



# CONNECTING TO THE PACOIMA WASH

CAPSTONE PROJECT STUDIO

SUMMER 2020 MARTHA MARTINEZ

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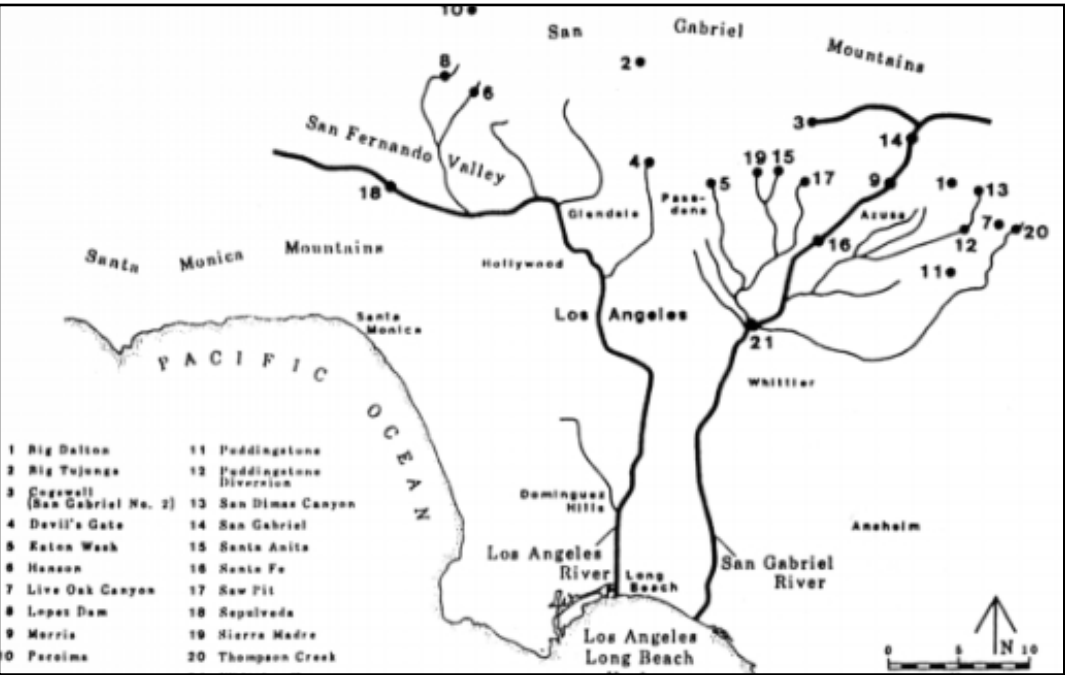
# HISTORY OF THE PACOIMA WASH



A cable car's lost due to the floods of 1884. Courtesy of Los Angeles County Flood Control District



Devastation of Arroyo Seco after 1914 flood



Los Angeles County Control District

1771 First San Gabriel River overflow recorded

1811 First Los Angeles River Flooding recorded

1815 Los Angeles River course changed

1825 Los Angeles River course changed again

1832 Major winter flood years

1842 Major winter flood years

1859 Major winter flood years

1915 County wide Flood Control Agency created

1939 Last major flood catastrophe

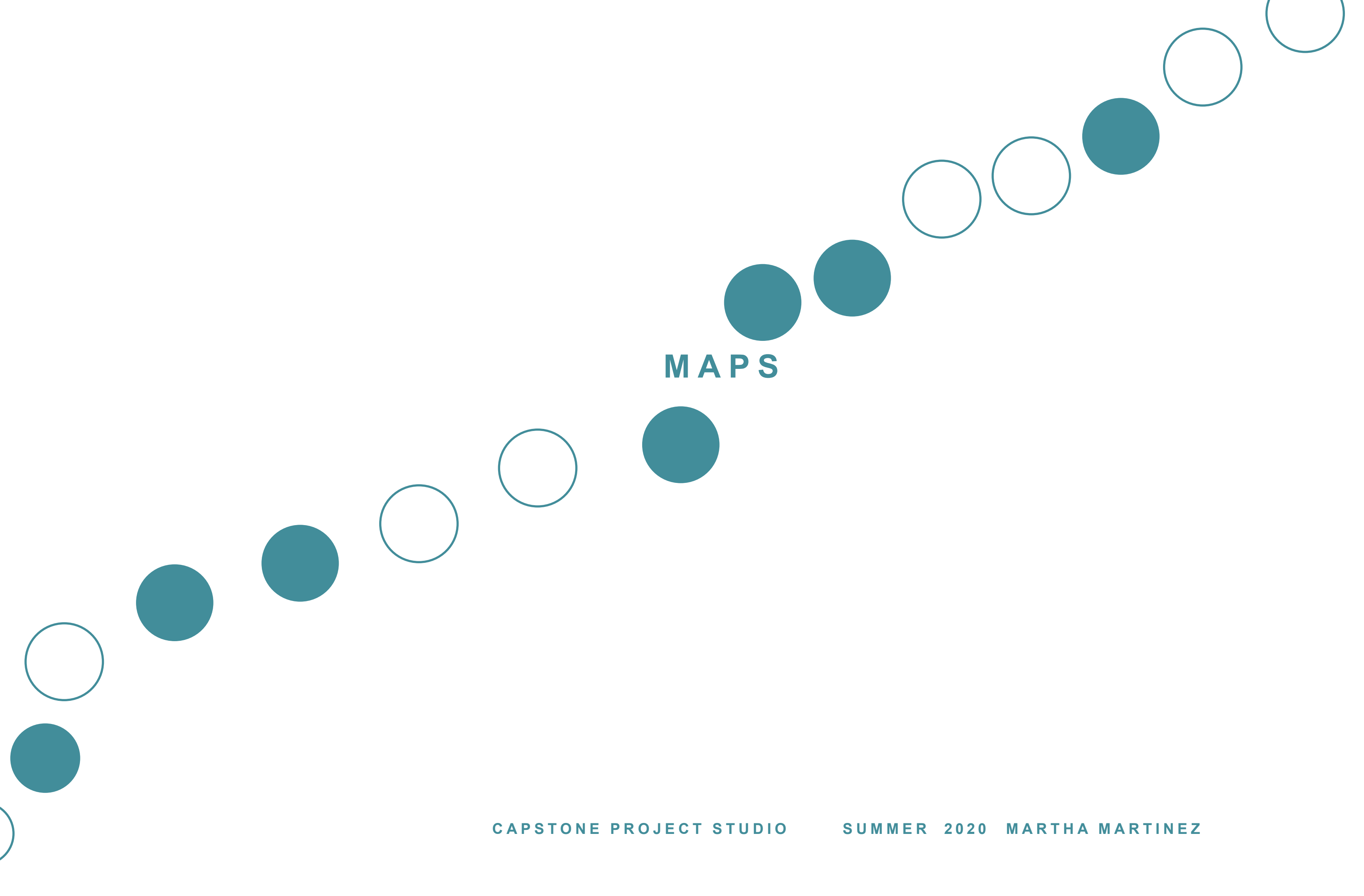
1979 Transformation completed



House Destroyed due to the floods of 1934. Courtesy of Los Angeles County Flood Control District

TABLE ONE FLOOD CONTROL DAMS IN THE LOS ANGELES COUNTY DRAINAGE AREA		
Dam	Type	Year Completed
Big Dalton	Concrete Multiple Arch	1929
Big Tujunga	Concrete Arch	1931
Cogswell (San Gabriel No. 2)	Rock Fill	1934
Devil's Gate	Concrete Gravity	1920
Eaton Wash	Earth Fill	1937
Hansen	Earth Fill	1940
Live Oak Canyon	Concrete Gravity	1922
Lopez Dam	Earth Fill	1954
Morris	Concrete Gravity	1934
Pacoima	Concrete Arch	1929
Puddingstone	Earth Fill	1928
Puddingstone Diversion	Earth Fill	1928
San Dimas Canyon	Concrete Arch	1922
San Gabriel	Rock Fill	1939
Santa Anita	Concrete Arch	1927
Santa Fe	Earth Fill	1928
Saw Pit	Concrete Arch	1928
Sepulveda	Earth Fill	1941
Sierra Madre	Concrete Arch	1928
Thompson Creek	Earth Fill	1928
Whittier Narrows	Earth Fill	1957

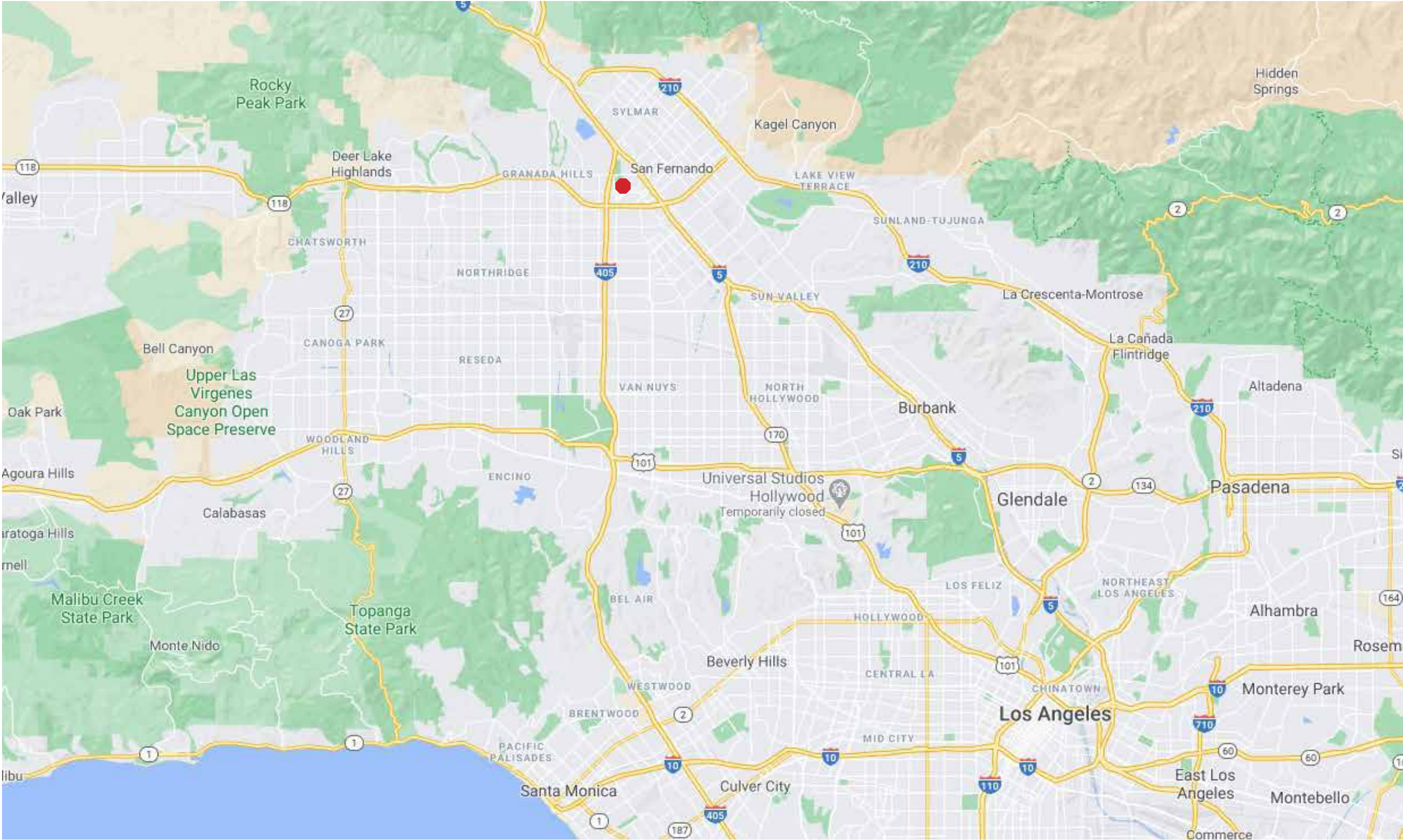
Table Courtesy of Los Angeles County Flood Control District



MAPS



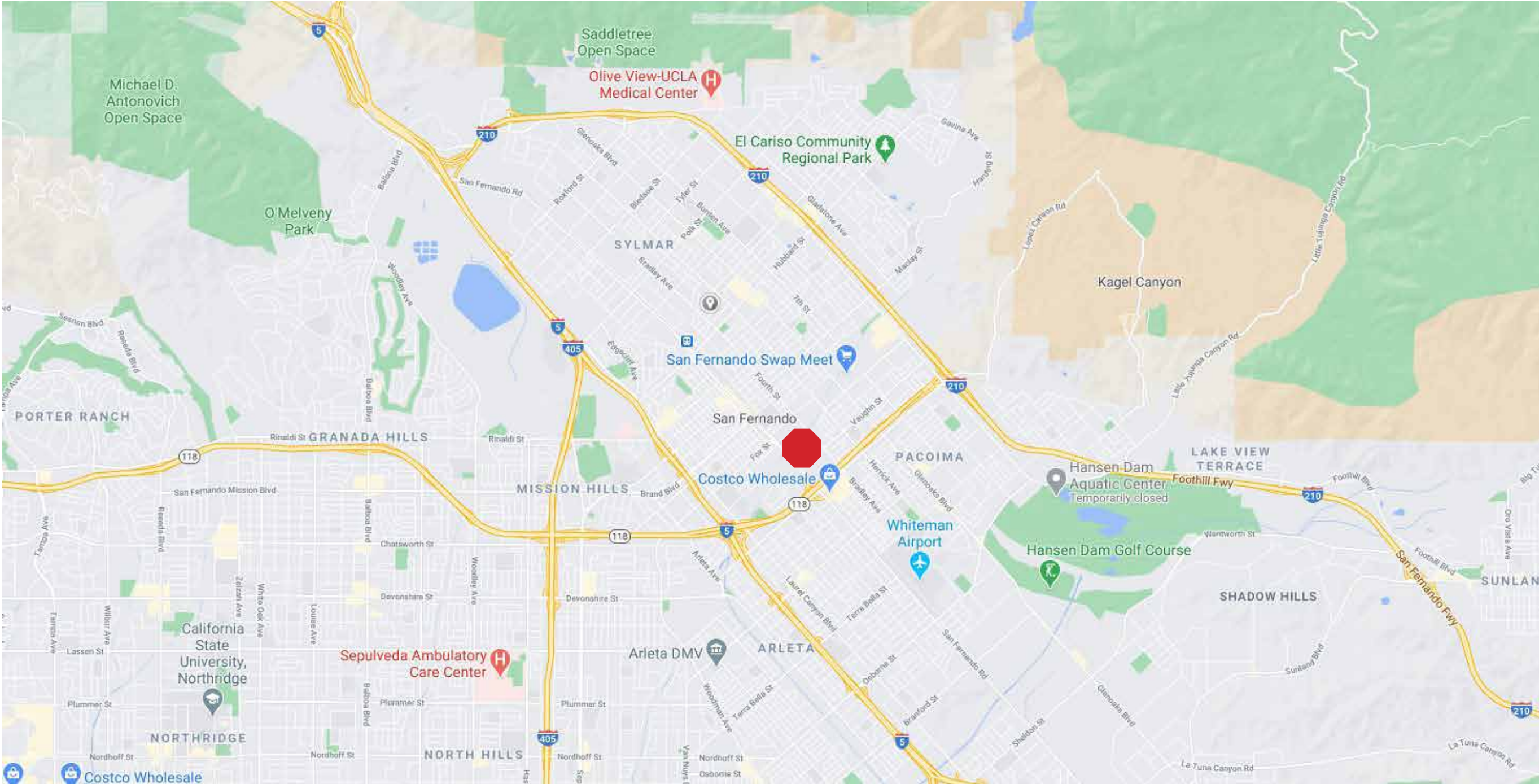
# VICINITY MAP



maps.google.com



# VICINITY MAP



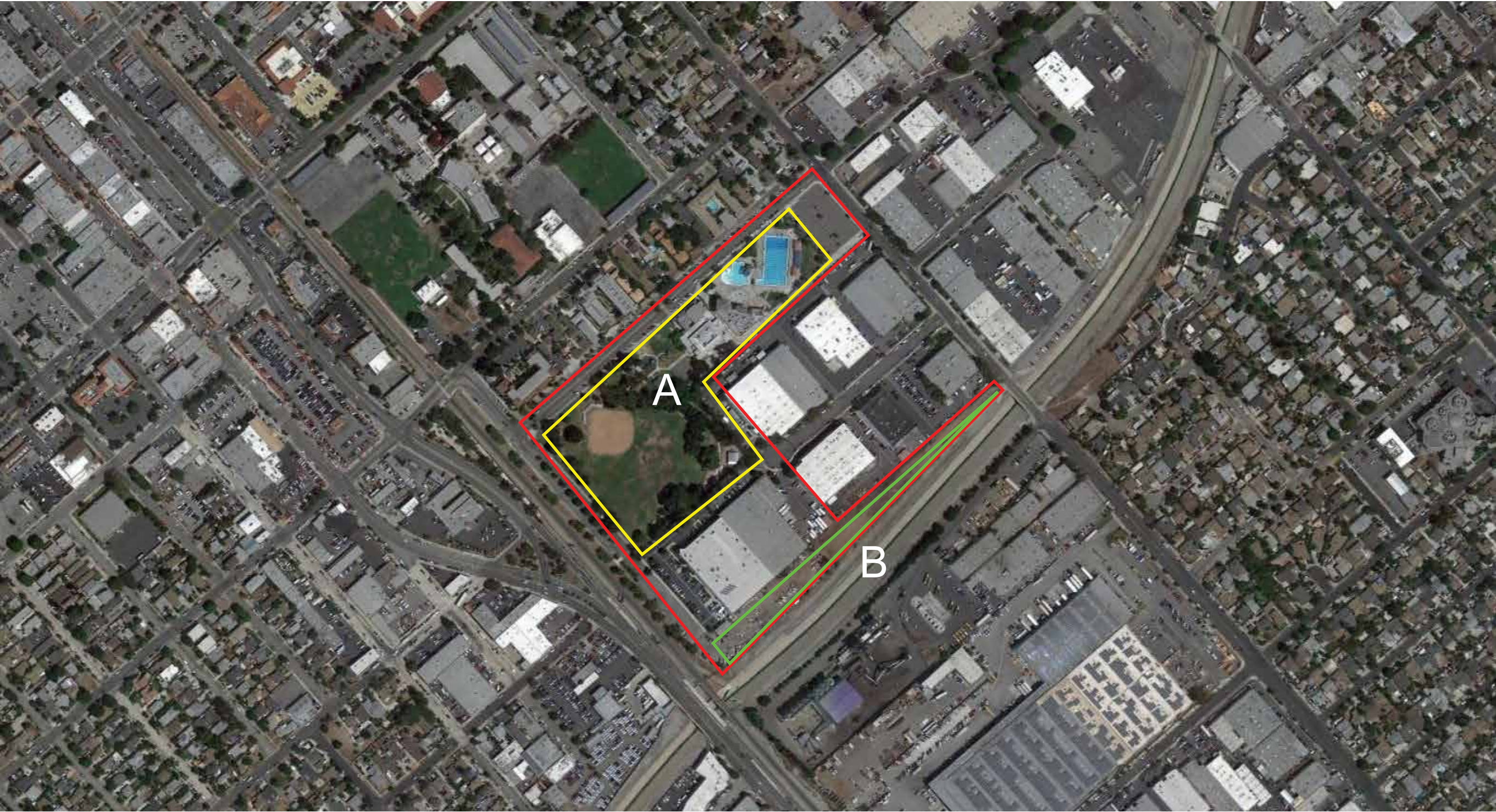
maps.google.com



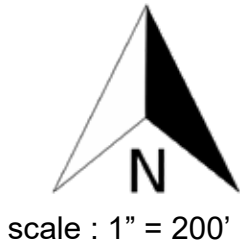
scale : 1" = 1 mile



# LOCATION MAP



maps.google.com





# LOCATION MAP

The San Fernando Recreational Center is 10.69 acres in size with across from a block of residential housing.

The Pacoima Wash is a government parcel in Los Angeles County measuring 223,260 square feet.

The adjoining government of parcel of unused land is 3.13 acres.



[www.cadmapper.com](http://www.cadmapper.com)





# PROJECT STATEMENT

The Pacoima Wash is 33 miles long, and it runs through five cities.

The wash is a concrete flood channel that creates a wedge between communities.

The Pacoima Wash is blocking access to nearby San Fernando Recreational Park in the City of San Fernando.

This project will promote a more active lifestyle and provide opportunities for recreation by connecting nearby communities to the San Fernando Recreational Park and the Pacoima Wash through the implementation of Green Street Design Guidelines.



A suburban land use pattern in the US



The Pacoima Wash



DETROIT, MI, USA (1998 - ONGOING)



Amsterdam Street-scape



# PROJECT JUSTIFICATION

It is crucial to provide green places for people to go outside and engage in an active lifestyle.

The County of California Public Health research has found that the lack of recreational facilities has impacted the community of San Fernando.

According to the study, the district has a high percentage of people who suffer from obesity, diabetes, and hypertension.

All these conditions can be prevented if people were more active. Unfortunately, due to the lack of parks and urbanization, people tend to stay indoors.

It is essential to promote healthy living by providing access to recreational amenities, which will encourage more active life for all age groups.



San Fernando Neighborhood

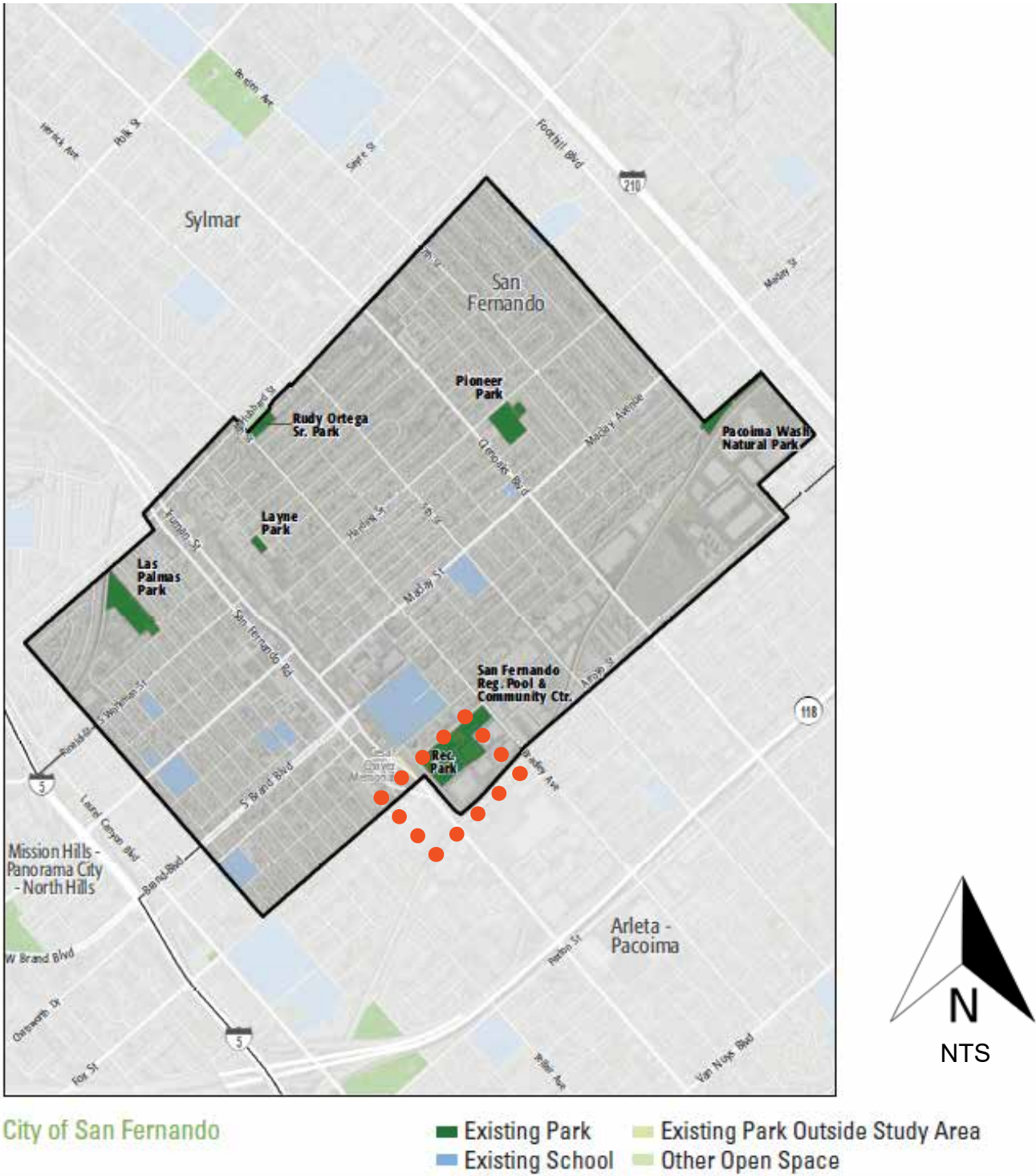


Exercising in the street

/



# WHY ARE GREEN SPACES NEEDED?



Los Angeles Countywide Comprehensive Park & Recreation Needs Assessment

APPENDIX A



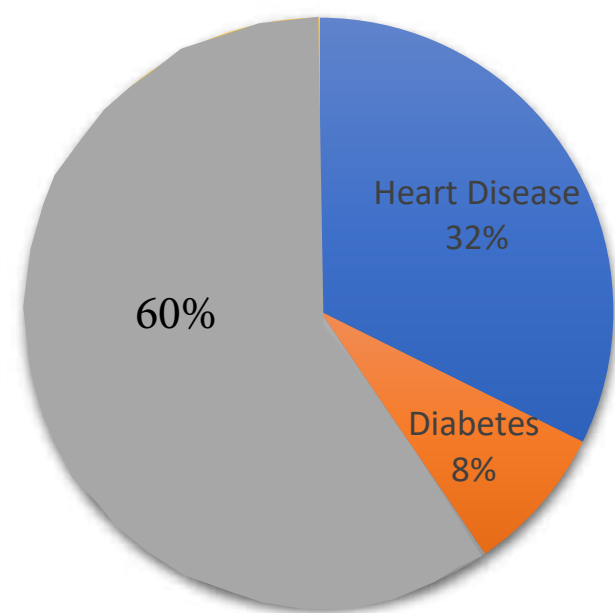
Los Angeles Countywide Comprehensive Park & Recreation Needs Assessment

APPENDIX A

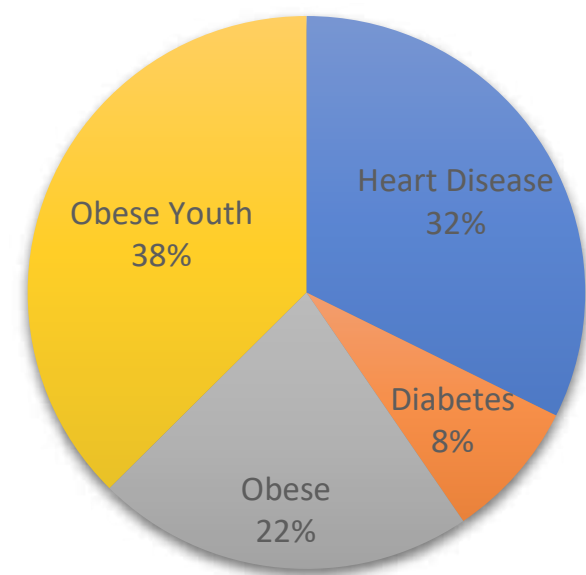


# COMMUNITY USERS

## Residents of The Pacoima Wash



■ Heart Disease ■ Diabetes ■ Obese



■ Heart Disease ■ Diabetes ■ Obese ■ Obese Youth



<https://www.westerncity.com/articles>



<https://www.soundhealthandlastingwealth.com/health-news/coronavirus-health-latest-obese-people-most-likely-to-be-hospitalised-with-covid-19/>



