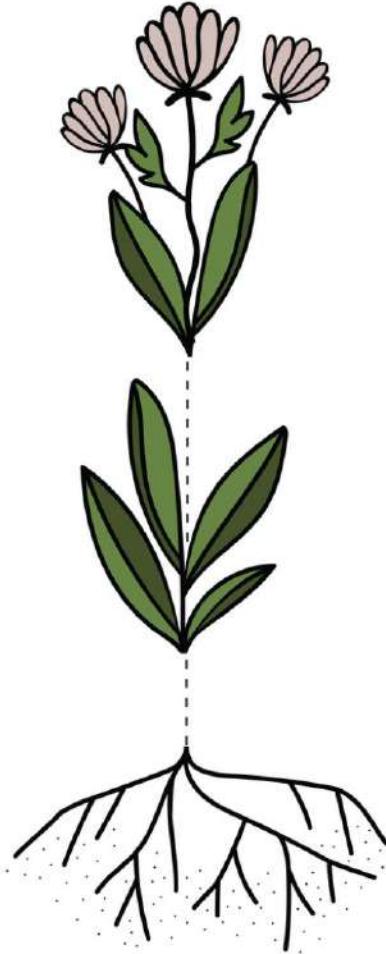


From the Ground Up

Ethan Cano, Matt Jernigan, Justin Jones, and Kayden Viacrucis



Community Organizations and Goals



This organization fights for those impacted by the pollution of the Duwamish River, and works toward cleaner, healthier, and more equitable environment.

Habitat for Humanity looks to build community through homes. They already have housing developments in South Park.

Cultivate South Park is working to develop a more equitable future in South Park and strengthen community assets. Their focuses lie in food, housing, environmental, and economic justice.

Villa Comunitaria has developed in South Park as a response to the needs of the Latin community in the area. Their many services geared toward Latin families include education, housing, and immigration help.

Reconnect South Park concerns itself largely with the project of envisioning a future for the SR-99 highway in South Park, and the idea of reconnecting the neighborhood to improve resource access throughout the community.

Community Goals from Reconnect South Park:

- More parks, open spaces, and neighborhood gathering places
- Sea level rise and flood mitigations to enhance South Park's climate change resilience
- Safe, comfortable mobility connections and choices
- Improvements that support environmental and public health
- Neighborhood improvements that support local businesses and support economic development
- Affordable housing pathways to wealth building
- Reparations to the Duwamish People

Community Priorities

More parks, open spaces, and neighborhood gathering places

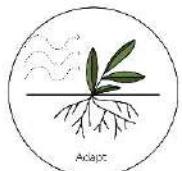
Safe, comfortable mobility connections

Reconnection



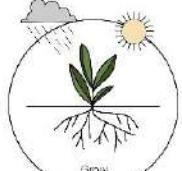
Root

Resilience



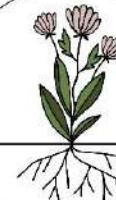
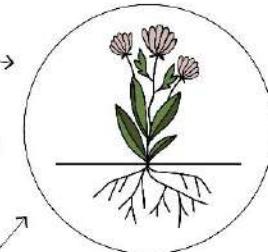
Adapt

Revitalization



Grow

Flourish



Flourish

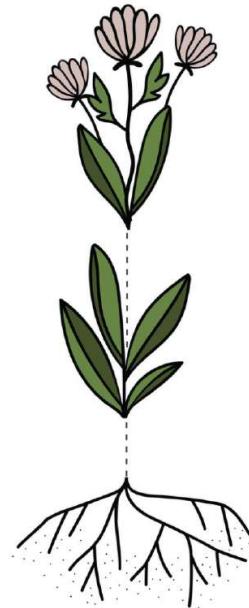
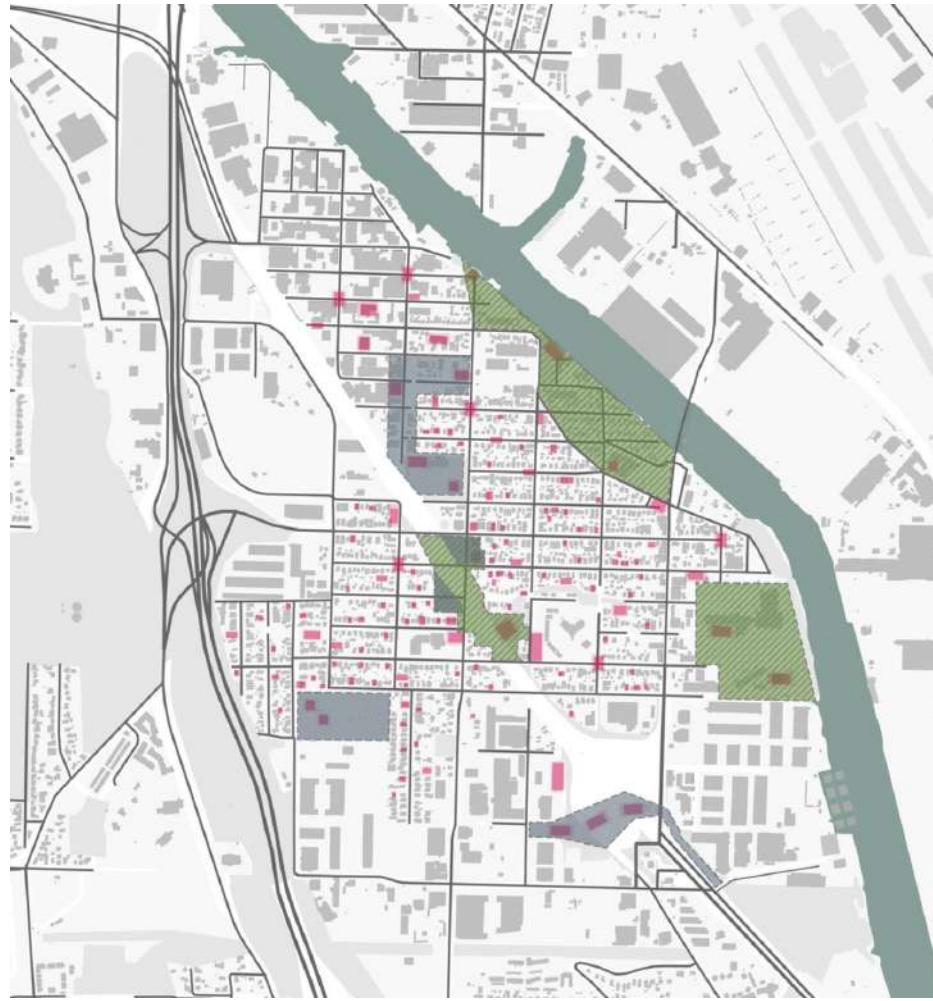
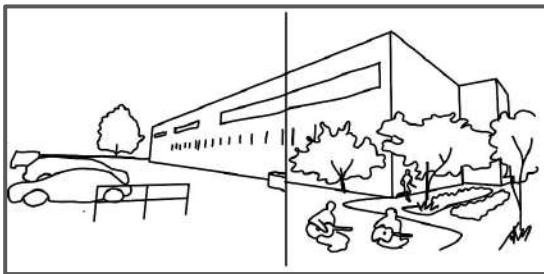
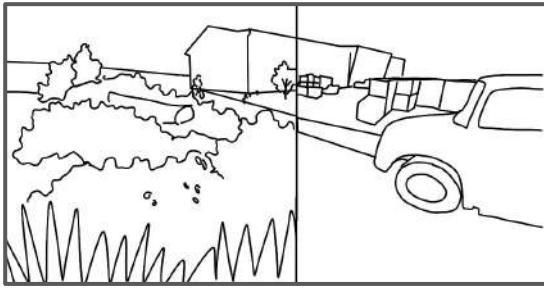
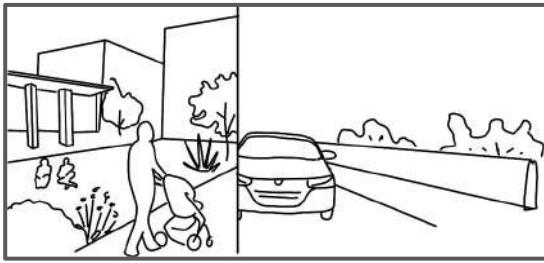
Sea level rise and flood mitigation to enhance South Park's climate change resilience

Improvements that support environmental and public health

More parks, open spaces, and neighborhood gathering places

Neighborhood improvements that support local businesses and economic development

Affordable housing pathways to wealth building



PAST TO PRESENT

PRE-REMOVAL

SR-99 REMOVAL

POST REMOVAL

FAR FUTURE

South Park Bridge

Electrified multimodal mobility options with charging stations and infrastructural changes

Cloverdale pedestrian safety interventions

South Park Community Center renovation

Claim space for workshops within urban buffer zone

Expand library services through tool and skill libraries

Expand Mana Farms operations through interstitial urban agriculture

Merra Farm, Cultivate South Park, and other NGOs lead job training and youth programs

Design /building of South Park Plaza

Duwamish River People's Park and Shoreline Habitat

GSI interspersed within residential area

Construction of a pedestrian bridge along 8th Ave S connecting South Park and Georgetown

Create neighborhood bus loop

Create new bus line connecting to new light rail stations

Construction of a pedestrian/bike path connecting South Park to White Center East along Cloverdale

Reconnect grid in SR-99 space; make 8th Avenue walkable from Cloverdale to Henderson

Creation of green spaces, playfields, and third places within the SR-99 redevelopment, Boeing adaptive reuse site, and the Silver by the River

Obtaining Boeing Site

Expand local food system and training capacity through creation of community kitchen and local food hub on newly freed land

Expand capacity for NGOs to teach through project-based skills training

Use land from SR-99 removal for community-led restoration, urban agriculture, and construction projects

Expanded programs spread to adjacent communities and improve neighborhoods through community-led, locally identified projects and training

Use neighborhood crowdfunding and occupant equity strategies to develop home ownership in newly available land on SR-99

Obtaining properties in silver area

Support community NGOs in adding new SR-99 land to land trusts and mitigating displacement risks

Expansion of existing wetlands habitat within the Northern SR-99 redevelopment

Relocate silver residents to new housing on SR-99 and elsewhere

Habitat restoration integrated with Plaza to create a community celebration space

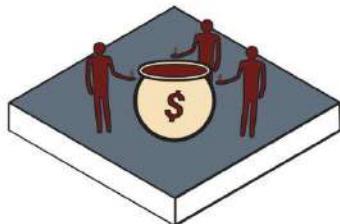
GSI placed along river as sponge city flood mitigation strategy

Daylight and restore creek running through the cloverleaf intersection to establish environmental education center

South Park becomes hub for community led youth empowerment and vocational training through project based learning

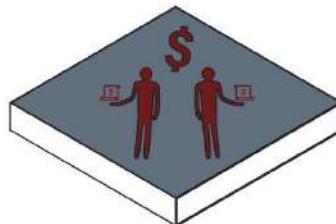
Approaches and Strategies

Financial and Wealth Building Strategies



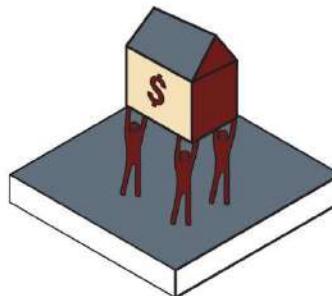
Neighborhood
Crowdfunding

- Limited Equity Co-Ops
- Community Land Trusts



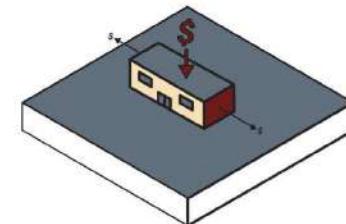
Neighborhood
Non-Profit Trust

Community NGOs buy real estate and use it to generate long-term funding for community-based goals



Occupant Equity

- Community Real Estate Investment Trusts
- Investment Cooperative
- Community Investment Fund



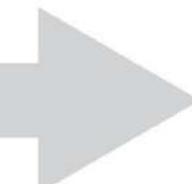
Local Institutional
Equity

A community organization makes grants to community residents

Short Term

Medium Term

Long Term



Neighborhood Learning Labs: Tool Kits for Project-based Skills Training within the Community

Goal

Our program aims to build the capacity within the South Park community to promote regeneration through youth programming and workforce development. We envision our neighborhoods as places of potential learning, where community projects serve as classrooms and provide valuable learning opportunities for leadership and skill development.

Through the proposed strategies and interventions, we see an opportunity to expand the capacities and potential of existing programs and create new ones. Community needs and priorities can be addressed through project-based learning programs that foster collaboration, help to develop a resilient local economy, and build community power.

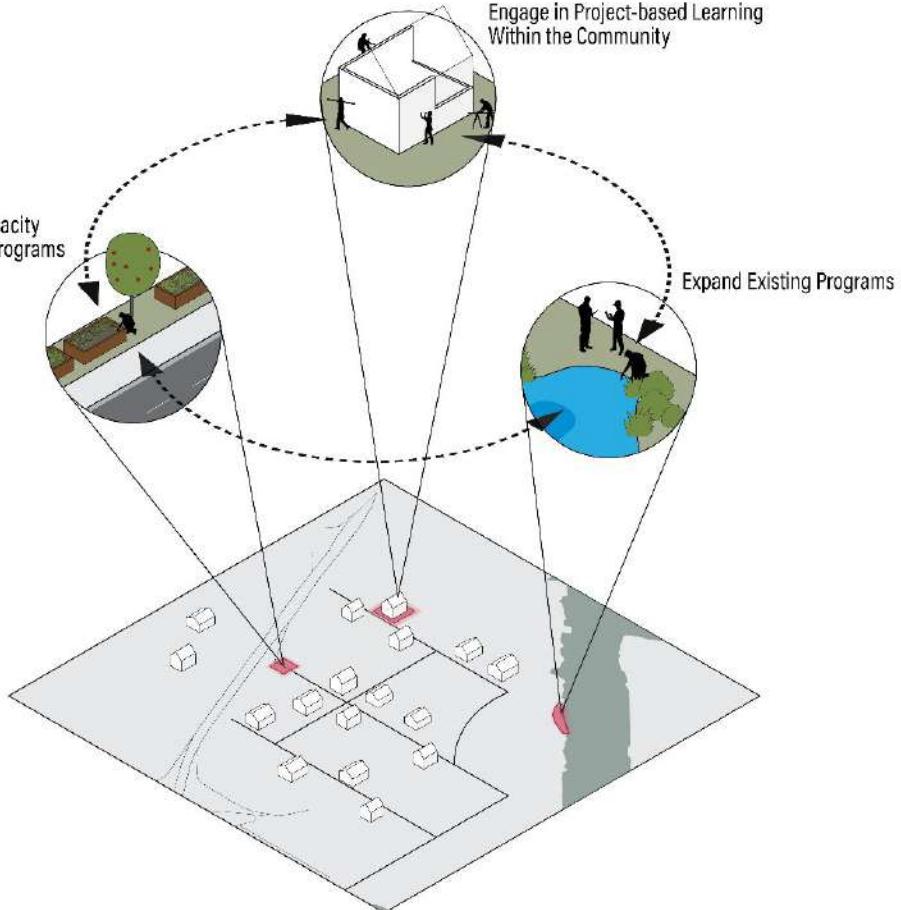
Precedents



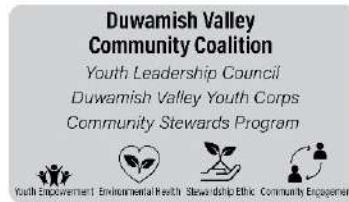
The Workshop School | Philadelphia, PA
project-based high school with curriculum centered around real-world contexts and career pathways, with the goal of equipping students with the skills and knowledge to pursue authentic careers and lives upon graduation.



