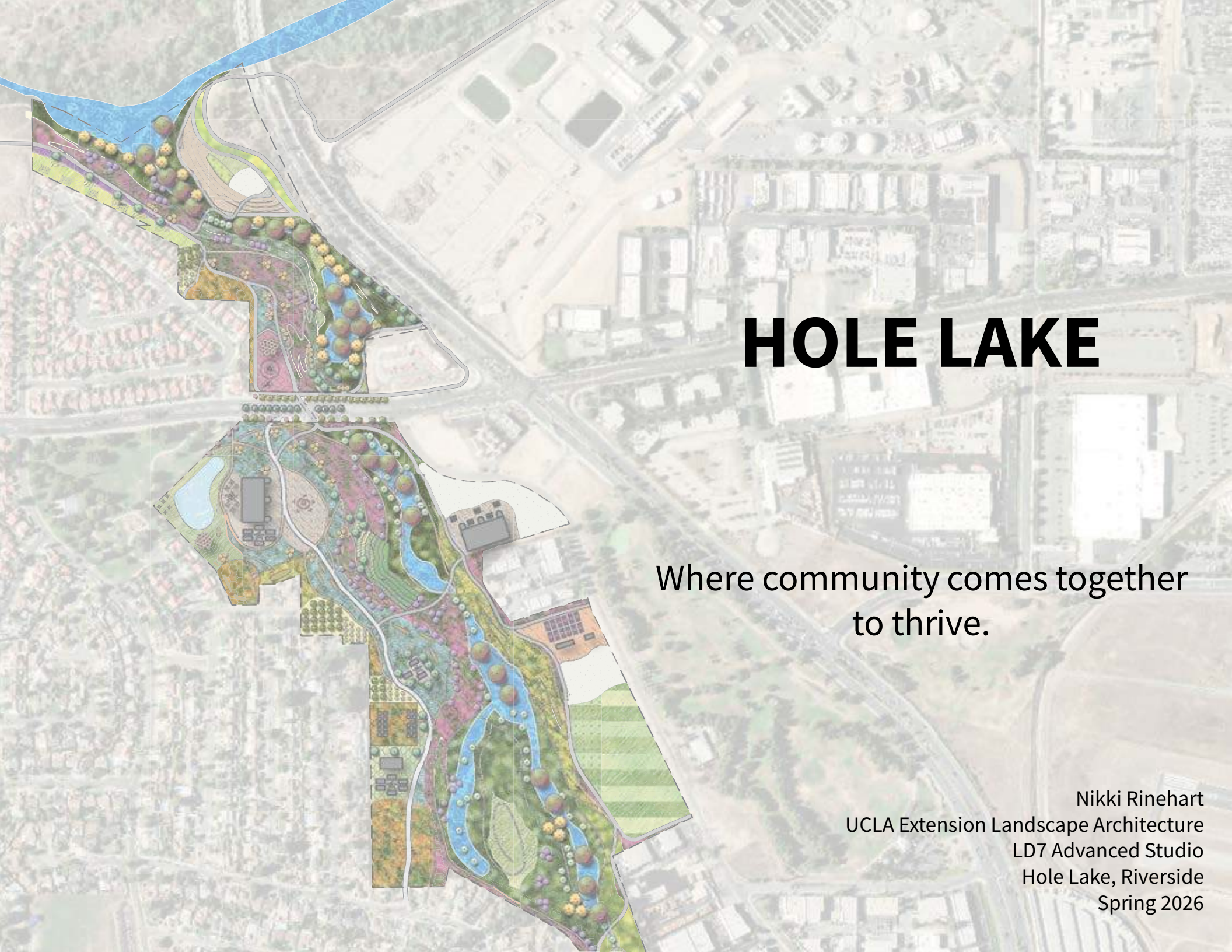




HOLE LAKE

Where community comes together
to thrive.

Nikki Rinehart
UCLA Extension Landscape Architecture
LD7 Advanced Studio
Hole Lake, Riverside
Spring 2026

Pre-Design

Location.....3

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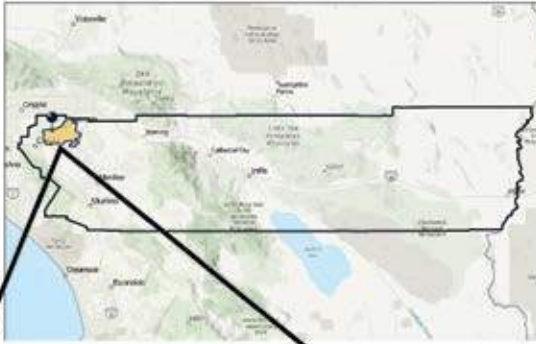


