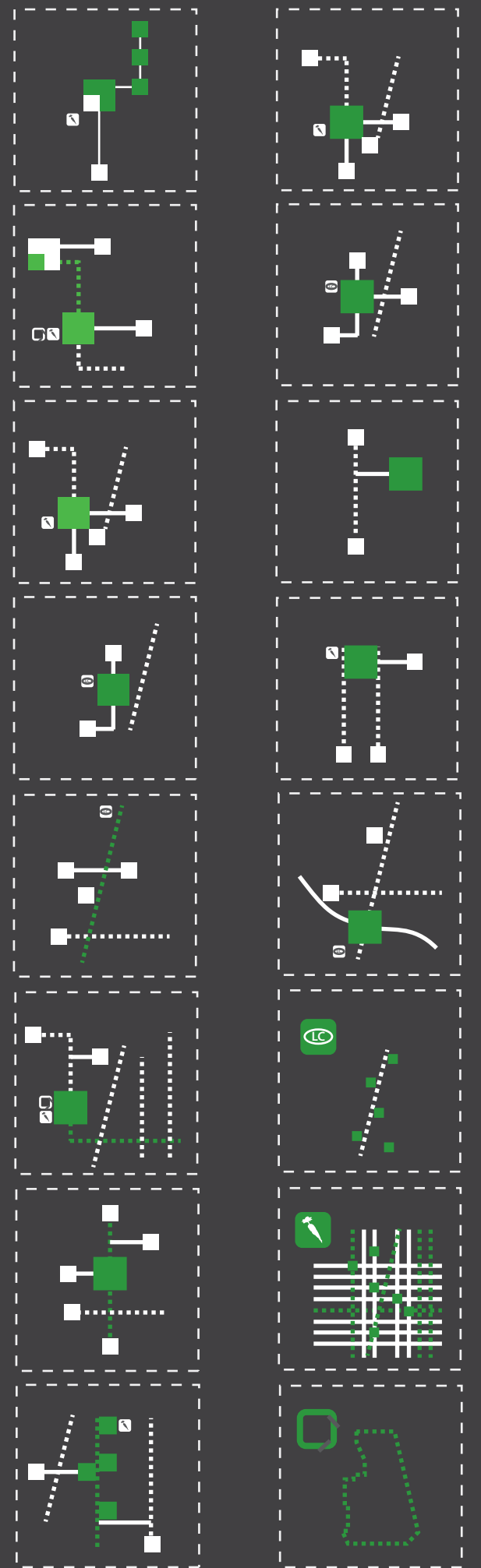


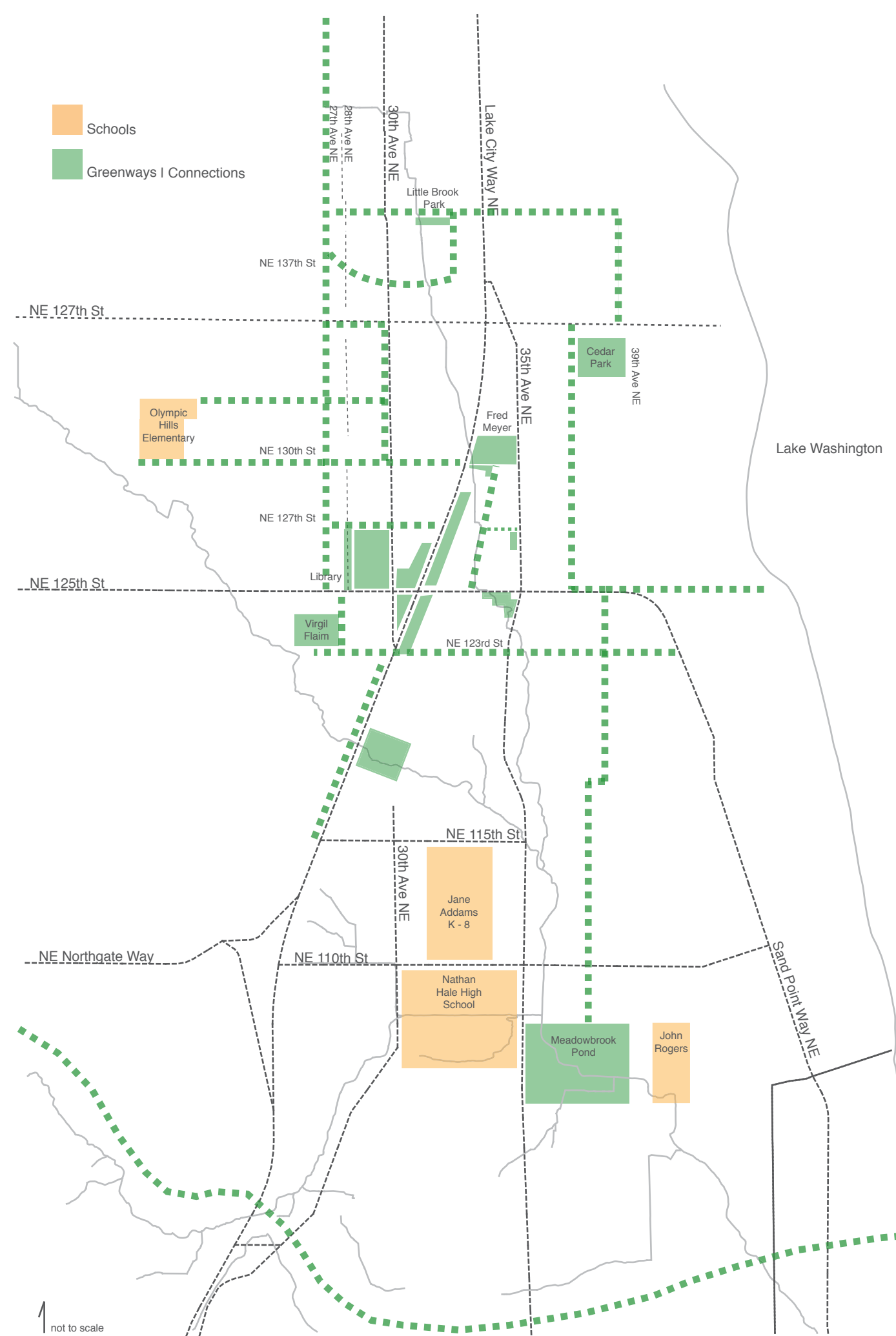
# lake city

lake city way circa 1955  
seattle municipal archives

University of Washington Dept. of Landscape Architecture | Neighborhood Design | Winter 2013

## envisioning healthier neighborhood design





Schools  
 Greenways | Connections

↑ not to scale

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*cami culbertson*  
*bachelor of landscape architecture*

With the Lake City Greenways group as the initiating stakeholder for UW Landscape Architecture's Neighborhood Design Studio studio, 16 students (from landscape architecture, urban design and planning, and architecture) learned about Lake City and envisioned its potentials as a healthier neighborhood. Landscape Architecture Associate Professor Julie Johnson led the students through a participatory design process, such that the students gained insights about the varied places and needs of this neighborhood, as well as their own design responses, through community interactions.

Greenways leaders gave students an overview and led walking tours. Students facilitated small group discussions at a community meeting, and some undertook a workshop with youth, to learn more about the neighborhood and potentials. Students undertook site visits and thematic analysis of the neighborhood to enrich their understandings. Two students participated in an event led by a Public Health class involved in the Little Brook neighborhood of Lake City, and one of these students created an online survey for Lake City residents.

As they developed conceptual ideas for particular places or connections, students received feedback from community members, a city staff member and designers in the design studio. Studio visits from agency staff and a designer also helped guide their design ideas. Later in the quarter community members and others returned to discuss students' schematic designs with them, which informed the development of their final design work. This work was presented to a range of community members, agency staff, and faculty in March 2012.

The studio projects grow from the proposed network of greenways identified by Lake City Greenways. Students have extended these to make connections among civic and open space destinations, including schools and parks. Some students focused on new civic spaces, while others are revitalizing existing ones with ecological, cultural, agricultural, and play-oriented interventions. Wayfinding and identity are central to several projects, including one focused on the Lake City Way spine and another charting a loop trail system. Another offers typologies and places for urban agriculture throughout Lake City. These projects connect with one another to create a synergy of community places and connections. Eight interrelated themes that contribute to making a healthier Lake City are addressed among the projects:

**greenways**  
**urban agriculture**

**wayfinding**  
**culture**

**green infrastructure**  
**play**

**learning**  
**ecological systems**

Special thanks to several people who shared insights with the studio, including:

**Community & Greenways representatives**

Ruth Anderson  
Janine Blaeloch  
Dave Morris  
Tim Motzer  
Phil Shack  
Cathy Tuttle  
Mark von Walter  
all who participated in the January 17 Community Meeting small groups  
youth who participated in the February 16 Design Workshop; Amber Trout who facilitated this workshop

**UW faculty and students**

Dan Abramson  
Marty Curry  
Jeff Hou  
Lynne Manzo  
Nancy Rottle  
Luanne Smith  
Amber Trout  
Daniel Winterbottom  
Jack Thompson  
Tiffany Sin and the rest of the Master's in Public Health students working in Little Brook

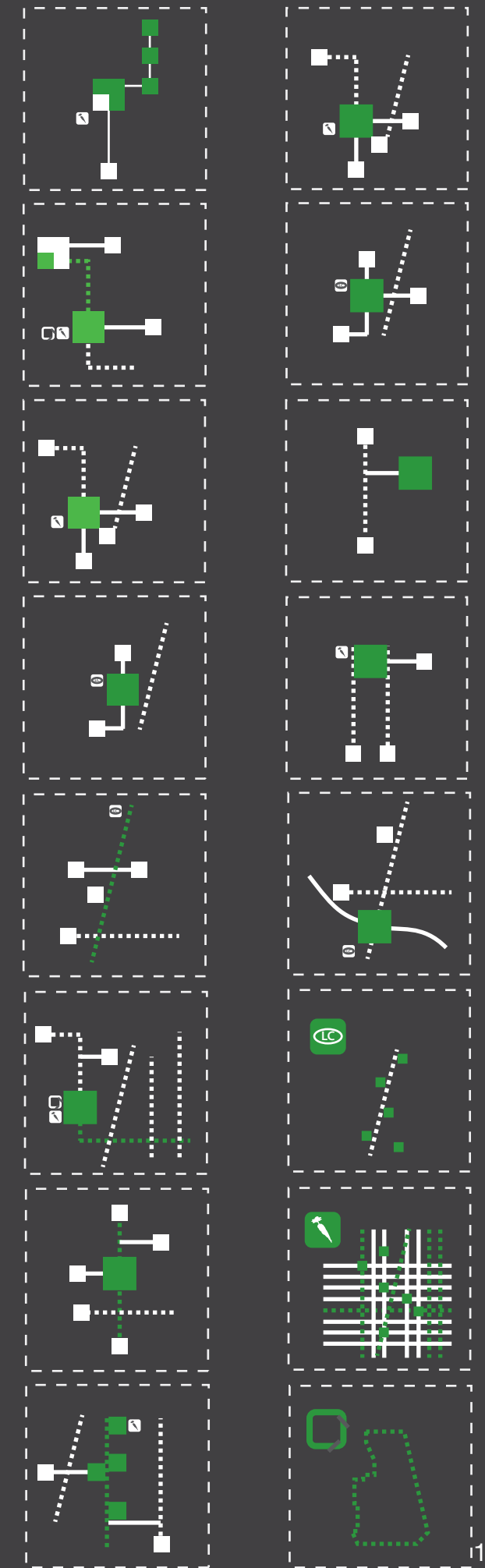
**Design professionals**

Jason Breitling  
Cameron Duncan  
Betsy Jacobson  
Jennifer Richter  
Dave Rodgers  
Kara Weaver  
Benjamin Barrett  
Elizabeth Umbarhowar

**Agency representatives**

Dongho Chang  
Rebecca Deehr  
David Graves  
Colin Drake  
Gretchen DeDecker  
Pam Emerson

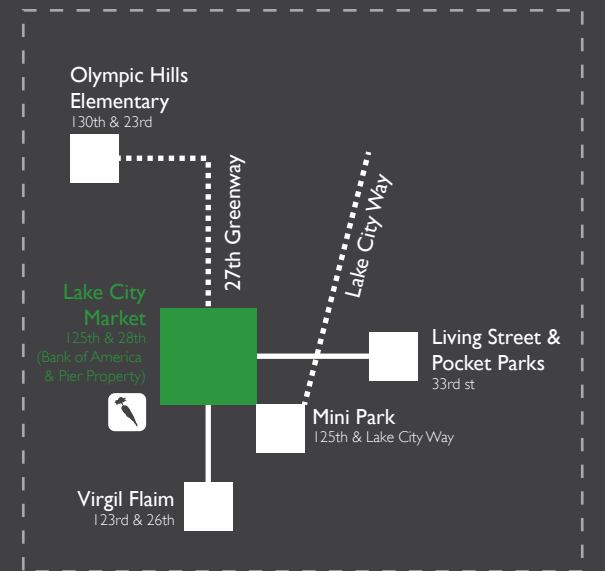
**introduction** *By Julie Johnson, Faculty*





existing conditions  
googlemaps

# lake city market



designer:  
janice chen

type:  
park

design goals:

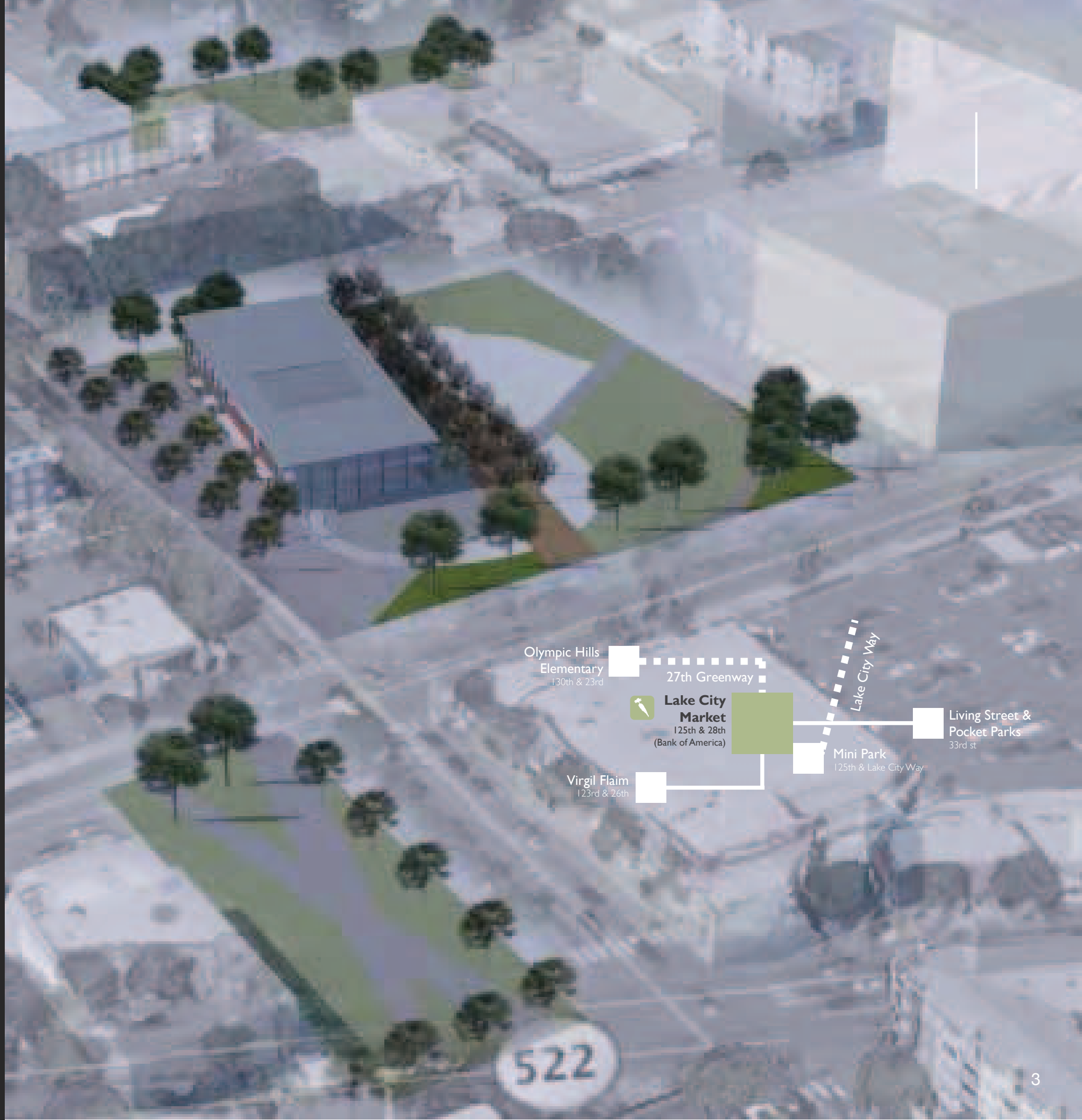
- + create a permanent farmer's market - a destination
- + provide greenspace
- + encourage the development of a thriving business hub

# LAKE CITY MARKET

Lake City Market is envisioned as a new neighborhood attraction in Lake City civic core that celebrate diversified cultures and activities. It encompasses four main facilities: The market park, The market street, The market plaza, and The permanent market place. These facilities incorporate sustainable practices such as green infrastructure, urban agriculture, and stormwater treatment. The metaphor of creating a 'core cycle' on the site will gather the communities together and celebrate the diversified cultures of the Lake City neighborhood with permanent market place, outdoor activities, cultural restaurants, and water engagements. This site also provides east west connections from Lake City way to Albert Davis Park that the core has always been lack of.

**SITE LOCATION:**  
CURRENT BANK OF AMERICA PROPERTY  
(28TH AVE NE & NE 125TH ST)

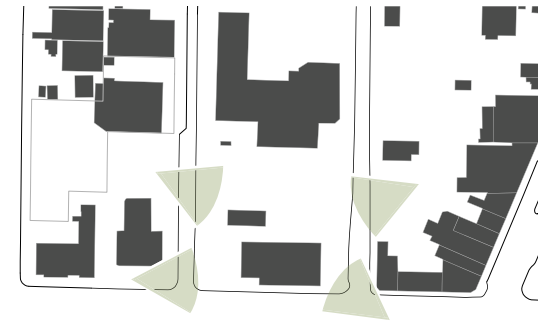
LARC402 Neighborhood Design Studio  
Final Project Proposal | Janice Chen





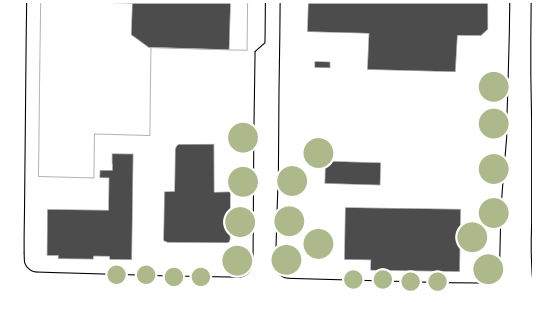
**ANALYSIS #1 | TRANSPORTATION HUB**

There are many bus stops around the site. It gives transportation connection to the surrounding neighborhood such as Little Brook, Wedgewood, Northgate, or even to Downtown Seattle. This is a great opportunity to bring diversity of people and events to the market as well as increase tourist interest.



**ANALYSIS #2 | VIEWS + CONNECTIONS**

Currently there are no pedestrian connections from Lake City commercial core (along Lake City Way) to Community facilities (Library & Community Center). Property of Bank of America can be a potential site to establish both pedestrian and visual connections to both sides of the civic core. The views from 125th Ave NE is also important to draw people's attention when driving through.



**ANALYSIS #3 | EXISTING TREES**

There are many fabulous old growing oak trees on the site. They are acting as a gateway while walking onto NE 28th St. The proposed design should be aware of keeping the existing trees to maintain the current amount of tree canopies on site.

# LAKE CITY MARKET

## ANALYSIS + SITE PHOTO

**SITE LOCATION:**  
CURRENT BANK OF AMERICA PROPERTY  
(28TH AVE NE & NE 125TH ST)

LARC402 Neighborhood Design Studio  
Final Project Proposal | Janice Chen



## I. FOOD SYSTEMS



### Short-term Achievements

- Using underutilized space to grow Food and apply urban agriculture systems [See Cami Culbertson]
- Establishing more programs on Albert Davis Park to generate community interests and involvements in the core area.

## II. DISTRICT CONNECTIONS



### Short-term Achievements

- Using signs, lightings and murals to establish better wayfinding and east-west connection from shopping center to library.

### Medium-term Achievements

- Installing Crosswalk pavers to enhance pedestrians' experience for farmers market.
- Installing planters and bio-swales to create buffers from traffic as well as providing visual aesthetics.

### Medium Long-term Achievements

- Developing current Pier property (north of BoA site) into mix commercial/ residential housing complex that holds the center district together.

### Connecting to:

- Toyota Sushi alley way & the east side (Lindsey)
- Albert Davis Park
- 27th Ave NE Green Way (Eunice)
- Mini Park (Jun & Caitlin)

## III. LAKE CITY MARKET

### Long-term Achievements

- Creating an icon and attraction for Lake City neighborhood at the core of the civic center.
- Celebrating the diversified characteristics of Lake City with year-long markets, community events, and ethnic food.
- Providing a gathering space for Lake City community with various amenities.
- Practicing sustainable living by treating stormwater, generating solar energy, and growing vertical farming.

# LAKE CITY MARKET

## PLANNING & PROGRAMS + SITE PLAN

SITE LOCATION:  
CURRENT BANK OF AMERICA PROPERTY  
(28TH AVE NE & NE 125TH ST)

LARC402 Neighborhood Design Studio  
Final Project Proposal | Janice Chen



# LAKE CITY MARKET

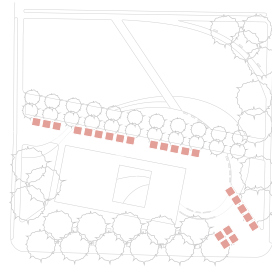
PROGRAMS  
+  
DAY VIEW

SITE LOCATION:  
CURRENT BANK OF AMERICA PROPERTY  
(28TH AVE NE & NE 125TH ST)

LARC402 Neighborhood Design Studio  
Final Project Proposal | Janice Chen

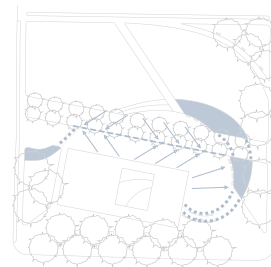
## Market Stall space

Outdoor plaza can accommodate more than 20 market stalls (10x10) as well as additional permanent market spaces inside the building.



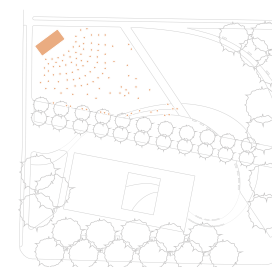
## Stormwater Treatment

The site will treat the stormwater from the structure's rooftop and pipe underground to bio-swales and rain garden.



## Public Gatherings

The north side of the site will be community park space that provides area for large events and gatherings as well as outdoor sport activities.



## Market Park

Canopy Refuge | Intimate Experience  
Rain Garden | Ecological Awareness  
Open Lawn | Community Events & Activities  
Wood Decking | More Resting Spots



## Market Street

Pedestrian Promenade | Civic Connections  
Linear Open Space | New Farmer's Market  
Tree Colonnades | Green Visual Connection





# LAKE CITY MARKET

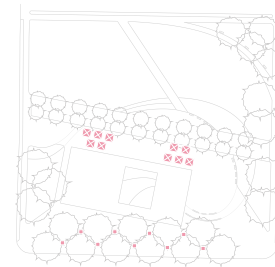
PROGRAMS  
+  
NIGHT VIEW

SITE LOCATION:  
CURRENT BANK OF AMERICA PROPERTY  
(28TH AVE NE & NE 125TH ST)

LARC402 Neighborhood Design Studio  
Final Project Proposal | Janice Chen

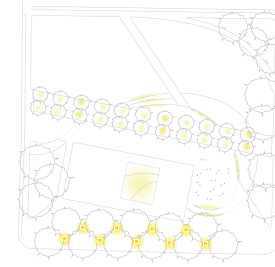
## Outdoor Dining

The plaza space adjacent to the permanent structure provides space for outdoor dining such as canopied tables and planter benches.



## Night Light

Light installations provide safe access across the site at night as well as creating a vibrant night life within the neighborhood.



## Market Plaza

Outdoor Seatings | Dining & Social  
Oak Grove | Natural Preservation  
Open Plaza | Outdoor Dancing  
Play Fountain | Active Engagement



## Sustainable Market Place

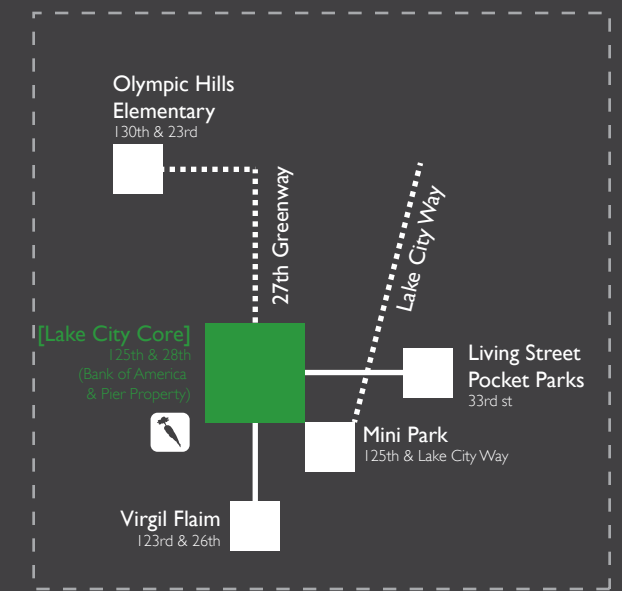
Cultural Markets | Diversed Variety  
Solar Roof Top | Energy Cycle  
Green Walls | Urban Farming  
Market Atrium | Natural Light  
Ethnic Restaurants | Healthy Eating  
Coffee & Bar | Vibrant Night Life





existing conditions  
googlemaps

# lake city core park



designer:  
bethânia boaventura

type:  
park

- design goals:
- + encourage the use of green infrastructure
  - + provide greenspace
  - + foster the development of urban agriculture

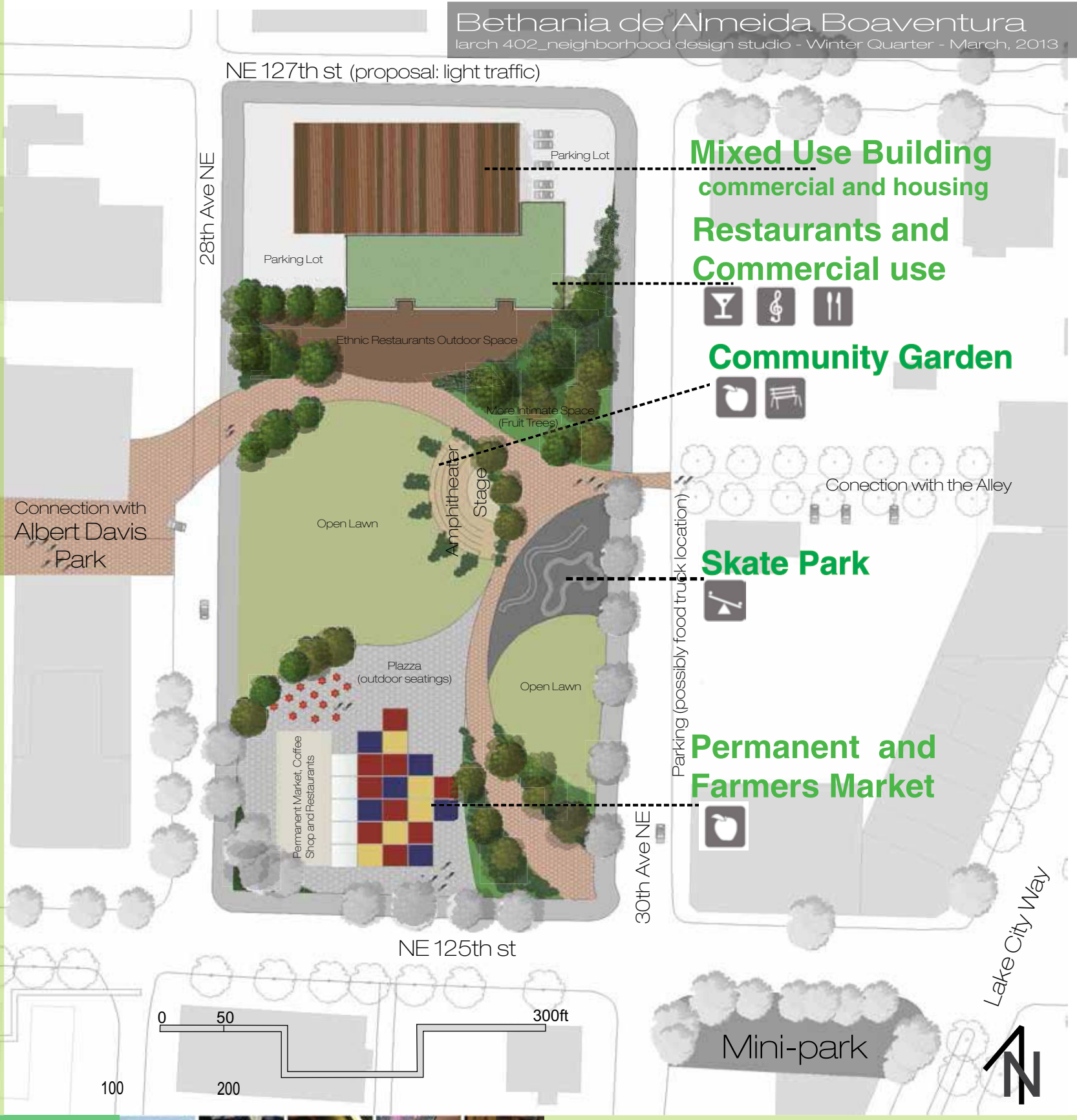


**Short-term:** Food Trucks, redesign of parking lot and paved connection.  
**Medium-term:** Permanent Market in the place of Bank of America  
**Long-term:** New mixed use buildings, design of park, redesign of ne 127th st and community center.

