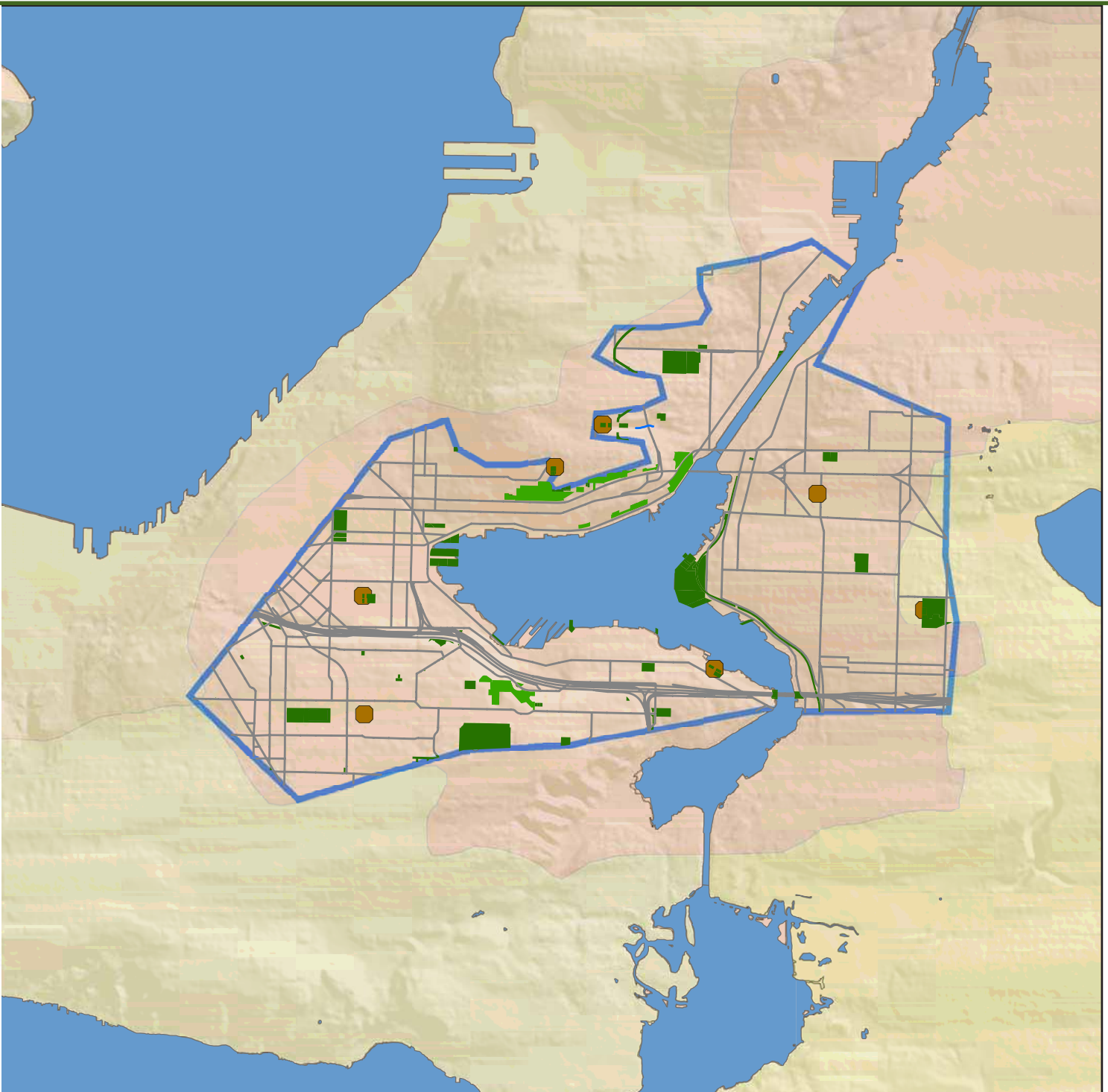


# LAKE UNION STUDY AREA



**OPEN SPACE SEATTLE 2100**

Designing Seattle's Green Network for the next century

**Ridge to Shore**

Concept Summary

- The Lake Union concept uses two open space rings to promote awareness and stewardship of the green spaces between the ridge line and waters edge. We envision an elegant and efficient system that unifies cultural and ecological values, resources and opportunities.

Goals

- Create awareness of the sub basin and improve its quality
- Promote human social and wildlife habitats
- Establish a hierarchy of green infrastructure
- Create opportunities for flexible and varied transportation.

Access

- 5 minute walk to pocket park, p-patch, commercial zone for necessities, visual access to water.
- 5 minute bike ride to a community park, farmers market, urban village center, place to touch water, high water or ridge loop.
- 5 minute public transportation to a destination park, urban farm, adjacent urban village, public waterfront.

**The Green Zone: 100% in 100 years!**

- 100 years to achieve 100% contiguous green space in a private and public mixed use zone.
- Equal mix of zone qualities promoted and eventually required on all development in the space over 100 years
  - economically robust
  - Natural and ecological vitality
  - Equitable access to zone amenities by civic community

Implementation of this long term strategy and vision will occur via a mix of requiring zone qualities on all new development, public land acquisition, policy incentives for all existing development, public land acquisition, policy and monetary incentives to build a unique, high traffic, accessible zone attractive to private investment.

The Green Zone will be a unique designation in the city with, possibly, its own tax base or municipal guiding body or it could simply be an area that has been incentives to meet its zone quality goals.

### Acquisition Strategy

Due to the intention to keep the Green Zone a mix of public and private use, acquisition strategies will focus on two objectives:

- Address DNR’s current land management of Lake Union shore line
  - Discuss applying 100 year goal of Zone Concept going forward under DNR ownership.
  - Acquisition of property from DNR to Zone Body
  
- Build list and continue targeting over 100 years properties of interest for public acquisition
  - List to be reviewed every 5 years and added to
  - Acquisitions of public lands will be based on availability of funds property.

### Funding Strategies

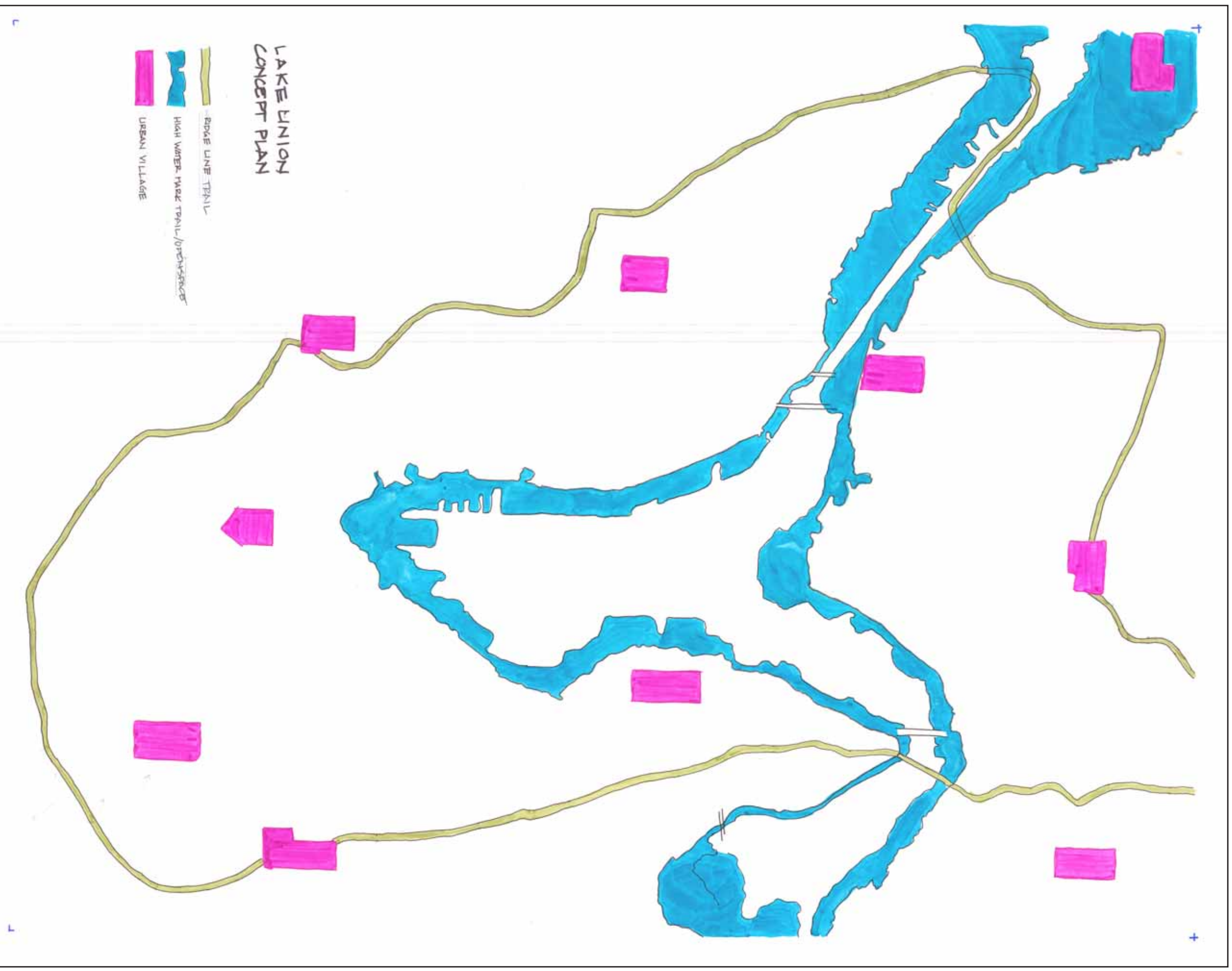
Funding strategies will be driven by the key idea that funding mechanisms that encourage and create opportunities for change or that create long term revenue streams, will be utilized most actively.

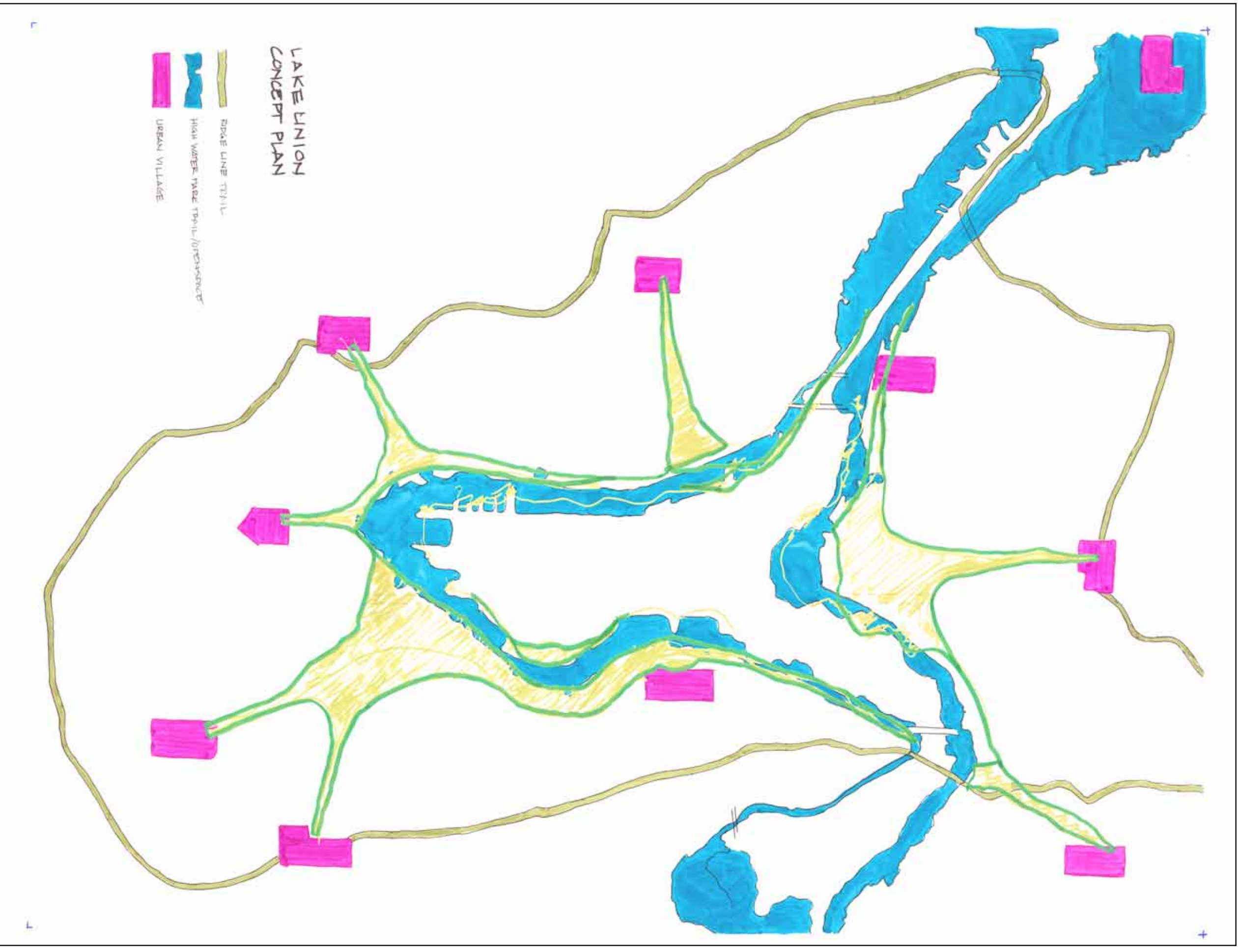
- Creative use of small neighborhood L.I.D.s
  - Example: cul-de-sac could apply for an LID, but to be eligible would need to agree to implement 1- 3 projects that would support or connect them to the Green Zone.
    - Example: opening up street ends to view vistas, community gardens or trails.
    - Example: green roofs
  
- T.I.F. ‘s
- Ecological compensation measures
- Tax revenues
- Levy’s from long term capitol campaign

### Near Term Priorities 3-5 Years

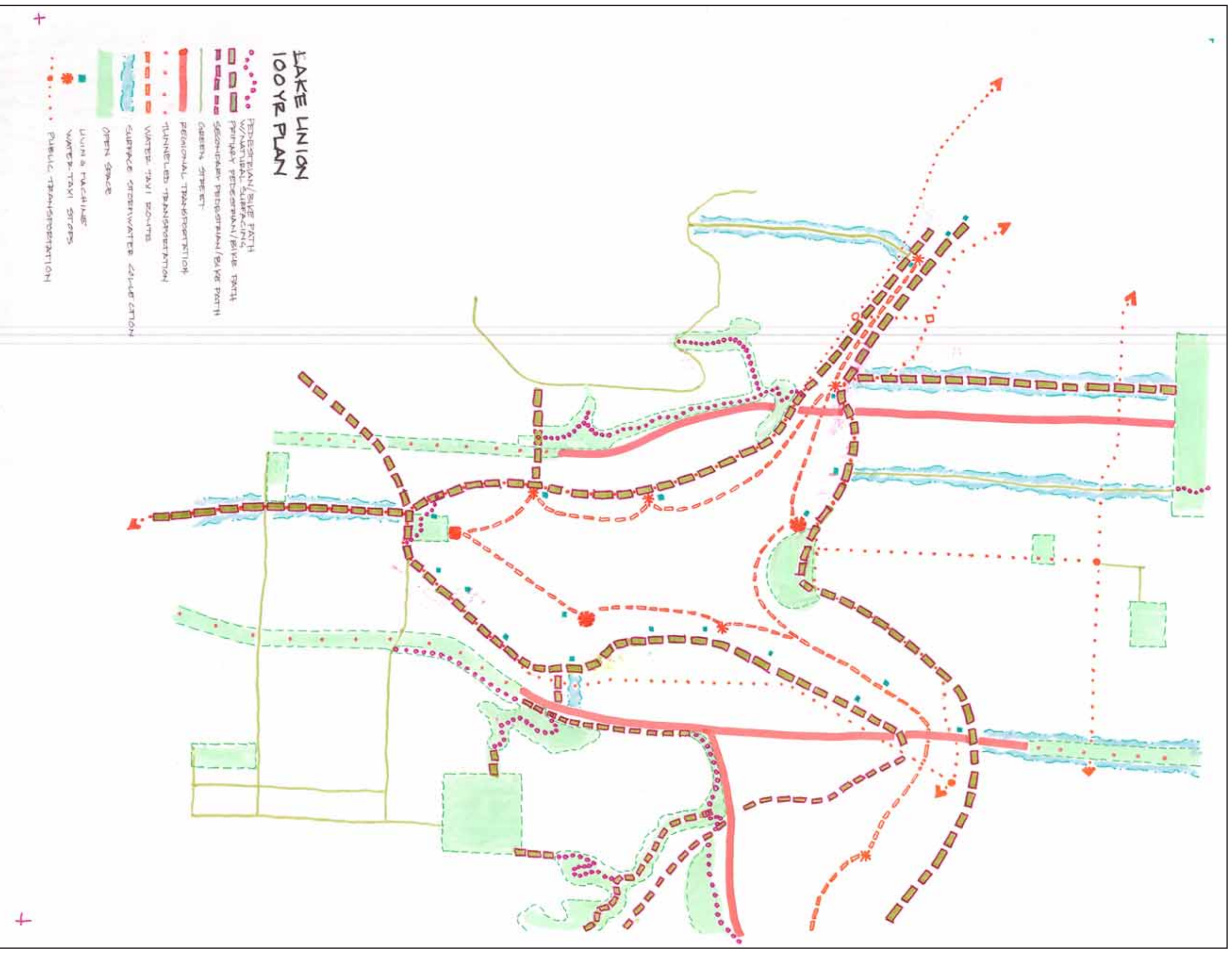
1. Publish and promote vision
  - a. Communicate vision community wide
  - b. On going marketing and education of ideals and value
  
2. Secure buy-in from key public, private, government partners.
  
3. Identify policy barriers to 100 year vision
  - a. Near term changes to achieve
    1. Stop expansion of impervious surfaces in zone; consider banking surfaces for use elsewhere.
    2. pass residential construction incentives to promote green technology: green roofs, solar, water collection.
    3. Zoning changes to allow and increase urban agriculture
    4. Initiate incentives for new private development to utilize green technologies.
  
4. Identify and inventory properties in Green Zone.
  - a. Create a “watch” list of properties to bring under zone management as soon as possible. Revisit list every 5-10 years over course of project.
    1. NOAA
    2. Edgar Street, mallard Cove path connection
    3. Maclean Park and Trolley Hill Park
    4. AGC to Freemont trail connector
    5. Underwater park in Southeast Lake Union
    6. Sand and gravel property
    7. Northlake shipyard
    8. Lakeview sliding property
  
5. Identify Funding barriers and funding mechanisms
  - a. Consider a Levy to be passed in 3-5 year time frame
  - b. Consider LID for acquisition of green Zone properties.
  
6. return to community throughout to rejuvenate commitment to achieving the vision and to communicate successes.
  - a. Promote long term commitment
  - b. Promote near term and long term investment



