



WasteScapes

a Symbiosis

Waste

Everyday

Waste is a part of life.



Waste

Connotations

Waste,
Shameful. Unsanitary. Dangerous.



Waste Placement

Out of Sight, Out of Mind



=

Detrimental Environmental Effects



Waste

Awareness

Question.

How can we bring

AWARENESS &

PUBLIC ENGAGEMENT?

Waste in Squamish

Official Community Plan:

Waste Management

Increase the overall diversion rate for the community to 75% by 2020.

SQUAMISH REDUCES HOUSEHOLD GARBAGE TO THE LANDFILL BY 20%

The District of Squamish congratulates the community of Squamish on reducing household garbage to the landfill by 20% in the first quarter of 2009 compared to the same quarter in 2008. The report signifies the success of the curbside recycling program since its inception in January 2009.
April 30, 2009

 Like 0  Tweet 0  +1 0

NEW WASTE DIVERSION OPTIONS

The District of Squamish is pleased to announce that citizens may now sort and dispose of asphalt shingles, styrofoam, electric small appliances as well as electronics at the landfill public depot free of charge.
July 31, 2012

 Like 0  Tweet 0  +1 0

YARD WASTE COLLECTION PILOT PROJECT

The pilot program that started in Garibaldi Highlands in August has been so successful that the District is pleased to announce that residential yard waste collection for the fall cleanup period will be offered to all residents that currently pay for waste service from the District.

In November there will be free curbside collection of residential household yard and garden materials that will be composted into soil in time for next gardening season. Pickup will be biweekly according to the schedule and policies.



Waste

Opportunities

Squamish-Lilloouette Regional District:

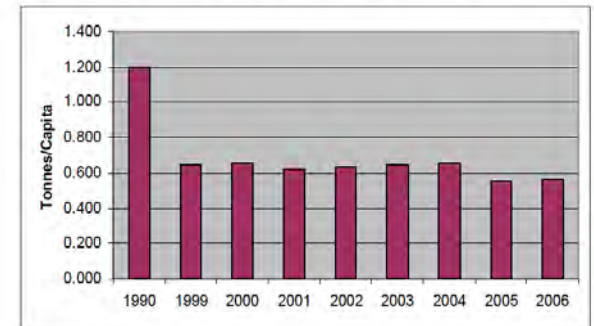
Zero Waste Approach

Products and materials typically defined as “wastes” are re-conceptualized as resources

Zero Waste Education

Elementary and High Schools

Figure 2-2. SLRD Annual Waste Disposed Per Capita 1990, 1999-2006¹³



Waste

Goal

Project Goal:

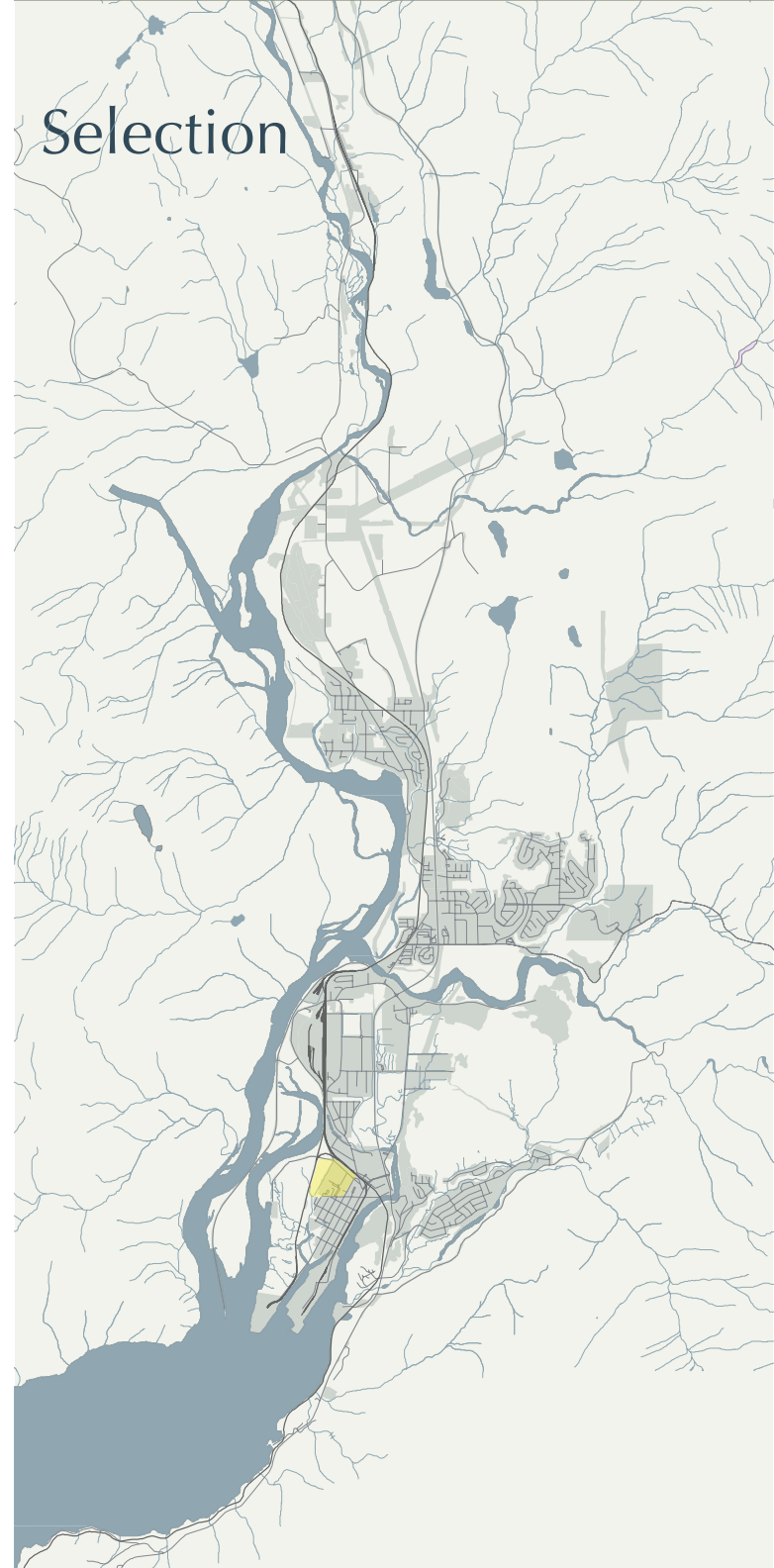
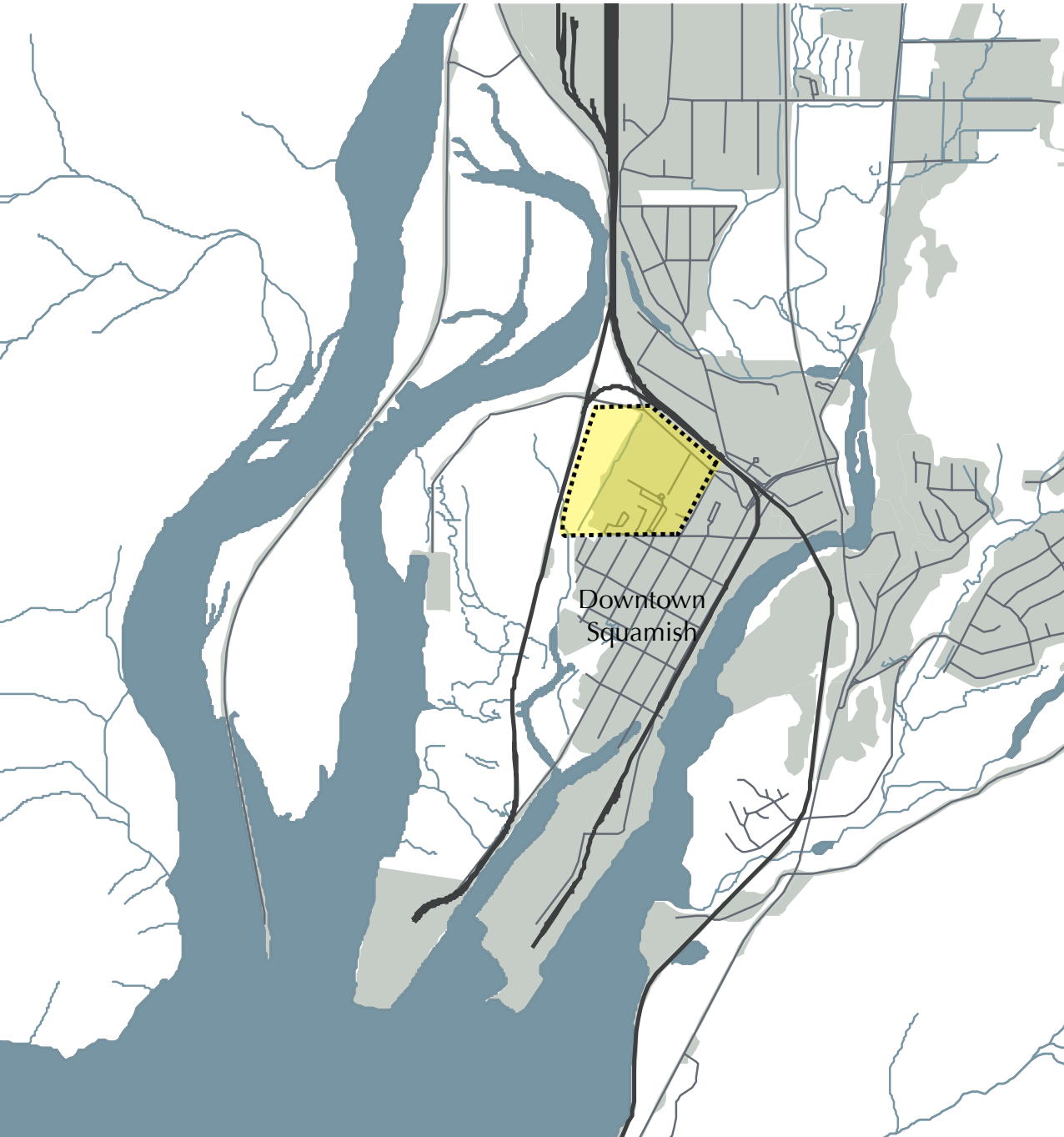
CREATE COMMUNITY AWARENESS