**Concept**

connection  
 +  
 interactivity  
 =  
 sense of  
 community

- Seasonal Change
- Relaxation
- Social
- Destination



**Proposal: Lake City Core Park**

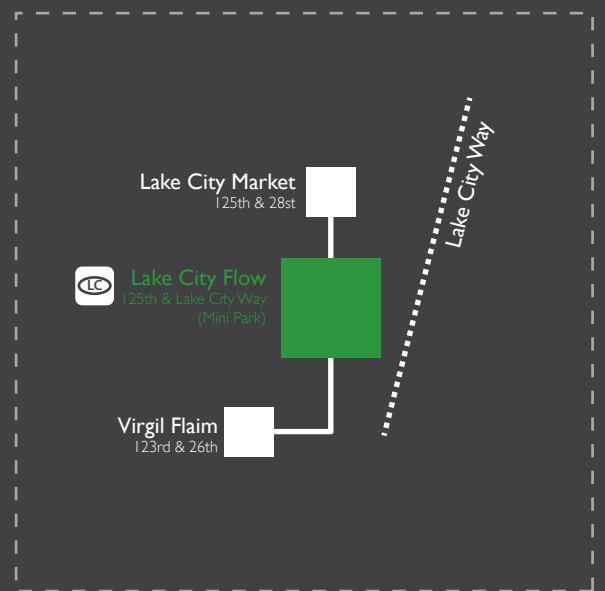
The aim of this intervention is create a more walkable neighborhood and with more opportunities that can provide a community building. This intervention consists in an intervention in the one of Pierre Properties, the parking lot next to it and the Bank Of America Building. The proposals are make an open space in lot, with a permanent market and with restaurants, commercial buildings and residential.



References:  
[http://www.tsaidesignstudio.com/architecture/moyo\\_va/](http://www.tsaidesignstudio.com/architecture/moyo_va/)  
<http://communitygarden.org.au/2009/10/05/basic-infrastructure/>  
<http://www.google.com/earth/index.html>  
<http://elnews.com/2011/11/16/shortlisted-designs-for-north-park-hub-revealed/>  
 GIS DATA  
<http://jeremiahshackelford.com/post/272172390/seasonal-skys>  
<http://blogs.extension.org/mastergardener/2011/11/28/2011-search-for-excellence-youth-category-award-winner-2nd-place/>  
<http://images.devilfinder.com/go.php?q=Mango+Bay+%7C+Destination+http://www.relax-inlifestyle.com/blog/sophrologie-relaxation-qu-est-ce-que-c-est.html>



existing conditions  
googlemaps



designer:  
jun whang

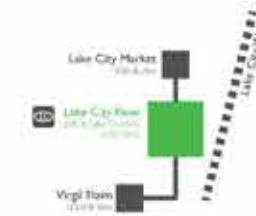
type:  
park

design goals:

- + gathering: neighborhood events
- + transportation: bicycles|buses
- + identification: culture + history

# LAKE CITY FLOW

LARCH 402  
NEIGHBORHOOD  
DESIGN STUDIO  
JUN ZHANG



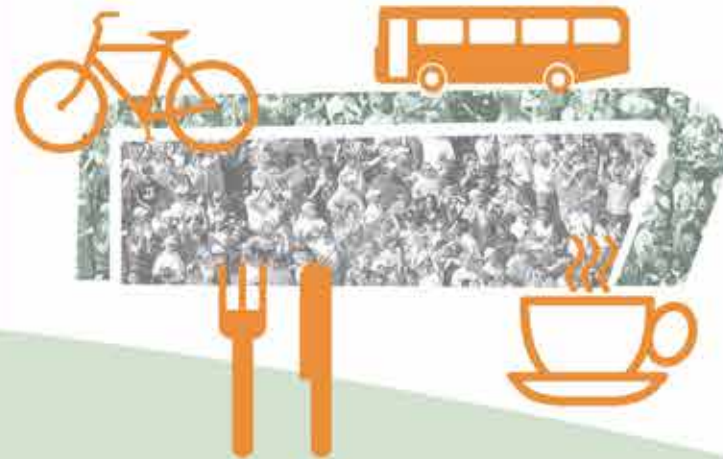
The design concept is to transform a downtown public park into a vibrant pedestrian plaza and festival place by making minimum changes to the existing condition. Provides needed public space for the commuters and local workers. A simple but rich ground pavement captures people's attention and bring them walk through the site. The ground features include previous concrete paving with bronze characters insert into the pavement, telling stories of community members in different language. This installation was inspired by the cultural diversity of lake city and create a dramatic identity for the new landscape.

In addition, the space is decorated by light strings which will encourage night time usage, such as night market, outdoor music events in the summer. Also open the parking lot allowing food truck access to site and add coffee shop could bring in more people and opportunities.

In the future, if the budget becomes available, rain gardens will be added along 125th to capture storm-water runoff and to create new access to the park, while the ark remains a flexible open space to serve local events.

The goal of the plan of 125th street is to improve the bicycle and pedestrian environment, and provide a safe and enjoyable experience when people walking or biking throughout the central area of lake city.

Completing bicycle facilities encourage residents and visitors to try bicycling, the treatments I was focusing on include improve visibility of the pedestrian crosswalk and clarify right turn section for bikers and drivers.



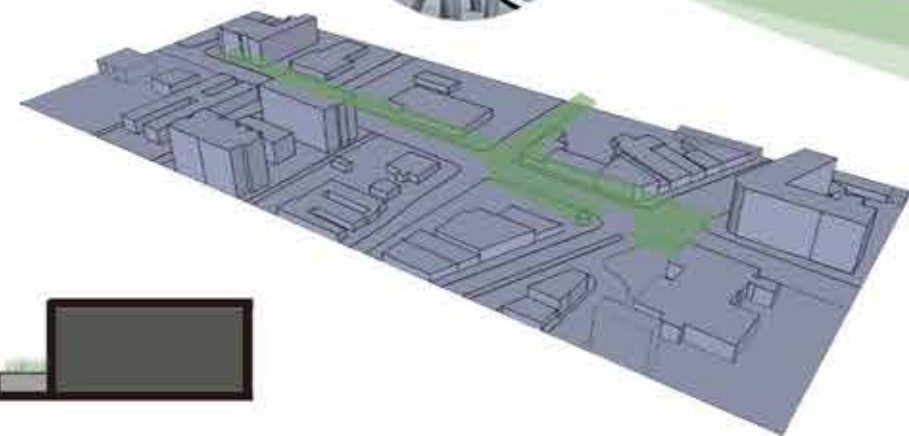
<http://www.pedbikeimages.org/resultsAdv.cfm?istag=raised%20crosswalk>  
Rapid City Bicycle and Pedestrian Master Plan: Pg147, Pg 172

<http://blogs.kqed.org/bayareabites/2011/03/04/food-trucks-with-japacurry-it-should-be-all-about-the-food/>

<http://www.apartmenttherapy.com/simple-green-led-lights-for-th-58106>

[http://www.johnharveyphoto.com/Life/05\\_2007/DowntownNightMarket.html](http://www.johnharveyphoto.com/Life/05_2007/DowntownNightMarket.html)

<http://www.forms-surfaces.com/bike-garden-bike-rack>



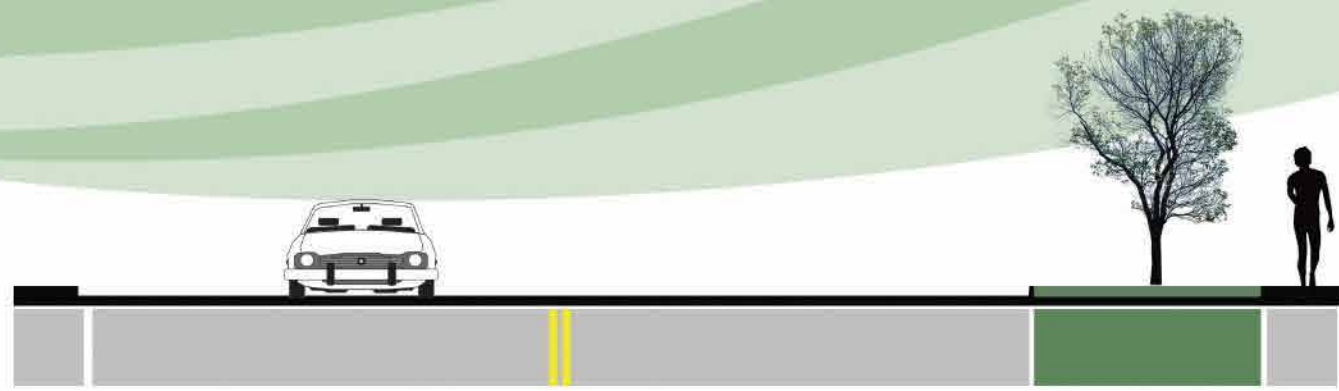
1" : 15'



SECTION  
1

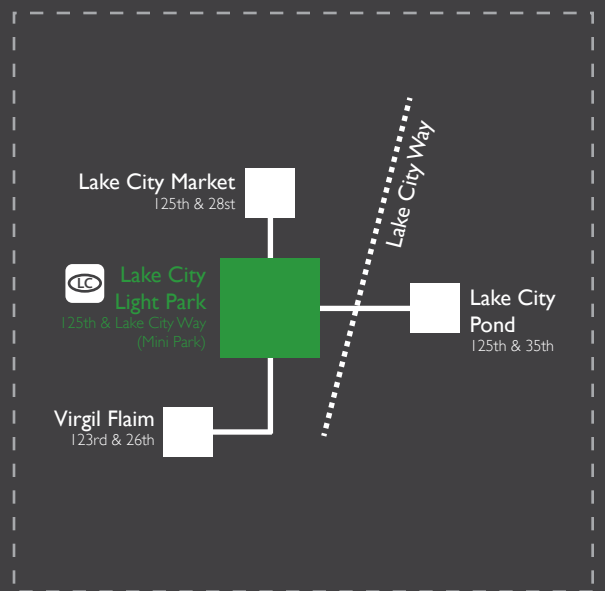


SECTION  
2





existing conditions  
googlemaps



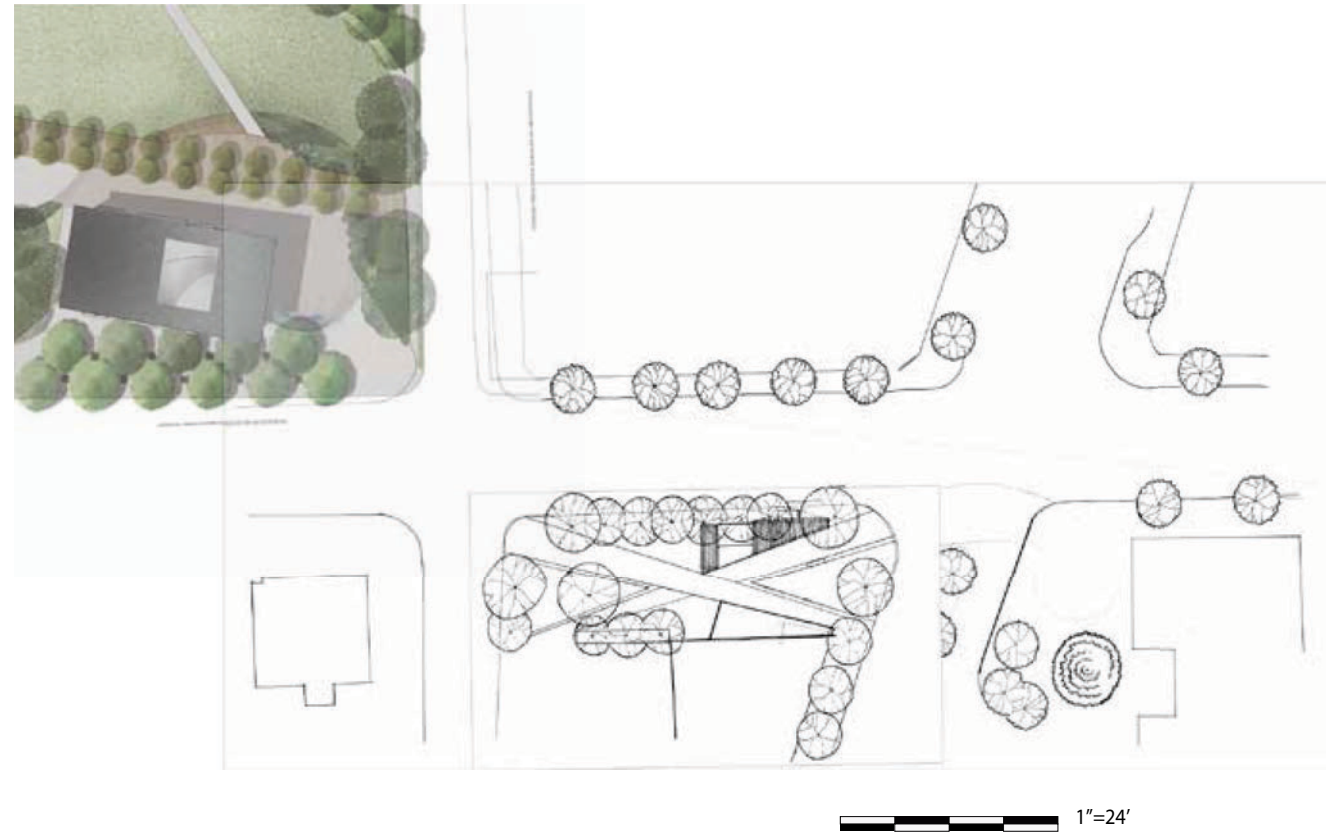
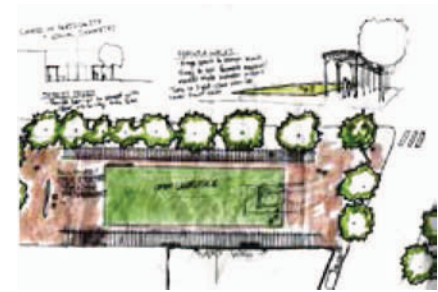
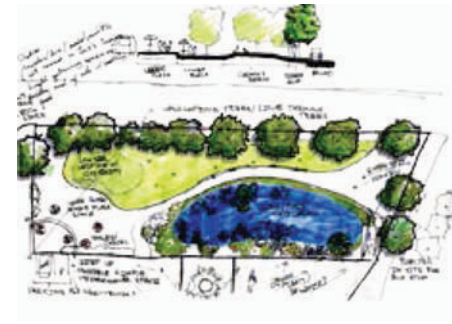
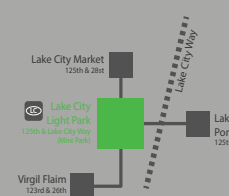
designer:  
caitlin lockhart

type:  
park

design goals:  
  
+ light  
+ programming  
+ central hub

# Lake City Light Park

Texttexttexteatl;kna;von;ew ois;kn;ldka;dlif;aeoifna;lkv n;kljv;oije ;kldnm;iks idf ail;aidf a  
;alsdfn a;ewoifnas;kvndsm; viovn a;kenjm dincvl;soi;ncv a;oin kij;invaineoa;kinv i  
as;vine Paragraph Paragraph paragparh odaj;kblah blah blah bla blah blah blah blah  
blah blah blah blah blha blah blah blah blhb



Aection - Across Lake City Way Connection



## Daylighting revealing systems, flows, and the downtown core of Lake City



## Nightlighting Providing security and opportunity for activity at all times.



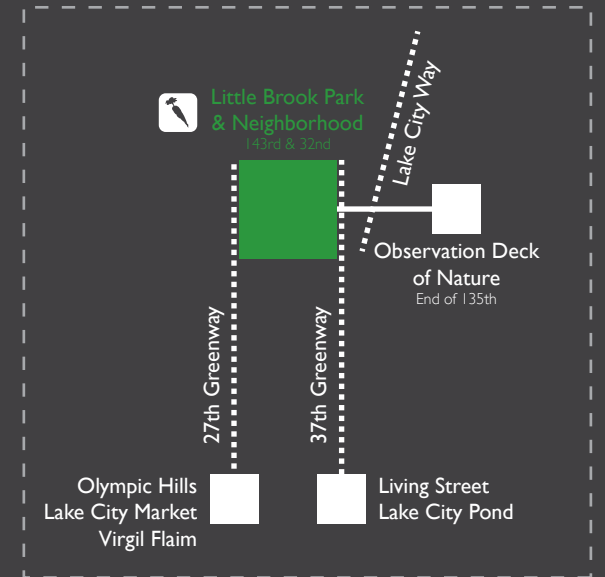
Image Credits:  
Original Basemap: GIS  
Before Perspectives: Caitlin Lockhart  
After Perspectives & Sections: Google Sketchup  
Lake City Civic Park Plan: Janice Chen  
Image 1: [http://jaytsaiphotography.com/wp-content/uploads/2011/08/19\\_san-francisco-wedding-outdoor-dancing.jpg](http://jaytsaiphotography.com/wp-content/uploads/2011/08/19_san-francisco-wedding-outdoor-dancing.jpg)  
Image 2: [http://2.bp.blogspot.com/\\_g1QYyfo](http://2.bp.blogspot.com/_g1QYyfo)  
Image 3: [http://1.bp.blogspot.com/\\_qpE5hNwi618/TMxP78dPs9I/AAAAAAAAAKI/ZFWJ6S\\_Cd5I/s1600/jack.jpg](http://1.bp.blogspot.com/_qpE5hNwi618/TMxP78dPs9I/AAAAAAAAAKI/ZFWJ6S_Cd5I/s1600/jack.jpg)  
Image 4: <http://www.immivietnamvisa.com/wp-content/uploads/2013/01/Spring-Flower-Markets-on-Tet-holiday-2013.jpg>





existing conditions  
googlemaps

# little brook park



*designer:*  
biruk belay

*type:*  
park

*design goals:*

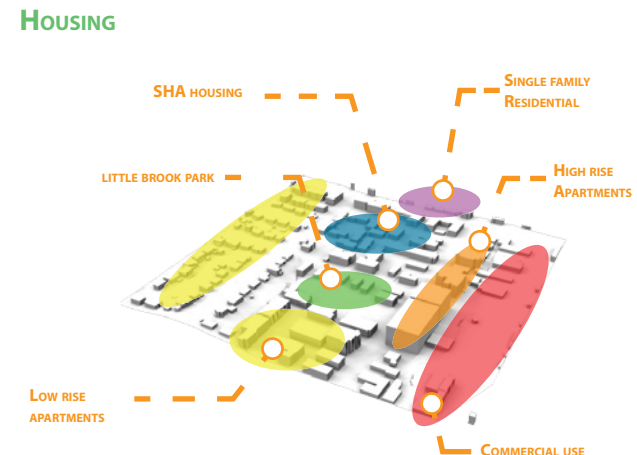
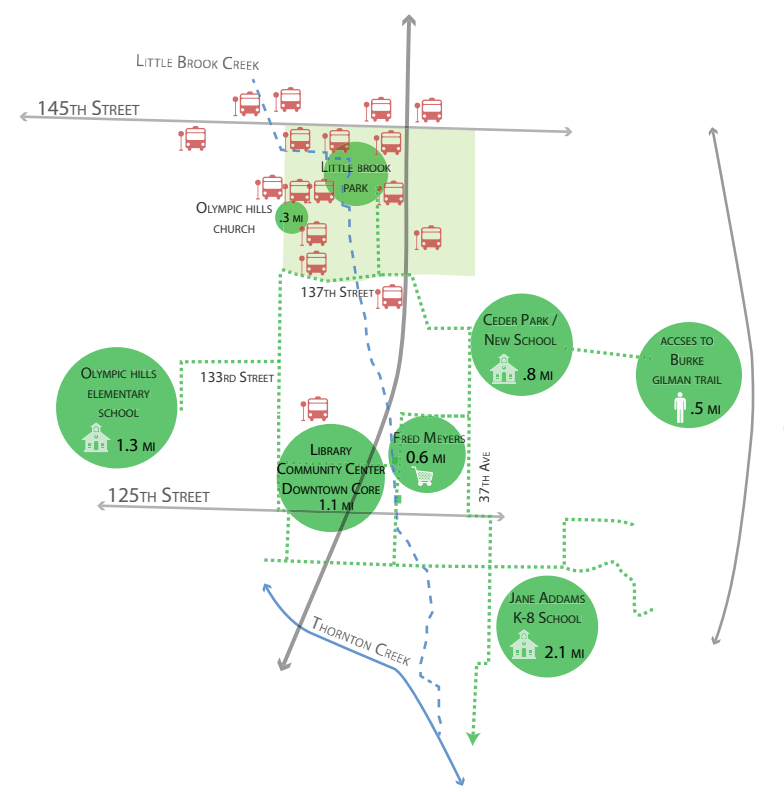
- + connection to local destinations
- + education | exploration
- + build a vibrant community

# SITE LITTLE BROOK NEIGHBORHOOD

University of Washington / Neighborhood Design Studio / Winter 2013 / Biruk Belay

## OVERVIEW

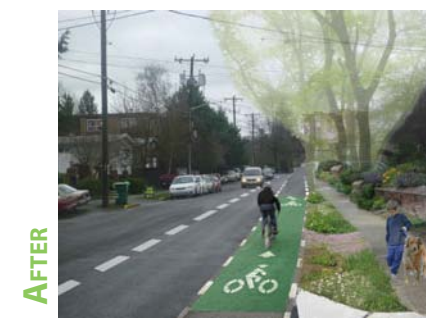
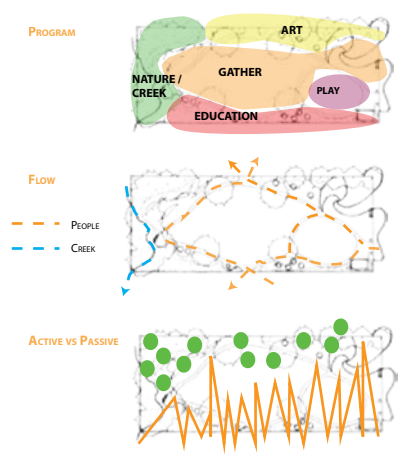
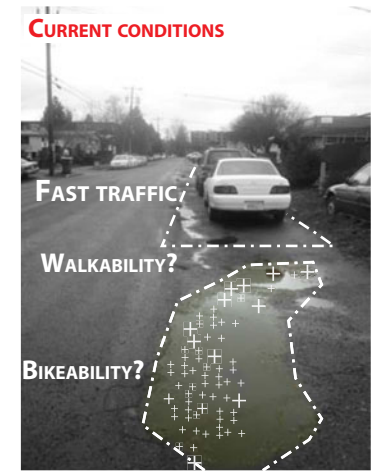
Located on the northern edge of Lake City, Little Brook is one of the most dense and heavily populated neighborhoods in the Seattle area. The community is made of people from around the world and is known for its diverse cultures. Although many people live in this community, Little Brook has been ignored by the city and is struggling with crime, traffic safety, density and also lack of identity. The design that I have proposed looks closely at *way finding* and *greenways* to allow residents to move and circulate to different destinations. Designing with *ecological systems* not only provide a *learning* opportunity for kids and people of all ages but it also integrates the element of *play*. The design of the Little Brook also incorporates these different systems and provides a space to *celebrate* cultures of all kinds.



- ### SHORT TERM GOAL
- BRING VIBRANT COLORS TO THE STREETS
  - DISPLAY OUR UNITY AND DIVERSITY
  - MURAL FOR WAY FINDING

- ### MEDIUM TERM GOAL
- BUILD STRONGER CONNECTION
  - REPAIR POTHOLES
  - NEW BUS STOPS

- ### LONG TERM GOAL
- WALKABLE AND BIKEABLE STREETS
  - SAFE SCHOOL ROUTS
  - CURB CUTS FOR SAFE CROSSING, SLOW TRAFFIC AND STORM WATER TREATMENT



- ### SHORT TERM GOAL
- HOSTING DIFFERENT EVENTS IN THE PARK
  - CULTURAL EVENTS
  - ADD INFO KIOSK WITHIN THE PARK

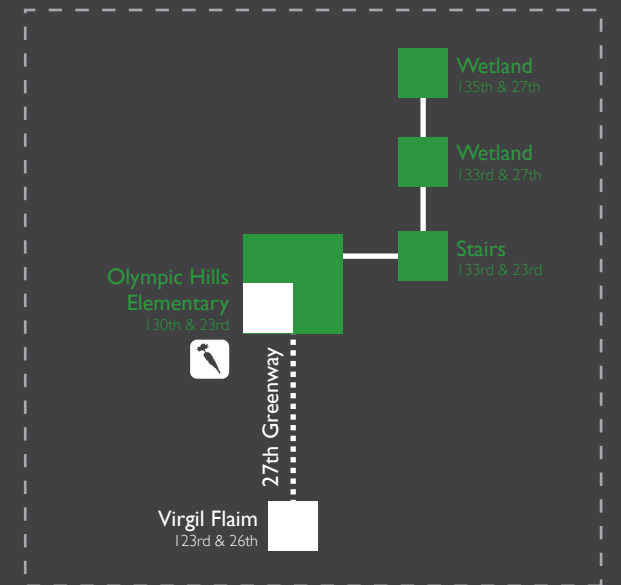
- ### MEDIUM TERM GOAL
- CREATING A GATHERING SPACE
  - RESTORING RIPARIAN EDGE OF LITTLE BROOK CREEK
  - ADDING MULTIPLE ACCESS TO THE PARK

- ### LONG TERM GOAL
- SPACE FOR EDUCATION, ART, EXPLORATION AND DISCOVERY
  - CONNECTION TO OTHER GREEN SPACES
  - ENHANCING LITTLE BROOK CREEK



existing conditions  
googlemaps

# the blue necklace



designer:  
lawrence chung

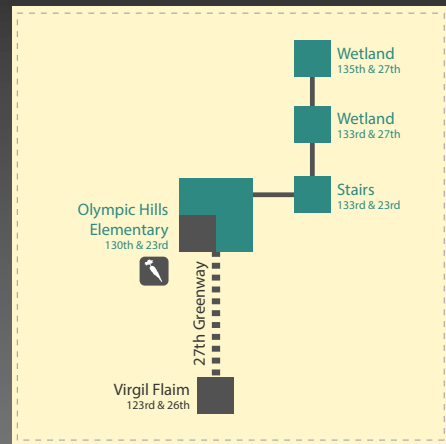
type:  
pocket parks

design goals:

- + highlight spaces throughout the community
- + bring awareness to the water
- + encourage interaction

# From Little Brook to Olympic Hills... the blue necklace

## system overview ...



## Phasing ... short-term target

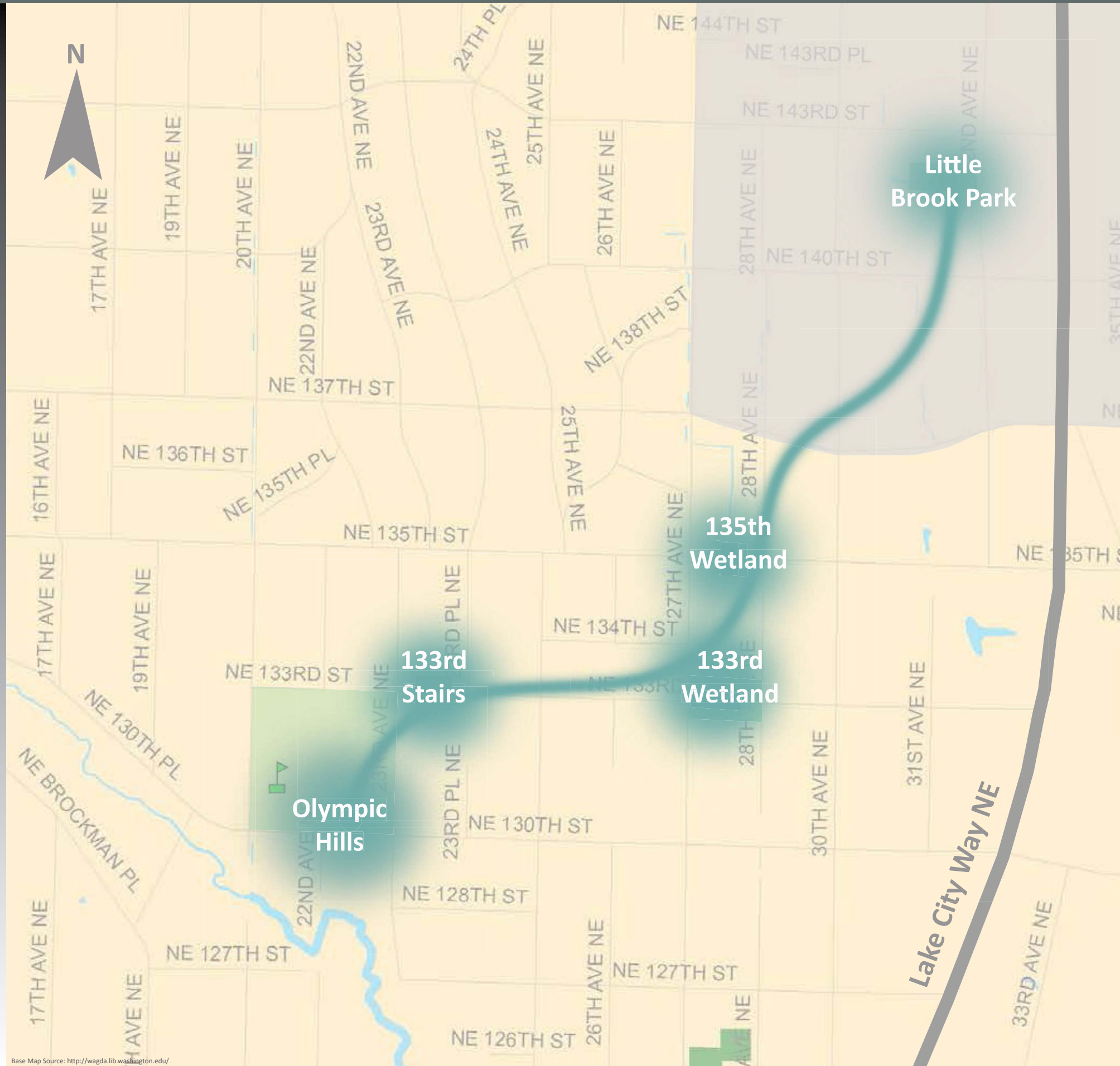
- Health-Related Themes ...
- learning
  - play
- Objective ...
- activate public spaces in a fast and inexpensive manner to allow children to experience and enjoy Thornton Creek's tributaries
  - encourage people to spend time in these spaces by having low impact installations such as rocks, mulch, and LED lighting
- Programs ...
- removal of non-native plants by Olympic Hills students
  - class field trips to encourage students to brainstorm how they would like to use the spaces

## mid-term goal

- Health-Related Themes ...
- urban agriculture
  - greenways
- Objective ...
- install permanent play elements that also stimulate learning
  - increase ecological literacy via exposure to wetland habitat
  - increase area for urban agriculture
  - visually and systematically link together the sites within blue necklace
- Programs ...
- planting native species or produce
  - educational signage detailing plant descriptions
  - p-patch / organic farming demonstrations

## long-term vision

- Health-Related Themes ...
- greenways
  - green infrastructure
  - learning
  - play
- Objective ...
- utilize the full potential of local wetland system to provide open spaces for kids and adults traveling between the Little Brook neighborhood and Olympic Hills Elementary
  - build a permanent stormwater management facility that treats urban runoff from nearby impervious surfaces
  - install low-profile windmills to harvest renewable wind energy
  - use the same facility as both an educational and entertainment venue
- Programs:
- build the Olympic Hills stormwater treatment park
  - collaborate with RainWise to construct rain gardens in Olympic Hills
  - wetland habitat showroom or educational center
  - birdwatch



Base Map Source: <http://wagda.lib.washington.edu/>

## now ...

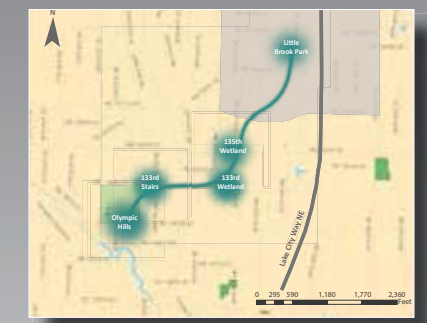
underutilized and disconnected spaces, but within close proximity with Little Brook, a diverse and dense neighborhood, street ends with tributaries running through, and Olympic Hills Elementary School ...