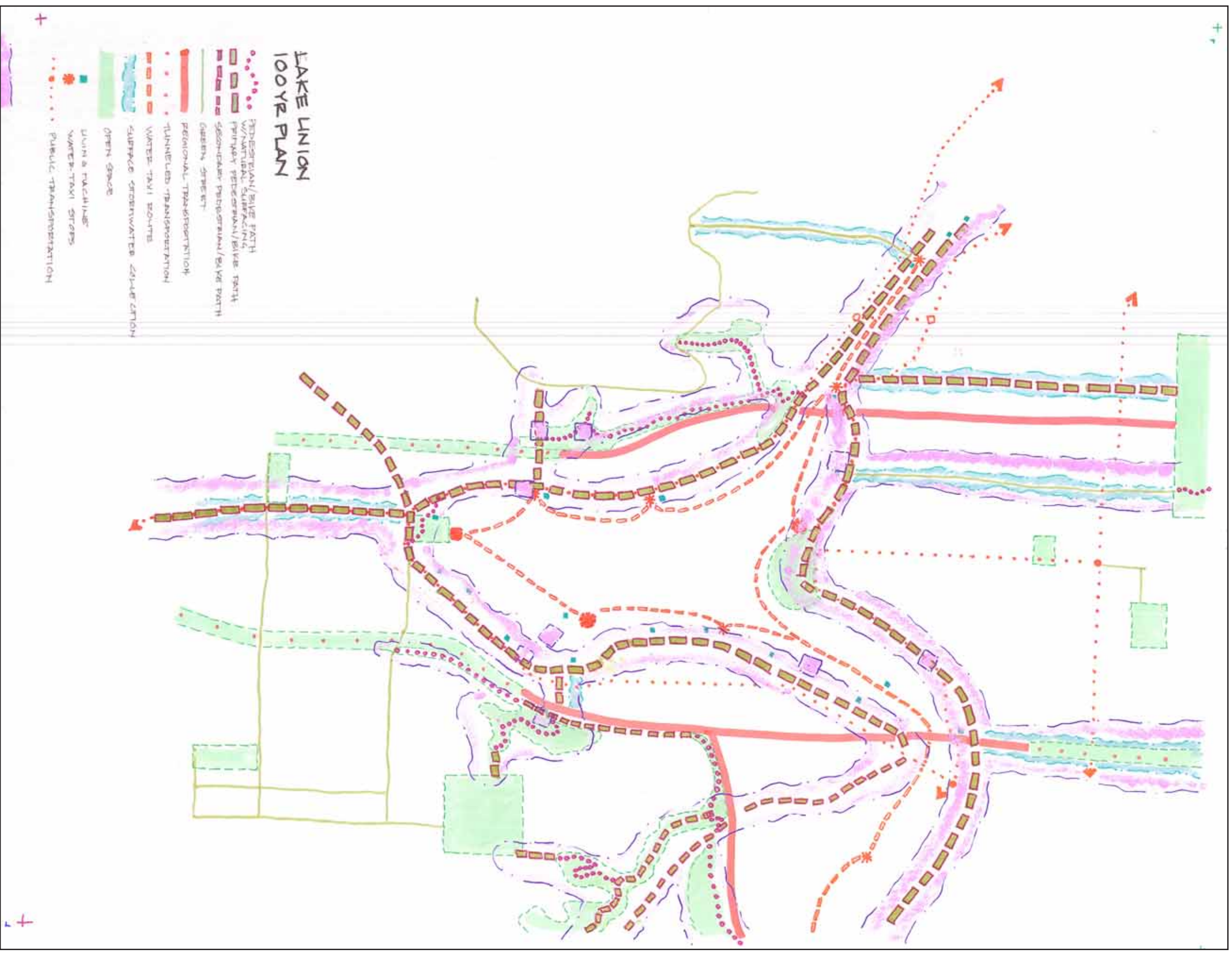




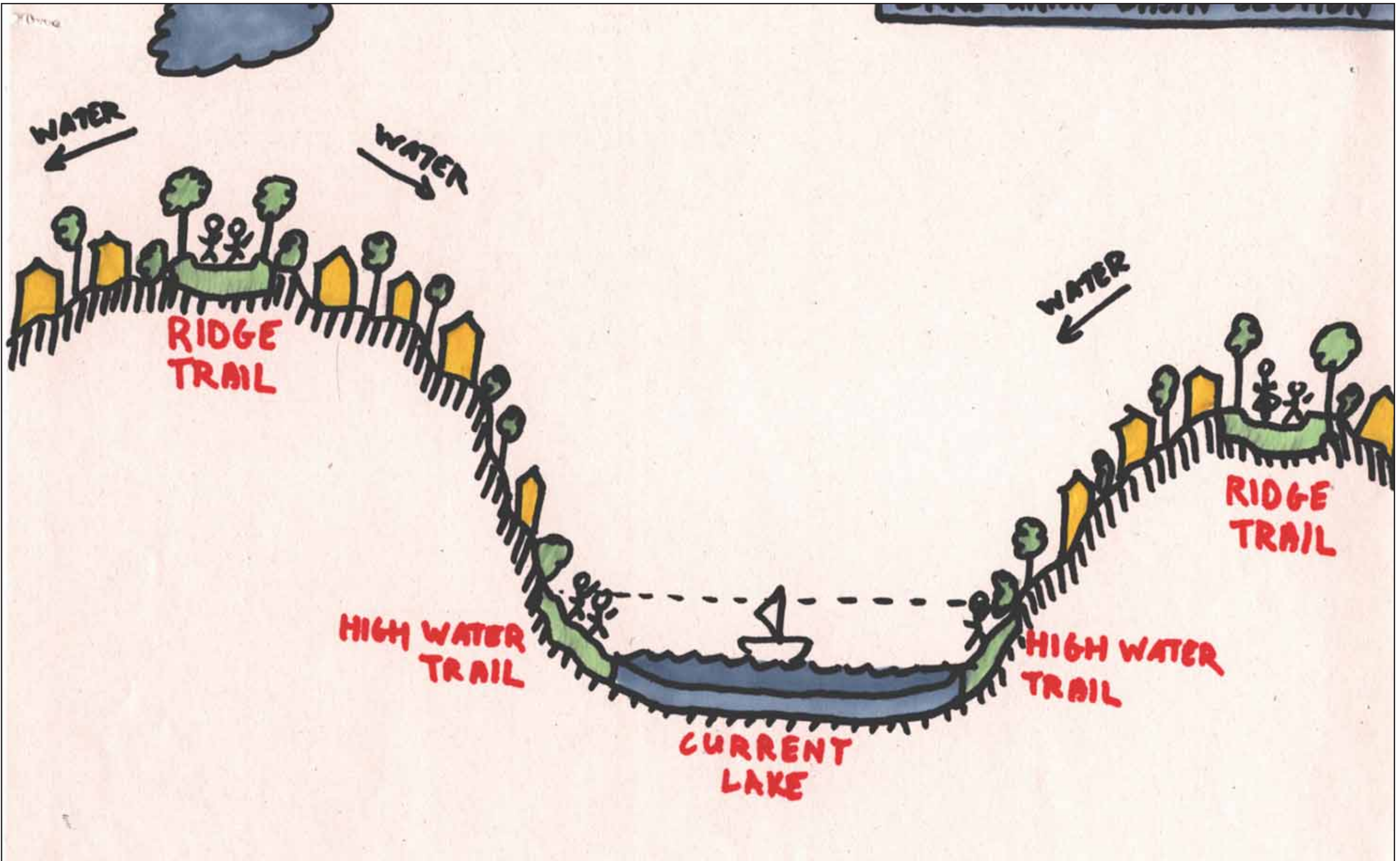










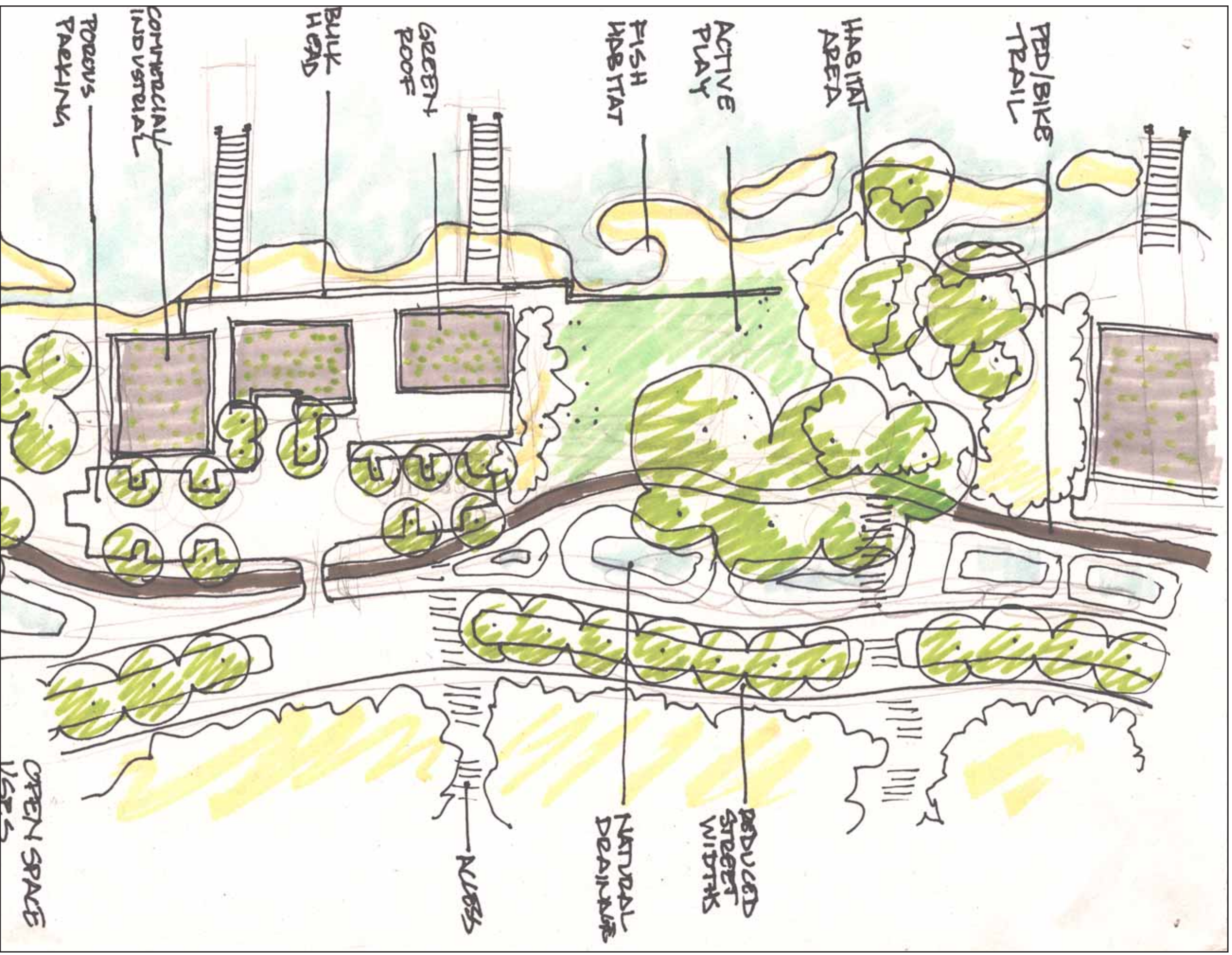




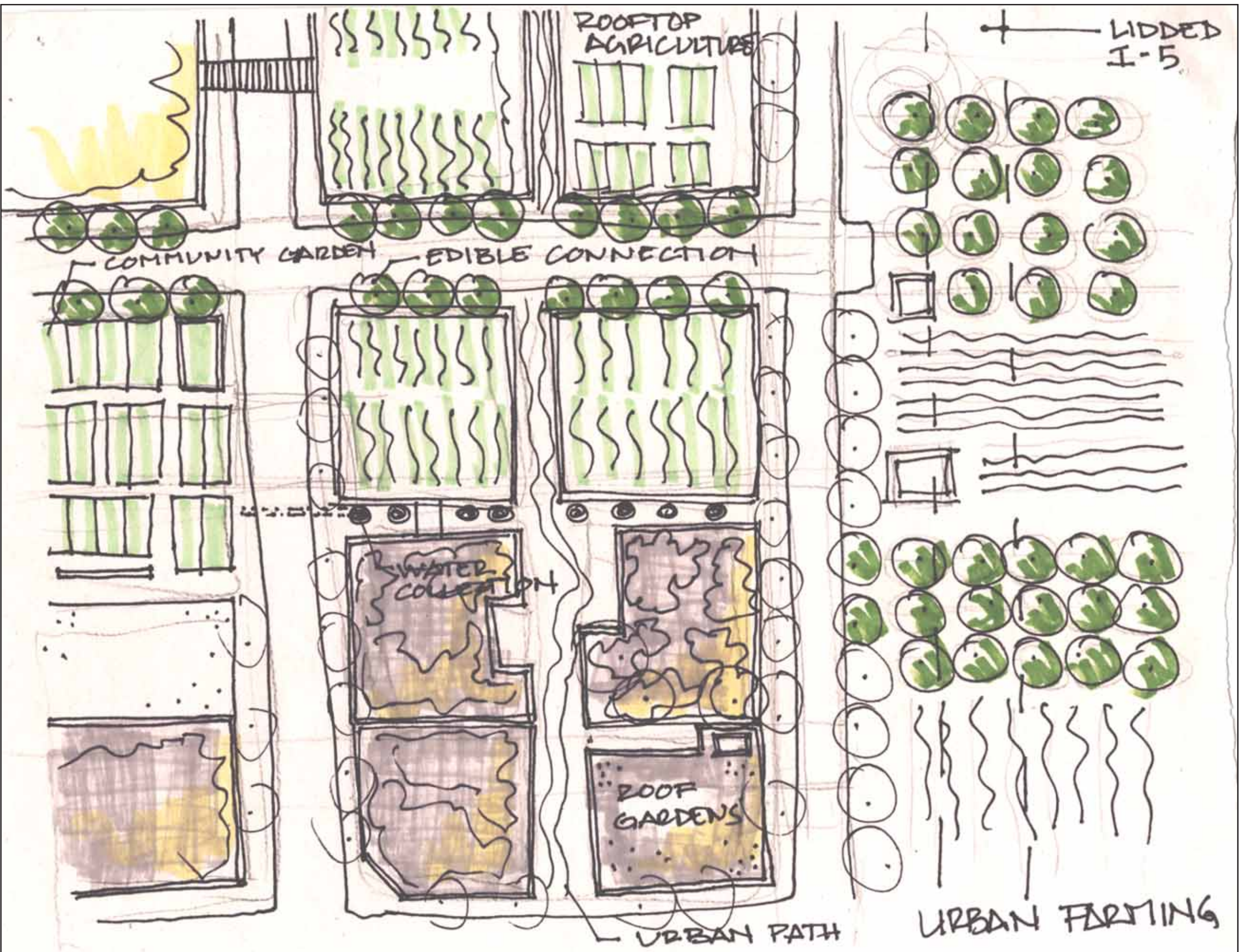
SECTION OF LAKE UNION BASIN



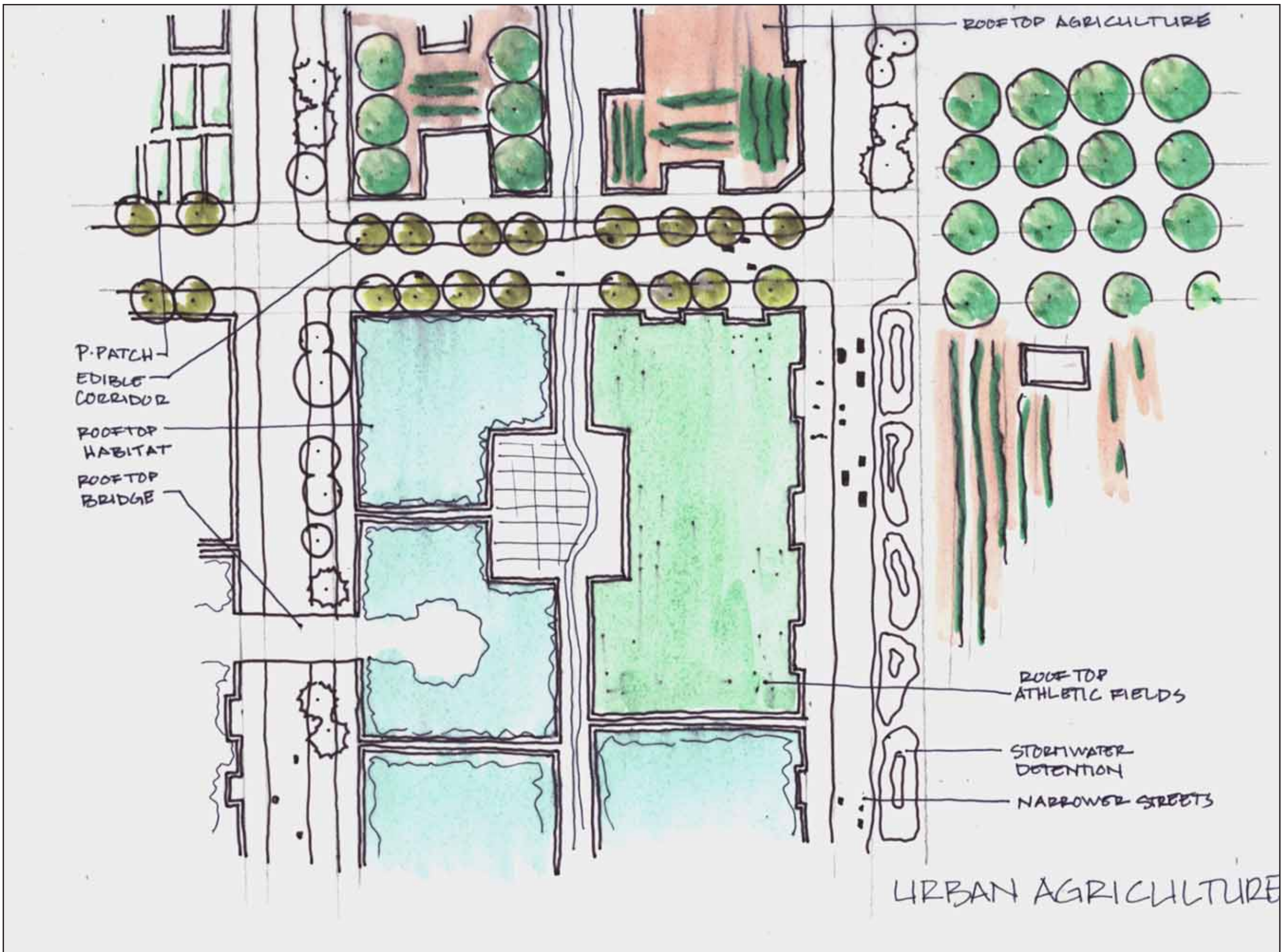








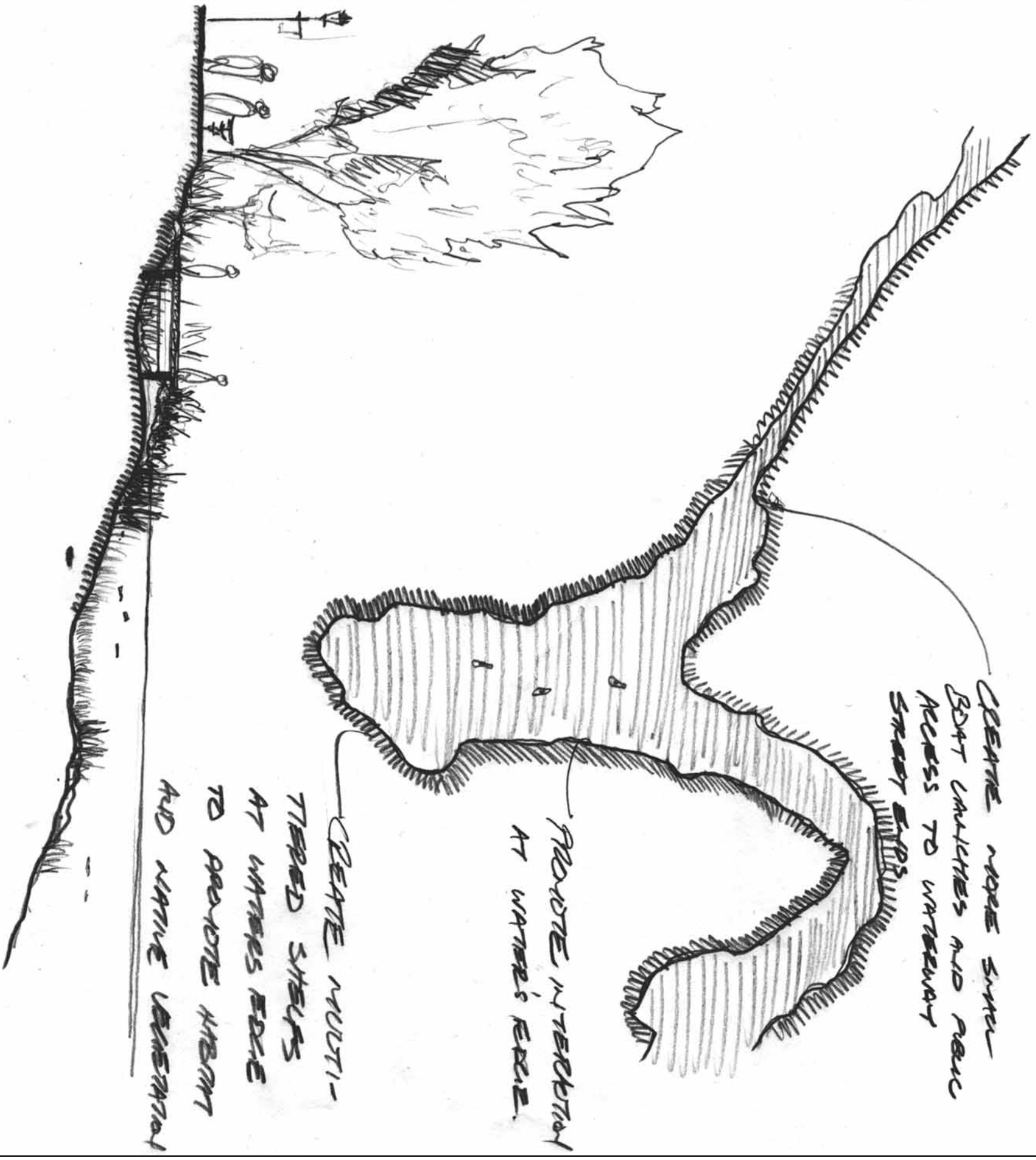








# LAKE UNION AS OPEN SPACE

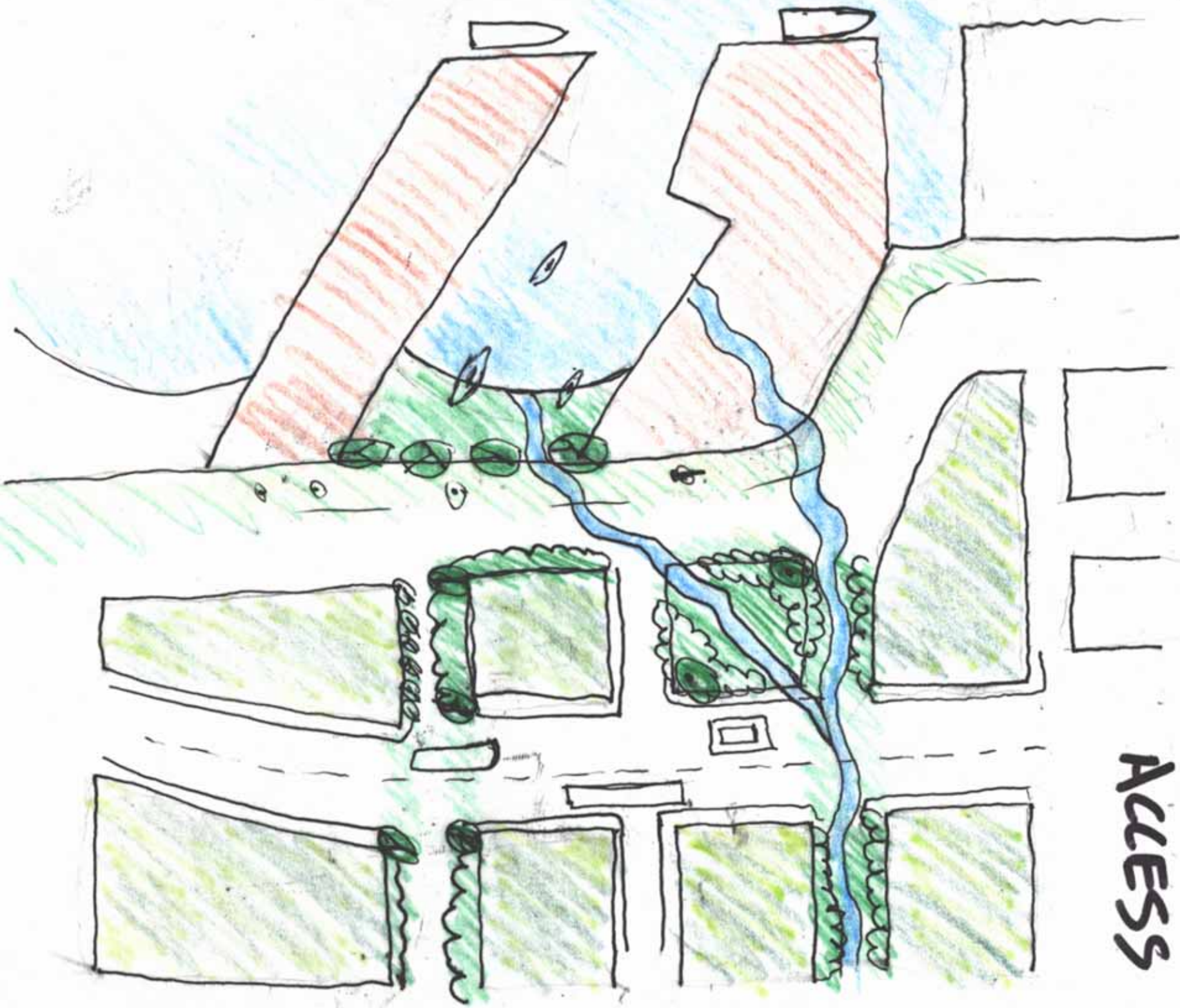


SHORELINE VEGETATION



# GREEN-ROOFED NEIGHBORHOOD WITH GREEN STREETS + WATER

ACCESS







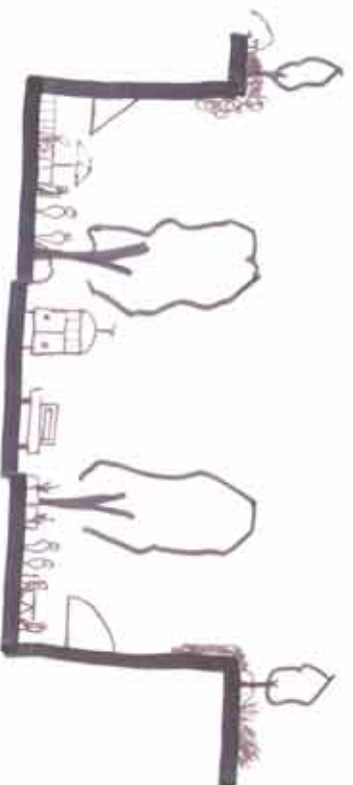


# WHAT ARE GREENWAYS?

Bio-Swale Bike Path

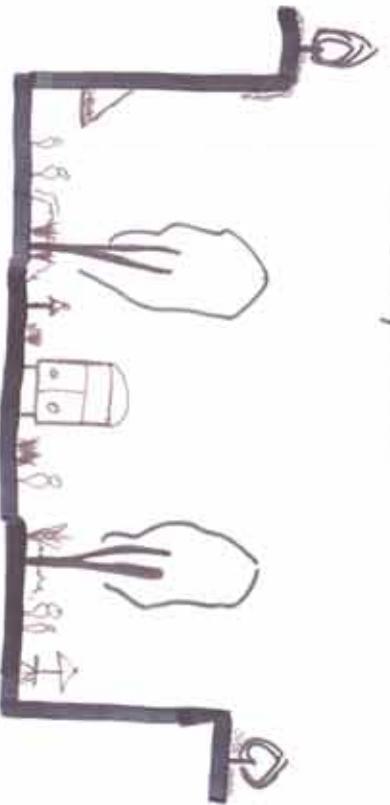


Green Street

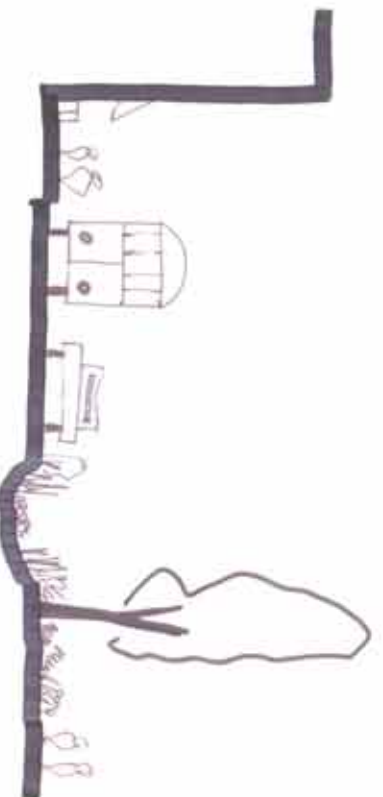