Green City Force | Brooklyn, NY
Corps Members gain experience through initiatives that respond to needs in public housing communities, cultivating and distributing produce, building green infrastructure, and reaching residents with sustainability programs. Trainings range across agriculture, culinary, nutrition, community health, green buildings and trades, and compost processing. These prepare Corps Members with technical skills for a range of sustainable career pathways.

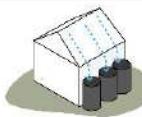


Existing Programs



Community Ecological Training Toolkit

Network for community-based ecological restoration around South Park



Rainwater Harvesting



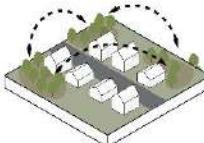
Rain Gardens



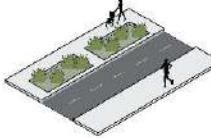
Environmental Education



Wildlife Habitat Gardens



Wildlife Corridor Establishment



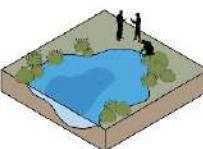
Green Stormwater Infrastructure



Native Plant Nursery



Watershed Restoration

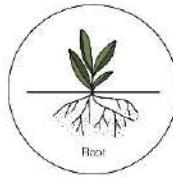
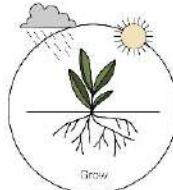


Environmental Monitoring

Workforce Training
Youth Development

Level of Impact and Scale

Potential Outcomes

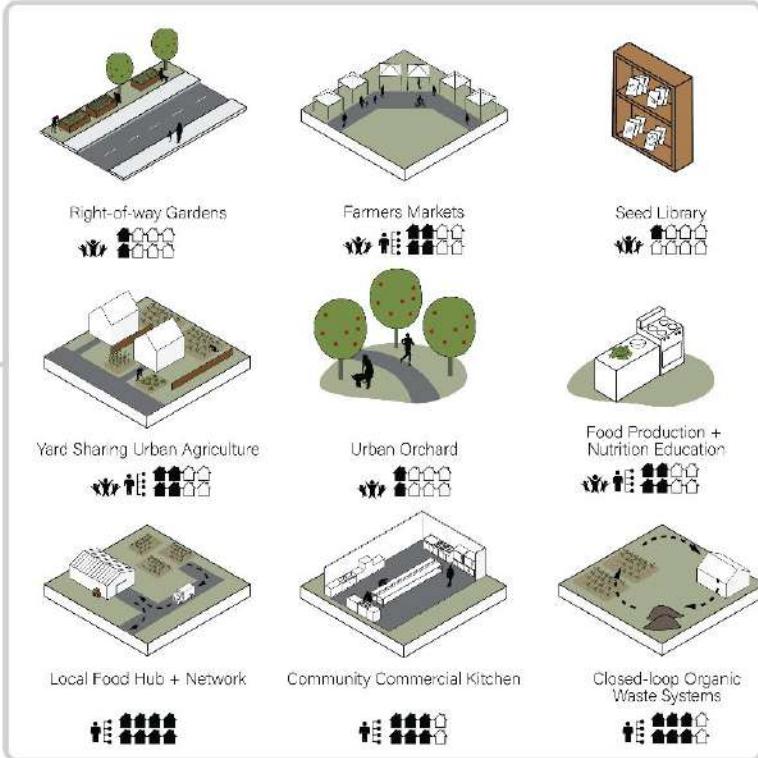


Existing Programs



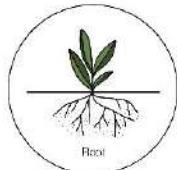
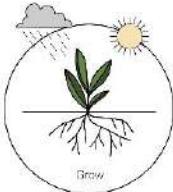
Community Food Systems Training Toolkit

Network for community-wide local food system development around South Park



Workforce Training Level of Impact and Scale
Youth Development

Potential Outcomes



Regenerative Agriculture Practices
Waste Reduction

Existing Programs

Seattle Central College (GT)