Base Map Source: <http://wagda.lib.washington.edu/>

## concept blue necklace ...

The tranquility and beauty of tributaries located on NE 135th & NE 133rd St propelled me to envision concept blue necklace. These existing gems of Lake City are ideal places to provide enriching educational and leisure experiences to Lake City residents. The primary intended users of blue necklace are Olympic Hills Elementary's students and their parents living in the Little Brook community. Little Brook is Lake City's densest neighborhood and is within Olympic Hill's attendance area. Many of the families' mode of transport is either public transit or on foot. Therefore, by mimicking the organic FLOW of WATER, concept blue necklace aims to provide a seamless commute experience between Little Brook and Olympic Hills through the use of unique wayfinding features.



Base Map Source: <http://wagda.lib.washington.edu/>

## system and network ...

Inspired by the tributaries of Thornton Creek, concept blue necklace connects various design ideas generated by the studio. Utilizing the proposed greenway on 27th Ave NE, the blue necklace becomes a pedestrian tributary of Thornton Creek that connects the 135th & 133rd wetlands and 133rd stairs with Little Brook Park & Neighborhood, designed by Biruk Belay. Concept blue necklace also links the wetlands and the stairs to the stormwater treatment park in Olympic Hills, which is connected with the bioswales in Eunice Lo's design "Sensory Adventure" on NE 130th St.



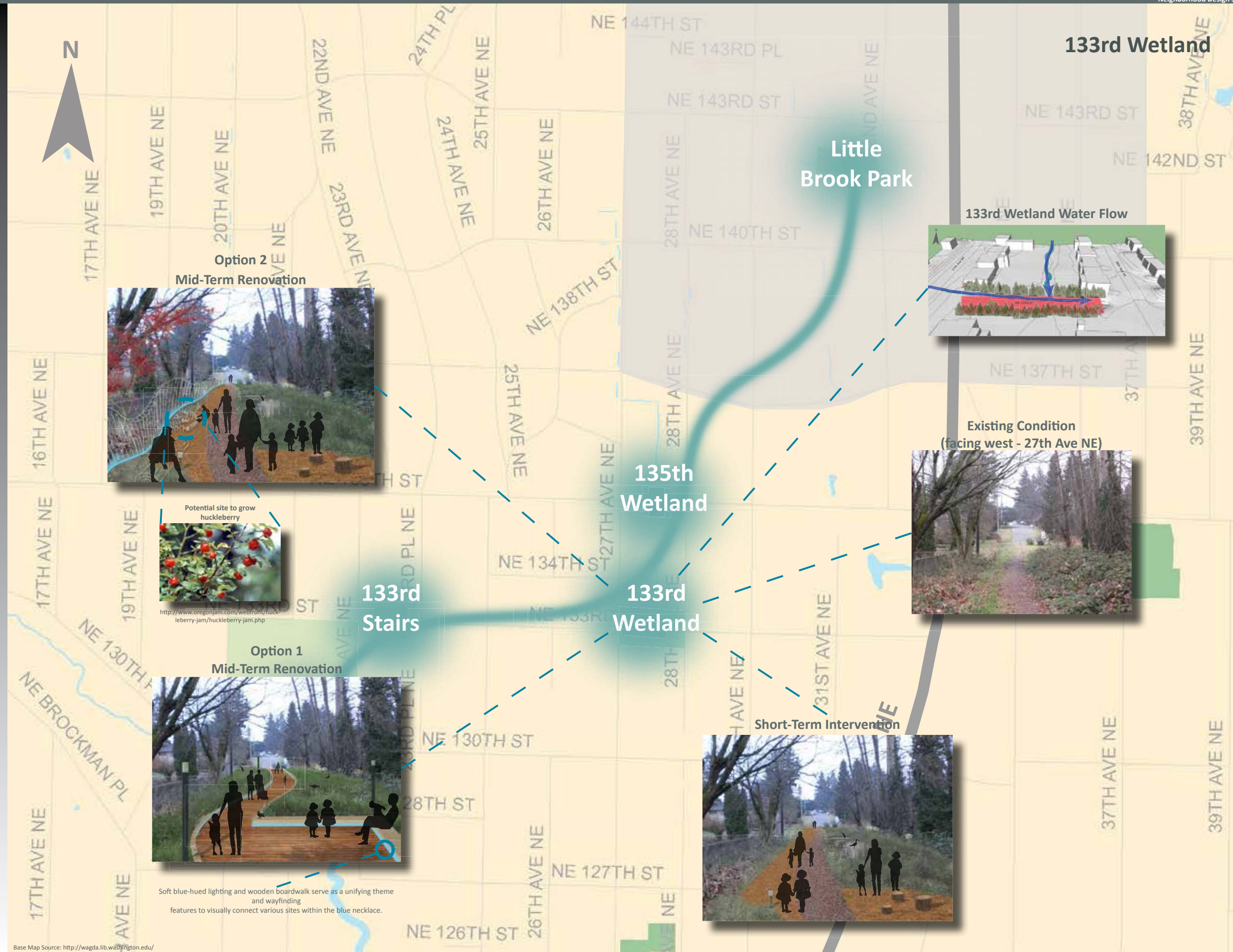
Base Map Source: <http://wagda.lib.washington.edu/>

# From Little Brook to Olympic Hills... the blue necklace



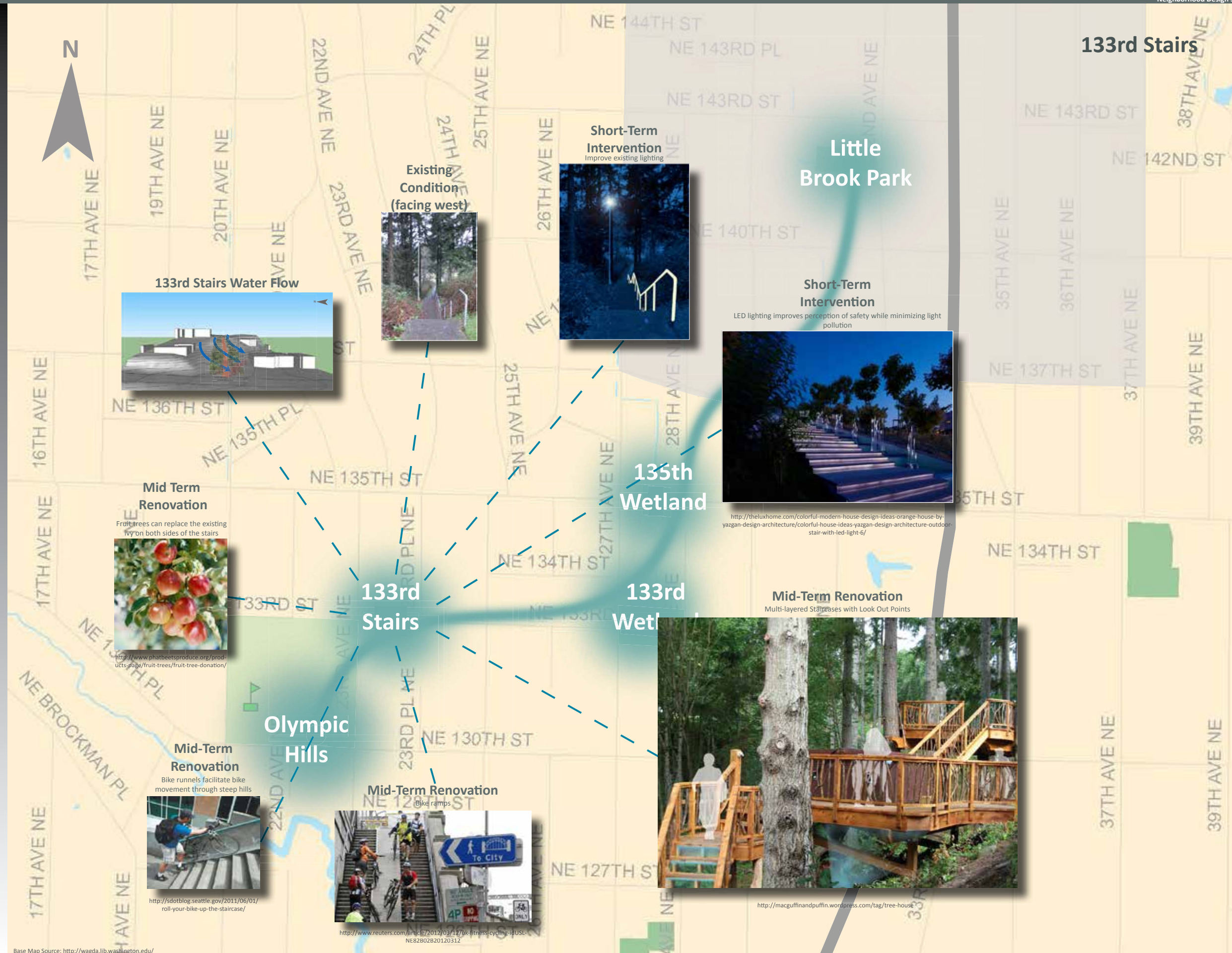
Base Map Source: <http://wagda.lib.washington.edu/>

# From Little Brook to Olympic Hills... the blue necklace



Base Map Source: <http://wagda.lib.washington.edu/>

# From Little Brook to Olympic Hills... the blue necklace

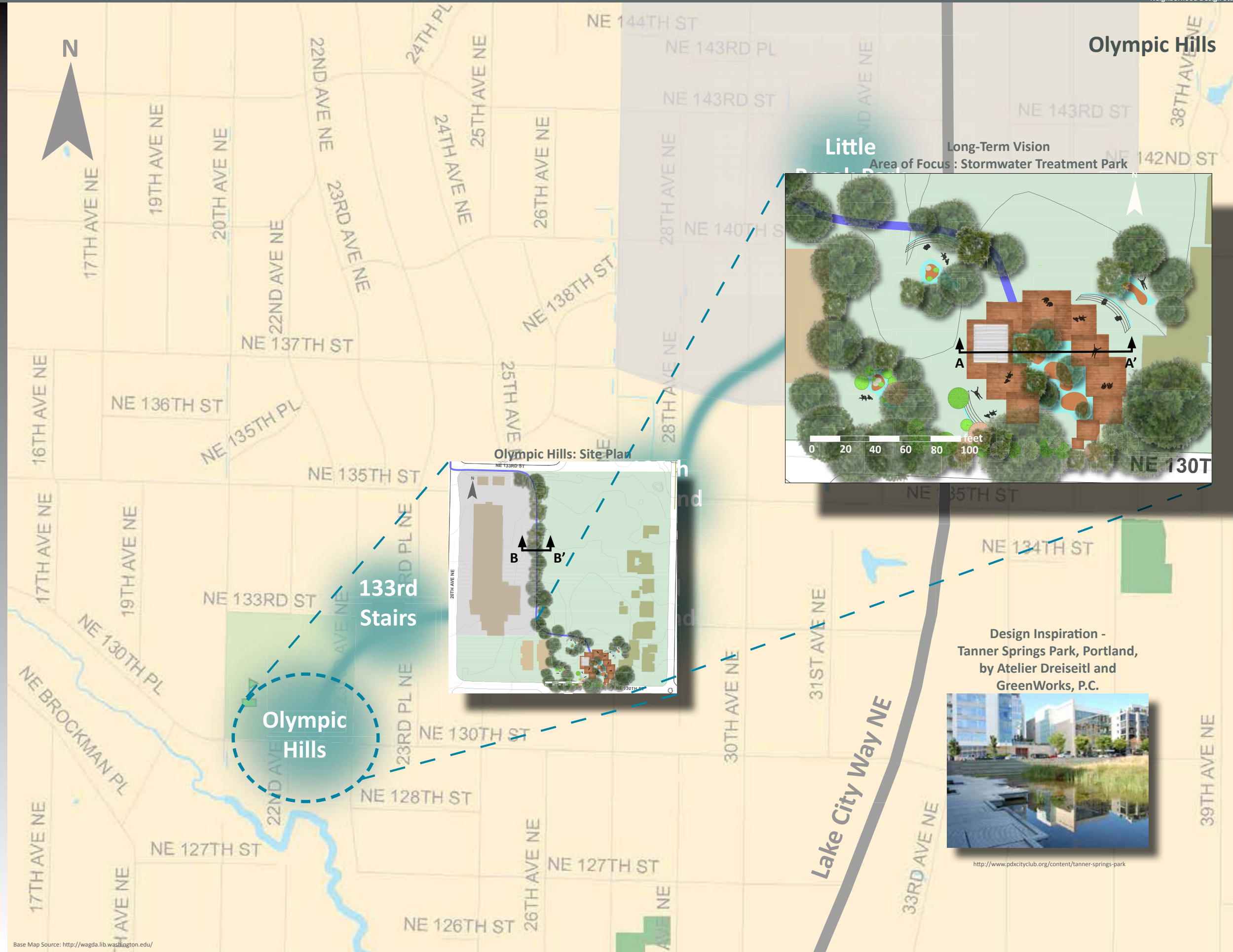


# From Little Brook to Olympic Hills... the blue necklace





# From Little Brook to Olympic Hills... the blue necklace

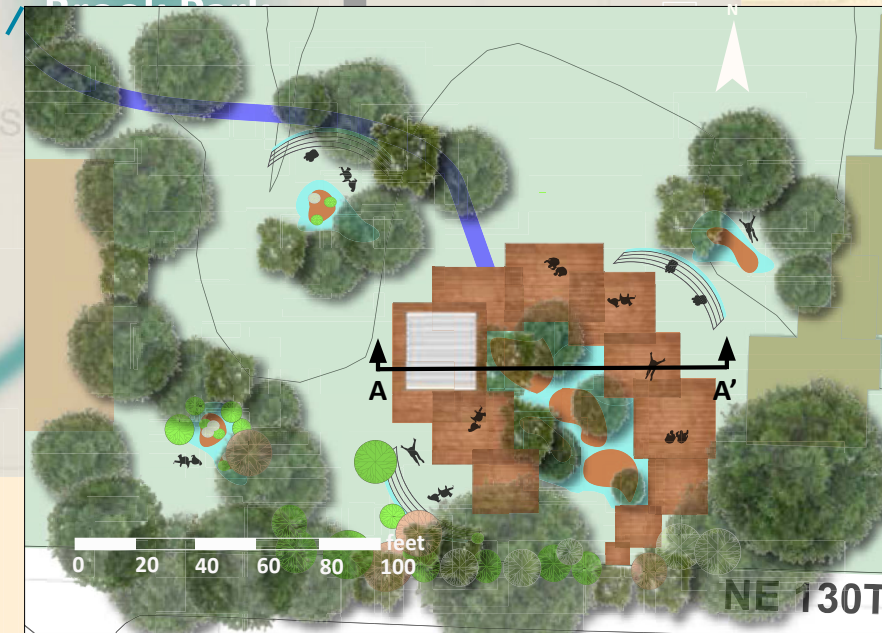
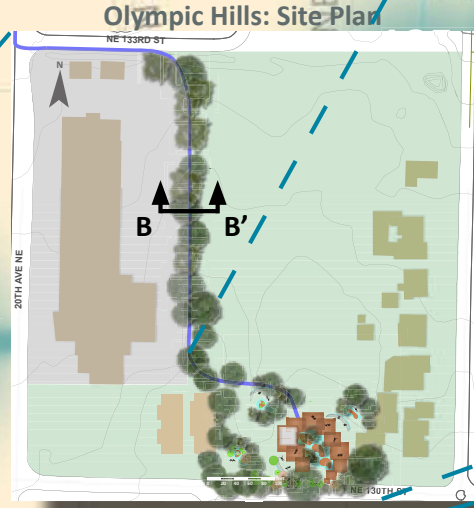


Olympic Hills

Little

Long-Term Vision

Area of Focus: Stormwater Treatment Park



133rd Stairs

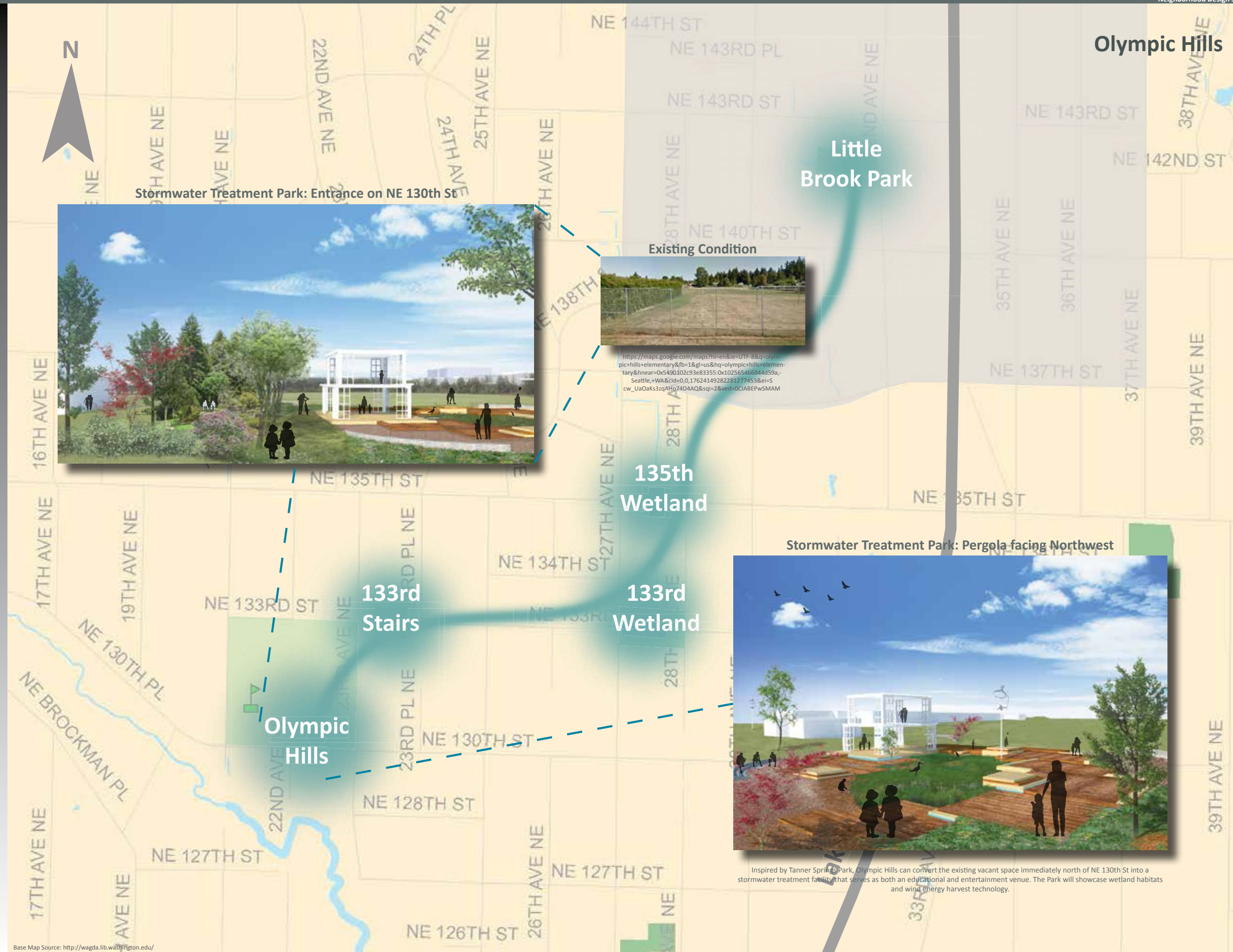
Olympic Hills

Design Inspiration -  
Tanner Springs Park, Portland,  
by Atelier Dreiseitl and  
GreenWorks, P.C.



<http://www.pdxcityclub.org/content/tanner-springs-park>

# From Little Brook to Olympic Hills... the blue necklace



[https://maps.google.com/maps?hl=en&ie=UTF-8&q=olympic+hills+elementary&fb=1&gl=us&hq=olympic+hills+elementary&hnear=0x5490102c93e83355:0x102565466944d59a,-Seattle,+WA&cid=0,17624149282281277453&ei=Scw\\_UaOaks3zqAHq74D4AQ&sqi=2&ved=0CIAEPwSMAM](https://maps.google.com/maps?hl=en&ie=UTF-8&q=olympic+hills+elementary&fb=1&gl=us&hq=olympic+hills+elementary&hnear=0x5490102c93e83355:0x102565466944d59a,-Seattle,+WA&cid=0,17624149282281277453&ei=Scw_UaOaks3zqAHq74D4AQ&sqi=2&ved=0CIAEPwSMAM)

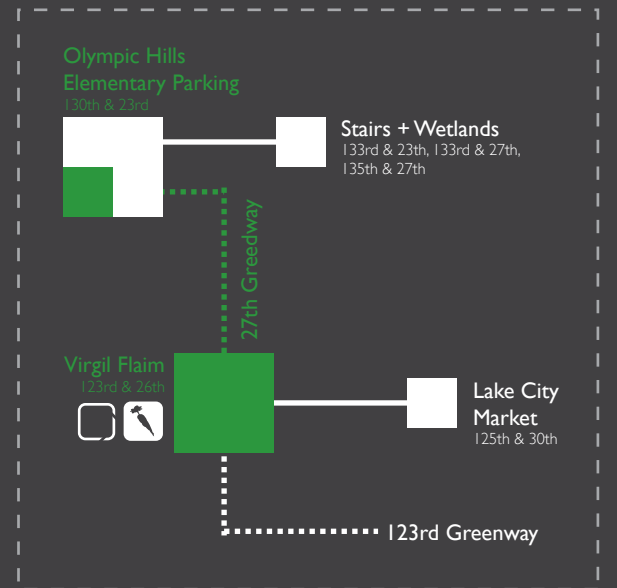


Inspired by Tanner Springs Park, Olympic Hills can convert the existing vacant space immediately north of NE 130th St into a stormwater treatment facility that serves as both an educational and entertainment venue. The Park will showcase wetland habitats and wind energy harvest technology.



existing conditions  
googlemaps

# sensory adventure



designer:  
eunice lo

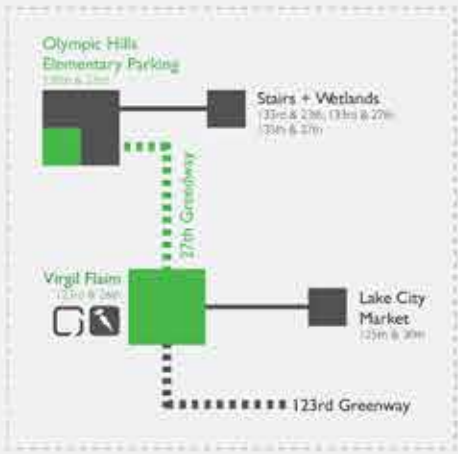
type:  
greenway

design goals:

- + develop a path of sensory interaction
- + utilize green stormwater management techniques
- + provide a safe passage

# SENSORY ADVENTURE

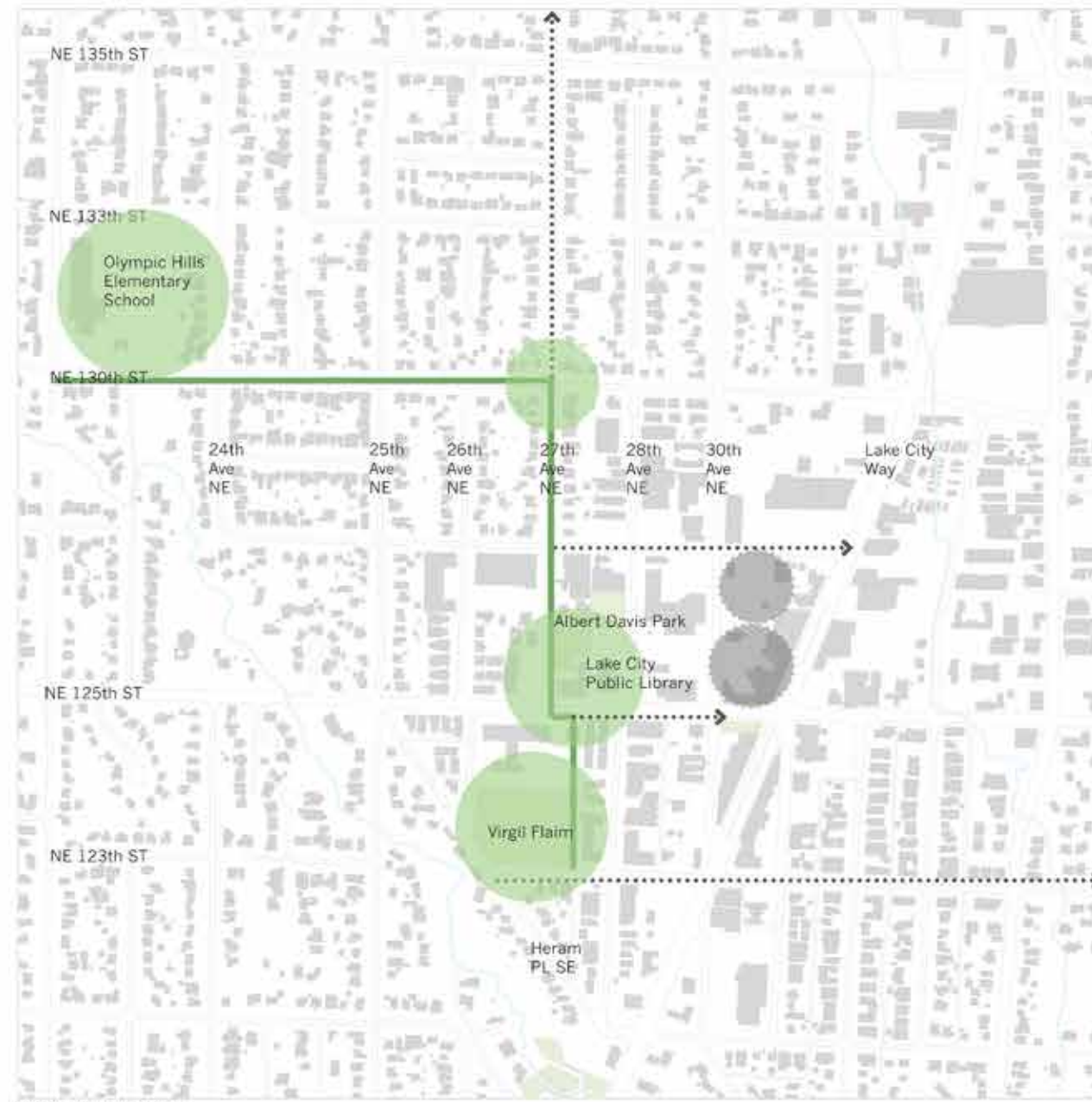
NE 130th ST & 27th AVE NE Greenway



## Landscape | Explore | Connect

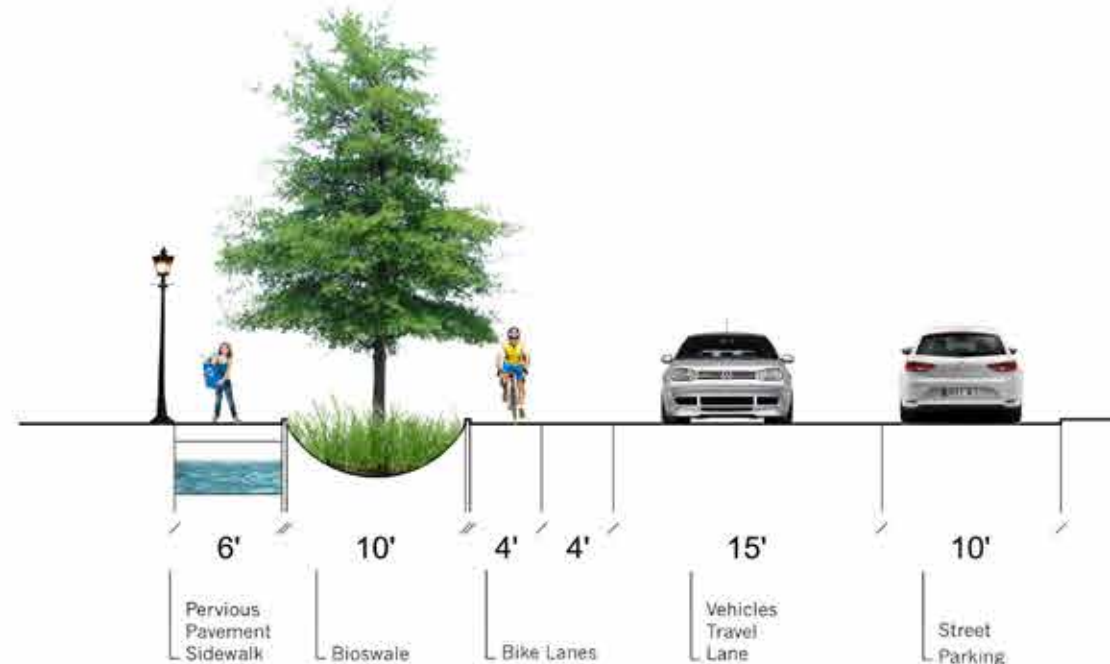
The concept of my design area is to create an outdoor sensory exploration adventure for the neighborhood. A series of **PLAY** elements will be implemented throughout the design area and together will construct an outdoor **ECOLOGICAL LEARNING** campus for kids. **GREEN INFRASTRUCTURES** will be installed to reveal different ways to treat, clean, and recycle rainwater. Signages along the **GREENWAYS** will provide **WAYFINDING** cues to connect pedestrians from the Olympic Hills neighborhood to the Lake City Urban Center and the nearby neighborhoods.