Transit and Pedestrian Mall

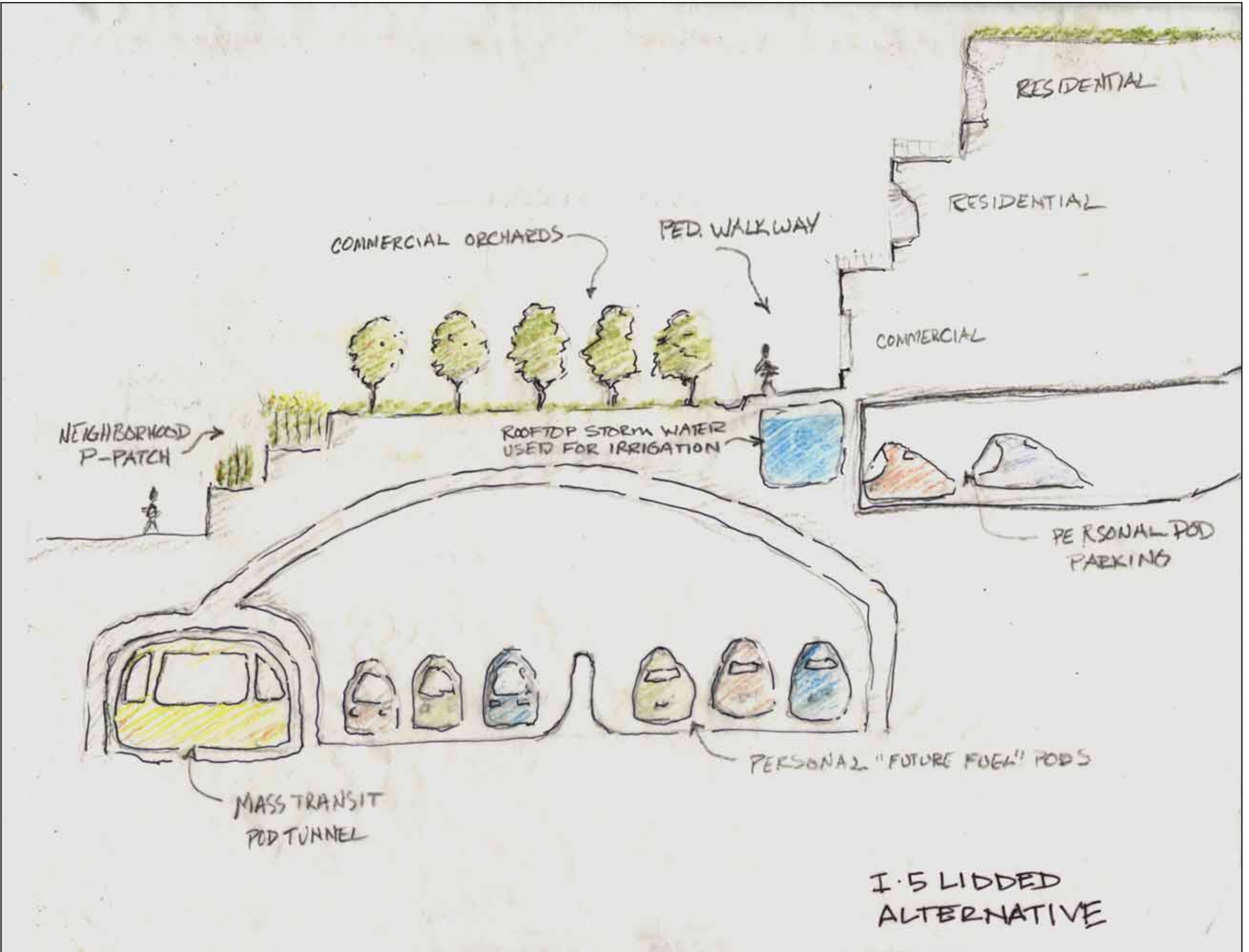
No cars permitted



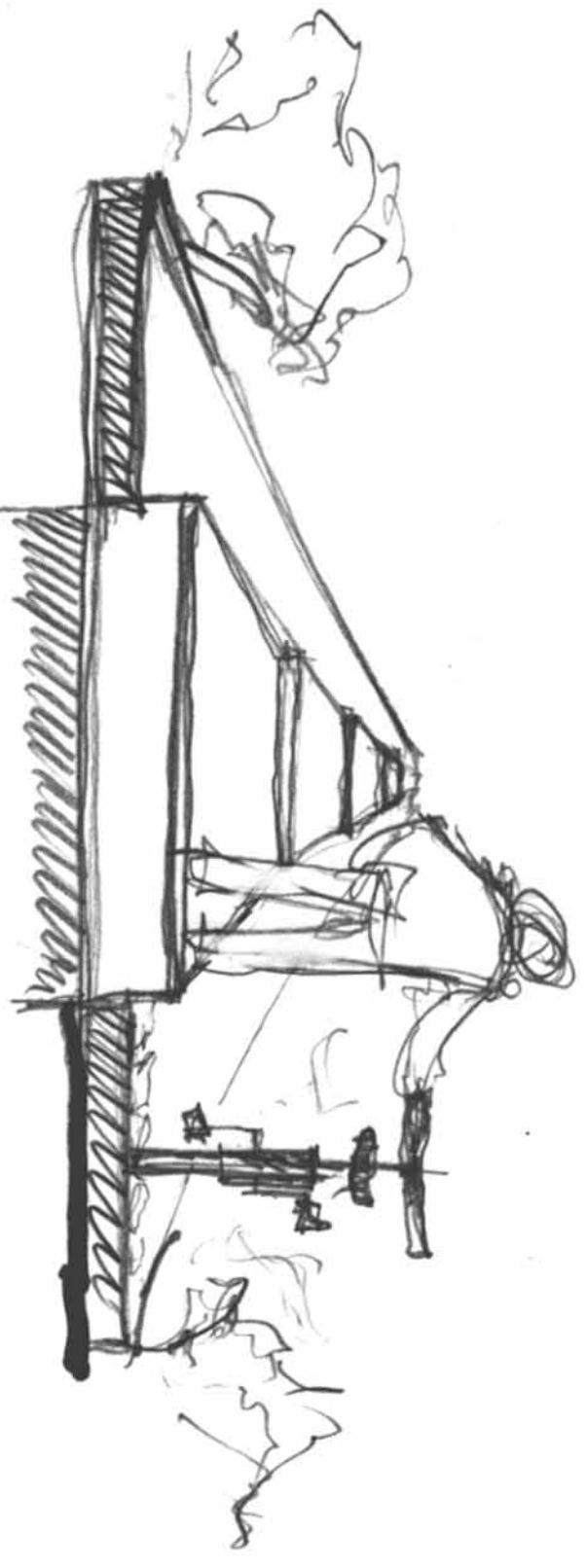
Enviroavenue







# "MORALITY"

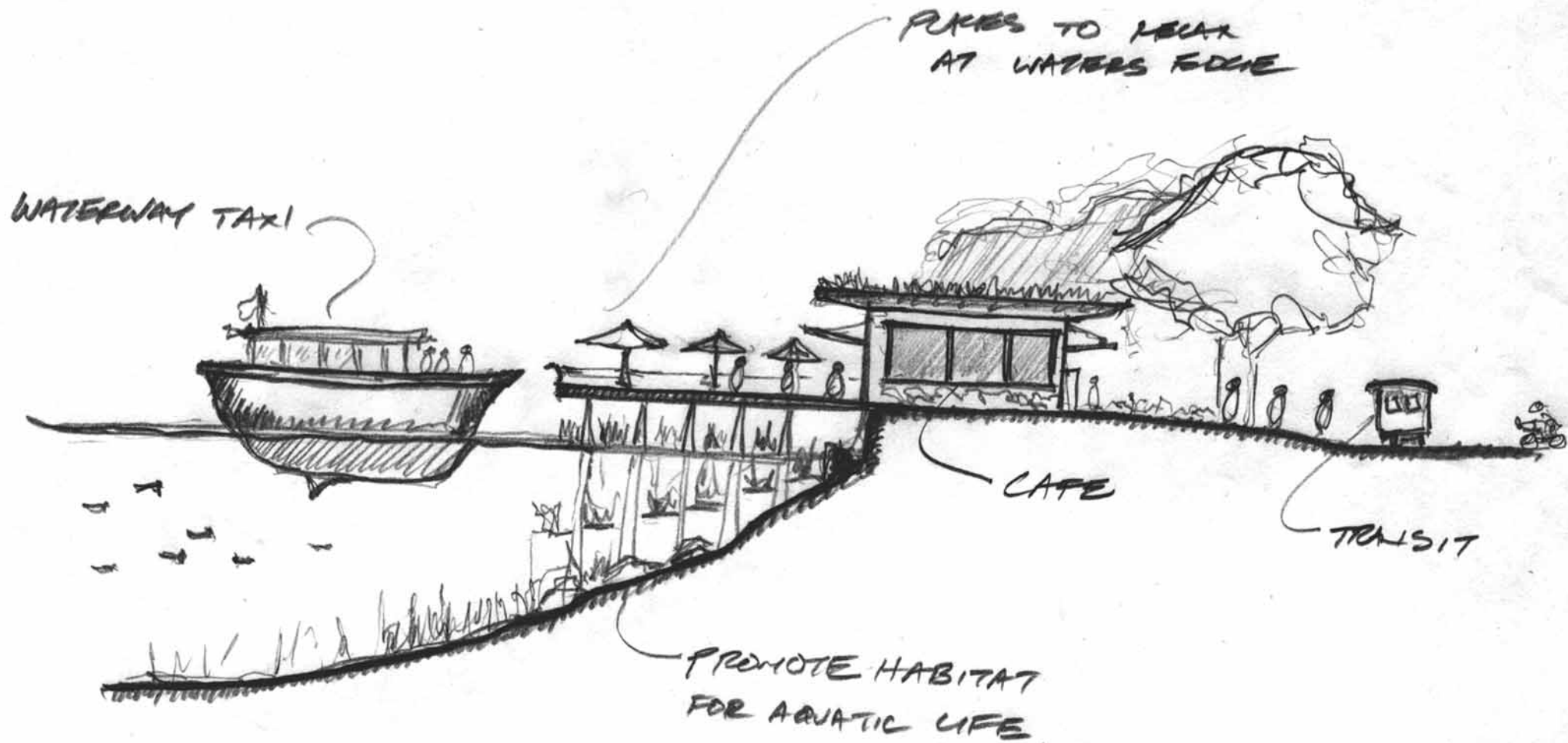


BICYCLE REPAIRS AT STEEP MEASURES.

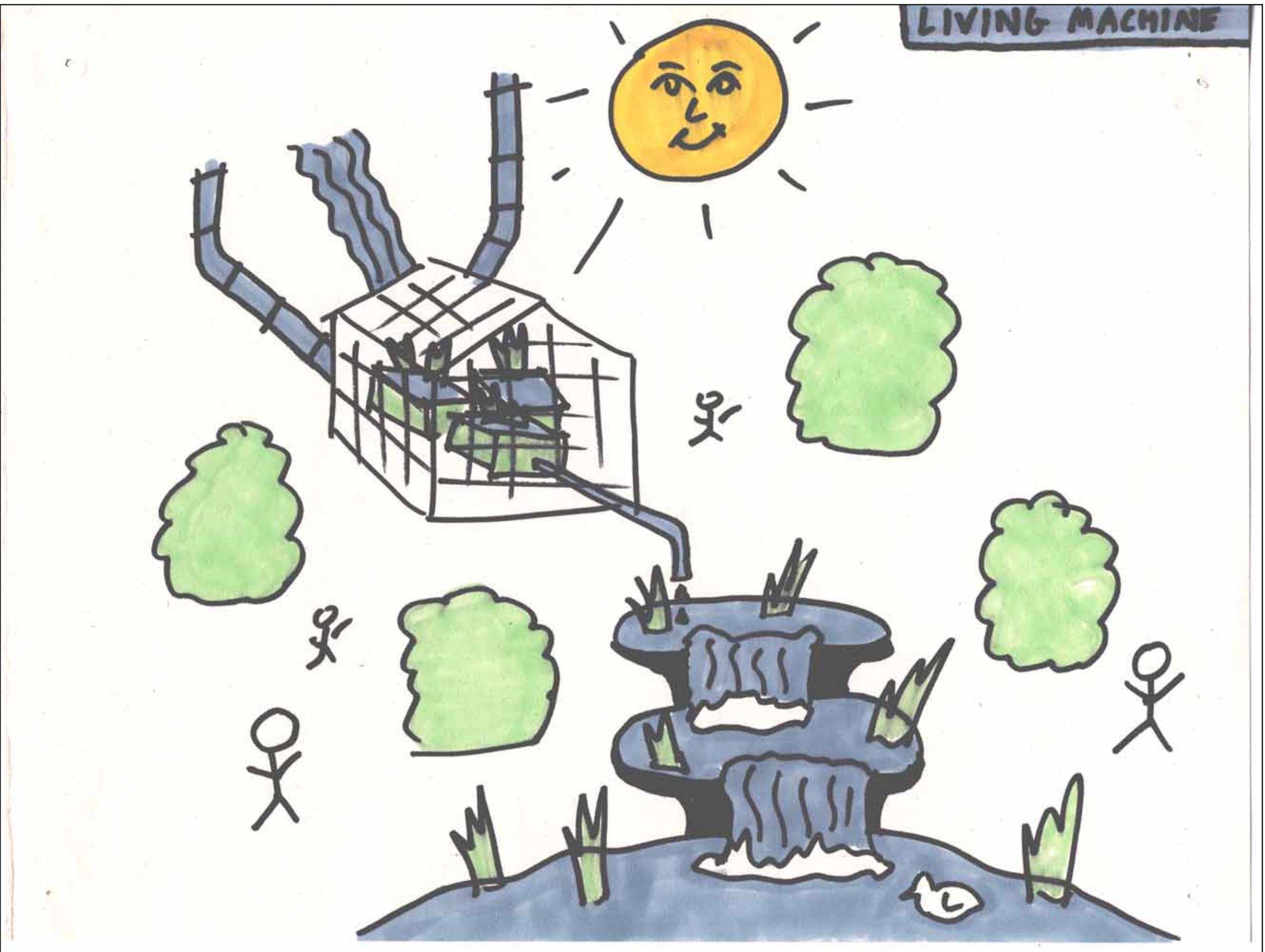
# BIKE FRIENDLY STAIRS



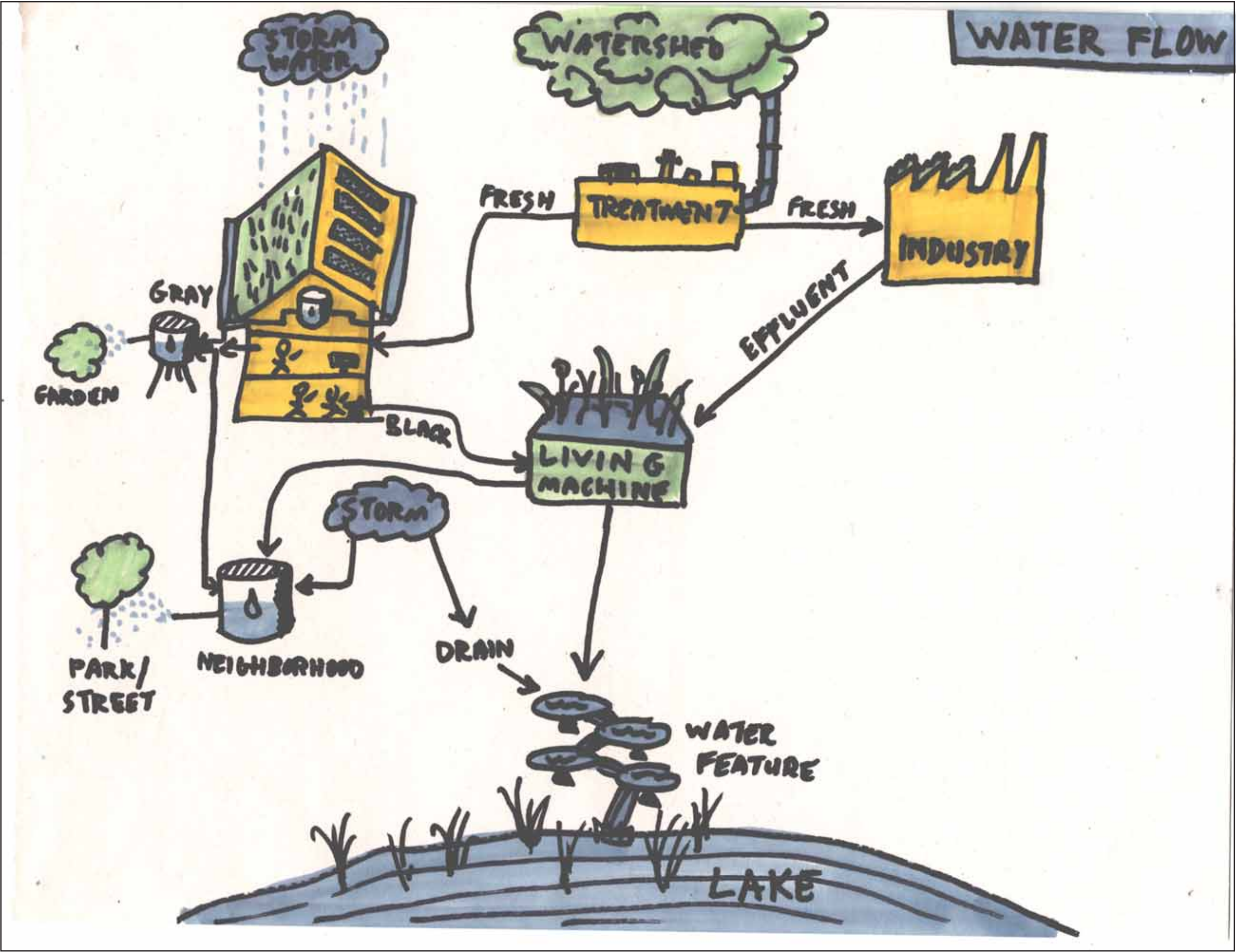
# WATER TAXIS TRANSPORT + RECREATION ♡



NEIGHBORHOOD WATER TAXI STOP









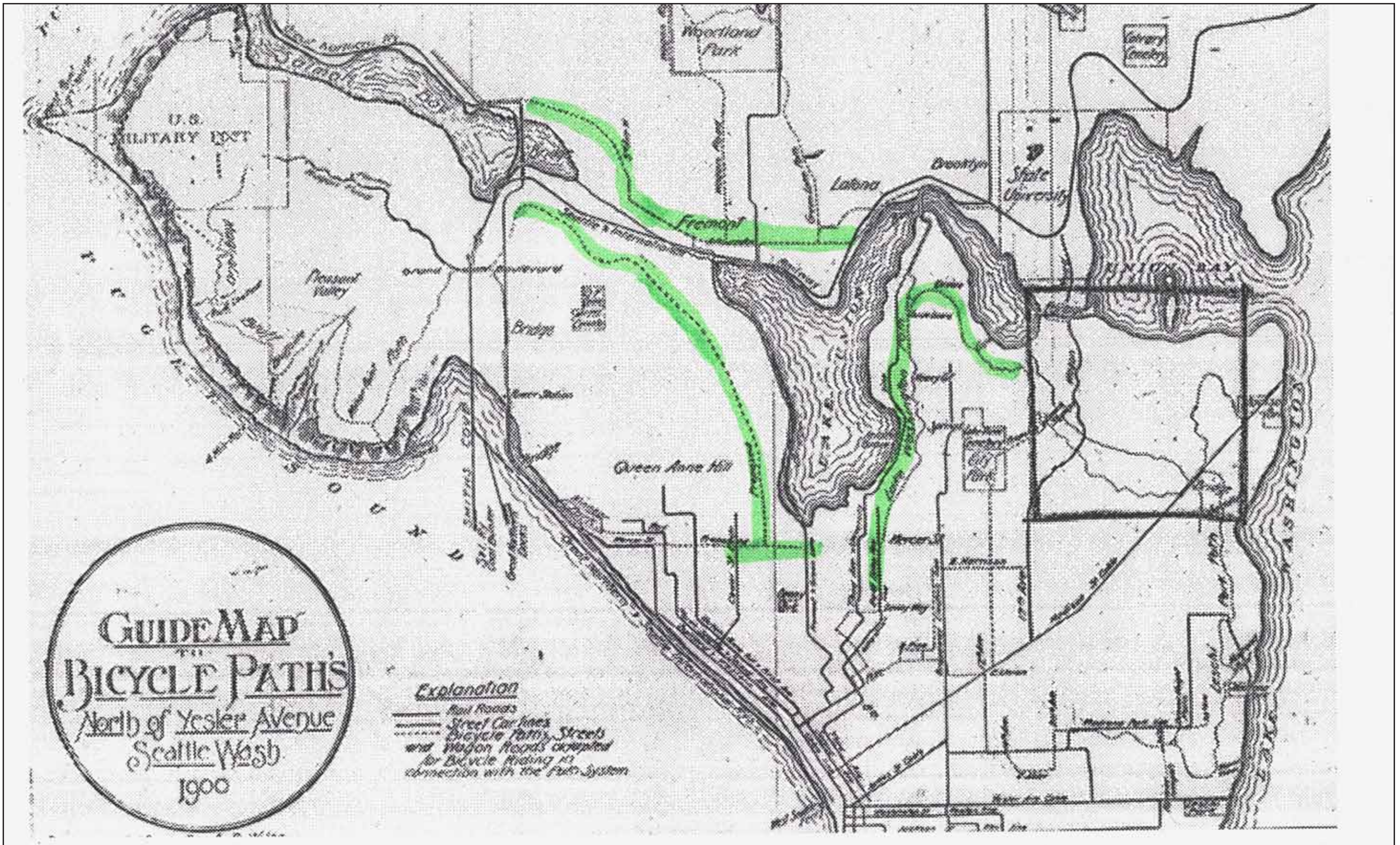


Figure 11. Cotterill Guide Map to Bicycle Paths with location of Washington Park noted by border. Source: Sherwood files, Seattle Municipal Archives.