City of Arts & Innovation

Location

Hole Lake Riverside, CA

Riverside County



California



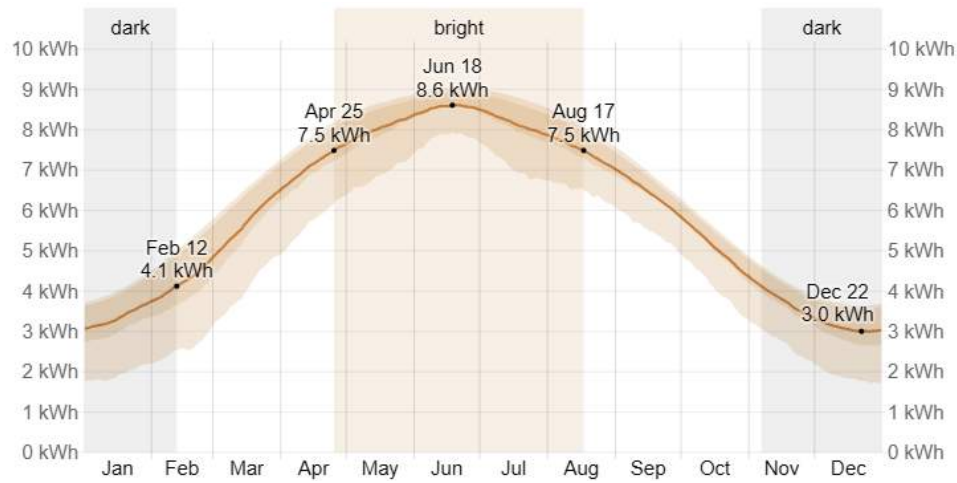
City of Riverside



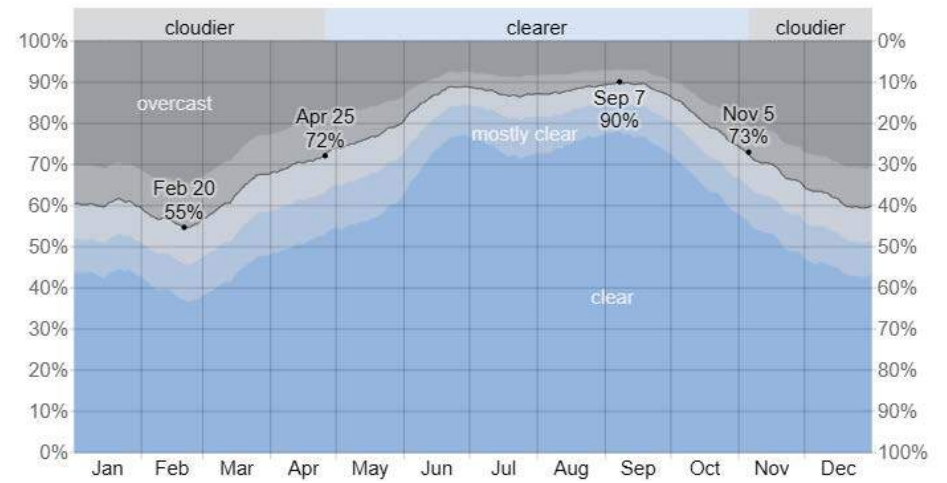
Location:
State: California
County: Riverside
City-Riverside

Population 323,757
White-59%
Hispanic or Latino-55.6%
Two or more Races-18.9%
Asian-8.2%
Black-6.1%
Native American-1.2%

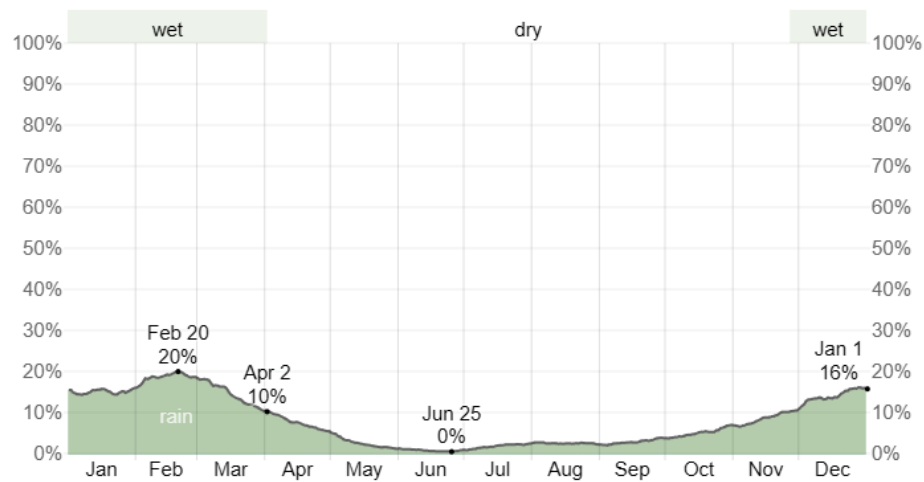
This climate data is important for growing conditions, solar energy efficacy, and when conditions might be unsafe due to water flow.