Apprenticeship Training Programs
Manufacturing Academy



Rebuilding Together Seattle

Safe at Home Maintenance
Building a Healthy Neighborhood



Youth Build

Vocational Training



Habitat for Humanity

Home Building
Home Repairs

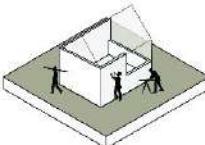


Community Construction Vocation Training Toolkit

Network for community-wide construction and renovations around South Park



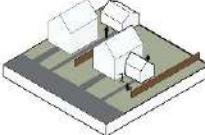
Tool + Skill Libraries



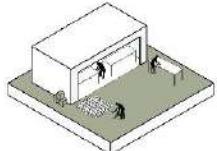
Home Repair



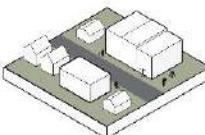
Repair Cafes



Home Construction + ADUs



Makerspaces + Workshops



Community-scale Construction

Workforce Training
Level of Impact and Scale
Youth Development

Potential Outcomes



Job Training



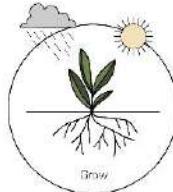
Affordable Housing



Local Economy Development



Entrepreneurship



Community Engagement



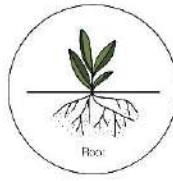
Youth Empowerment



Community Empowerment



Improved Living Conditions



Healthy Homes



Green Housing



Sustainable Building Practices



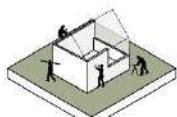
Community Programs

Tool kits for project-based learning within the community

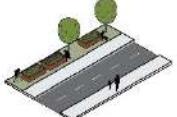
Construction



Tool + Skill Libraries



Home Repair



Right-of-way Gardens

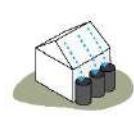
Food Systems



Farmers Markets



Seed Library



Rainwater Harvesting

Ecological



Rain Gardens

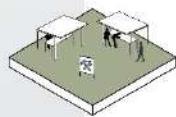


Environmental Education

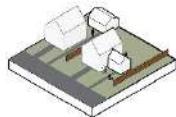
Short term

Medium term

Long term



Repair Cafes



Housing Renovations + ADUs



Yard Sharing Urban Agriculture



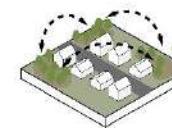
Urban Orchard



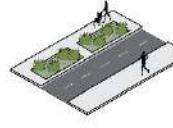
Food Production + Nutrition Education



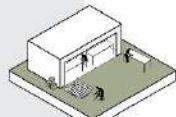
Wildlife Habitat Gardens



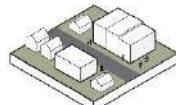
Wildlife Corridor Establishment



Green Stormwater Infrastructure



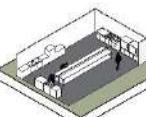
Makerspaces + Workshops



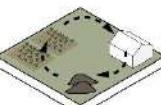
Community-scale Construction



Local Food Hub + Network



Community Commercial Kitchen



Closed-loop Organic Waste Systems



Native Plant Nursery

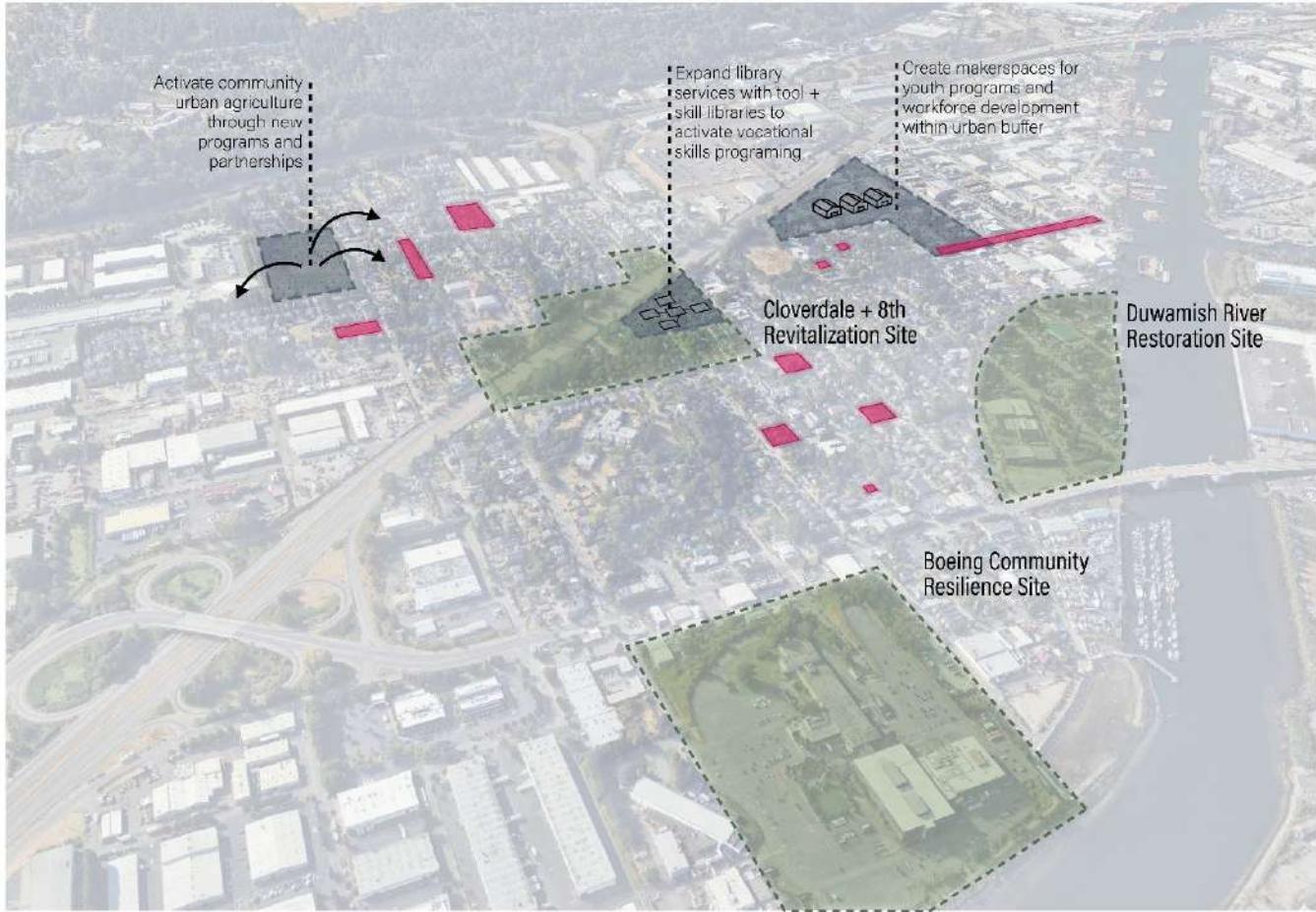


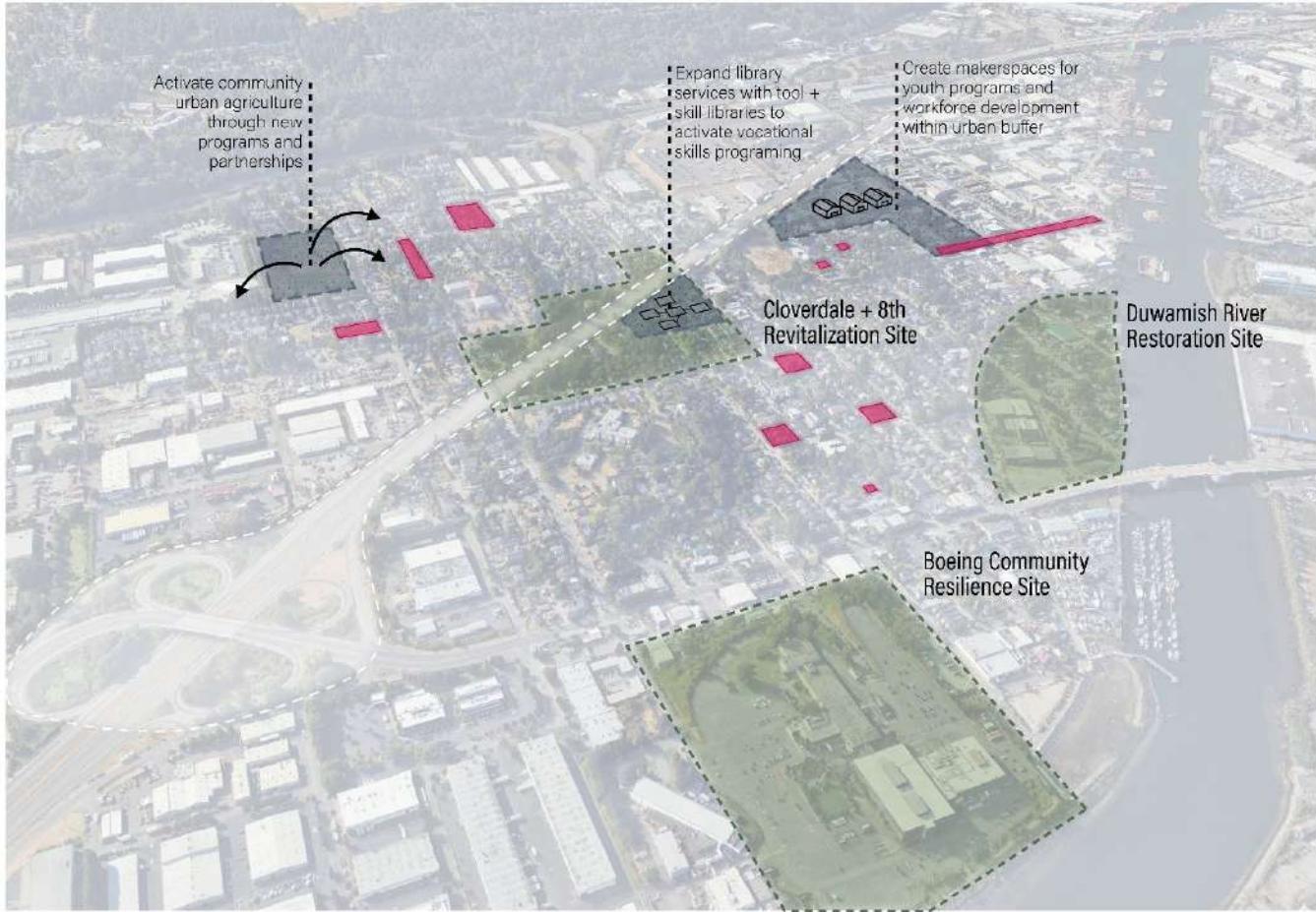
Watershed Restoration

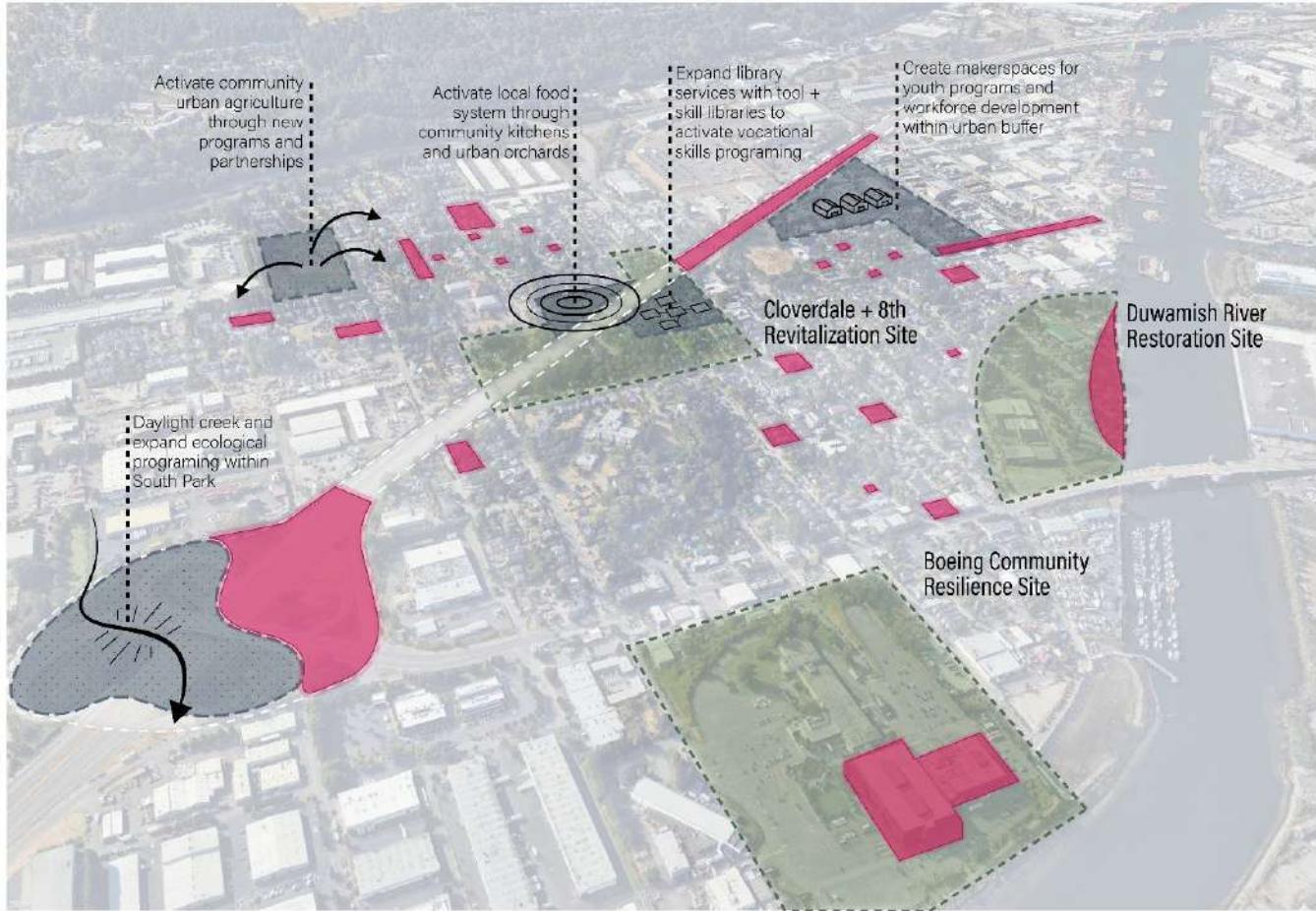


Environmental Monitoring

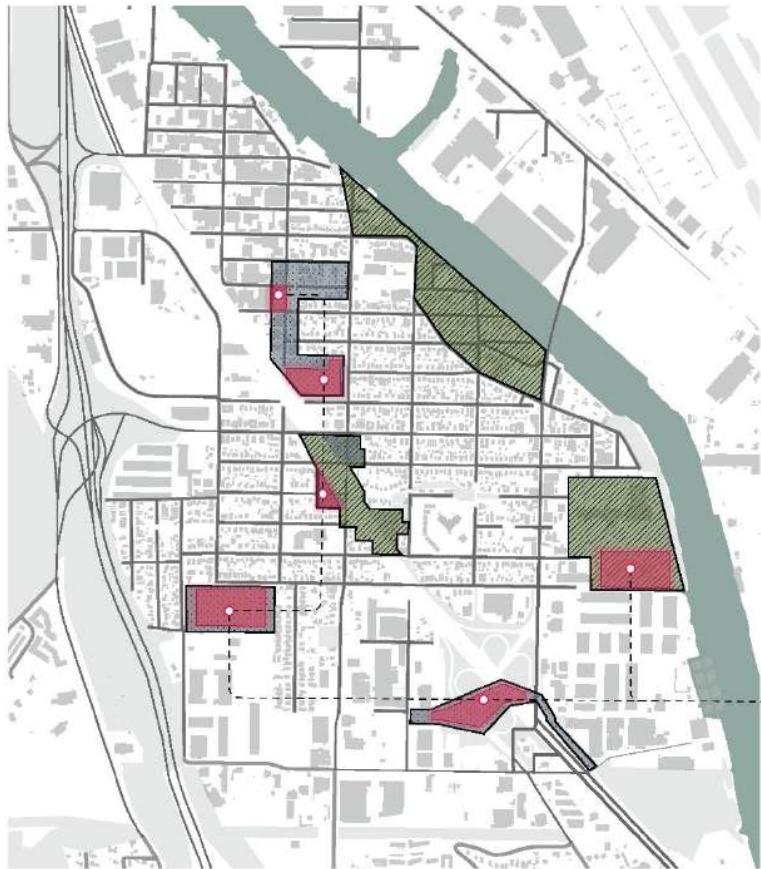








Potential Activation Sites



Toolkit

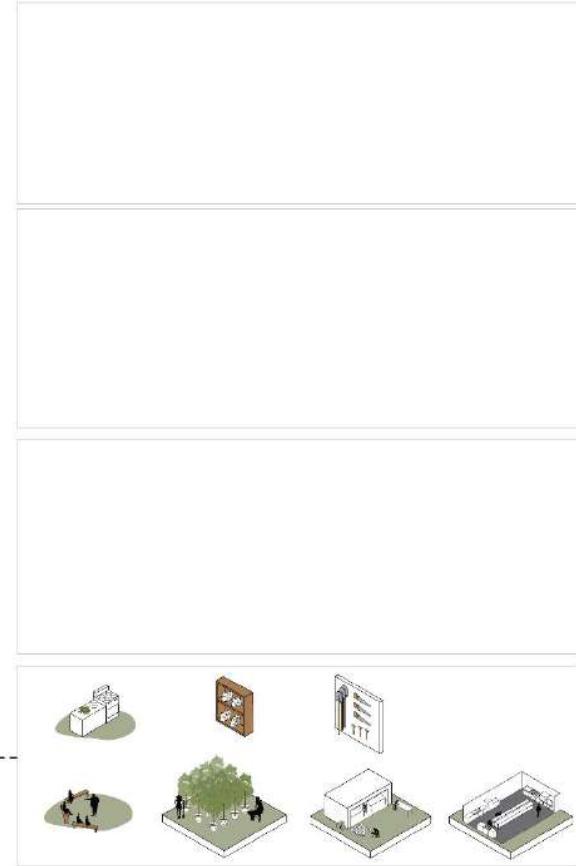
Scale

System

Neighborhood

Residential

Community



Potential Activation Sites



Toolkit

Scale

System

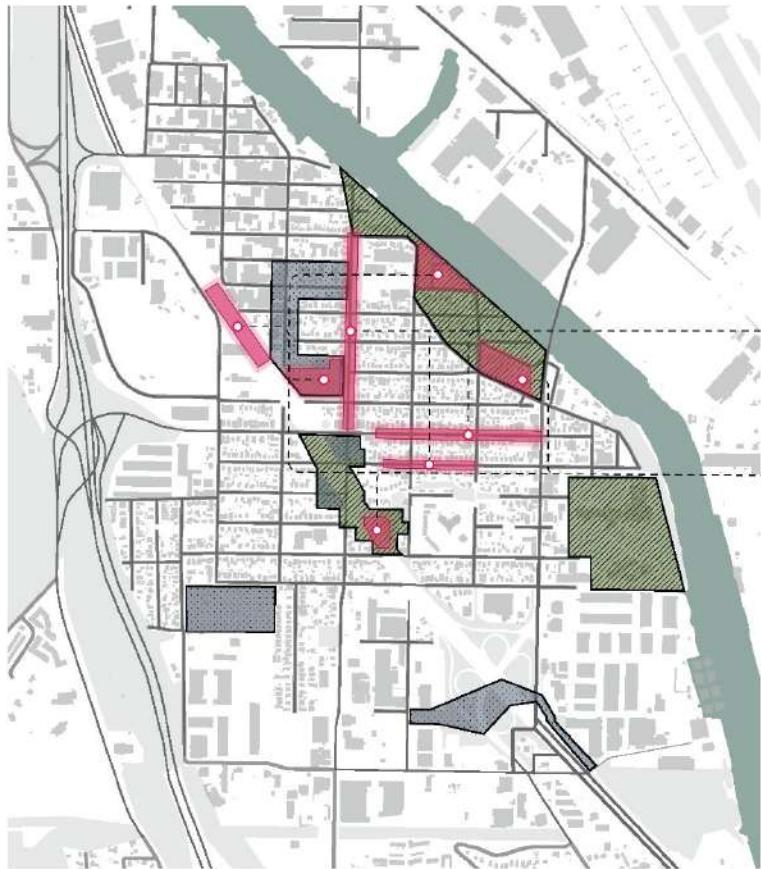
Neighborhood