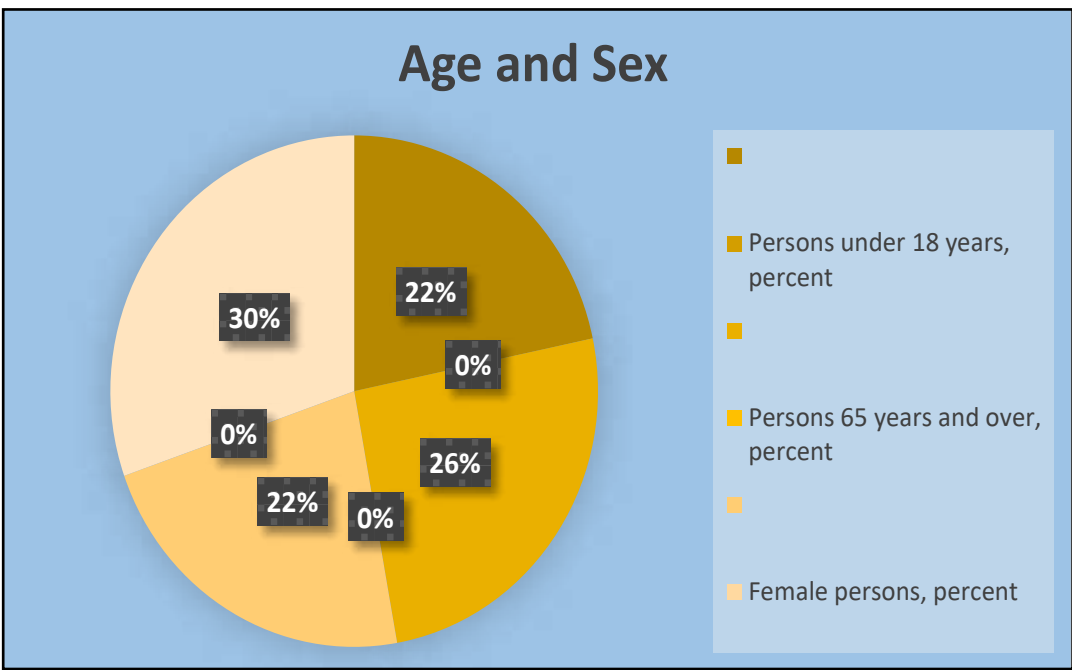
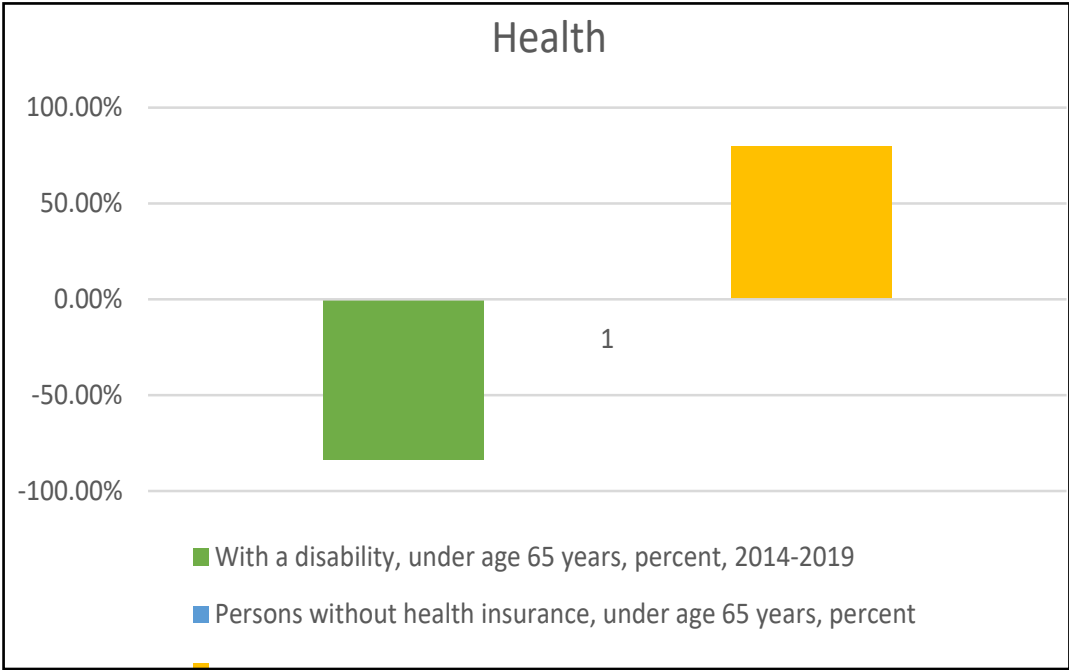
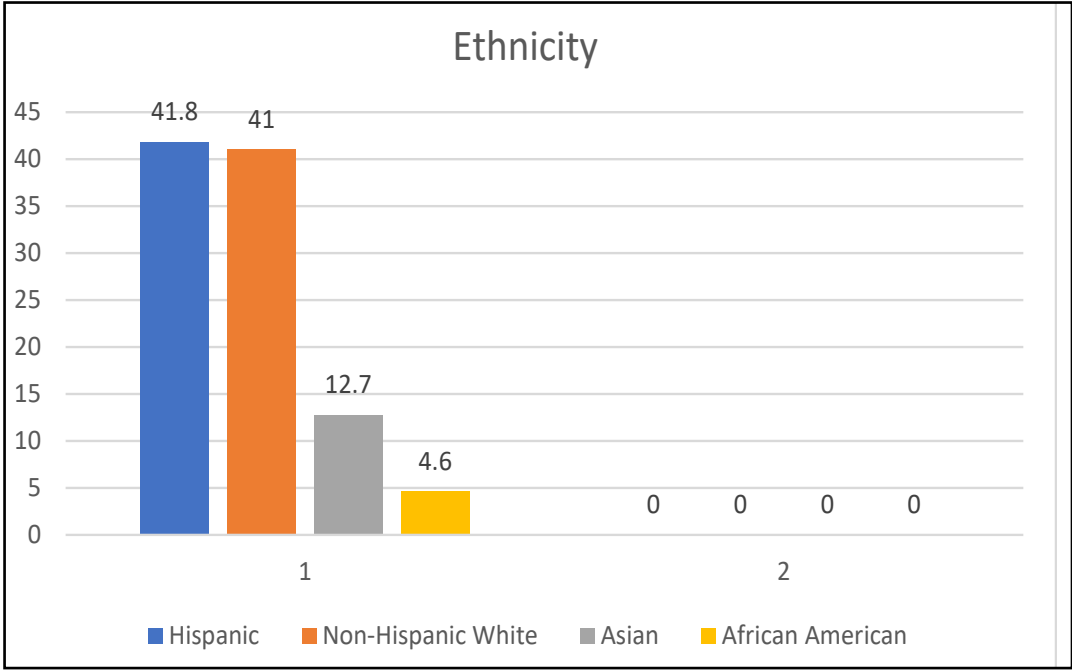
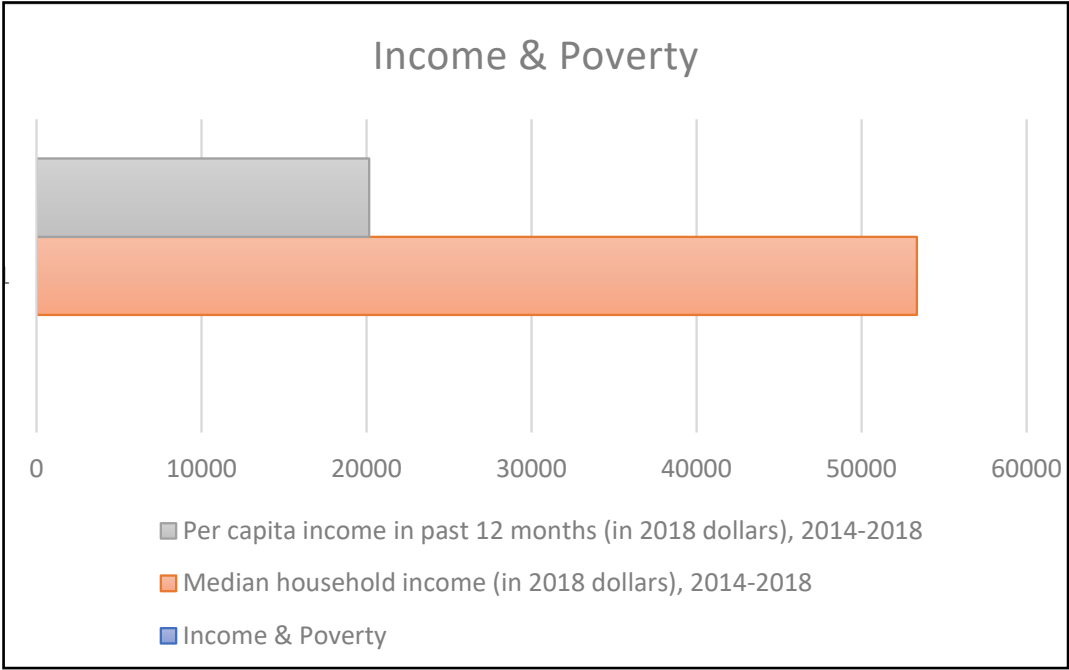
<https://www.cbsnews.com/news/lack-of-exercise-may-be-twice-as-deadly-as-obesity/>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.>



# COMMUNITY USERS





# PROJECT DESIGN METHODOLOGY/ WHAT MAKES A SUCCESSFUL PLACE?



LANCASTER BLVD (LANCASTER, CA)

<https://www.google.com/>

Project for Public Spaces found Four Principles to be effective in designing successful public spaces.

ACCESS  
&  
LINKAGE

SOCIABILITY



PLAZA HIDALGO (MEXICO CITY)

<https://www.google.com/>



BOSTON PUBLIC GARDEN (BOSTON, MA)

<https://www.google.com/>

USES  
&  
ACTIVITIES

COMFORT  
&  
IMAGE



COURTHOUSE SQUARE (PORTLAND, OR)

<https://www.google.com/>



# GOALS

Promote Active Living

Provide access to new and existing recreational amenities

Develop safe street-scape to connect the Community to recreational activities

# OBJECTIVES

Designing underdeveloped parcel of land adjacent to the Pacoima Wash to encourage physical activity among local residents to decrease health issues cause by inactivity. This will be accomplished by creating a green space

Connecting 1st Street to the Pacoima Wash and provide more access entry points to amenities

Adjoining the Pacoima wash with a green-way that will provide a bike lane and walkway connecting the local community and the San Fernando Recreational Park, giving asses to recreational activities.

# ELEMENTS

20 x 20 Playground  
15 x 20 Out Fitness Area  
Outdoor Recreational trail

Green Streets  
Walking Trails  
Bike Lanes

Safety Lighting Along  
The Streets and Parks



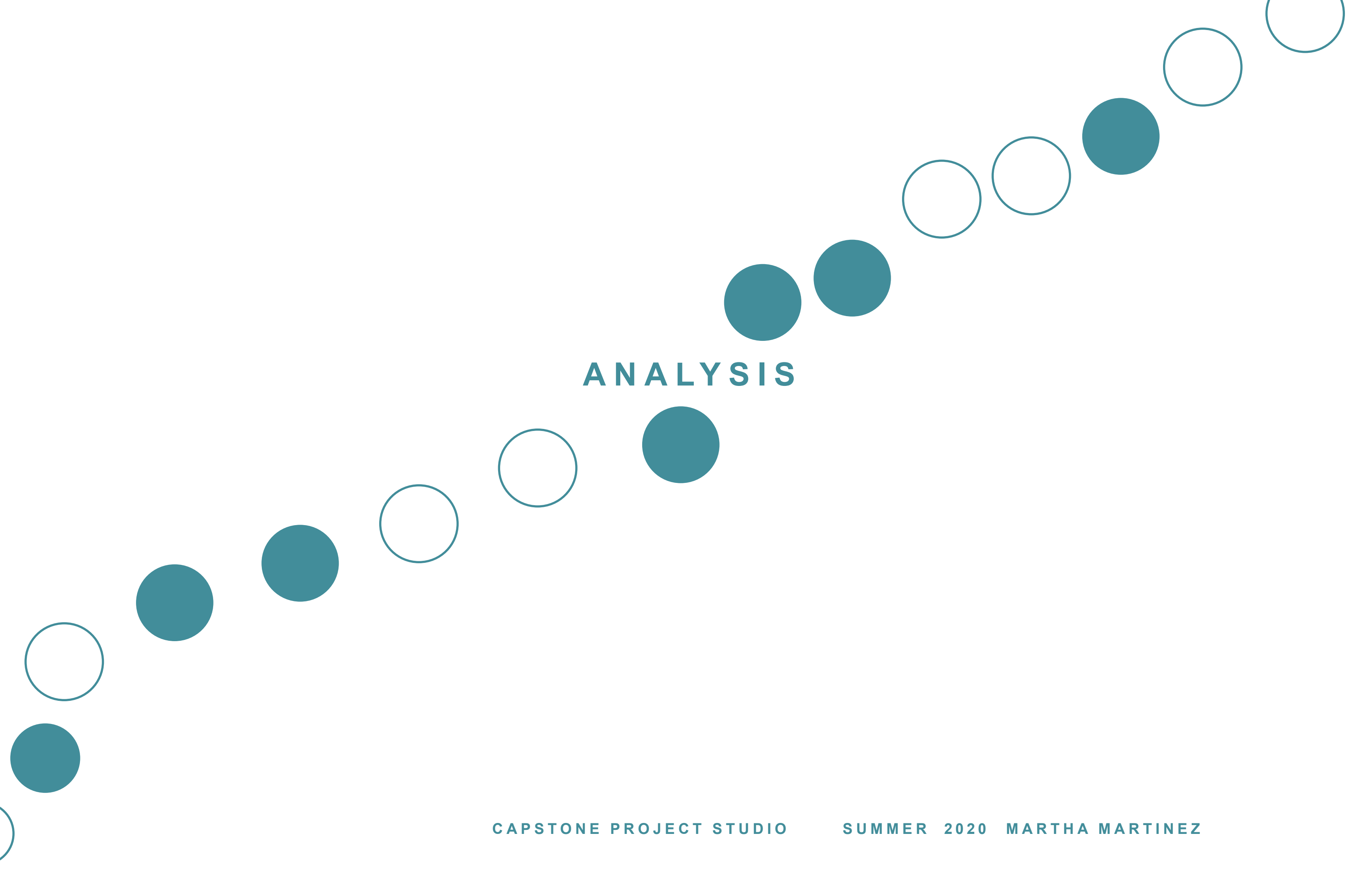
<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.yardstickglobal.org%2Fprojects%2Fparks&psig=AOvVaw0X1Kmz6m>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Ftribecacitizen.>



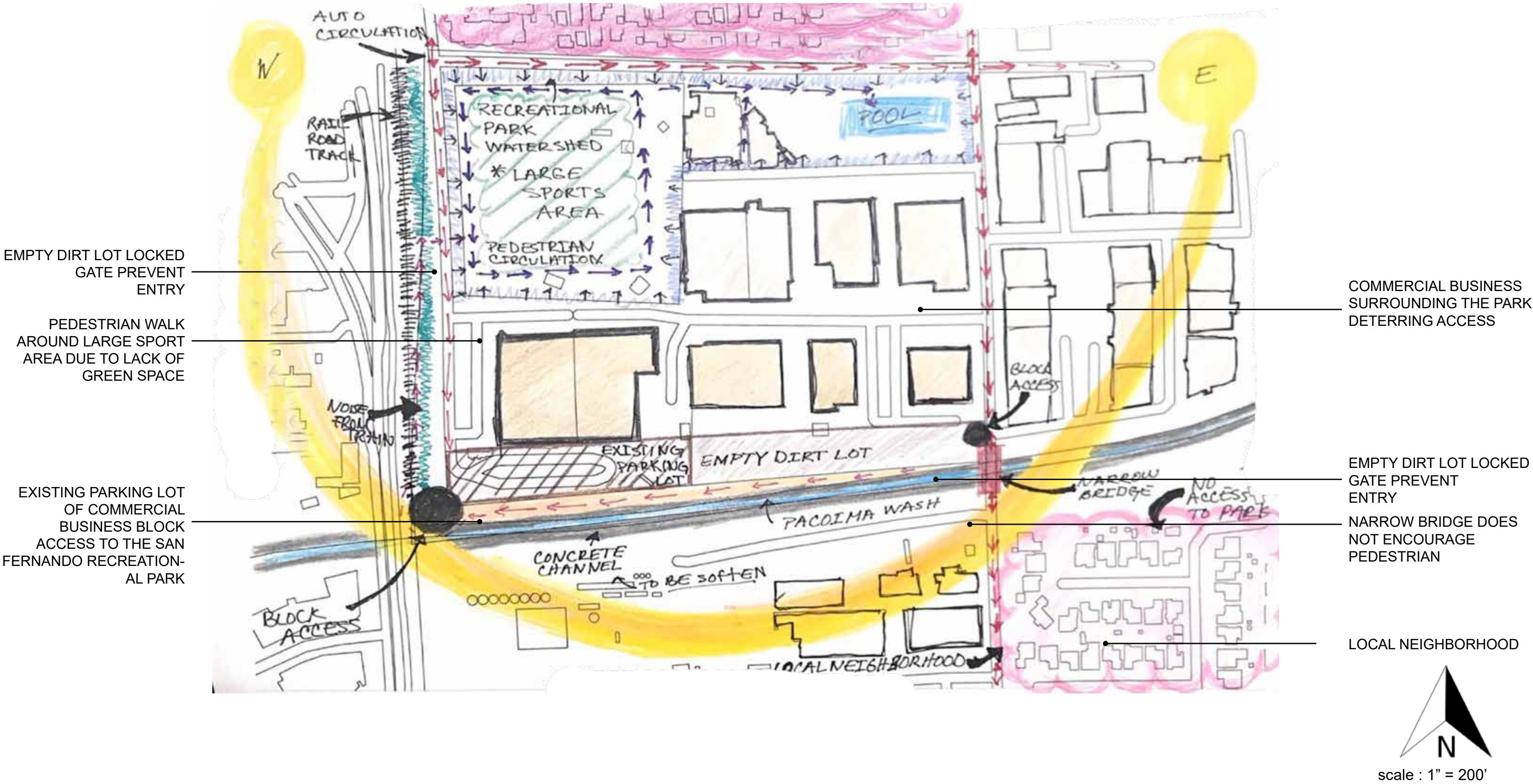
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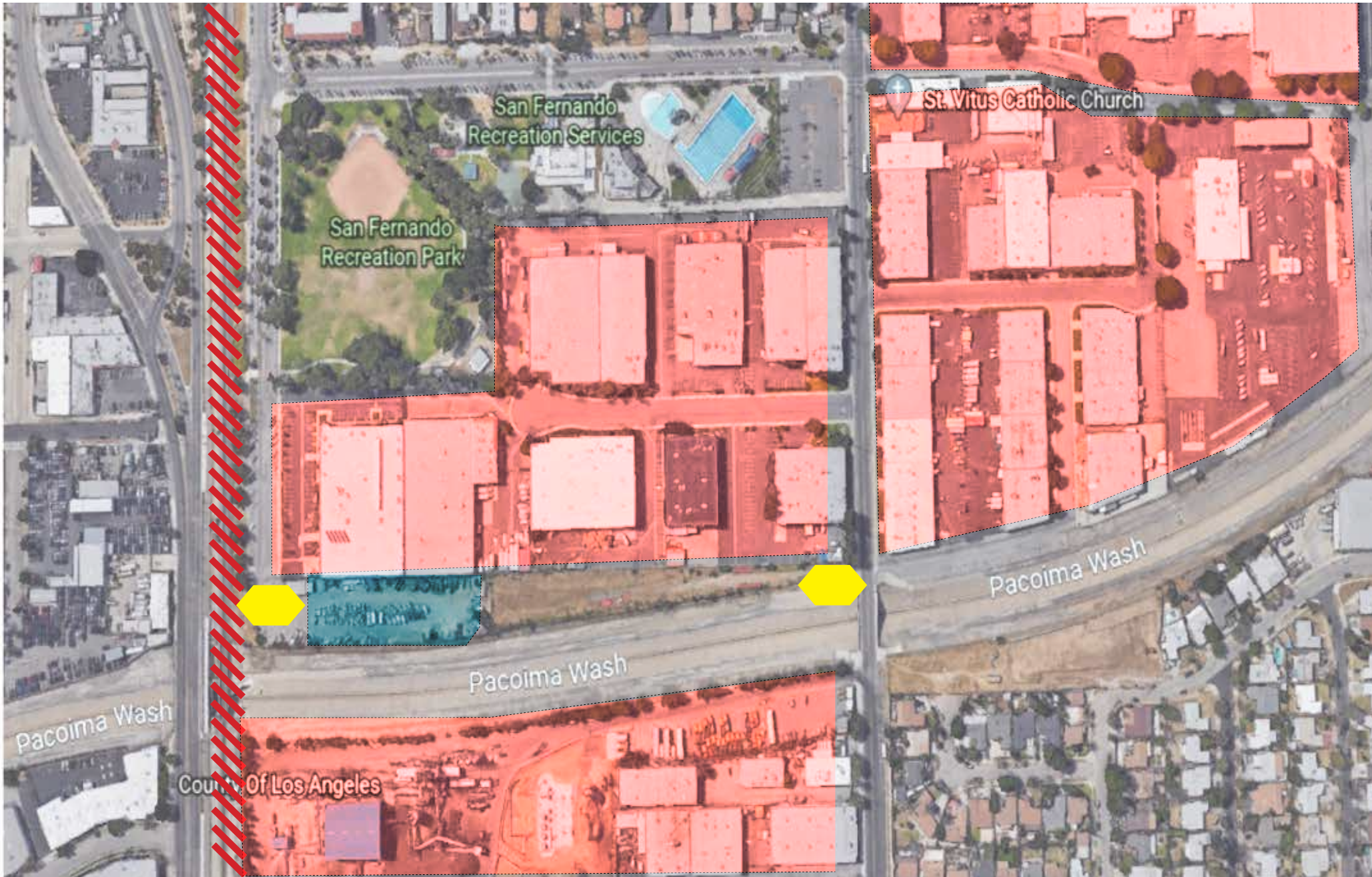
ANALYSIS



# SITE ANALYSIS





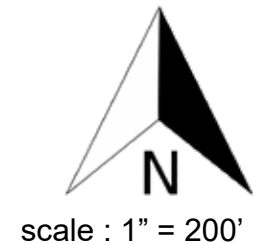


# CONSTRAINTS

- Metro-Link Rail blocks access to the recreational center and is an eyesore for residents plus the train produces a loud noise**
- Existing parking lot limits the amount of space available for park expansion**
- Commercial businesses surrounding the recreational park deters residents from visiting the park**
- Blocked access points prevent residents of having a direct path to the recreational center**

## LEGEND

-  Metro-Link Rail
-  Blocked Access Points
-  Existing Parking Lot
-  Commercial Business





# OPPORTUNITIES

**Cesar Chavez Memorial Park provides an opportunity for more access to the Recreational Park and opportunity to develop a partnership with the community**

**New Access Route allows more accessibility from different locations**

**Green Street Access allows more safety to visitors entering the park**

**Pedestrian Walkway /Bike Path will provided safe passage to Commuters or people visiting the park**



## LEGEND

- - - - San Fernando Recreational Park
- //// Metro-Link Rail
- New Access Points








- ▶ Cesar Chavez Memorial Park
- ↔ Green Street
- Concrete Channel






- New Green Space
- Pedestrian Walkway / Bike Lane

# METRO & BUS SCHEDULE OF THE SAN FERNANDO VALLEY CA






The San Fernando Recreational Park is not accessible to residents. The only people who have access to the recreational center are residents who live across from the park. The park is surrounded by three major freeways 5, 118, and 210, which would make it a perfect destination place. Public transportation is not near the park.











**Legend**  
  
Metro Rail Line & Station  
  
Metro Busway Line & Station  
  
Transfers  
  
Transfer Point  
  
Multiple Lines  
See individual route maps for more detail  
  
Park & Ride  
  
Point of Interest

  
Amtrak & Station  
  
Metrolink & Station  
  
FlyAway  
  
Greyhound  
  
Megabus

**Subject to Change**

**Metro Bus Lines**  
  
**780 Metro Rapid**  
Limited-stop service for a faster ride. Frequent service is available during many time periods. See schedules for details.  
  
**601 Metro Express**  
  
**182 Metro Local or Limited**  
A **THICK** line indicates more frequent service. A **DASHED** line indicates part-time or peak-only service.  
  
**885 Metro Shuttle**  
  
**Site**

**Municipal & Neighboring Bus Lines**  
 **AV** Antelope Valley Transit  
 **BB** Burbank Bus  
 **GB** Glendale Beeline  
 **CE** LADOT DASH/Commuter Express  
 **LCF** LCF Shuttle / La Cañada Flintridge  
 **PT** Pasadena Transit  
 **SC** Santa Clarita Transit  
 **SV** Simi Valley Transit

All information is subject to change. Before you go, check with Metro or your local transit operator for the latest updates.