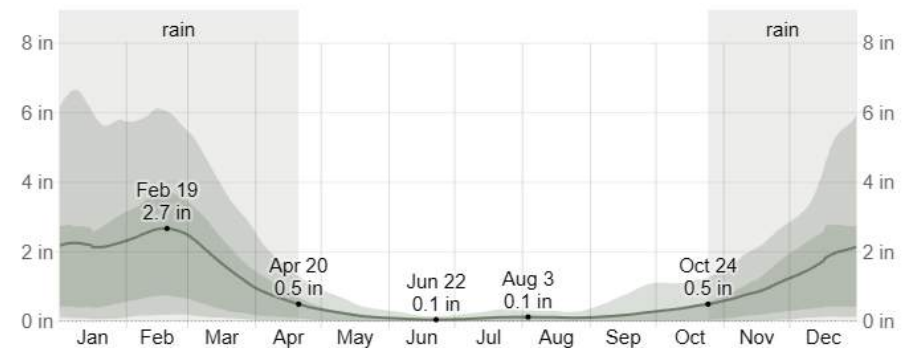
Average Daily Incident Shortwave Solar Energy



Cloud Cover Categories

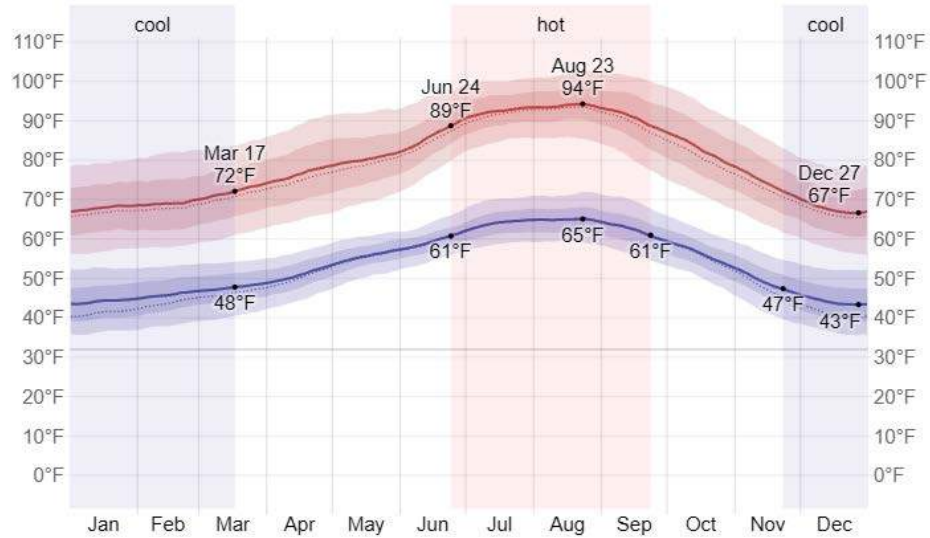


Daily Chance of Precipitation

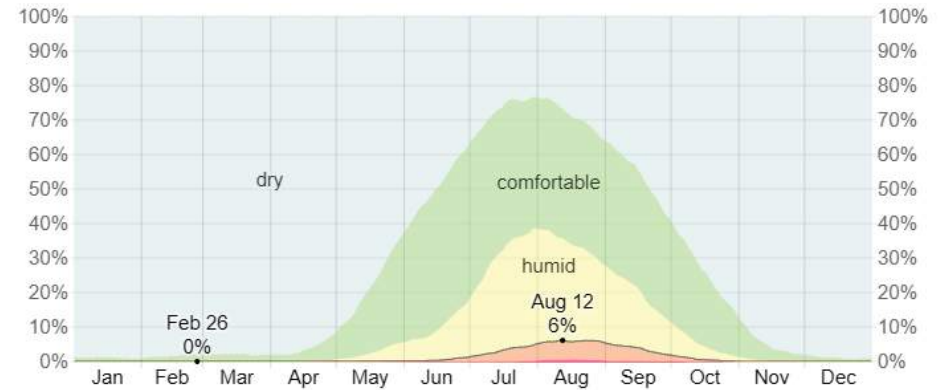


Average Monthly Rainfall

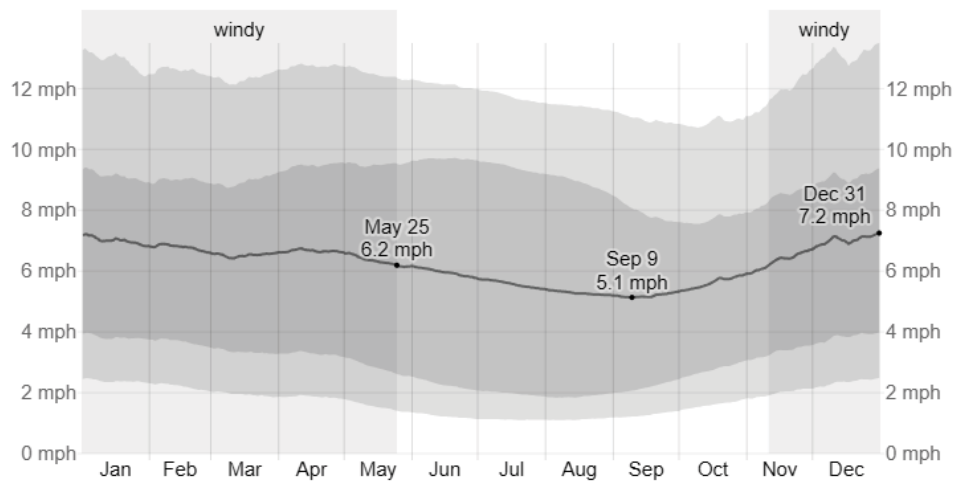
This climate data is important for comfort level outdoors, which could effect event planning and park visitation.