## Context Diagram



Base Map: www.wagda.com

## NE 130th PL Greenway Section



## Olympic Hills Elementary Parking Lot



1. Rainwater Collecting Funnels
2. Seatings
3. Bioswales
4. Orchard Trees
5. Bike Parking Rainwater Harvesting Structure
6. Rainwater Harvesting Shelter
7. ADA Parking Spots
8. Wayfinding Sign
9. Patterned Pervious Sidewalks
10. Street Parking
11. Bike Lanes
12. Vehicle Lanes

Base Map: www.googlemaps.com

## Rainwater Harvesting Structures



Similar structures will be implemented into the Olympic Hills Elementary parking lot to create an interactive rain garden. Water from roofs of structures is channeled into catching basins and eventually into the outstretched hands of students for sensory experiences. The structures also feature water falling into rain gardens which provide another sensory experience for students and an opportunity to learn about rainwater treatment.

1) <http://playgrounddesigns.blogspot.com/2010/02/william-carter-school-play-escape-boston.html>  
 2) <http://habitat.com/digitally-fabricated-boston-harbor-islands-pavilion-collects-rainwater-for-irrigation/>

## Rainwater Collecting Funnels



Funnels in the wall of the school building could be made of various metal sizes or various shapes which displays the movement of water and creates a rhythmic sound as the water flows down the funnels which adds to the sensory experience for kids. Water will eventually be funneled into a rain garden to display the work of plants in treating water.

1) <http://designpost.com/2012/01/musical-rain-gutter-funnel-wall-in-dresden-germany/>  
 2) <http://habitat.com/2012/04/21/acqua-viva-rainwater-collection-system-acqua-viva-4/feature-1/>

## Short Term Interventions

Designate sidewalks, bike lanes, street parking lanes and vehicle travel lanes with paint  
 Launch educational and community-building programs for kids and neighborhoods:

- Engage neighborhood and kids to create temporary speed limit signs, kids zone signs and stop signs
- Engage neighborhood and kids to create wayfinding signs
- Engage neighborhood and kids to plant native plants in bioswales and plant orchard trees along sidewalks
- Engage neighborhood and kids to paint murals and patterns on pavement to reclaim neighborhood assets

Install bike parking racks in school

## Long Term Interventions

Install public necessities: streetlights, stop signs and traffic signals

- Replace paint with small bumpers to designate sidewalks, bike lanes, street parking lanes and vehicle lanes
- Install curbs with bioswales
- Install pervious patterned-pavement sidewalks
- Install permanent stop signs and speed limit signs
- Install wayfinding signage

- Install ecological education elements in school:
  - Install rainwater harvesting bike parking structure
  - Install rainwater harvesting shelter
  - Install rainwater collecting funnels in walls
  - Install bioswales in parking lot

27th AVE NE Greenway Roundabout



1. Bioswale Roundabout
2. Wayfinding Pattern Pavement
3. Bioswales
4. Orchard Trees
5. Wayfinding Signs
6. Patterned Pervious Sidewalks
7. Street Parking
8. Bike Lanes
9. Vehicle Lanes



**Concrete Imprinted Patterns**  
 Patterns will be a wayfinding cue. Patterns could be symbols of different ethnicity groups in the neighborhood.

1) [www.kalret.com](http://www.kalret.com)  
 2) <http://carpoint.com/blog/ways-13-734>



**Wayfinding Signs**  
 Signages will be installed to indicate directions. They will be put at major stopping points along the walk where different sensory attractions are implemented.

1) <http://www.studiosculpt.com/?p=116>  
 2) Photo from Professor Julie Johnson

**Short Term Interventions**  
 Designate sidewalks, bike lanes, street parking lanes and vehicle travel lanes with paint  
 Establish community-building program:  
 Engage neighborhood to create temporary speed limit signs, kids zone signs and stop signs  
 Engage neighborhood to create temporary wayfinding signs  
 Engage neighborhood to plant orchard trees along sidewalks  
 Engage neighborhood to paint on pavement to reclaim neighborhood assets



**Rainwater Instruments**  
 These rain instruments displays an interactive and playful side of rainwater. When rainwater hits the surface of the instruments, it creates a rhythmic sound.

1) <http://www.trendhunter.com/sliderhow/cycled-furniture-features#2>  
 2) [www.flickr.com](http://www.flickr.com)

**Long Term Interventions**  
 Install public necessities: streetlights, stop signs and traffic signals  
 Engage public artists to create wayfinding signages  
 Replace paint with small bumpers to designate sidewalks, bike lanes, street parking lanes and vehicle lanes  
 Reduce NE 125th ST to two-lane traffic  
 Install curbs with bioswales  
 Install pervious patterned-pavement sidewalks

Albert Davis Park Entrance and NE 125th ST



1. Bioswales
2. Rainwater Drums
3. Seatings
4. Wayfinding Signs
5. Orchard Trees
6. Patterned Pervious Sidewalks
7. Bike Lanes
8. Designated Bike Crossing
9. Pedestrian Crosswalk
10. Vehicle Lanes
11. Street Trees



Perspective view of NE 125th ST

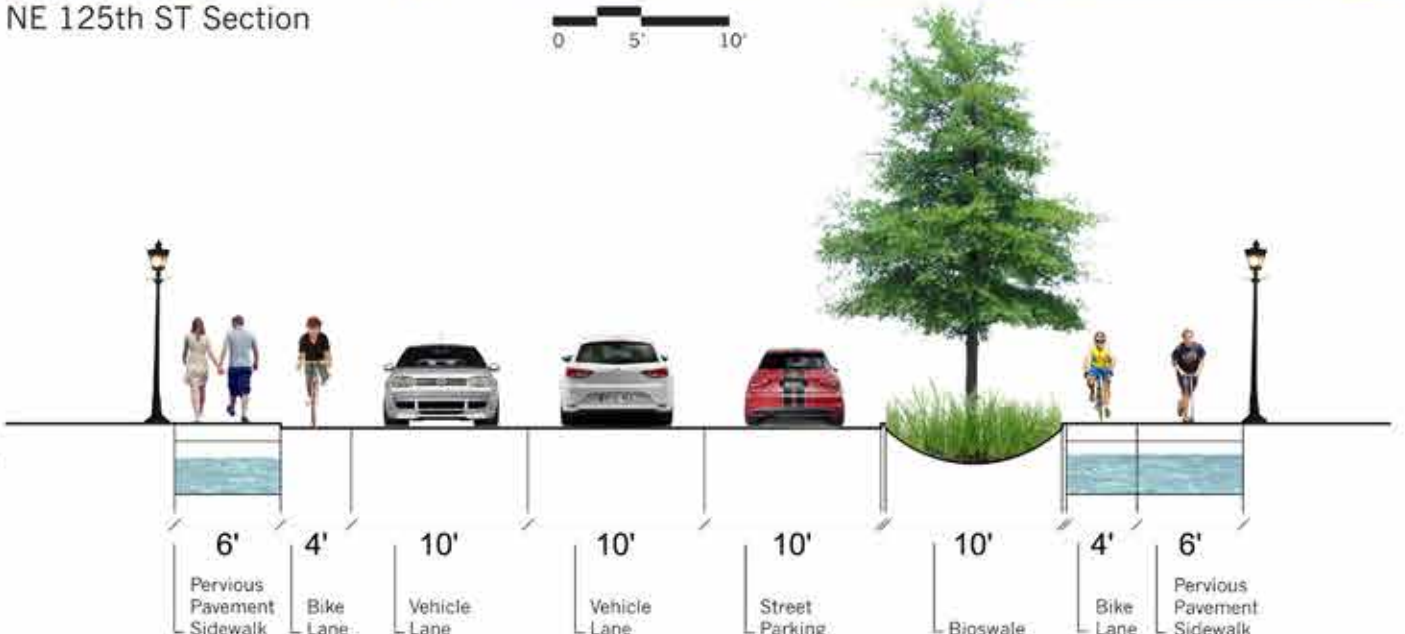
Before



NE 125th ST Section



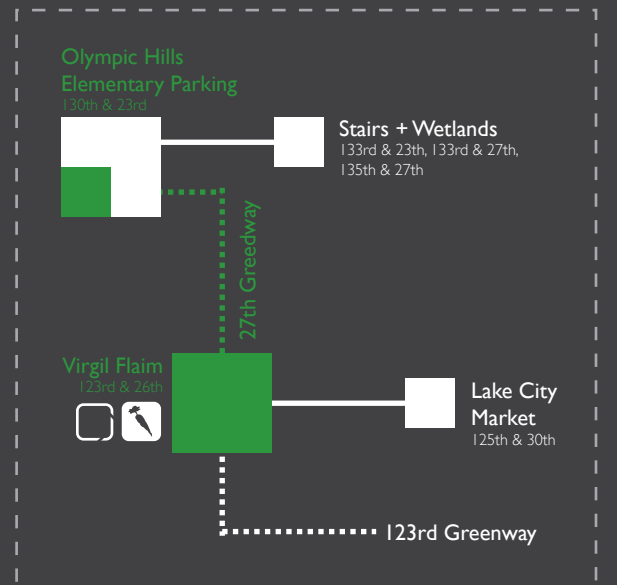
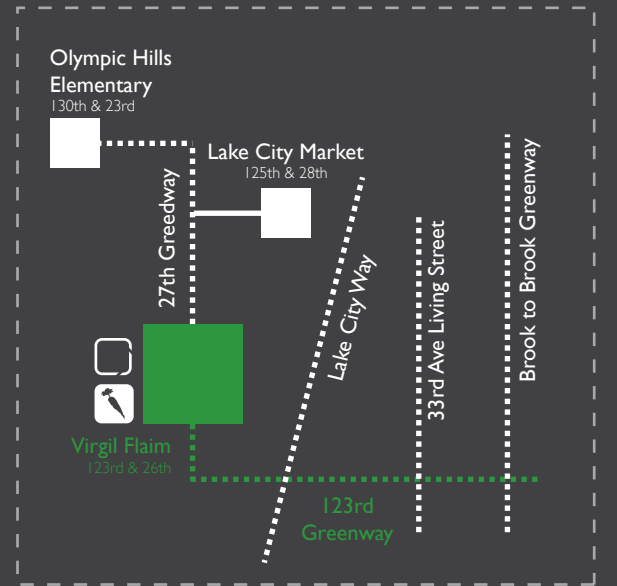
After





existing conditions  
googlemaps

# virgil flaim



designer:  
ann dinthongsai + eunice lo

type:  
park

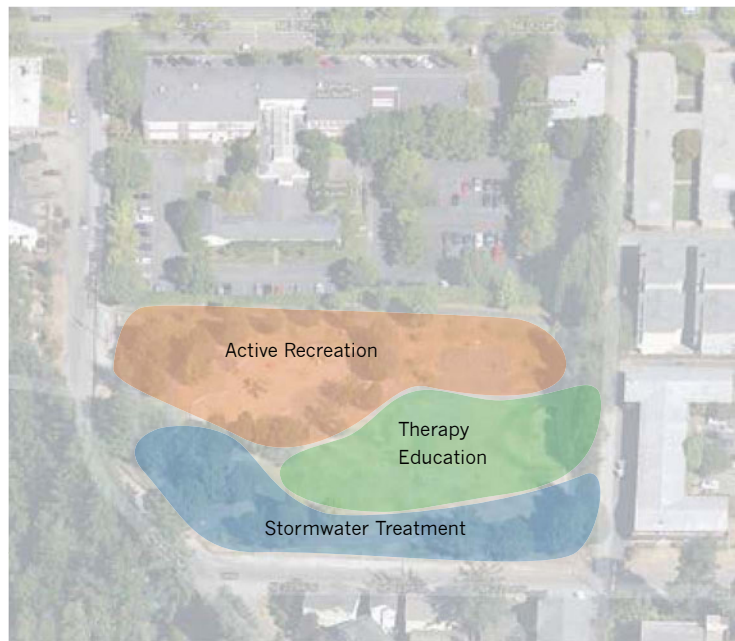
# VIRGIL FLAIM

27th AVE NE & NE 123rd ST | A sensory experience through programatic design in **education, therapy, and recreation**

Learning takes place beyond the classroom, whether at recess, walking home, or somewhere in between. Site design is crucial to a child's education because of the way the landscape aids in learning by calming young mind and encouraging active exploration. Our project emphasizes landscape programs, safety and surveillance, education through hands-on experience, and provides for a variety of gathering spaces and opportunities for social interaction for the community. Therapeutic elements from the clinic will be carried into the site through establishing sensory garden plots accessible to the disabled. Rain gardens along the boundary of the park will collect stormwater and water will eventually be reused for irrigation at the garden plots. The design through the park will show kids simple and sustainable solutions in dealing with stormwater.

- Programs:
- Play in playground
  - Play basketball
  - Stroll, jog through park
  - Picnicing
  - Gardening
  - ADA accessible therapeutic sensory walk
  - Learning about stormwater systems
  - Community events
  - Community Gathering

## Concept



## Water Flow



## Schematic Site Plan



1. Bioswales
2. Pocket Garden with seatings
3. Sensory Garden Plots
4. Open Lawn
5. Existing Play Structures
6. Mounds for Natural Playscape
7. Existing Basketball Courts
8. New Entrance from Clinic
9. Aromatic Plants
10. Thinned-out Existing trees

Base Map: www.googlemaps.com

Ann Dinthongsai  
Eunice Lo  
Neighborhood Design Studio LARCH 402  
Winter 2013 | Final Review

### Natural Playscape



Virgil Flaim will be the venue for pure play through integrating recreation into the natural environment. It features mounds with play elements and big climbing rocks that provided another sensory experience for users.

<http://weismandesigngroup.com/portfolio/play/parks/redmond-ridge>  
<http://taocraft.typepad.com/taocraft/2010/07/natural-playscapes.html>

### Irrigation Pumps for Gardening



Irrigation pumps will be installed along the garden plots to provide for children's need for water play and also teach children to conserve and use water wisely. Rainwater in the park will be harvested and reused for gardening. Children can play and garden with guilt free water and learn how rainwater harvesting and recycling work. Produce from the garden could be sold at the Lake City farmers' market for fundraising to support constructions of new features at the park.

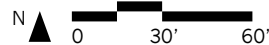
Photo on the left: <http://playgrounddesigns.blogspot.com/2010/02/william-carter-school-playscape-boston.html>  
Photo on the right: <http://www.letthelchildrenplay.net/2011/12/creeks-in-preschool-playscape.html>

### Sensory Garden



The sensory garden will provide a safe and secure place for the neighborhood and kids to relax and grow their own vegetables. Schools can hold gardening sessions and children and the community will be able to design their own sensory garden down to what plants they want, thereby encouraging ownership and stewardship of their community. The area will be fully wheelchair accessible and feature a variety of textures, smells and sounds to stimulate all of the senses.

<http://www.uwfox.uwc.edu/fojournal/archive/2012issue1/n5-garden.html>  
<http://localgiving.com/charity/littlemiracles/project/sensory-garden--as-designed-by-the-children>

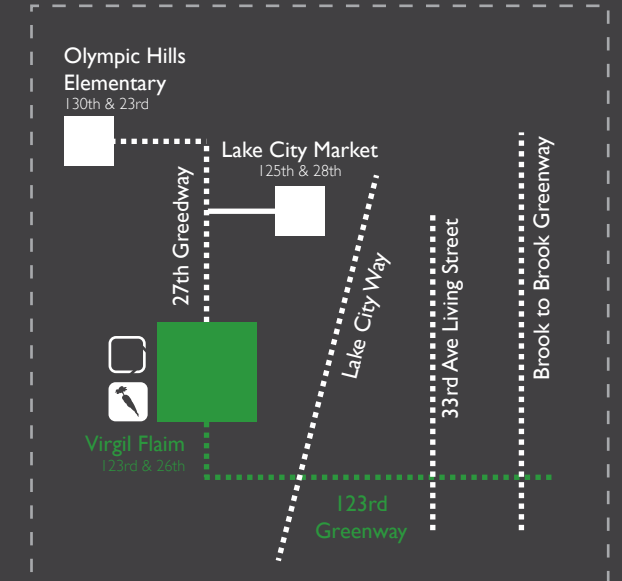


Base Map: www.googlemaps.com



existing conditions  
googlemaps

# 123rd greenway



designer:  
ann dinthongsai

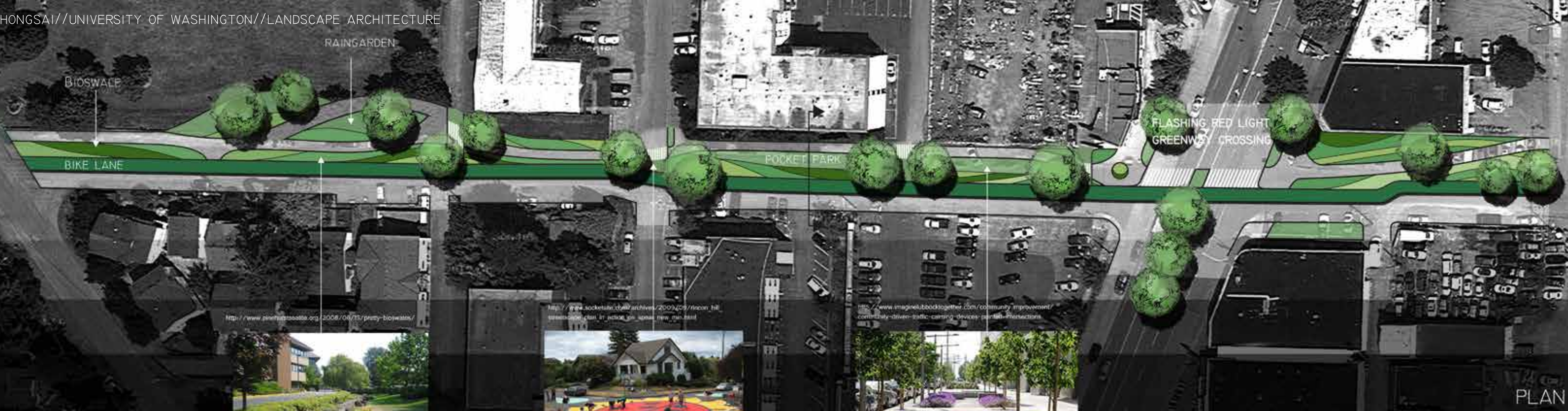
type:  
greenway

design goals:

- + greenways as tributaries
- + community identity
- + healthier neighborhoods



123rd Greenway Virgil Flaim Park to Burke Gilman Trail



STORMWATER TREATMENT INFRASTRUCTURE LIKE BIO-SWALES



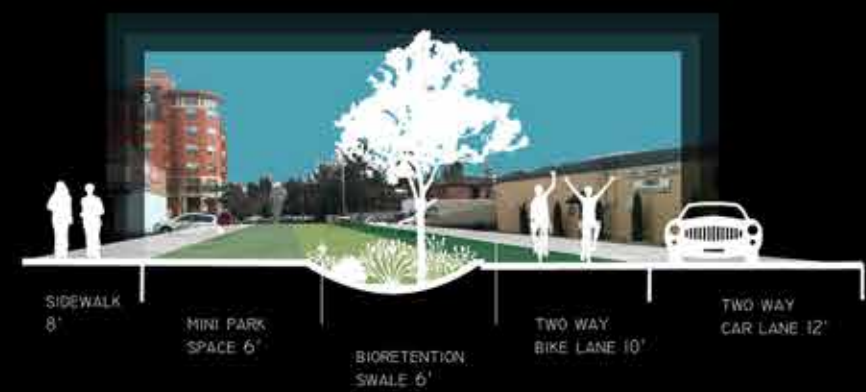
PAINTING STREET MURALS AT INTERSECTIONS HELPS WITH TRAFFIC CALMING AND ENGAGES THE COMMUNITY



SMALL PARKS ALONG THE GREENWAY PROVIDE AREAS TO REST AND INTERACT



GREENWAYS AS TRIBUTARIES



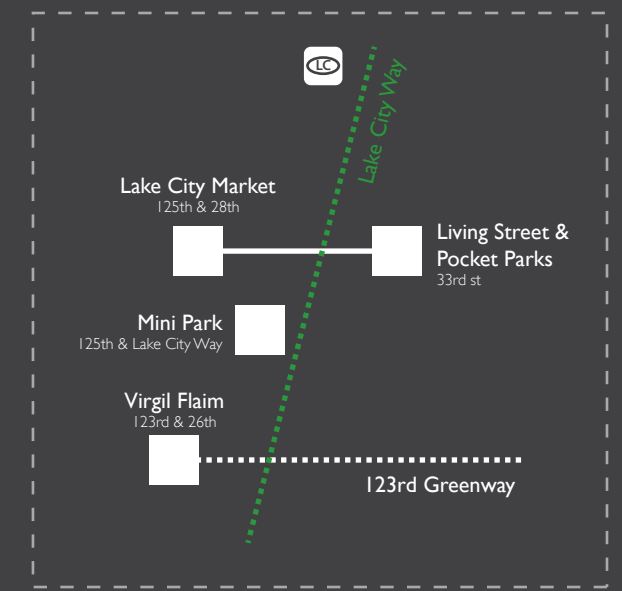
THORNTON CREEK IS AN ASSET TO THE LAKE CITY COMMUNITY. AS WE THINK ABOUT CREATING GREENWAYS IN LAKE CITY, IT CAN BE COMPARED TO THORNTON CREEK AND HOW SALMON USED TO SWIM FREELY ALONG ITS TRIBUTARIES. AS THE STREAM BEGINS TO COME TO LIGHT, FOR LAKE CITY GREENWAYS CAN BECOME TRIBUTARIES FOR THE COMMUNITY; CREATING SAFE PASSAGE THROUGH THE NEIGHBORHOODS AND PROVIDING AREAS TO INTERACT, LEARN, PLAY, AND REST. BICYCLISTS AND PEDESTRIANS SHOULD FEEL SAFE TO MEAN- DER DOWN STREETS VEGETATED WITH RAINGARDENS AND BIOSWALES AND LEARN THE IMPORTANCE OF TREAT- ING STORMWATER. NEIGHBORS CAN ENGADGE THROUGH BUILDING THEIR OWN RAINGARDENS AND PARTICIPAT- ING IN COMMUNAL GARDENING. THE GREENWAYS CAN BECOME A SOURCE OF PRIDE FOR LAKE CITY. LAKE CITY CAN BECOME A PLACE OF DEMONSTRATION ON HOW GREENWAYS CAN BECOME A NEW AND HEALTHY IDENTITY.

123rd Street Greenway Crossing Lake City Way: Greenways as Tributaries



existing conditions  
googlemaps

# city of vibrant creeks



designer:  
jae chang

type:  
greenway

design goals:

- + bring awareness to the water
- + create a sense of continuity
- + incorporate artistic interpretations along lake city way

# CITY OF THE VIBRANT CREEKS



Lake City is a city full of potential, but currently due to drawbacks like lack of gathering space, dense low income population, and poor infrastructure, orientations/setup, Lake City is considered as a hazardous city to live in. Add on with high percentage of crime rates in some location in the city, people have second thoughts settling their home in Lake City. Many areas in the city with great potential that are underutilized like the triangulate space on Intersection 130th and LCW, the Fred Meyer parking lot and the Lake City corridor are all places that can be improved on. In this predicament, Lake City is thought to be disconnected and despondent. Therefore, my goal of design for the city is to think of ways to bring connectivity and a vibrant sense of feeling to the people living in Lake City



## SHORT TERM GOAL

The objective of this is to bring the community together by uniting them to a place where they can interact and work together in a peaceful manner. In this site, I will design gathering space with seating, P-patches that they can grow vegetables, which at the same time they can be educated on agriculture and hydrology. There will be a natural fountain where little brooks will pop out - providing natural water to water their crops!



## LONG TERM GOAL

.... to provide a place where people can once again celebrate the two creeks **Little Brook** and **Thornton**.



## SHORT TERM GOAL

As for the Fred Meyer parking lot the idea is to have to have a safer, less hazard parking lot. The current design lacks safety aspect and has a poor grading system. Hence, my goal is to re-grade and direct water into bio-retentions swale so runoff water from the pavement can drain into the swale instead of running into the sewer untreated. The design will also incorporate curbs to help facilitate driving, to reduce traffic hazard.

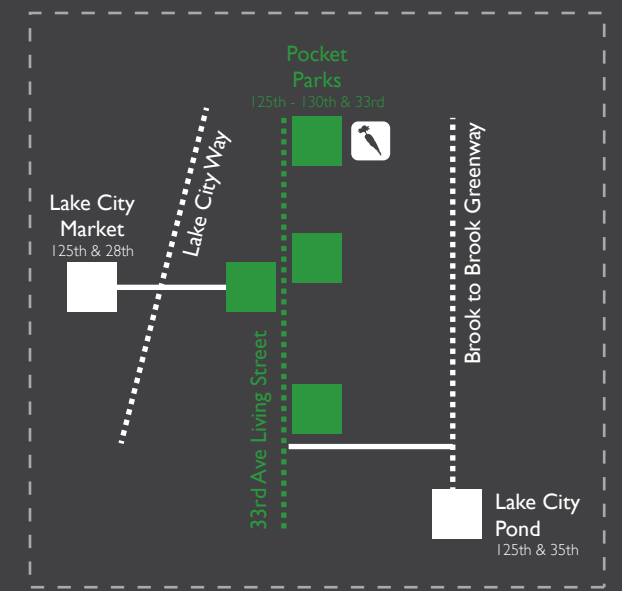


This is the concept of trying to "vibrant" the city center core and to connect the city in a way that connects them together. Currently, the LCW is this big barrier structure that divides the city in half, creating an connection between the two sides. In a psychological sense people are intermediated and overwhelmed by the heavy dense high-speed traffic that circulate the area daily. As a consequence, my goal is to think of a way to connect them both, while at the same time creating a dynamic sense of feeling to the region. The proposal that I had made was to create this aesthetic looking element sculpture of the creek to help calm the place down. In addition to playing with lighting poles to create attractions and safety, at the same time the sculpture will enhance the identity that the city had long forgotten, the Thornton and Little Brook creeks.



existing conditions  
googlemaps

# living street



designer:  
lindsey gadbois

type:  
greenway

design goals:

- + social corridors
- + ecological corridors
- + transportation corridors

# 33RD AVE LIVING STREET

LINDSEY GADBOIS // LARCH 402 NEIGHBORHOOD DESIGN STUDIO // WINTER 2013



Located in the heart of Seattle's Lake City neighborhood, the 33rd Avenue Living Street is dedicated to improving the health and wellbeing of its residents and their environment. Already established as a proposed Greenway, this design continues to build on the idea of offering spaces for safe and positive interactions between neighbors as well as mending impaired ecological systems.

The goal of this design is to create a new identity for 33rd Ave. Dominated by concrete and cars, the street today feels intimidating and unsafe. Residents of this street include veterans, families with young children and people coping with mental illness. Through careful design considerations, the focus shifts to pedestrians and provides comfortable movement on 33rd as well as safe connections to the larger neighborhood. The street becomes therapeutic in that it provides fun and playful social experiences as well as moments for reflection in new green spaces.

The new identity of 33rd is guided by three system corridors: **transportation, ecological and social.** The synergy of these systems brings to life a new way of thinking about our urban environment.

TRANSPORTATION

ECOLOGICAL

SOCIAL



33rd today

EMPTY PARKING LOTS



LAKE CITY VILLAGE PLAYGROUND



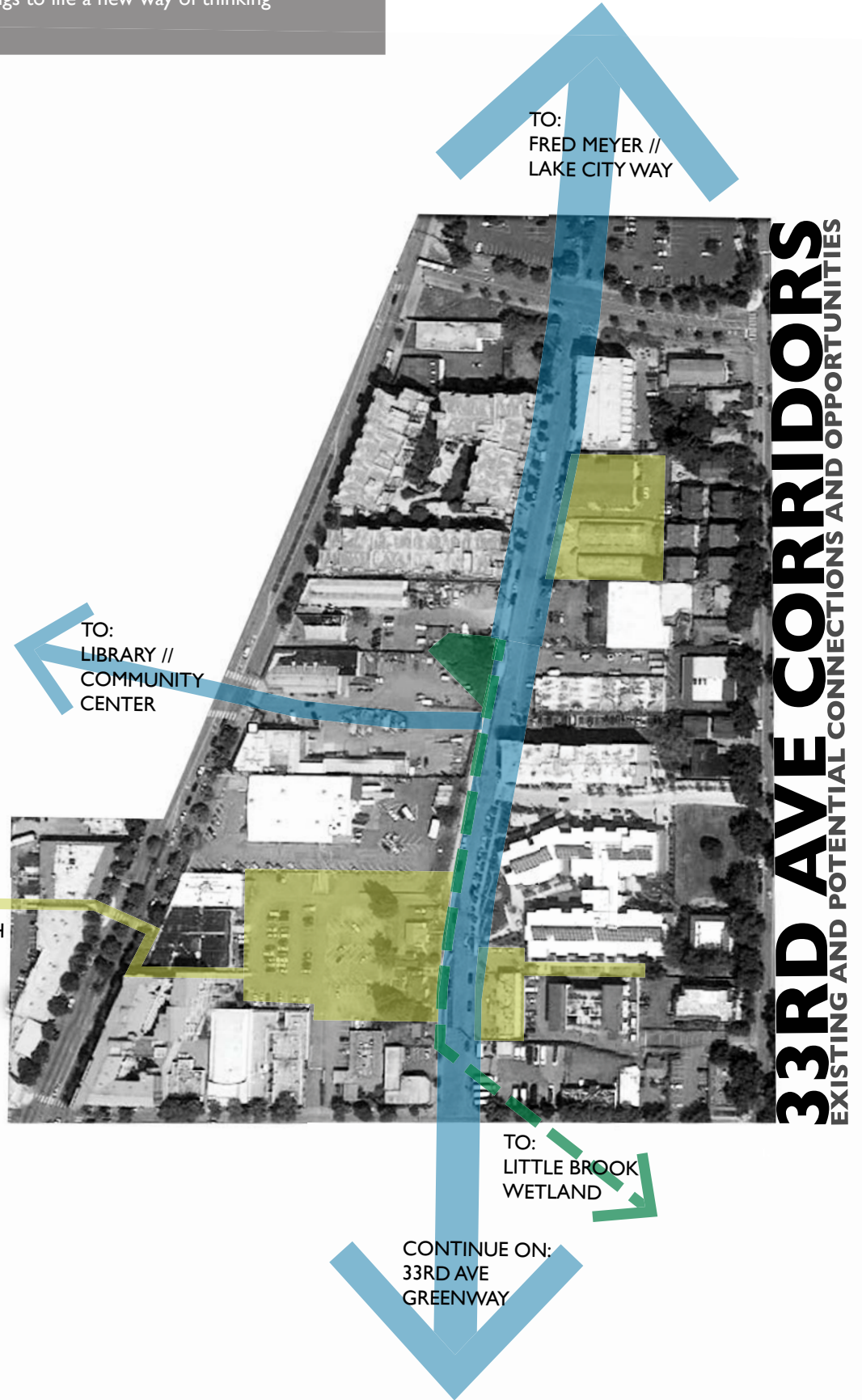
LITTLE BROOK OVERGROWN



EXISTING PEDESTRIAN PATH



DEAD-END SIDEWALKS



33RD AVE CORRIDORS  
EXISTING AND POTENTIAL CONNECTIONS AND OPPORTUNITIES

TO:  
FRED MEYER //  
LAKE CITY WAY

TO:  
LIBRARY //  
COMMUNITY  
CENTER

TO:  
BARTELLS //  
KAFFEEKLATSCH

TO:  
LITTLE BROOK  
WETLAND

CONTINUE ON:  
33RD AVE  
GREENWAY



WOONERF  
THE NETHERLANDS  
PRECEDENT STUDY



BIOSWALE  
PORTLAND, OR

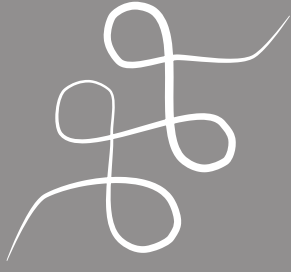


JAMISON SQUARE  
PORTLAND, OR

IMAGE SOURCES:  
1. google.com/maps  
2. http://thenorthernjournal.blogspot.com/2010/07/deventer-netherlands-july-12-2010.html  
3. http://water.epa.gov/infrastructure/greeninfrastructure/index.cfm  
4. http://www.pnp.com/projects/jamison-square  
Images not cited are by author.