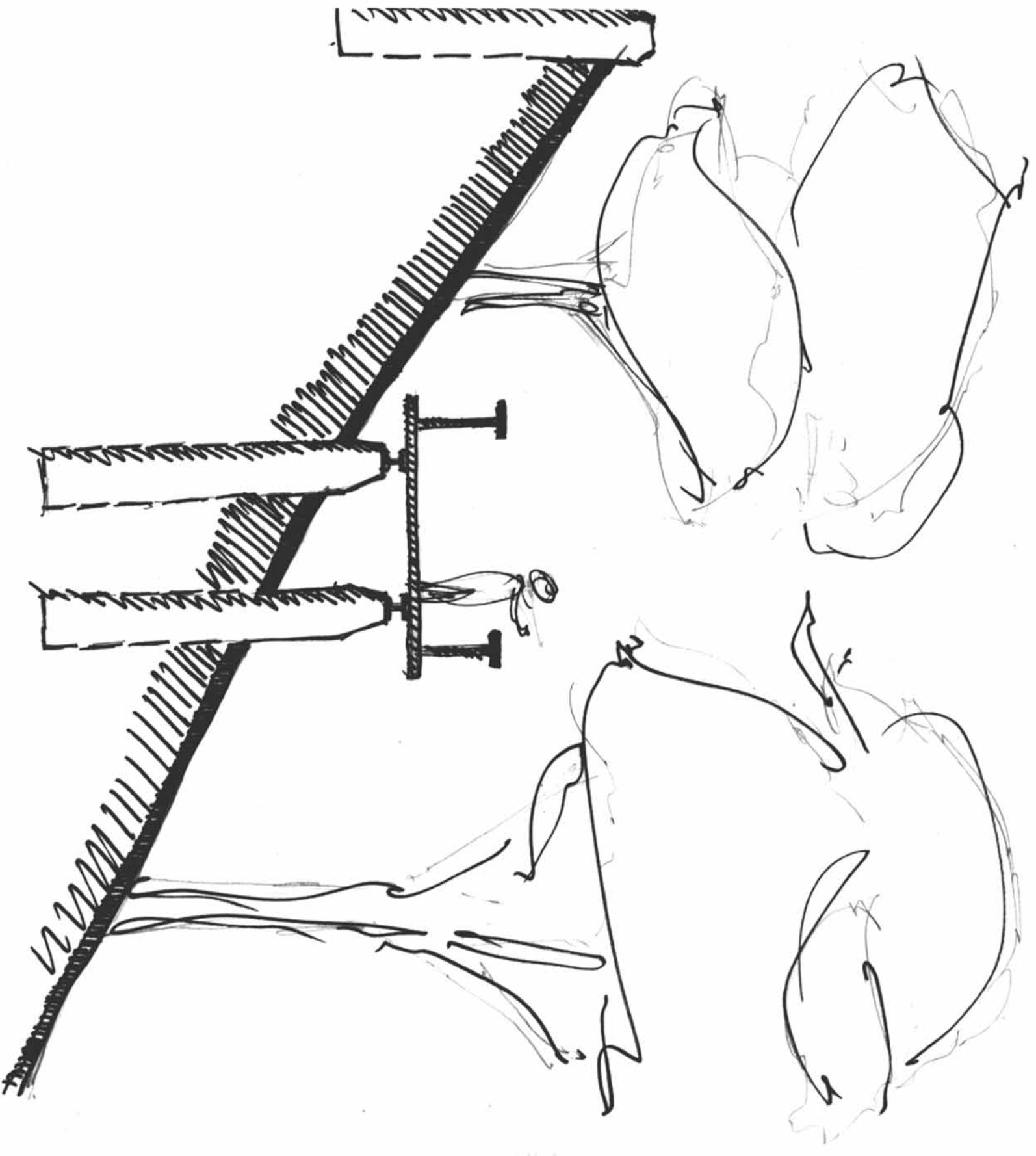


## NATURAL SURFACE TRAILS THROUGH GREEN SPACES

- PERMEABLE SURFACE ALLOWS WATER INFILTRATION,
- DESIGNED FOR APPRECIATION OF THE GREEN SPACE, NOT TRAVEL EFFICIENCY.
- MULTI-USE BIKE/HIKE
- NATURAL FEATURES SLOW BIKES AND ADD INTEREST.
- ROCK RETAINING + TREAD BASE STABILIZE HILL SIDE AND PROVIDE LOW MAINTENANCE.



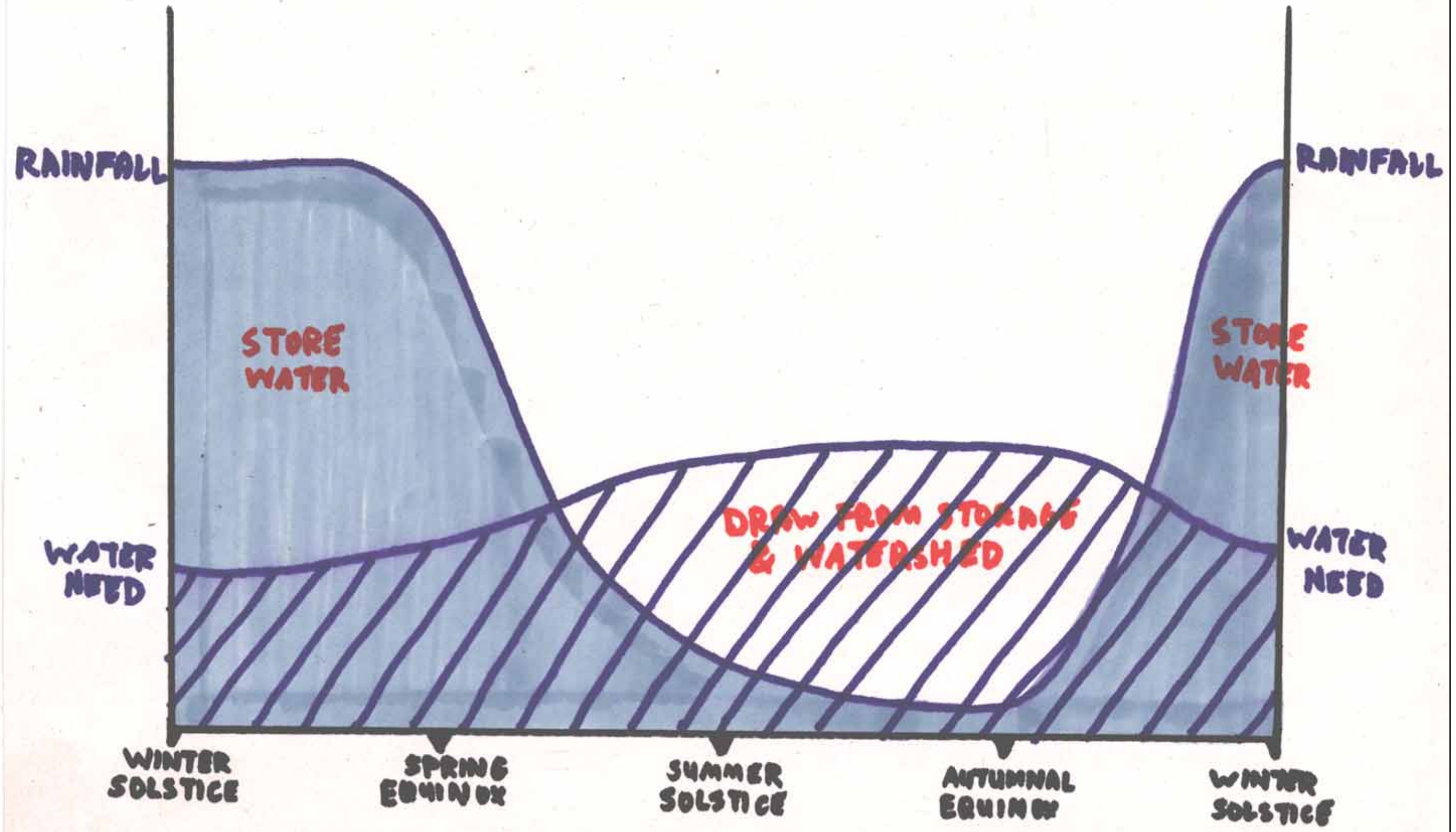
TRAILS AT  
COLONNADE  
PARK



SLOPE STABILIZATION & CANOPY WORK



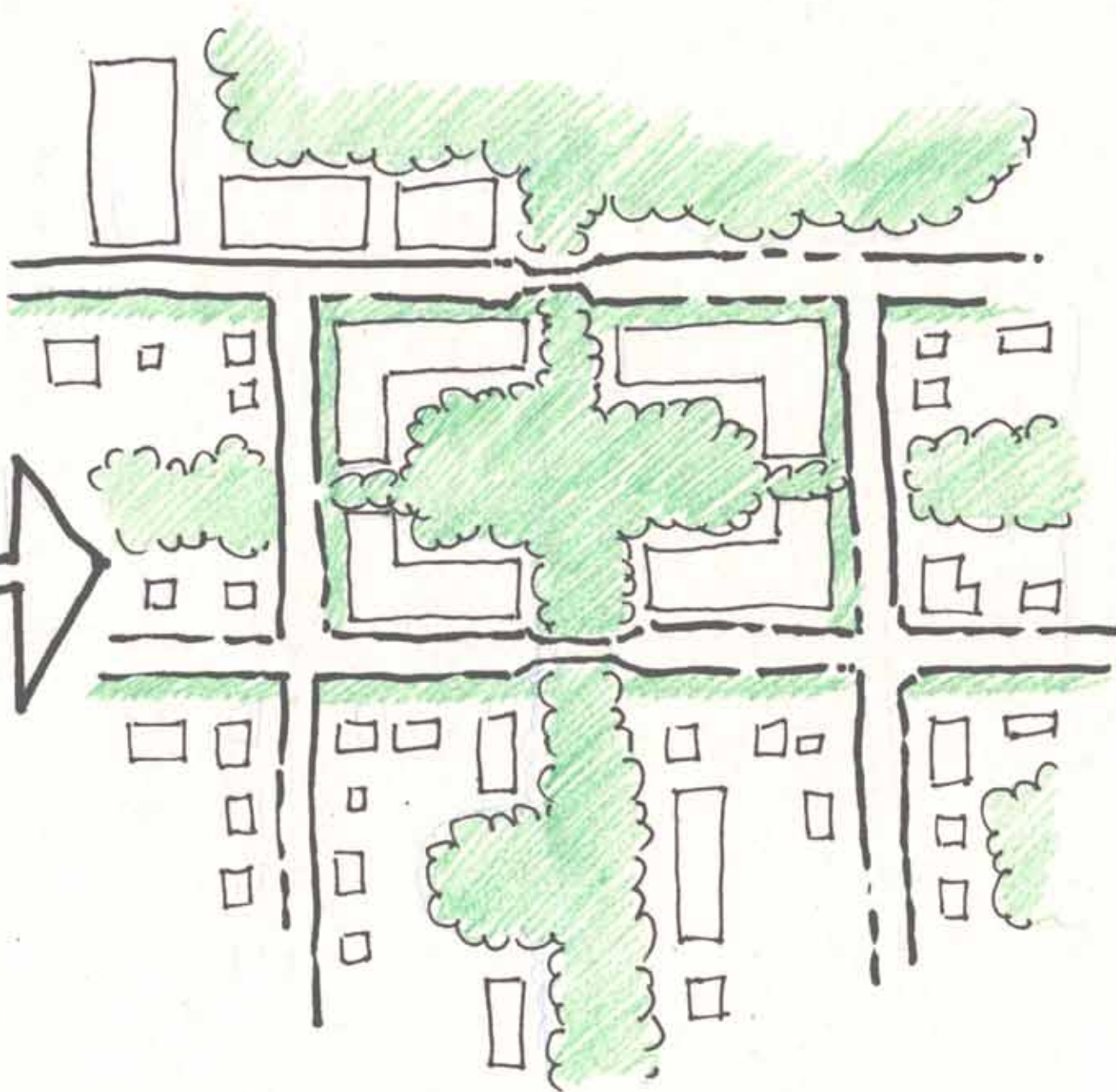
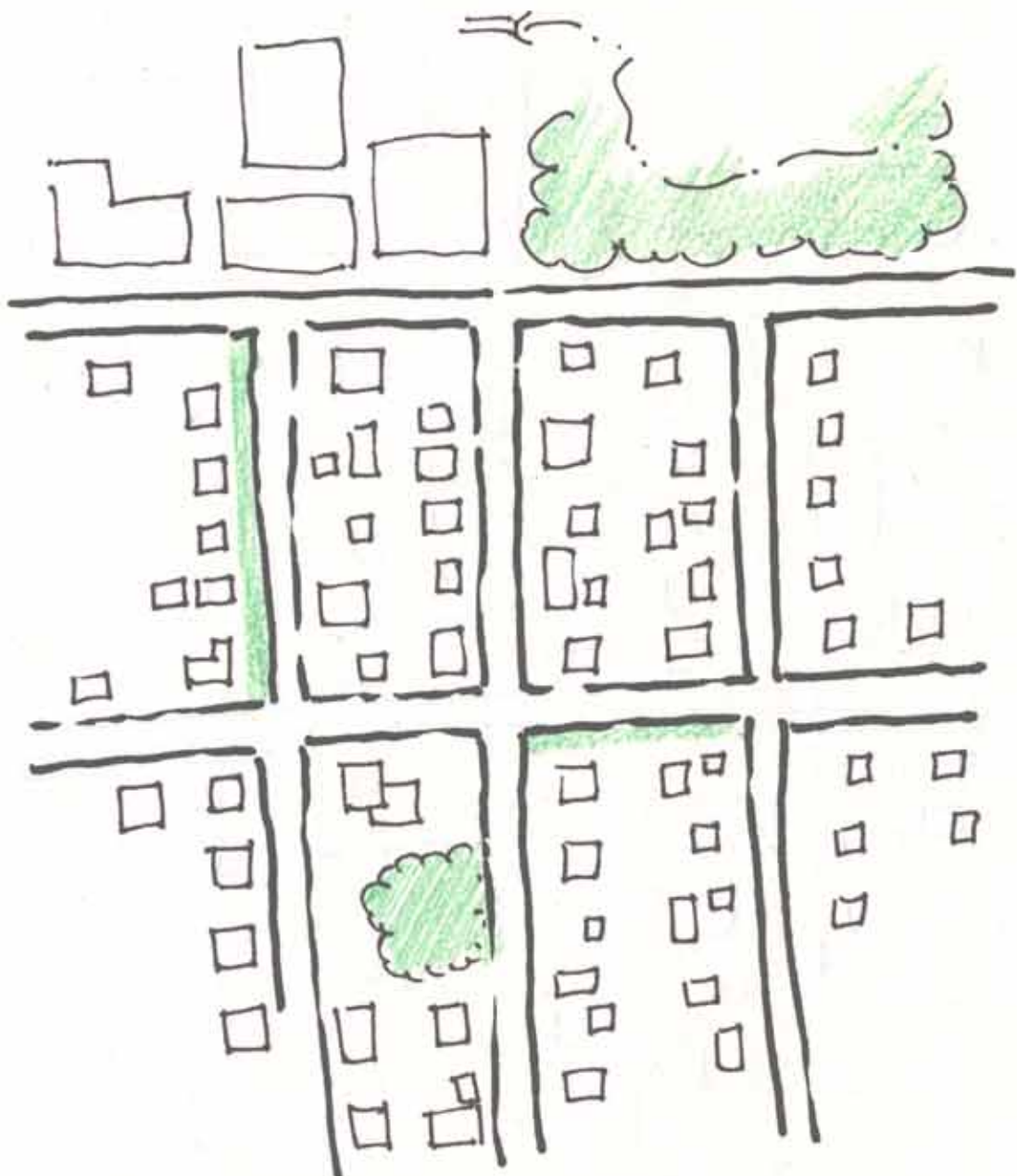
# ANNUAL WATER BALANCE





100 YEAR

ACQUIRE PIECES TO FORM CONNECTIONS





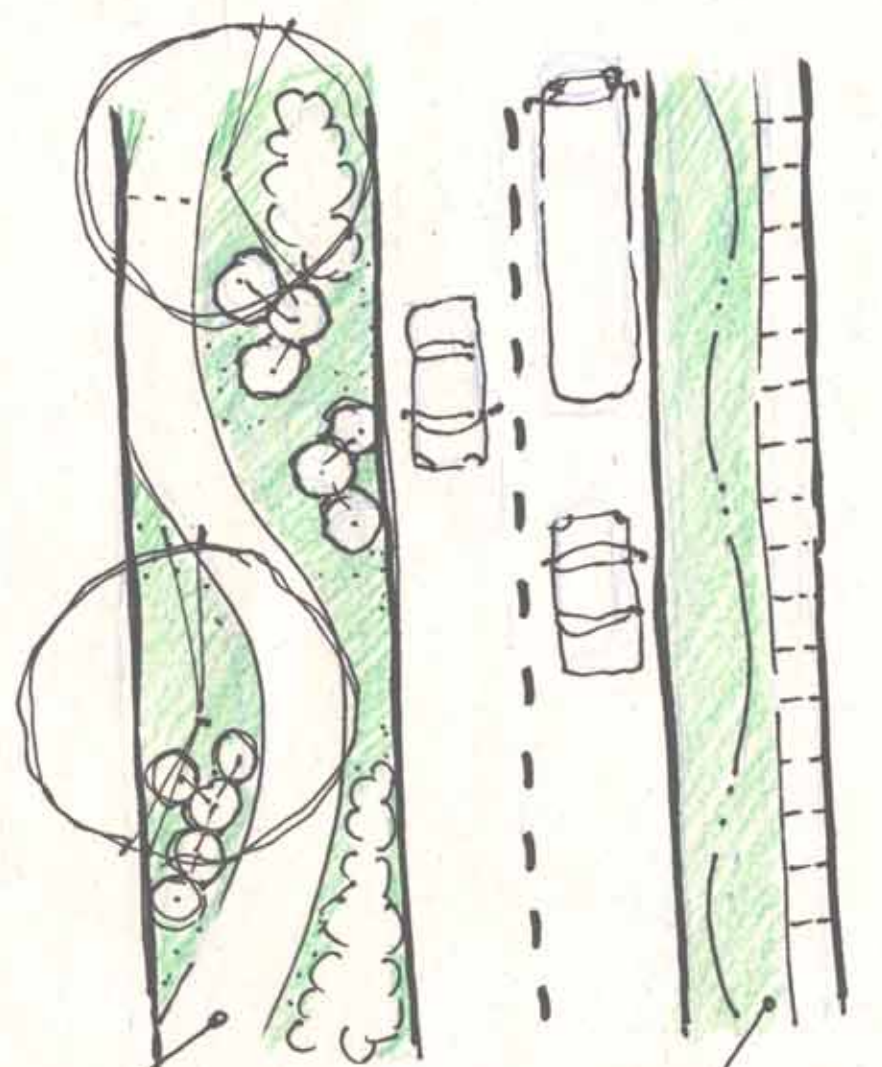
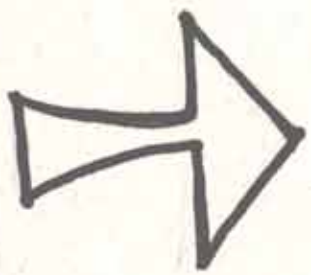
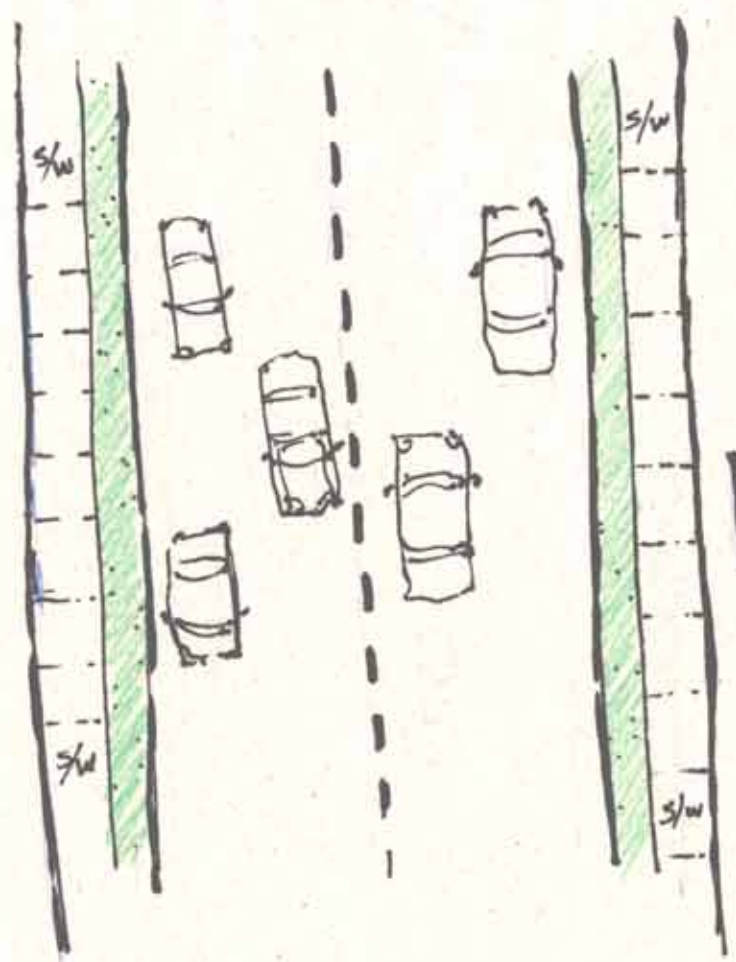
20 YEAR