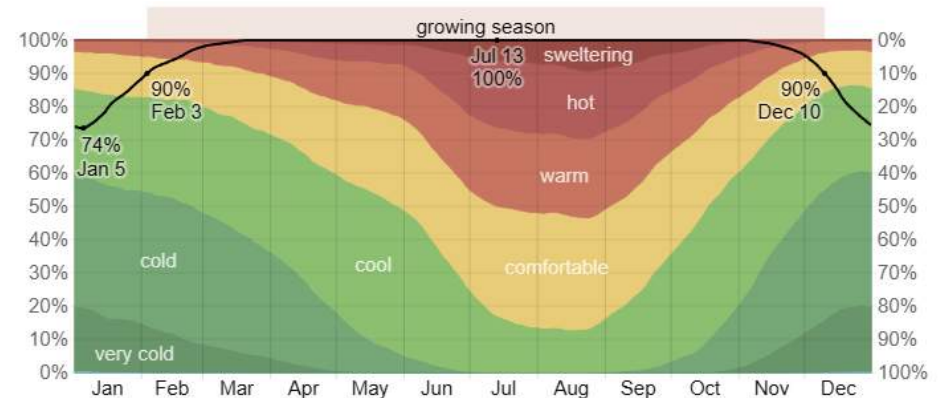
Average High and Low Temperature



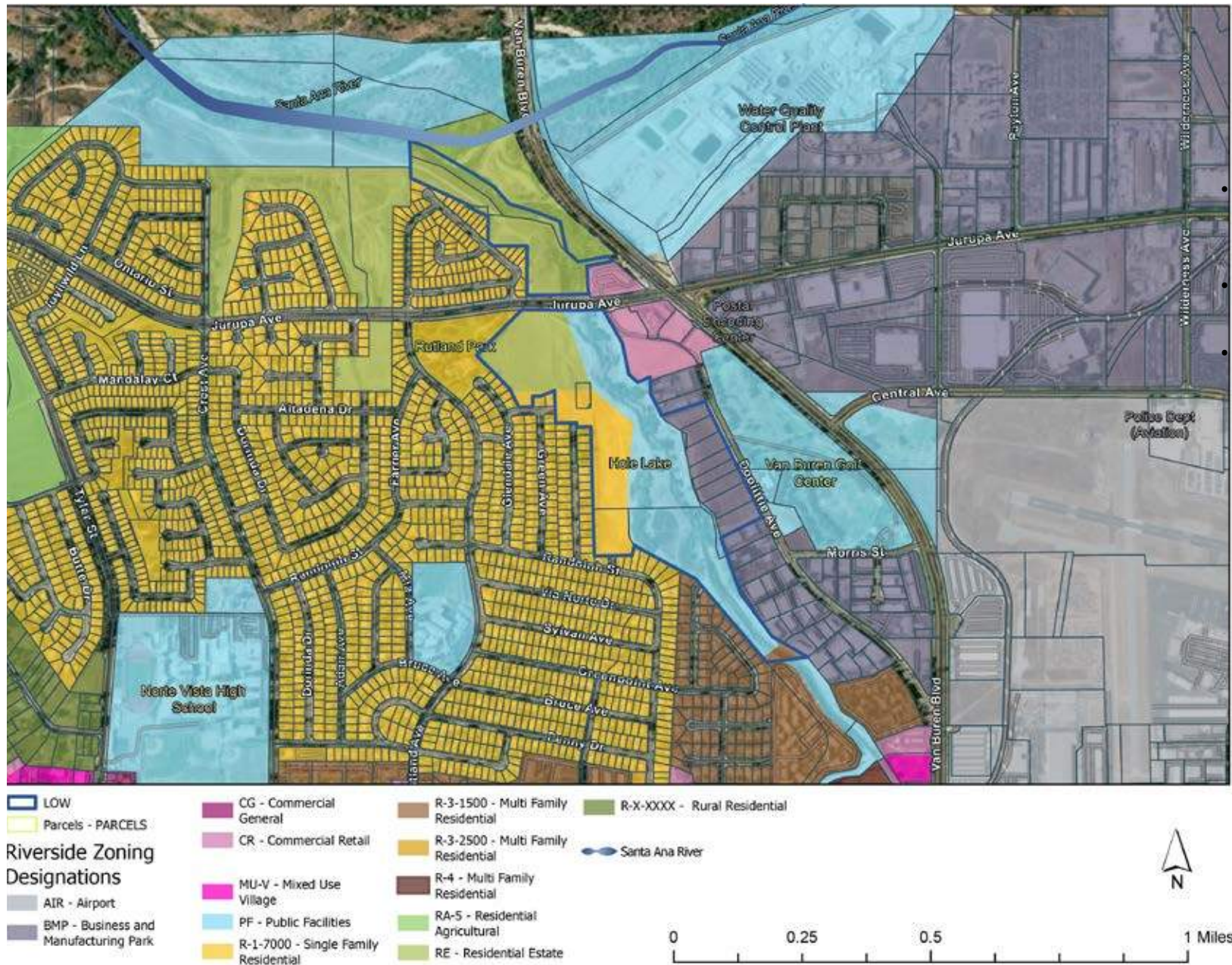
Humidity Comfort Levels



Average Wind Speeds



Time Spent in Various Temperature Bands and the Growing Season



- Lots of “urban drool” (runoff full of toxins and filth).
- Not very much open space for recreation.
- Lots of pavement and high density housing.



- 1 Most heavily restricted.
- 2 Less restricted. No trees over 35'. nothing that would encourage flocking birds/water fowl.
- 3 5,000' buffer. Restricted.

Takeaways: The FAA only cares about people who care about airplanes and does not have the needs of the greater community at play. My vision for 5, 10, 50 years in the future is that people care more about nature , wildlife and community than drones and private aircrafts.

LOW

Riverside County Airport LUCP

Criteria

- A- Clear Zone
- B1- Inner Approach/Departure
- B2- High Noise Zone
- C
- D- Flight Corridor Buffer
- Santa Ana River

Flights less than 10 minutes apart



- Water year round at Hole Lake, fed by “Urban Slobber.”
 - Water year round at Water Quality Control Plant (**FTFAA**)
 - Hole Lake-tributary to Santa Ana River
 - Most topography is on site.
-