# 33RD AVE LIVING STREET

LINDSEY GADBOIS // LARCH 402 NEIGHBORHOOD DESIGN STUDIO // WINTER 2013



## PARTI DIAGRAM

The 33rd Ave Living Street is designed to have easy, fluid movement between social spaces. The dividing line of the street dissolves into pathways that consider the needs of children, elderly and the disabled.

## GAME PLAN

### NOW

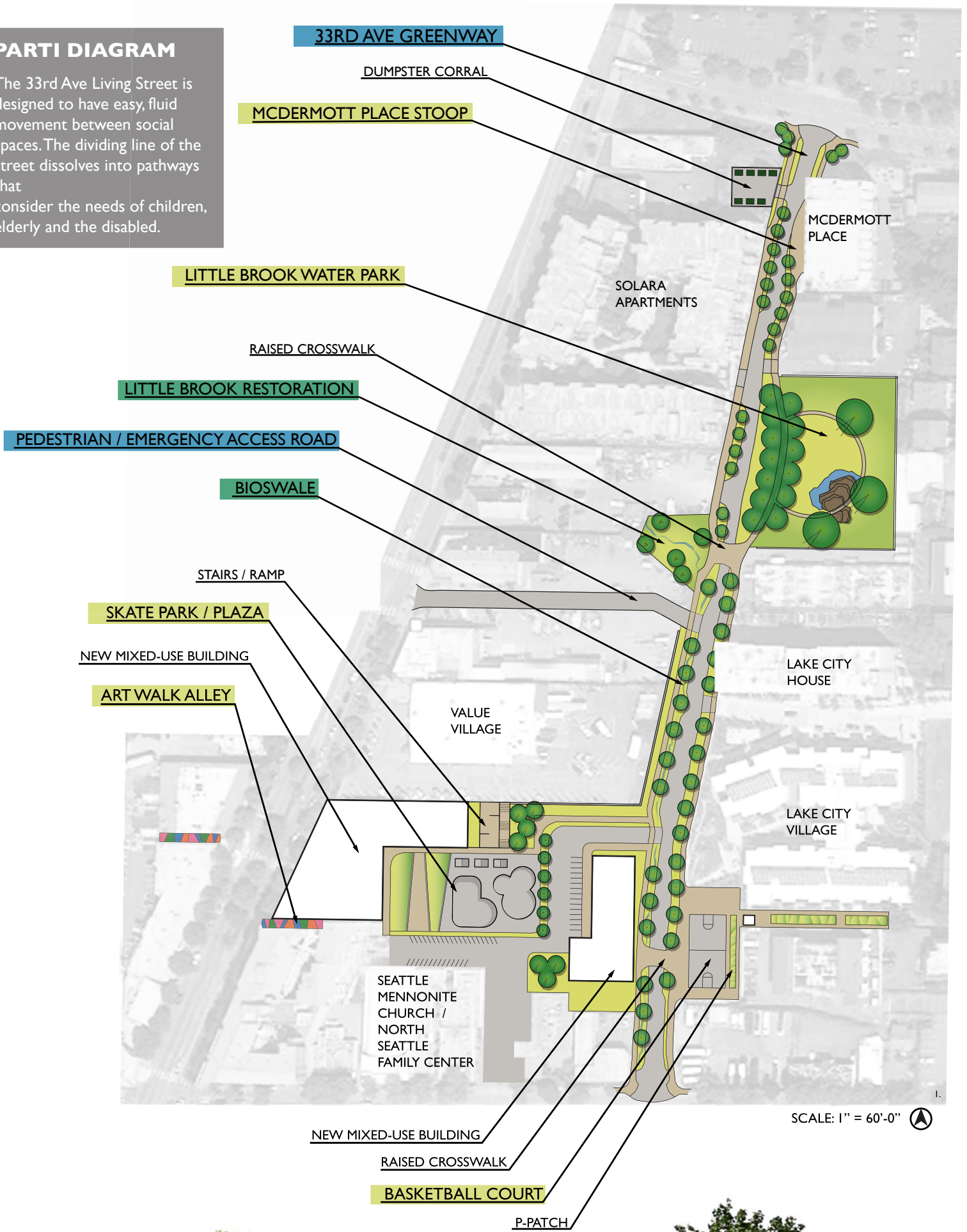
33RD AVE GREENWAY  
 VARSITY PLAZA  
 SUMMER COURT  
 ALLEY  
 ARTWALK

### SOON

LITTLE BROOK WATER PARK  
 LITTLE BROOK RESTORATION

### FUTURE

SKATE PARK // PLAZA  
 VARSITY PLAZA  
 BASKETBALL COURT



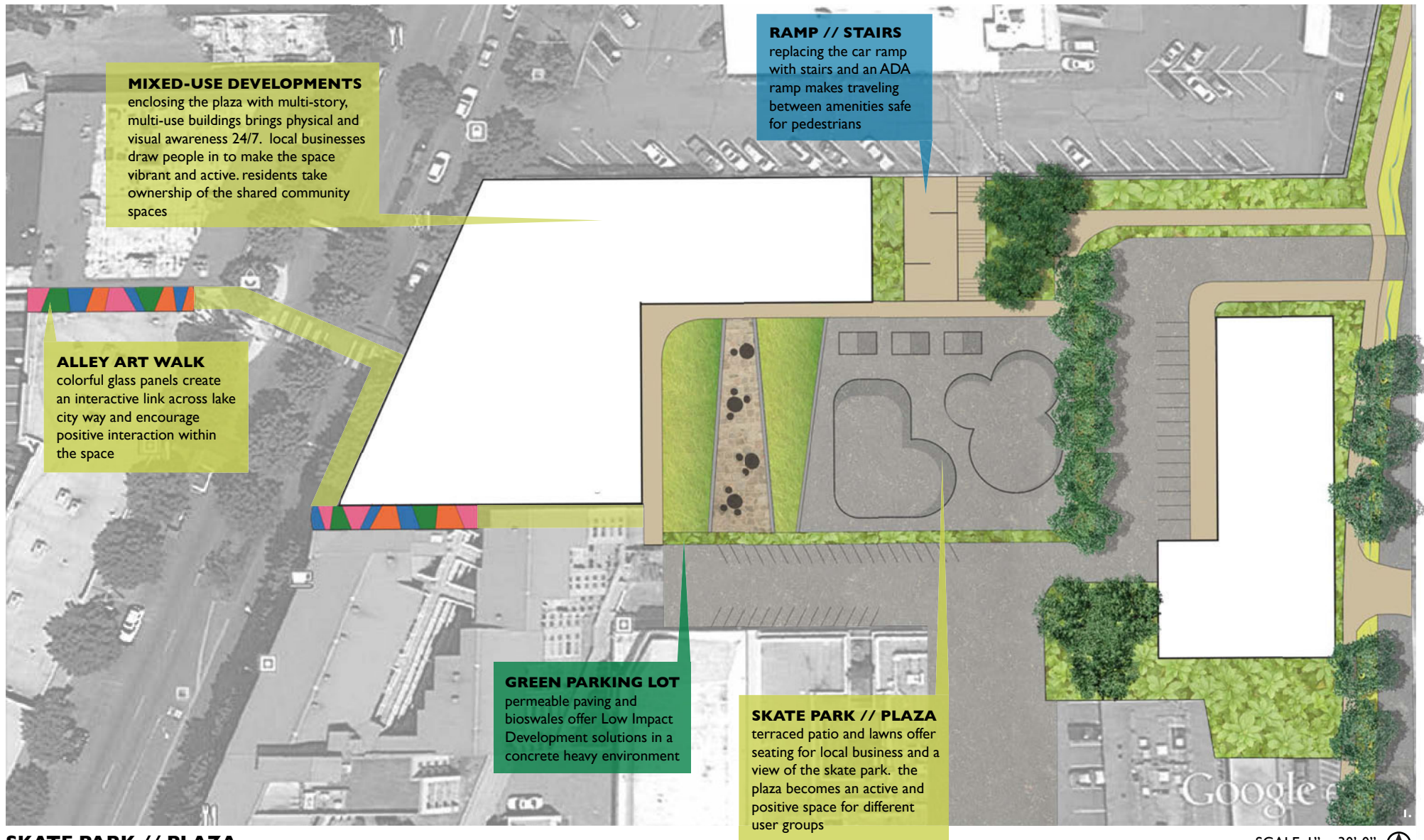
LINKING SOCIAL AND TRANSPORTATION CORRIDORS // 33RD AVE GREENWAY & LITTLE BROOK WATER PARK

# 33RD AVE LIVING STREET

LINDSEY GADBOIS // LARCH 402 NEIGHBORHOOD DESIGN STUDIO // WINTER 2013

## REVITALIZATION

33rd Ave has many pockets of forgotten and unused spaces and massive paved parking lots. This design takes advantage of these spaces and re-purposes them to meet the needs of the community. Dead space becomes alive and active by neighbor use, and draws people in from other parts of the city. Well designed and functioning open spaces, with the good accessibility for all, are critically important for urban identity. They benefit the neighborhood socially and economically and improve the quality of our urban environment.



**MIXED-USE DEVELOPMENTS**  
enclosing the plaza with multi-story, multi-use buildings brings physical and visual awareness 24/7. local businesses draw people in to make the space vibrant and active. residents take ownership of the shared community spaces

**RAMP // STAIRS**  
replacing the car ramp with stairs and an ADA ramp makes traveling between amenities safe for pedestrians

**ALLEY ART WALK**  
colorful glass panels create an interactive link across lake city way and encourage positive interaction within the space

**GREEN PARKING LOT**  
permeable paving and bioswales offer Low Impact Development solutions in a concrete heavy environment

**SKATE PARK // PLAZA**  
terraced patio and lawns offer seating for local business and a view of the skate park. the plaza becomes an active and positive space for different user groups

SKATE PARK // PLAZA

SCALE: 1" = 30'-0"

## VARSITY PLAZA HALF-COURT // SHORT-TERM INSTALLATION



**PLANTER BOXES // BENCHES**  
provides seating and shade for those watching the game. creates a physical and visual barrier from the road



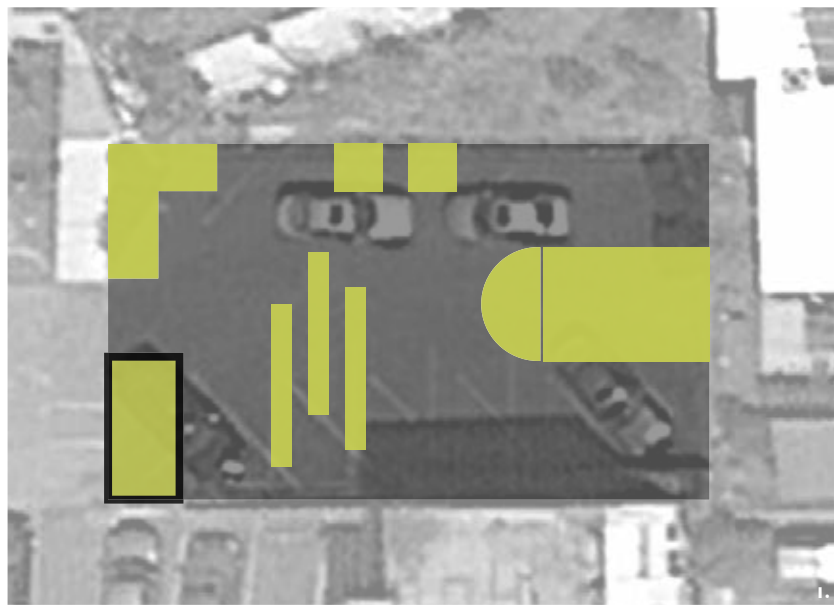
**SHED**  
teen-run equipment check-out and first aid. fits the dimensions of one parking space



**HALF-COURT**  
portable basketball hoop and painted half-court



**BLEACHERS**  
seating to cheer on your team. designed to accommodate the slope of the lot.



SCALE: 1" = 10'-0"

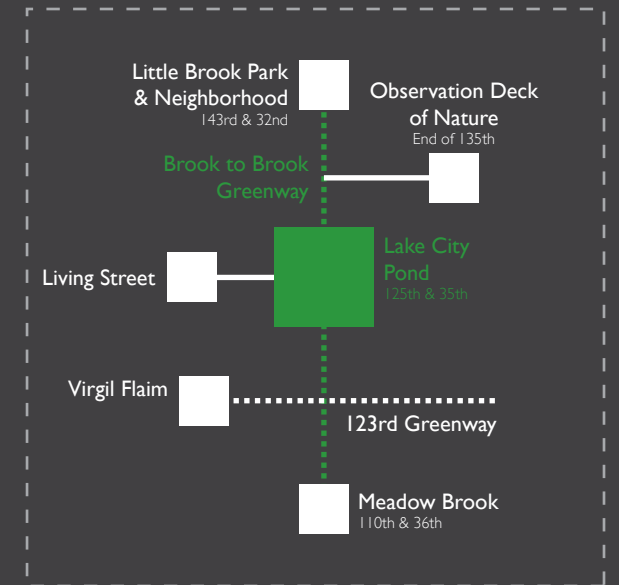


ACTIVATING UNUSED SPACES // VARSITY PLAZA HALF COURT



existing conditions  
googlemaps

# brook to brook



*designer:*  
alyse wright

*type:*  
greenway

*design goals:*

- + create a safe and interesting pedestrian|cycle route
- + highlight Little Brook creek
- + strengthen community identity



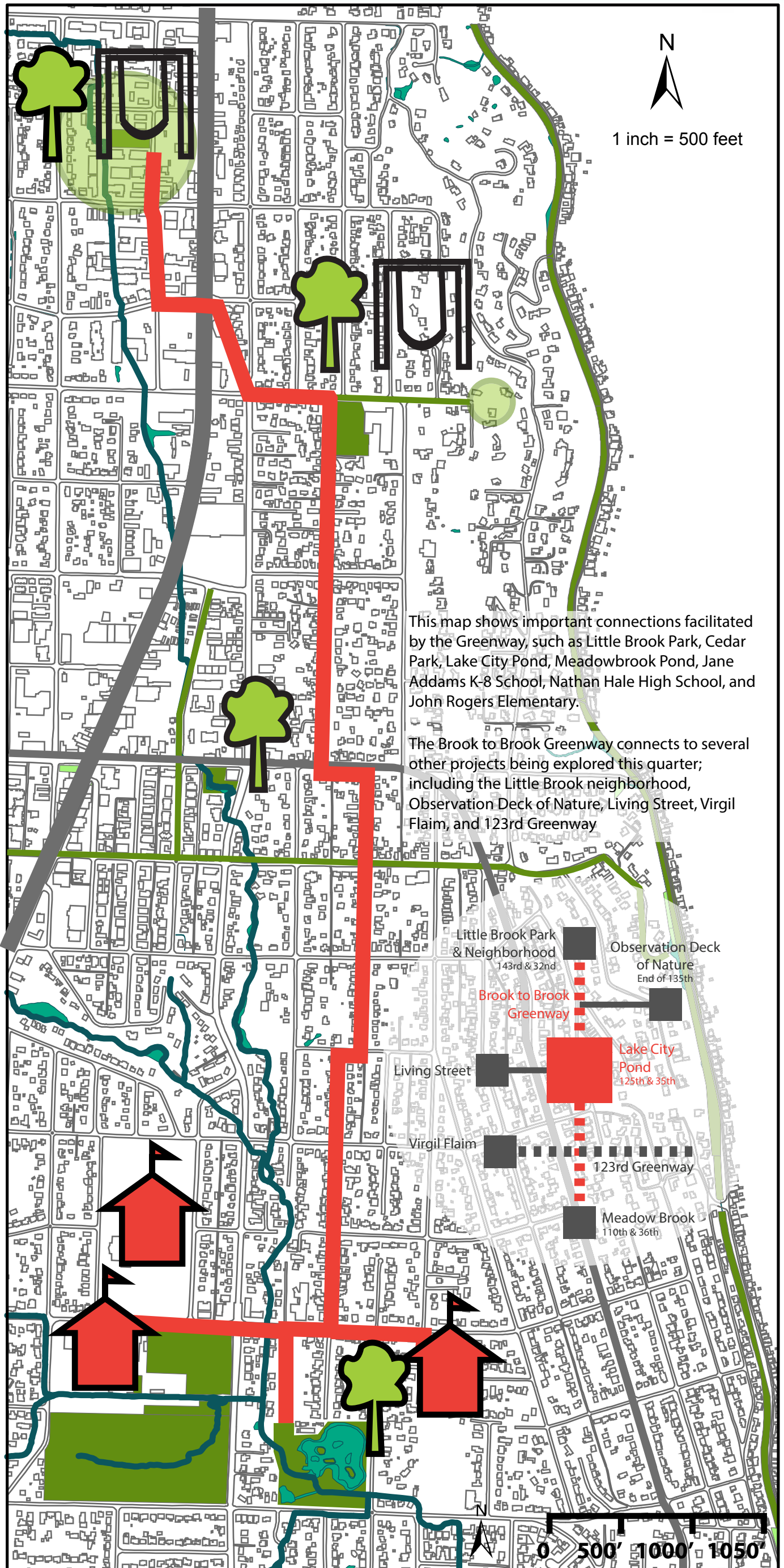
# BROOK TO BROOK

LITTLE BROOK



MEADOWBROOK

B  
R  
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O  
K  
  
T  
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B  
R  
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W  
A  
Y

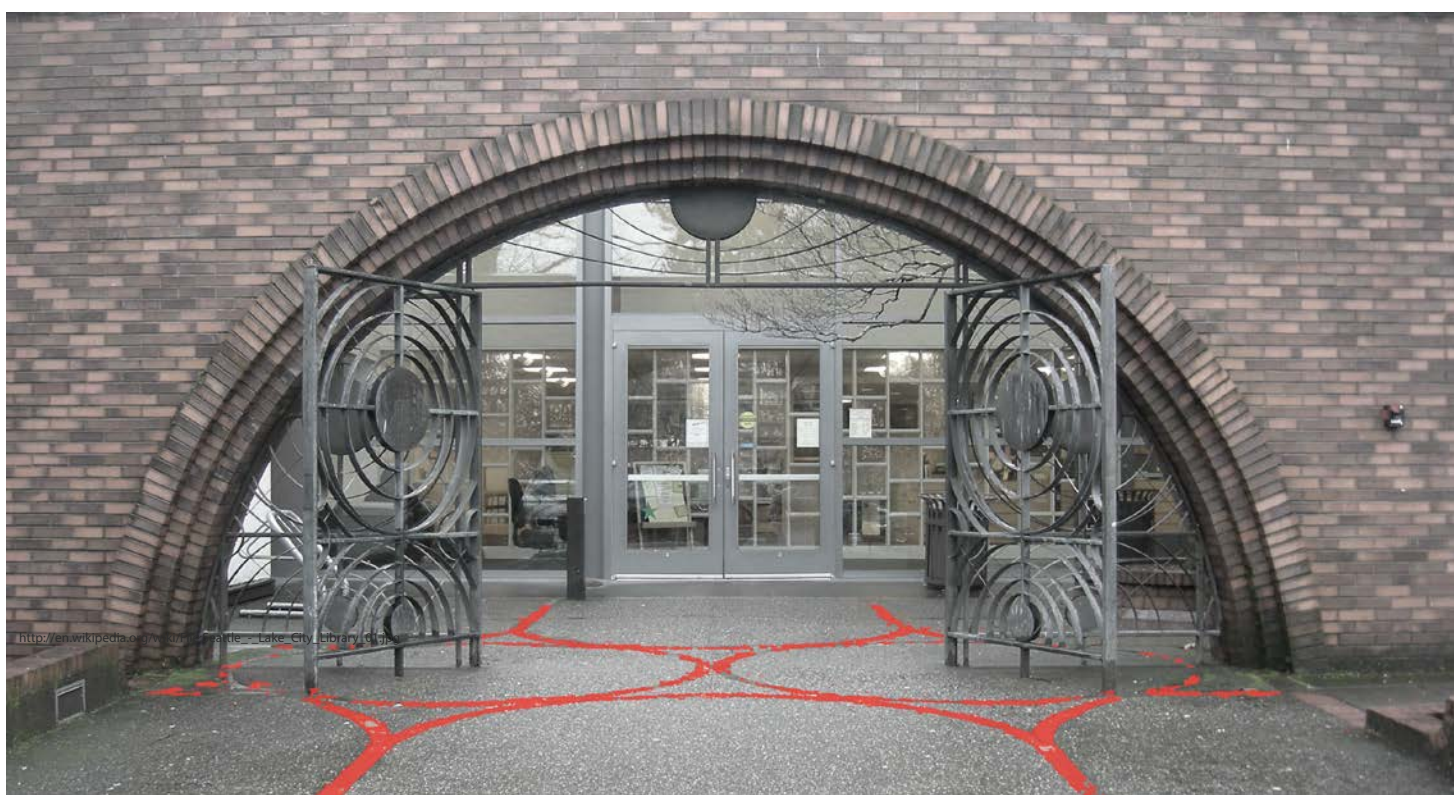




# BROOK TO BROOK GREENWAY:

Safely Connecting Pedestrians and Cyclists to Parks, Schools, and Green Space from Little Brook to Meadowbrook

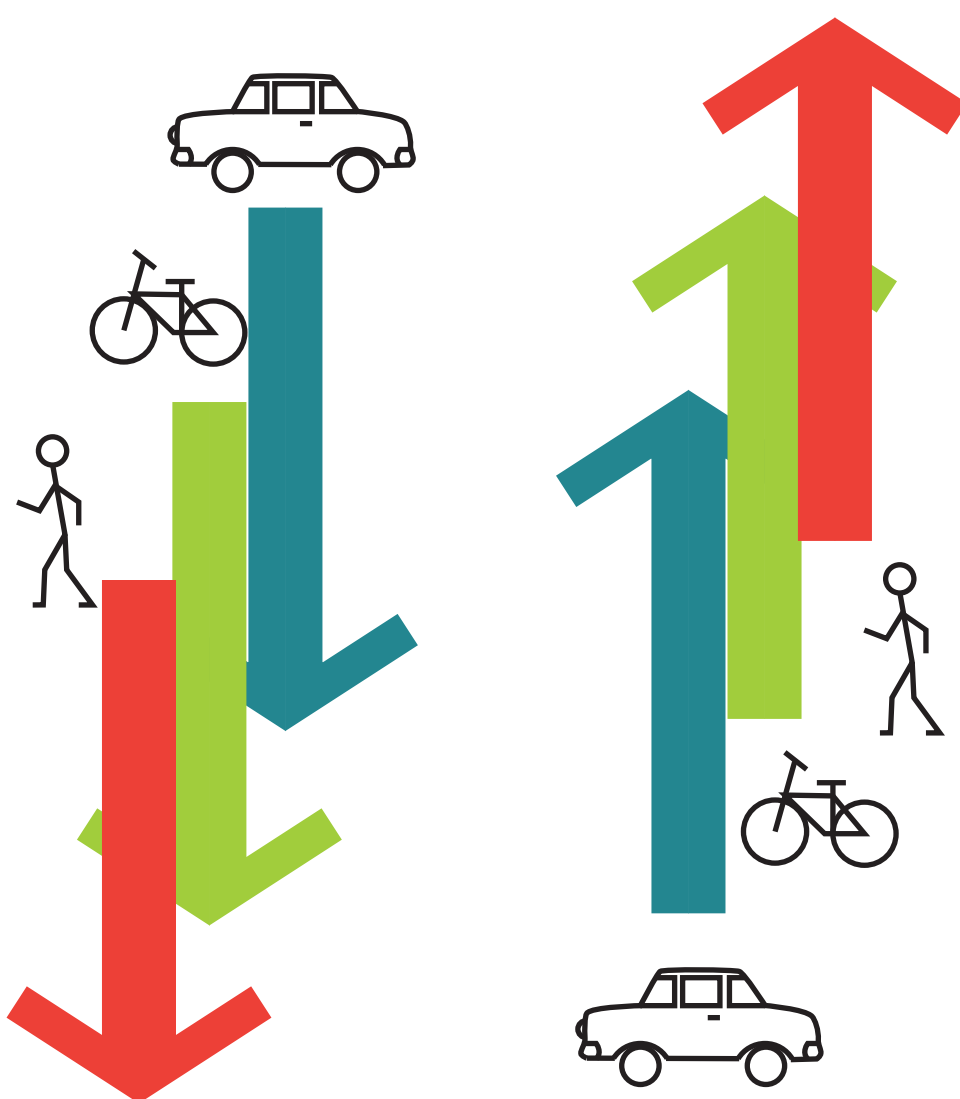
The **circular pattern** throughout the design was inspired by the threshold of the Lake City Branch of the Seattle Public Library, and the library's mission to encourage community and education.



As the pattern leads community members throughout the neighborhood, it acts as a reminder that:

Community meetings happen wherever neighbors meet and talk, and education can happen in your own backyard.

The Brook to Brook Greenway would provide a means of connection and **wayfinding** for pedestrians and cyclists. The **greenway** connects several places of **learning** and **ecology** such as; schools, parks, waterways and green spaces, as well as a connection across Lake City Way to Little Brook Park.





# SITE SELECTION

## Little Brook Fear/Comfort Map



- Most fear/discomfort
- Some fear
- Neutral
- Comfort
- Most comfortable

"This Fear and Comfort Map illustrates input from Little Brook residents regarding perceptions of safe and unsafe sections of roadway in the neighborhood." -UW School of Public Health

37th street listed by residents as "Most Comfortable"

Connecting the Little Brook Neighborhood to Lake City Greenways.  
Rep. Seattle: Community-Oriented Public Health Practice, 2013  
University of Washington, School of Public Health, 2013. Print.