Residential

Community



Potential Activation Sites



Toolkit



Scale

System

Neighborhood

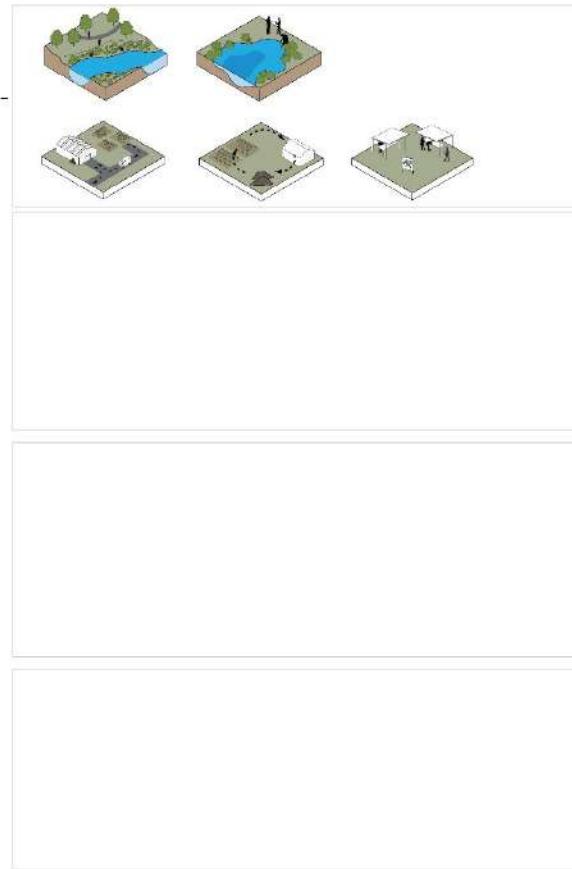
Residential

Community

Potential Activation Sites

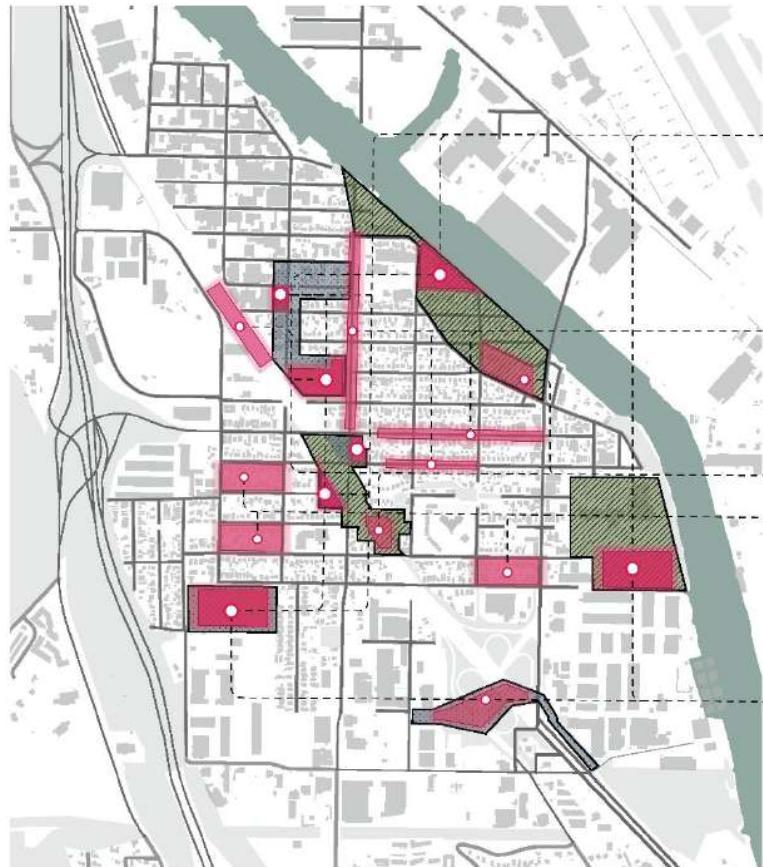


Toolkit



Scale

Potential Activation Sites



Toolkit



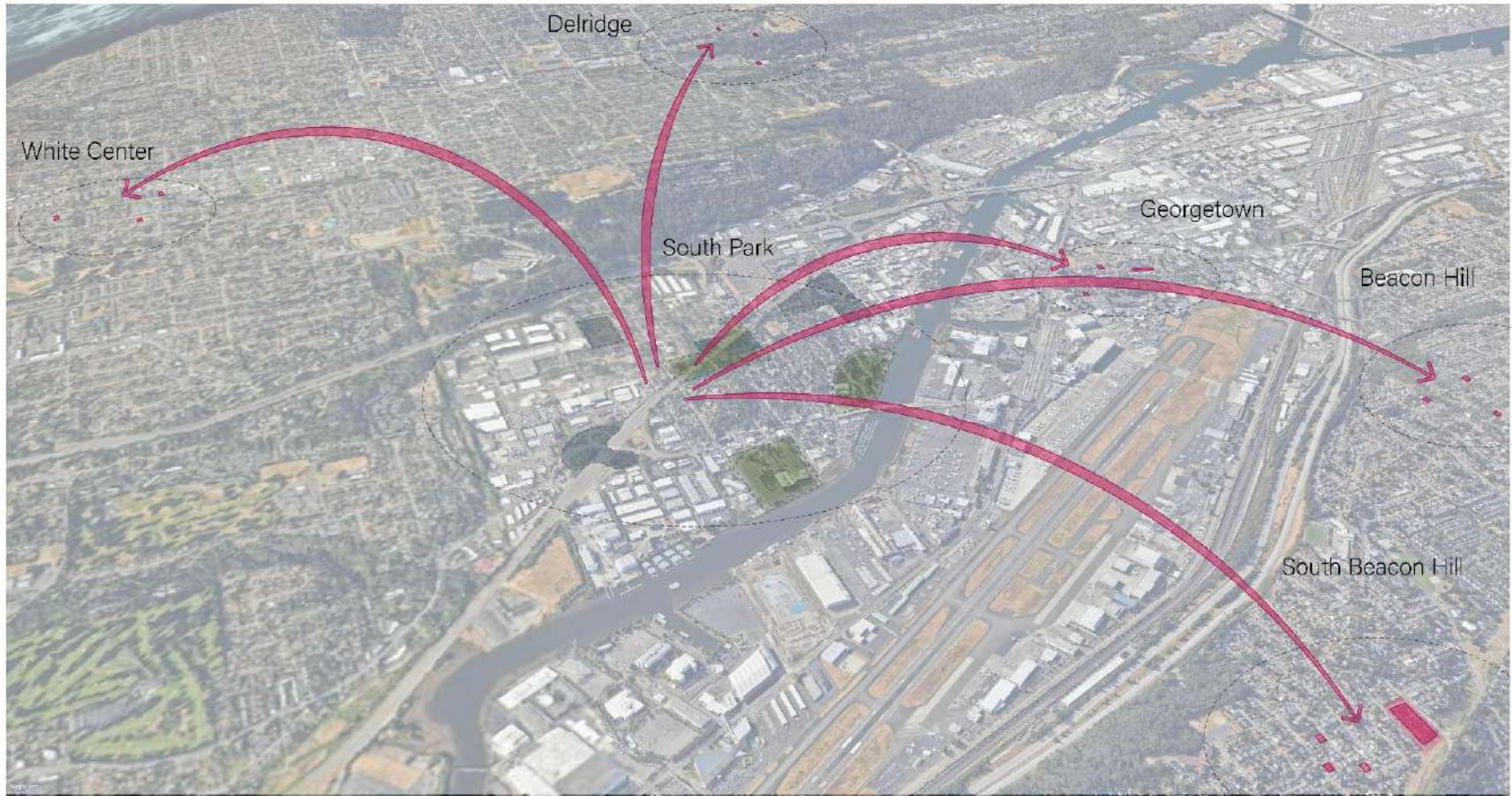
Scale

System

Neighborhood

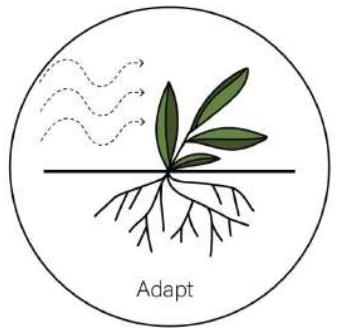
Residential

Community

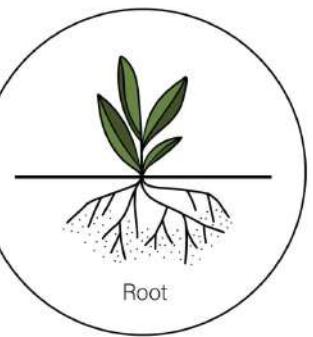


Connections and Street Design

Resilience



Reconnection



PAST TO PRESENT

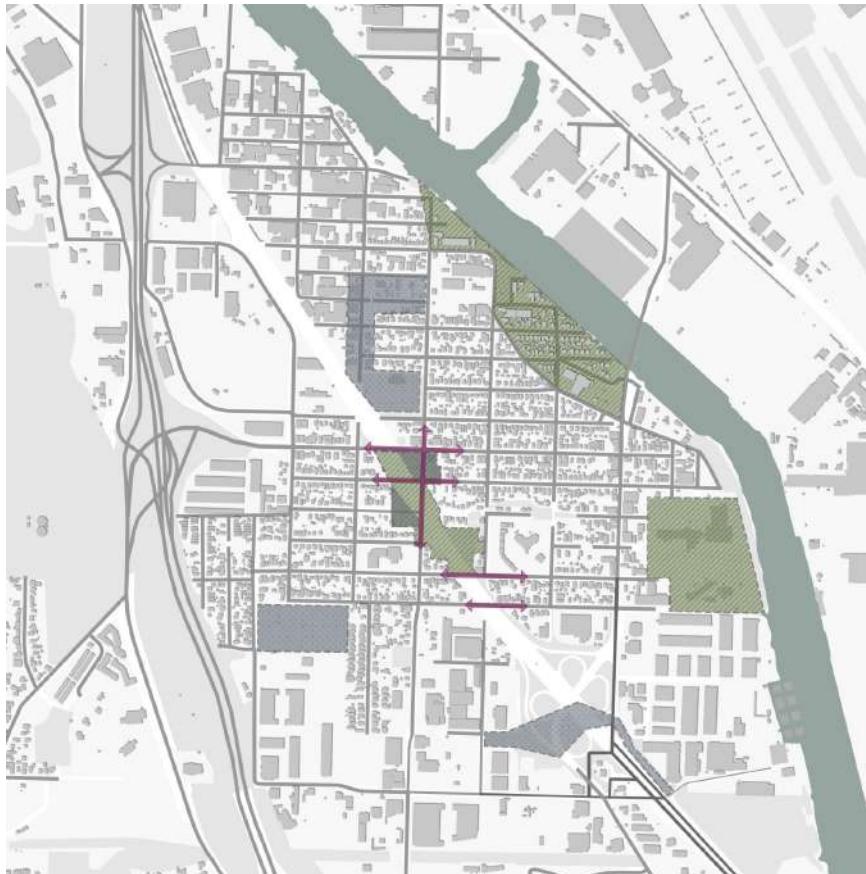
PRE-REMOVAL

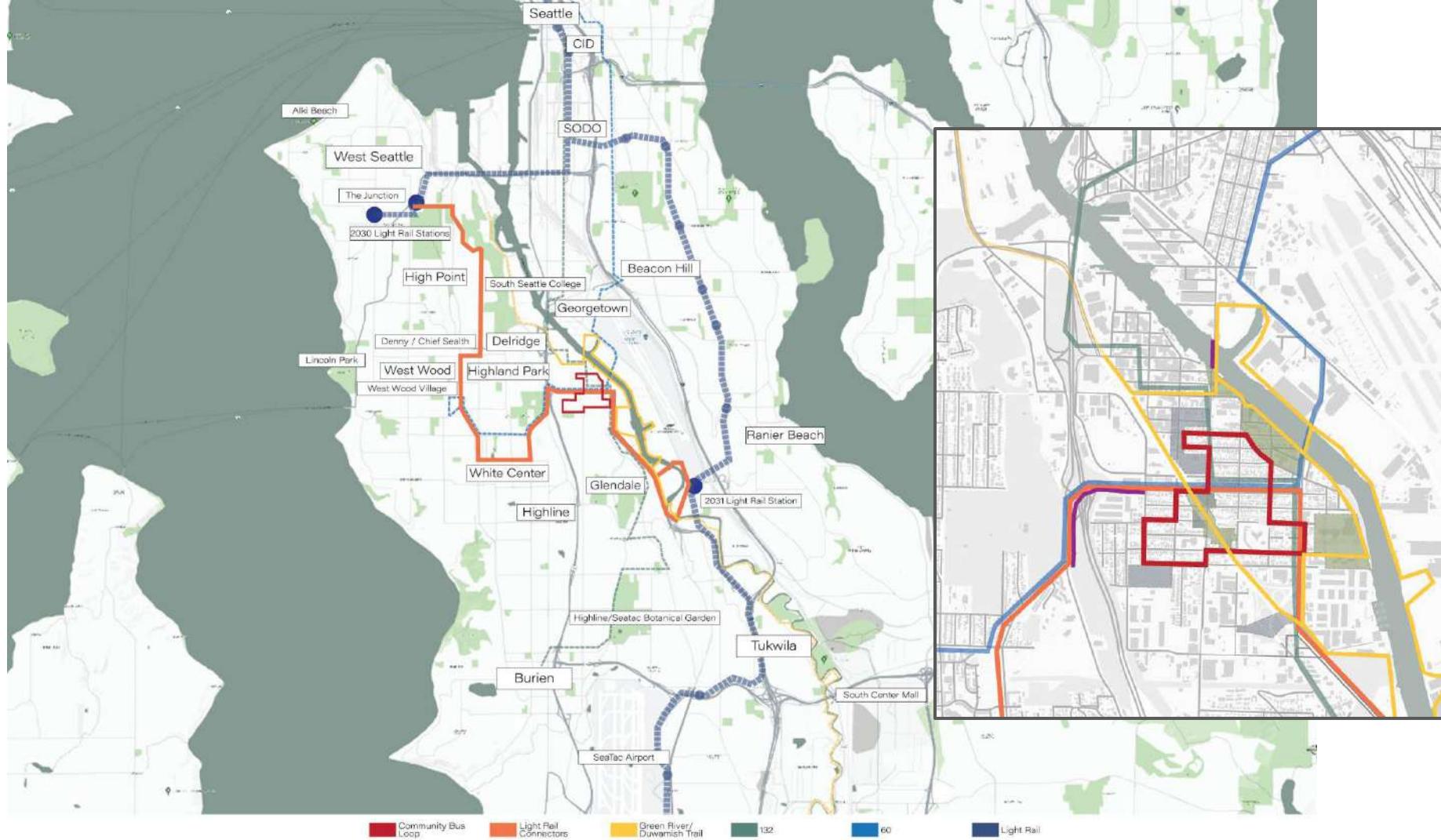
SR-99 REMOVAL

POST REMOVAL

FAR FUTURE

<p>South Park Bridge</p> <p>Electrified multimodal safety options with charging stations and infrastructural changes</p> <p>Covington pedestrian safety interventions</p>	<p>Construction of a pedestrian bridge along 8th Ave S connecting South Park and Georgetown</p> <p>Create neighborhood bus loop</p> <p>Reconnect grid in SR-99 space; make 8th Avenue available from Covington to Henderson</p>	<p>Construction of a pedestrian/bike path connecting South Park to White Center East along Cleveland</p> <p>Create new bus line connecting to new light rail station</p> <p>Connect grid in SR-99 space; make 8th Avenue available from Covington to Henderson</p>	<p>Connecting the Green River Trail and the Duwamish River Trail along SR-99 space, and along waterfront</p> <p>South Park, Duwamish River water rail station</p>	<p>South Park Community Center renovation</p> <p>Open space for workshops with City of green spaces, play areas, and third places with the SR-99 redevelopment, Boring adaptive reuse site, art at the River by the River</p> <p>Expand library services throughout and use libraries</p> <p>Collaborating Business Site</p> <p>Expand Micro Farms operations through micro-lots</p> <p>Export local food system and training capacity through creation of community kitchen and local food hub on newly freed land</p> <p>More Farms Cultivate South Park, and other NHC's food use training and youth programs</p> <p>Design Revitalizing of South Park Plaza</p> <p>Duwamish River Peoples Park and Shoreline Habitat</p> <p>Protected areas within residential area</p> <p>Restored along riverfront area</p>
<p>More Farms Cultivate South Park, and other NHC's food use training and youth programs</p> <p>Design Revitalizing of South Park Plaza</p> <p>Duwamish River Peoples Park and Shoreline Habitat</p> <p>Protected areas within residential area</p>	<p>Use neighborhood revitalization and occupied equity strategies to develop home ownership in many available lots on SR-99</p> <p>Support community NHCs including new SR-99 land to lands and mitigating displacement risks</p> <p>Expansion