- By the time it gets to the Santa Ana River, water from hole lake appears to be relatively clean.





FE

Quino Checkerspot Butterfly
(*Euphydryas editha quino*)

Habitat: grasslands, coastal sage scrub, chamise chaparral, red shank chaparral, semi-desert scrub.

Key:
 F=Federal
 S=State
 E=Endangered
 T=Threatened
 UR=Under Review



FT

Santa Ana Sucker
(*Catostomus santaanae*)

Habitat: River or stream



UR

Western Spadefoot
(*Spea hammondi*)

Habitat: Mixed woodlands, grasslands, coastal sage scrub, chaparral, sandy washes, lowlands, river flood plains, etc. Rain pools which do not contain bullfrogs, fish, or crayfish necessary for breeding



FT

Coastal California Gnatcatcher
(*Polioptila californica californica*)

Habitat: California Coastal Sage Scrub, desert Scrub, Coastal Dune Scrub



FT, SE

Western Yellow-Billed Cuckoo
(*Coccyzus americanus occidentalis*)

Habitat: Wooded habitat with dense cover and water nearby; woodlands with low, scrubby vegetation, overgrown orchards, abandoned farmland and dense thickets along streams and marches.



FE, SE

Least Bell's Vireo
(*Vireo bellii pusillus*)

Habitat: Woodland and desert.
 Breeding: primarily willow-dominated riparian woodland; forages and sometimes nests in Mulefat scrub, oak woodlands, chaparral, mesquite thickets.