**metro.net**  
**323.466.3876**

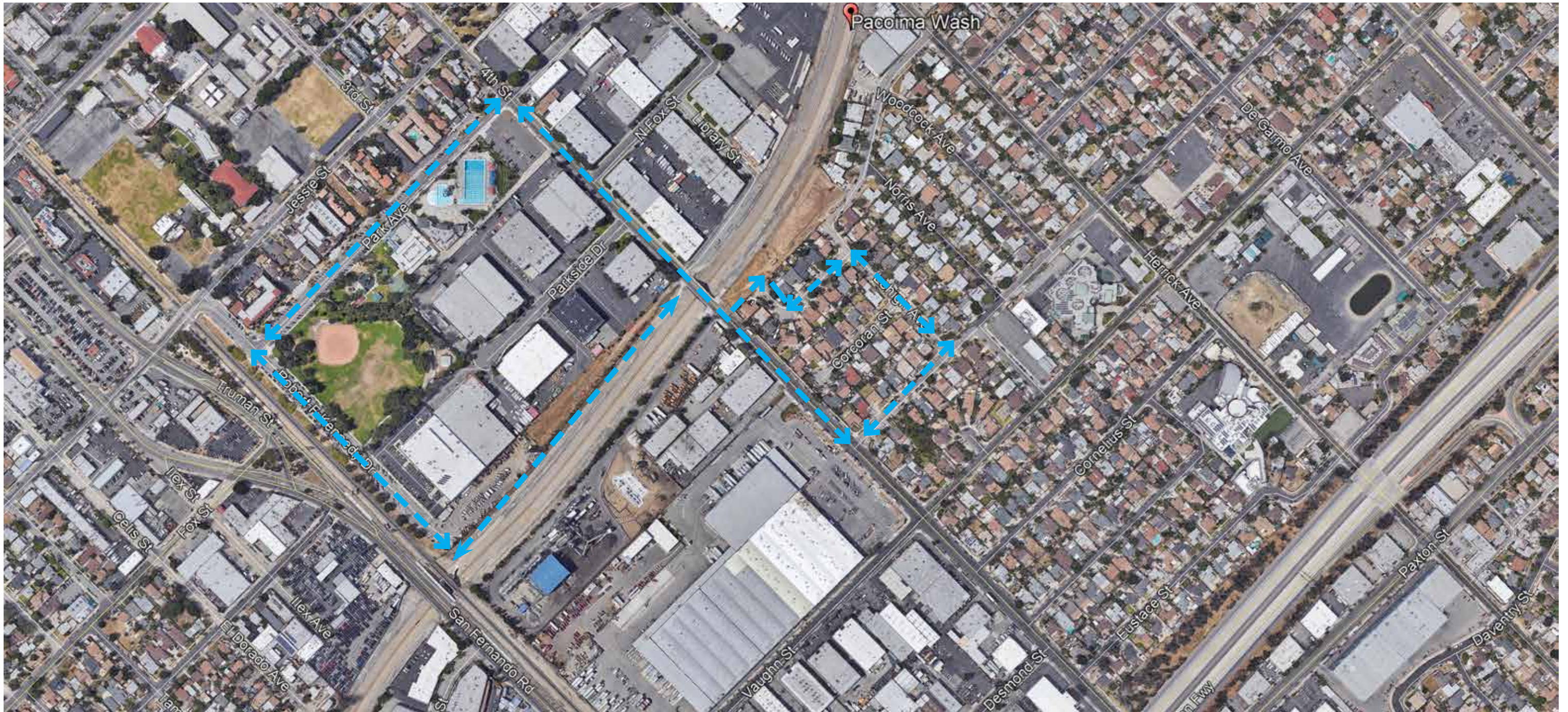
[http://media.metro.net/riding\\_metro/maps/images/san\\_fernando\\_valley.pdf](http://media.metro.net/riding_metro/maps/images/san_fernando_valley.pdf)



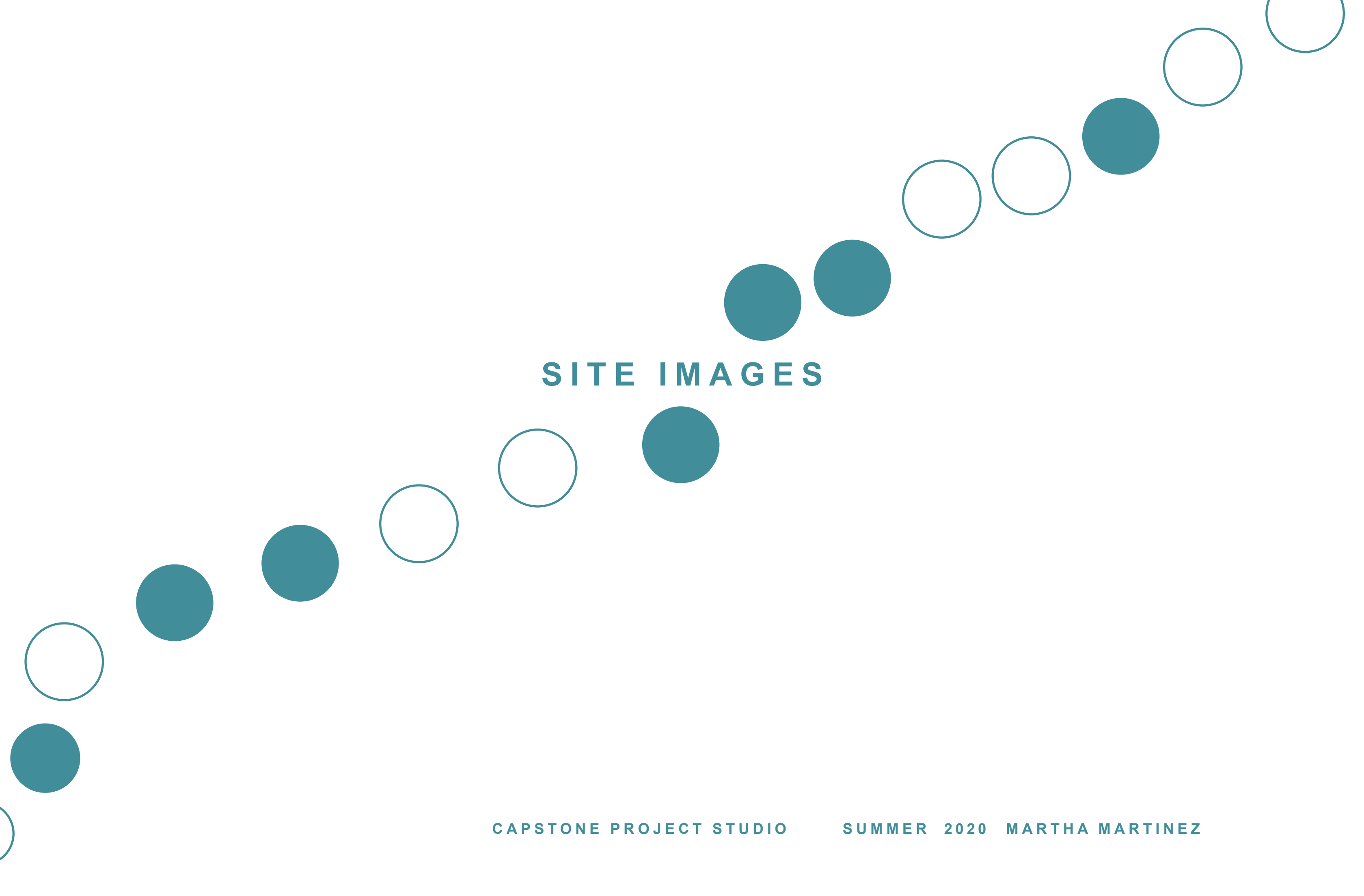
# GREEN STREET PLAN



## POTENTIAL ROUTE







# SITE IMAGES



SITE PHOTOS



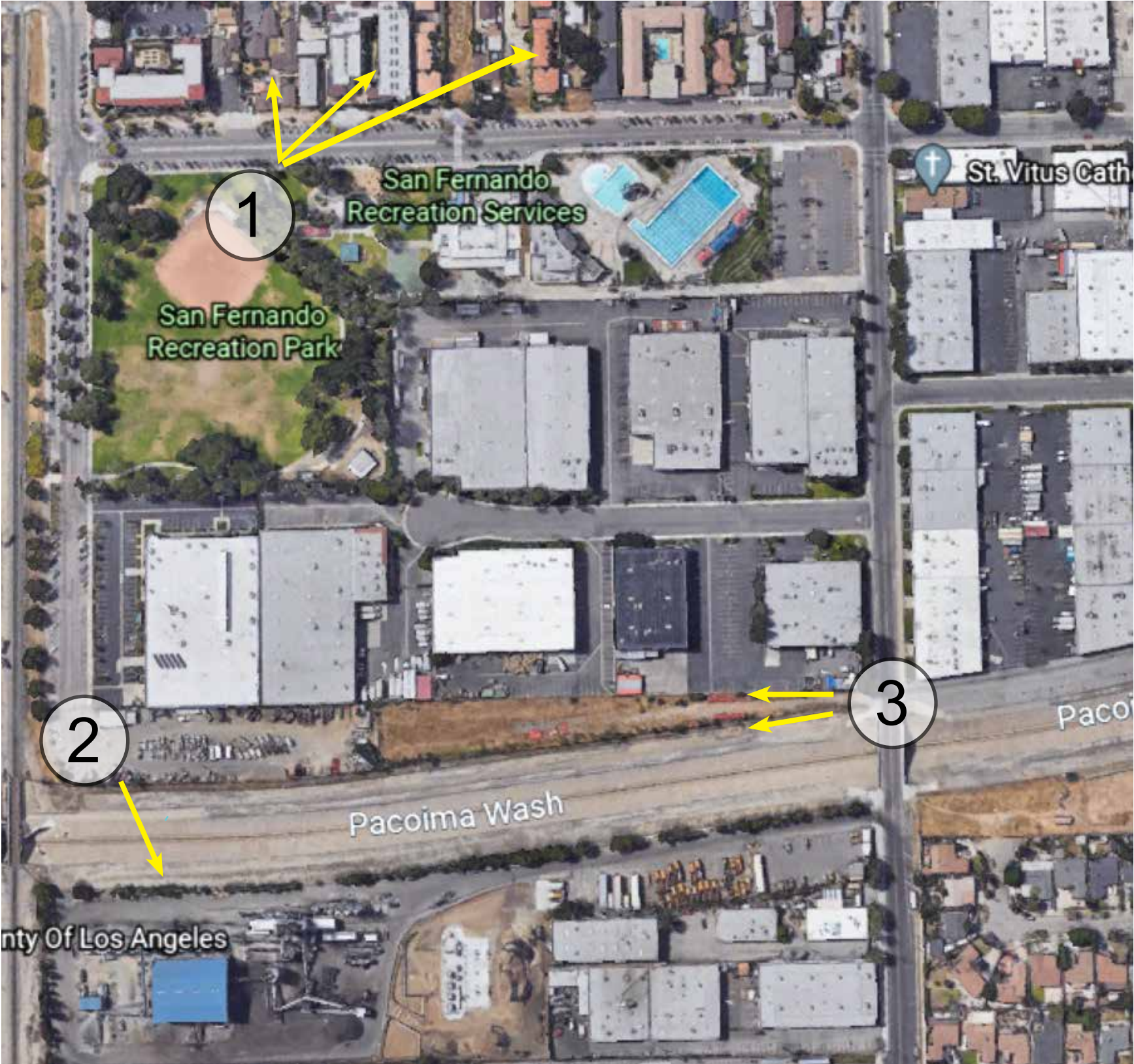
1 View to neighborhood in front



1 View to neighborhood in front



1 View to neighborhood in front



3 View to the Pacoima Wash (West)



3 View to the empty lot



3 View to the Pacoima Wash (East)



# SITE PHOTOS



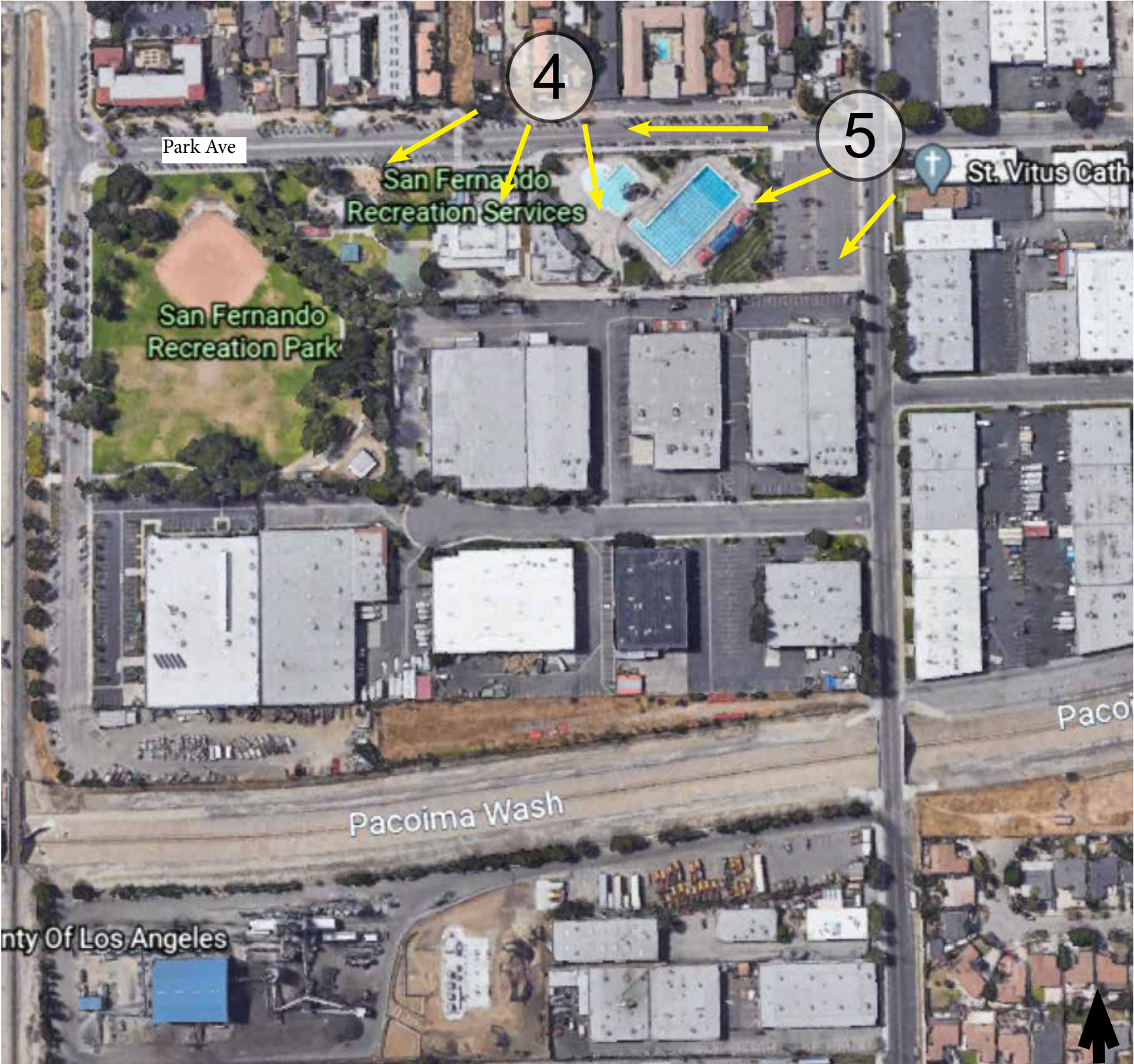
4 View to Play Ground



4 View to Recreational Service



4 View to the Pool Facilities



5 View down Park Ave



5 View of Parking Lot



5 View of the Pool



# SITE PHOTOS



7 View to the railroad tracks



7 View to down First Street



7 View to Commercial Lot



6 View to the Baseball Field

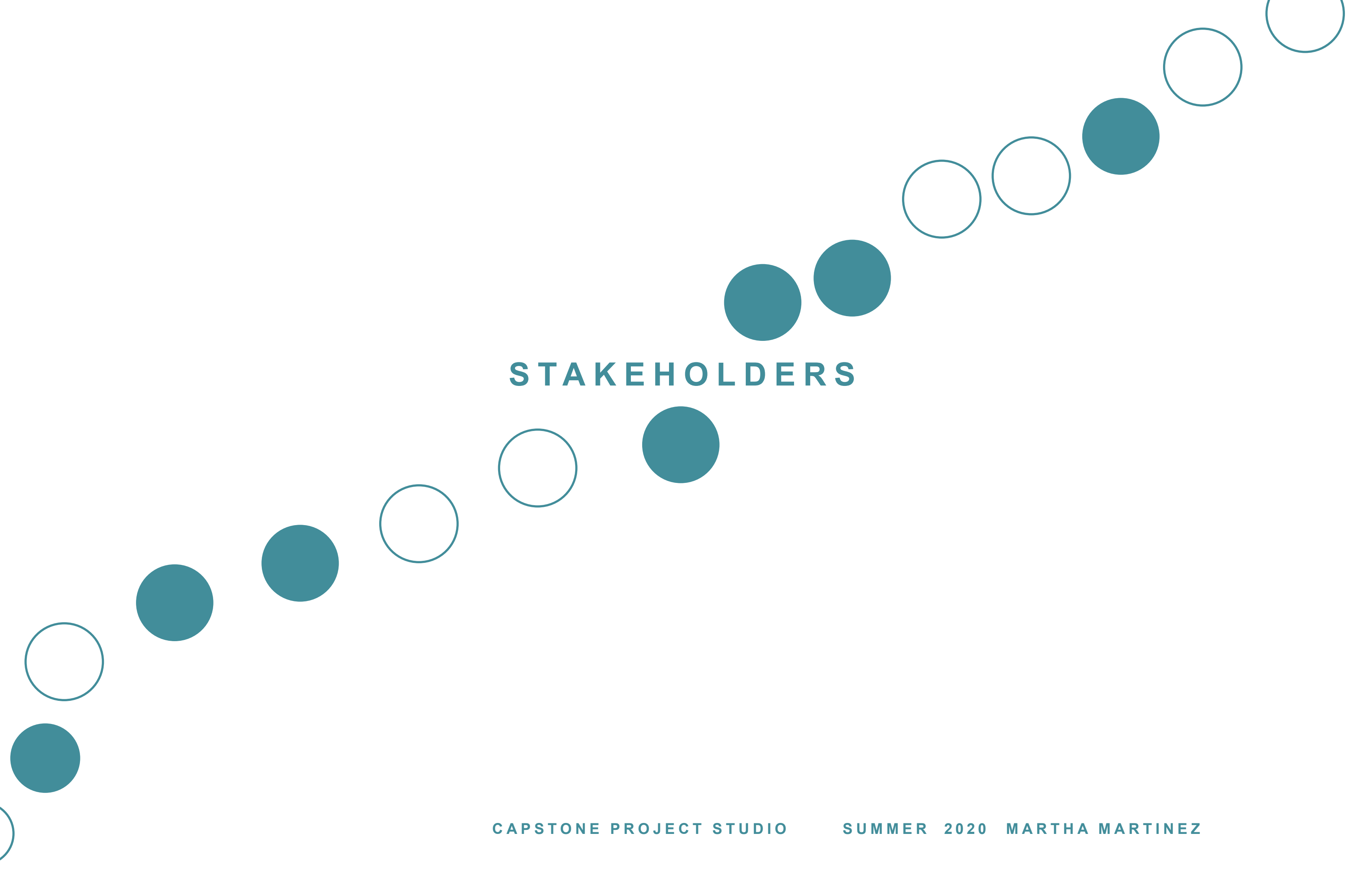


6 View to the Playground



6 View from Corner





STAKEHOLDERS

# STAKEHOLDERS/ CITY OF SAN FERNANDO

## MISSION STATEMENT

“The mission of the Recreation and Community Services Department is to develop and implement programs and activities that provide for the well-being and the personal development of the City’s residents.”



Hiking in Burbank CA



Open Streets in El Monte CA

## CITY'S MAJOR PROJECTS & PROGRAMS

## Heart, Mind & Soul Health & Wellness Community Fair

This is a one-stop health clinic held at the San Fernando Recreational Park to help meet health concerns of all ages within the San Fernando Community.

## Open Street Event

The city opens and clears the streets for bicyclists and pedestrians to do a nocturnal walk or ride, giving residents access to 3.2 miles of roads.

## San Fernando Family Hikes and Wildlife Environmental Stewardship

Is a program to promote active living to the families of the City of San Fernando by introducing them to nature and hiking.  
By inviting them today and overnight excursions free of charge.

## Wild Horses Children's Foundation Partnerships

A partnership with the Wild Horse Children's Foundation to renovate the field house at Pioneer Park to address the community's health needs.

# STAKE HOLDERS/ PACOIMA BEAUTIFUL



MACLAY STREET GREENWAY  
PACOIMA WASH VISION PLAN

The Pacoima Beautiful is a non-profit community organization dedicated to environmental health and justice.

Their mission is to empower community members through programs and community education.

The Pacoima Beautiful and its partners are developing a plan to revitalize sections of the Pacoima Wash by creating recreational amenities, pedestrian trail, and bike paths to connect the community to parks, and open spaces such as to the National Forest.

Technical Advisory Group (TAG):  
L.A. River advocates and local community-based organizations  
Los Angeles County Departments  
Department of Public Works  
City of LA Departments, such as Recreation and Parks, Transportation, and Planning  
City of LA Council District 7  
The Army Corps of Engineers  
The Community Redevelopment Agency of the City of Los Angeles



# CASE STUDIES



**The Los Angeles State Historic Park**

The Los Angeles State Historic Park is located nearby Chinatown and the Union Station. The railroad tracks run along the park. The park was built of the result of grassroots activism, a victory for the Los Angelenos, who are considered park-poor. The park was developed to serve the underprivileged community.

**Similarities to Proposed Site**

- Both Parks are inner-city parks
- The railroad tracks run along both park
- The two cities are deemed park-poor
- No access to the park from nearby neighborhoods

**Key Design Takeaways**

- The greener of the park
- The open fields
- Curvilinear pathways



**MacArthur Park**

The park has been in existence since the late nineteenth century. Initially, the park was named West-lake Park, but in 1940 the park was renamed after General Douglas MacArthur. The park is divided in two by Wilshire Blvd with a lake located in the southern part of the park on the seventh and South Alvarado Street. The park is divided into passive and active areas.

**Similarities to Proposed Site**

- Both Parks are inner-city parks
- The two cities are deemed park-poor
- The water filtration for the park is an essential role for the parks

**Key Design Takeaways**

- The division of passive and active areas
- The use of the park for night events
- Increase the number of restrooms



**Deforest Park**

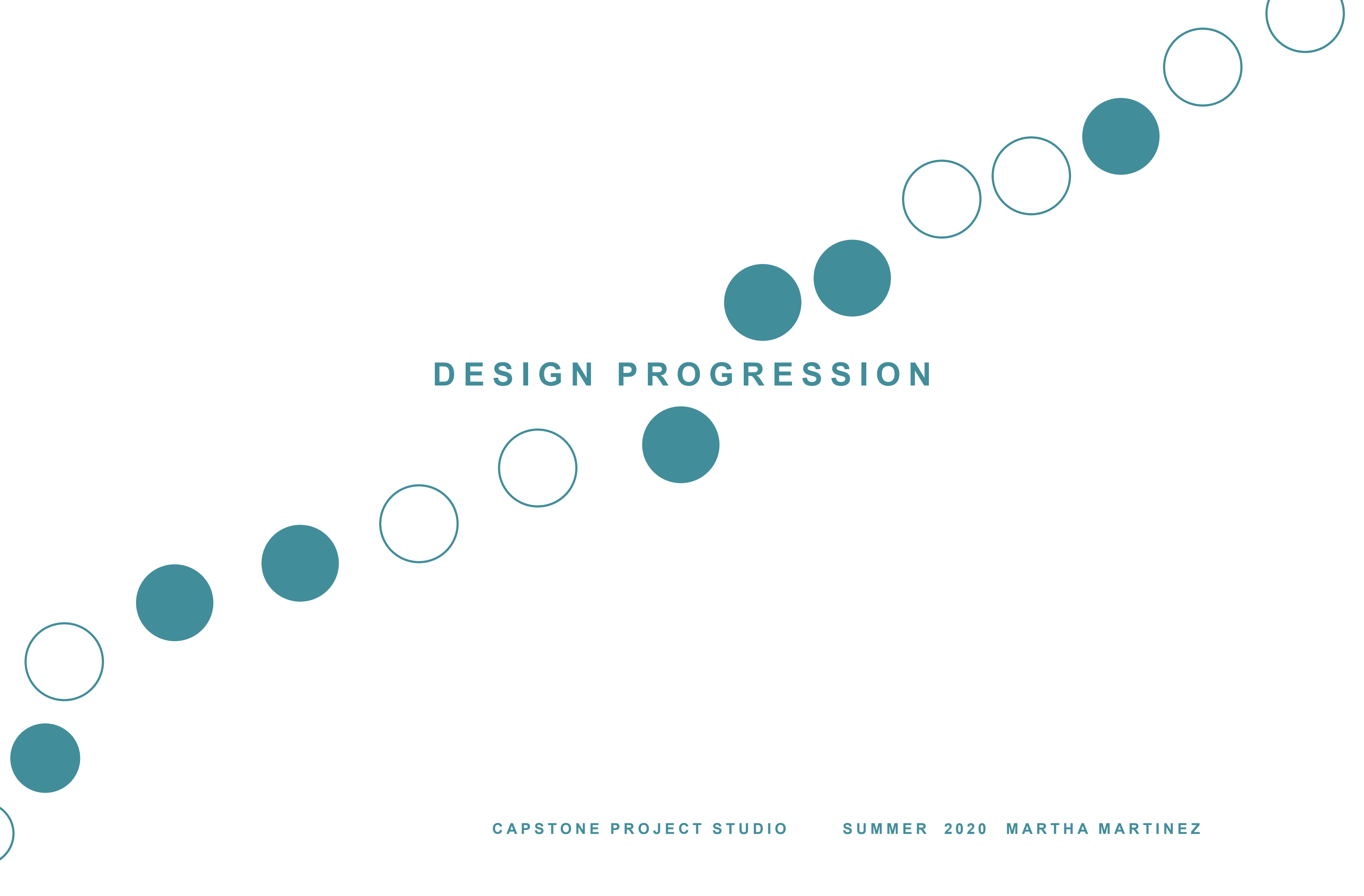
Deforest Park 43.91 acres of land and is considered a detention basin to hold floodwater until the Los Angeles River can hold the additional water. A study was done to see if the wetlands could be restored to its natural state while keepings are current function as a flood control basin.