TRANSFORM

TYPICAL

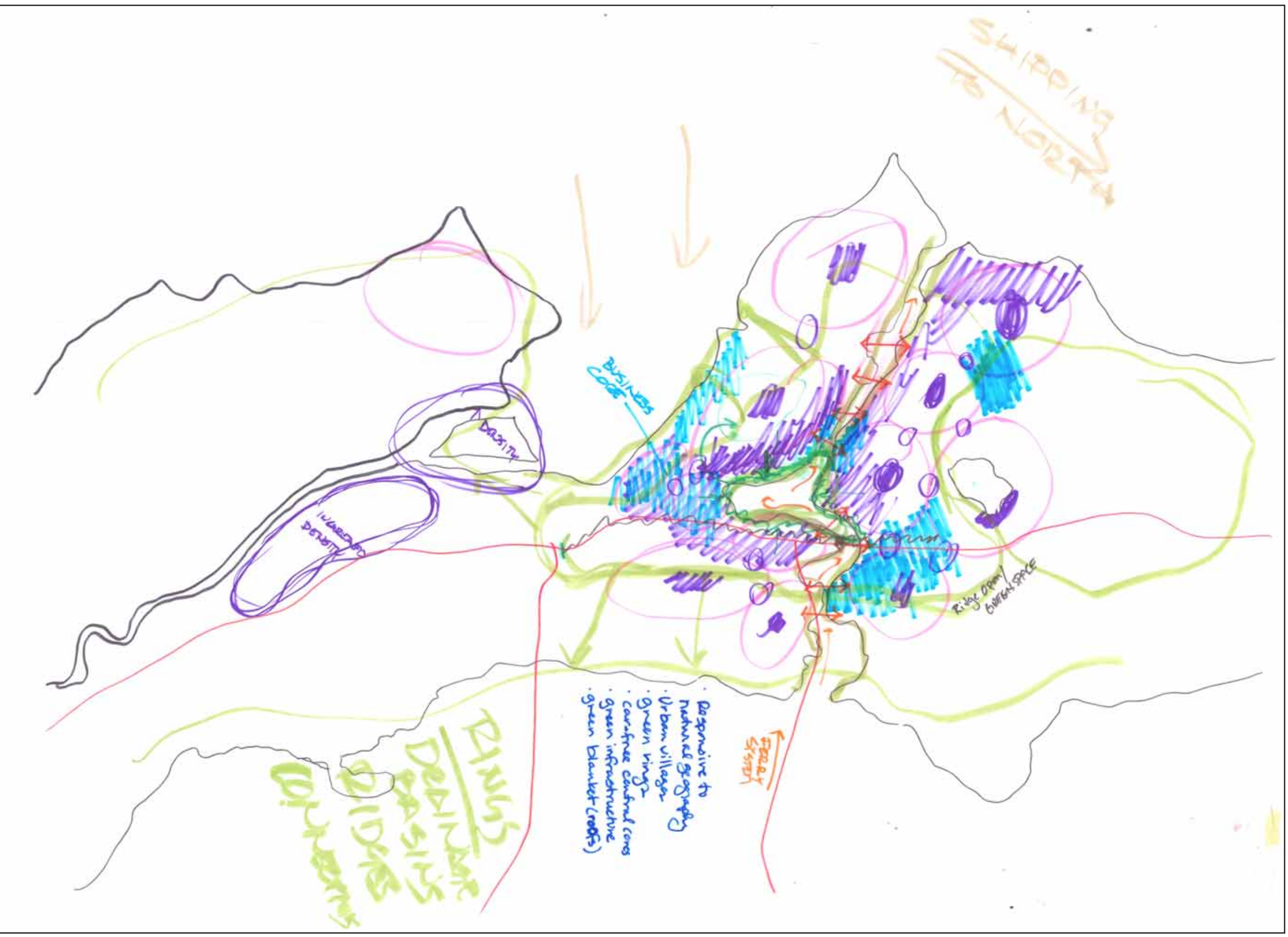
TO

GREEN

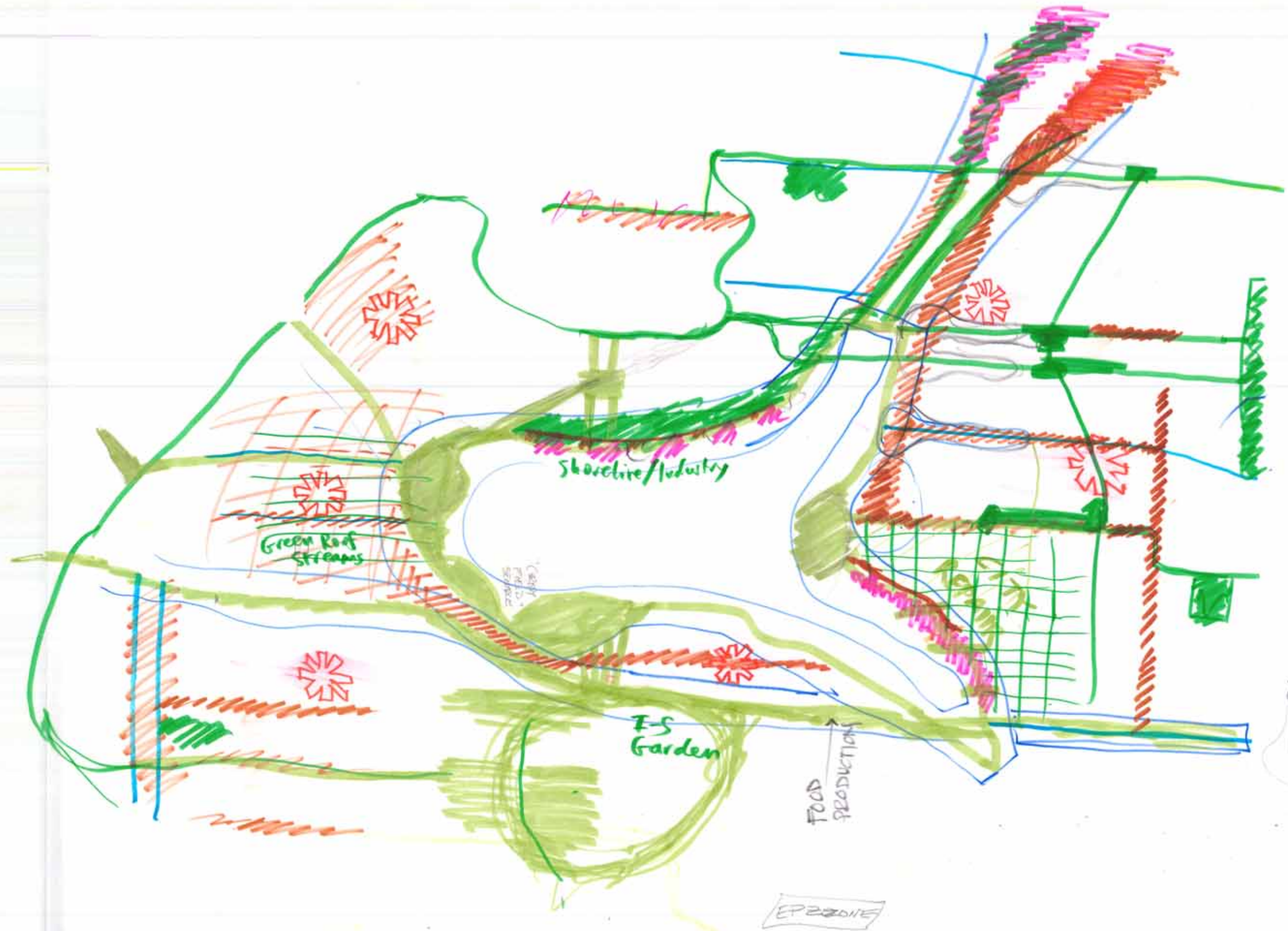


MULTI-USE PATH

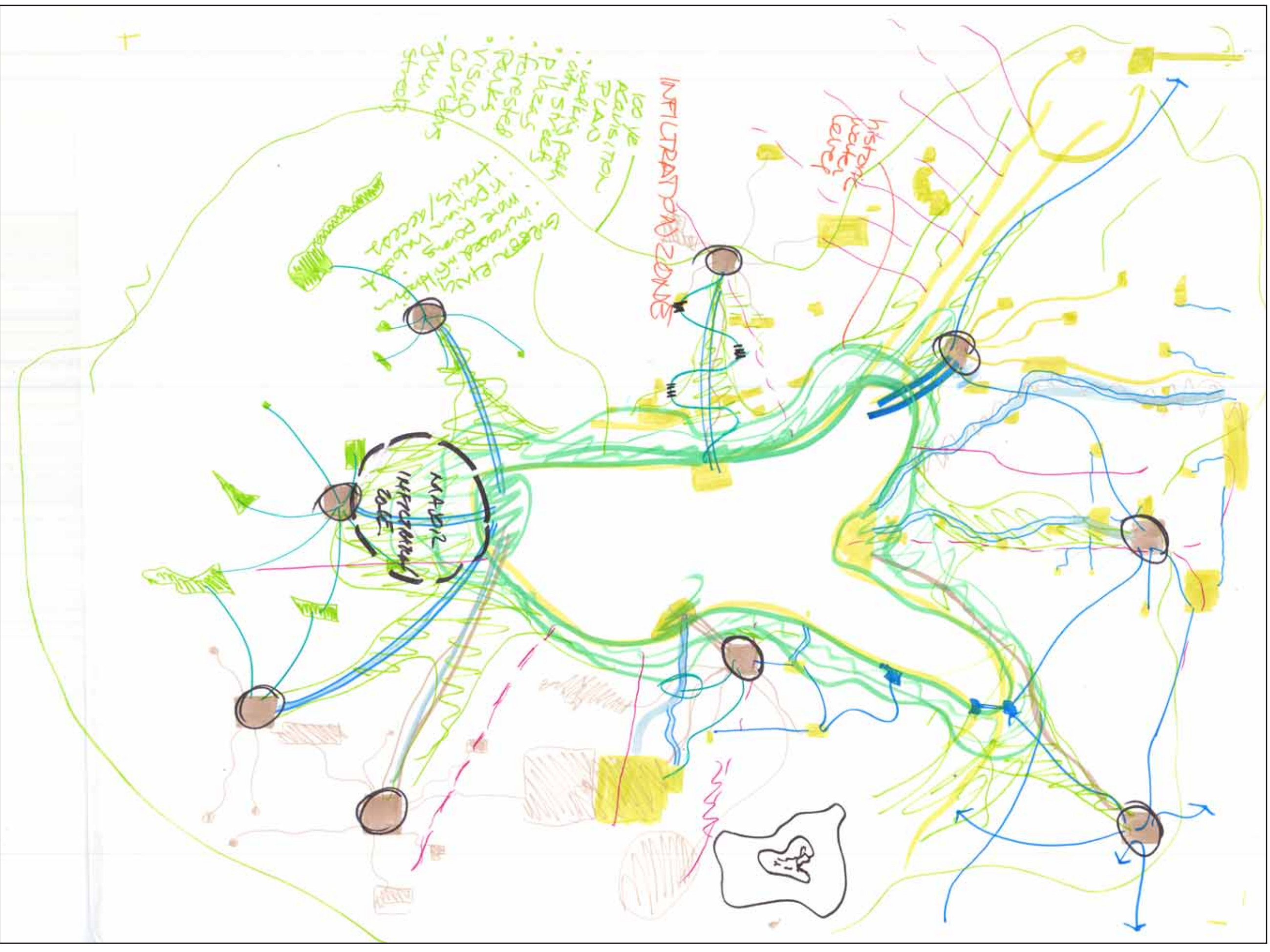
SWALE



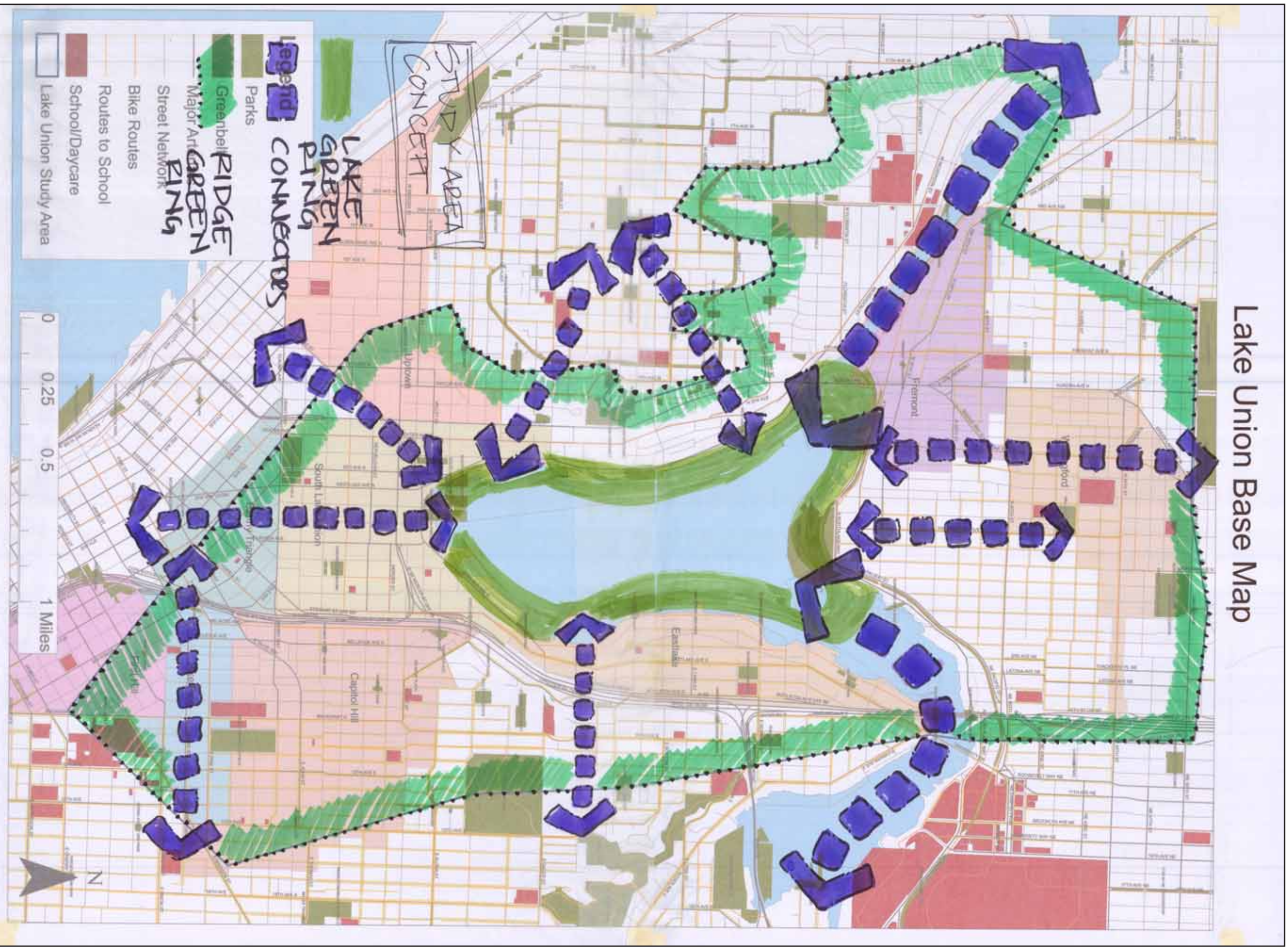




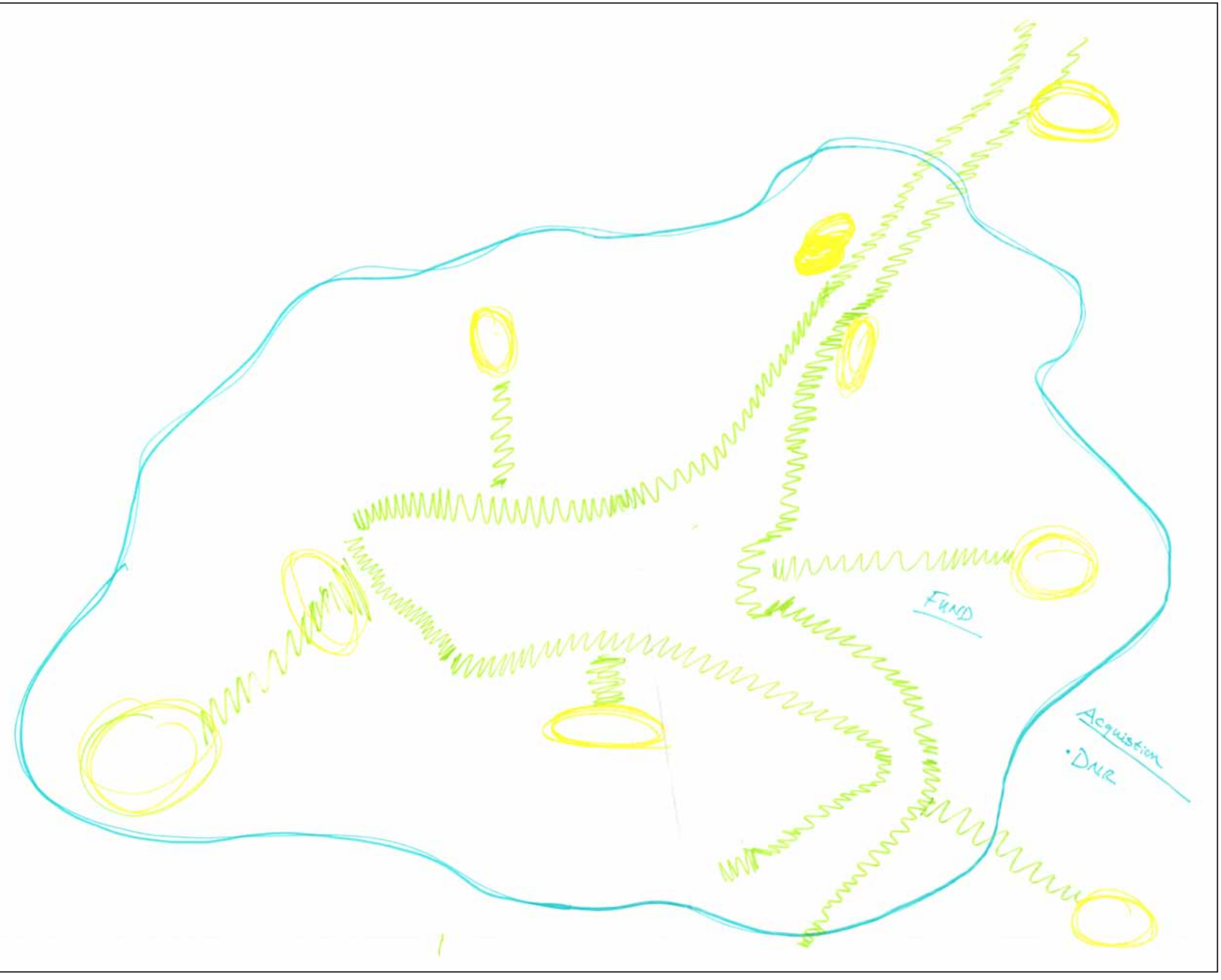






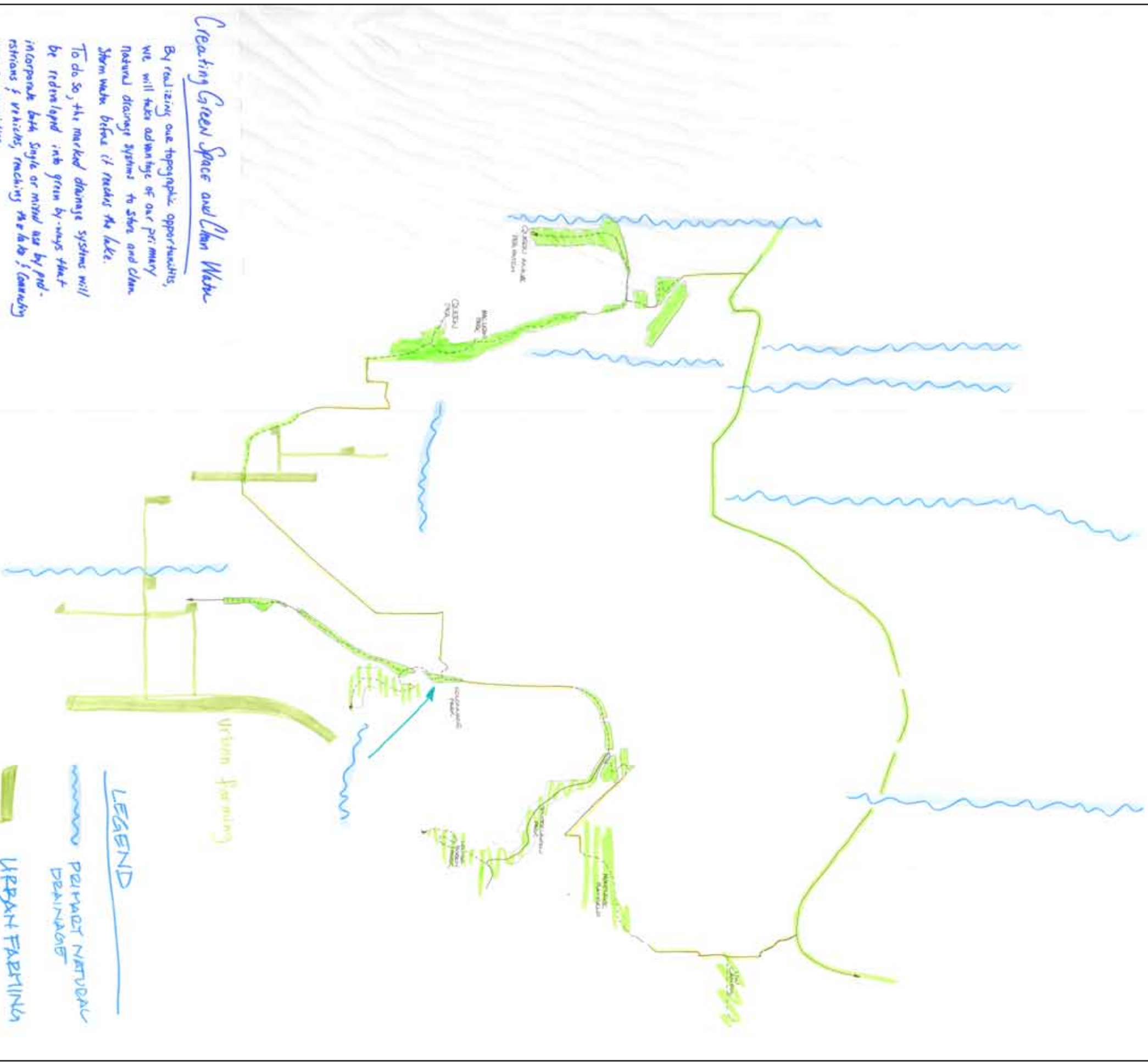








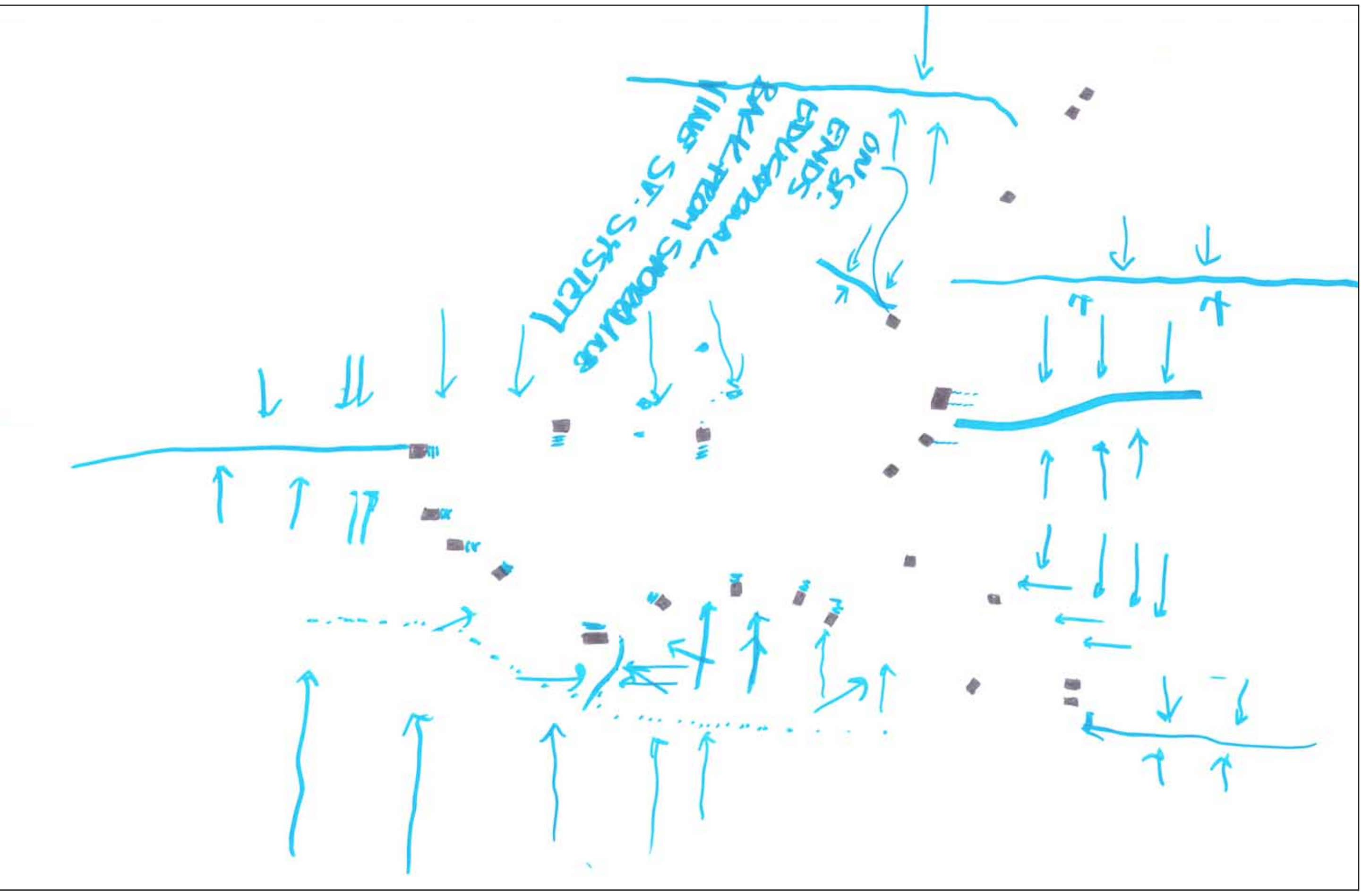




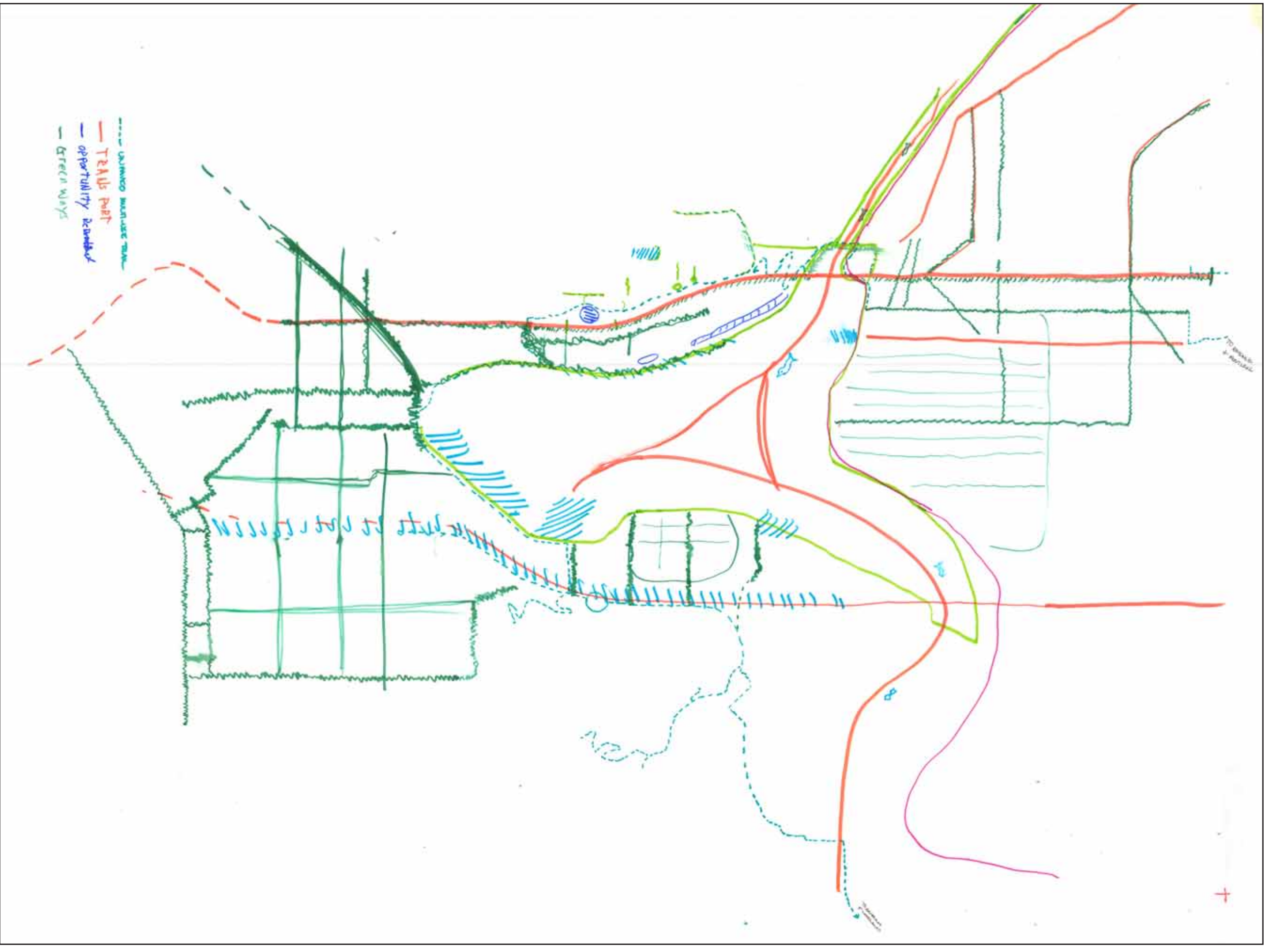