## Current 37th Street Users

- Students traveling to school
- Pedestrians
- Vehicles
- Joggers
- Cyclists



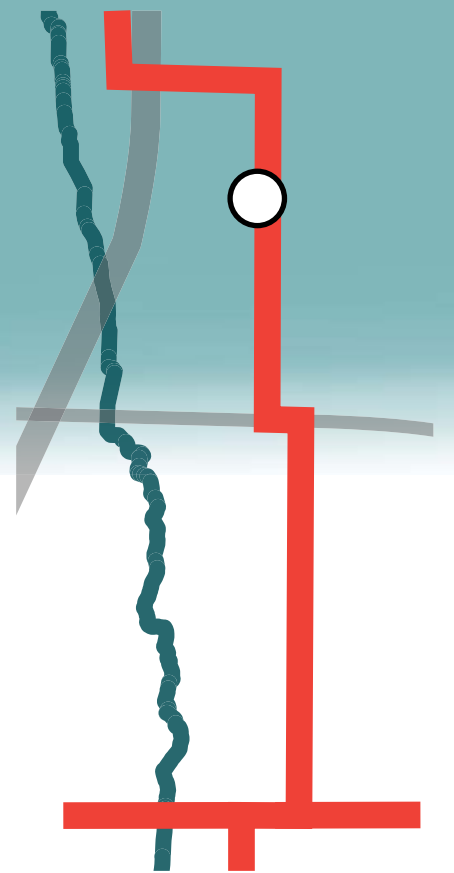
- ### Goals
- Safety
  - Fitness
  - Connections
  - Passive Education
  - Community Building



# 37TH AVE NE

## BASIC GREENWAY CHARACTER

### Current Conditions



### Proposed Changes

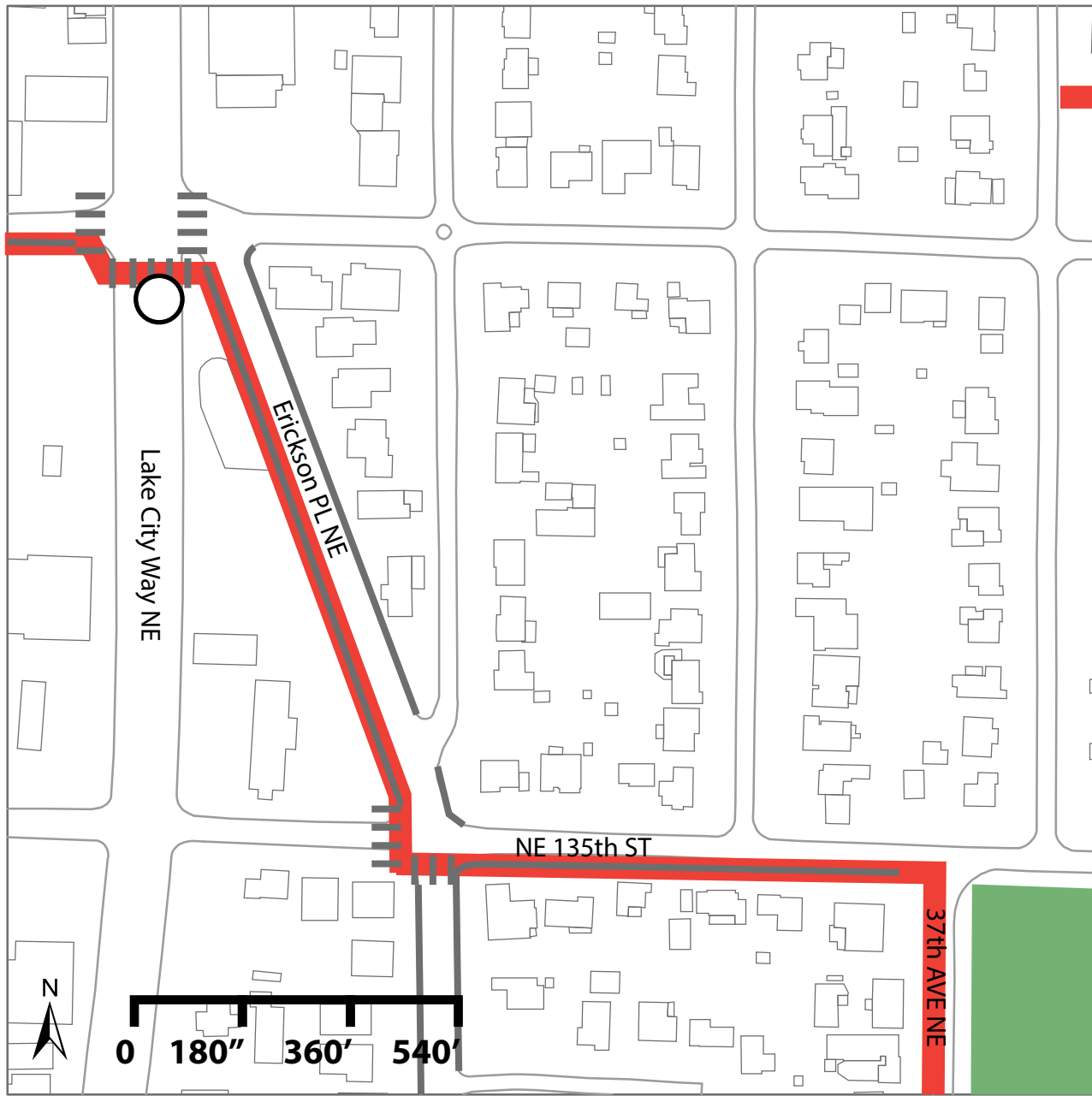
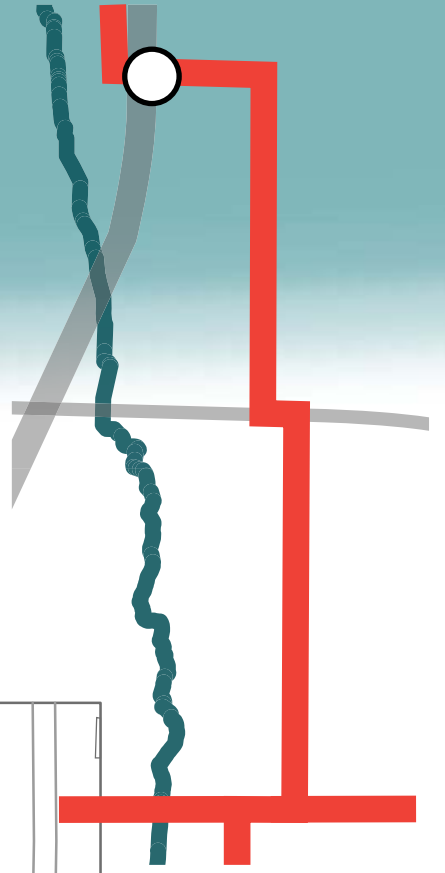


### Possible Future



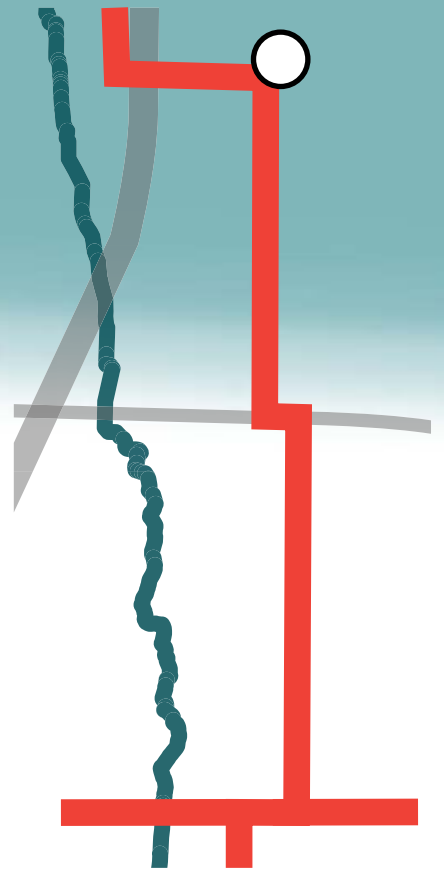


# ERICKSON & LAKE CITY WAY CROSSING





# CEDAR PARK CROSSING



## Proposed Changes

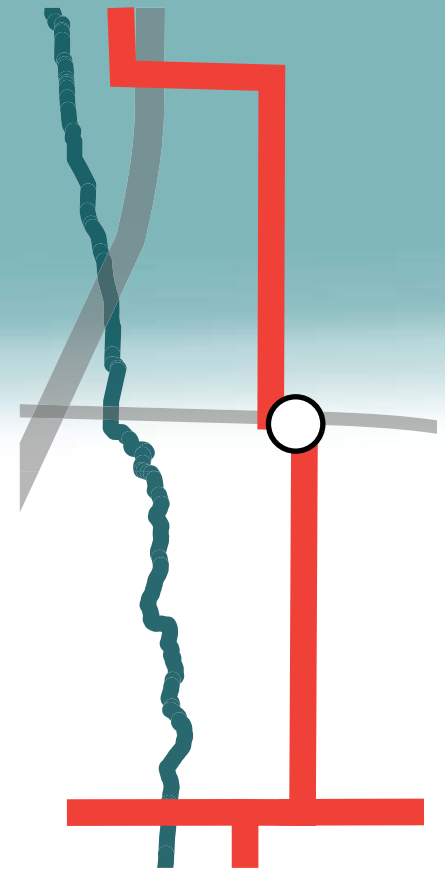


## Possible Future





# NE 125TH ST CROSSING



NE 125th ST is a major route into Lake City and has high levels of traffic. There is currently no marked pedestrian crossing at 37th AVE NE or 38th AVE NE. Sidewalks are planned for the street in the near future, and crosswalks and/or murals at these intersections would greatly increase the safety and use of the Greenway.

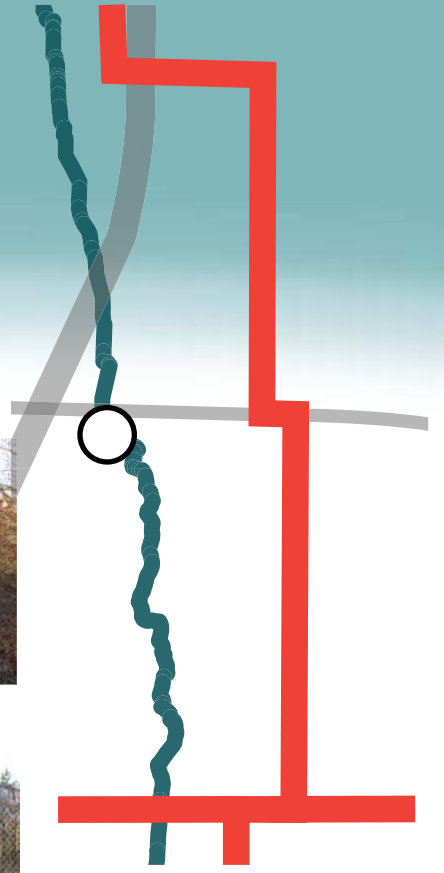


Precedent:  
NE 65th St and 39th Ave NE, Seattle  
Photo: Julie Johnson



# LAKE CITY POND

Highlighting Lake City's natural wonders through art and visual access



## Current Conditions



Chain-link fence and overgrown shrubs make the pond site fairly invisible, and an easy place for undesirable activities to occur.



## Proposed Changes

### Day View



Phase 1: Fabric art piece representing Little Brook, hung above the path of the creek  
Phase 2: Boardwalk over the pond

### Night View



By using uplighting and path lights the space can be visible, safe, and interesting at night.

## LAKE CITY POND PLAN



## Precedents:



Meadowbrook Pond  
<http://www.familiesforlakecity.com/meadowbrook-pond-dredging-project/>



Art of Janet Echelman  
<http://www.echelman.com/portfolio/sydney.html>

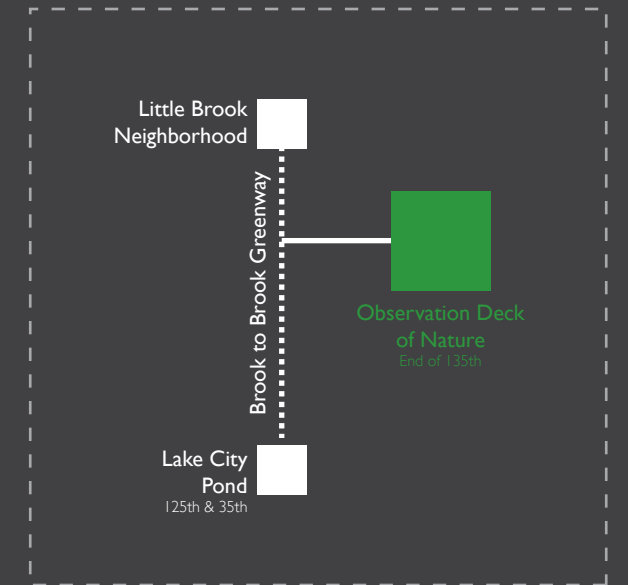






existing conditions  
googlemaps

# observation deck of nature



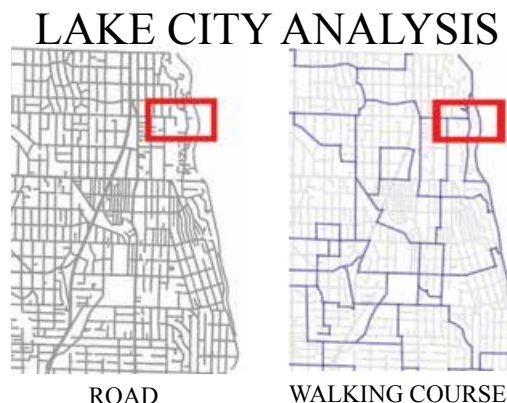
*designer:*  
nobu sudo

*type:*  
pedestrian greenway

*design goals:*

- + stabilize slope
- + create useable space
- + immerse residents into nature

# Observation Deck of Nature



ROAD

WALKING COURSE



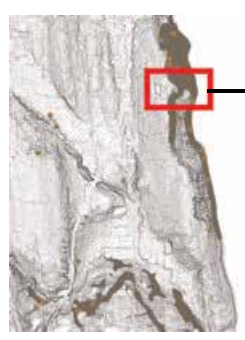
ZONING



STEEP SLOPE



GREEN SPACE

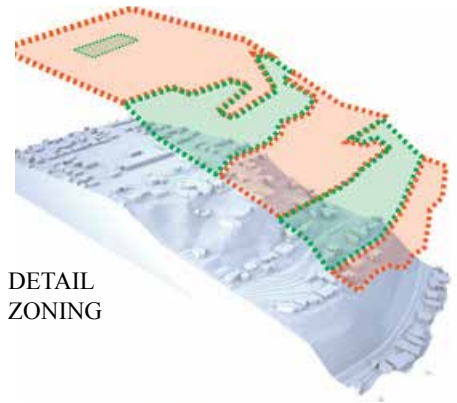


LANDSLIDE



DESIGN SITE

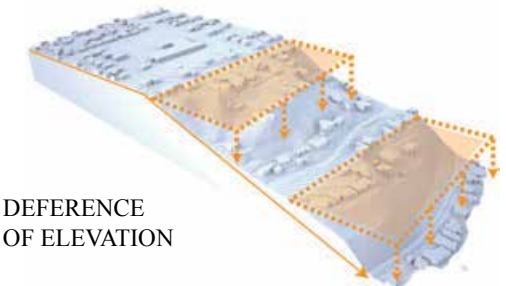
## SITE ANALYSIS



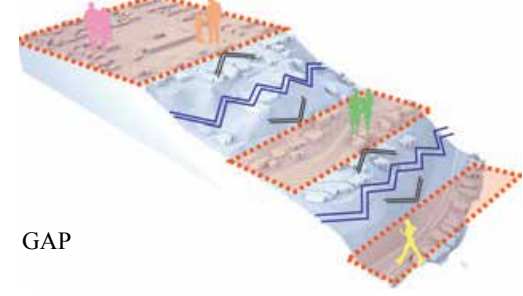
DETAIL ZONING



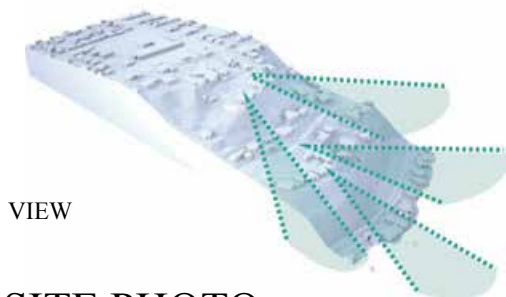
DETAIL ROAD



DEFERENCE OF ELEVATION



GAP



VIEW



POTENTIAL LANDSLIDE

## SITE PHOTO



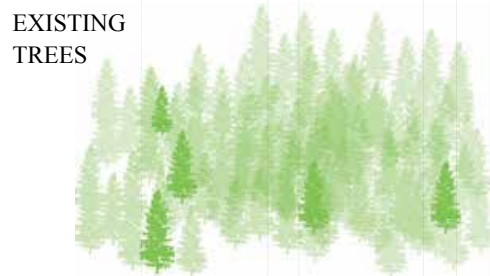
## CONSTITUENTS



PLATFORM



TRAIL



EXISTING TREES

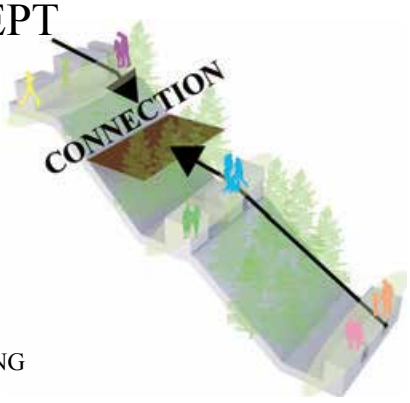


BIRD'S EYE VIEW

## PLAN

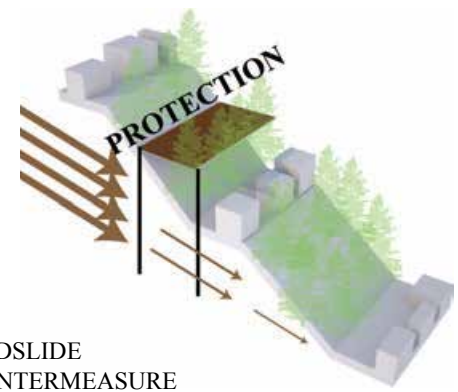


**CONCEPT**



This site is covered with trees and steep slope area. Residential area is divided by steep slope. So, this project proposes to make observation deck where you can see a beautiful view of Lake Washington, St. Edwards state Park, and nature. That observation deck becomes place where people can enjoy nature and communicate with neighborhood.

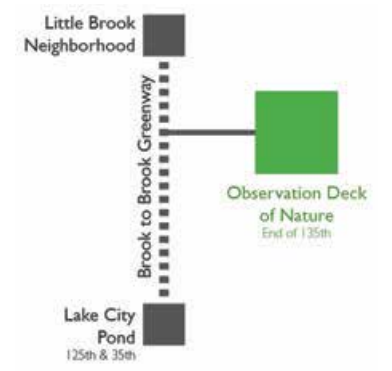
GATHERING SPACE



LANDSLIDE COUNTERMEASURE

This site is potential landslide area. By filling deep underground pillar that supports the observation deck and trail, suppress landslide.

**CONNECTION WITH OTHER PROJECTS**



**FUNCTION**



DEFERENCE IN LEVEL



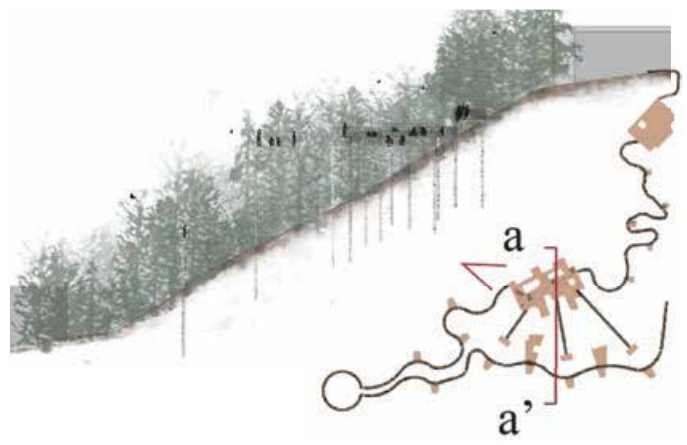
FLAT SURFACE



EXCHANGE



GATHERING SPACE



CORE PLATFORM

**FUNCTION**



CIRCLE SPACE



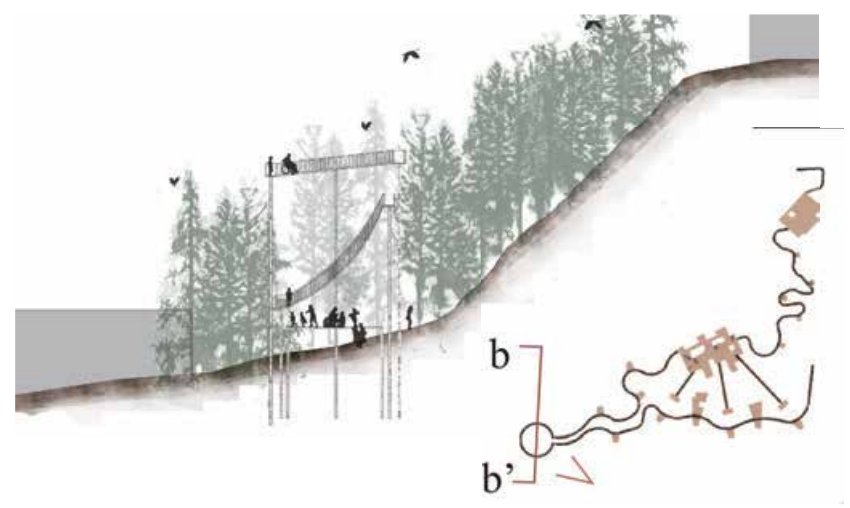
LINE OF FLOW



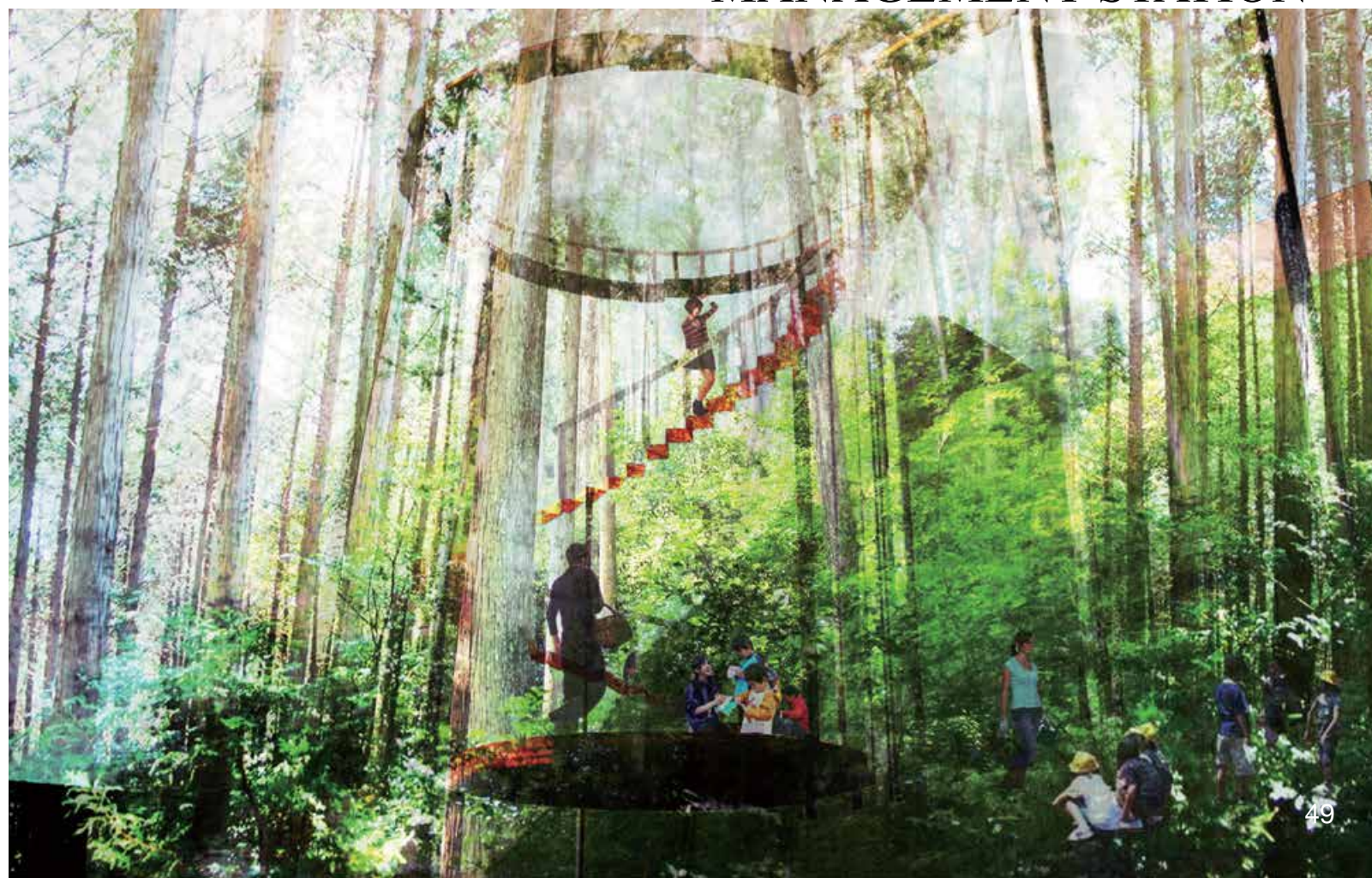
VEGETATION MANAGEMENT SPACE



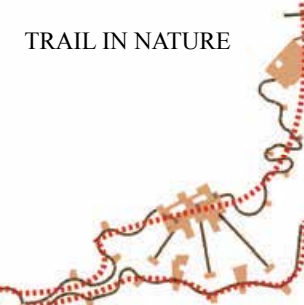
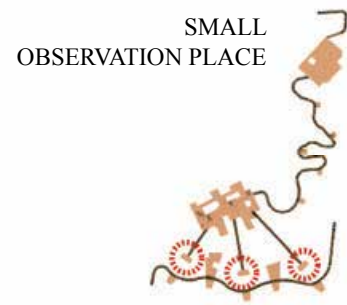
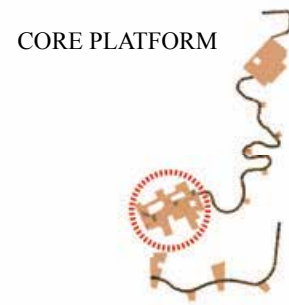
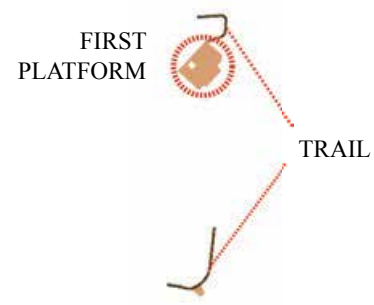
EDUCATION MEETING SPACE



EDUCATION & MANAGEMENT STATION

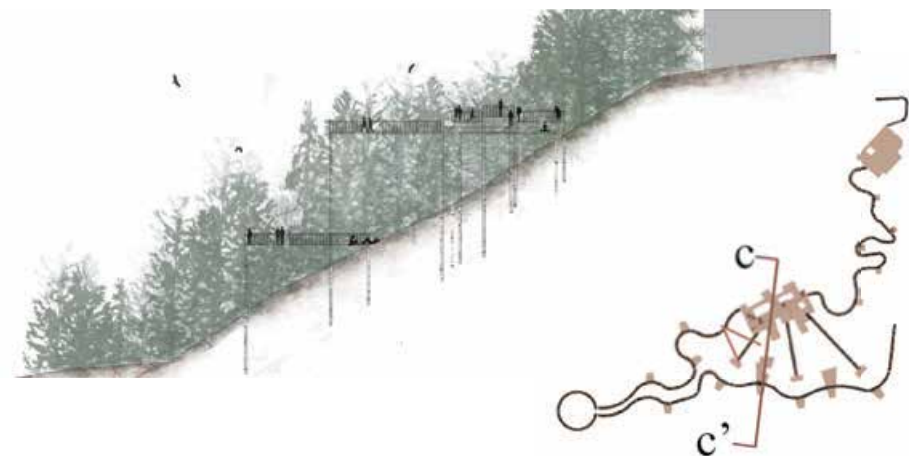


# TIME SCHEDULE



LAKE SIDE NATURE

# FUNCTION



# MODEL PHOTOS



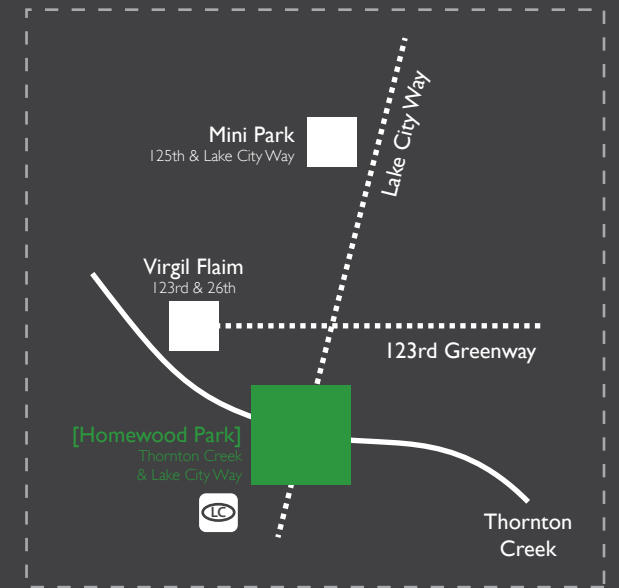
# TRAIL & REST SPACE





existing conditions  
googlemaps

# homewood park



designer:  
allen wang

type:  
park

design goals:

- + raise awareness about habitat
- + create useable space
- + improve visibility

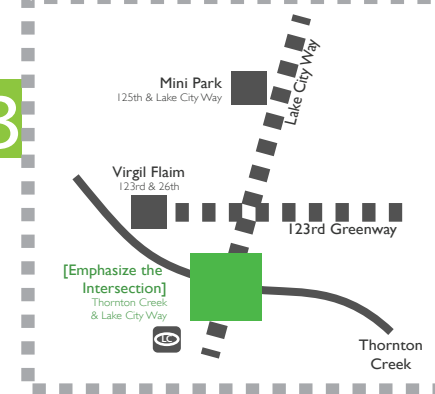


Allen Wang

# L Arch 402 Neighborhood Design Studio: Lake City

# Emphasize the Intersection Homewood Park Improvement Plan

Winter 2013

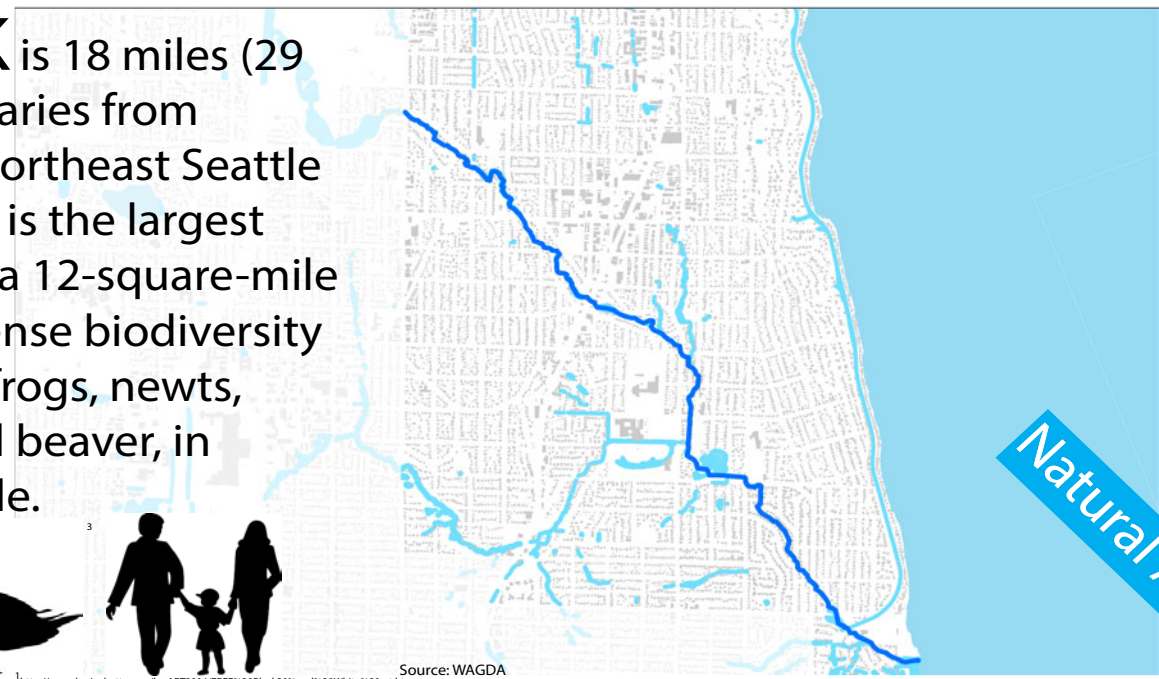


## CONCEPT OVERVIEW

**THORNTON CREEK** is 18 miles (29 km) of urban creeks and tributaries from southeast Shoreline through northeast Seattle to Lake Washington. The creek is the largest watershed in Seattle, draining a 12-square-mile (31 km<sup>2</sup>) region of relatively dense biodiversity for an urban setting, home to frogs, newts, ducks, birds, and an occasional beaver, in addition to over 200,000 people.