**Similarities to Proposed Site**

- Both are park-poor
- Water filtration is essential for both parks

**Key Design Takeaways**

- The current function of flood control
- Hiking Trails



DESIGN PROGRESSION



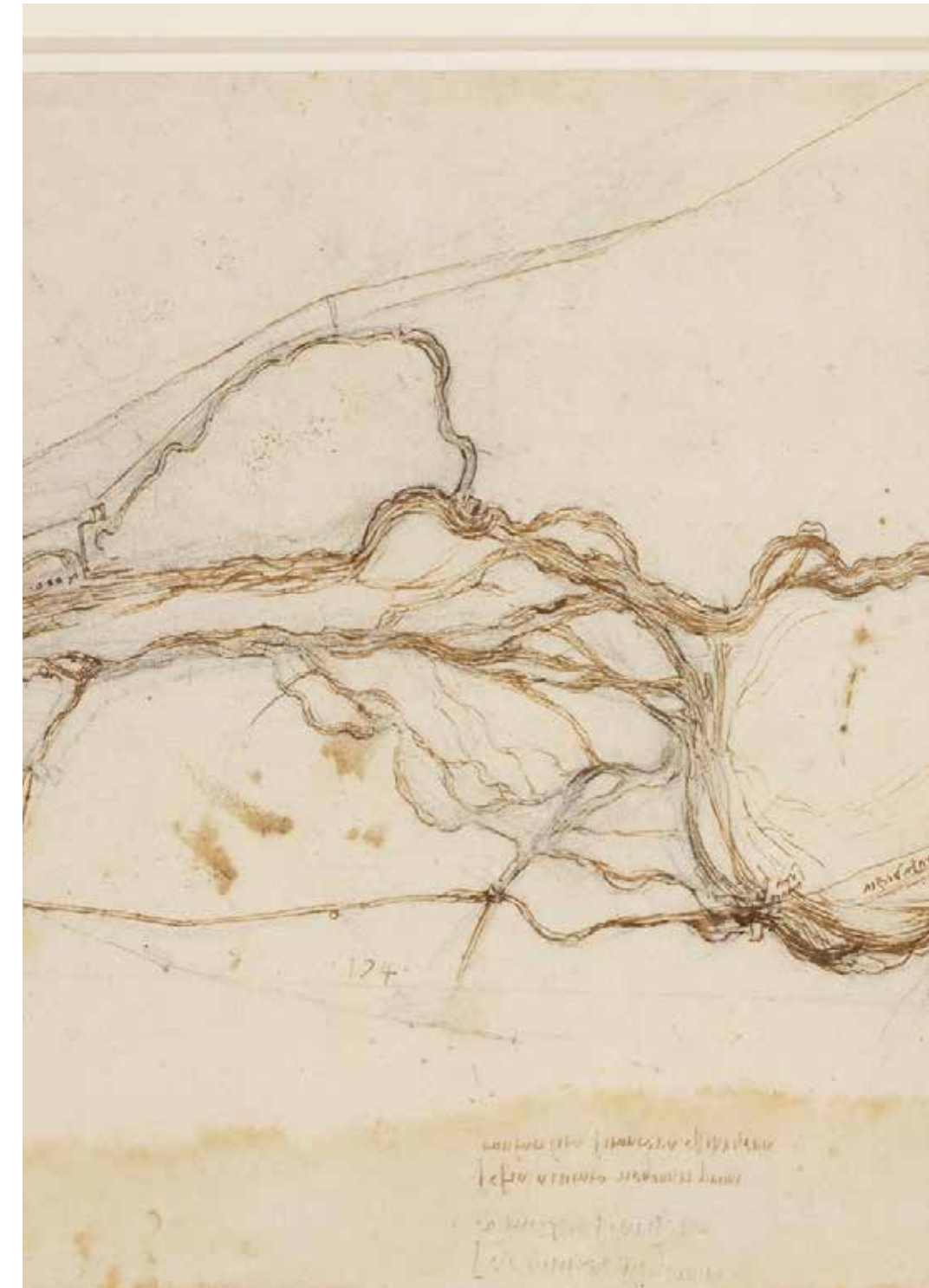
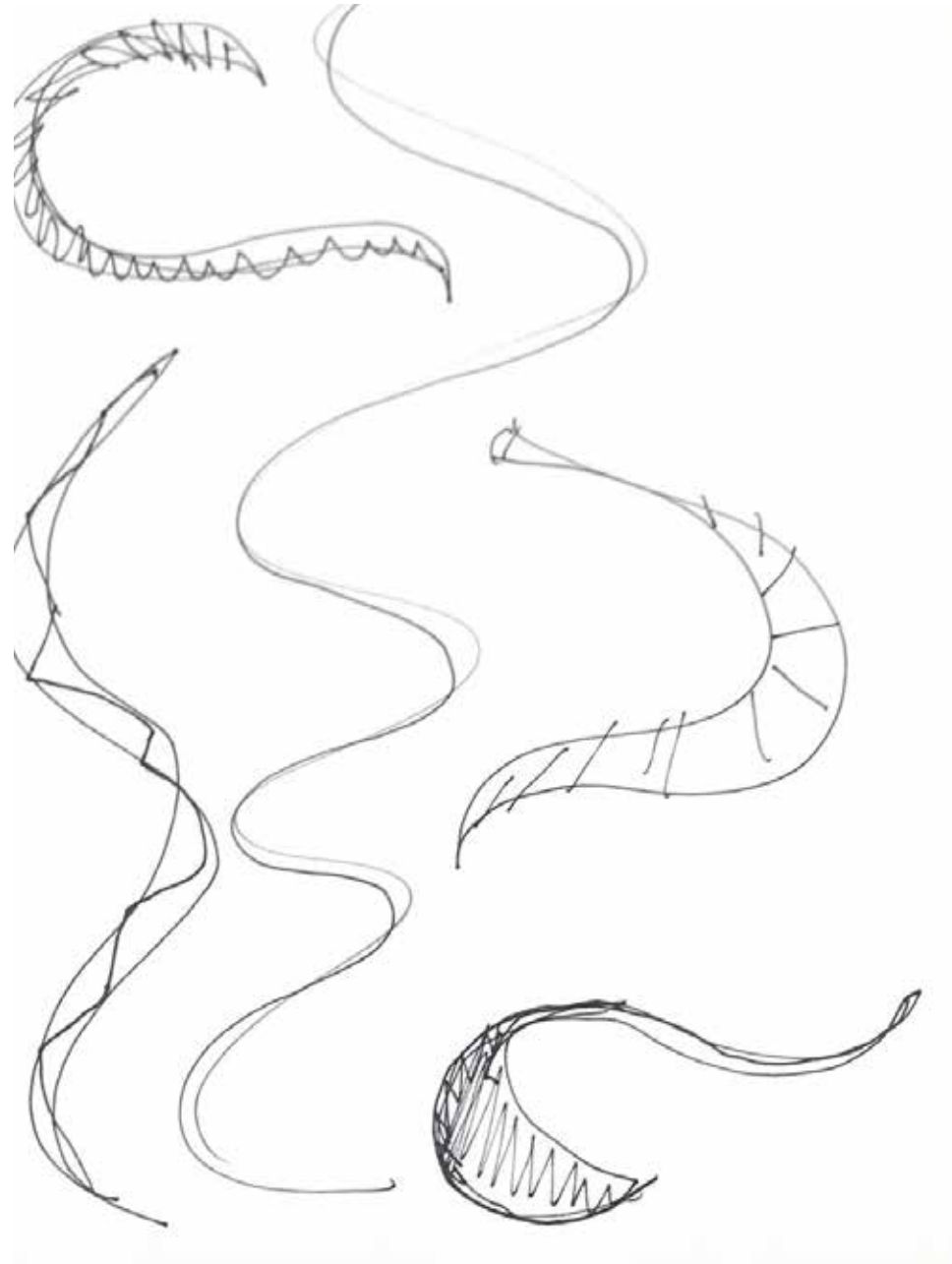
# DESIGN METAPHOR : RIVER



Concept metaphor is that of a RIVER: the movement, constant free-flowing curvilinear turns. The flow of the river inspires physical action as well as that of my design.



Child Playing in the river Crossing





# INSPIRATIONAL IMAGES



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.zillow.>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fw->



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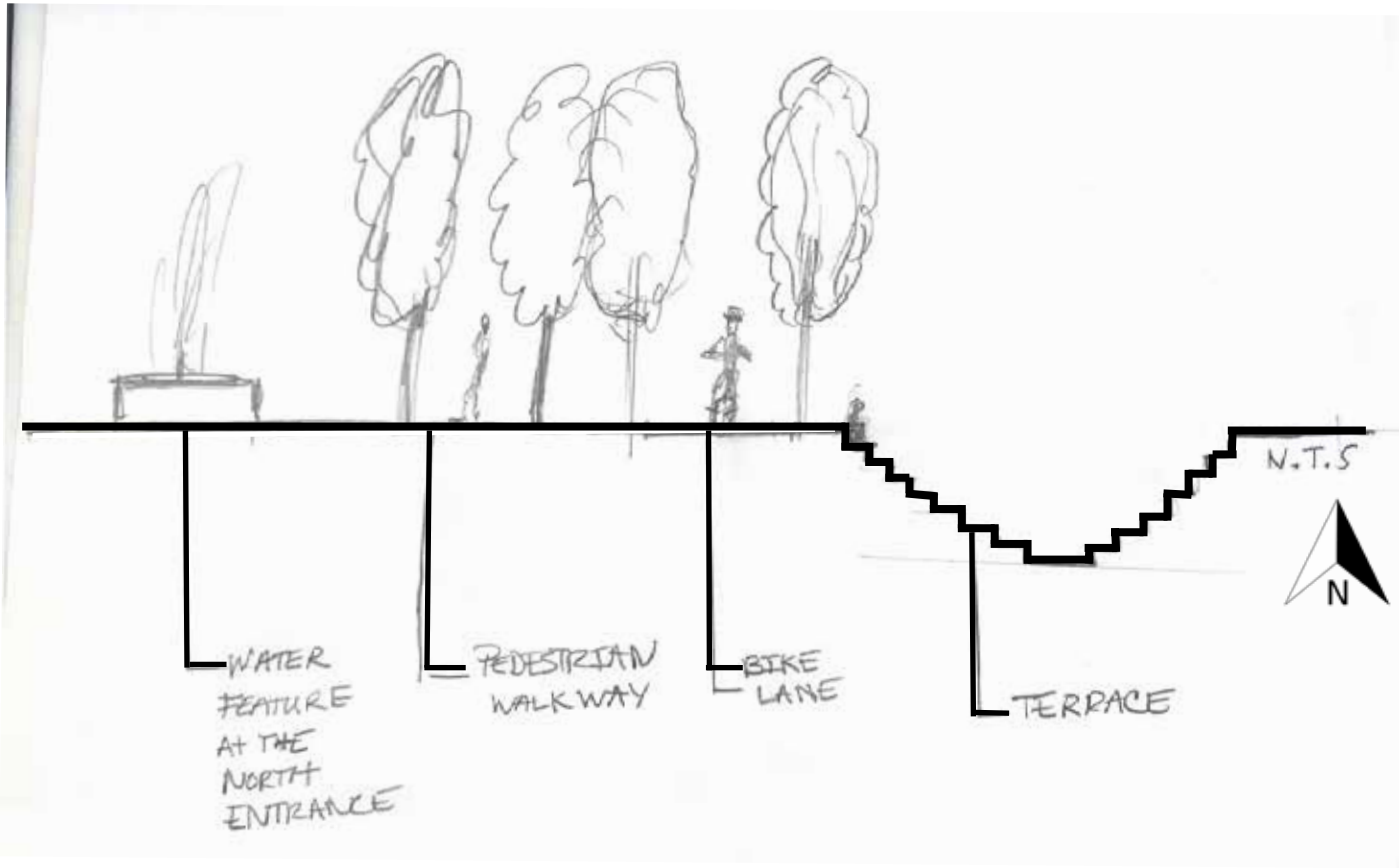
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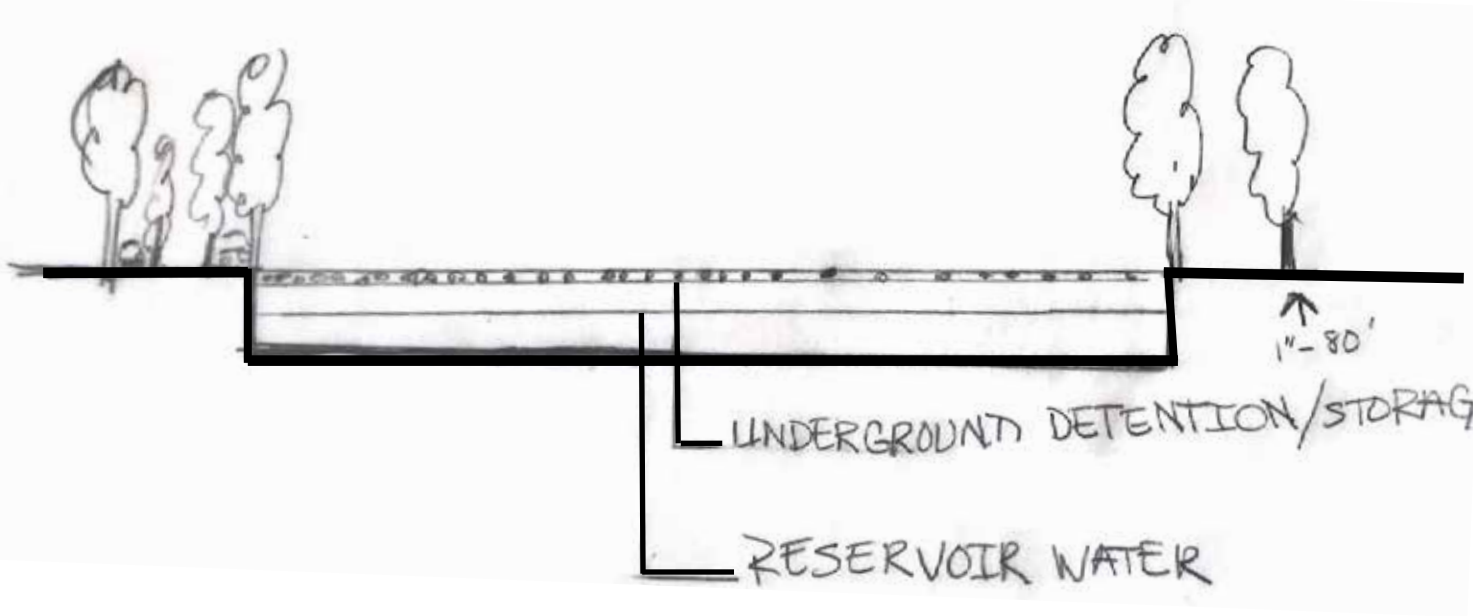
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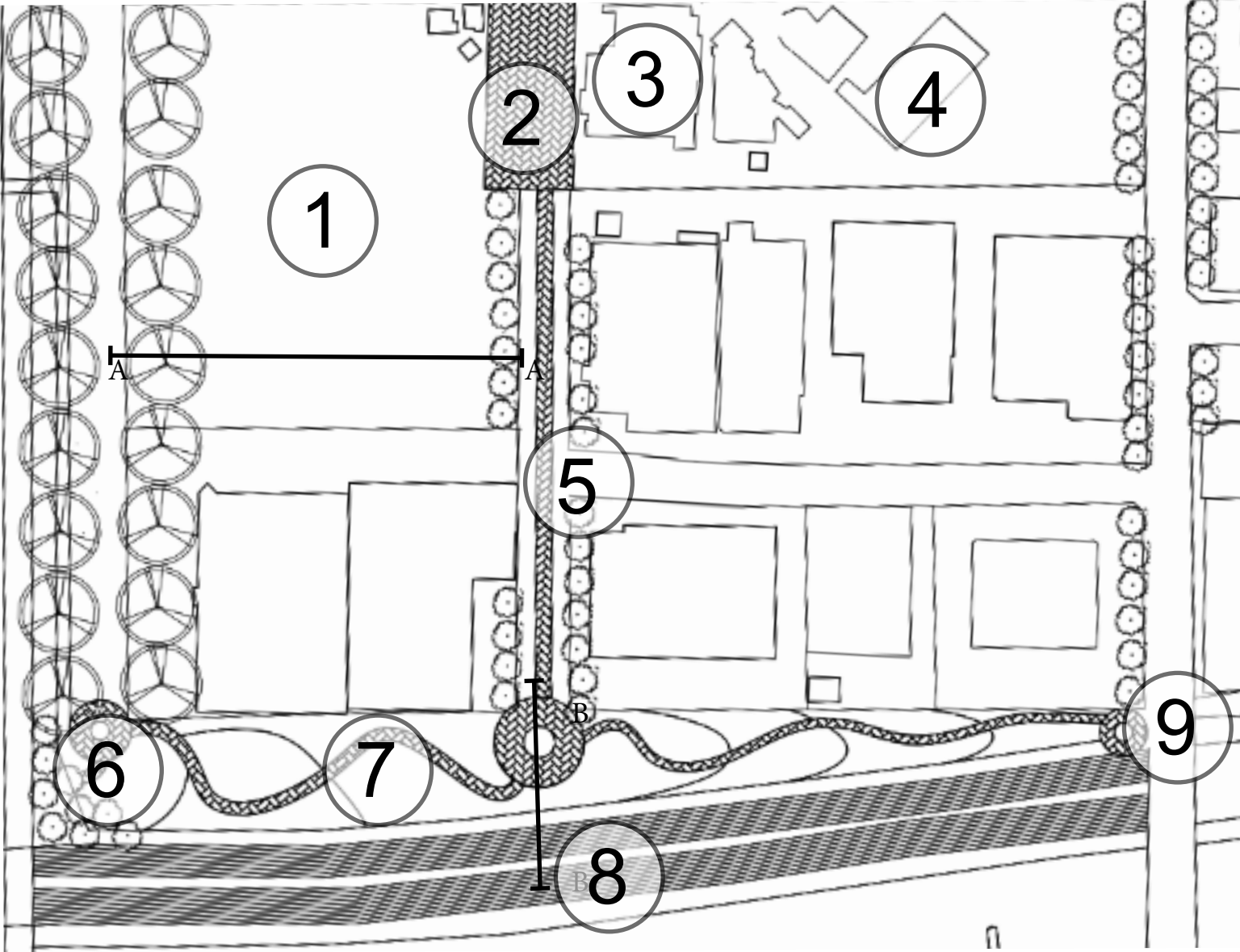
# CONCEPT ONE



Section A



Section B

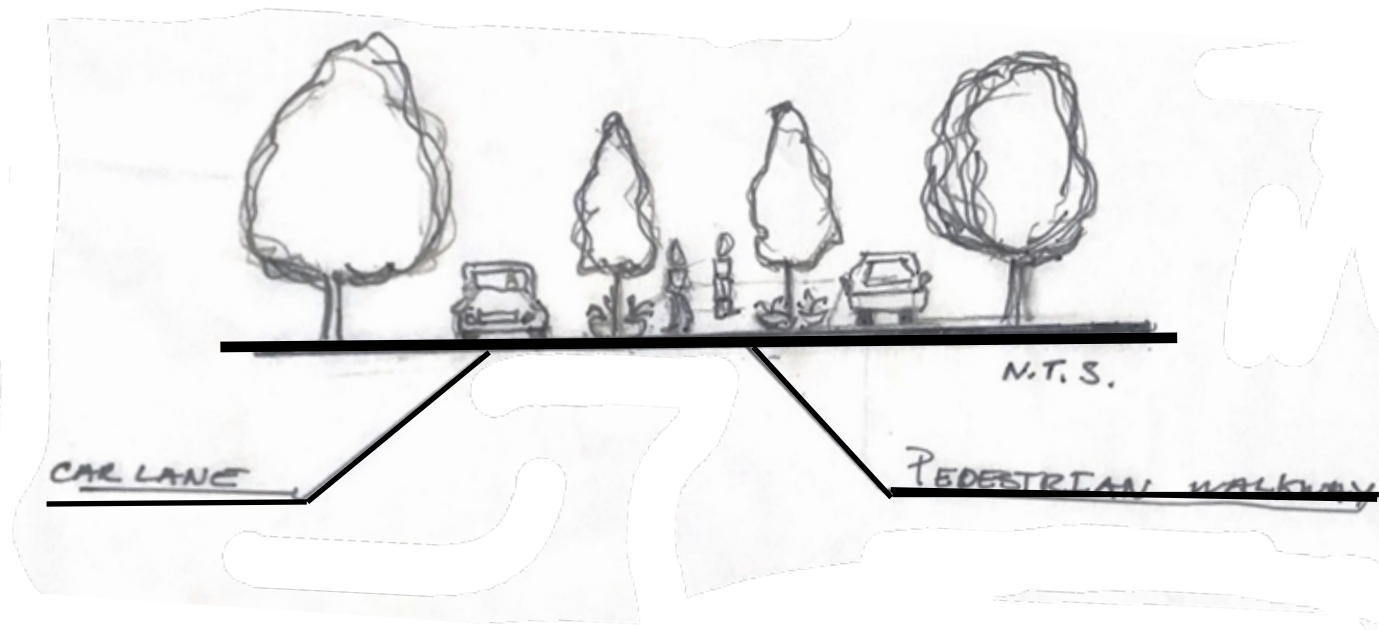


## LEGEND

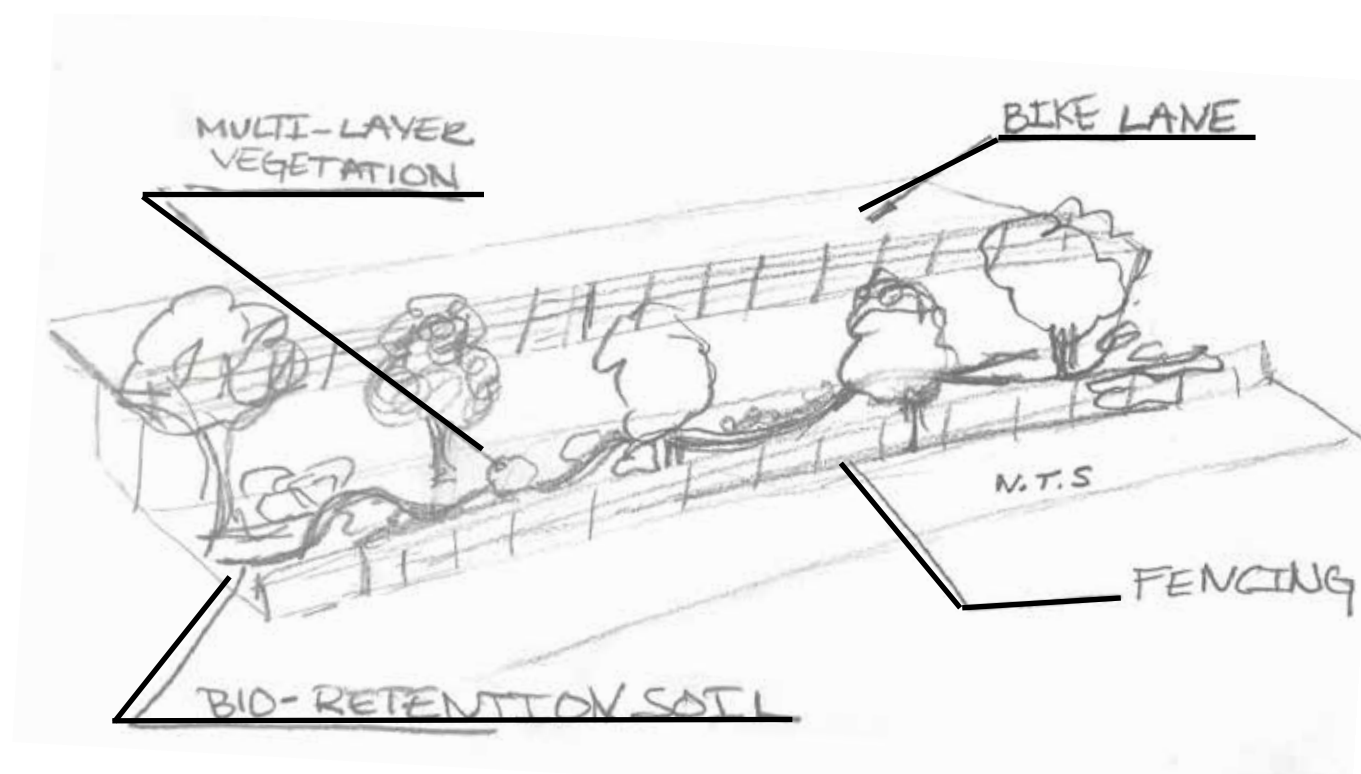
- |   |                                    |   |                      |
|---|------------------------------------|---|----------------------|
| 1 | The San Fernando Recreational Park | 6 | New Entryway         |
| 2 | New Plaza                          | 7 | Green Space          |
| 3 | Recreational Center                | 8 | Terrace Pacoima Wash |
| 4 | Recreational Center Pool           | 9 | New Entryway         |
| 5 | Promenade                          |   |                      |