To recycle organic waste back into the environment



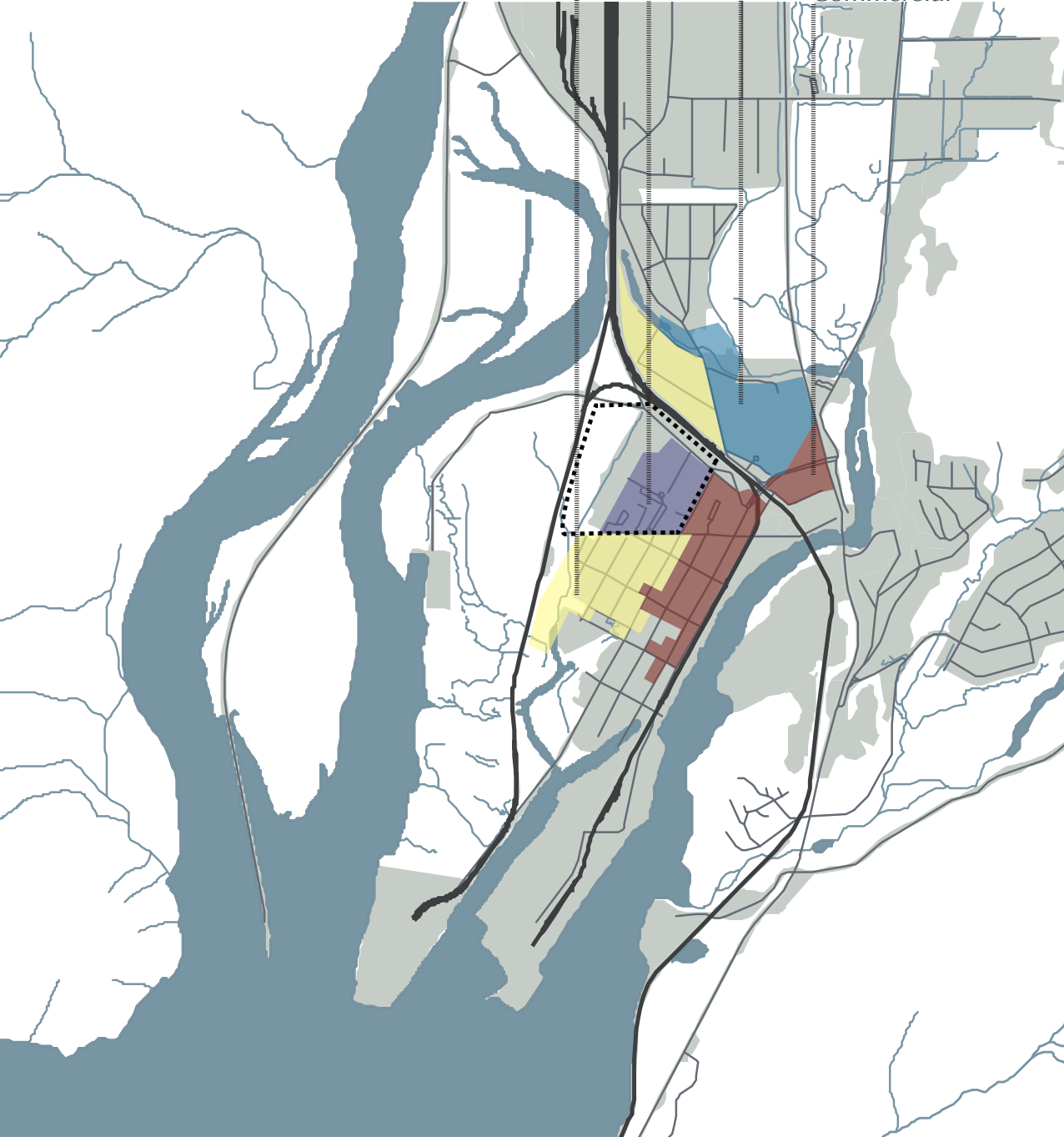
Site

Selection



Site

Single Family
Multi-Family
Institutional
Commercial



Zoning



Multi-Family



Commercial



Single Family



Institutional

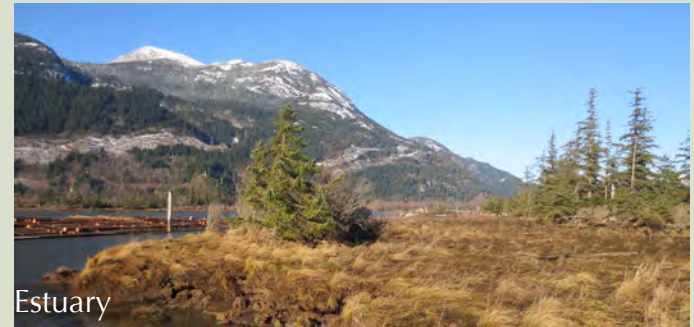
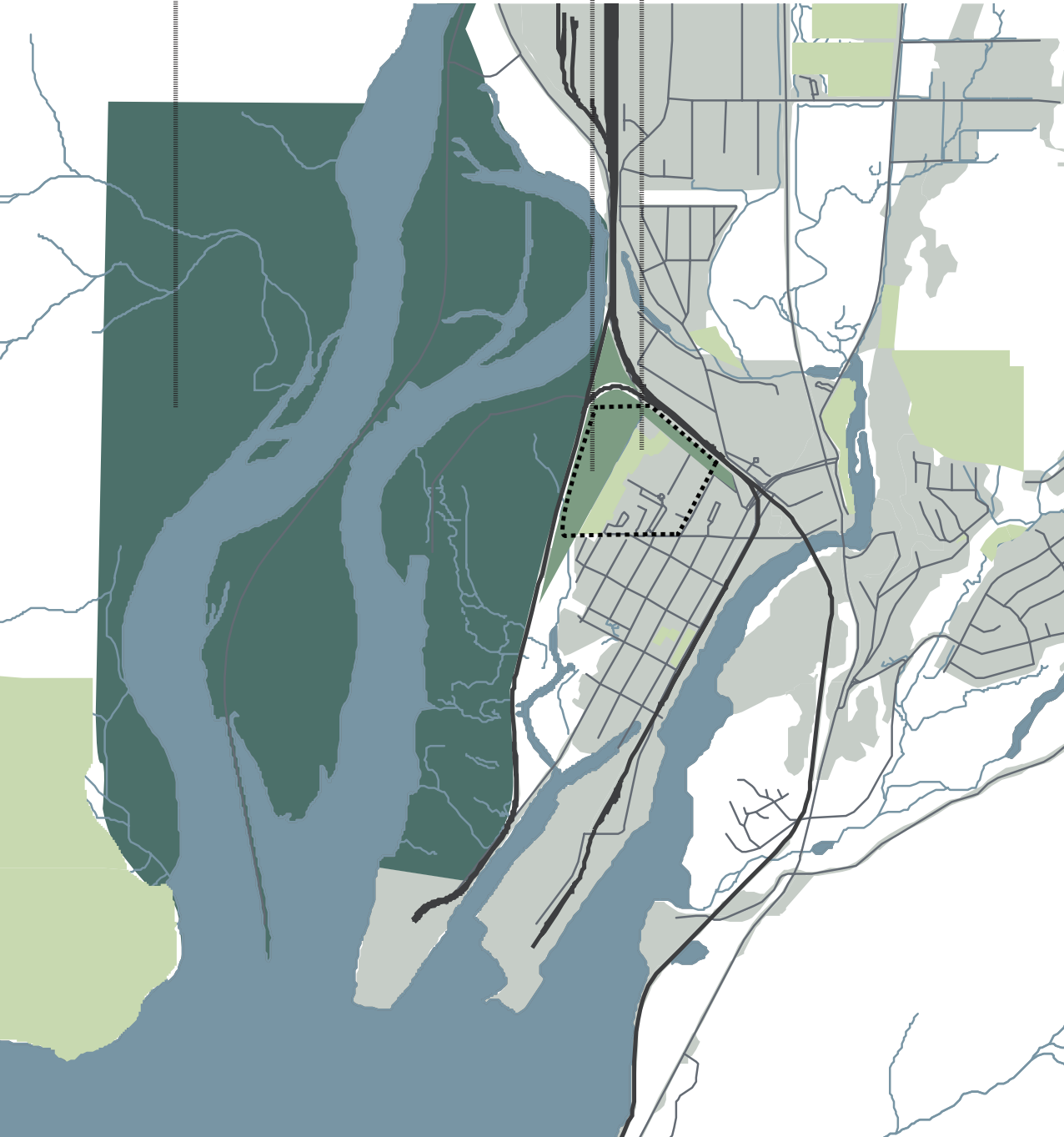
Squamish Estuary Wildlife Management Area