Source: Wikipedia

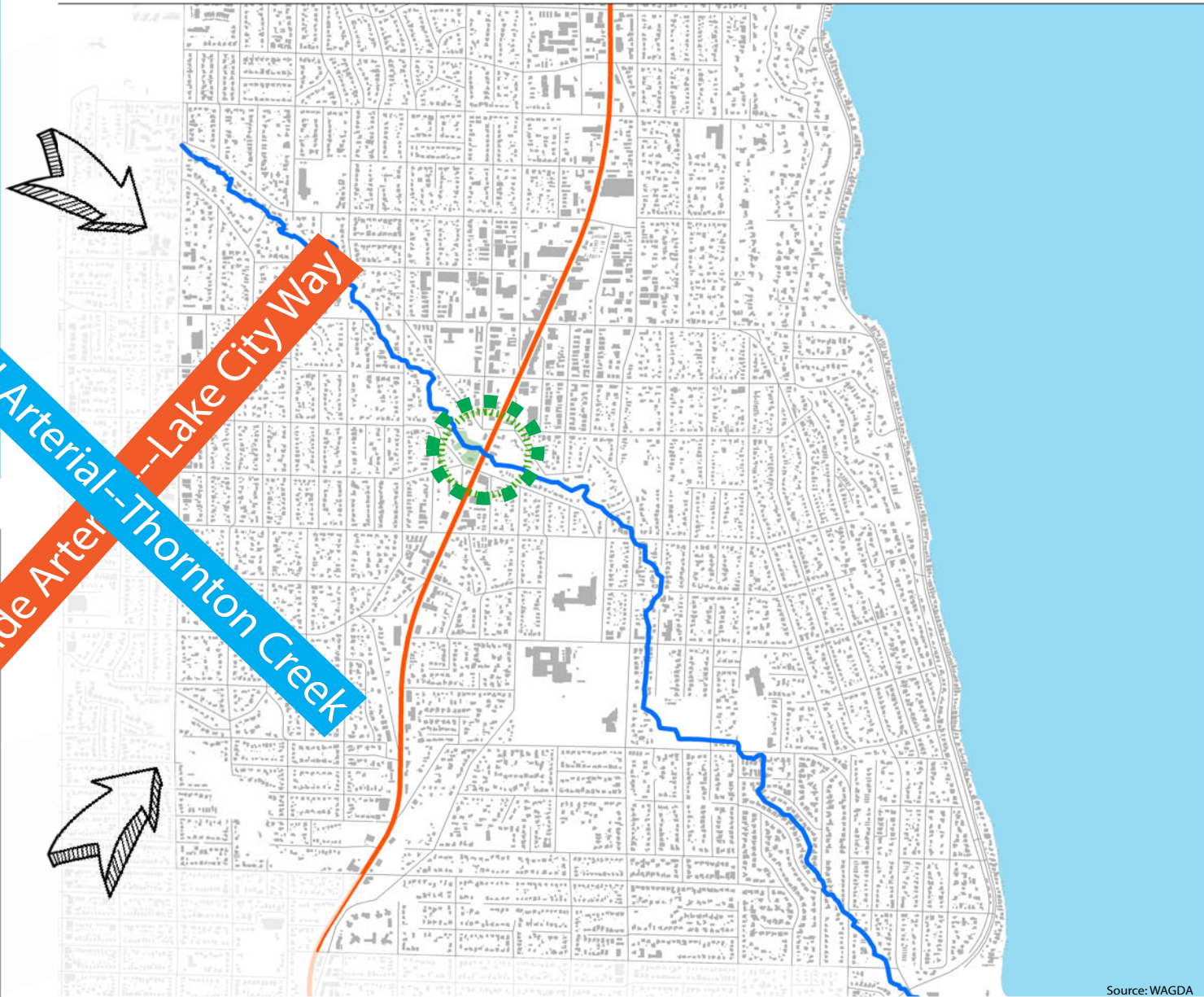
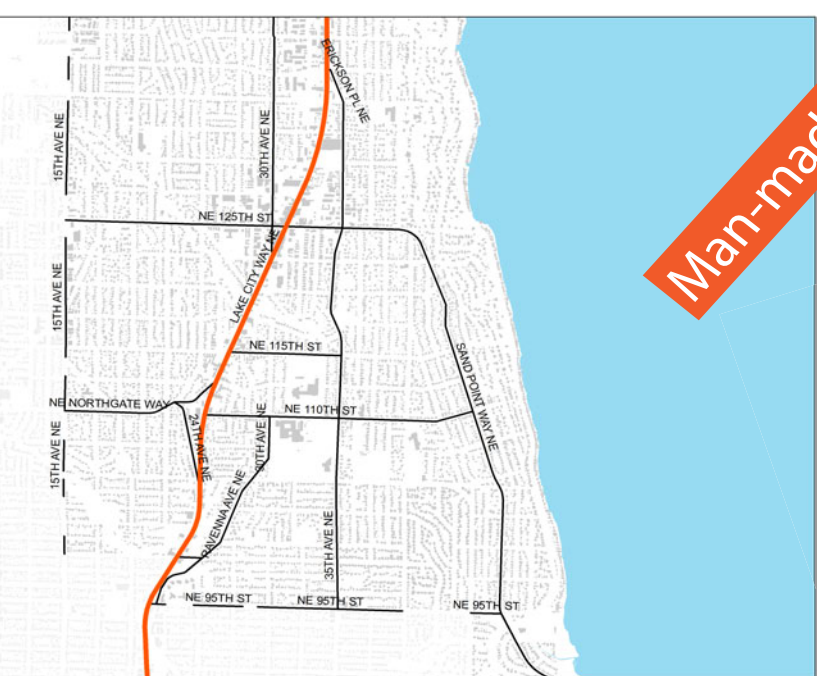


Source: WAGDA  
1 <http://www.brainybetty.com/bwART2004/FREE%20black%20and%20white%20art.htm>  
2 [http://www.photosof.org/view/blend\\_silhouette\\_in\\_black\\_and\\_white\\_wide.html](http://www.photosof.org/view/blend_silhouette_in_black_and_white_wide.html)  
3 <http://openclipart.org/detail/32737/architetto--papera-by-anonymous>

**LAKE CITY WAY** is centred in Lake City, also called SR-522. It's 7-8 miles (11-13 km) long with heavy traffic everyday and cut the lake city into two separate parts. It brings conveniences to the neighborhood but meanwhile block the two parts to connect with each other well because of the traffic. Comparing to the natural arterial creek, this man-made arterial needed more intersection and engagement.



1 <http://www.cler.com/clipart-map-symbols-automobile-car-black.html>  
2 <http://www.cler.com/clipart-map-symbols-automobile-bus-stop-black.html>  
3 [http://etc.usf.edu/clipart/70400/70411/70411\\_262\\_rg\\_190\\_b.htm](http://etc.usf.edu/clipart/70400/70411/70411_262_rg_190_b.htm)



Source: WAGDA



Allen Wang

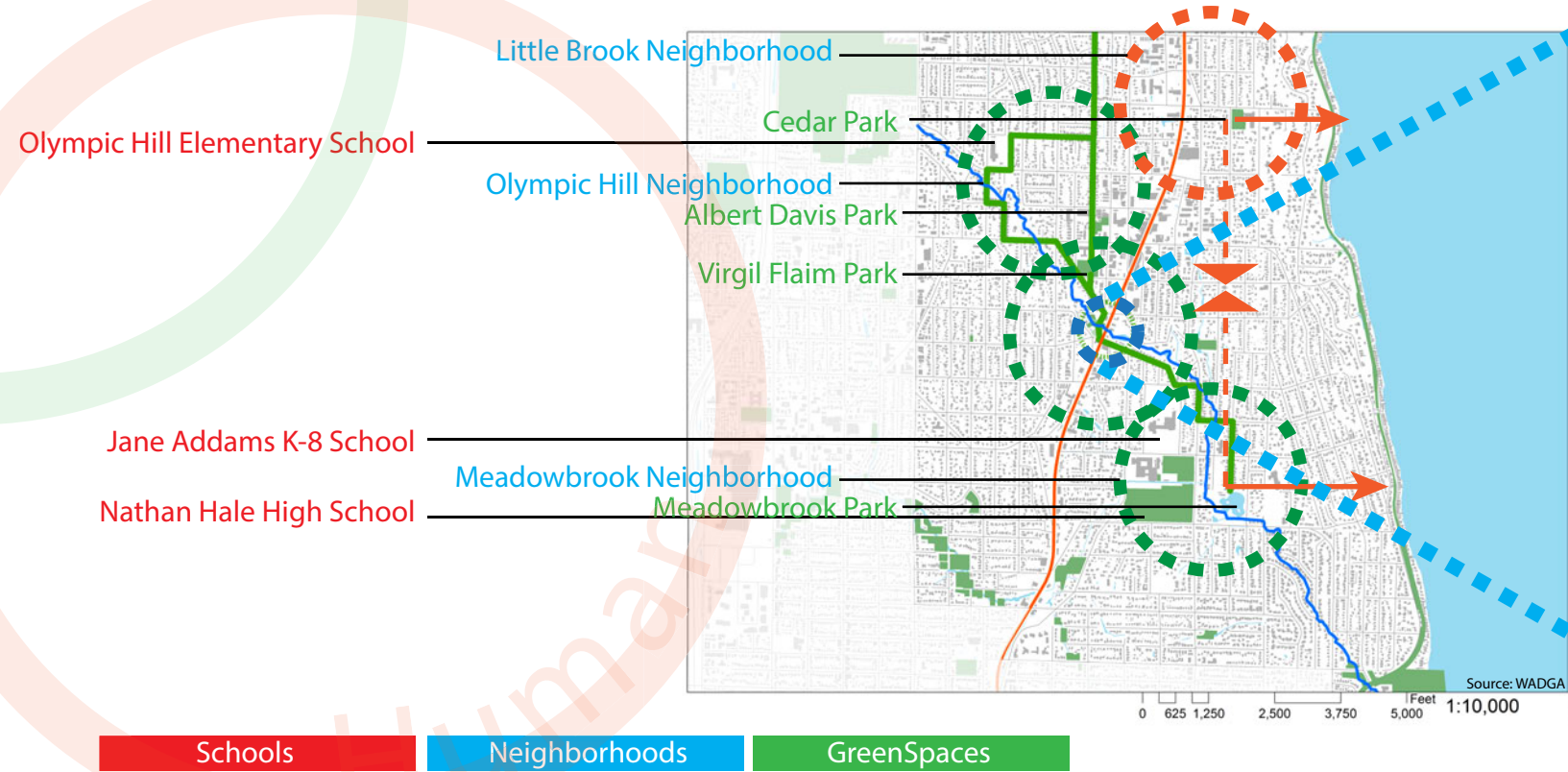
# L Arch 402 Neighborhood Design Studio: Lake City

# Emphasize the Intersection Homewood Park Improvement Plan

Winter 2013

## CONTEXT & SITE MAP

The site locates at the core area linking different neighborhood in Lake City. And also it has the equal distance to schools on both north and south sides. On the map, the green line is potential trail connecting Little Brook, Olympic Hill, the site and south to Meadowbrook Park. Obviously, the key location of the site is vital for the whole neighborhood network.



Street End on NE 120th ST



Starbucks  
www.starbucks.com



Pierre Properties Parcels

Department of Park&Recreation Parcel





Allen Wang

L Arch 402 Neighborhood Design Studio: Lake City

# Emphasize the Intersection Homewood Park Improvement Plan

Winter 2013



## Precedents



← Platform above the wetland for people to observe and experience meanwhile protect the fragile natural area

→ Signs on poles to tell people the directions and the distance to sites and other places

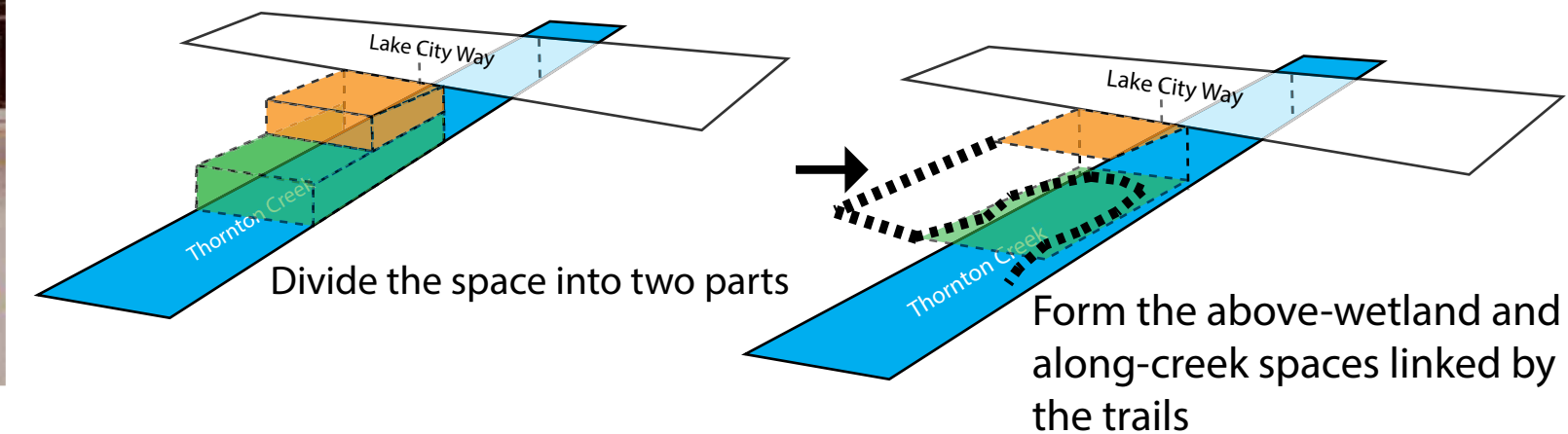
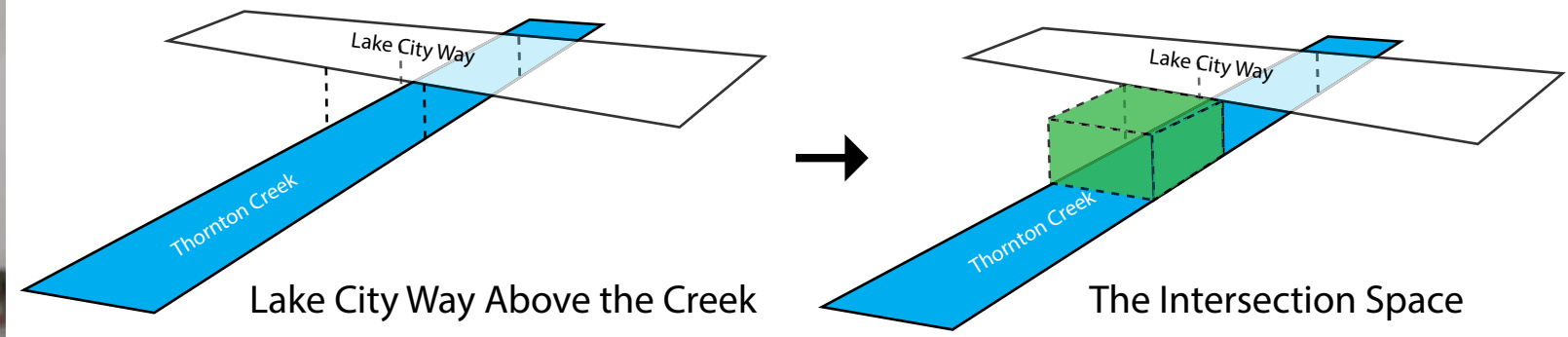


← Walkway along the wetland to bring people close to the nature

→ Signs painted on the ground to guide people to the site



## DESIGN CONCEPT + PROGRAM





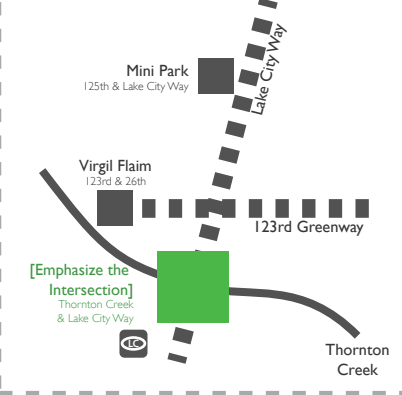


Allen Wang

L Arch 402 Neighborhood Design Studio: Lake City

Emphasize the Intersection  
Homewood Park Improvement Plan

Winter 2013



SHORT-TERM

Short-term: Wake up people and remind the existence of the Thornton Creek (DPD; Lake City)



Before View

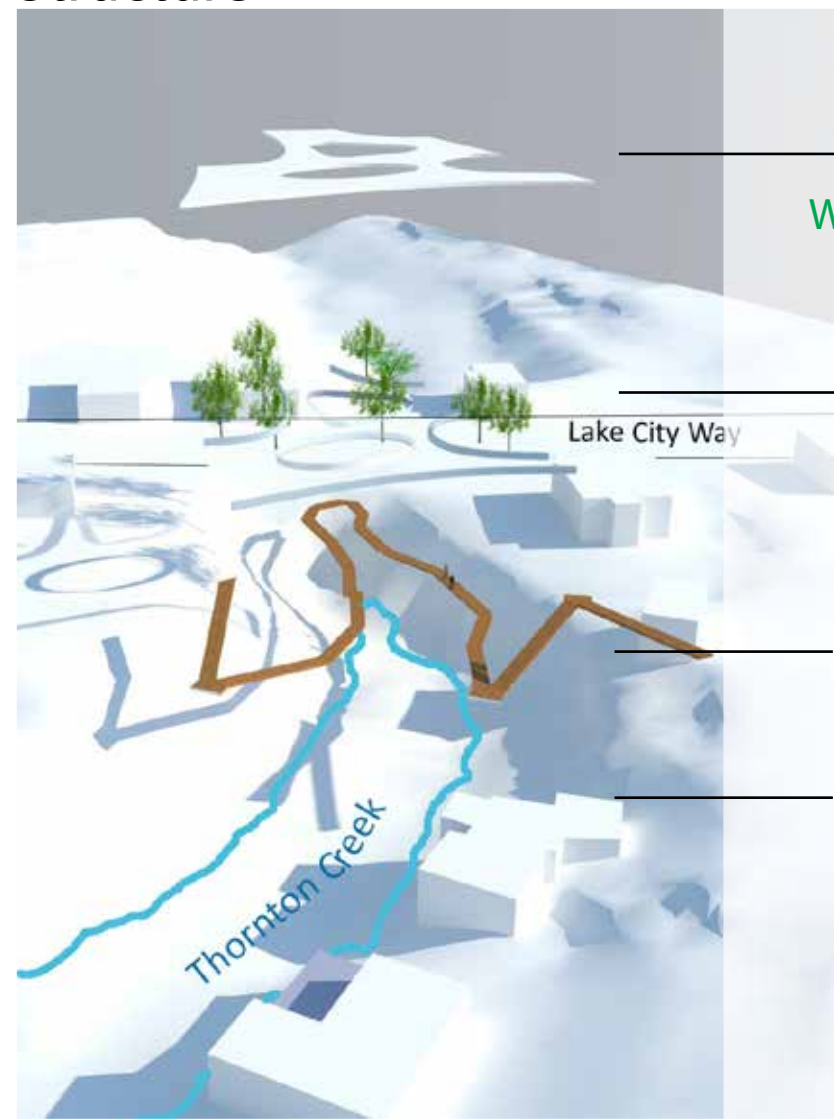
Programming:  
-Wayfinding system for the whole Lake City  
-Signs or symbols to remind people and guide people to the site



After View

MEDIUM-TERM

Structure



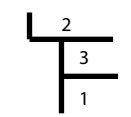
Platform  
Above-the-wetland  
Walking-through-forest

Tree canopy/forest

Trails  
In-the-Canopy  
Walking-along-creek

Creek Valley/wetland

1. View on the platform. People walking on the platform meanwhile reading the Creek's history board and getting close to trees;
2. Bird-view of the whole site. The platform above the wetland and trails along the creek; besides the Lake City Way, easy access around the site;
3. View at the bottom Trail along the creek, world of light and silence, different shadow from the above platform



PERSPECTIVES

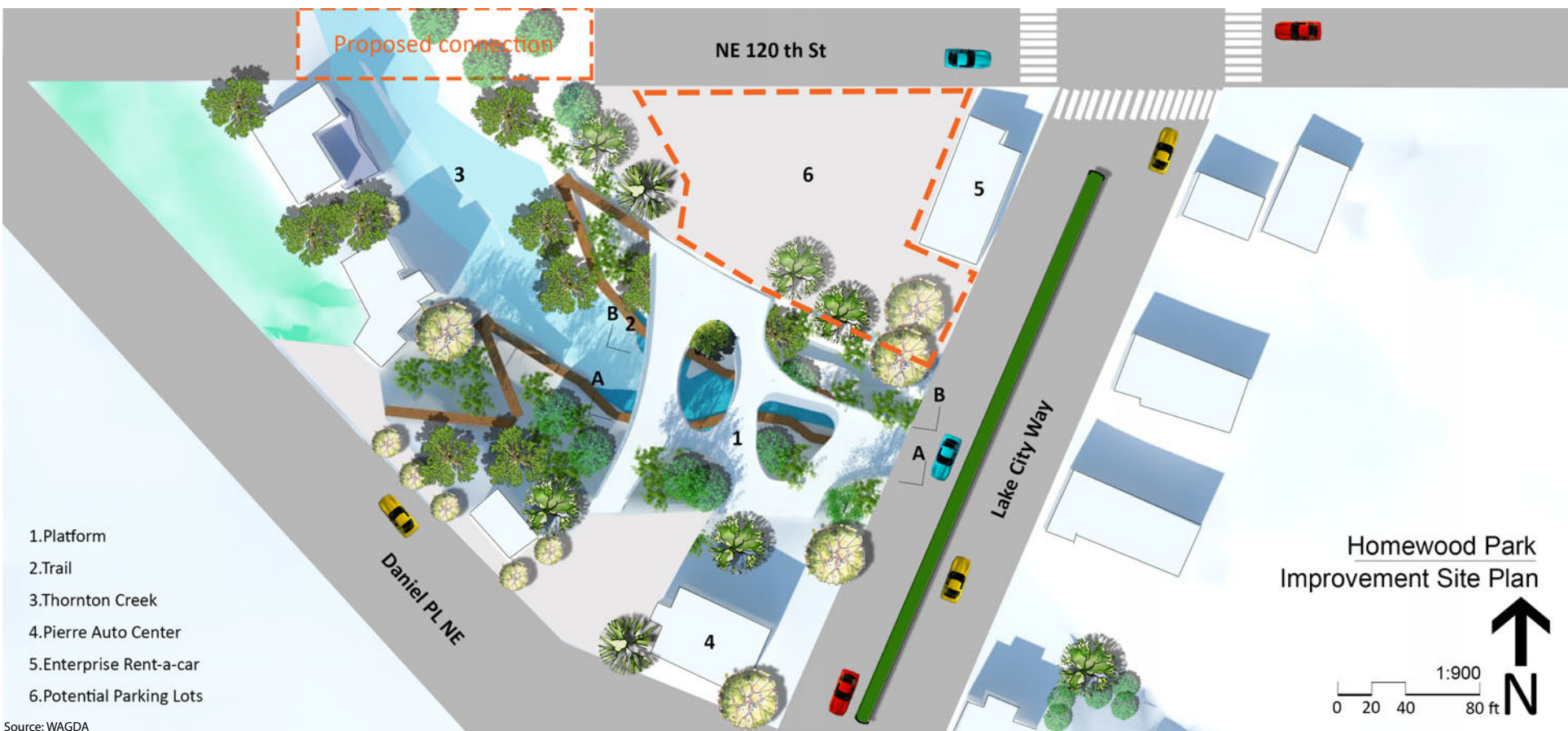




Allen Wang

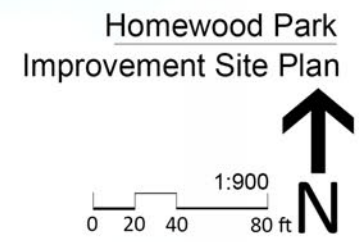
L Arch 402 Neighborhood Design Studio: Lake City

SITE PLAN



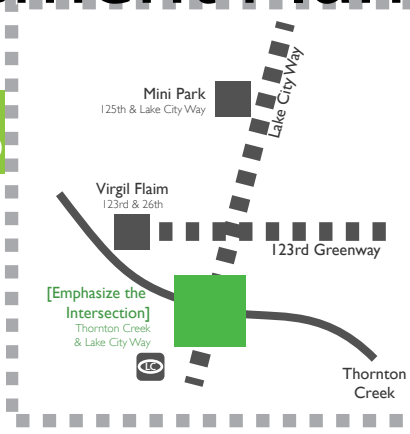
- 1. Platform
- 2. Trail
- 3. Thornton Creek
- 4. Pierre Auto Center
- 5. Enterprise Rent-a-car
- 6. Potential Parking Lots

Source: WAGDA

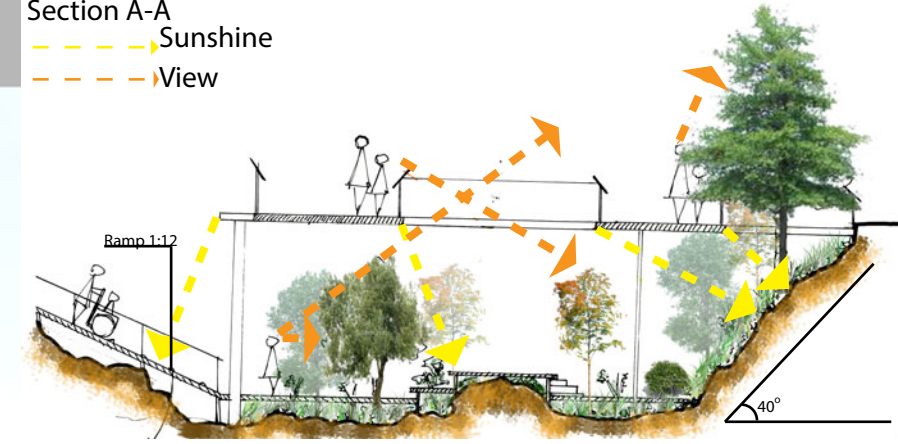


Emphasize the Intersection  
Homewood Park Improvement Plan

Winter 2013

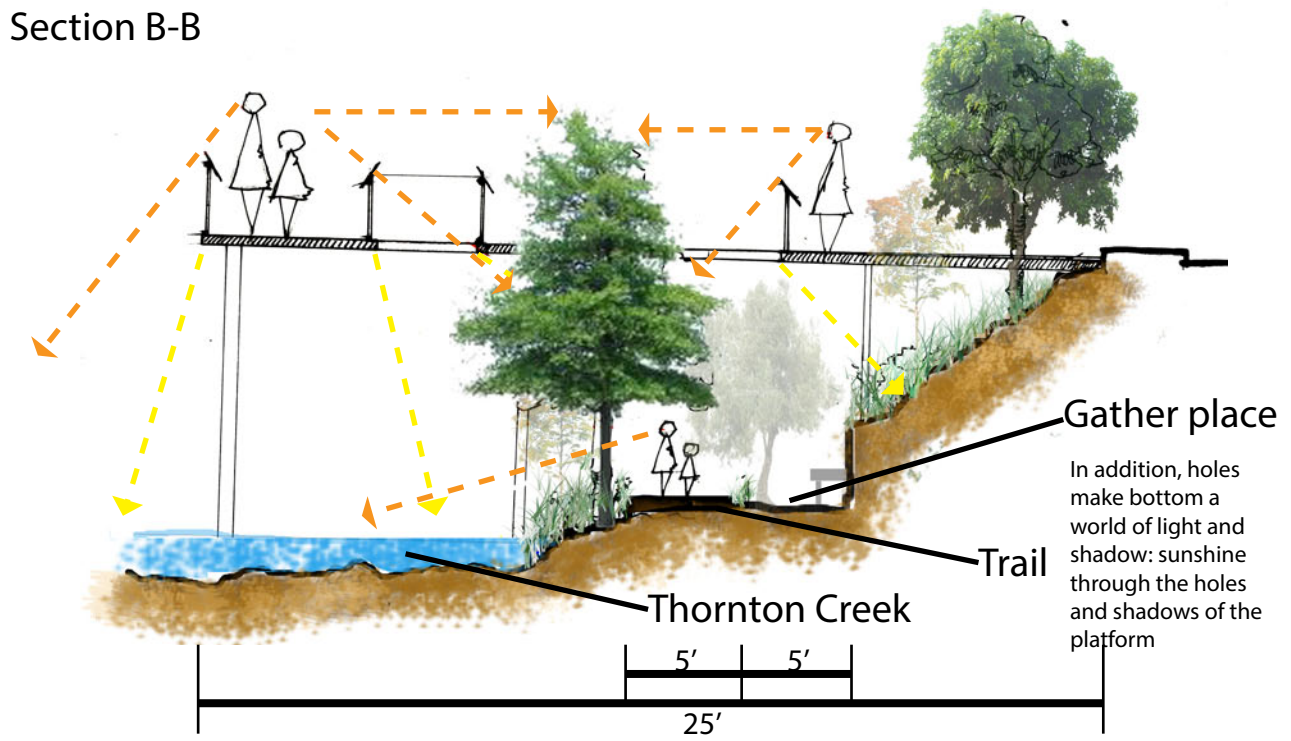


Section A-A  
 - - - Sunshine  
 - - - View



The holes on the platform provide room for trees to keep growing and meanwhile provide two distinctive methods of observation: 1) Tree Canopy observation: from top, middle and bottom to observe the trees; 2) Wetland observation: from the above to observe the creek.