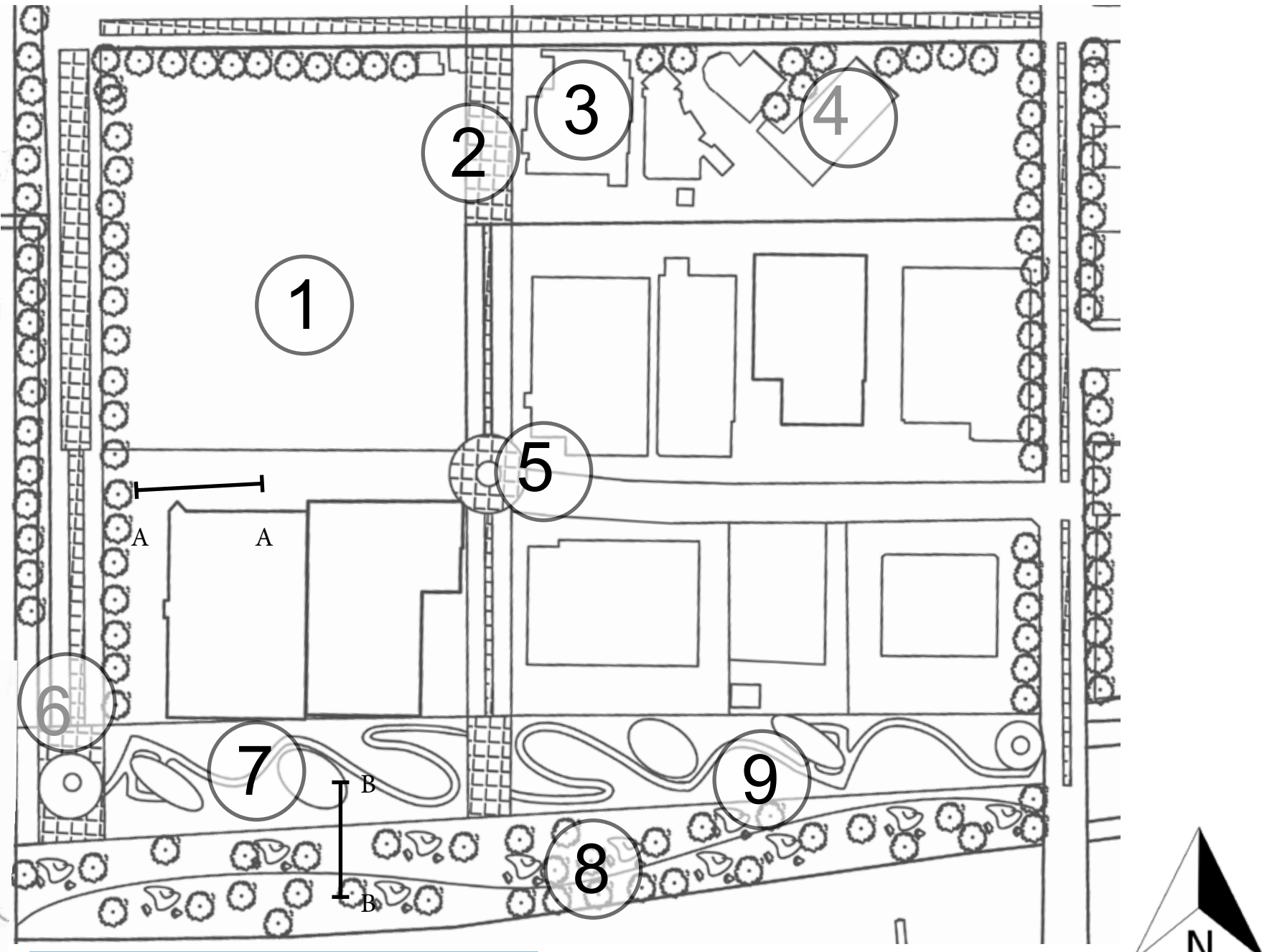
# CONCEPT TWO



Section A



Section B

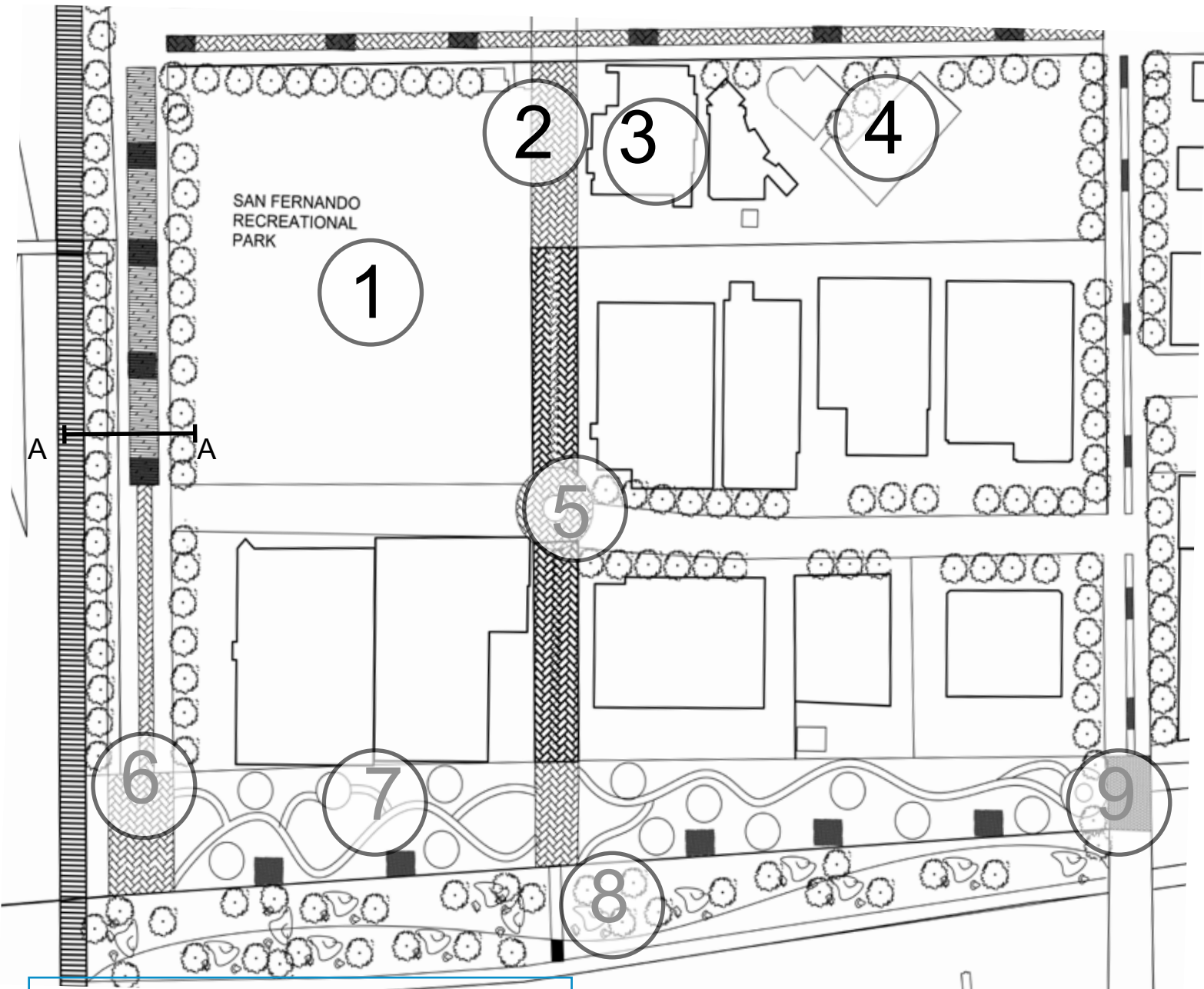
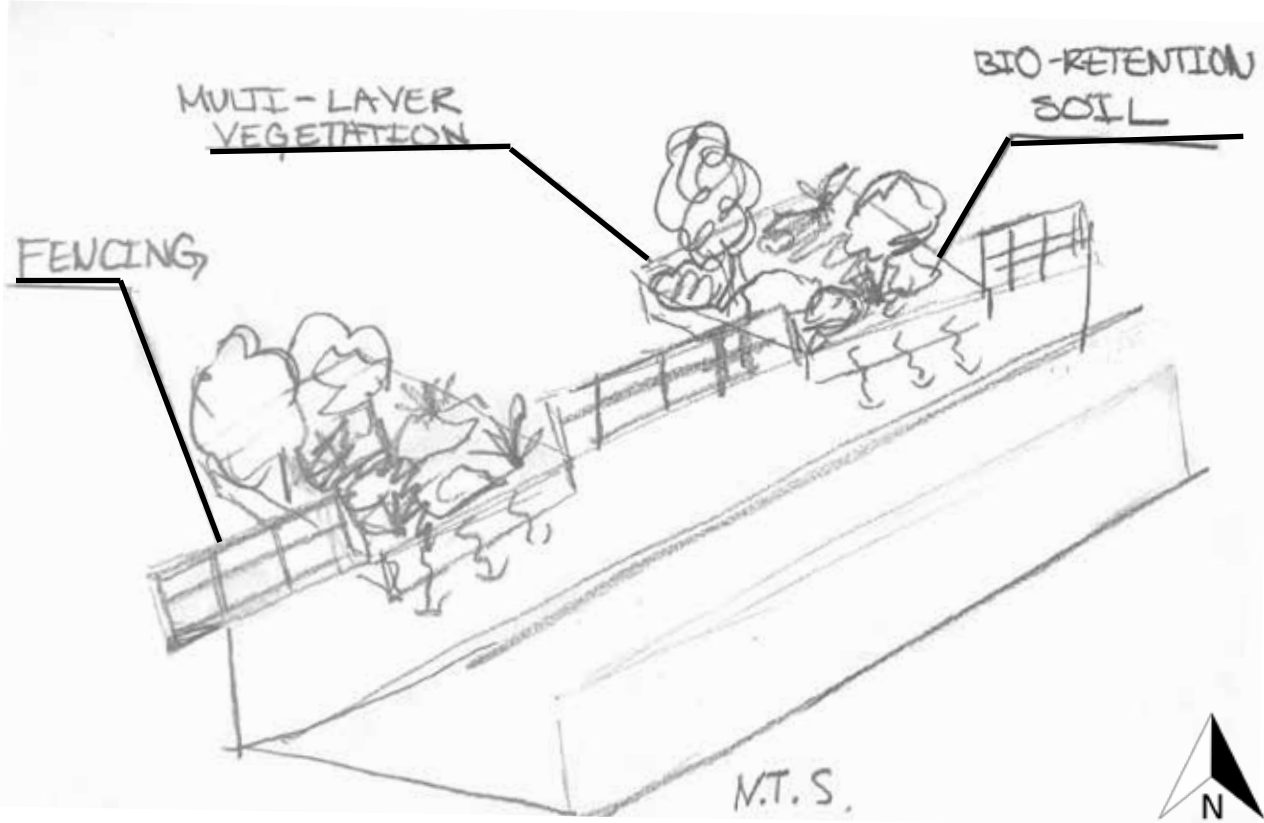
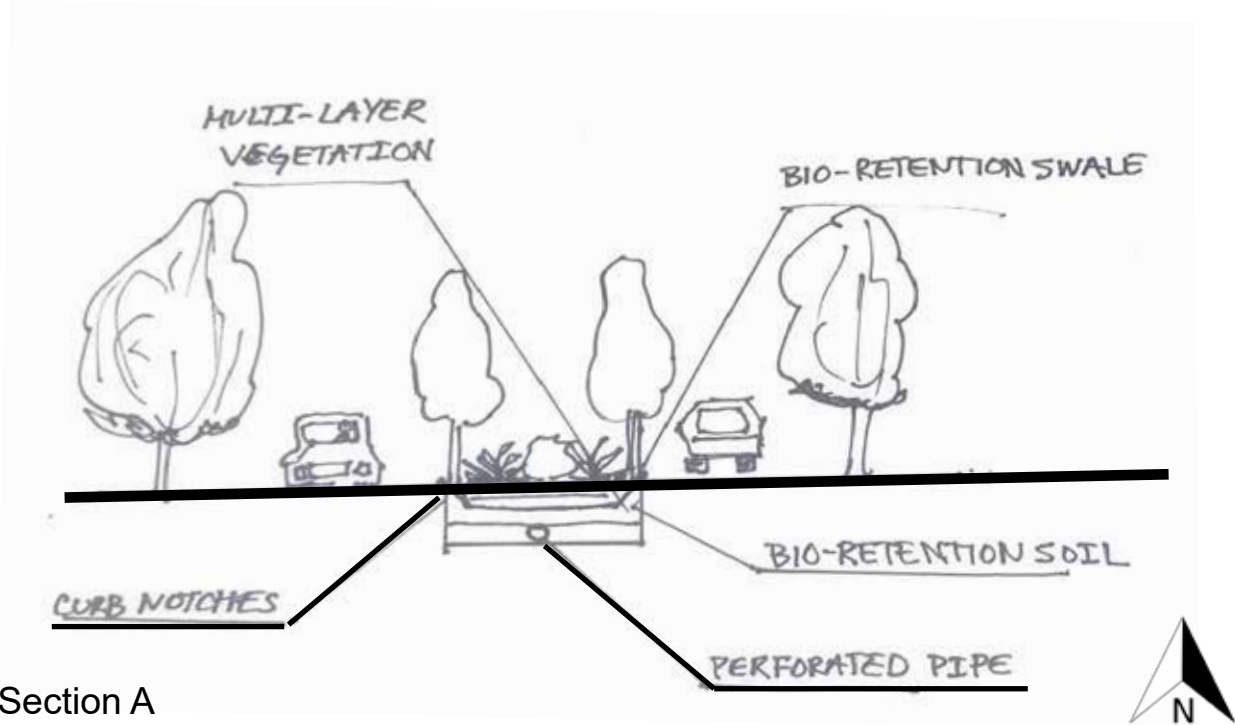


## LEGEND

- |                                      |                        |
|--------------------------------------|------------------------|
| 1 The San Fernando Recreational Park | 5 Promenade            |
| 2 New Plaza                          | 6 New Entryway         |
| 3 Recreational Center                | 7 Green Space          |
| 4 Recreational Center Pool           | 8 Terrace Pacoima Wash |
|                                      | 9 New Entryway         |



# CONCEPT THREE



## LEGEND

- |   |                                    |   |                           |
|---|------------------------------------|---|---------------------------|
| 1 | The San Fernando Recreational Park | 6 | New Entryway              |
| 2 | New Plaza                          | 7 | Green Space               |
| 3 | Recreational Center                | 8 | Expansion of Pacoima Wash |
| 4 | Recreational Center Pool           | 9 | New Entryway              |
| 5 | Promenade                          |   |                           |



scale : 1" = 200'



# MASTER PLAN

## LEGDEN

- ① Park Ave Streetscape
- ② First Streetscape
- ③ Frist Street Entryway
- ④ New Pedestrian Bridge
- ⑤ Fitness Trail
- ⑥ Bike Path
- ⑦ Outdoor Theater
- ⑧ Handball Court
- ⑨ Playground
- ⑩ Large Event Area
- ⑪ New Promenade Entryway
- ⑫ New Promenade
- ⑬ Green Lawn
- ⑭ Fitness Node
- ⑮ Sensory Garden/ Picnic Area
- ⑯ Exploration Garden
- ⑰ Flowering Tree Garden







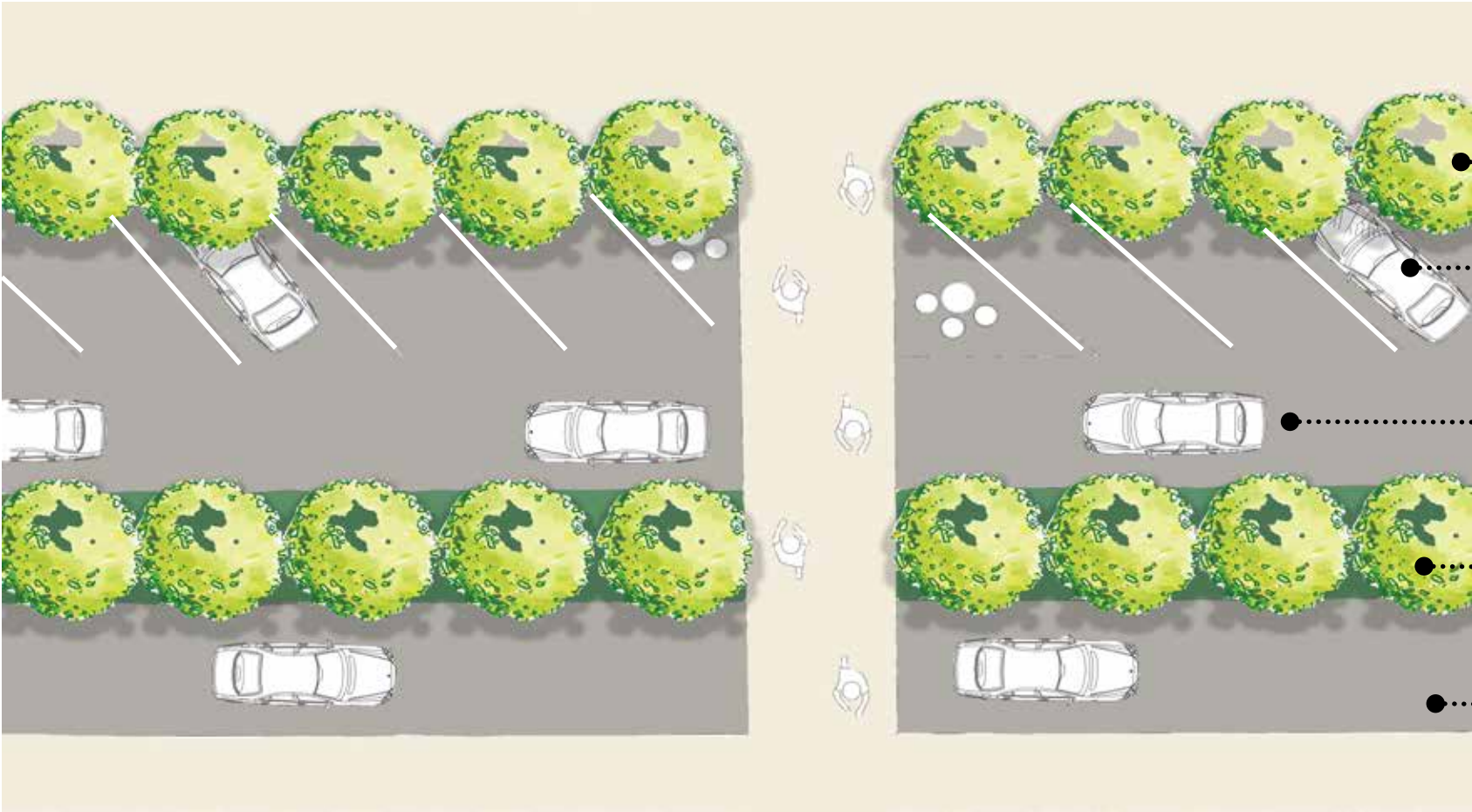
# SECTIONS / ENLARGEMENTS

CAPSTONE PROJECT STUDIO

SUMMER 2020 MARTHA MARTINEZ



# ENLARGEMENT OF TRANSITION ON STREETSCAPE PARK AVE



Tree Planter

Side Parking

Car Lane

Tree Planter

Car lane

scale: 1" = 50'



## KEY MAP



<https://www.google.com/url?sa=i&url=http%3A%2F%2Fbuildabetterburb.>

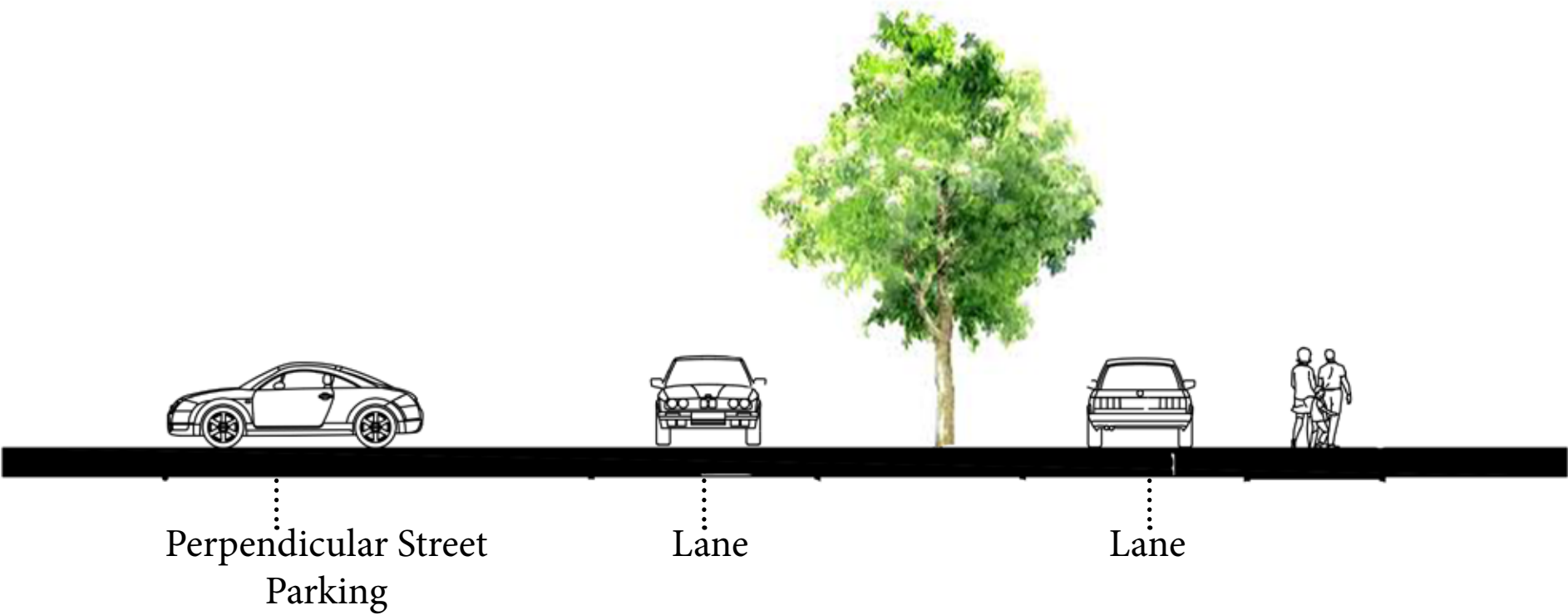


<https://www.google.com/url?sa=i&url=http%3A%2F%2Fsdapa.>

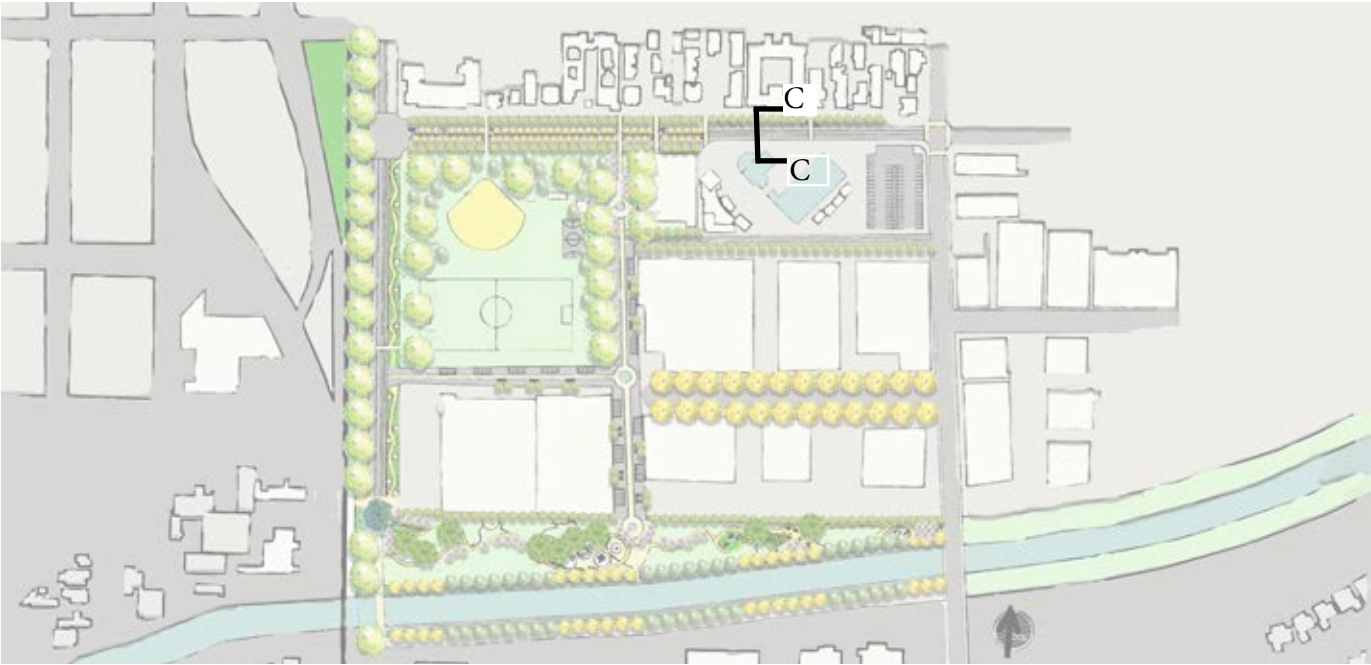


# SECTION OF STREET-SCAPE ON PARK AVE

scale: 1" = 100'

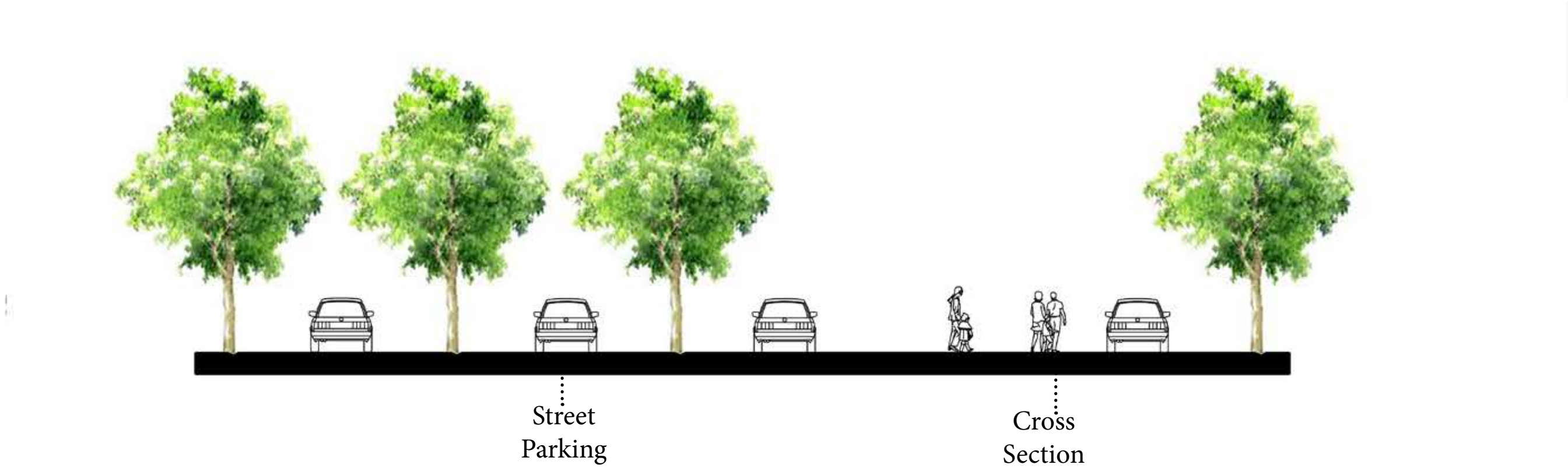


## KEY MAP



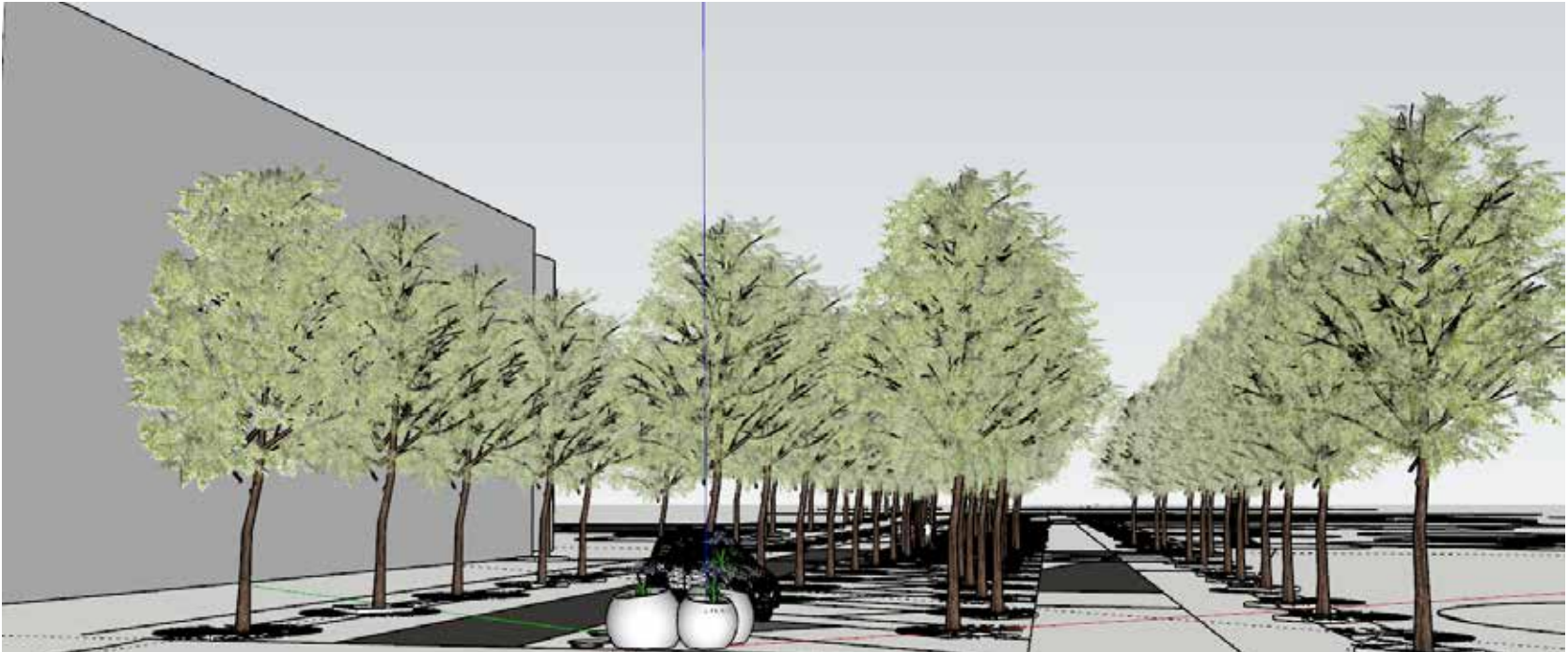


# SECTION OF STREET-SCAPE ON PARK AVE



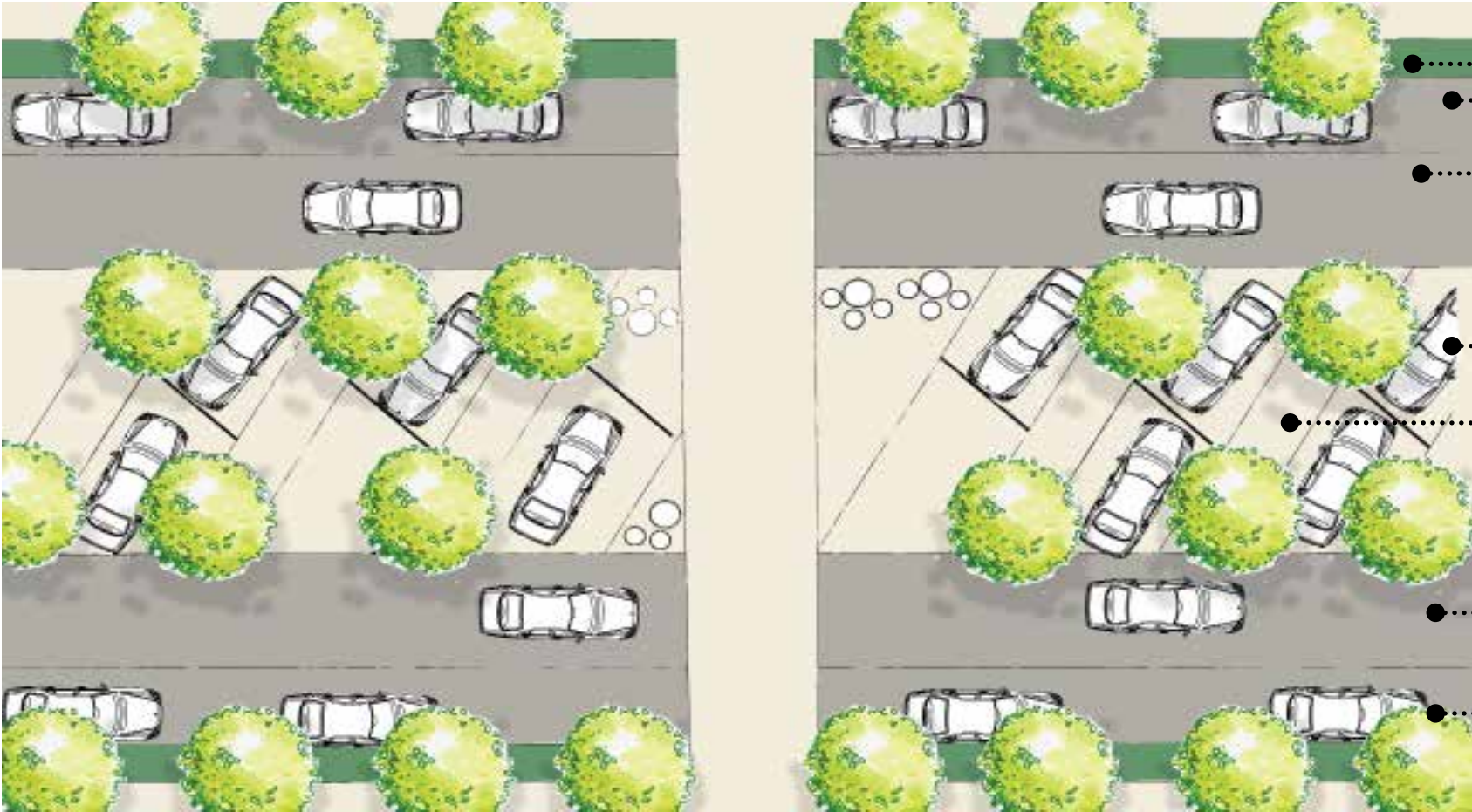
scale: 1" = 100'