Crown Land - Resource

Eaglewind Park

Site

Conservation



Estuary



Crown Land



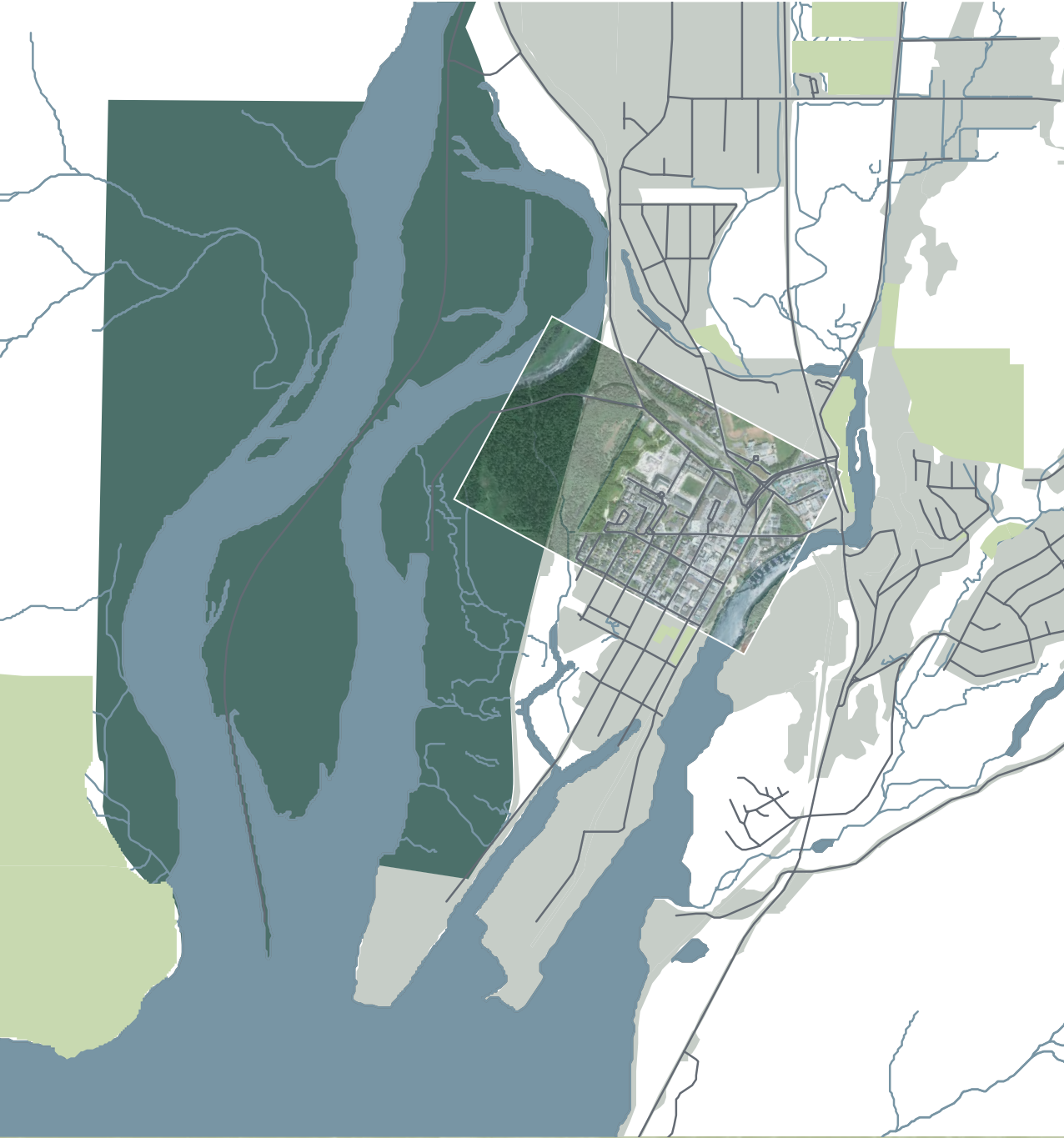
Crown Land



Crown Land

Site

Aerial



Site Development



Site

Eaglewind Park



Tennis Court



Lawn Bowling



Field & Playground



Site

Drainage



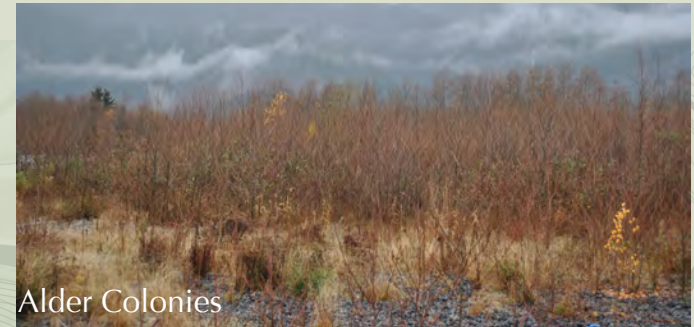
Site

Old Dump



Site

Vegetation



Site

Future Development



Site

Connections



Rail Crossing From Discovery Trail



Bailey Street



Bailey Street



Old North Dike Trail Entry

Design

Concept



WASTE DEMONSTRATION LANDSCAPE

The landscape is a visual tool that communicates the environmental and social benefits of recycling organic waste