UR

California Spotted Owl
(*Strix occidentalis occidentalis*)

Habitat: Arroyos and Canyons, Forests and Woodlands, High Mountains .

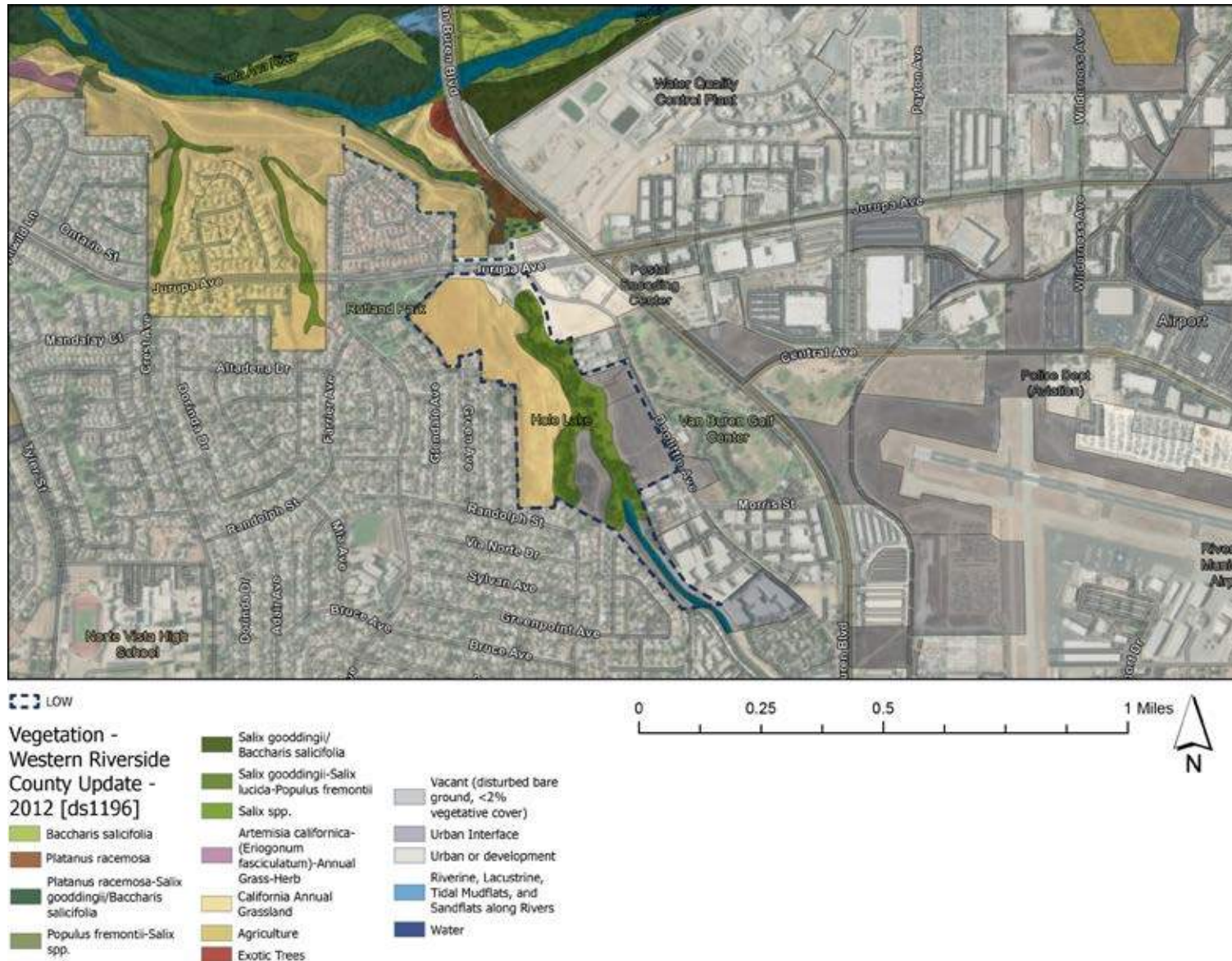


FT, SE

Stephen's Kangaroo Rat
(*Dipodomys stephensi*)

Habitat: Despite conservation status, these rats are adaptable and can inhabit any warm, arid environments including open grasslands and sparsely vegetated scrub

Existing Vegetation



- Many different riparian habitat species.
- Lots of vegetation around hydrography
- Surrounding areas “plant poor.”
- “California grasslands” actually invasive grasses.