## KEY MAP





# ENLARGEMENT OF STREET-SCAPE ON PARK AVE



- ..... Tree Planter
- ..... Side Parking
- ..... Car Lane
- ..... Parallel Parking
- ..... Open Space
- ..... Car lane
- ..... Side Parking

scale: 1" = 50'



## KEY MAP



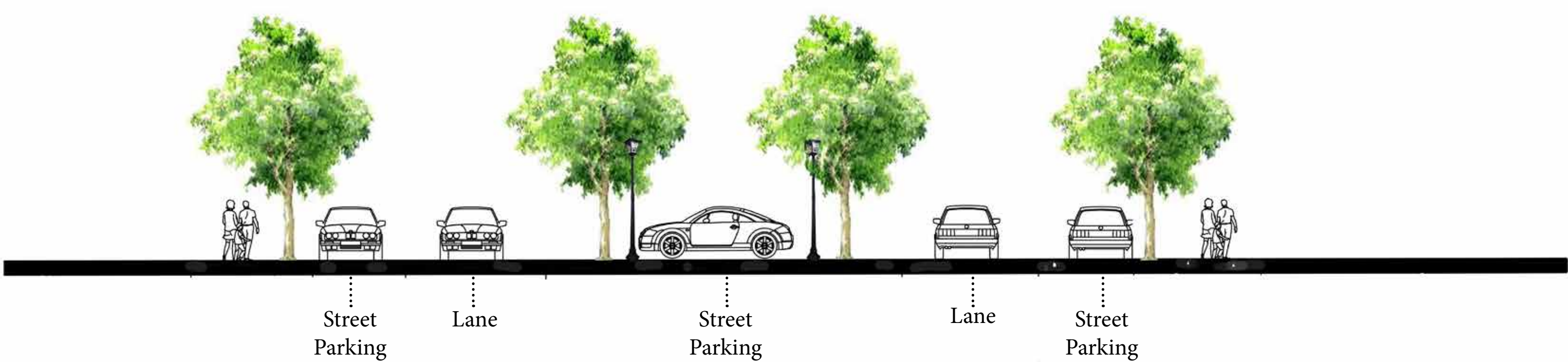
<https://www.google.com/url?sa=i&url=https%3A%2F%2Fen.wikipedia.org%2F->



<https://www.google.com/url?sa=i&url=https%3A%2F%2Ffla.streetsblog.>



# SECTION OF STREET-SCAPE ON PARK AVE



## KEY MAP



Lancaster Blvd

<https://www.cnu.org/what-we-do/build-great-places/lancaster-boulevard>

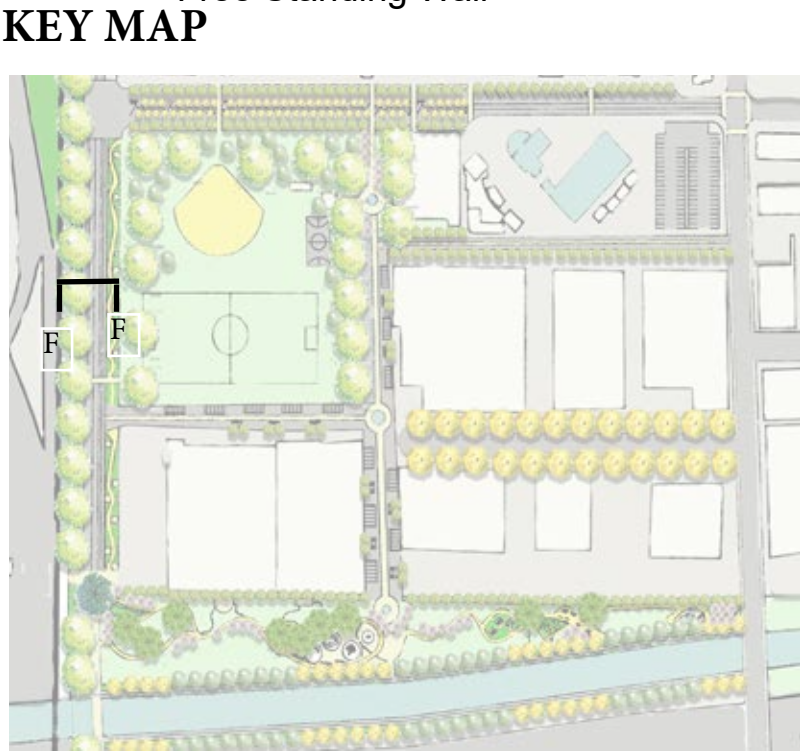
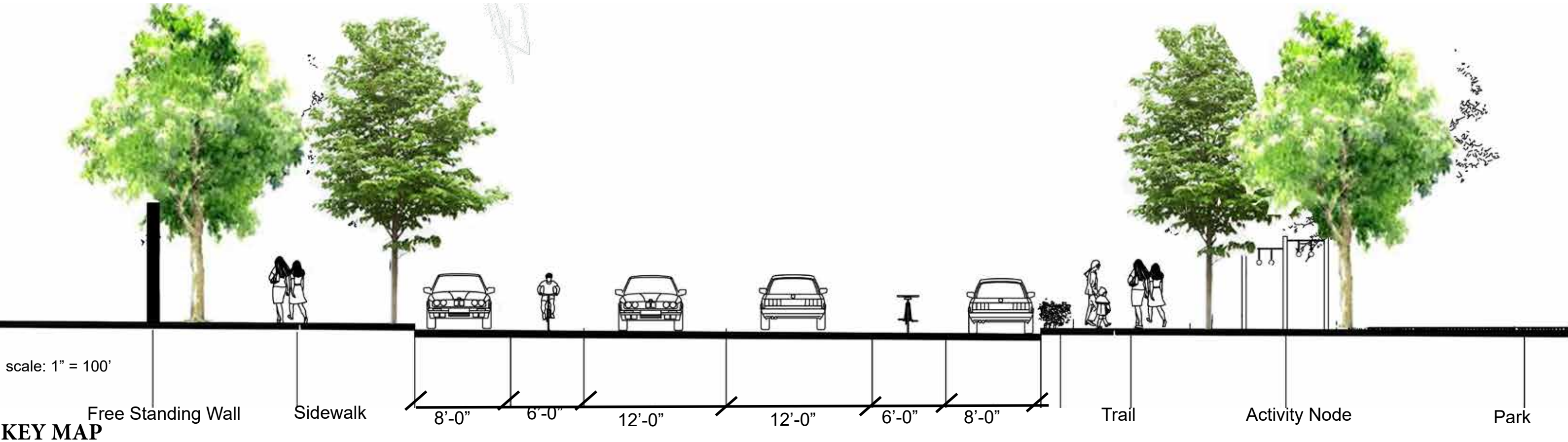


# ENLARGEMENT OF STREET-SCAPE ON PARK AVE



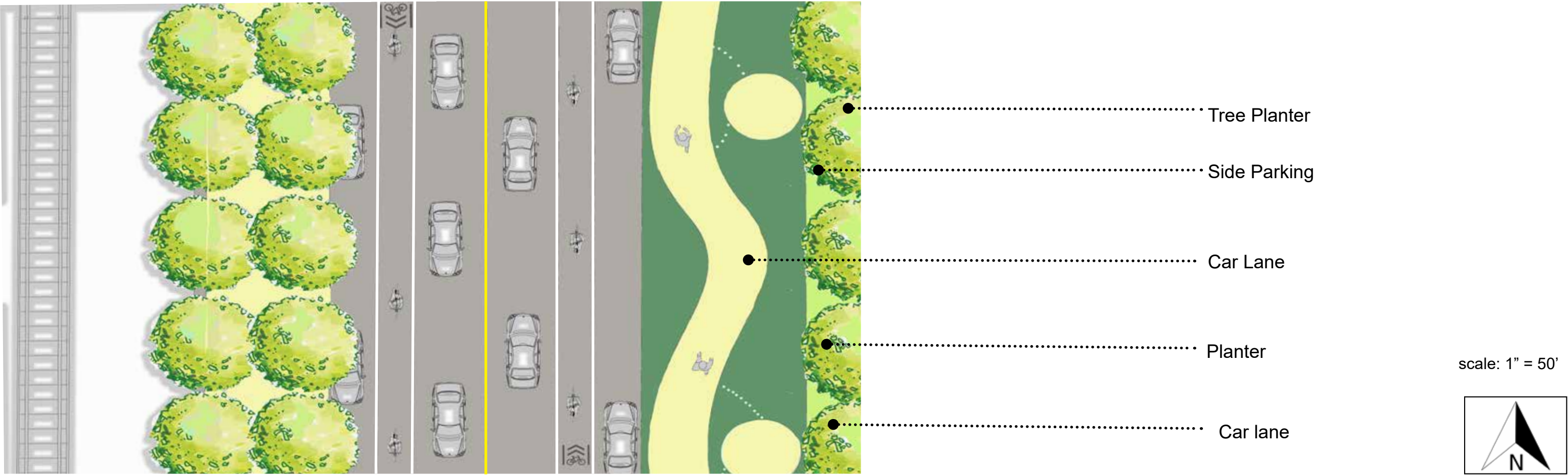


# SECTION OF FIRST STREET-SCAPE





# ENLARGEMENT STREET-SCAPE ON FIRST STREET



## KEY MAP



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fnacto.org%2Fpub->



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.>



# ENLARGEMENT STREET-SCAPE ON FIRST STREET





# ENLARGEMENT OF FITNESS TRAIL ON FIRST STREET



KEY MAP



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fw->

CAPSTONE PROJECT STUDIO



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fw->

SUMMER 2020 MARTHA MARTINEZ

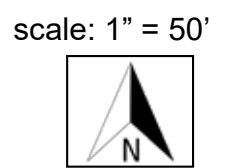


# FITNESS TRAIL



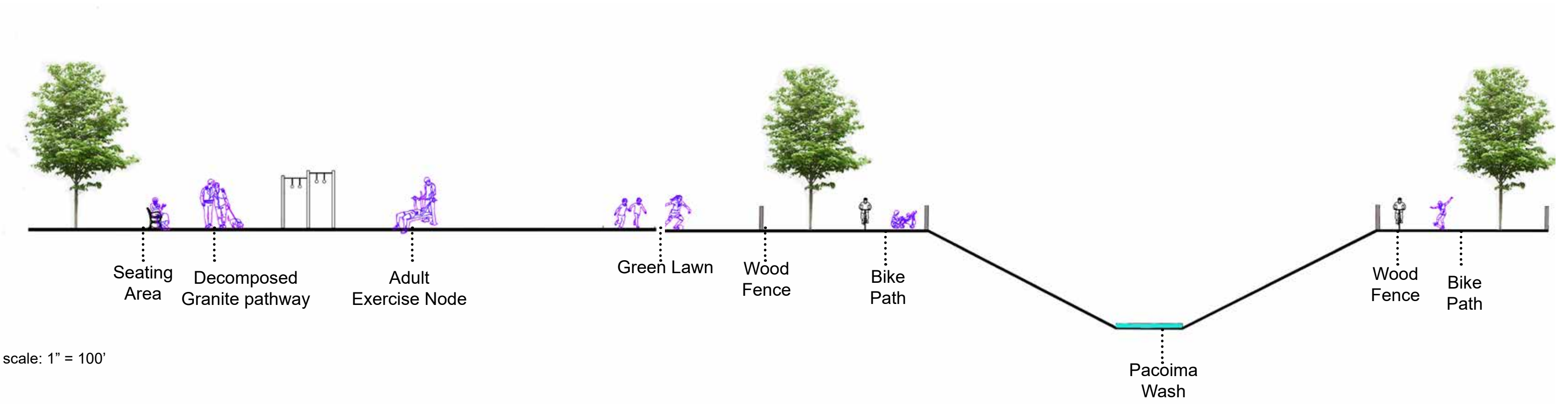
The Fitness trail will focus on providing a continuous recreation path along the length of the park. The route will provide an opportunity for physical activity along the way. The course will also draw people to the new green space and connect them to the Pacoima Wash.

## KEY MAP





# SECTION OF GREEN SPACE



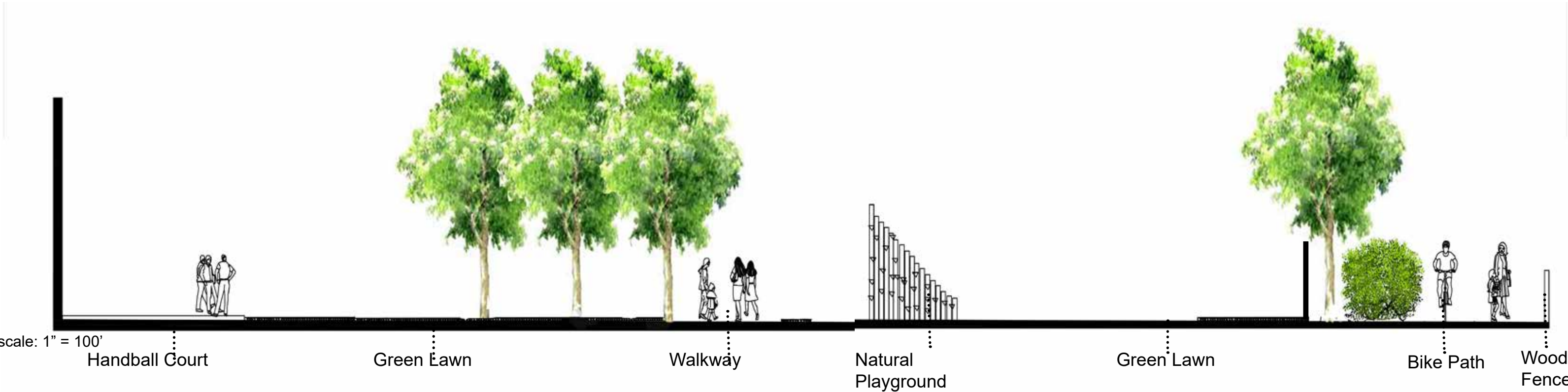
## KEY MAP



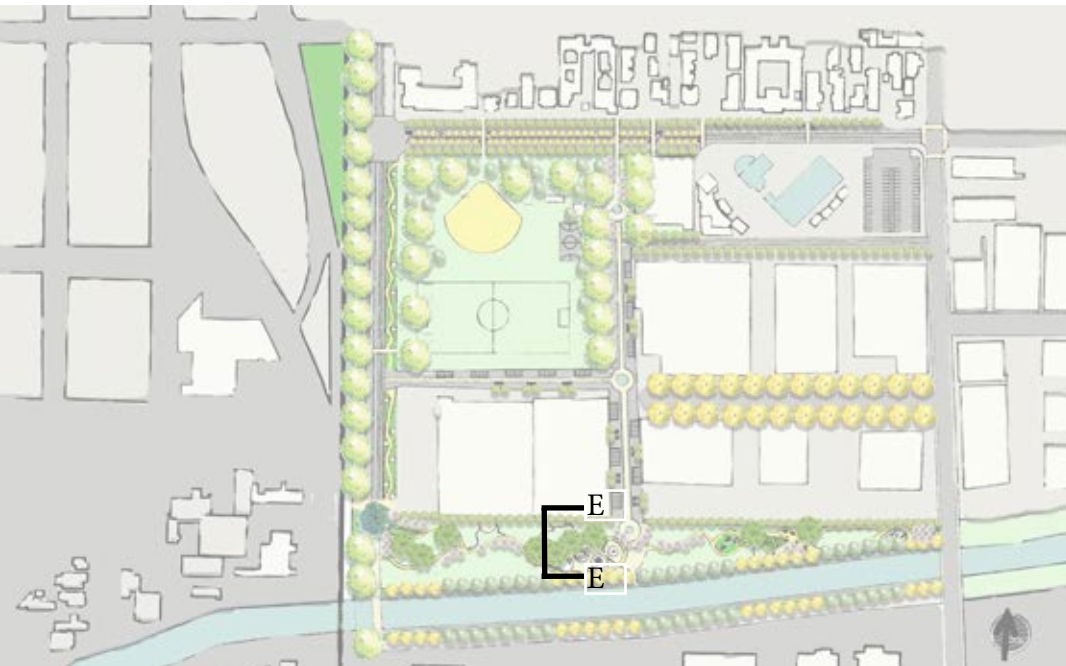
[https://www.researchgate.net/publication/276039090\\_Urban\\_Landscape\\_Perspectives](https://www.researchgate.net/publication/276039090_Urban_Landscape_Perspectives)



# SECTION OF GREENSPACE



## KEY MAP



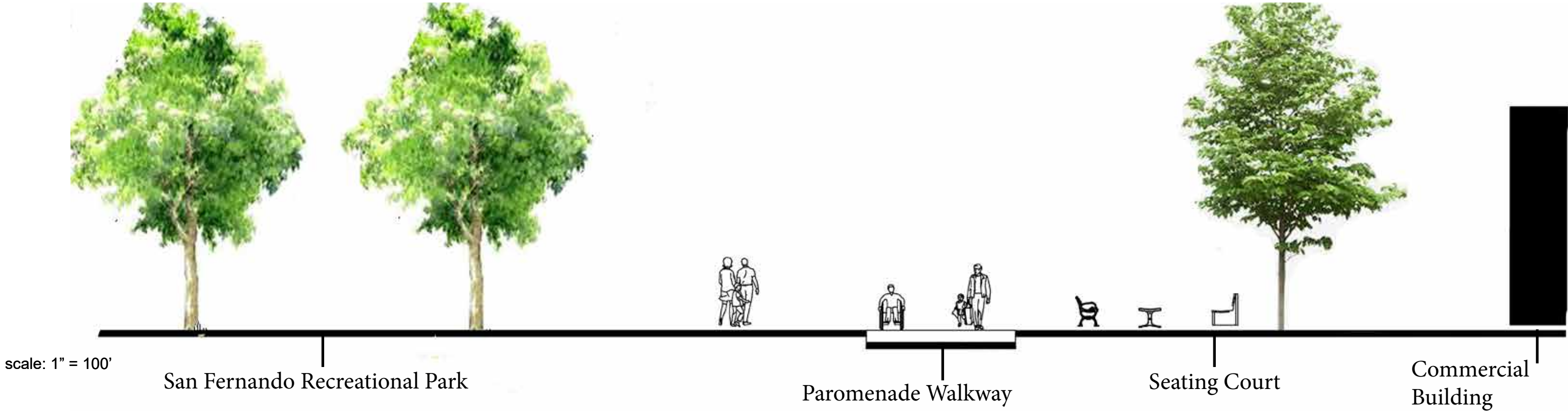
Handball court after renovation



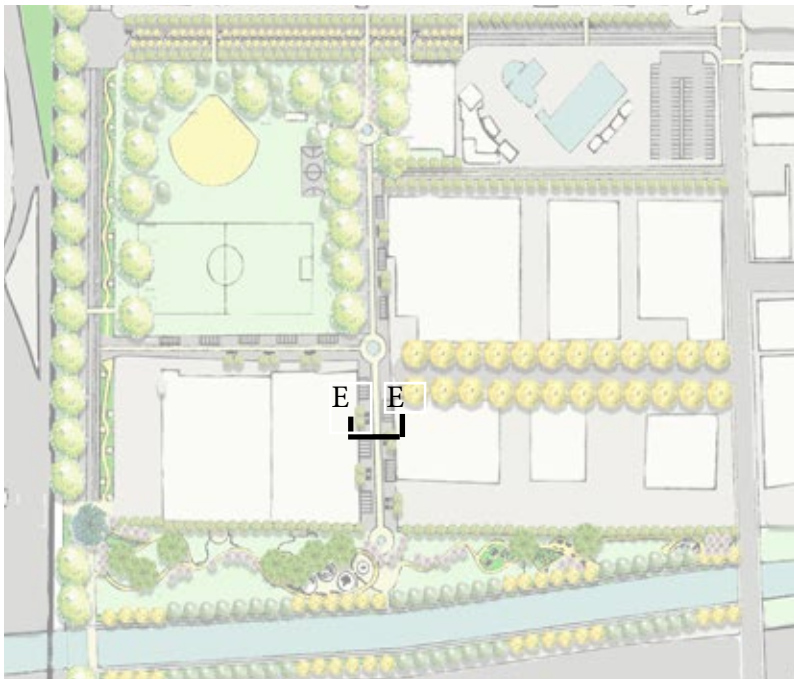
Winslow natural playground



# SECTION OF PAROMENADE



## KEY MAP



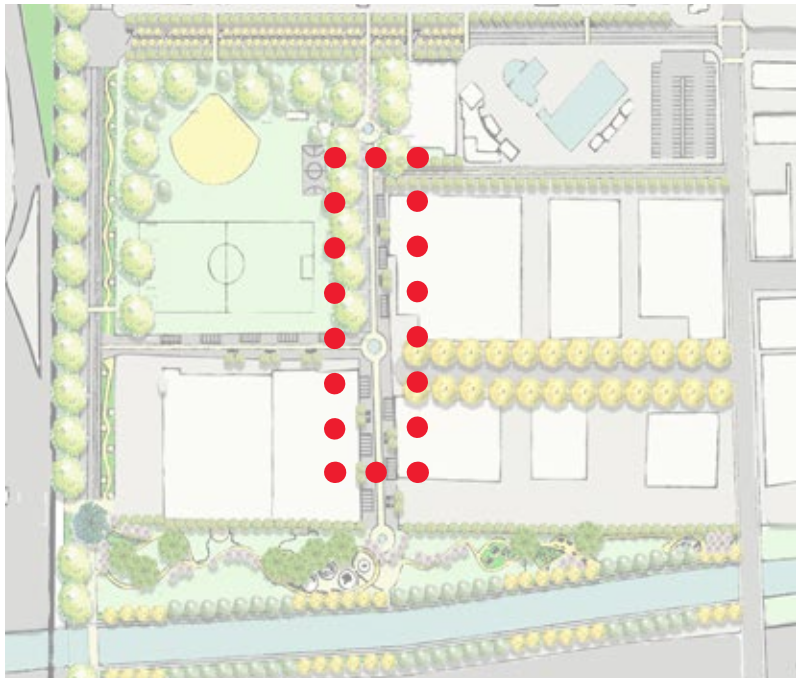


# PAROMENADE



The new promenade will create direct access to the San Fernando Recreational Park. The path will offer an experience where people can take a stroll and give individuals can stop to enjoy a quite or interactive moment along the way. The promenade will make a connection from the park to the new green space and the Pacoima Wash.

KEY MAP



scale: 1" = 50'

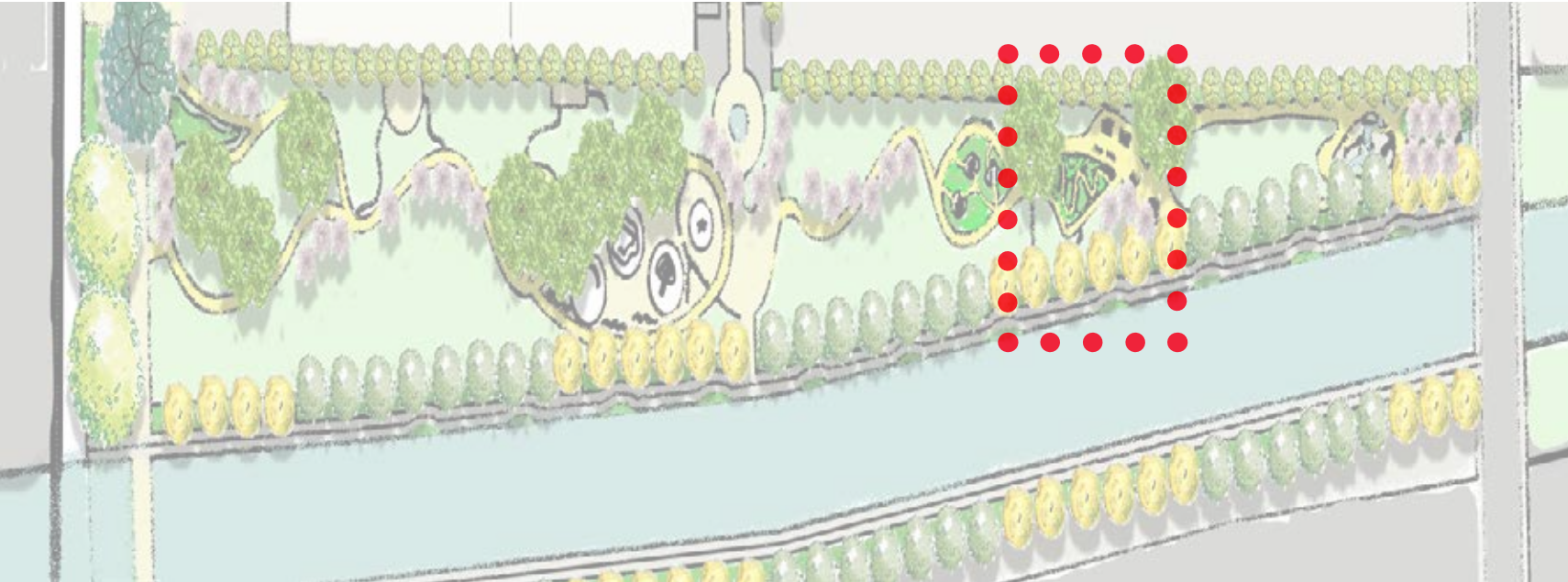




# ENLARGEMENT OF SENSORY GARDEN



KEY MAP



## TOUCH



Adenanthos sericeus



Stachys byzantina - Lamb's Ear

## SOUND



Grasses - Miscanthus 'Adagio'

## SMELL



Peppermint Plant



Rosmarinus officinalis - Rosemary



Oatea acuminata - Mexican Weeping Bamboo



# SENSORY GARDEN



The sensory garden will provide a holistic experience for the visitor. The plants selected are plants with aromas, textures, and sounds that are meant to be relaxed. The visitor will enjoy a calm experience among the holistic plants.