of existing workforce housing within the Northern SR-99 redevelopment</p> <p>Develop and restore creek banking through the diverse intersection to provide environmental education center</p> <p>South Park becomes hub for community-led youth empowerment and vocational training through project-based learning</p>	<p>Use neighborhood revitalization and occupied equity strategies to develop home ownership in many available lots on SR-99</p> <p>Support community NHCs including new SR-99 land to lands and mitigating displacement risks</p> <p>Expansion of existing workforce housing within the Northern SR-99 redevelopment</p> <p>Develop and restore creek banking through the diverse intersection to provide environmental education center</p> <p>South Park becomes hub for community-led youth empowerment and vocational training through project-based learning</p>	<p>Use neighborhood revitalization and occupied equity strategies to develop home ownership in many available lots on SR-99</p> <p>Support community NHCs including new SR-99 land to lands and mitigating displacement risks</p> <p>Expansion of existing workforce housing within the Northern SR-99 redevelopment</p> <p>Develop and restore creek banking through the diverse intersection to provide environmental education center</p> <p>South Park becomes hub for community-led youth empowerment and vocational training through project-based learning</p>	<p>Use neighborhood revitalization and occupied equity strategies to develop home ownership in many available lots on SR-99</p> <p>Support community NHCs including new SR-99 land to lands and mitigating displacement risks</p> <p>Expansion of existing workforce housing within the Northern SR-99 redevelopment</p> <p>Develop and restore creek banking through the diverse intersection to provide environmental education center</p> <p>South Park becomes hub for community-led youth empowerment and vocational training through project-based learning</p>





Multimodal Mobility & Transit Infrastructure Changes

Increasing the use of multimodal mobility is proven to be more environmentally friendly, healthier, and affordable. By tackling the issue of car ownership or lack thereof within South Park we would allow for more accessible and safer modes of transportation at three different scales. Additionally, the electrification of buses, bicycles, and scooters within South Park would address two community priorities which are:

- Safe, comfortable **mobility connections and choices**
- Improvements that support **environmental and public health**



Electric Bus | Long Distance

Lower CO₂ emissions, improved air quality, noise reduction, increased comfort for passengers, reduced maintenance costs, and lower running costs.