Design

Strategies

ALL ORGANIC WASTE IS KEPT ON SITE

and recycled into the landscape

LANDSCAPE IS PROCESS DRIVEN

where compost develops the gardens and improves the landscape over time

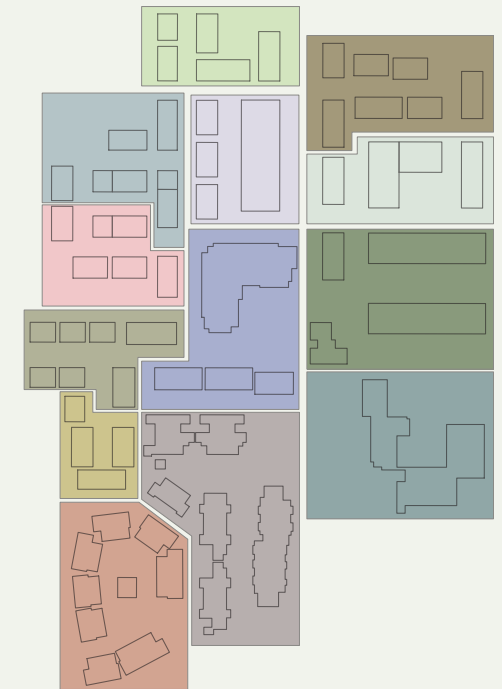
ENCOURAGE STEWARDSHIP OF THE LAND

by local people who recycle organic waste into the surrounding environment



Concept

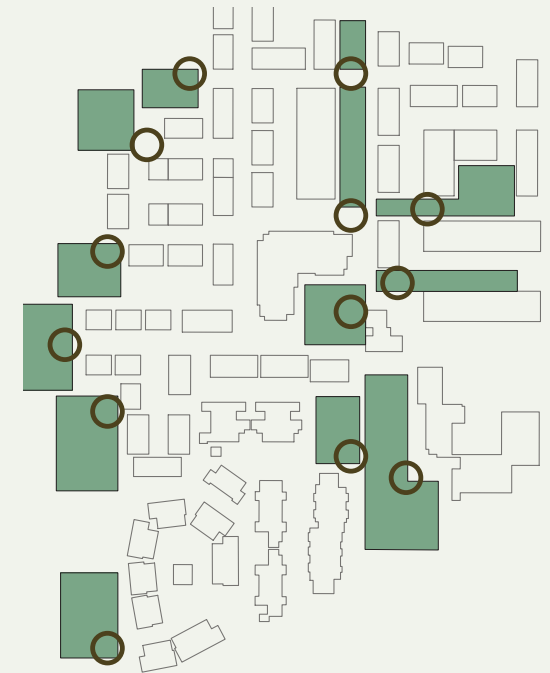
Compost Neighborhoods



Residents compost their own waste

Concept

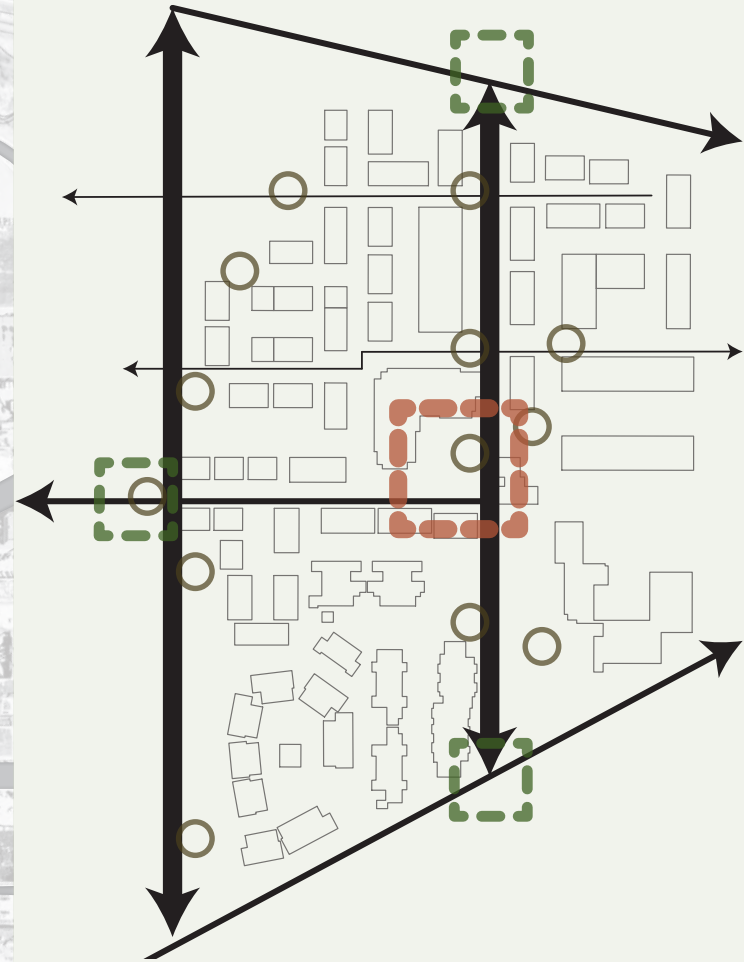
Compost Hubs with Adjoining Gardens



Compost is distributed to gardens by residents and landscape workers

Concept

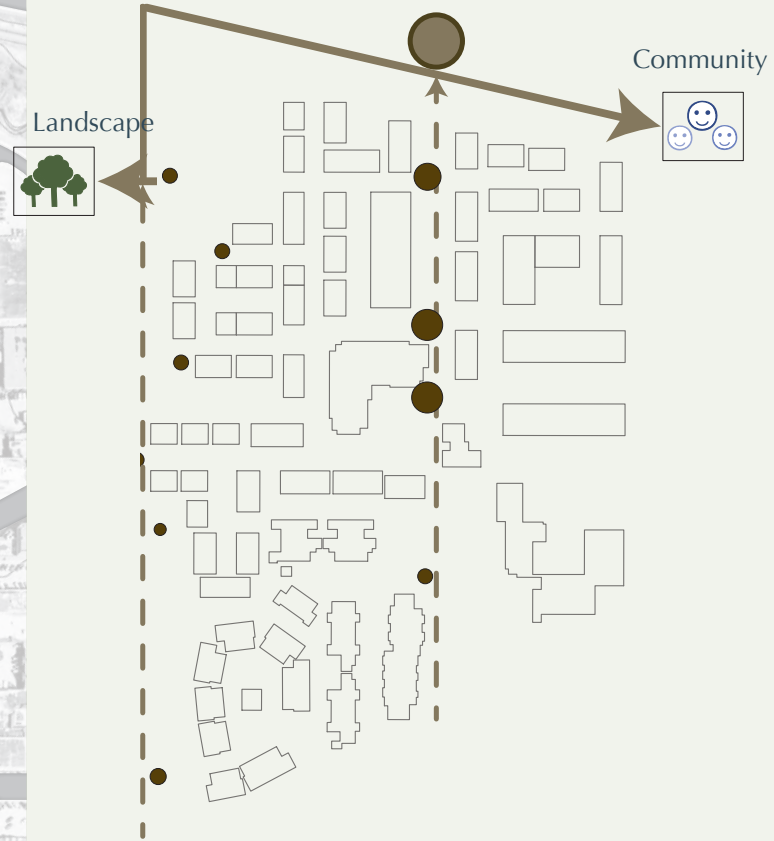
Circulation and Nodes



Circulation and nodes bring the community together

Concept

Compost Distribution



Compost is used for growing plants, applied in the restoration of the old dump, or sold to the community