## KEY MAP



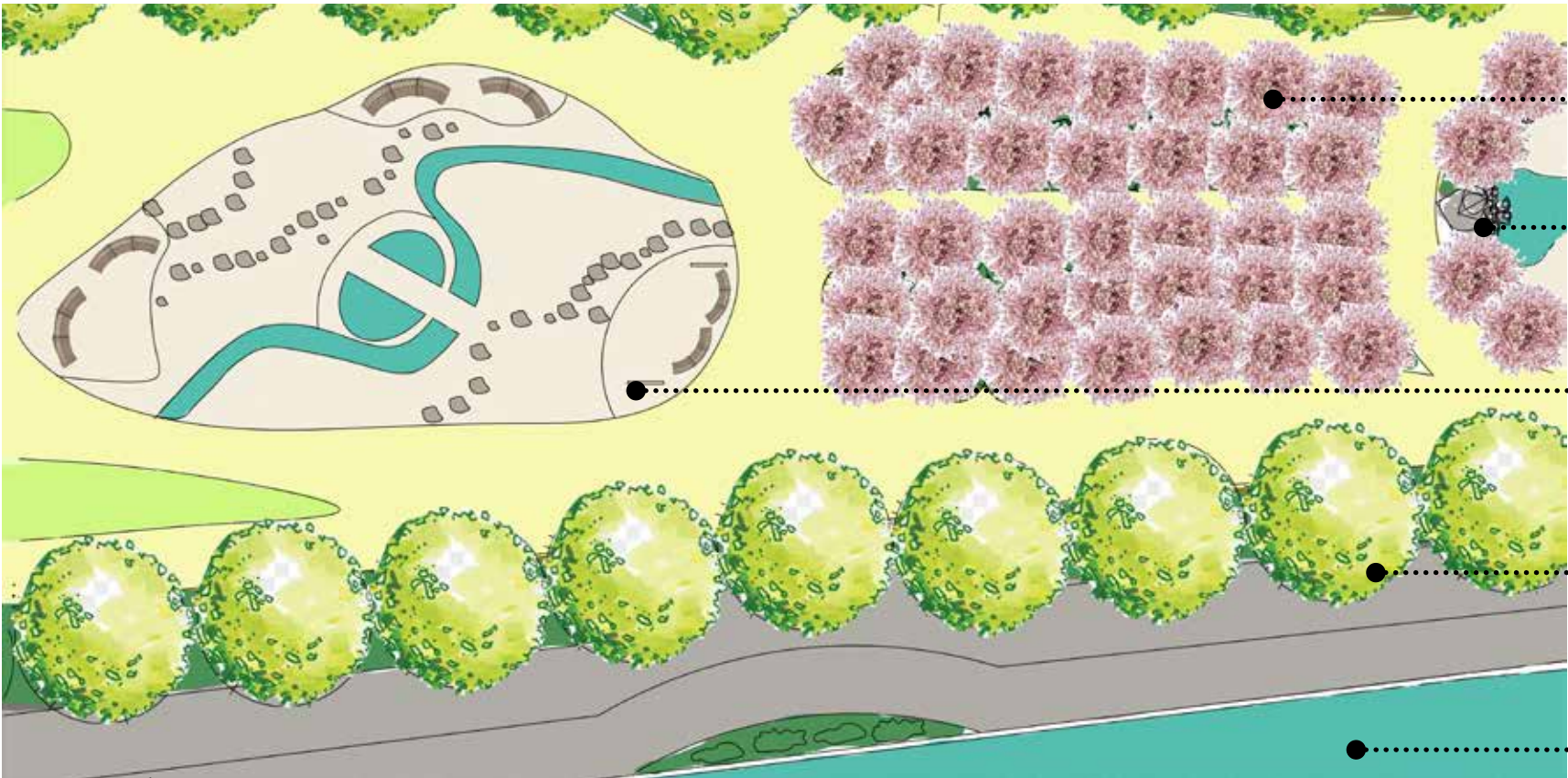


# SENSORY GARDEN





# ENLARGEMENT LEMON ORCHARD



KEY MAP

Orchard of Lemon Trees

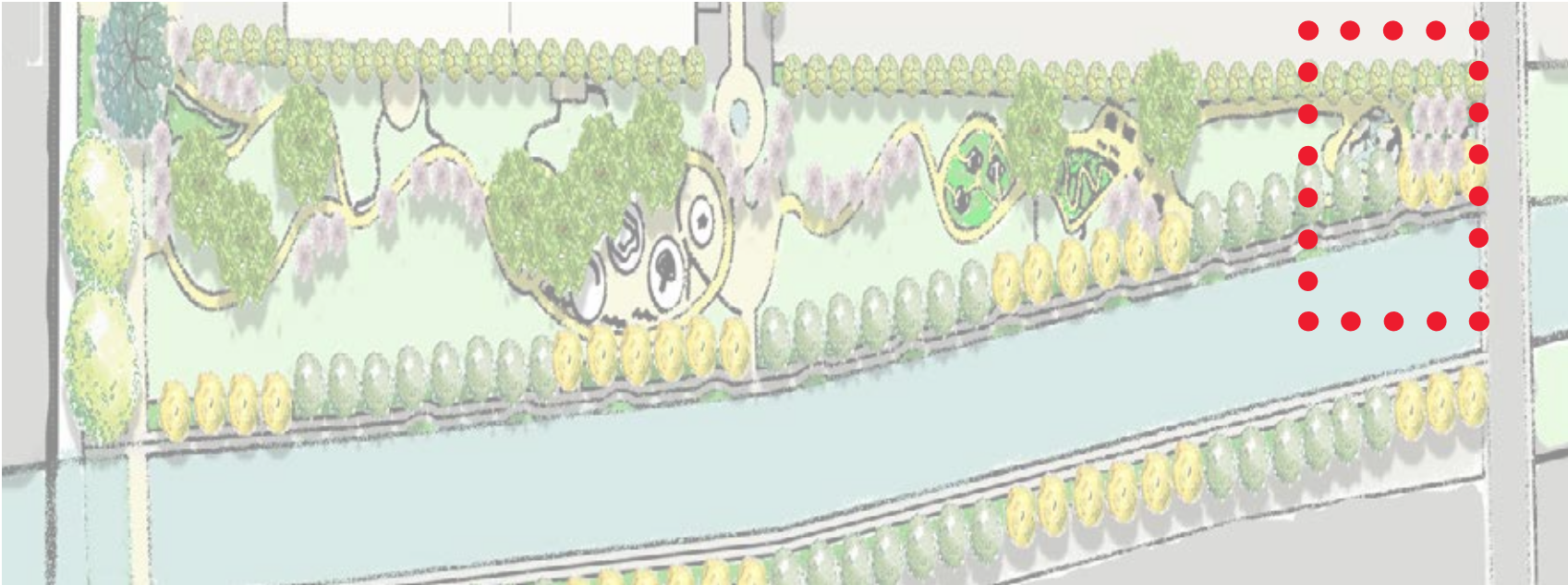
Pondless Waterfall

Exploration Garden

Pedestrian walkway and Bike Path

The Pacoima Wash

scale: 1" = 50'





# LEMON ORCHARD




The flowering tree accented walkway will allow people to enjoy the beautiful color of blossoming trees while enjoying the view of the naturalized Pacoima Wash.

## KEY MAP

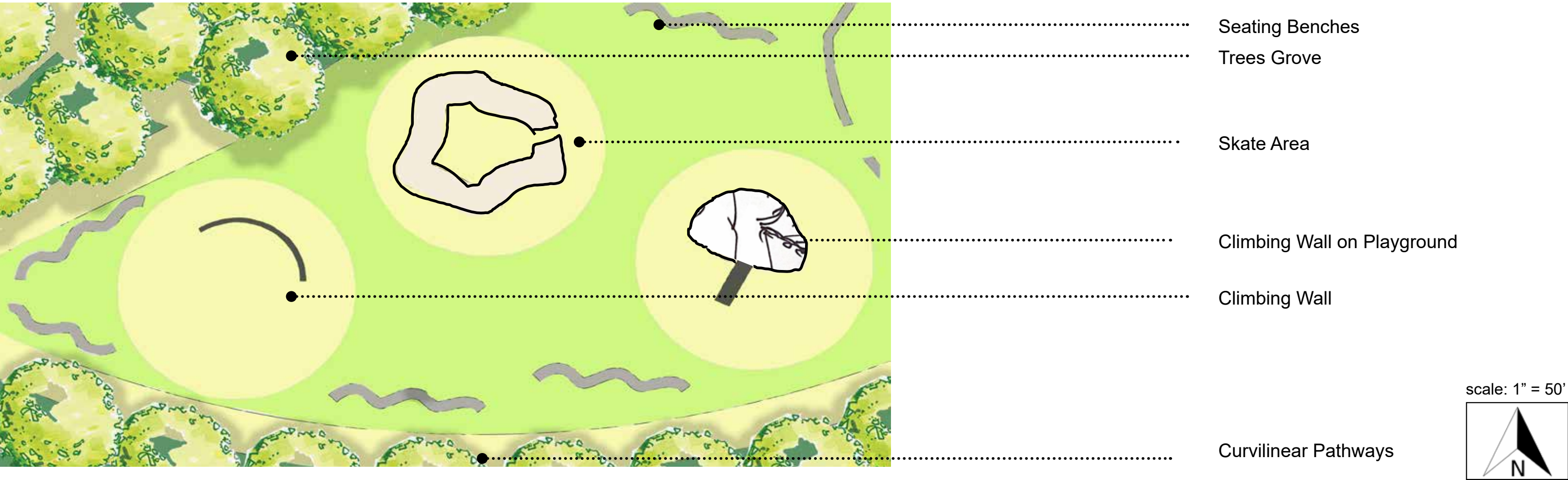


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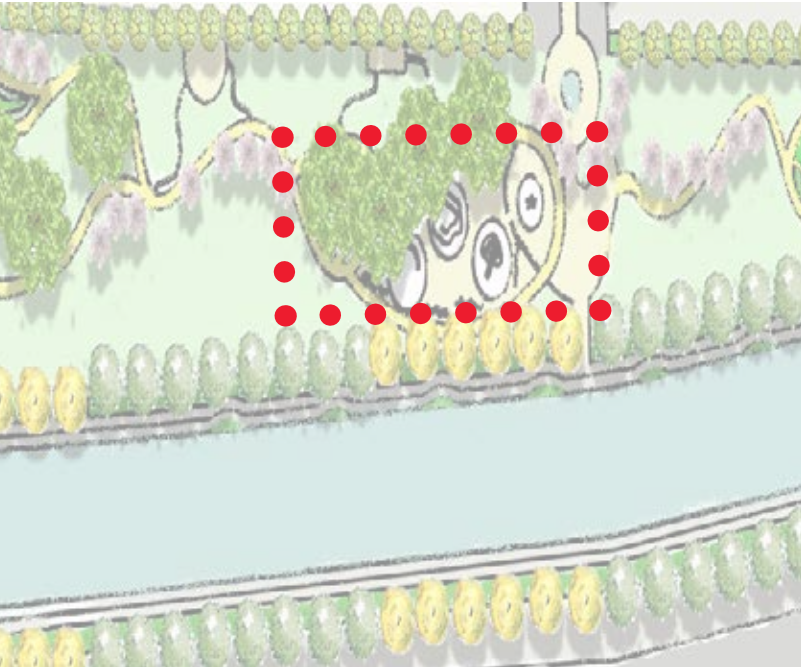




# ENLARGEMENT OF PLAYGROUND



## KEY MAP



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.researchgate.>



# PLAYGROUND



The empty lot is transformed into a child-centered playground. The playground will encourage children to gather and play daily. The increase in physical activity will help reduce the number of children suffering

## KEY MAP



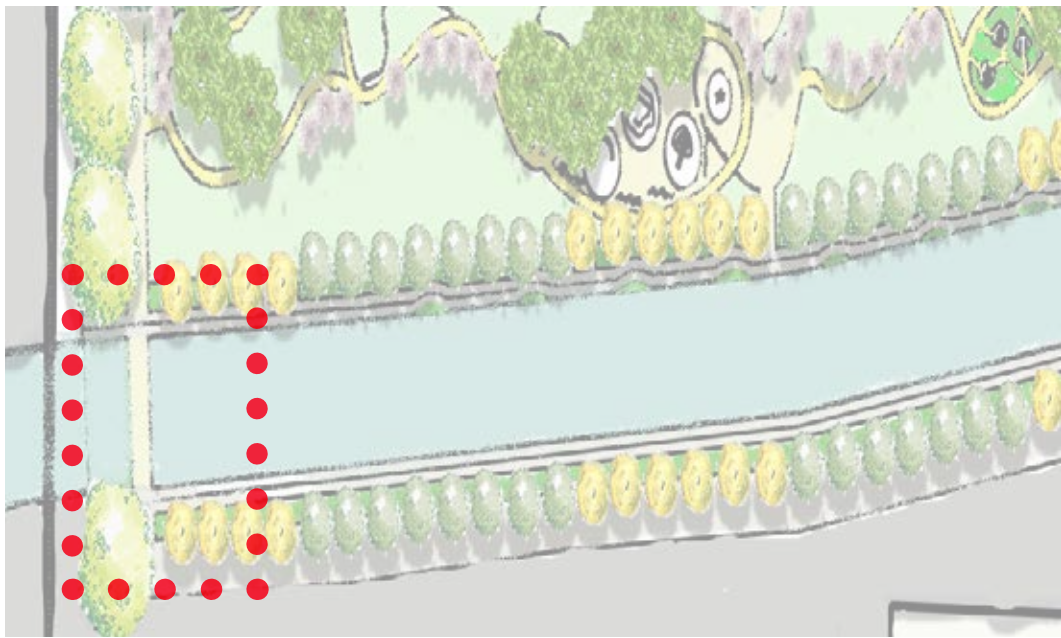


# CONNECTING BRIDGE



The bridge will act as a connecting element between the community to the San Fernando Recreational Park and The Pacoima Wash.

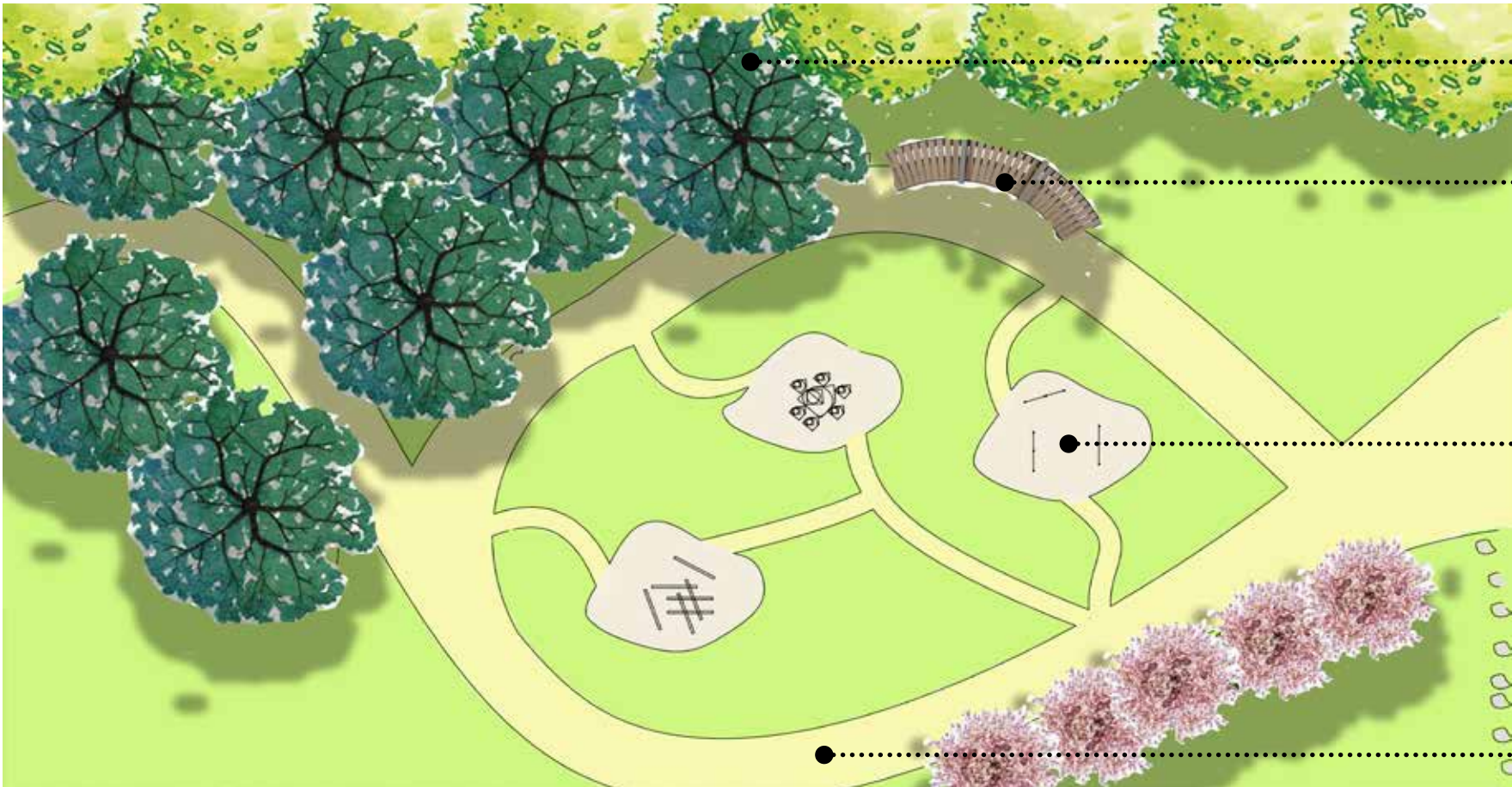
KEY MAP



scale: 1" = 50'  
N



# ENLARGEMENT OF FITNESS NODE



Trees Grove

Seating Bench

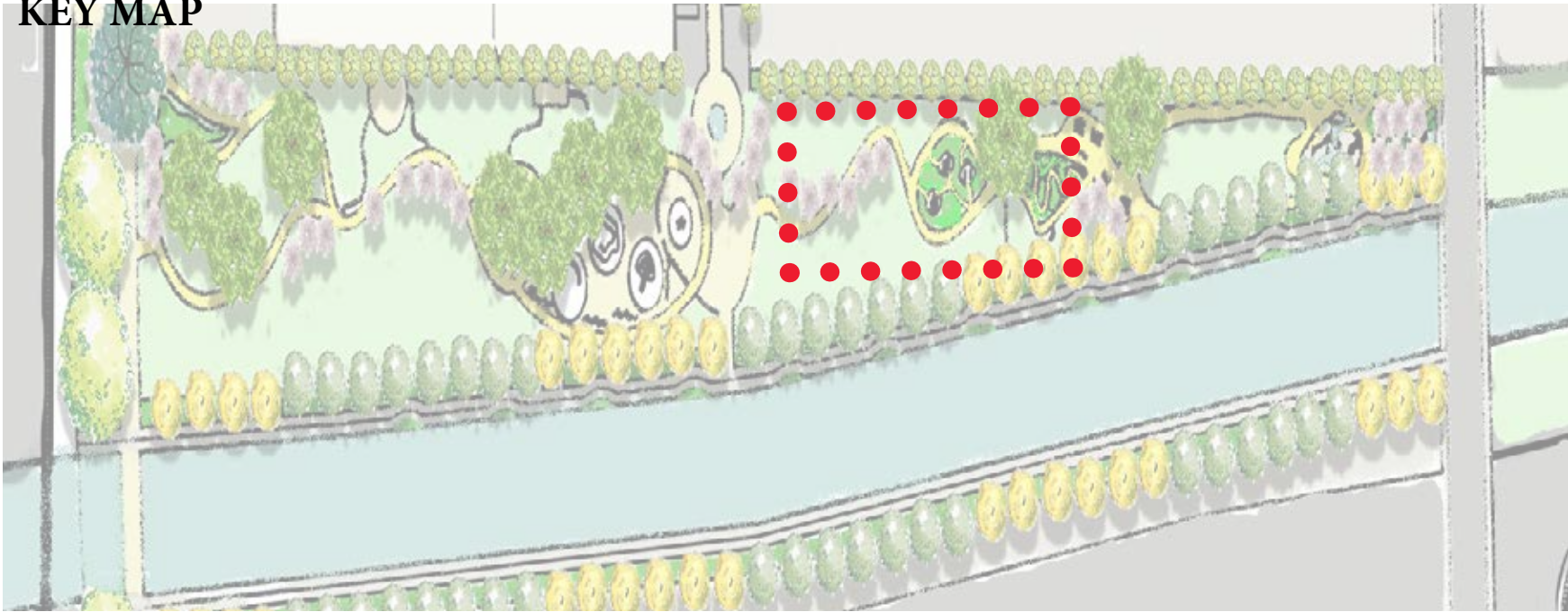
Activity Node

Curvilinear Pathways

scale: 1" = 50'



## KEY MAP



Adult fitness park

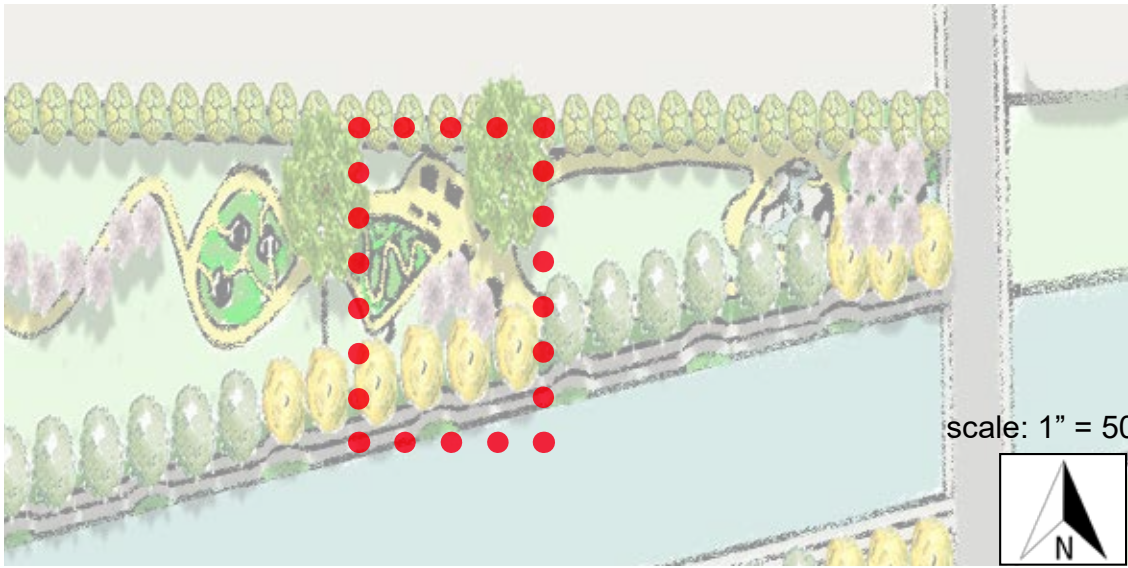


# FITNESS NODE



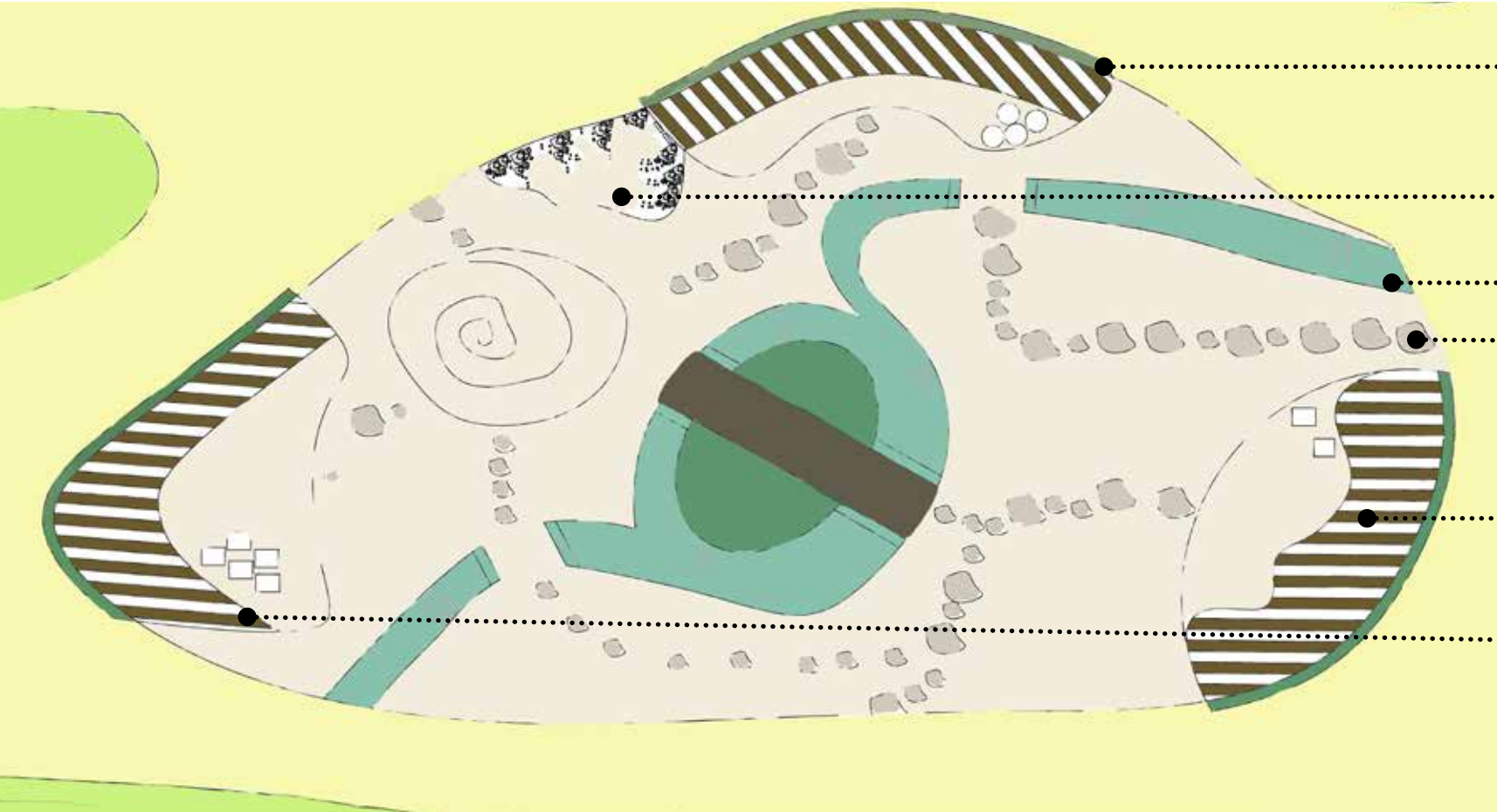
The fitness nodes will promote healthy living by providing access to recreational amenities, encouraging more active life for all age groups.