E-Bike | Medium Distance

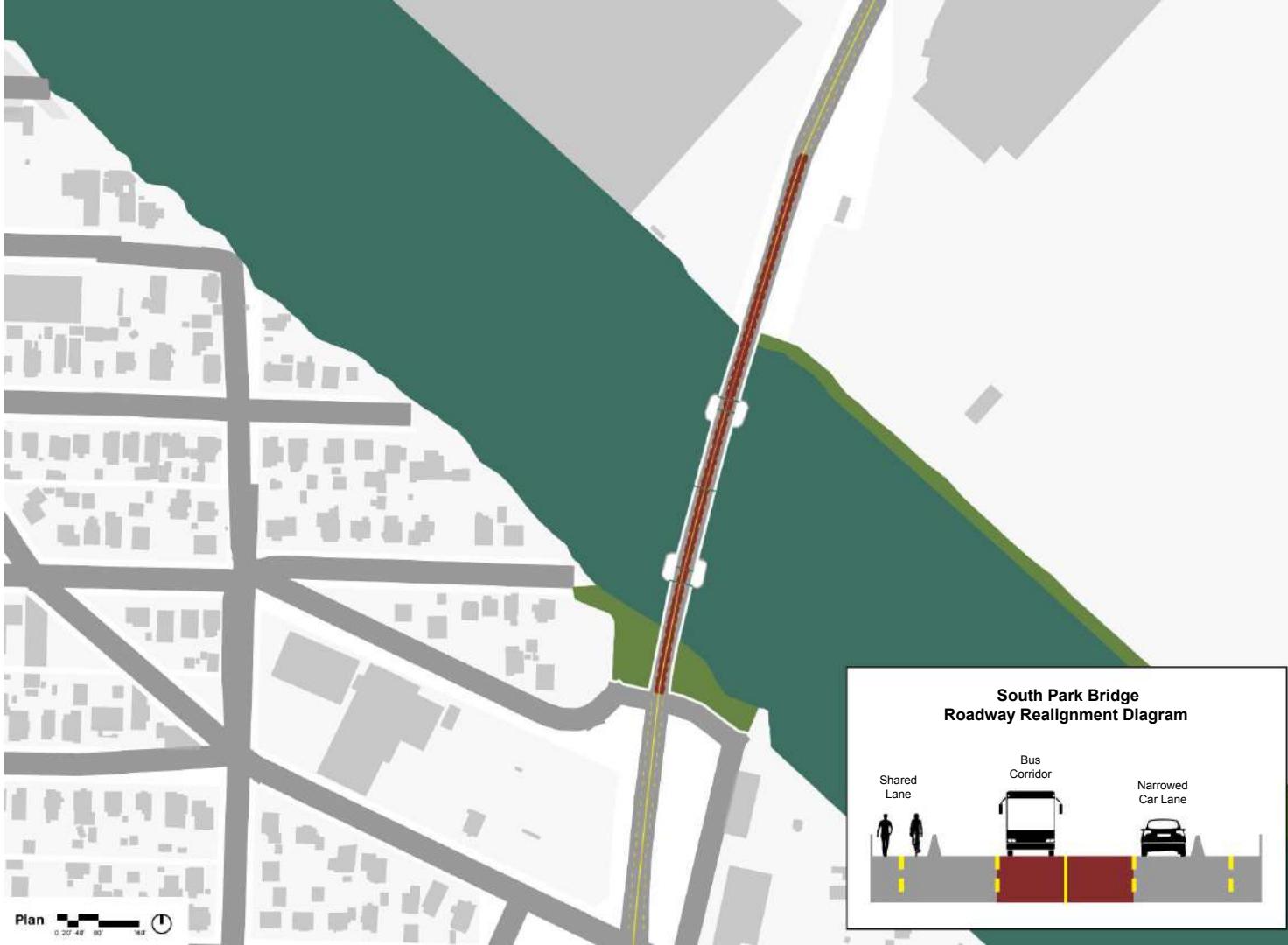
Increased rates of exercise, improved mental well-being, increased safety, noise reduction, environmental health, and are affordable.



E-Scooter | Short Distance

Convenient, lightweight/portable, eco-friendly, low operating costs, low maintenance costs, and helps reduce noise pollution.







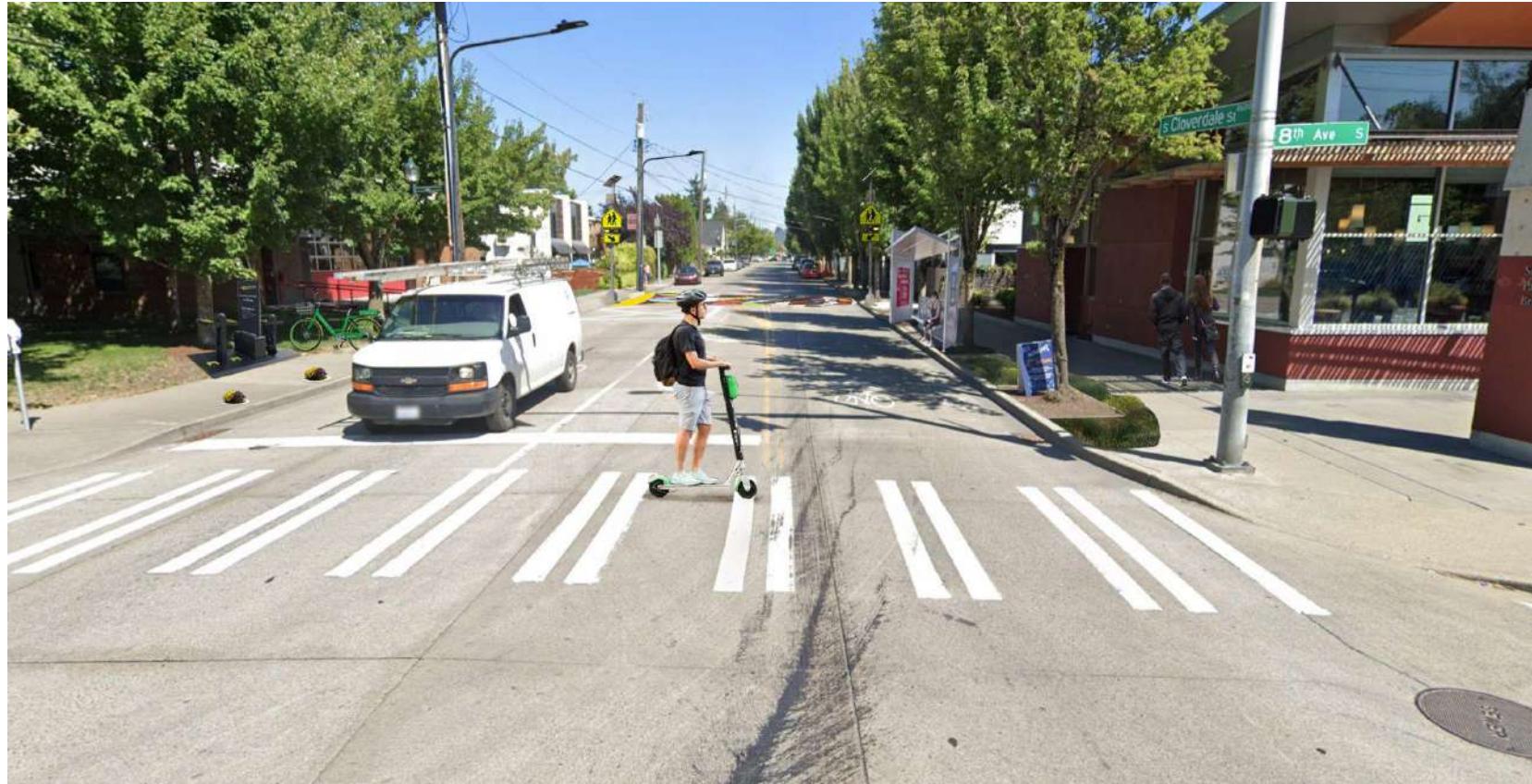


S Cloverdale St Redesign Diagram

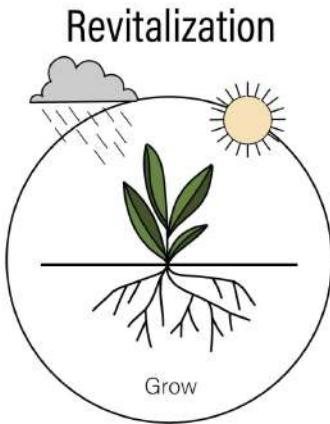
Charging
Station &
LED Street
Light

Smart Bus
Shelter &
Bioswale

Plan 0 20' 40' 60' 100'

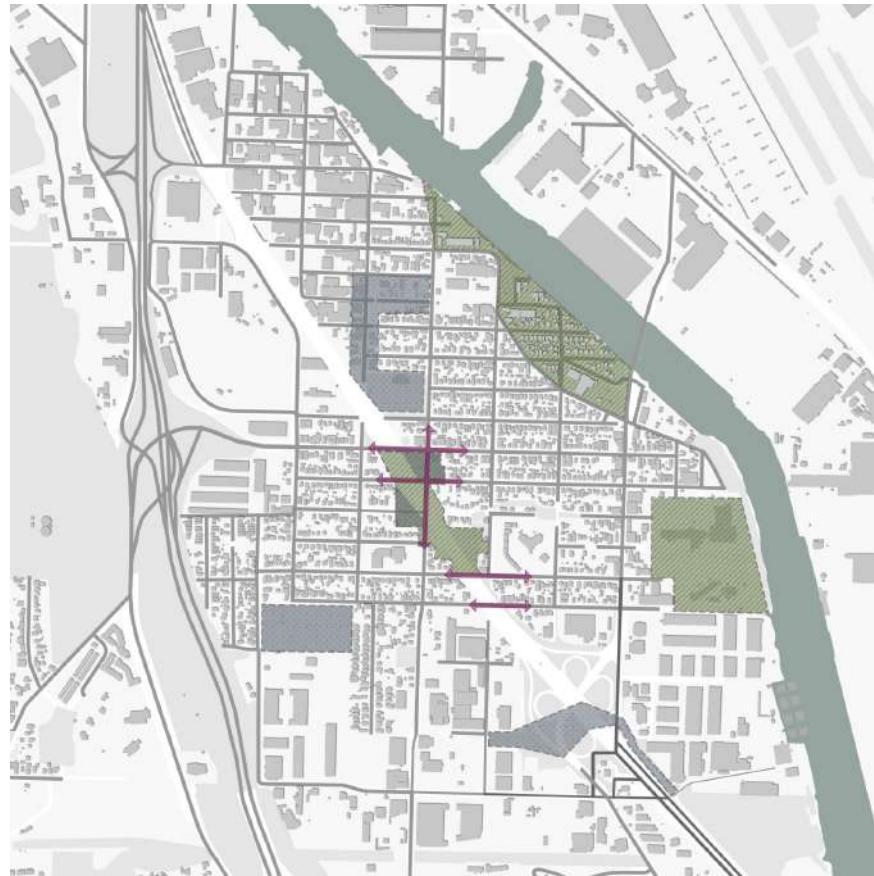


SR-99

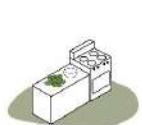


PAST TO PRESENT PRE-REMOVAL SR-99 REMOVAL POST REMOVAL FAR FUTURE

South Park Bridge	Completion of highway bridge across 8th Ave E connecting South Park and Dennyagon.	Completion of concrete bridge across 8th Ave E connecting South Park and Dennyagon.	South Park to White Center East along Cleveland	Health Park, Denny on River water taxi station
Cloverdale pedestrian safety interventions	Reconnect grid in SR-99 space; make 8th Avenue connecting the Green River Trail and the Dennyagon River trail along SR-99 associated along riverfront.	Reconnect grid in SR-99 space; make 8th Avenue connecting the Green River Trail and the Dennyagon River trail along SR-99 associated along riverfront.	Health Park, Denny on River water taxi station	
South Park Community Center renovation	Create new space for workshops with a urban buffer zone	Create new space for workshops with a urban buffer zone	Creating green spaces, playfields, and third places with in the SR-99 redevelopment, Boeing adaptive reuse site, and the Silver by the River	
More Farms Cultivate South Park, and other NGOs lead job training and youth programs	Claim space for workshops with a urban buffer zone	Creation of green spaces, playfields, and third places with in the SR-99 redevelopment, Boeing adaptive reuse site, and the Silver by the River	Adaptive Reuse/Removals of existing Boeing buildings and reduction of parking lots, creating a pedestrian/bikeway loop, community spaces and HQD offices.	
Design /ounding of South Park Plaza	Expand library services through tool and skill libraries	Creating Boeing Site	Adaptive Reuse/Removals of existing Boeing buildings and reduction of parking lots, creating a pedestrian/bikeway loop, community spaces and HQD offices.	
Dennyagon River Peoples Park and Shoreside Habitat	Expand capacity for NGOs to teach through project-based job training	Expand local food system and training capacity through creation of community kitchen and local food hub on nearby feed land	Programs focused to adjacent communities and improve neighborhoods through community-led, locally identified projects and training	
More Farms Cultivate South Park, and other NGOs lead job training and youth programs	Use neighborhood crowdfunding and occupant equity strategies to develop home ownership in newly available and on SR-99	Creating possibilities in older areas	User land from SR-99 for community-led restoration, urban agriculture, and construction projects	
Design /ounding of South Park Plaza	Support community NGOs in adding new SR-99 land to land trusts and mitigating displacement risks	Creating possibilities in older areas	Programs focused to adjacent communities and improve neighborhoods through community-led, locally identified projects and training	
Dennyagon River Peoples Park and Shoreside Habitat	Expansion of existing service sector within the Northern SR-99 development	Provide older residents to move housing on SR-99 and elsewhere	Facilitate older residents to move housing on SR-99 and elsewhere	
More Farms Cultivate South Park, and other NGOs lead job training and youth programs	Establish new local food hubs, as long-term food mitigation strategy	Engage and mitigate flood risk through the diversified intersection to Seattle environmental education center	Flood risk becomes hub for community-led youth empowerment and vocational training through project-based learning	