Compost

Method

Commercial Drum

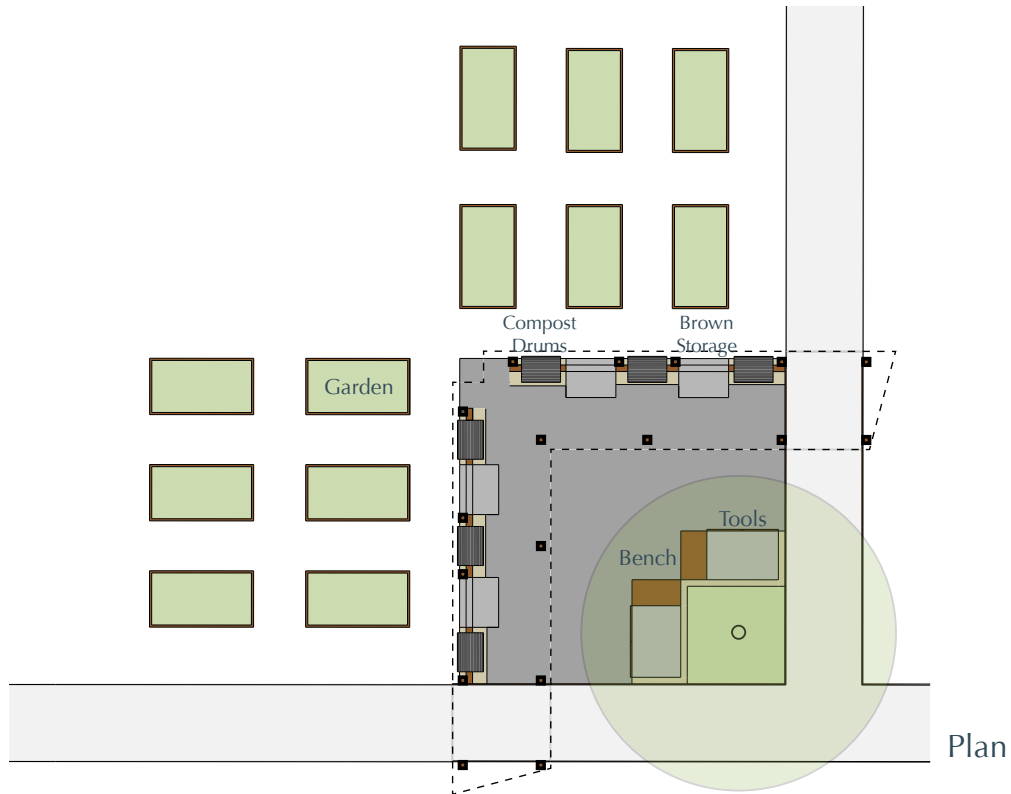
- Contained (Bear Proof)
- Filled at a single interval
- Turned Often (Every other day)
- Aerobic Process (No Smell)
- Rapid Process (Finished in 2 weeks)

