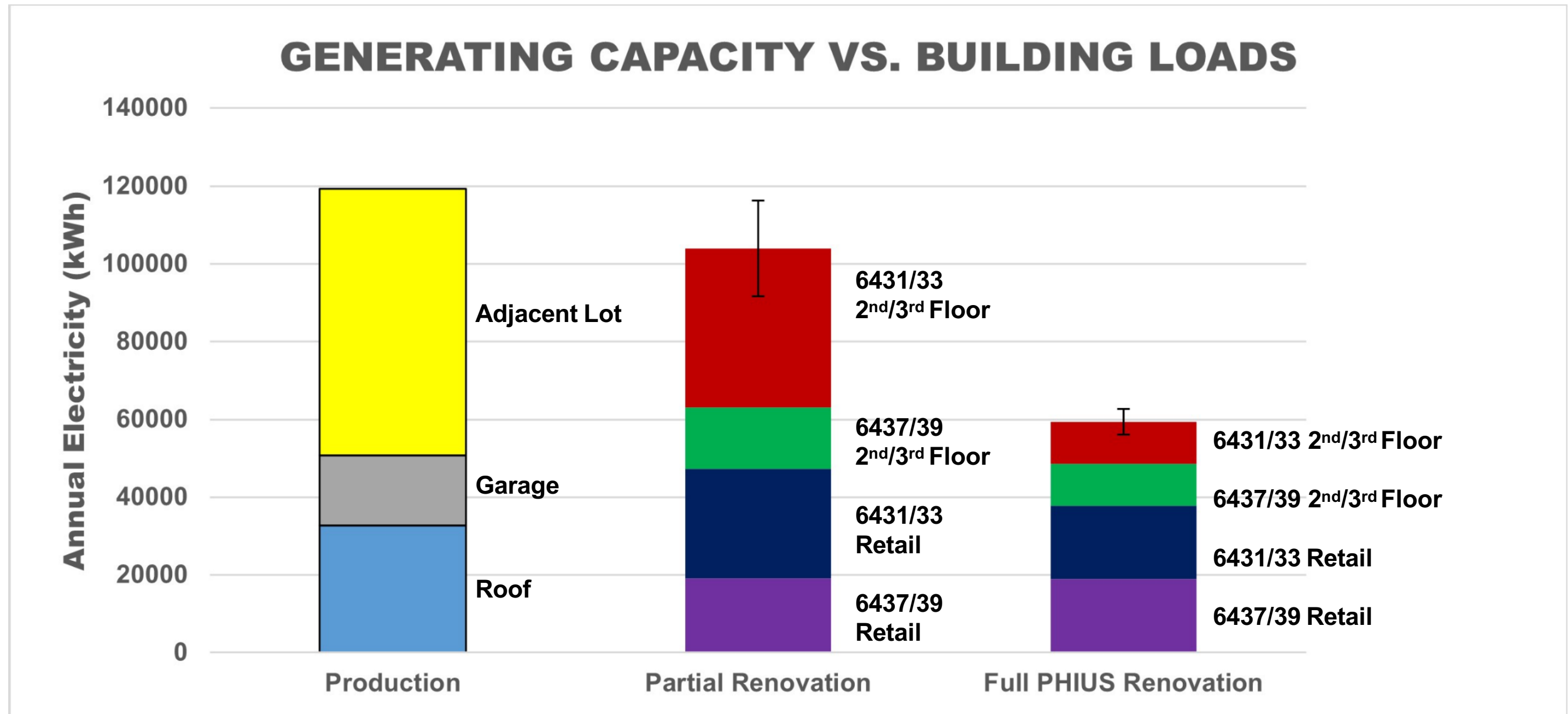
View of Garage from Rear Yard



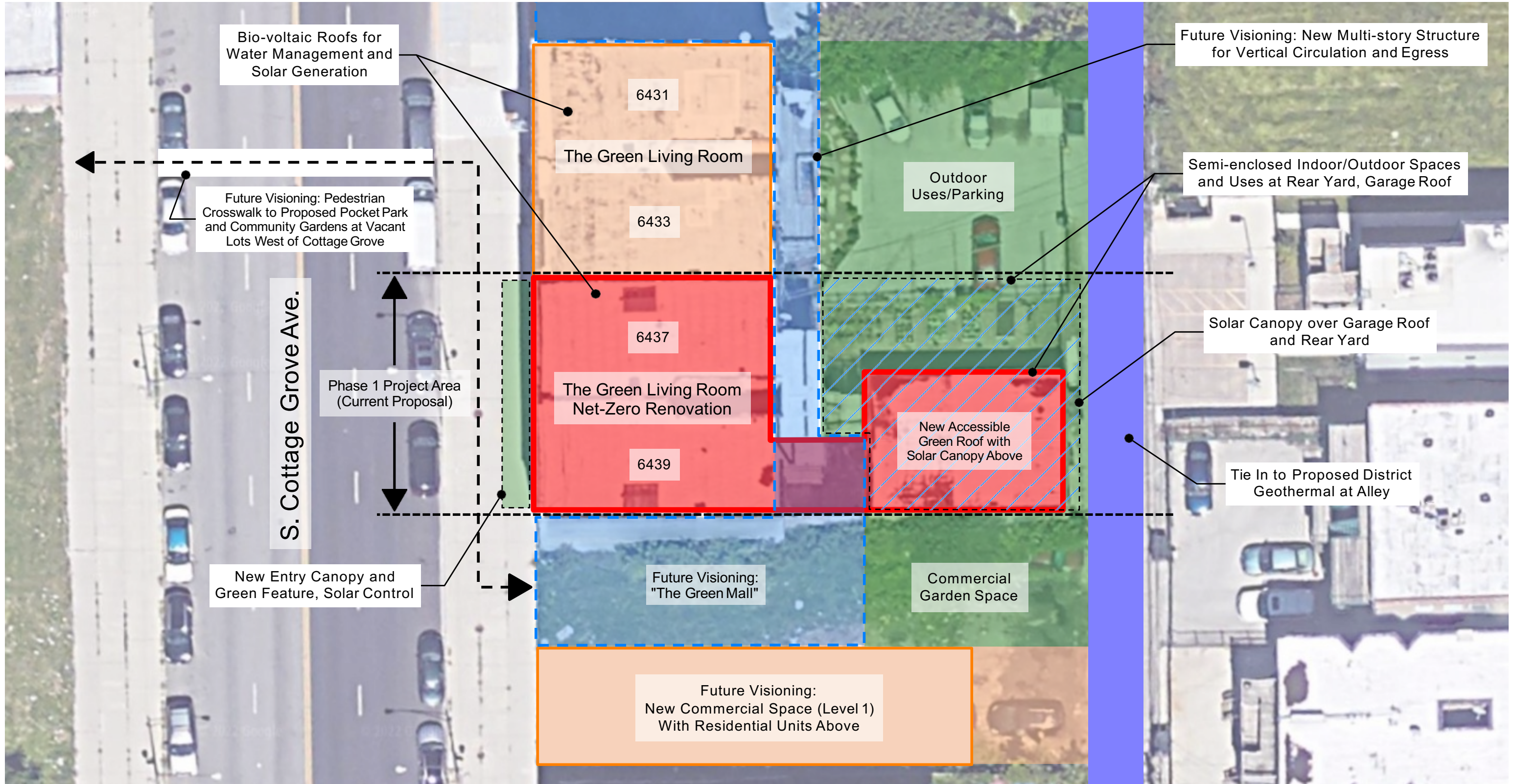
The Sustainable Square Mile™ West Woodlawn The Green Living Room™ Retrofit



BUILDING LOADS CALCULATED WITH AIR-SOURCE VRF SYSTEMS



The Sustainable Square Mile™ West Woodlawn The Green Living Room™ Renovation



Parcel Plan: 6437-6439 S. Cottage Grove Ave.