Site Plan



Food Production +
Nutrition Education




Tool + Skill Libraries




Seed Library



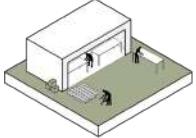

Wildlife Habitat Gardens



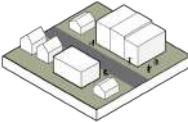

Green Stormwater Infrastructure




Urban Orchard

Makerspaces + Workshops

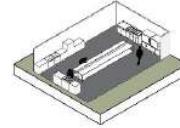
Community-scale Construction




Farmers Markets




Local Food Hub + Network

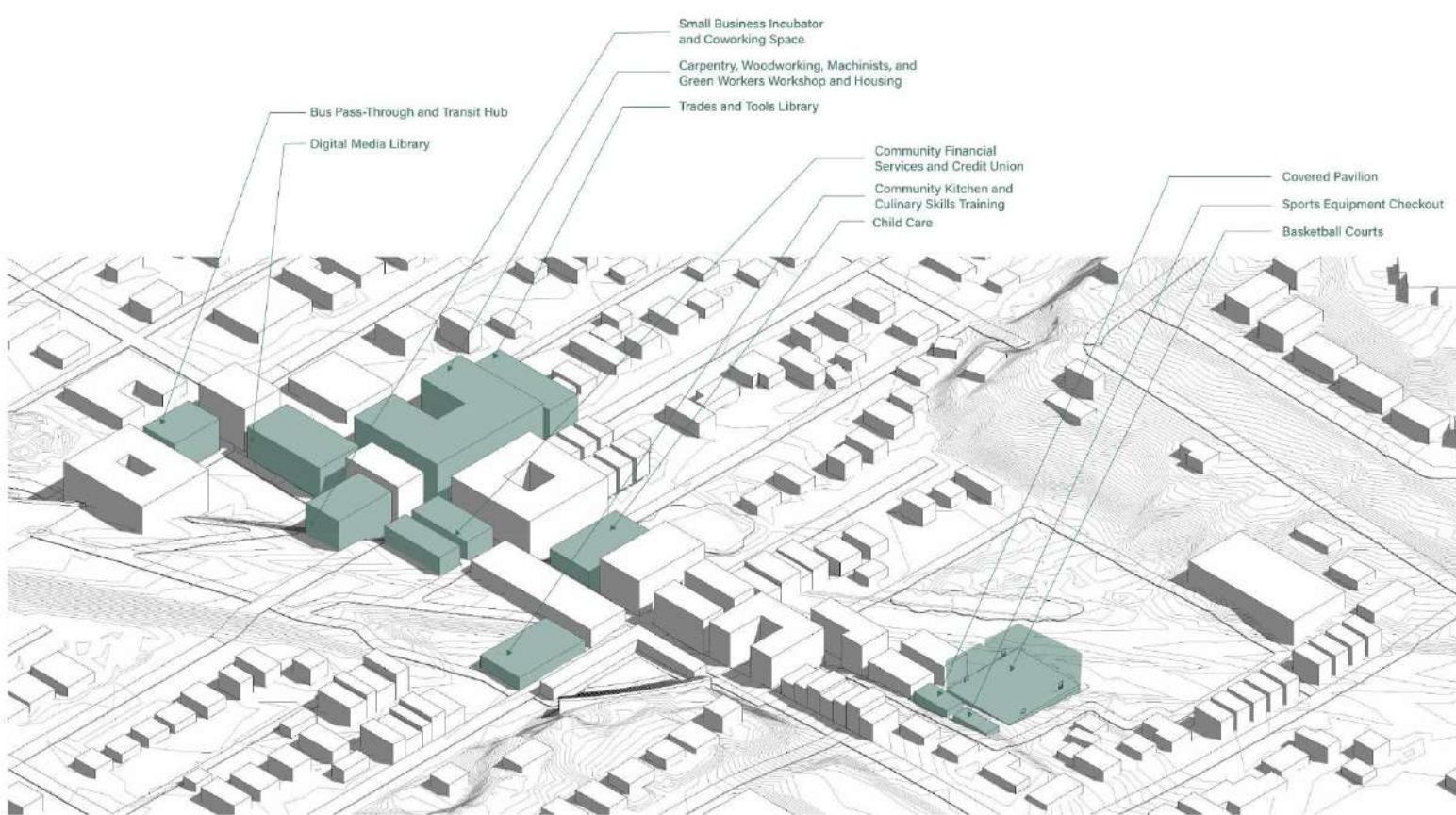



Community Commercial Kitchen



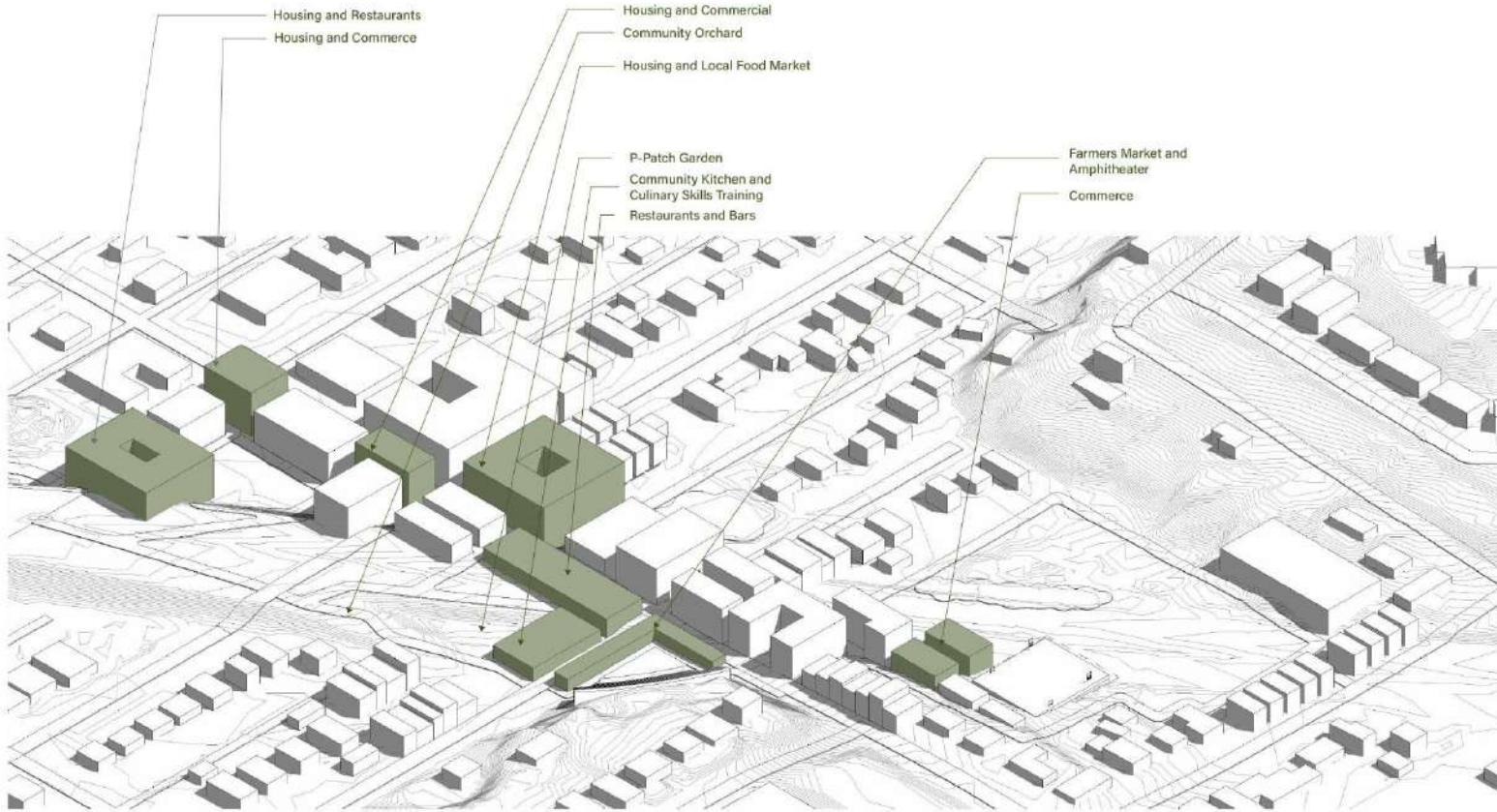



Overall Isometric

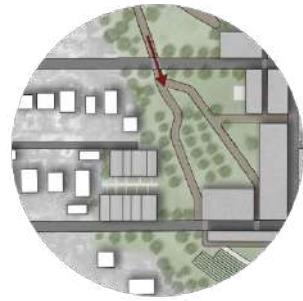


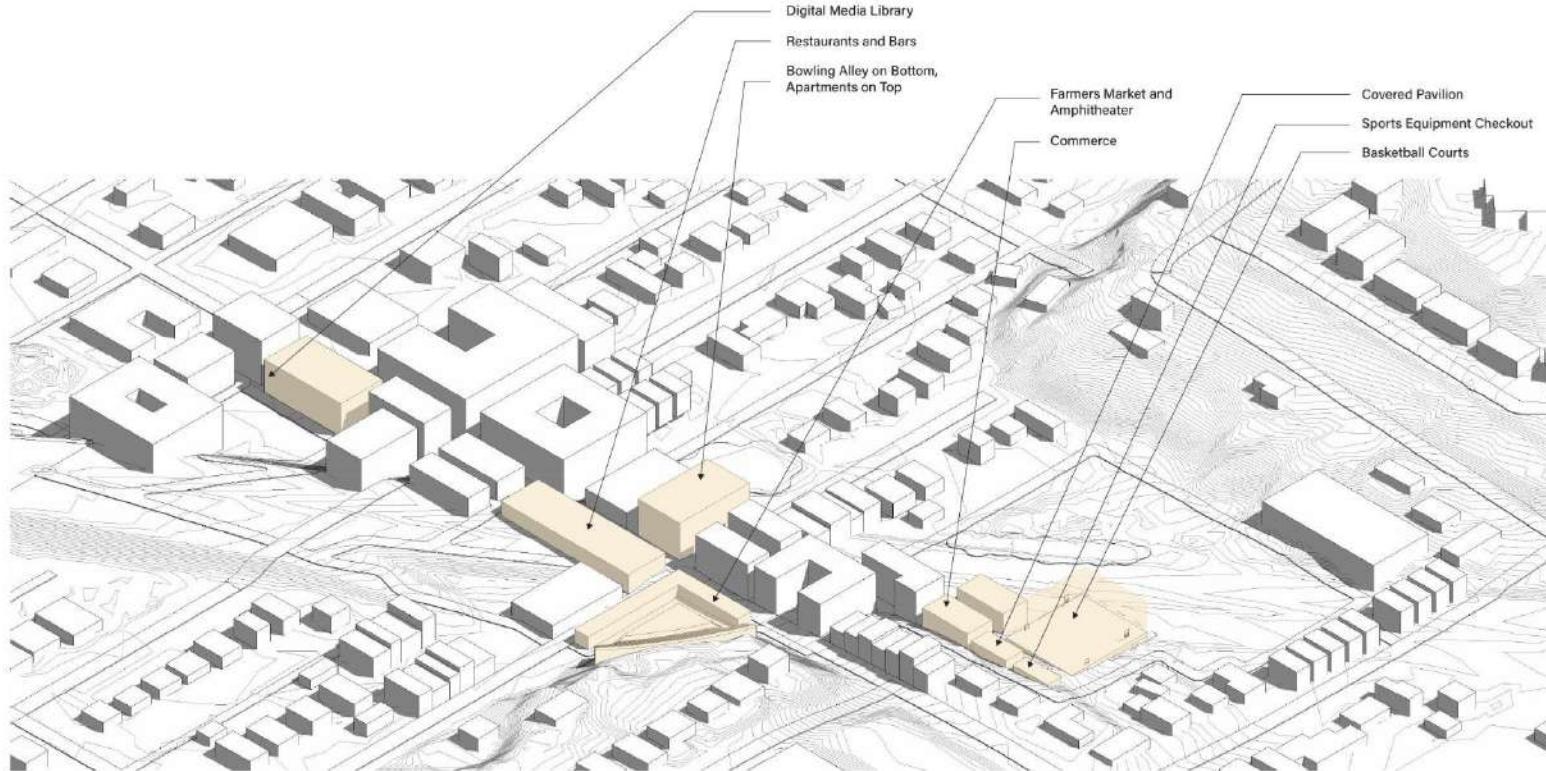
Community Resources





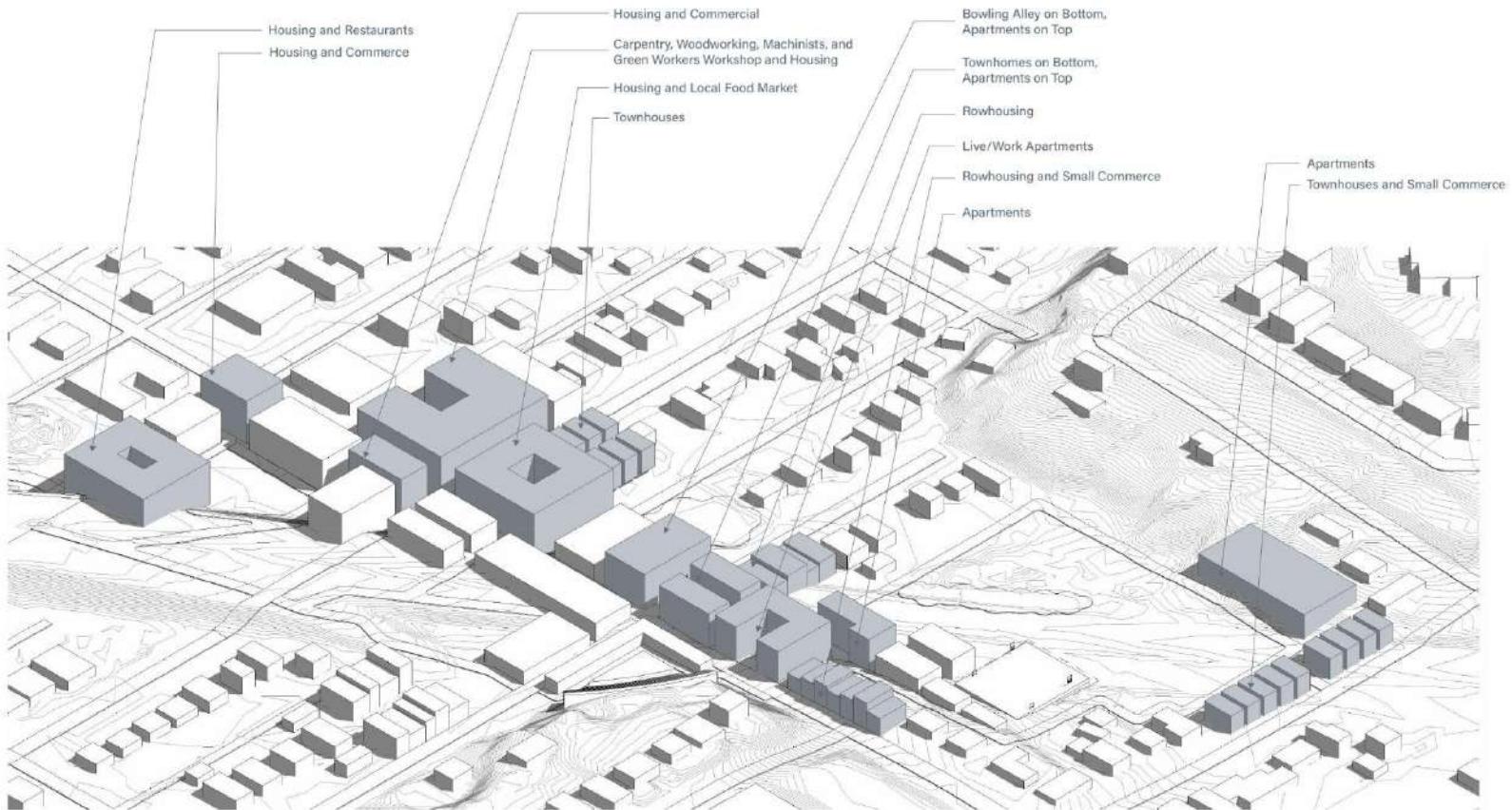
Food Resources





Recreation





Housing

Townhomes on Bottom,
Apartments on Top



Row Housing



Commerce on Bottom,
Apartments on Top



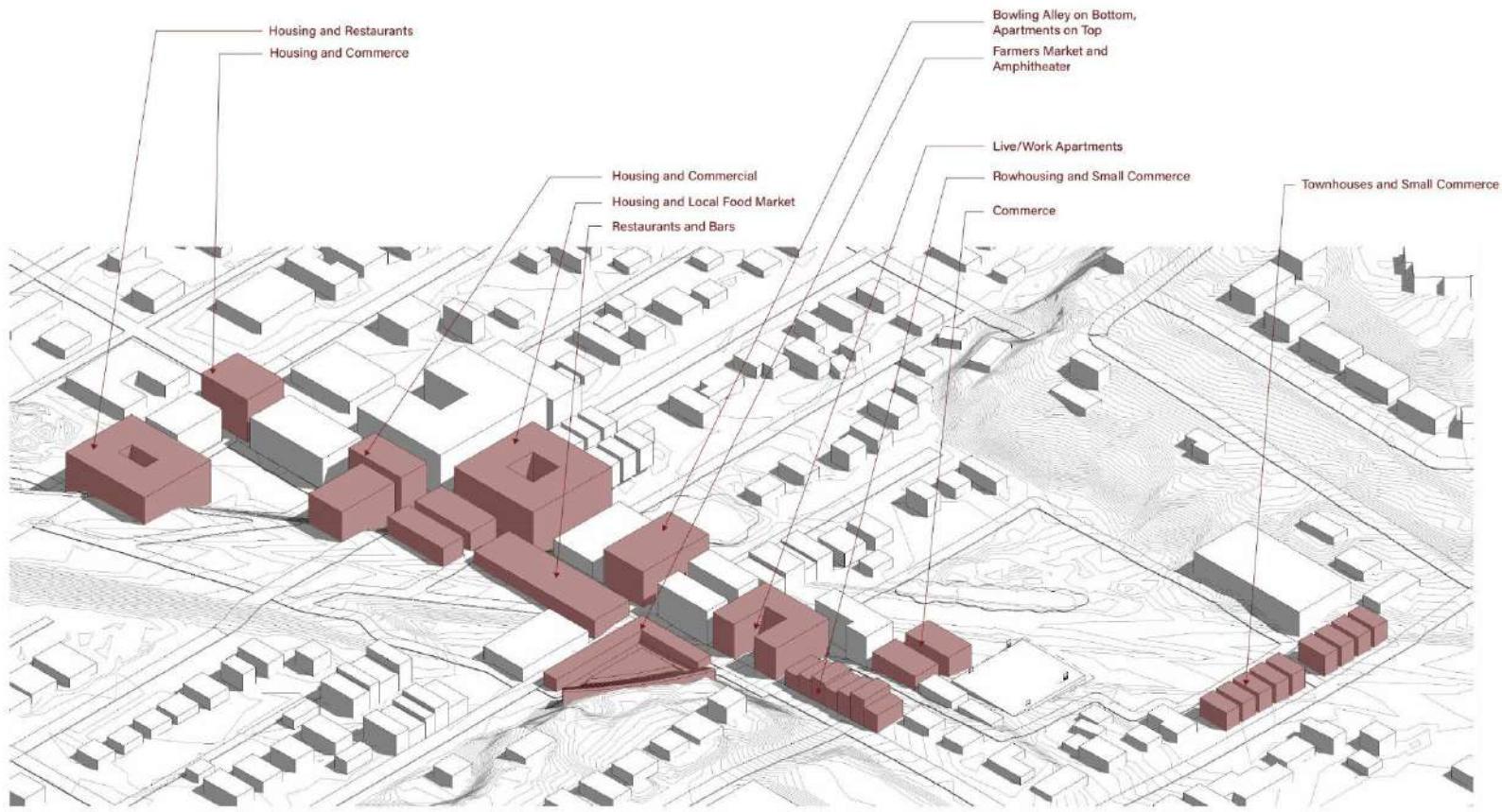
Townhomes on Top,
Cornerstore on Bottom



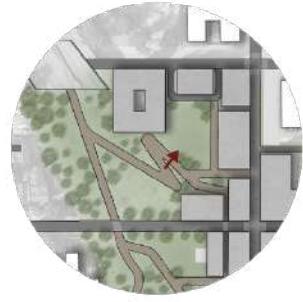
Existing Single
Family Home
in South Park



Housing Typologies

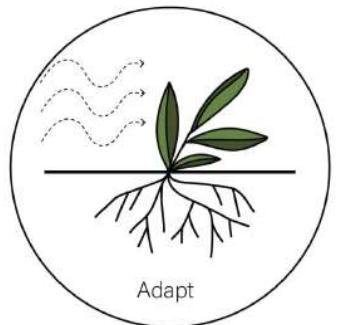


Business

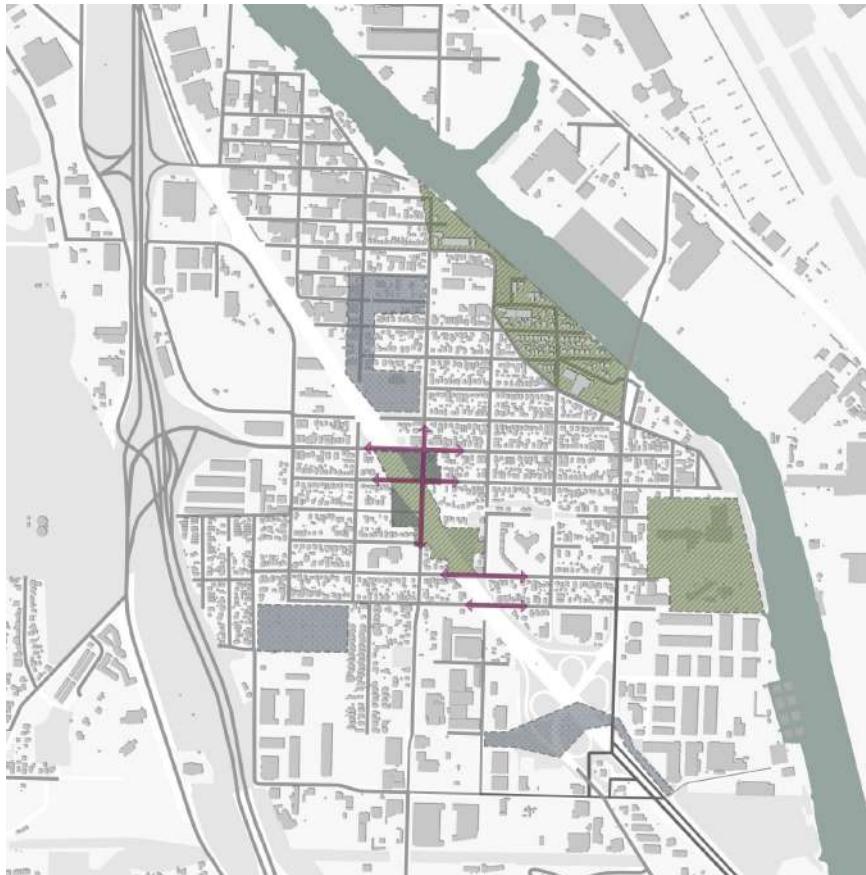
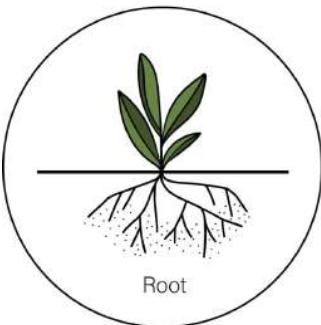