55 or 110 Gallon Drums

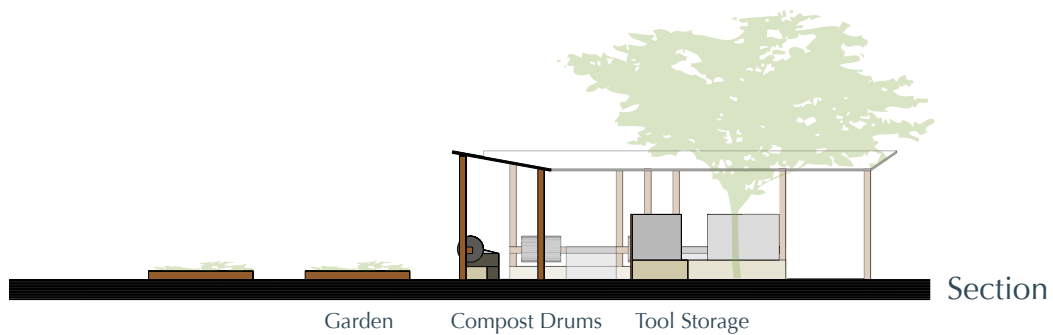


Compost

Hubs



Plan



Section

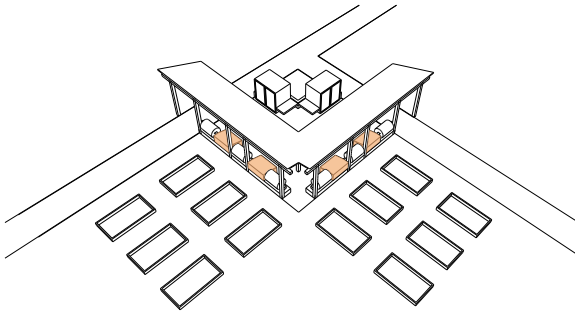


Perspective

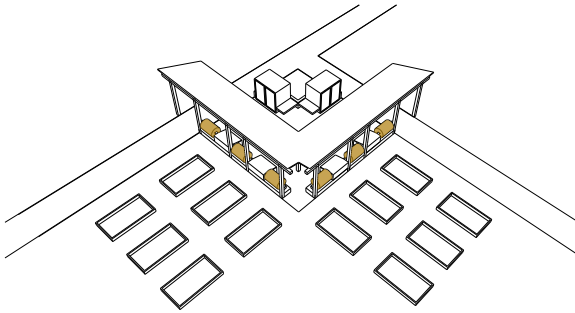
Compost Hubs



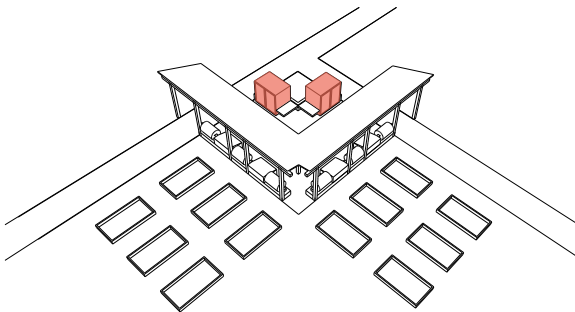
Green
Material



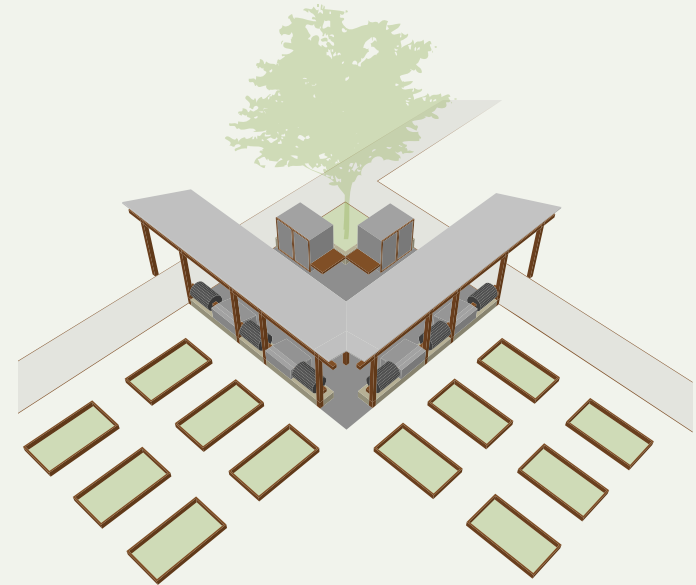
Brown
Material



Compost
Drum



Garden Tools
& Shredder



Grand Allotment Gardens



Wetland

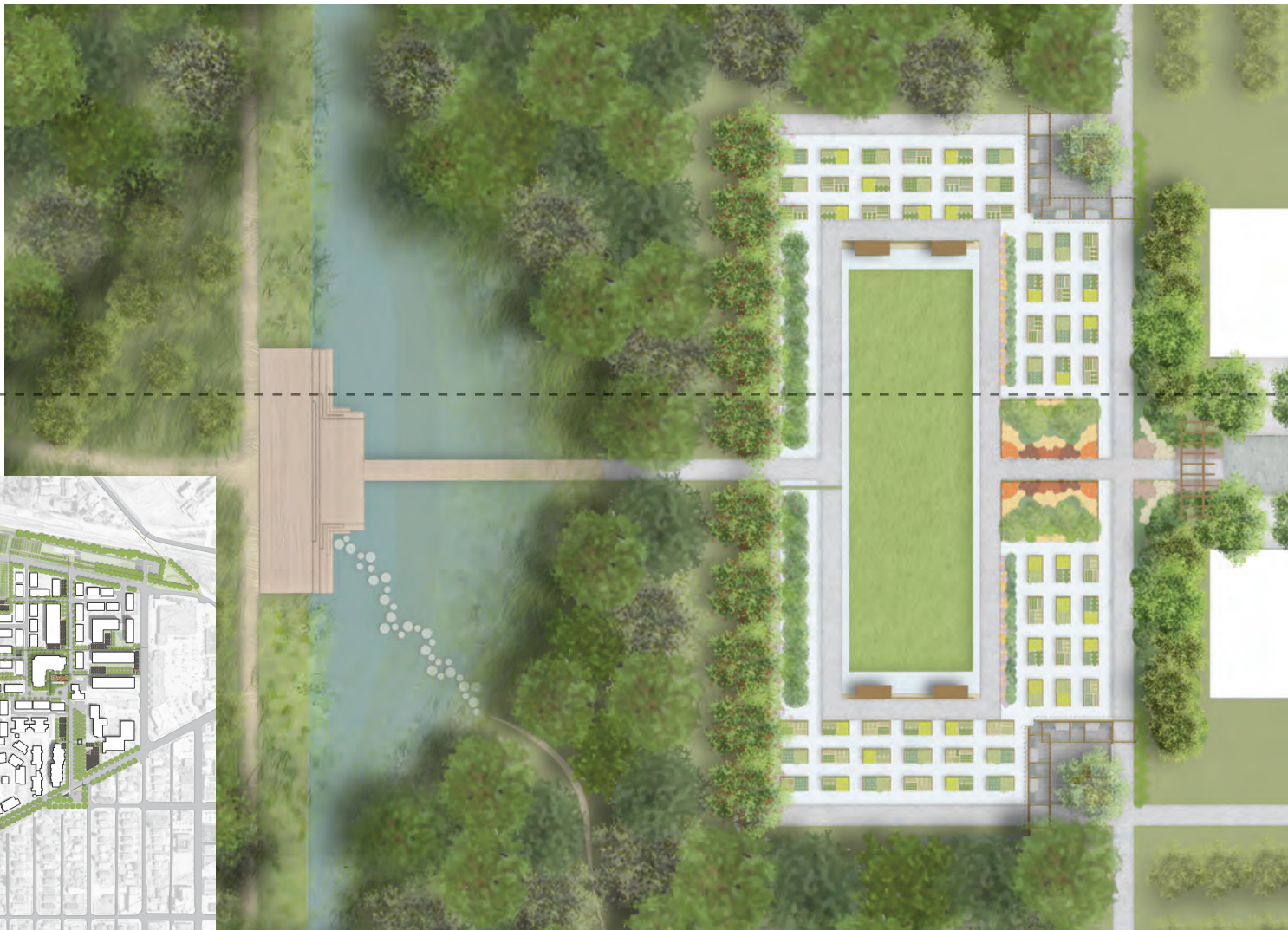