The Sustainable Square Mile™ West Woodlawn
The Green Living Room™



The Green Living Room™, BIG™ Garden and Farm

The Green Living Room™

BIG Offices

BIG Garden and Farm retail store

Semi-Conditioned public walkway (allows single elevator to serve all parcels)

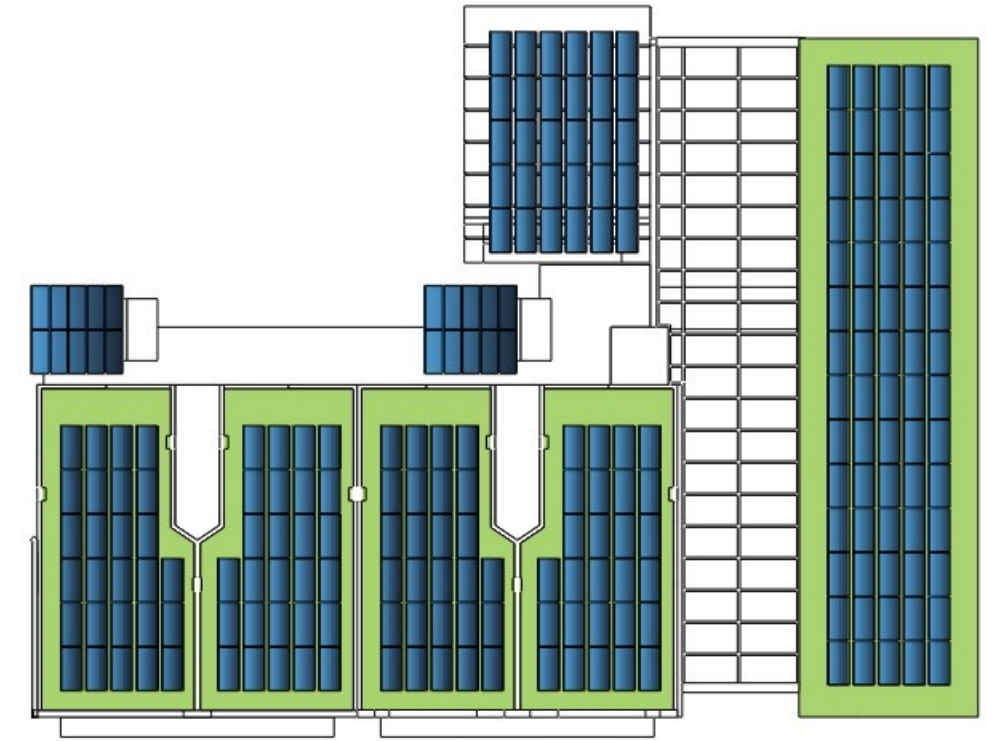
Business Incubator Commercial Spaces below, small apartments above



The Sustainable Square Mile™ West Woodlawn
 The Green Living Room™



LEVEL 2



ROOF



LEVEL 1



LEVEL 3



- Legend**
- Residential
 - Retail
 - BIG™ Offices
 - Office, Other
 - Assembly
 - Storage/Support Space
 - Greenhouse/Atrium
 - Planting/Green Roof



The Emmett Till and Mamie Till-Mobley House Existing Conditions



View from Street



View from North



View from Alley



Unit 1 Interior



Unit 2 Kitchen



Unit 2 Interior



Unit 2 Bathroom



The Sustainable Square Mile™ West Woodlawn
The Emmett Till and Mamie Till-Mobley House and Museum



Parcel Plan: 6427 S. St. Lawrence Ave.



The Sustainable Square Mile™ West Woodlawn
The Emmett Till and Mamie Till-Mobley House and Museum



The Emmett Till and Mamie Till-Mobley House and Museum

City of Chicago Landmark designation

A heritage and tourism site in West Woodlawn:
Museum, Cultural Center, sculpture garden



The Sustainable Square Mile™ West Woodlawn House as Garden (BIG™ and Michael Sorkin Studio)



One Lot in West Woodlawn

Living Building Owner-Occupied and affordable rentals, with communal spaces;
A building to help build



The Sustainable Square Mile™ West Woodlawn Blacks In Green (BIG™)