Duwamish Riverfront

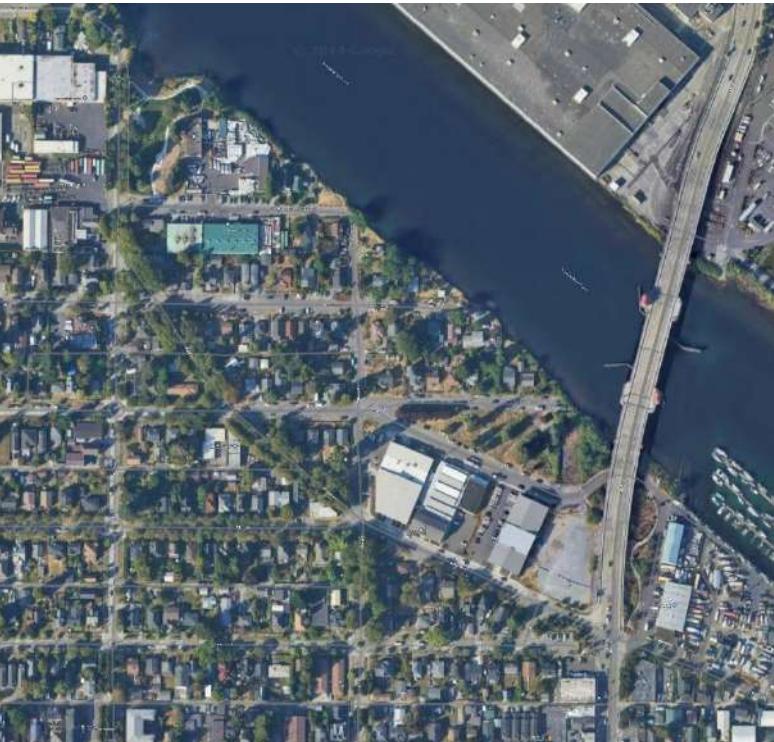
Resilience



Reconnection



Present



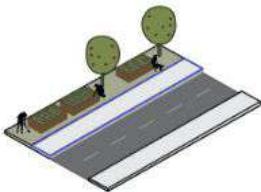
Far Future



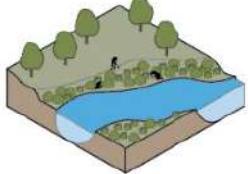
Sliver by the River



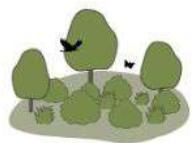
Environmental Education



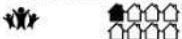
Right-of-way Gardens

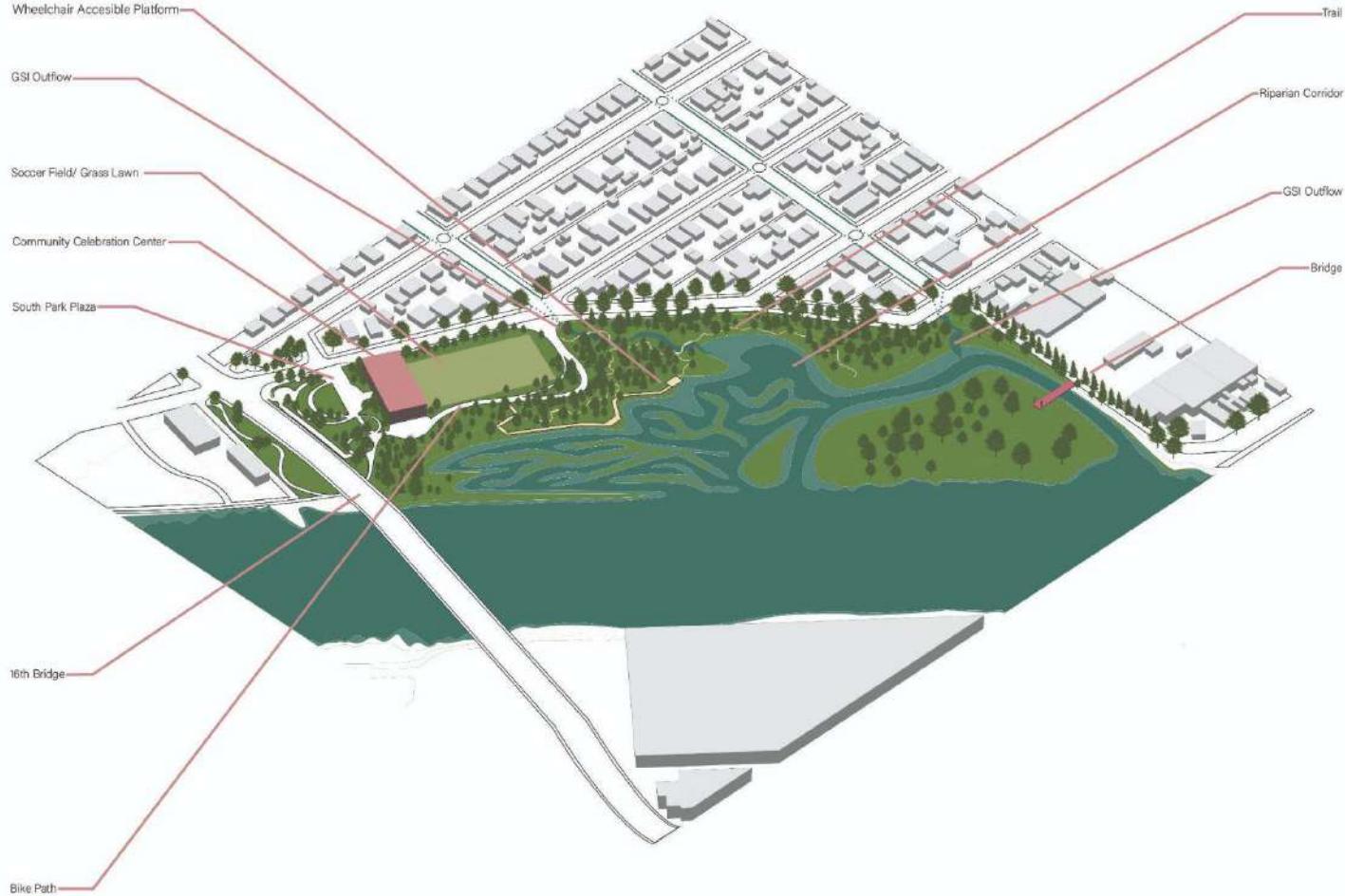


Watershed Restoration



Wildlife Habitat Gardens







Dallas Ave S

Field

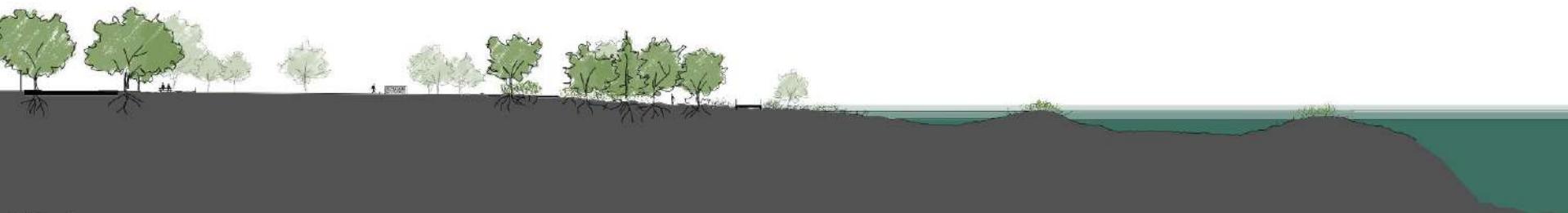
Picnic Tables/Crills Soccer

Forest

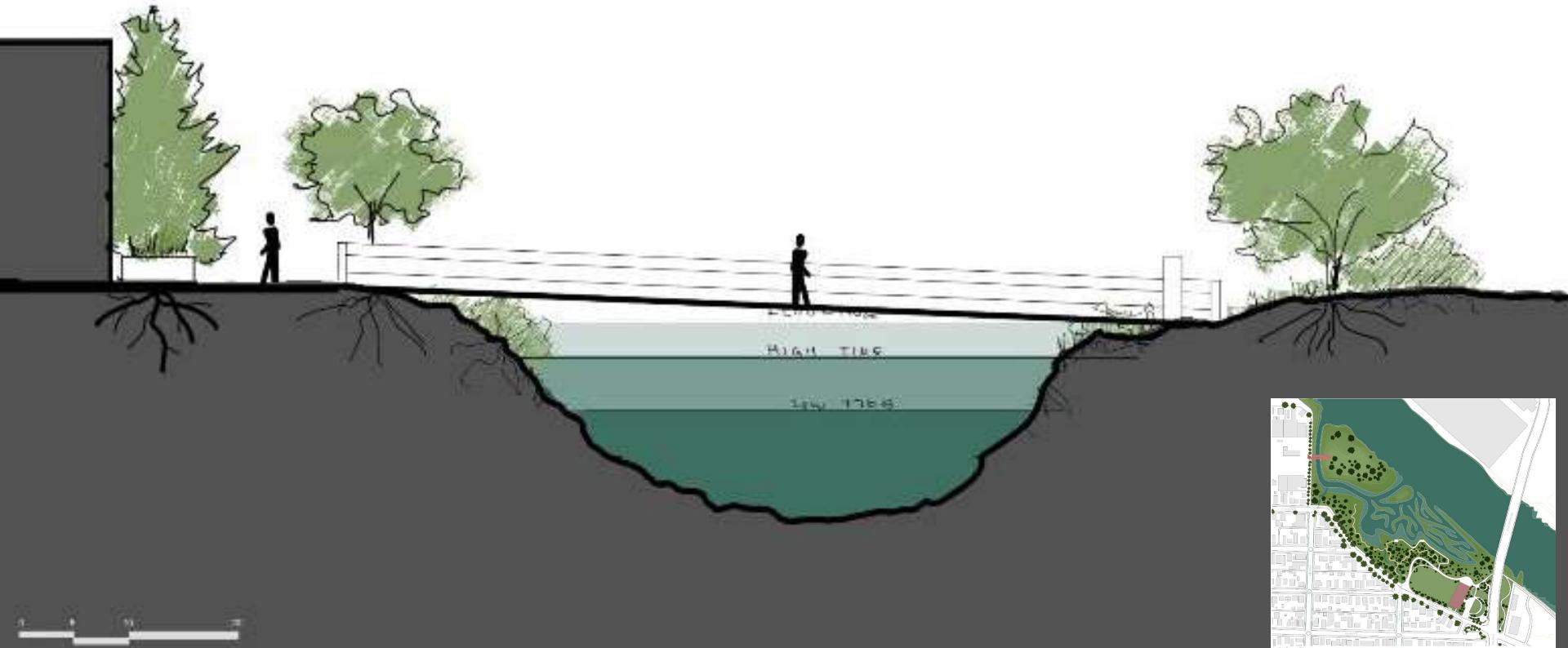
Bike Trail Walking Trail ADA Trail

Riparian Habitat

Duwamish River

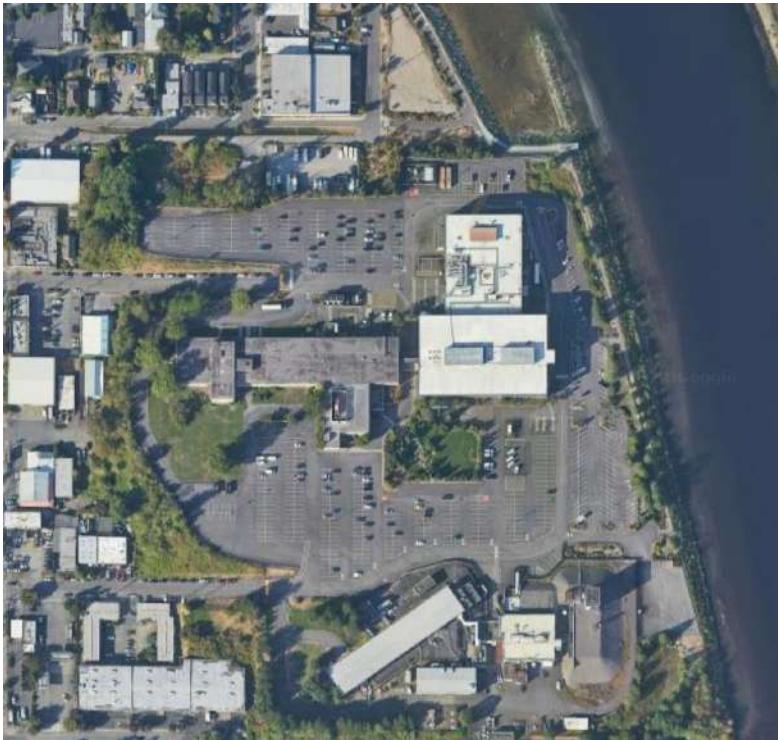








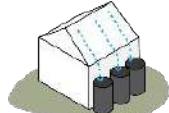
Present



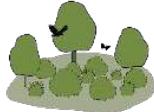
Far Future



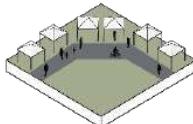
Boeing Community Resilience Site



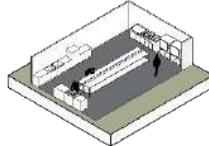
Rainwater Harvesting



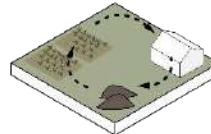
Wildlife Habitat Gardens



Farmers Markets

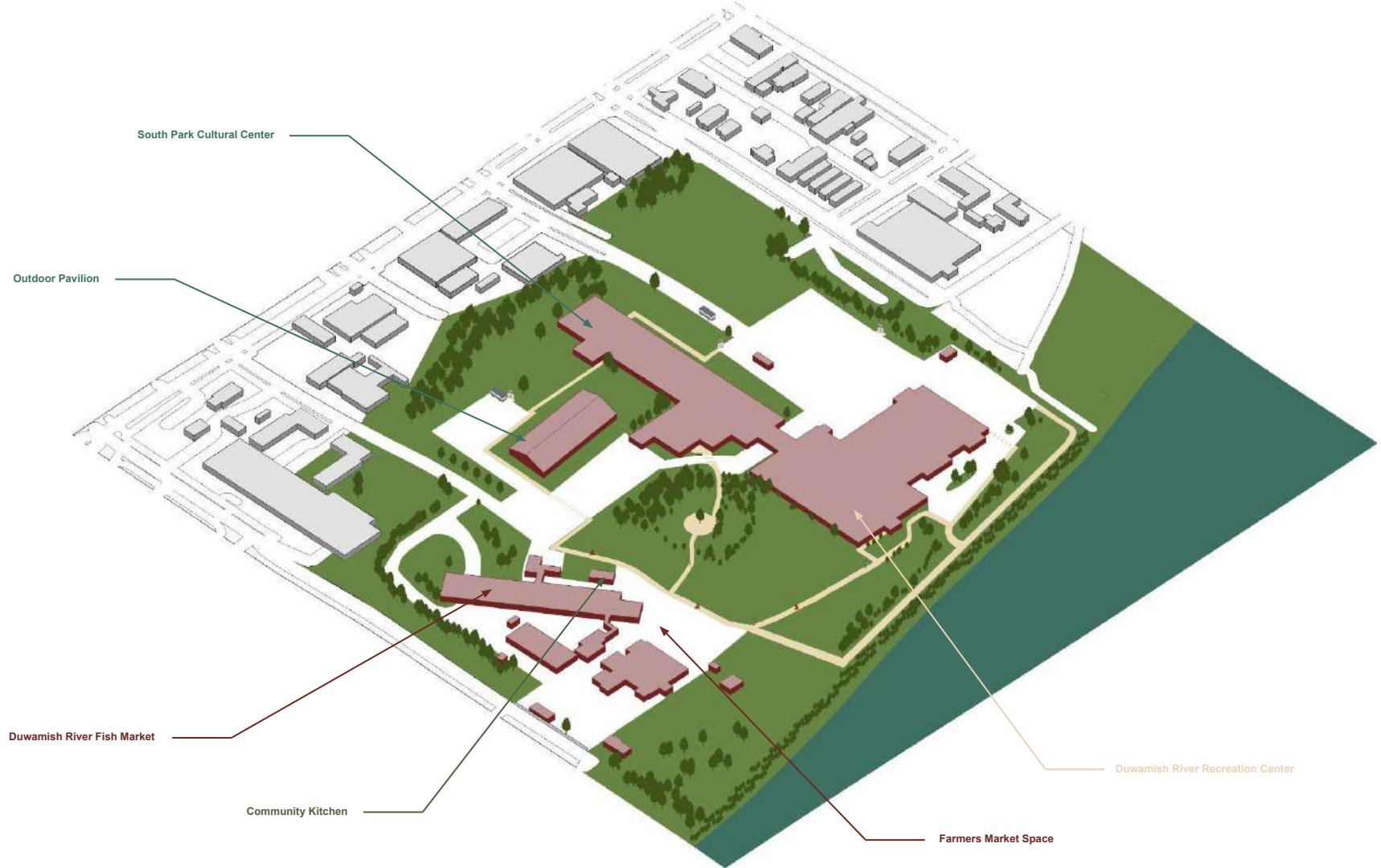


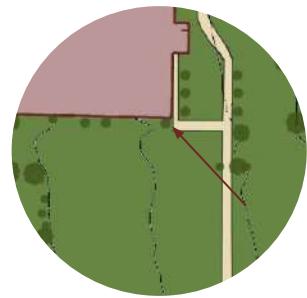
Community Commercial Kitchen

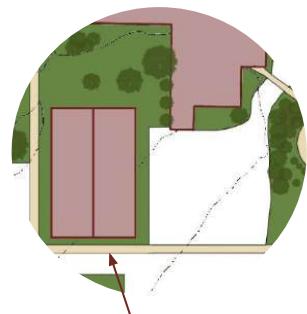


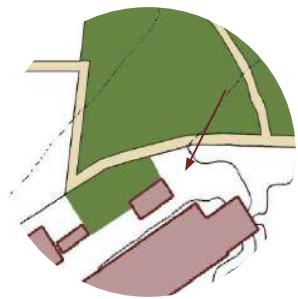
Closed-loop Organic Waste Systems

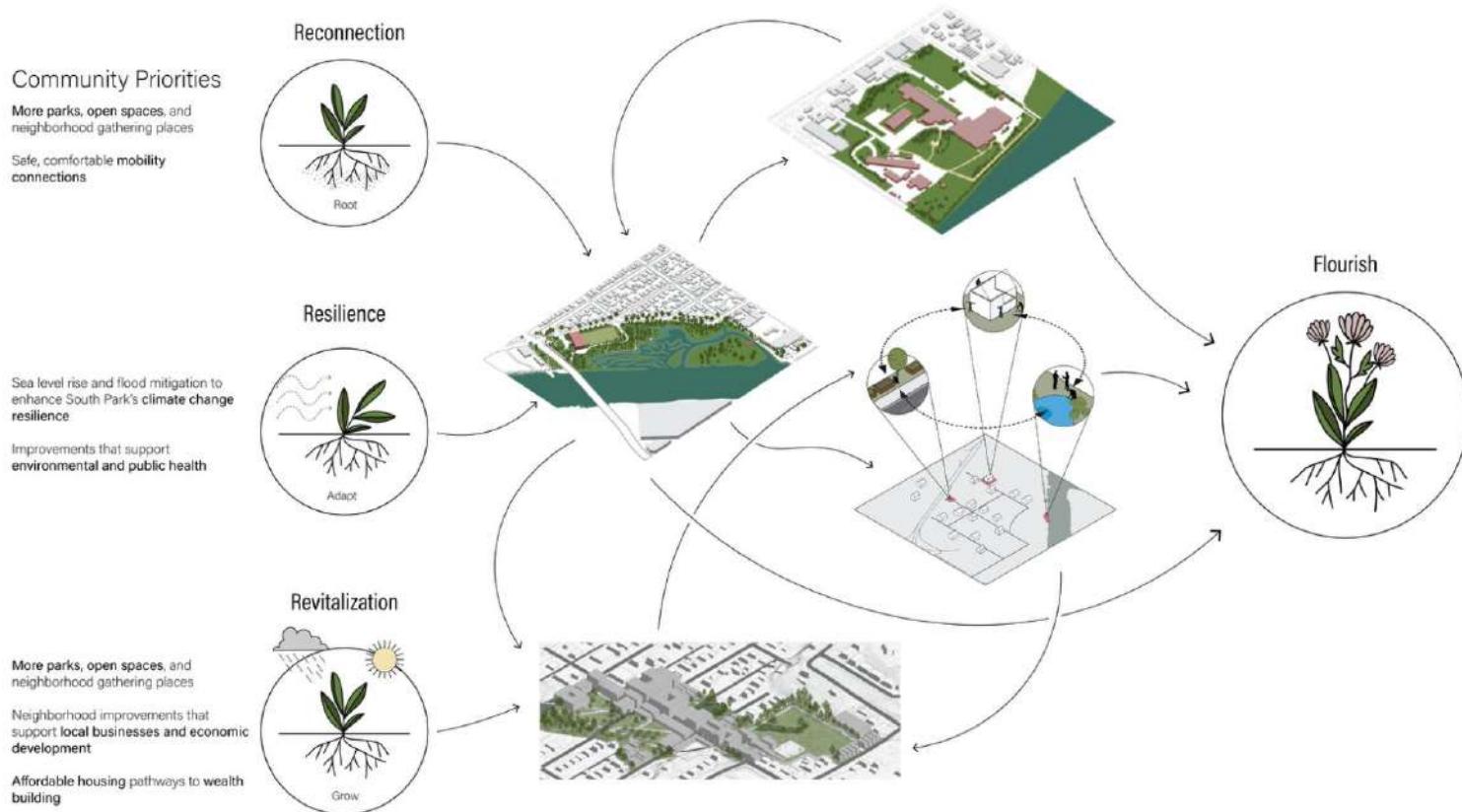












PAST TO PRESENT

PRE-REMOVAL

SR-99 REMOVAL

POST REMOVAL

FAR FUTURE

South Park Bridge

Electrified multimodal mobility options with charging stations and infrastructural changes

Cloverdale pedestrian safety interventions

South Park Community Center renovation

Claim space for workshops within urban buffer zone

Expand library services through tool and skill libraries

Expand Mana Farms operations through interstitial urban agriculture

Merra Farm, Cultivate South Park, and other NGOs lead job training and youth programs

Design /building of South Park Plaza

Duwamish River People's Park and Shoreline Habitat

GSI interspersed within residential area

Construction of a pedestrian bridge along 8th Ave S connecting South Park and Georgetown

Create neighborhood bus loop

Create new bus line connecting to new light rail stations

Construction of a pedestrian/bike path connecting South Park to White Center East along Cloverdale

Reconnect grid in SR-99 space; make 8th Avenue walkable from Cloverdale to Henderson

Creation of green spaces, playfields, and third places within the SR-99 redevelopment, Boeing adaptive reuse site, and the Silver by the River

Expand local food system and training capacity through creation of community kitchen and local food hub on newly freed land

Expand capacity for NGOs to teach through project-based skills training

Use land from SR-99 removal for community-led restoration, urban agriculture, and construction projects

Expanded programs spread to adjacent communities and improve neighborhoods through community-led, locally identified projects and training

Use neighborhood crowdfunding and occupant equity strategies to develop home ownership in newly available land on SR-99

Support community NGOs in adding new SR-99 land to land trusts and mitigating displacement risks

Expansion of existing wetlands habitat within the Northern SR-99 redevelopment

GSI placed along river as sponge city flood mitigation strategy

Obtaining properties in silver area

Relocate silver residents to new housing on SR-99 and elsewhere

Habitat restoration integrated with Plaza to create a community celebration space

Daylight and restore creek running through the cloverleaf intersection to establish environmental education center

South Park becomes hub for community led youth empowerment and vocational training through project based learning