Section B-B



**Gather place**  
 In addition, holes make bottom a world of light and shadow: sunshine through the holes and shadows of the platform

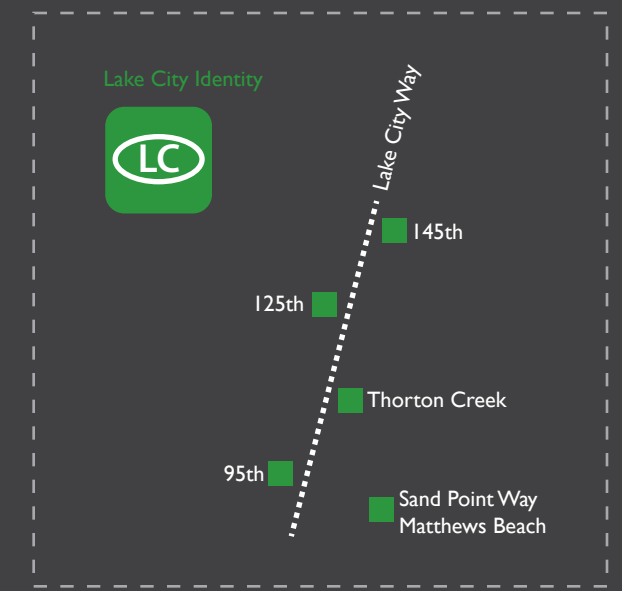
**Trail**

**Thornton Creek**



existing conditions  
googlemaps

# lake city identity



designer:  
eddie plana

type:  
greenway

design goals:

- + identity
- + sense of place
- + safety

## What words DO you use to describe Lake City to others?



During the month of February, I released a survey available to anybody who lived in Lake City. Over seventy different people responded to the survey. These are two questions asked in the survey. The size of the text reflects how often an answer was repeated (IE the larger the text, the more often that same response was given).

## What words would you like to use to describe Lake City?



I'm in Lake City!

Envisioning Healthier Neighborhood Design | Lake City

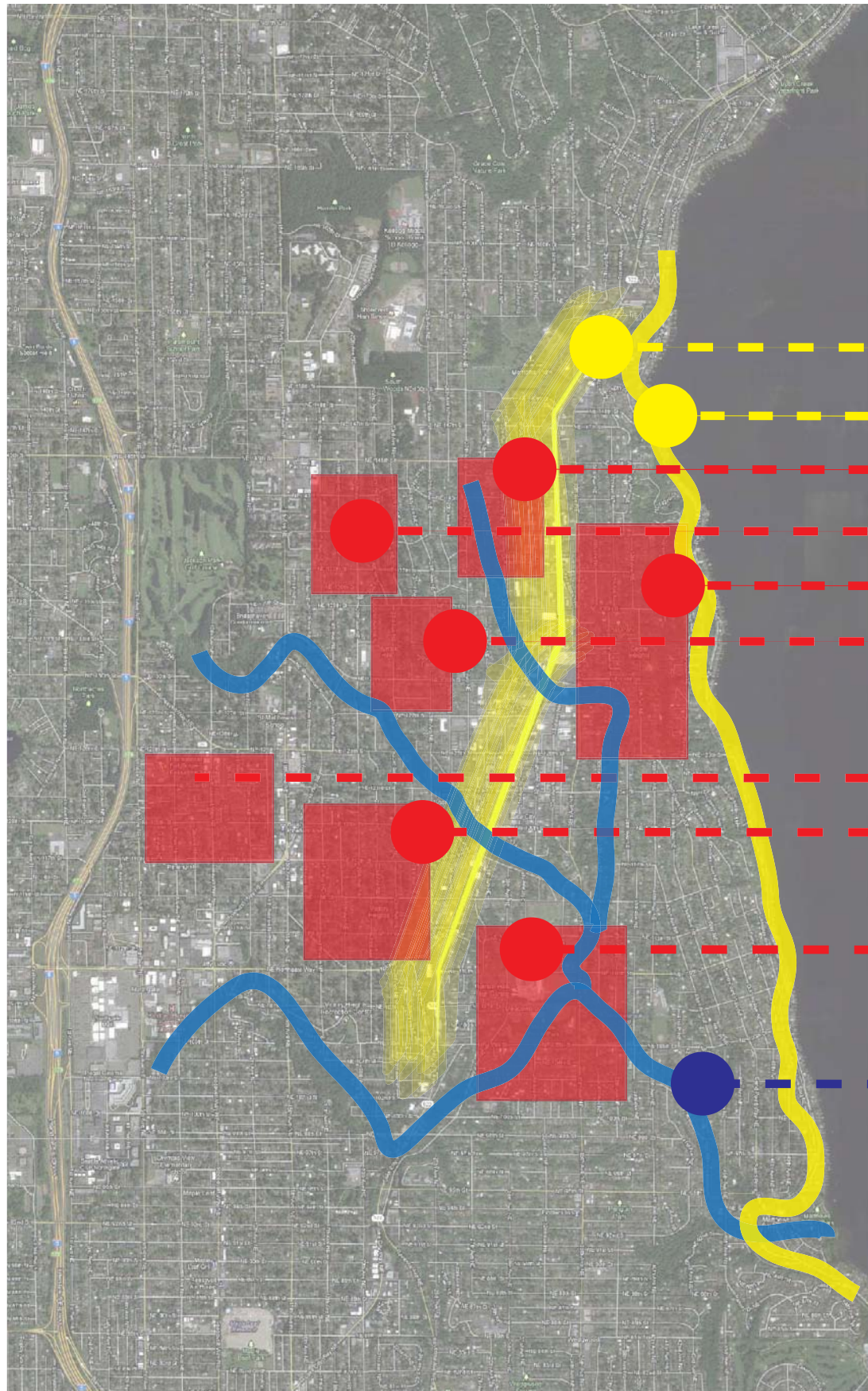
# COMMUNITY VOICE

Systems: Safety & Crime, Culture & Community, Transportation, Character

University of Washington Landscape Architecture | Neighborhood Design Studio | Winter 2013 | Eddie Plana

Word Cloud: <http://www.wordle.com>, compiled via survey by E. Plana; Survey: <https://surveymonkey.com>

Since the Lake City community started at the turn of the 20th century it has been an area without any consistency. It started as a community of rural summer homes for wealthy city dwellers. The neighborhood now seeks a common identity or sense of place.



### Sites Within The Site

- Lake City Way
- Burke Gilman Pedestrian Trail
- Little Brook Community
- Olympic Hills Community
- Cedar Heights/Park Community
- Douglas Park Community
- Pinehurst Community
- Victory Heights Community
- Meadow Brook Community
- Thornton Creek & Little Creek

Separate but vibrant neighborhoods

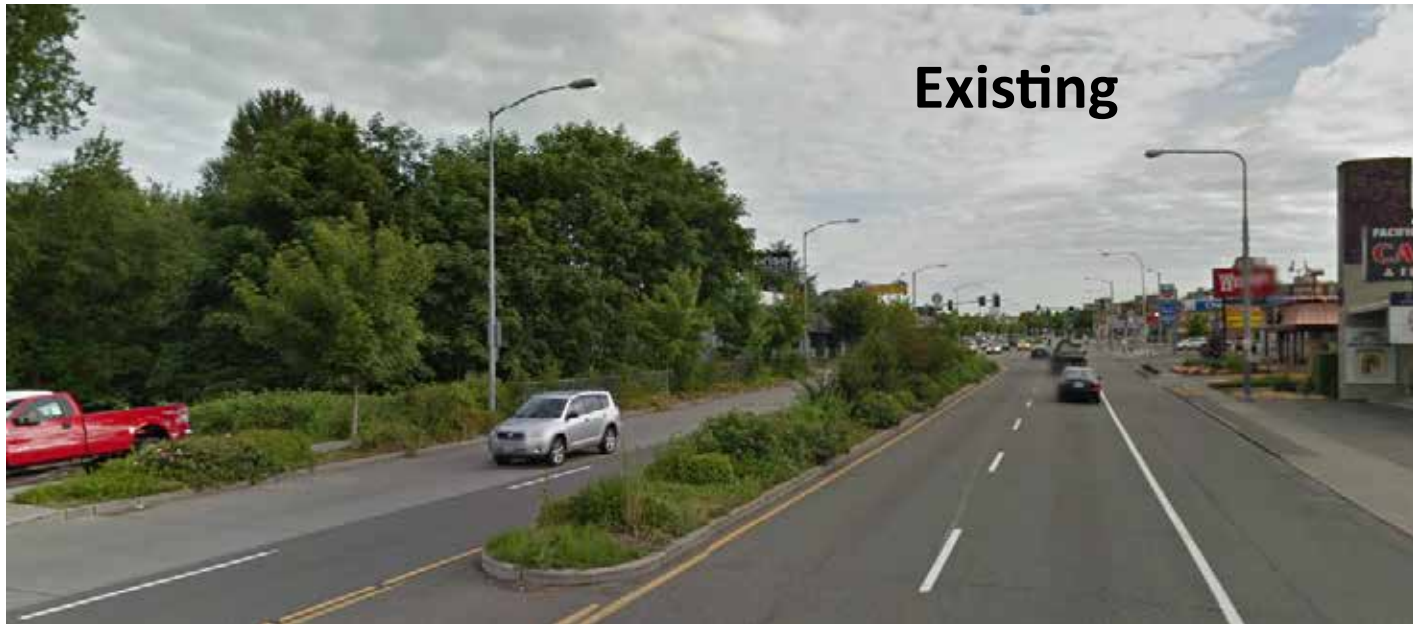
Two large transportation avenues: LCW and BGT

Entire area is within the urban watersheds of Thornton Creek and Little Creek that feed Lake Washington



SEATTLE

I'm in Lake City!



Existing



“There’s water in Lake City!” said a resident at a community meeting. The from end-to-end, the entirety of Lake City is within the Thornton Creek Watershed. The watershed feeds Lake Washington and is historically home to salmon and many other animals. Providing these faux bridges give an opportunity to increase pedestrian safety while providing a stamp helping the people identify that they are in an important watershed.



**Lake City Way & 117th**  
 This rendering of a new pedestrian crossing and faux bridge art installation announce to the traffic that they are entering a different space that requires attention. This provides safety for pedestrians. These crossings are proposed at creek crossings, which coincide with popular pedestrian travel routes.



**Lake City = Urban Watersheds**

- Little Creek Crossings:  
 NE 130th & LCW  
 NE 125th & 33rd Ave NE
- Thornton Creek Crossings:  
 NE 95th & LCW  
 NE 117th & LCW  
 NE 125th &



I'm in Lake City!

Envisioning Healthier Neighborhood Design | Lake City

**BRIDGING COMMUNITIES**

Systems: Safety & Crime, Culture & Community, Transportation, Character



Existing



Currently when asked how you know you're in Lake City, the common response is "When you pass a strip club..." Changing the welcoming entrance to the community can provide immediate benefits and positive responses to the improved entrances. Adding welcoming signs to other popular entrances to LC can help provide a new sense of place.



Lake City Way & 95th  
Community Painted Murals along LCW bring colorful visuals to large blank walls along LCW.

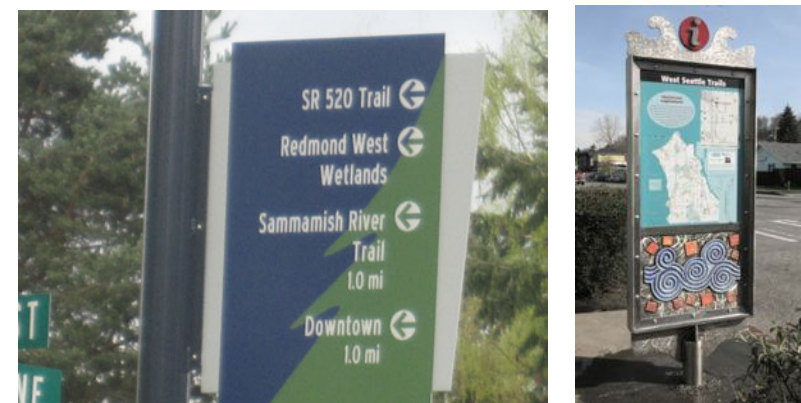


**Common Lake City Entrances:**

- NE 95th & LCW
- NE 145th & LCW
- NE 125th & 15th Ave NE
- BGT @ Matthew's Beach
- BGT & NE 125th
- BGT & NE 135th



Precedent: Murals add color to blank walls and help give community express identity.



Precedent: Way-finding tools allow for easier and better pedestrian access.

Envisioning Healthier Neighborhood Design | Lake City

# WARM WELCOME

Bright pavers, neon art & entrance signage announce visitors entry to Lake City.

I'm in Lake City!

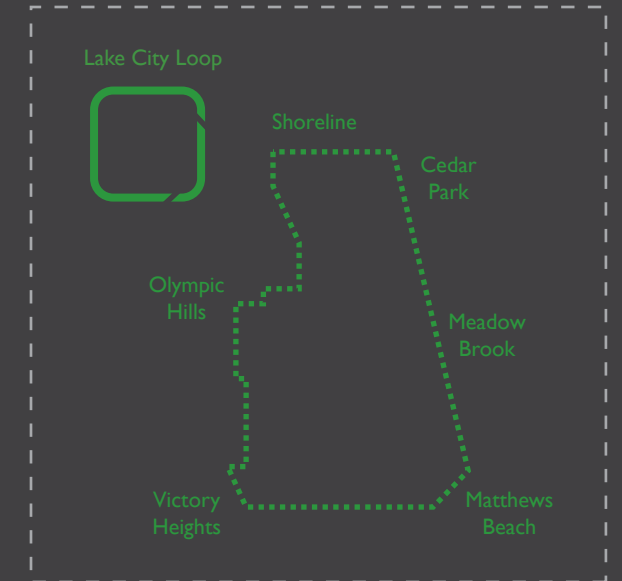
Image Credits: Photo: <http://www.google.com> (Edited by E. Plana); Image: West Seattle; <http://www.feetfirst.com>; Image: Lake City Mural <http://www.seattletimes.com>; Word Cloud: <http://www.wordle.com>, compiled via survey by E. Plana



existing conditions  
googlemaps

© 2011 Google

# lake city loop



*designer:*  
eliot mueting

*type:*  
system

*design goals:*

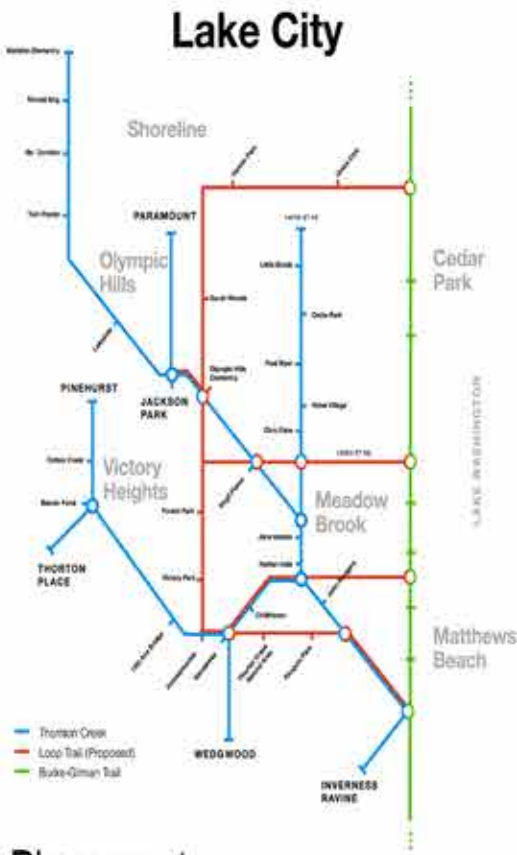
- + develop a route for pedestrians and cyclists
- + create connections
- + improve wayfinding



# Lake City Loop

# Pathways As Places

Typological Approach to Way finding  
Eliot Mueeting



## Purpose & Need

Lake City is a conglomeration of the neighborhoods: Olympic Hills, Cedar Park, Victory Heights, Meadow Brook, and Matthews Beach that define what is NE Seattle.

Since Lake City was incorporated in 1954, the area has been associated with large car sales lots, a lack of sidewalks, Lake City Way (SH 522), and a generally auto-oriented built environment. Lake City is commonly referred to as an area that people drive through but do not stay in.

The purpose of this project is to help complete Lake City. Stitching together the large cut throats is SH 522 and reconnecting the environment to something more on the human scale. The proposed Loop trail symbolically encompasses the Lake City area connecting schools, parks, and various open spaces.

The expansion of large evergreen canopy immersed within the Thornton Creek watershed set on the shores of Lake Washington gives the area the gift of supreme natural beauty.



## Three Types

Looking at the Lake City Area I see three major types: Built, Natural, and Blended. The Loop trail that I am envisioning is intended to inform the users of the roadway what type of area they are currently in and what type of area it is that they are heading toward. This is achieved through a variety of cues along the trail. Most obvious of which is a material change of the large structures purpose posed along the path way.

### Built

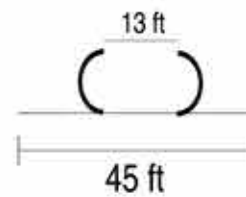
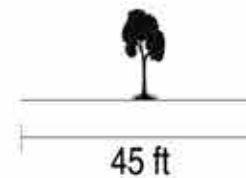
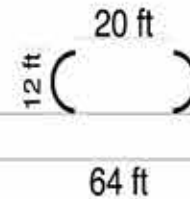
This type requires the most significant amount of improvements in order for pedestrians to feel safe enough to use it. In this rendering you can see that the structures are made out of metal and there is a post in the middle of the entrance to the path way that prevents larger vehicles from entry the space for people.

### Natural

This type requires the least amount of improvements, since this type is only found around natural areas. In Lake City this typically means near some large ravine or creek which is where a majority of the street ends are, and thus no through traffic. Pedestrians can feel a sense of belonging in the road way due to the large evergreen trees lined down the middle of the road way.

### Blend

This type is the most commonly found in Lake City. The wooden structures are meant to provide refuge for pedestrians along the way effectively making the street an option as a place that is for people, oriented towards humans.

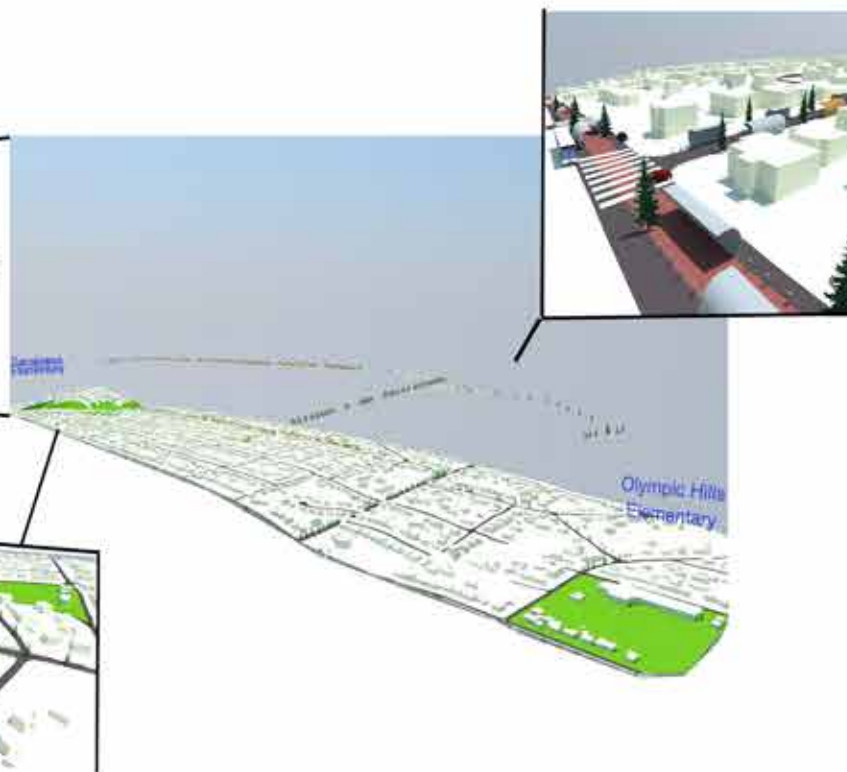
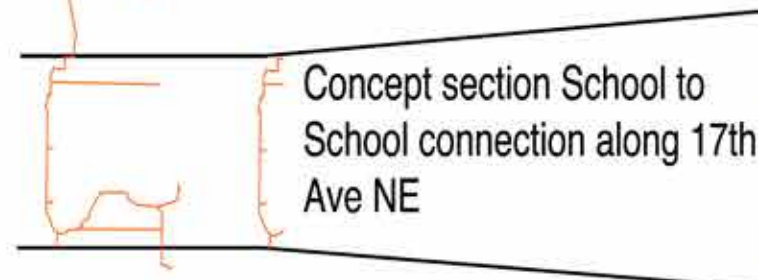


## Structure Concept

The large crescent structures placed along this pathway are an attempt to reclaim right of way space for pedestrians. The Structures are designed to be ~12 ft tall and 40 ft long. The size of the structures was determined largely by the size of the road way they are proposed to occupy. Large enough to be individual programmed for a variety of uses.



## Placement



## Before

17th Ave NE as it exists today is extremely wide ~45 feet and is lacking any form of pedestrian infrastructure. What is accentuated in this Screen shot is the lush nature of the area.



## After

The lack of sidewalks in Lake City and the generally undeveloped roadway is an enormous opportunity for Lake City to try a new model of how we design our built environment for pedestrians in Seattle neighborhoods.



## Precedents

Olinsted Parks and Boulevard System



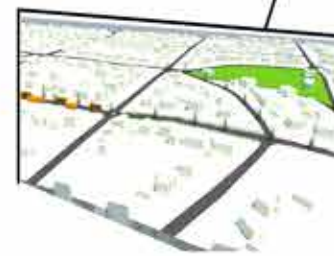
Odessa Ukraine, Potemkin Stairs



Moscow Russia, Boulevard Pathway



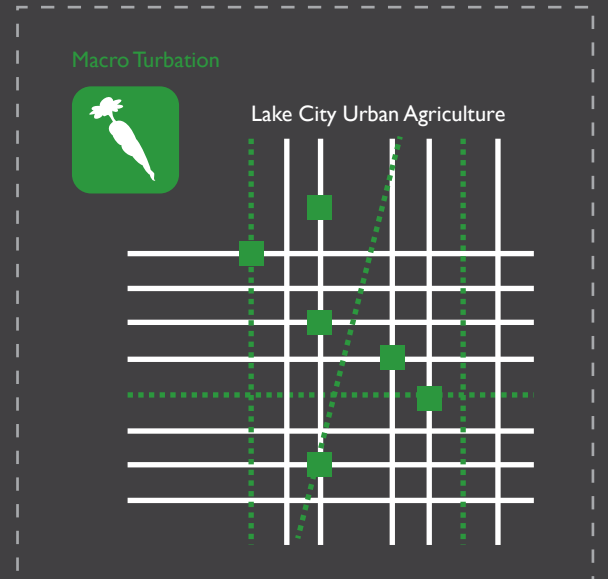
Senegaya Green Mall, Senegaya Tokyo Japan





existing conditions  
googlemaps

# macro turbation



designer:  
cami culbertson

type:  
system

design goals:

- + foster a sense of community
- + develop community interaction
- + initiate a closed-loop food system

The following pages are excerpts from a larger booklet addressing urban agriculture within Lake City; to view the booklet in its entirety follow the link provided on the department website.



# [EXISTING] Agriculture

- 3 Bees City Farm
- Redfern Yardfarm
- Bastille Rooftop Garden
- City Grown
- Future site of UW + SYGW  
[University of Washington + Seattle Youth Garden Works]

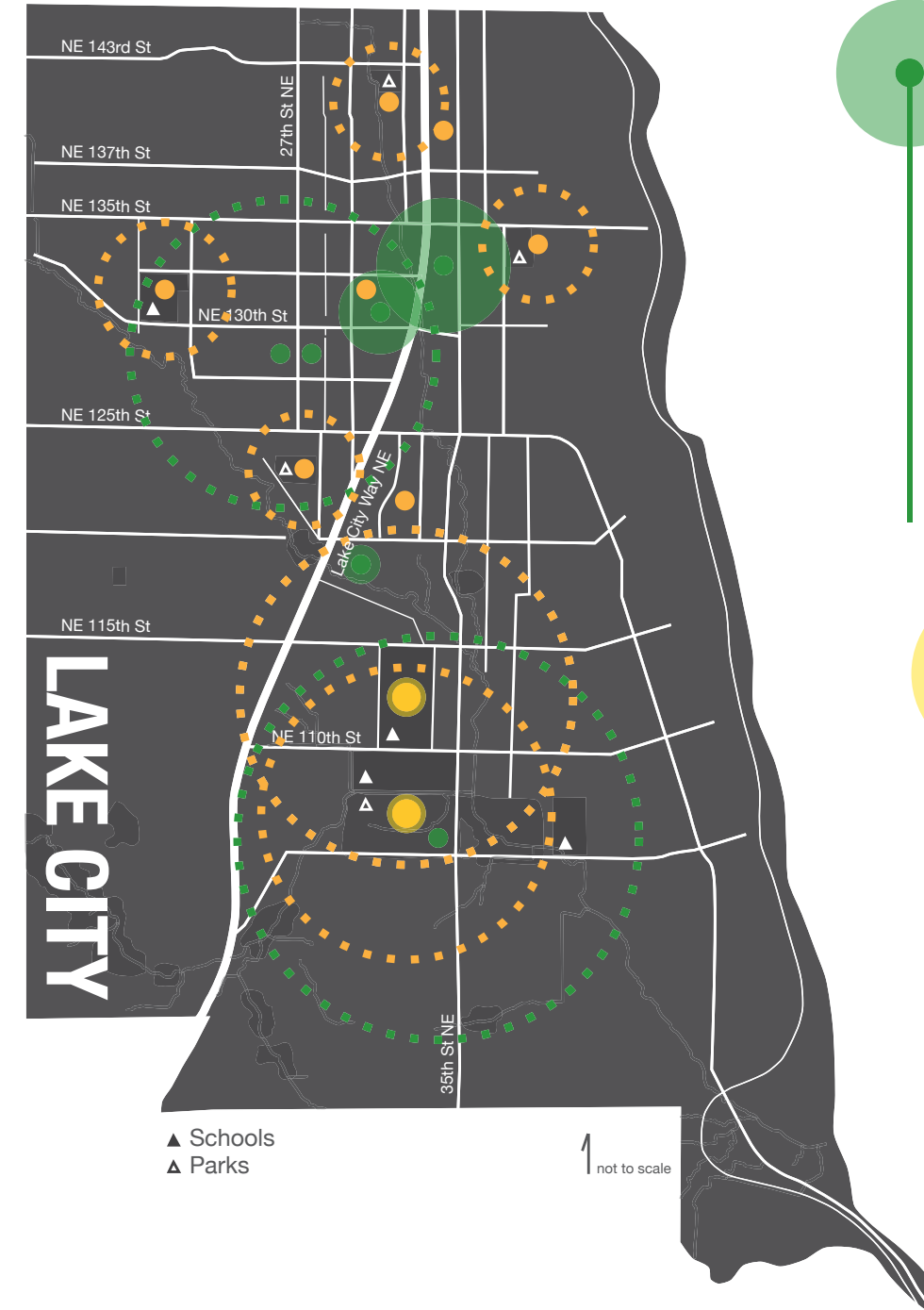
## SEATTLE URBAN FARMS

- Alleycat Acres
- City Art Farm
- Transitional Resources
- Future site of Beacon Hill Food Forest
- Future site of Rainier Beach Urban Farm
- Magic Bean Farm
- Amaranth Urban Farm
- Marra Farm



3 not to scale

# [POTENTIAL EXPANSIONS OF] Agriculture



▲ Schools  
▲ Parks  
↑ not to scale

## DISTRIBUTION

- Existing**
- Fred Meyer
  - Grocery Outlet
  - Pacific Market
  - Manila Manila
  - Kilimanjaro Market
  - Pakistani Indian Market
  - CSA [Community Supported Agriculture]
- Potential**
- Permanent Farmer's Market
  - Meadowbrook Community Center
  - Nathan Hale High School
  - Jane Addams K-8

## PRODUCTION

- Existing**
- Victoria Park [SHAG]
  - Cedar Park [SHAG]
  - Meadowbrook City Orchard
  - Lake City Court P-Patch
  - Nathan Hale Horticulture Program
- Potential**
- Nathan Hale High School
  - Jane Addams K-8
  - Olympic Hills Elementary
  - Virgil Flaim Park
  - Cedar Park
  - Little Brook Park

LEARNING

COMMUNITY

FOOD

# [CONNECTING] Typologies

## SCHOOL + COMMUNITY GARDENS

**COMMUNITY GARDEN** [co.mmun.ity.gar.den] *n.*  
A single piece of land gardened collectively by a group of people.

Moving beyond the preconceived notion that community gardens are composed of rigid, immobile raised beds, there lies a future of mobility and flexibility, allowing valuable space to serve multiple functions. What could the future bring? Trailer bed gardens parked along the street? Wheeled planters? What ultimately serves the needs of a given community? Blur the line between public and private land ownership, spill out into those streets and alleyways that one engages with on a daily basis - make space.

Many of these urban agriculture typologies are linked to school sites due to their inherent connectivity to the community; implementation at these hubs of learning can initiate a shift in the current model of food security, as well as an alteration in community relationship dynamics.

### IMPLEMENTATION STRATEGIES

Sustainable NE Seattle

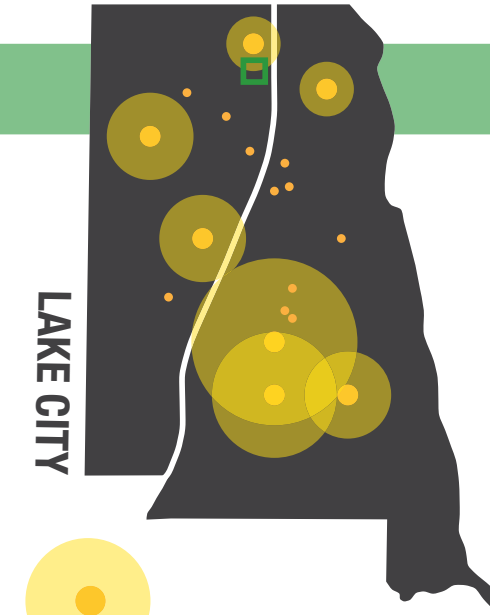
Tool Lending Library

The NE Seattle Tool Library is a community-led project to provide pay-what-you-can community access to a wide range of tools, training, and advice.

Volunteer at Local Schools

Although community gardens are not allowed on school property, individuals could go through a verification process in order to become school volunteers invested in the production, harvest and distribution of food products. Perhaps even job opportunities could arise from a need of employees dedicated to the Career Technical Education [CTE] Program, or the maintenance of food safety procedures. Successful models rise from integrating systems into the structure of a community.

### CONNECTING CONTESTED LOCATIONS TO PRODUCTIVITY + FUNCTIONALITY



LAKE CITY

- Potential** ●
- Nathan Hale High School
  - Jane Addams K-8
  - Olympic Hills Elementary
  - John Rogers Elementary
  - Virgil Flaim Park
  - Cedar Park
  - Little Brook Park
  - Private Gardens
  - P-Patches
  - Apartment Rooftops
  - Alleys
- Site Location** ◻
- Little Brook
  - [32nd St NE + NE 137th St]

# lake city

*2013 + beyond*