Mulefat
(*Baccharis salicifolia*)



Blue Elderberry
(*Sambucus Mexicana*)



Deerweed
(*Acmispon glaber*)



Clustered Tarweed
(*Deinandra fasciculata*)



Sacred Datura
(*Datura wrightii*)



California Sagebrush and others
(*Eriogonum fasciculatum*)



Western Ragweed
(*Ambrosia psilostachya*)



Freemont Cottonwood
(*Populus fremontii*)



Buffalo Gourd
(*Cucurbita foetidissima*)



Poison Oak
(*Toxicodendron diversilobum*)



Desert Wild Grape
(*Vitis girdiana*)



Castor Bean
(*Ricinus communis*)



Tree of Heaven
(*Ailanthus altissima*)



Russian Thistle
(*Salsola tragus*)



Invasive Mustard
(*Brassica* sp)



Mexican Fan Palm
(*Washingtonia Robusta*)



Giant Reed
(*Arundo donax*)



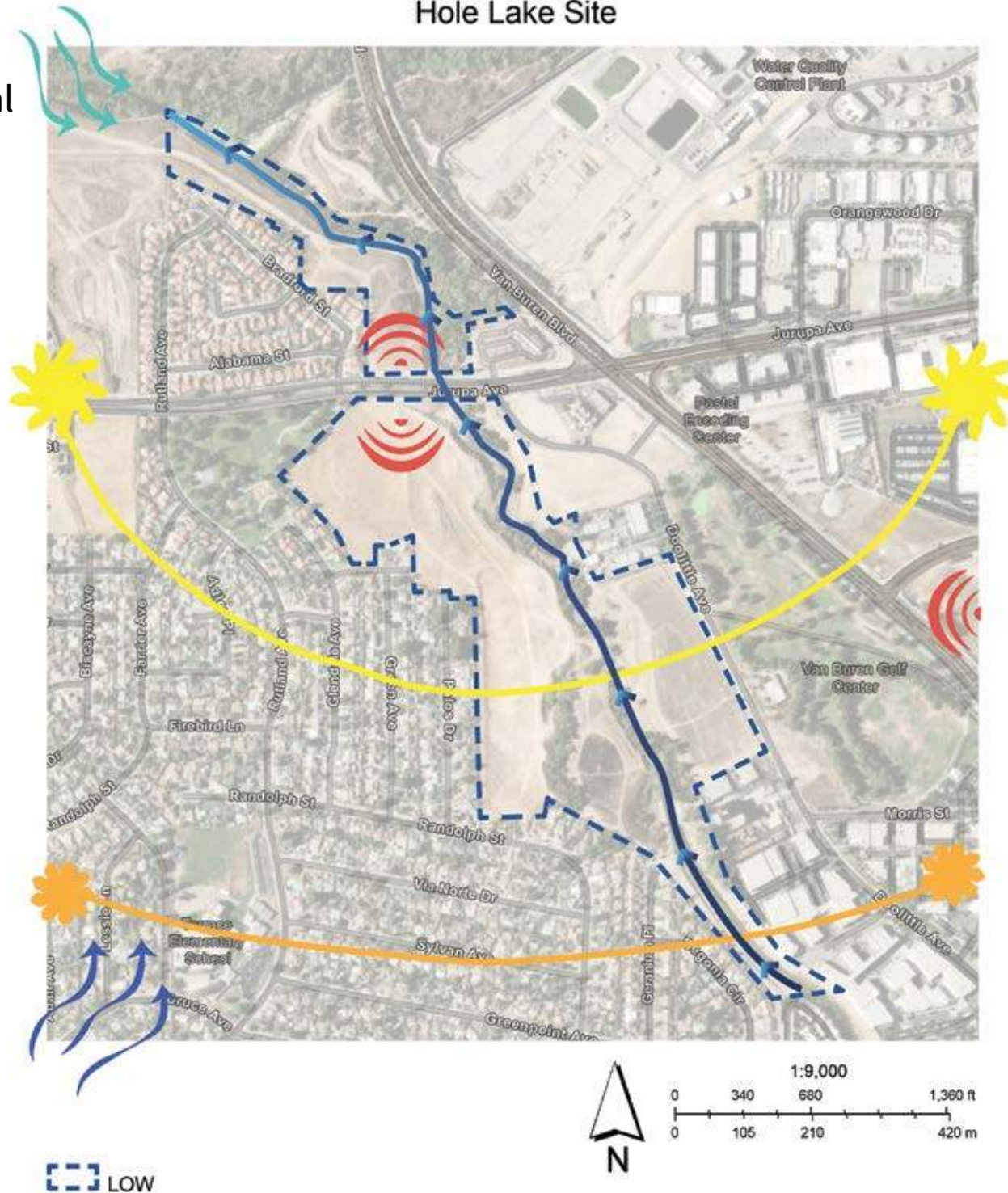
Tree Tobacco
(*Nicotina glauca*)



Canary Island Date Palm
(*Phoenix canariensis*)