Mixed Forest

Apple

Lawn Bowling

Allotment Gardens

Multi-Family



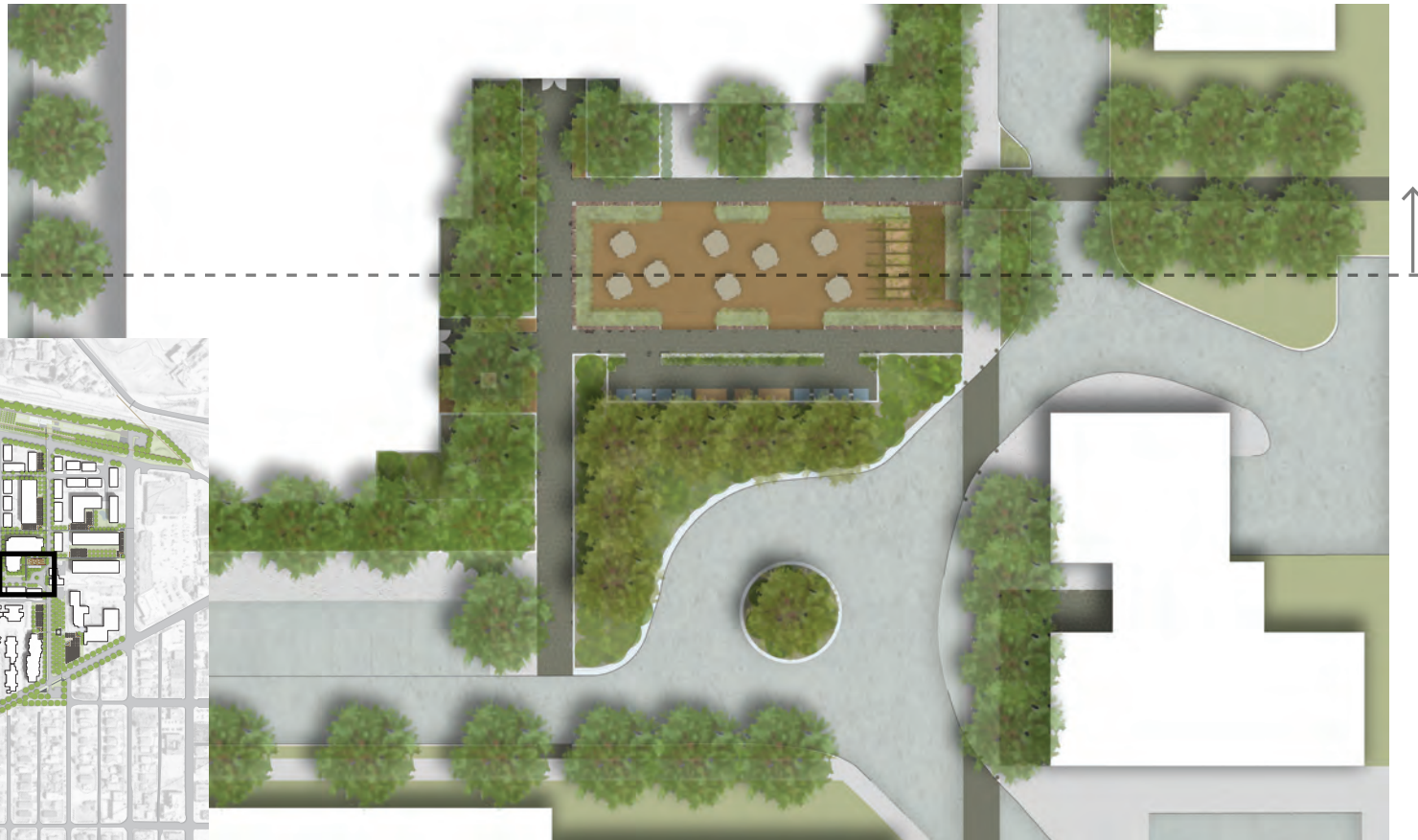
Grand Allotment Gardens



Produce Swap Plaza



Apartment Complex Entry Walkway Plaza Market Stand/Stage Eaglewind Blvd Townhouse



Produce Swap Plaza



Nursery & Compost Education



Residence

Bailey Road

Swale

Trail
Arcade

Indoor/Outdoor
Classroom

Greenhouse

Utility Road

Habitat Corridor