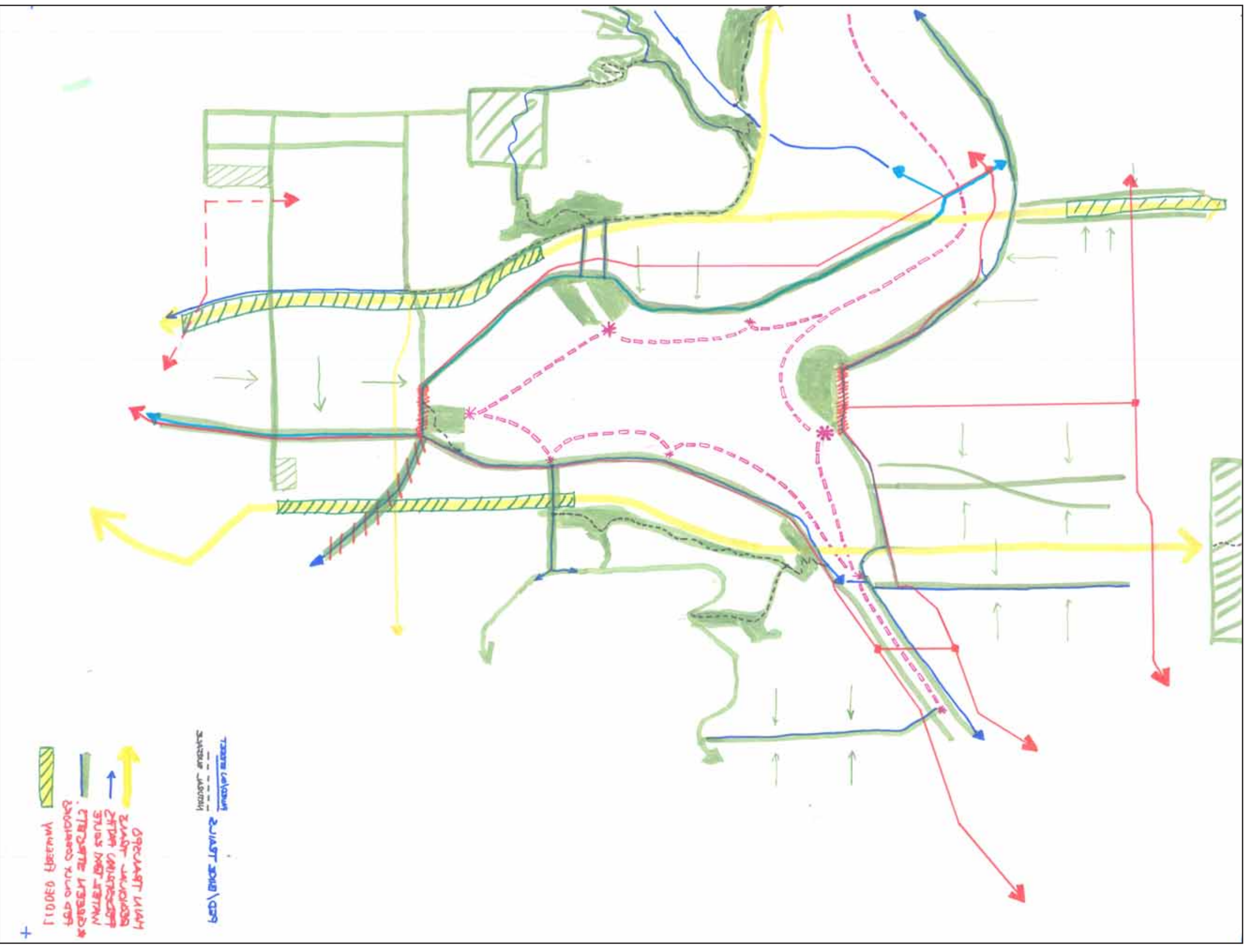




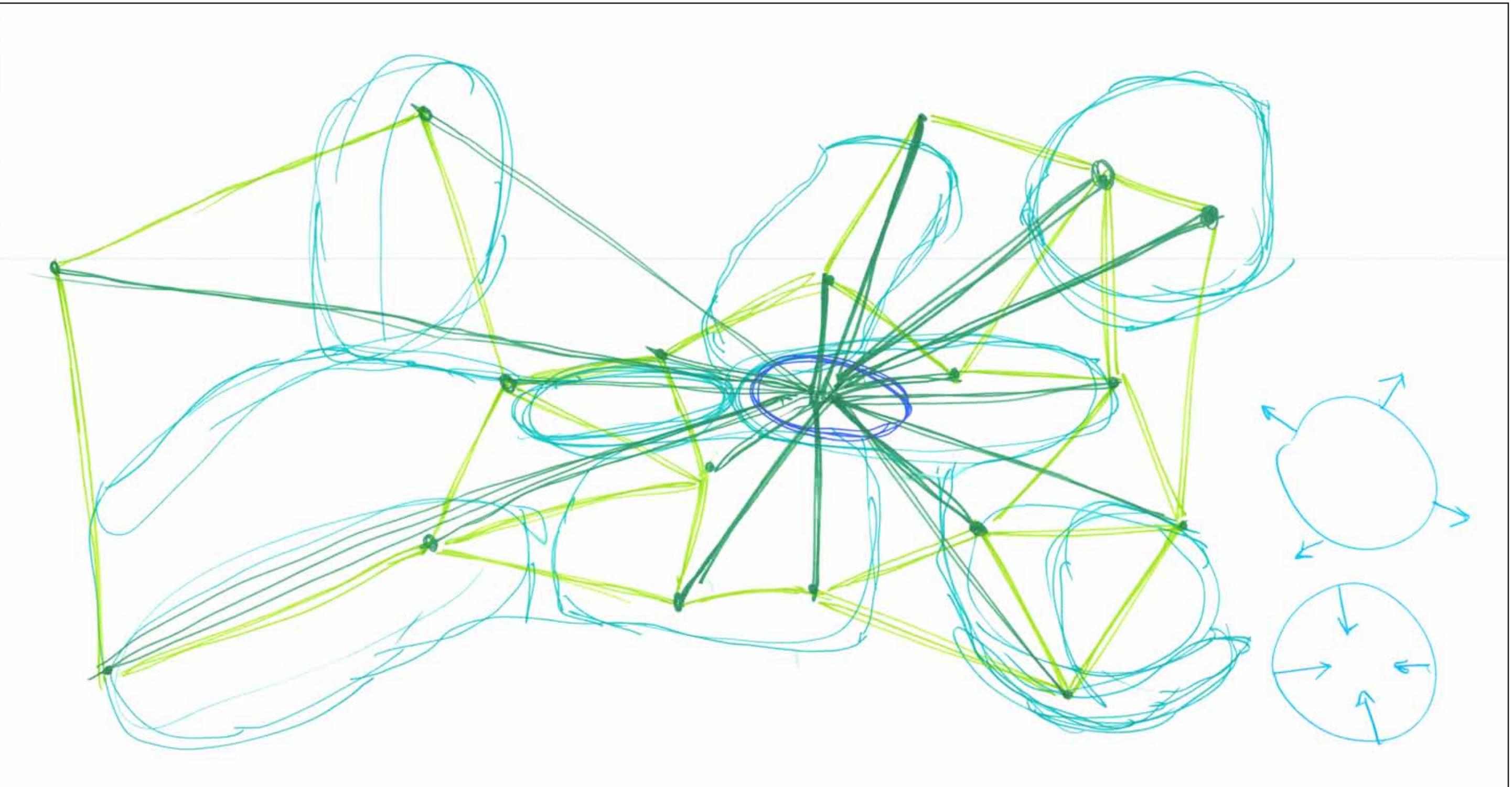




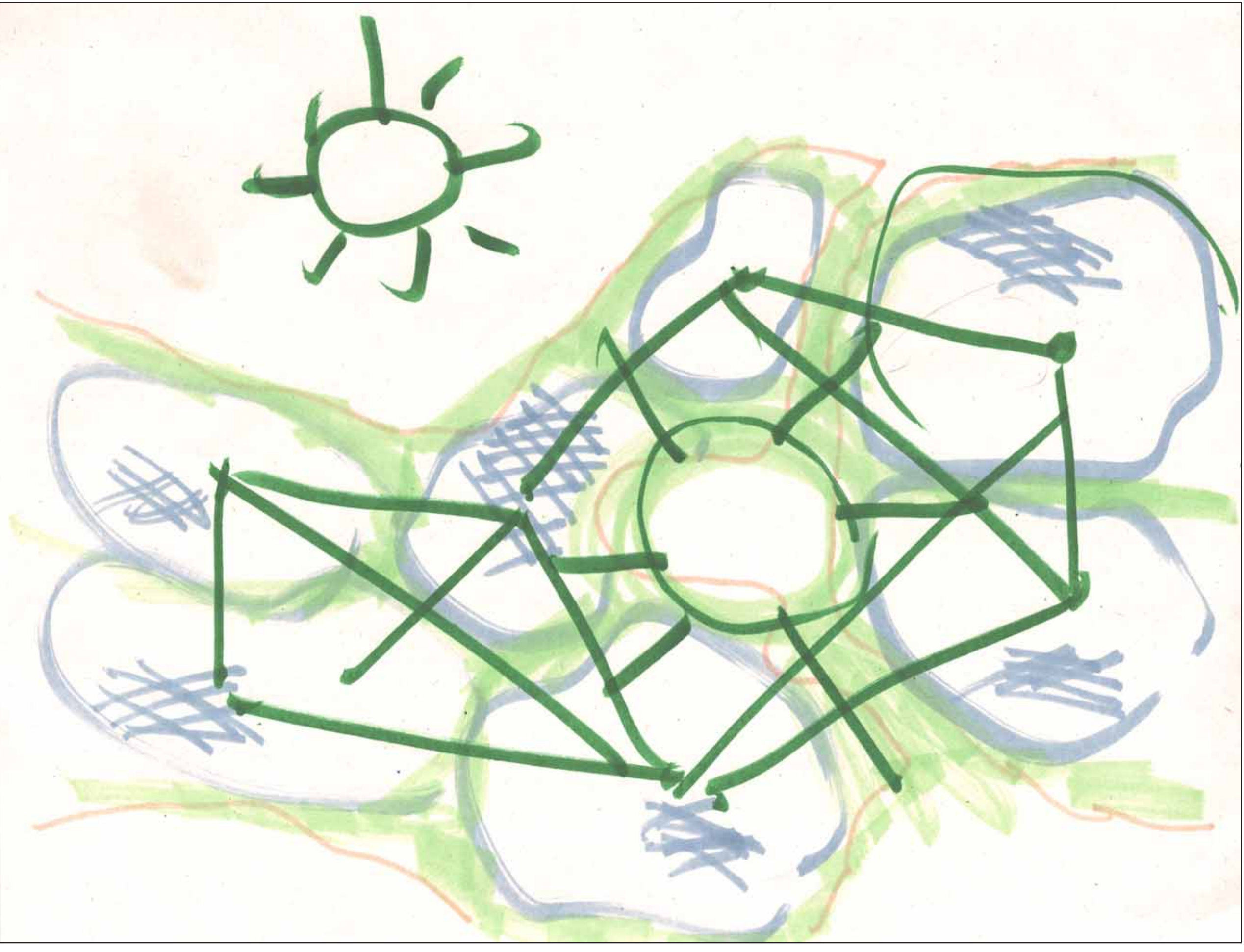




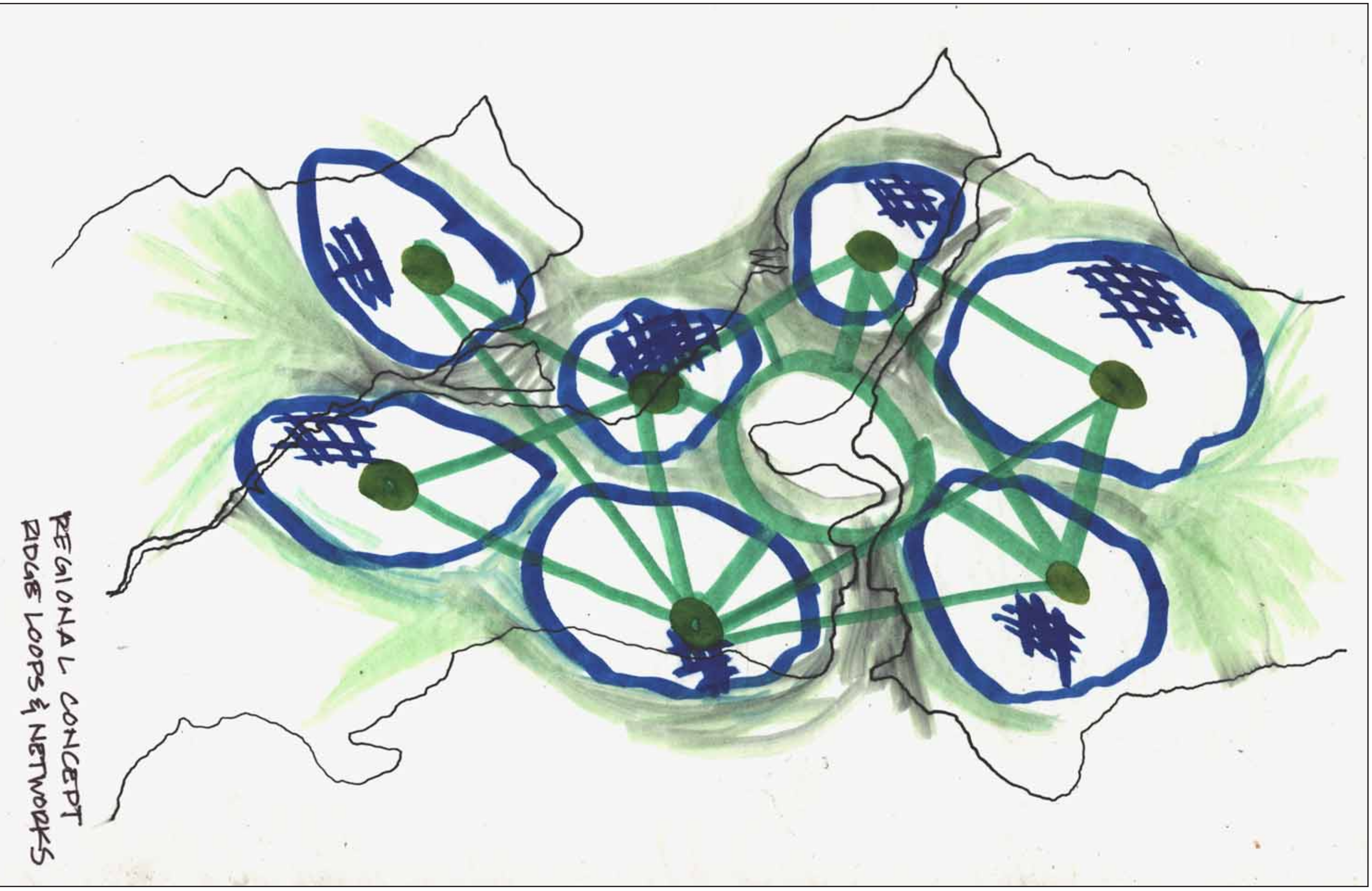




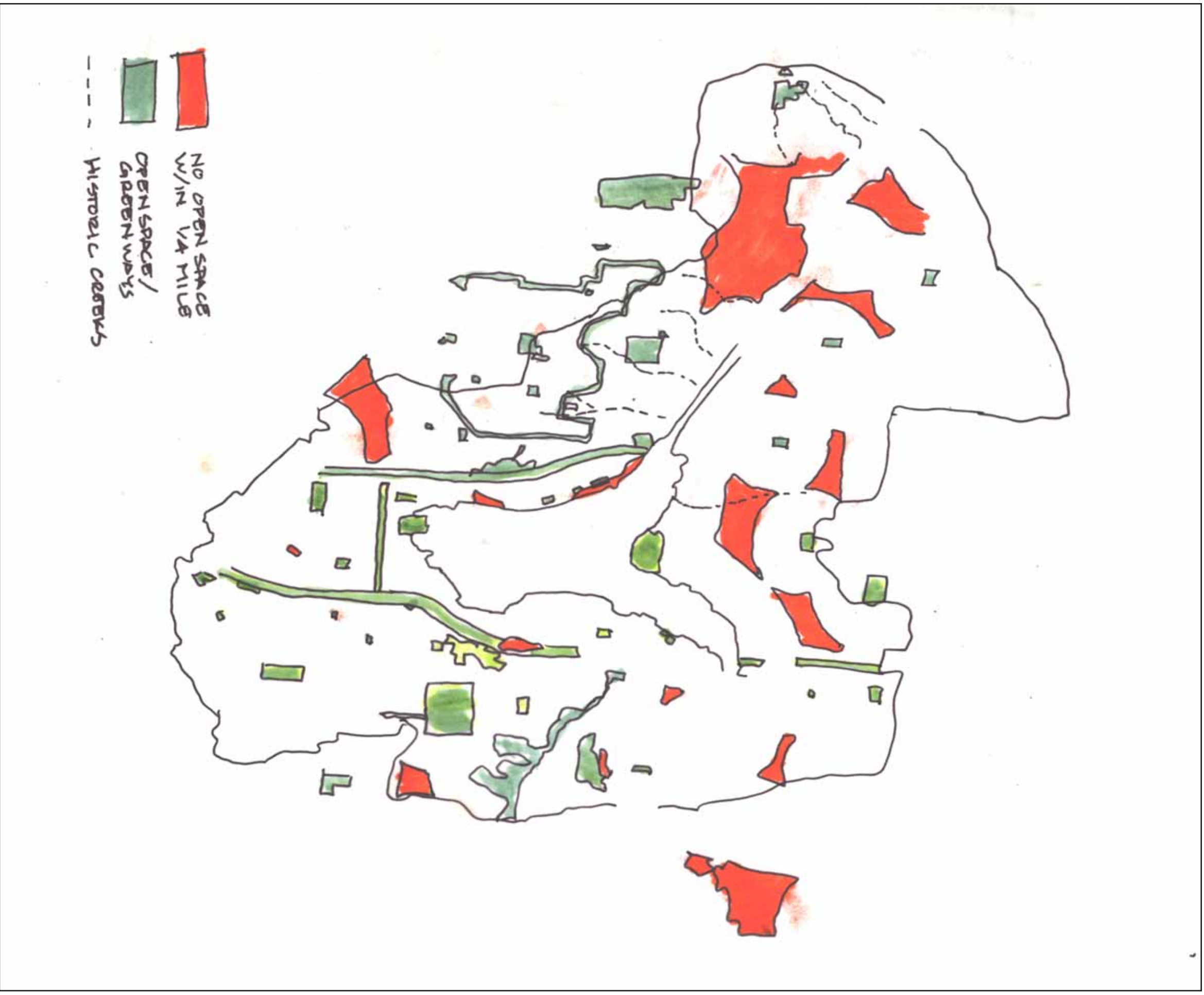




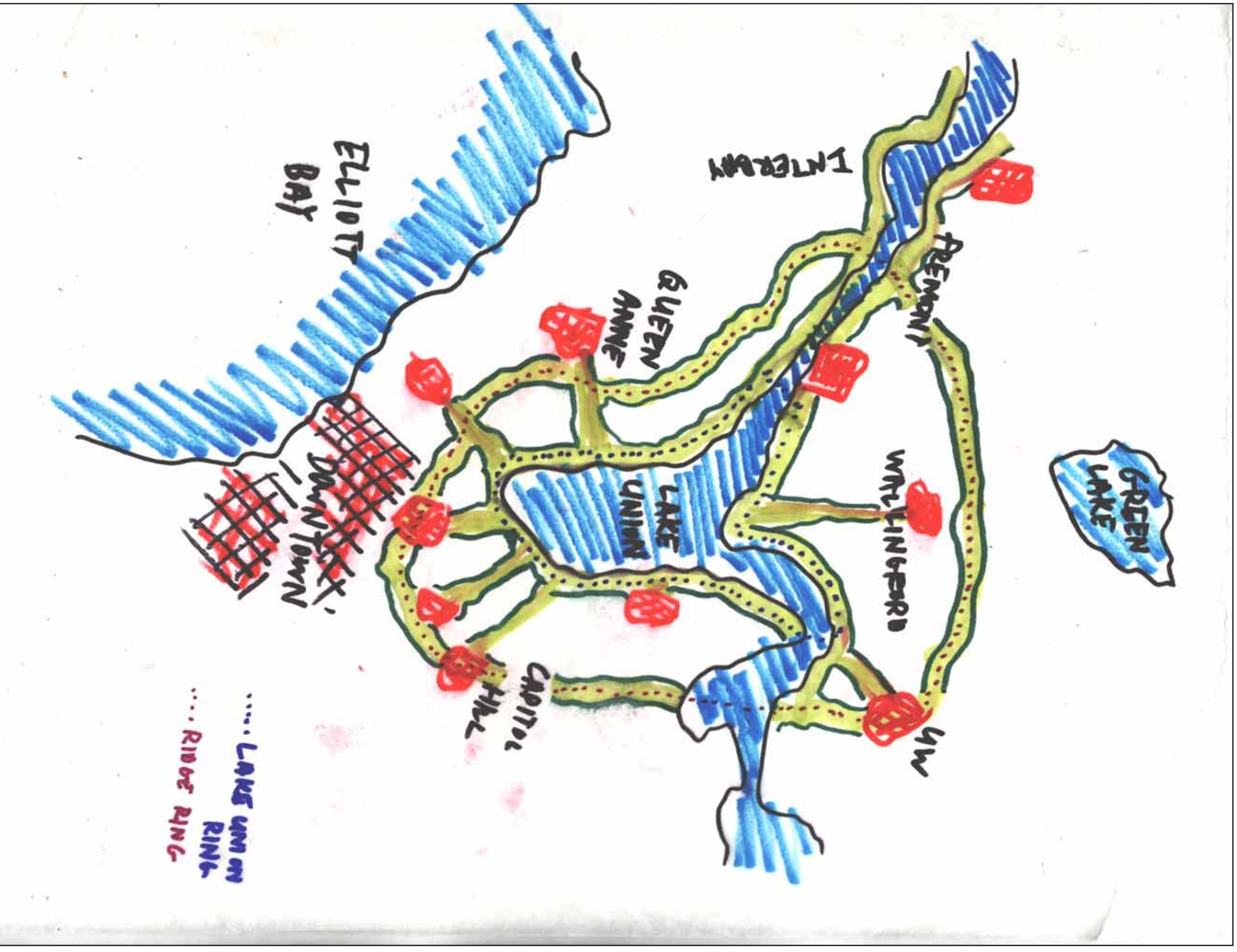




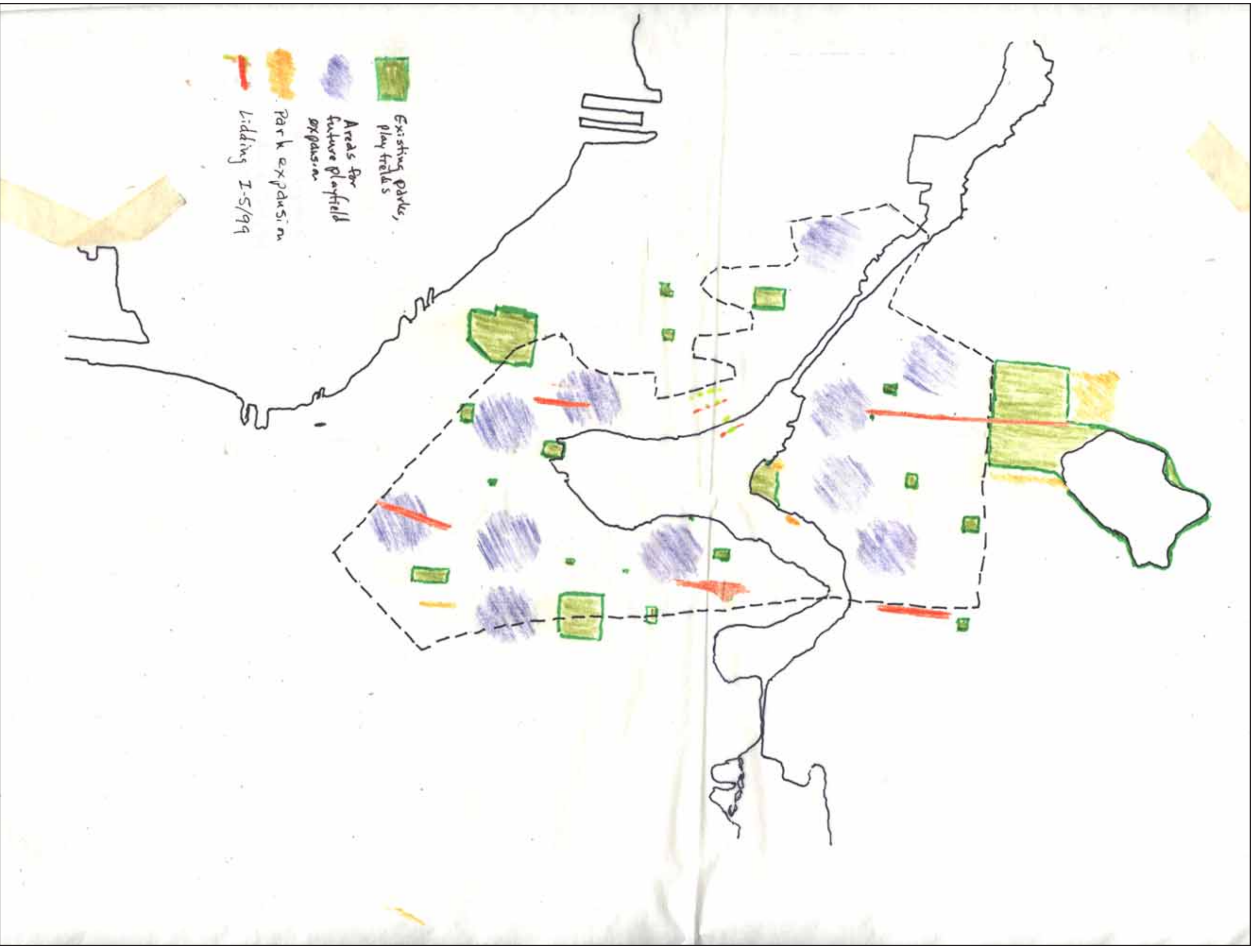




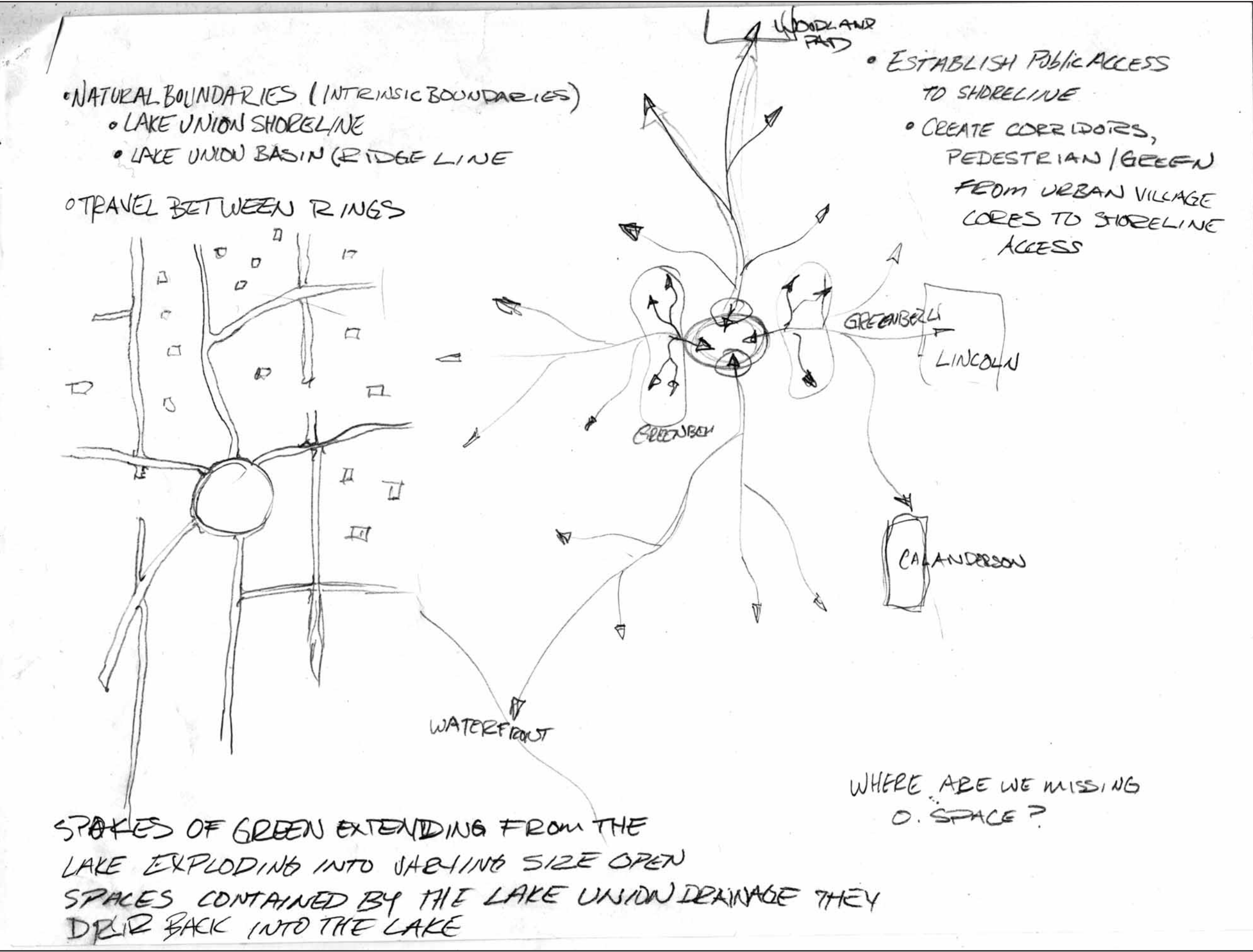




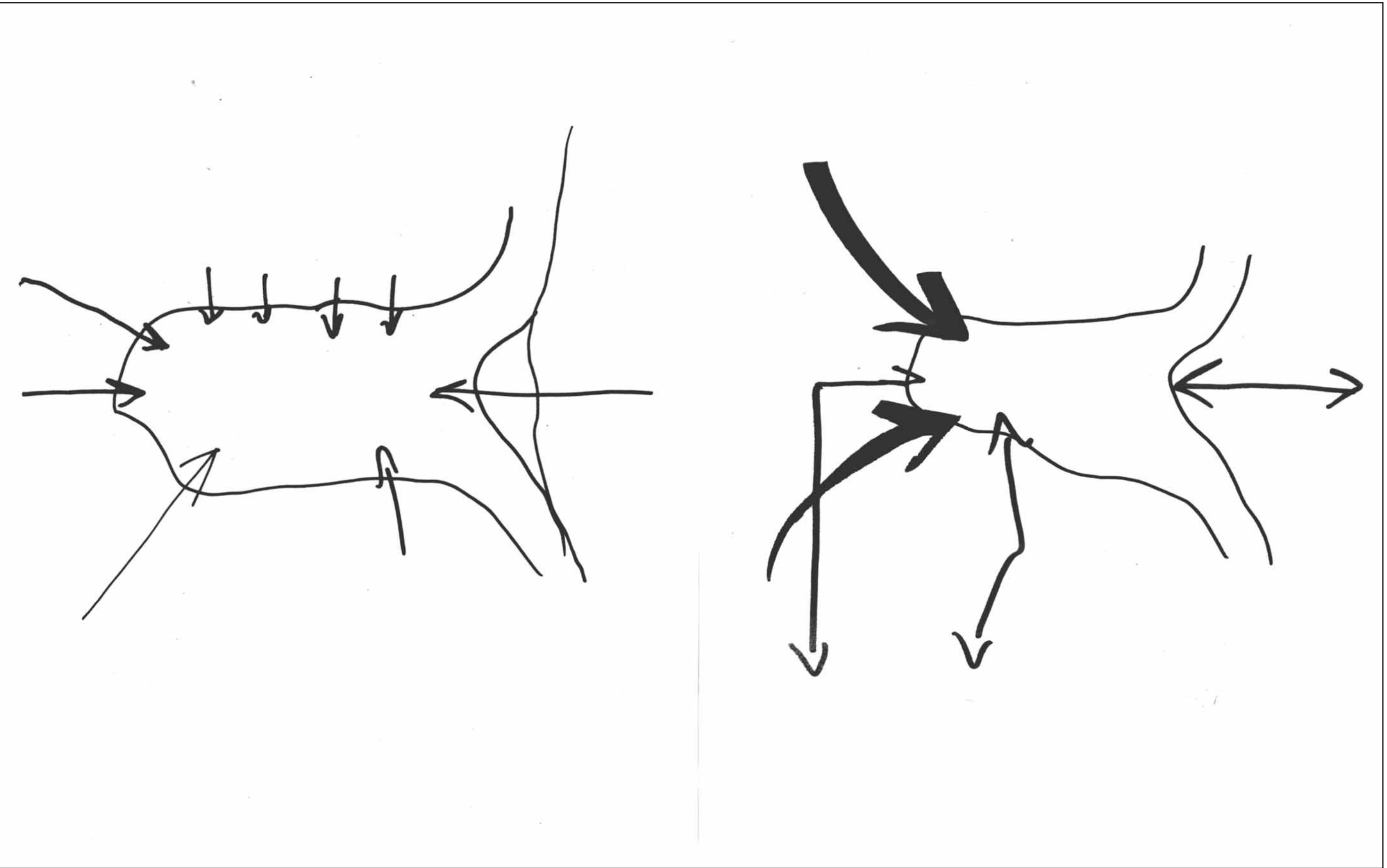