KEY MAP

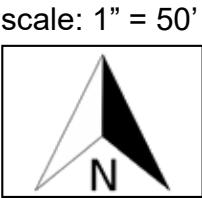




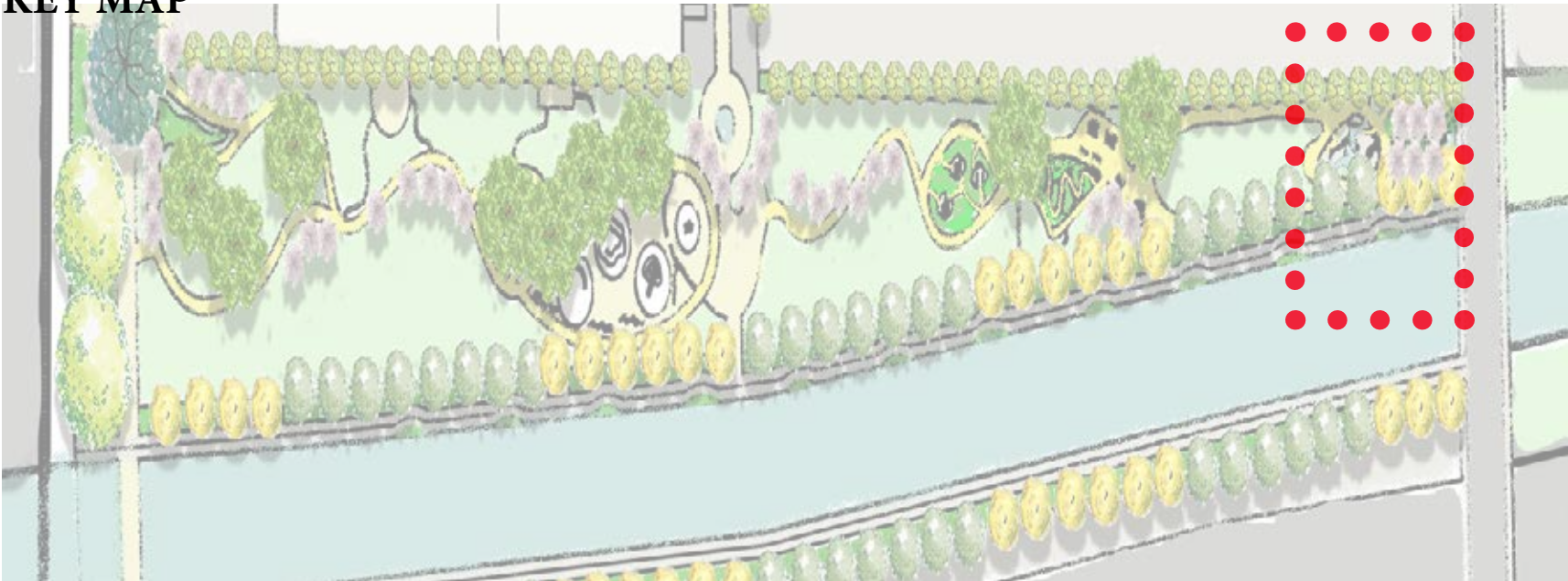
# ENLARGEMENT DISCOVERY GARDEN



- Green Wall
- Rock Garden and Exploration
- Exploration River
- Pedestrian walkway
- Evergreen Lookout
- Pollinator Learning Node
- Construction Learning Node



KEY MAP



Children at play in exploration park



# DISCOVERY GARDEN



The discovery garden will allow children to play and discover nature's beauty by having an area where kids can get their hands dirty and explore. The natural habitat is an opportunity for children to learn about plants and nature.

## KEY MAP





# GREENSPACE





# CONCLUSION

## LEGDEN

- ① Park Ave Streetscape
- ② First Streetscape
- ③ Frist Street Entryway
- ④ New Pedestrian Bridge
- ⑤ Fitness Trail
- ⑥ Bike Path
- ⑦ Outdoor Theater
- ⑧ Handball Court
- ⑨ Playground
- ⑩ Large Event Area
- ⑪ New Promenade Entryway
- ⑫ New Promenade
- ⑬ Green Lawn
- ⑭ Fitness Node
- ⑮ Sensory Garden/ Picnic Area
- ⑯ Exploration Garden
- ⑰ Flowering Tree Garden





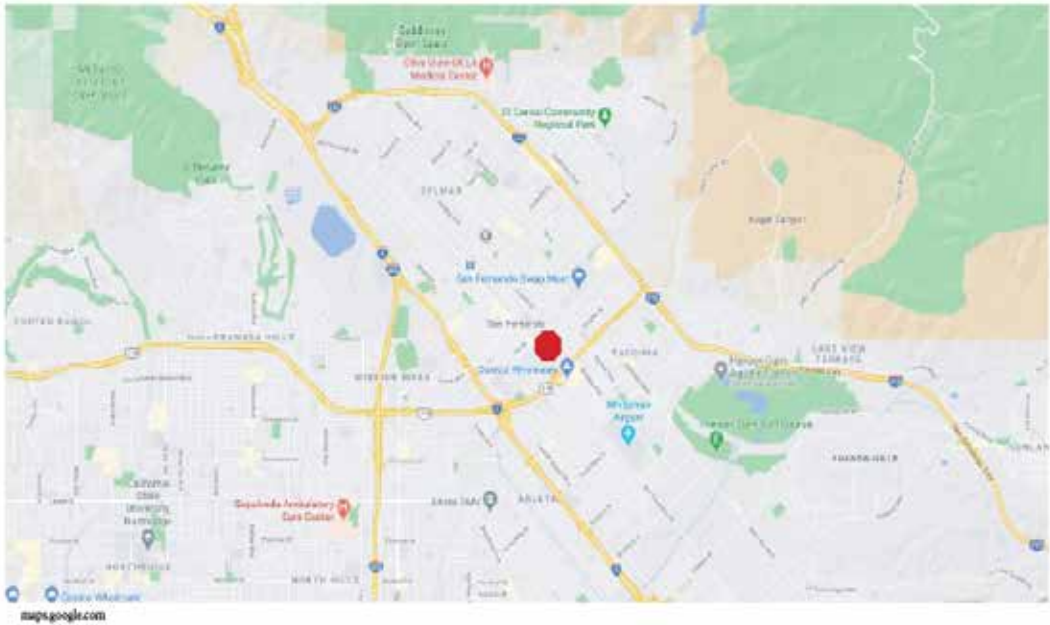


PRESENTATION BOARDS



# PRESENTATION BOARD

## VICINITY MAP



## LOCATION MAP



## PROJECT STATEMENT

The Pacoima Wash is 33 miles long, and it runs through five cities.

The wash is a concrete flood channel that creates a wedge between communities.

The Pacoima Wash is blocking access to nearby San Fernando Recreational Park in the City of San Fernando.

This project will promote a more active lifestyle and provide opportunities for recreation by connecting nearby communities to the San Fernando Recreational Park and the Pacoima Wash through the implementation of Green Street Design Guidelines.



A suburban land use pattern in the US



The Pacoima Wash



DETROIT, MI, USA (1998 - ONGOING)



Amsterdam Street-scape

## PROJECT JUSTIFICATION

It is crucial to provide green places for people to go outside and engage in an active lifestyle.

The County of California Public Health research has found that the lack of recreational facilities has impacted the community of San Fernando.

According to the study, the district has a high percentage of people who suffer from obesity, diabetes, and hypertension.

All these conditions can be prevented if people were more active. Unfortunately, due to the lack of parks and urbanization, people tend to stay indoors.

It is essential to promote healthy living by providing access to recreational amenities, which will encourage more active life for all age groups.



San Fernando Neighborhood



Exercising in the street



# PRESENTATION BOARD

## GOALS

- Promote Active Living
- Provide access to new and existing recreational amenities
- Develop safe street-scape to connect the Community to recreational activities

## OBJECTIVES

- Designing underdeveloped parcel of land adjacent to the Pacoima Wash to encourage physical activity among local residents to decrease health issues cause by inactivity. This will be accomplished by creating a green space
- Connecting 1st Street to the Pacoima Wash and provide more access entry points to amenities
- Adjoining the Pacoima wash with a green-way that will provide a bike lane and walkway connecting the local community and the San Fernando Recreational Park, giving asses to recreational activities.

## ELEMENTS

- 20 x 20 Playground
- 15 x 20 Out Fitness Area
- Outdoor Recreational trail
- Green Streets
- Walking Trails
- Bike Lanes
- Safety Lighting Along The Streets and Parks



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.yardstickglobal.org%2Fprojects%2Fparks&psig=AOvVaw0X1Kmz8m>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Ftribecacitizen.com>



<https://www.google.com/url?sa=i&url=https%3A%2F%2Fwww.>

## PROJECT DESIGN METHODOLOGY/ WHAT MAKES A SUCCESSFUL PLACE?



Project for Public Spaces found Four Principles to be effective in designing successful public spaces.

ACCESS & LINKAGE

SOCIABILITY

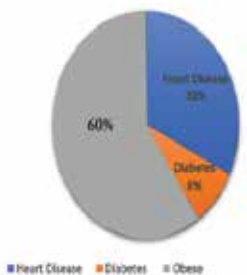
USES & ACTIVITIES

COMFORT & IMAGE



## COMMUNITY USERS

Residents of The Pacoima Wash





# PRESENTATION BOARD

## SITE PHOTOS



1 View to neighborhood in front



1 View to neighborhood in front



1 View to neighborhood in front



3 View to the Pacoima Wash (West)



3 View to the empty lot



3 View to the Pacoima Wash (East)



**LEGEND**

	San Fernando Recreational Park		Cesar Chavez Memorial Park		New Green Space
	Metro-Link Rail		Green Street		Pedestrian Walkway / Bike Lane
	New Access Points		Concrete Channel		

### OPPORTUNITIES

- Cesar Chavez Memorial Park provides an opportunity for more access to the Recreational Park and opportunity to develop a partnership with the community
- New Access Route allows more accessibility from different locations
- Green Street Access allows more safety to visitors entering the park
- Pedestrian Walkway / Bike Path will provide safe passage to Commuters or people visiting the park



**LEGEND**

	Metro-Link Rail		Existing Parking Lot
	Blocked Access Points		Commercial Business

### CONSTRAINTS

- Metro-Link Rail blocks access to the recreational center and is an eyesore for residents plus the train produces a loud noise
- Existing parking lot limits the amount of space available for park expansion
- Commercial businesses surrounding the recreational park deters residents from visiting the park
- Blocked access points prevent residents of having a direct path to the recreational center





# PRESENTATION BOARD

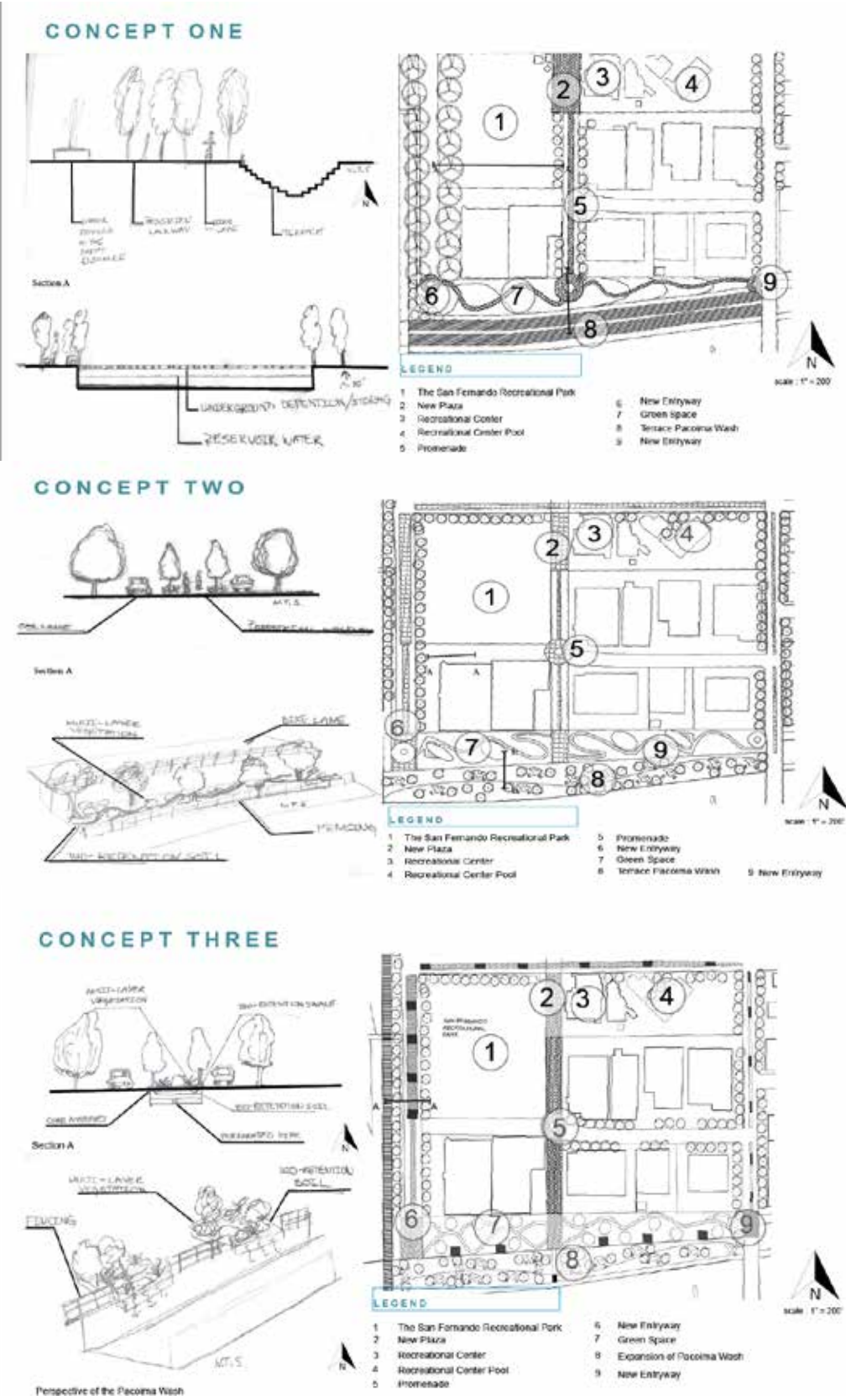
## DESIGN METAPHOR : RIVER



Concept metaphor is that of a RIVER: the movement, constant free-flowing curvilinear turns. The flow of the river inspires physical action as well as that of my design.



Child Playing in the river Crossing

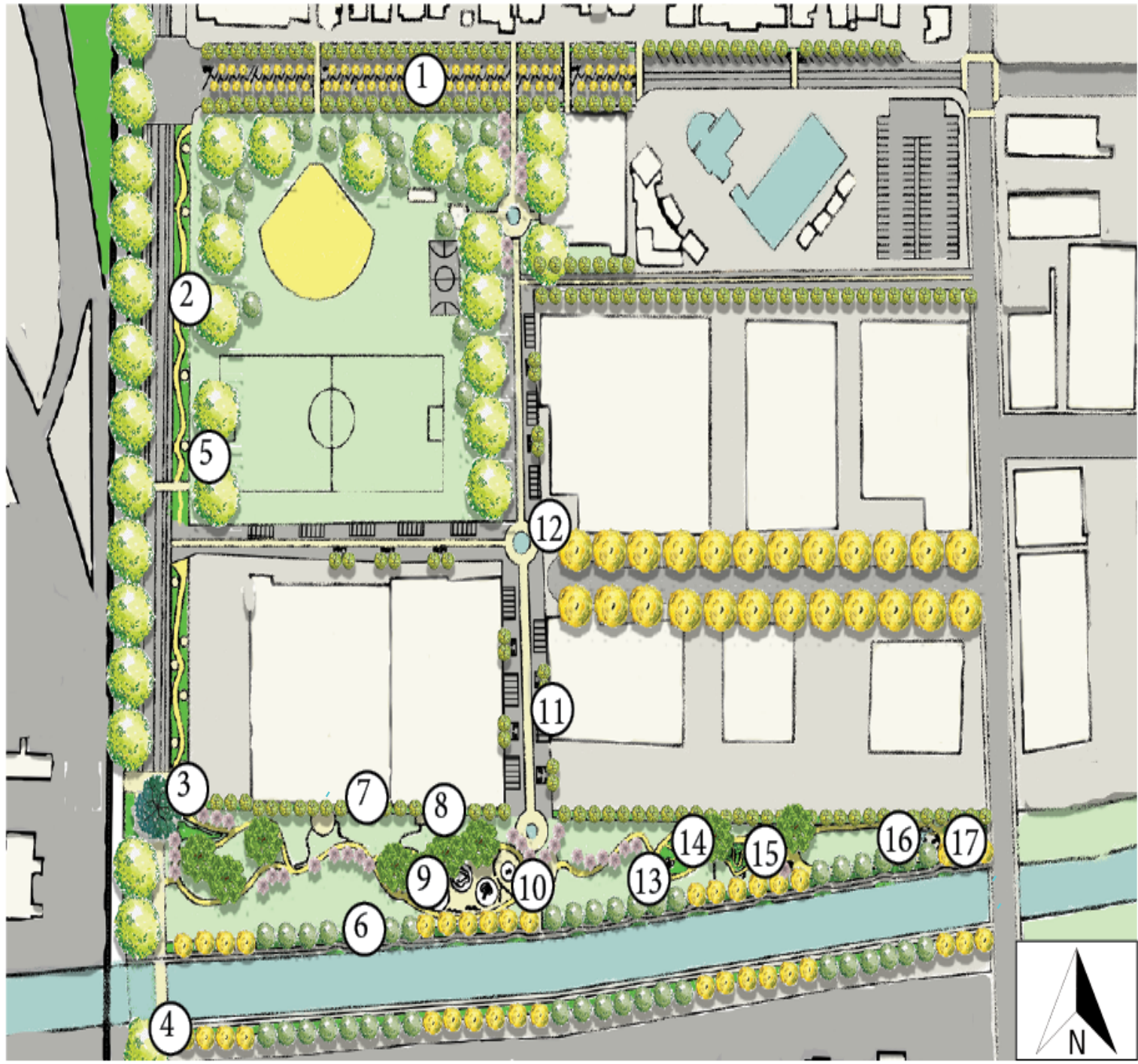




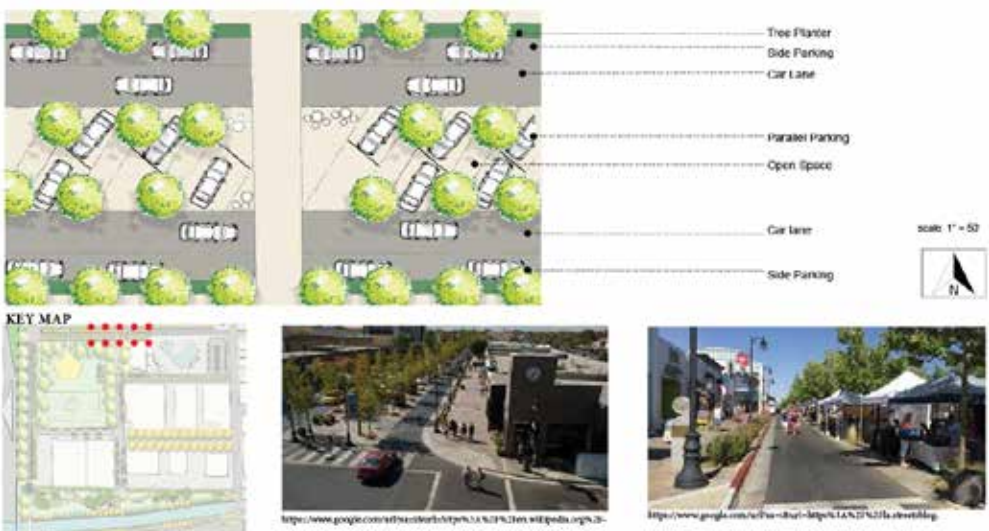
# PRESENTATION BOARD

## MASTER PLAN

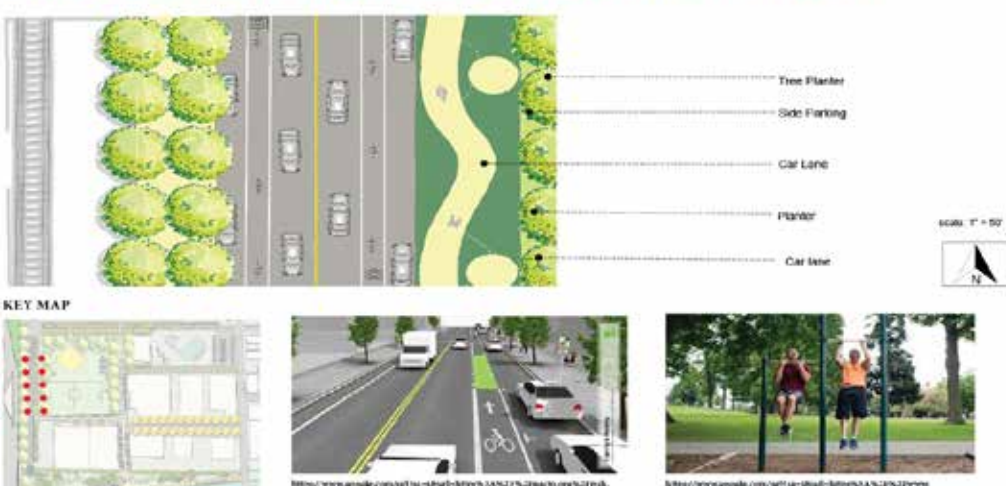
- LEGDEN
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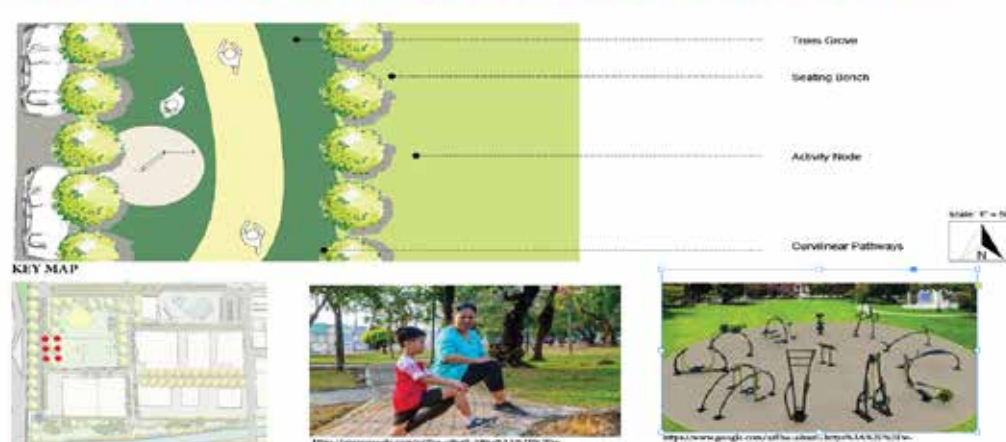
### ENLARGEMENT OF STREET-SCAPE ON PARK AVE



### ENLARGEMENT STREET-SCAPE ON FIRST STREET



### ENLARGEMENT OF FITNESS TRAIL ON FIRST STREET

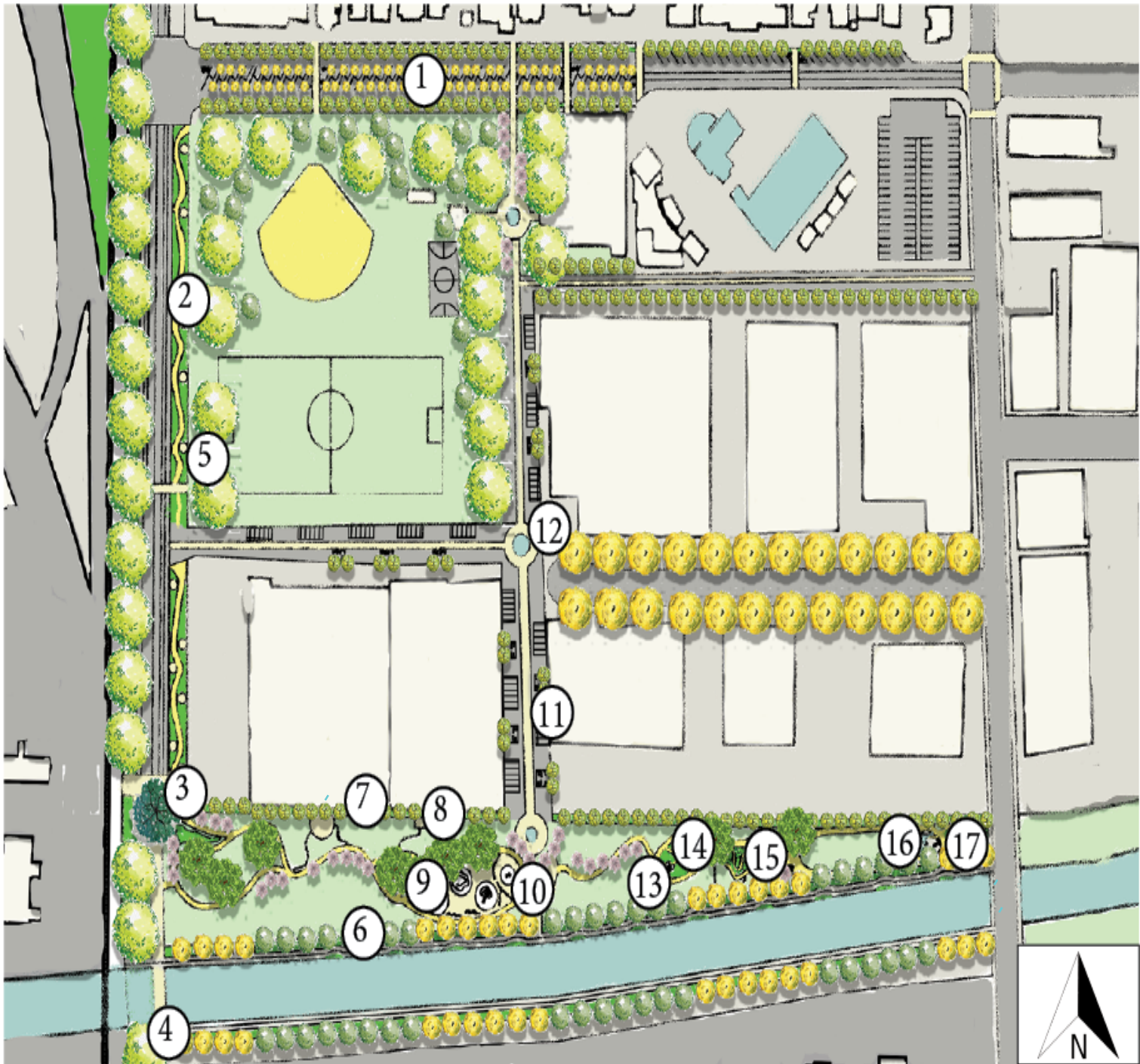




# PRESENTATION BOARD

## MASTER PLAN

- LEGDEN
- ① Park Ave Streetscape
  - ② First Streetscape
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## SECTION OF GREEN SPACE



## KEY MAP



## PROMENADE



The new promenade will create direct access to the San Fernando Recreational Park. The path will offer an experience where people can take a stroll and give individuals can stop to enjoy a quite or interactive moment along the way. The promenade will make a connection from the park to the new green space and the Pacoima Wash.

## KEY MAP



## ENLARGEMENT OF SENSORY GARDEN



## KEY MAP



## TOUCH



## SMELL



## SOUND





# RESOURCES

Alexander, Christopher, A Pattern Languages, New York: Oxford University

Lynch, Kevin, The Image of the City, Cambridge, Massachusetts

Ware, Chuck, Landscape Architecture Documentation Standards Principles, Guidelines, and Best Practices, New Jersey

Cantrell, Bradley, & Michaels Wes, Digital Drawing for Landscape Architecture Contemporary Techniques and Tools for Digital Representation in Site Design, New Jersey

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<https://nacto.org/publication/urban-street-design-guide/>

Veronica, Padilla, The Pacoima Wash Greenway Linking & Greening Communities  
<https://mba.csun.edu/sites/default/files/Veronica%20Padilla%203-26%20PPT.pdf>

The City of San Fernando,  
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<http://planning.lacounty.gov/gisnet>

Project for Public Spaces, Place Making: What if we built our cities around places?,2018  
[https://uploads-ssl.webflow.com/5810e16fbe876cec6bcbd86e/5b71f88ec6f4726edfe3857d\\_2018%20placemaking%20booklet.pdf](https://uploads-ssl.webflow.com/5810e16fbe876cec6bcbd86e/5b71f88ec6f4726edfe3857d_2018%20placemaking%20booklet.pdf)