Indoor Outdoor Classroom



Envisioning A WasteScape

Not only eliminates waste...

Creates Community

Active Involvement
Working Together



Economic Benefit

Selling Compost
Selling Produce



Enhances the Environment

Landscape Management
Increasing Biodiversity

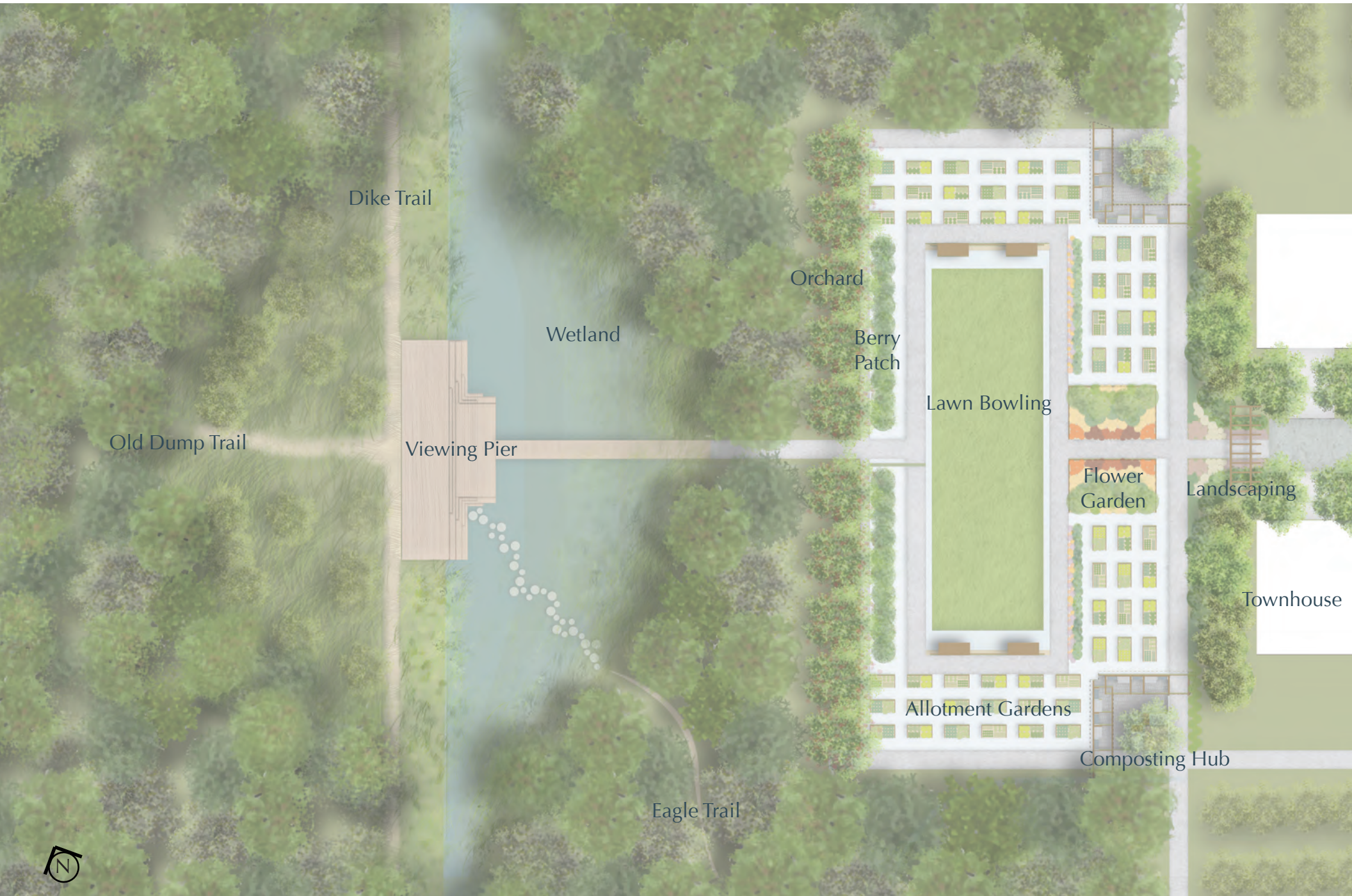


Thank You.

Questions?



Plan Grand Allotment Gardens



Plan Produce Swap Plaza



Plan Nursery & Compost Education