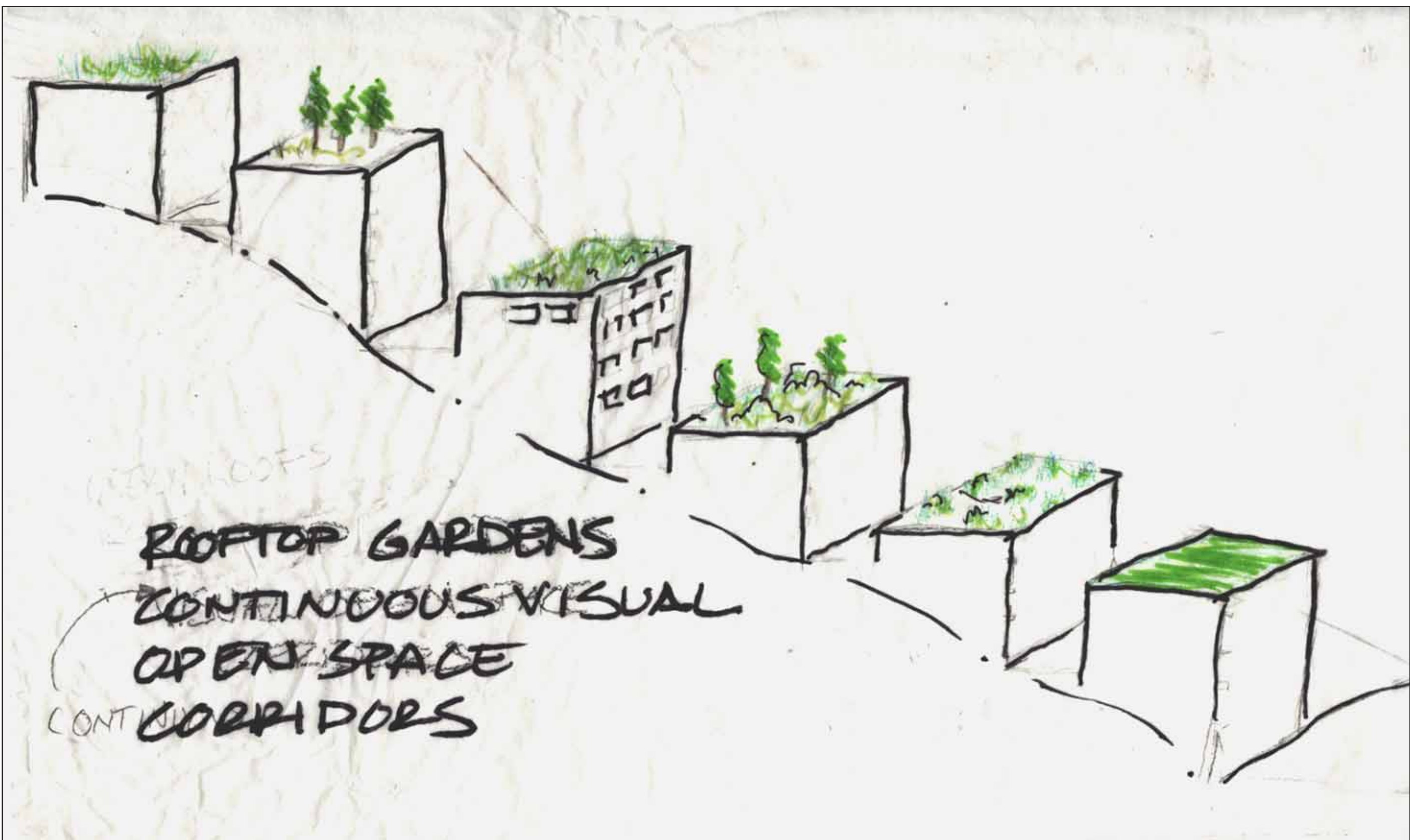












ROOFTOP GARDENS

ROOFTOP GARDENS

CONTINUOUS VISUAL

OPEN SPACE

CONTINUOUS CORRIDORS



# NEAR TERM ACQUISITION GOALS



A. NOAA/DNR

B EDGAR ST MAURD COVE  
PATH CONNECTION

C. VICTORIA STATION  
SIAM

D ASG TO FREMONT  
PATH DEVELOPMENT

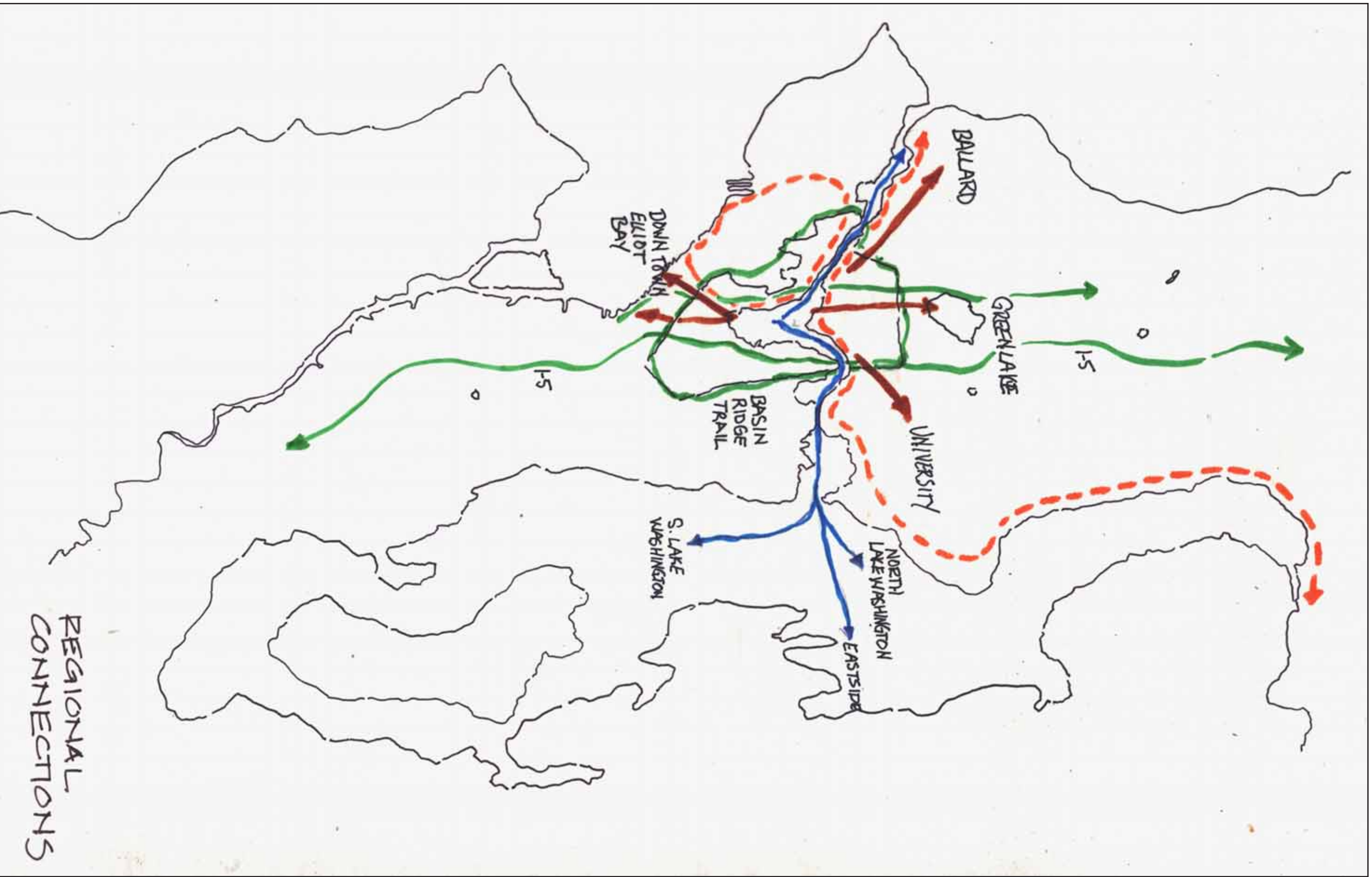
E UNDER WATER PARK  
SEATTLE CITY DWARF SHIP

F MACLEAN PARK HOUSE &  
TROLLEY PARK

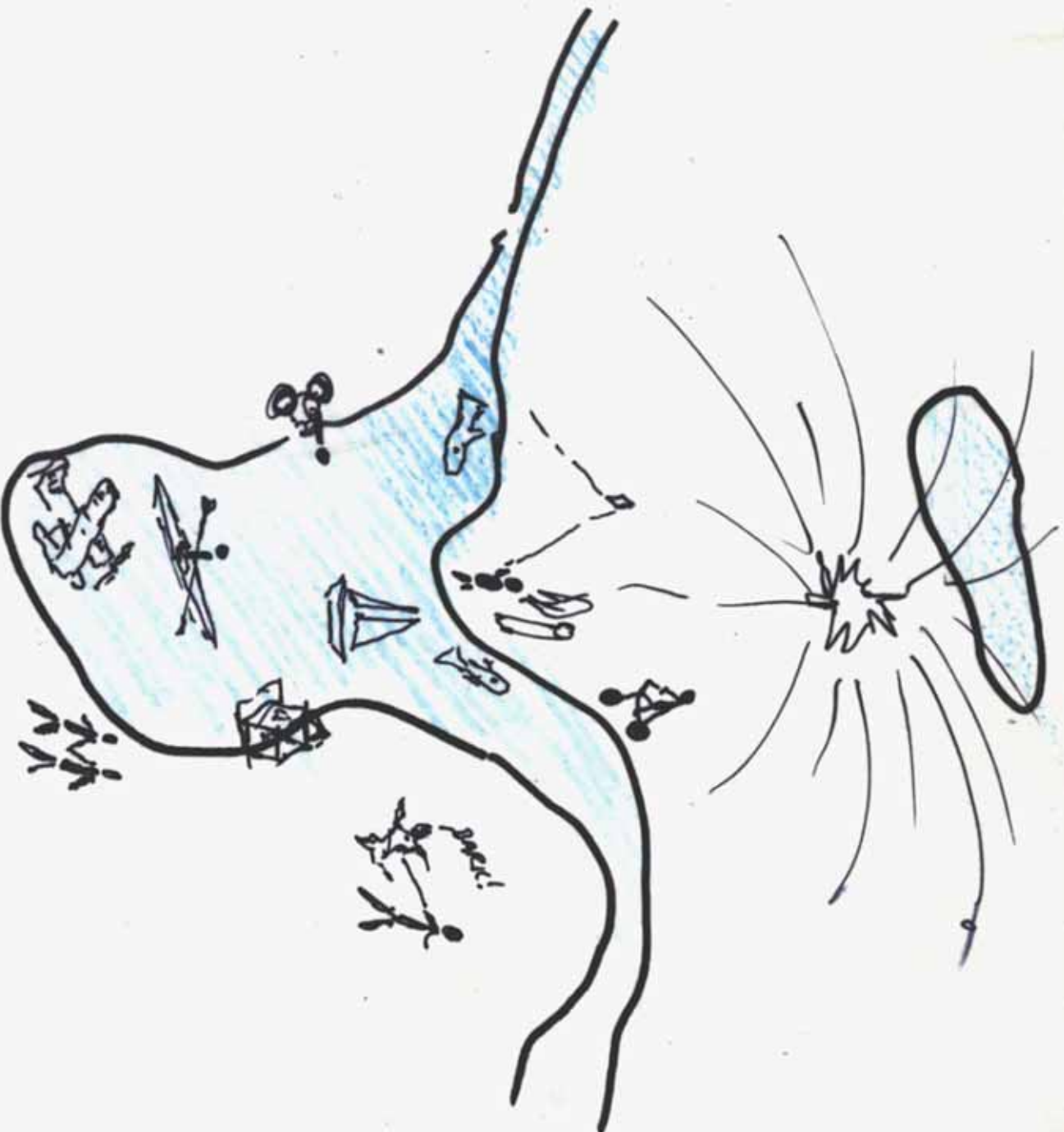
G SAND & GRAVEL PROPERTIES

H NORTHLAK SHIPYARD  
T LARGE MEN SUPPLY PROPERTIES

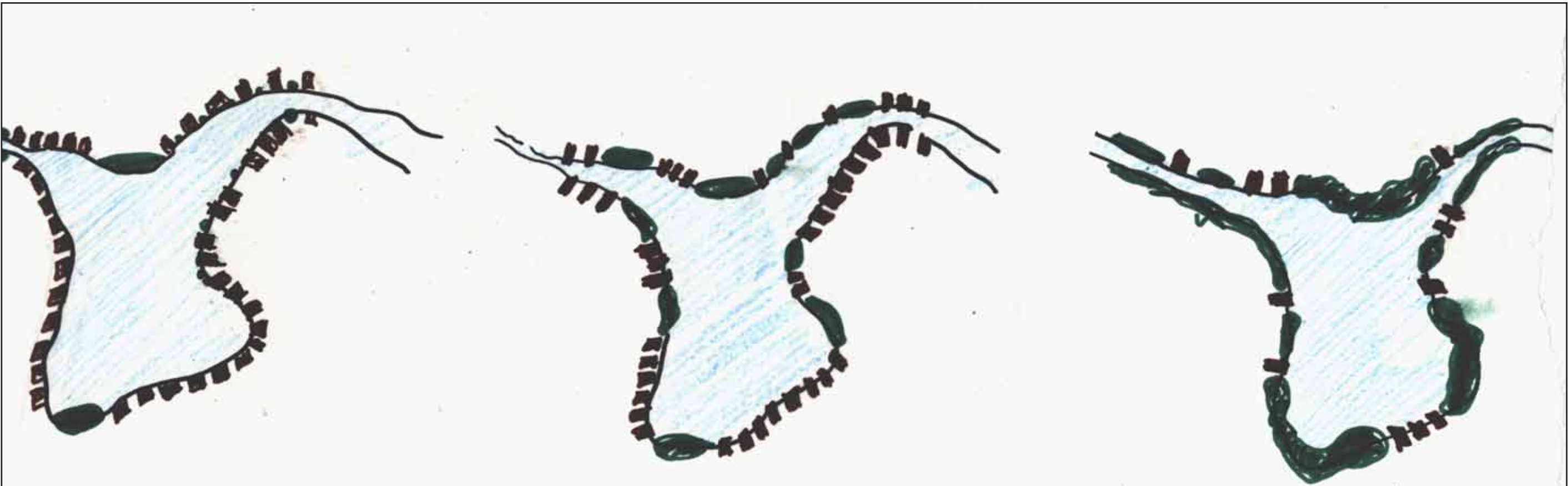






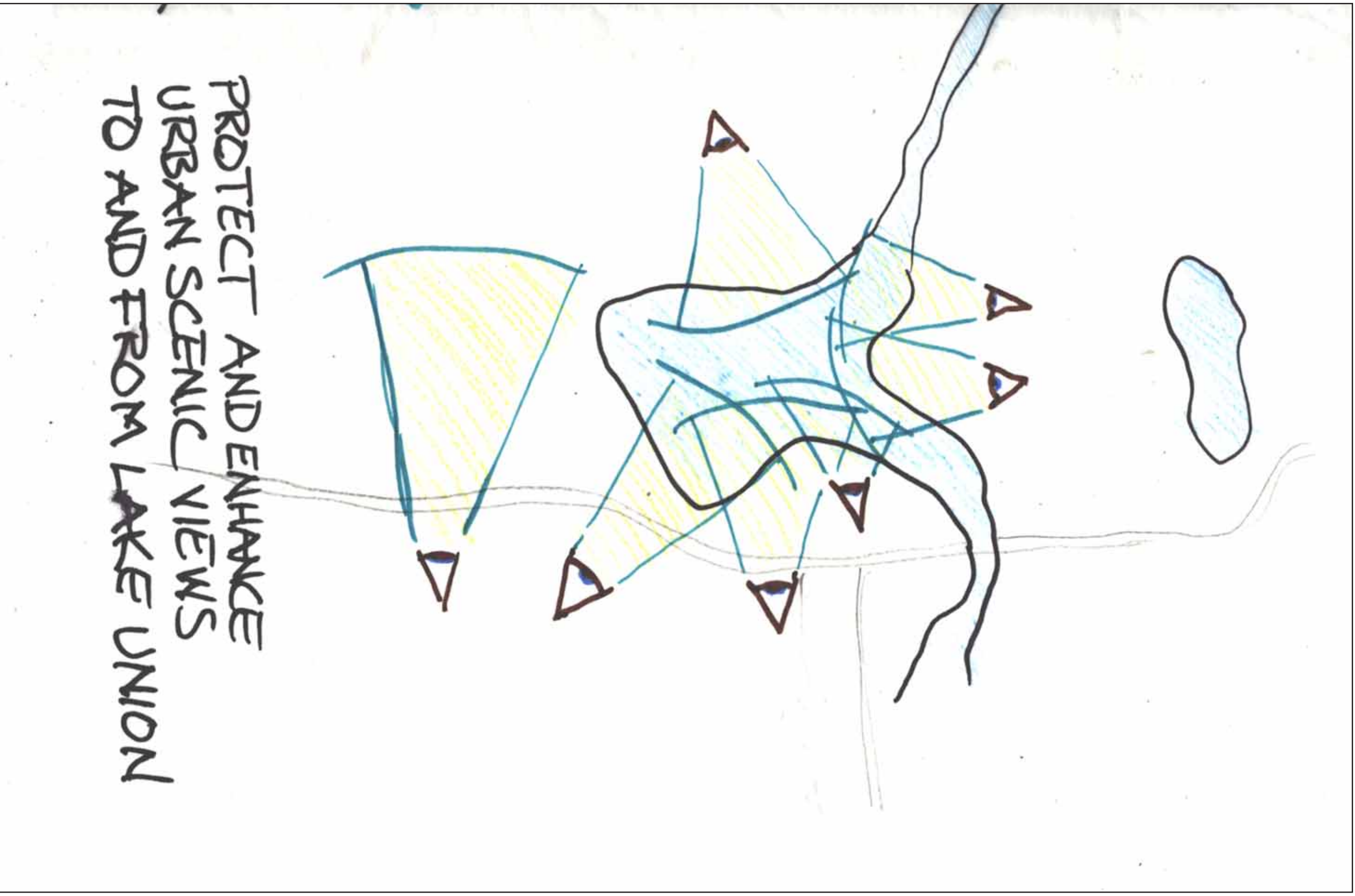


ENCOURAGE AND ACCOMMODATE  
MULTIPLE USERS OF LAKE  
UNION RESOURCES, BOTH  
LAND AND WATER BASED

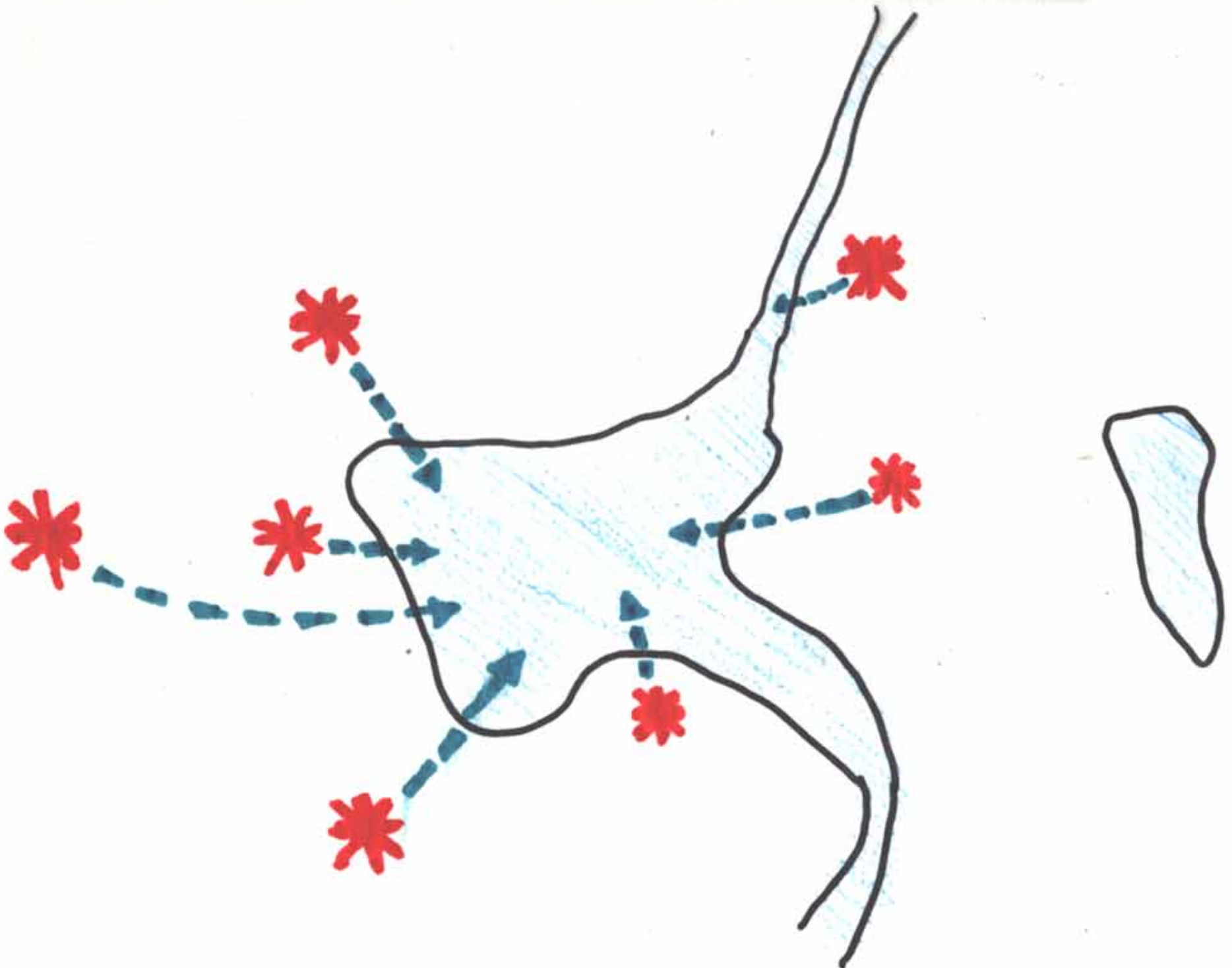


PROMOTE GRADUAL CHANGE OF SHORELINE  
MARINE/INDUSTRIAL DEVELOPMENT TO OTHER  
OTHER PUBLIC ACCESS-FRIENDLY USES.



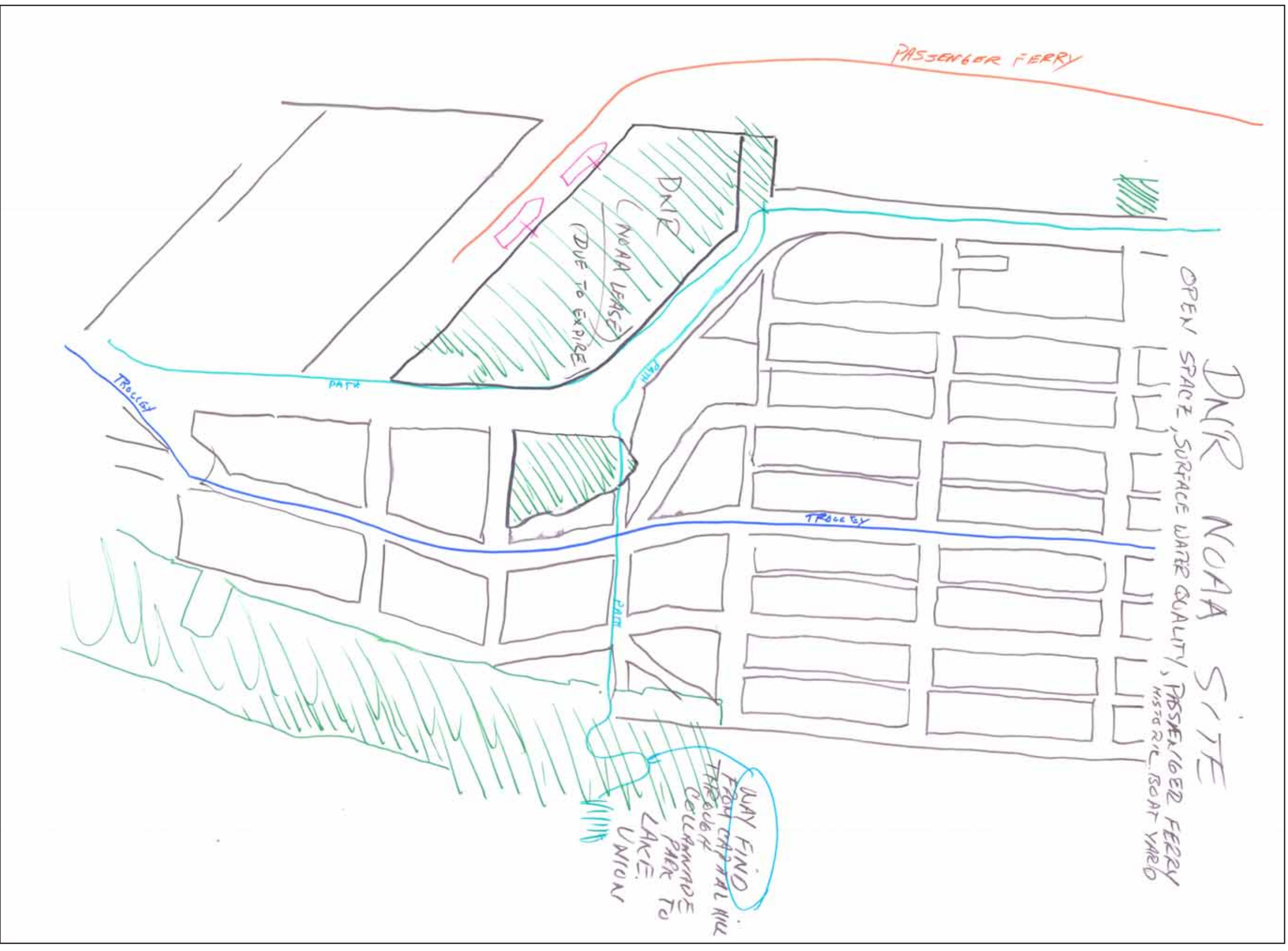


PROTECT AND ENHANCE  
URBAN SCENIC VIEWS  
TO AND FROM LAKE UNION



IMPROVE PUBLIC ACCESS  
FROM SURROUNDING URBAN  
VILLAGES TO LAKE UNION'S W





**Neighborhood Concept List**

- Lake Union Hub
- Neighborhood Connections
- Loops / Rings
- Webs
  - Development
  - Open Space
  - Habitat
- Regional Connections
- Urban Villages
- Multiple Business Cores
- Geography Reference

**Themes**

- Neighborhoods
- Connections
- Multi – functions
- Transformation

**Sticky Issues**

- How much shoreline can we publicly own?
- Zoning and land acquisition
- Level of public involvement

**Early Goals**

- Establish and strengthen connections
- Establish open space connections
  - 100% contiguous around Lake Union / shoreline
- Establish and develop urban villages
  - identity
- Think Water

**Refined Goals**

- Balance needs
- Resilient: natural and economical
- Continuity – Connections of neighborhoods
- Shoreline Access – More public use
- Stronger urban villages
- Green space connections
- Resource self sufficiency
- Opportunity for personal food growth



**Brainstorming**

- Cohesive waterfront: developed and public use
- Increased local recreation
- Community appreciation of greenspace
- Decentralized energy and agriculture
- Neighborhood open spaces and recreation
- Housing variety
- Neighborhood energy production
- Water availability
- Reestablish lake basin; residential, community, green habitat
- Woven together
- How will we think about greenspace? Our space? Sharing?
- Pocket: agriculture and habitat
- Maximize green space in row
- Emerald City
- What will the significance of open space be? Physical, visual? Combo?
- Value of large and small green spaces
- Neighborhood focus: businesses and flexible spaces
- Water connections
- Increase density (Manhattan)
- Reflect past
- Water edges open to all
- Connections: water / open space
- Unified connections: transportation, water, green system
- Regional resource: growth in core, elimination of green space
- Interconnection of green space
- Preserve public assets
- Public interests / private
- NO I-5 : underground or toll system
- Series of parks and buildings where I-5 was.
- Interconnected roof gardens
- Lake union as HUB center and visual connector
- Regional connections
- No cars need to be self sufficient
- Hills and Valleys: People power on low lands
- 7 hills of Rome; Utopian
- Urban Villages
- Taller and Denser

**Voted on Issues w/ stars**

- Congestion \*
- Water and air quality
- Water and air quantity \*
- Resource availability and conservation: natural and all \*
- Energy production : mono culture vs diverse \*\*
- Noise \*\*
- Politics
- Public Involvement and stewardship \*\*
- Housing for all economic levels \*
- Affordable and Fair
- Job base / types of industries
- Food Access Production \*\*
- Seismic
- Waste Management \*
- Transportation \*
- Multiple use conflicts
- Zoning and land acquisition \*\*\*
- Cultural and ethnic diversity \*\*
- Discontinuous Connections \*\*\*\*\*

## Coordination

- Downtown
  1. Westlake / Broad street
  2. Light rail Westlake around Eastlake
  3. Water taxis
  4. Lid I-5
  5. Seattle Center as eco educational center
  
- Rainier Beach / Valley
  1. Civic Plazas over lidded intersections
  
- Greenlake
  1. Wallingford Ave. to Greenlake
  2. Link interurban trail (Greenlake to Fremont to Stoneway)
  3. Lid 99
  4. 99 and I-5 as main routes
  
- University District
  1. Lid I-5
  
- Varied transportation and transit hubs

## Rough Draft Concept Titles

- Urban Web
- Lake ReUnification
- Following the / our Water
- Connecting Our Communities