Environmental

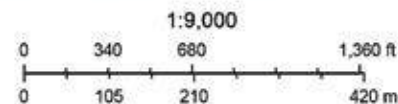
Hole Lake Site



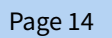
Legend

- Summer Sun Path
- Winter Sun Path
- Prevailing Winds
- Seasonal Winds
- Noise
- Storm Channel Flow

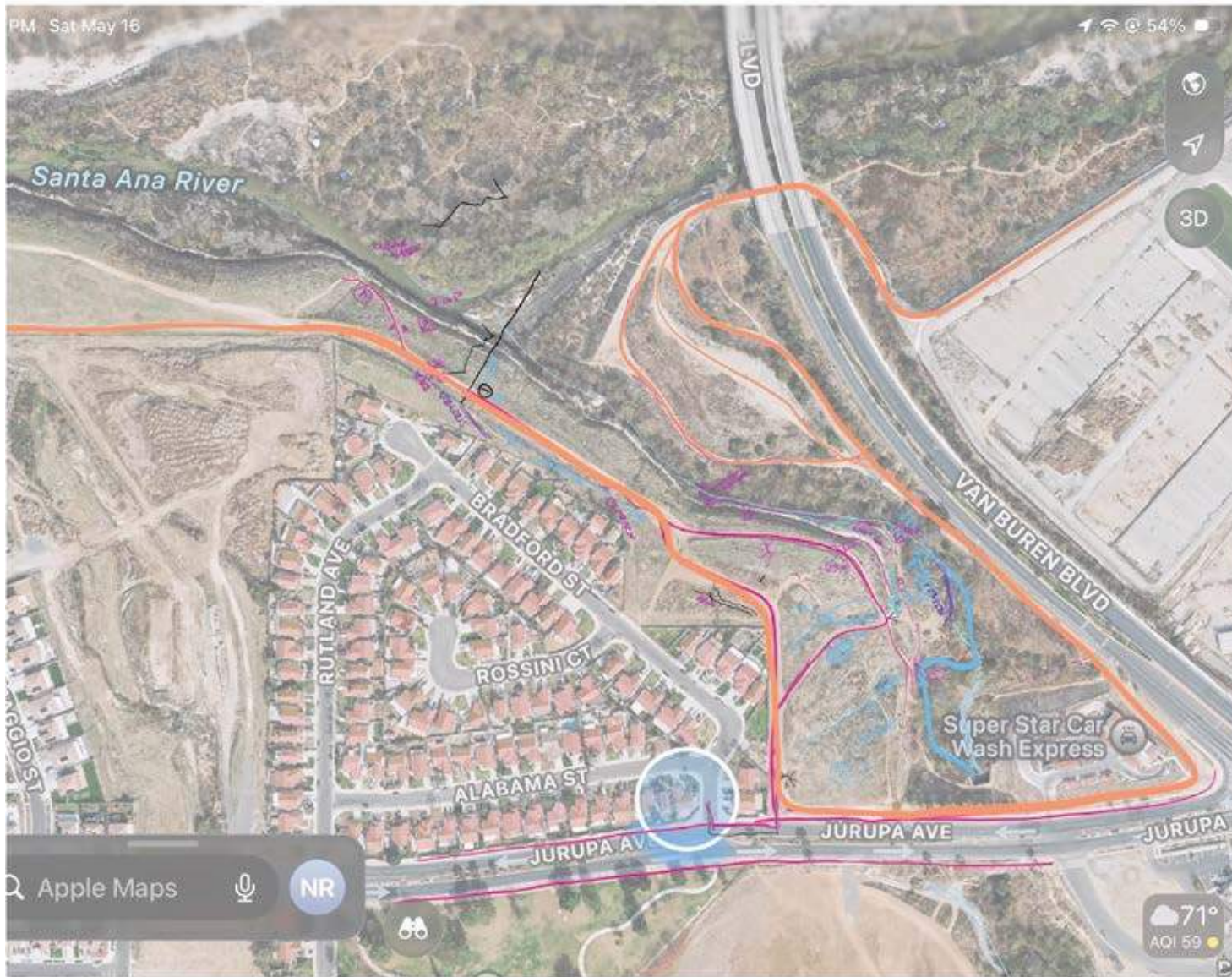
LOW



Built



North Side



C12eol

① NAME

② LOTS OF NATIVES

BROME, CASTOR 135.

③ CP IN PATH IN THAT AREA

4 LP BAKETOWNERS SITE

⑤ COTS OF TRASH

⑤ VIB OF PbO 360°

— BIKE

— WATER

WILDSIDE ZONING?
H2O MGT.



Entrance Bike Path



Bike path connection to river



Down by the River

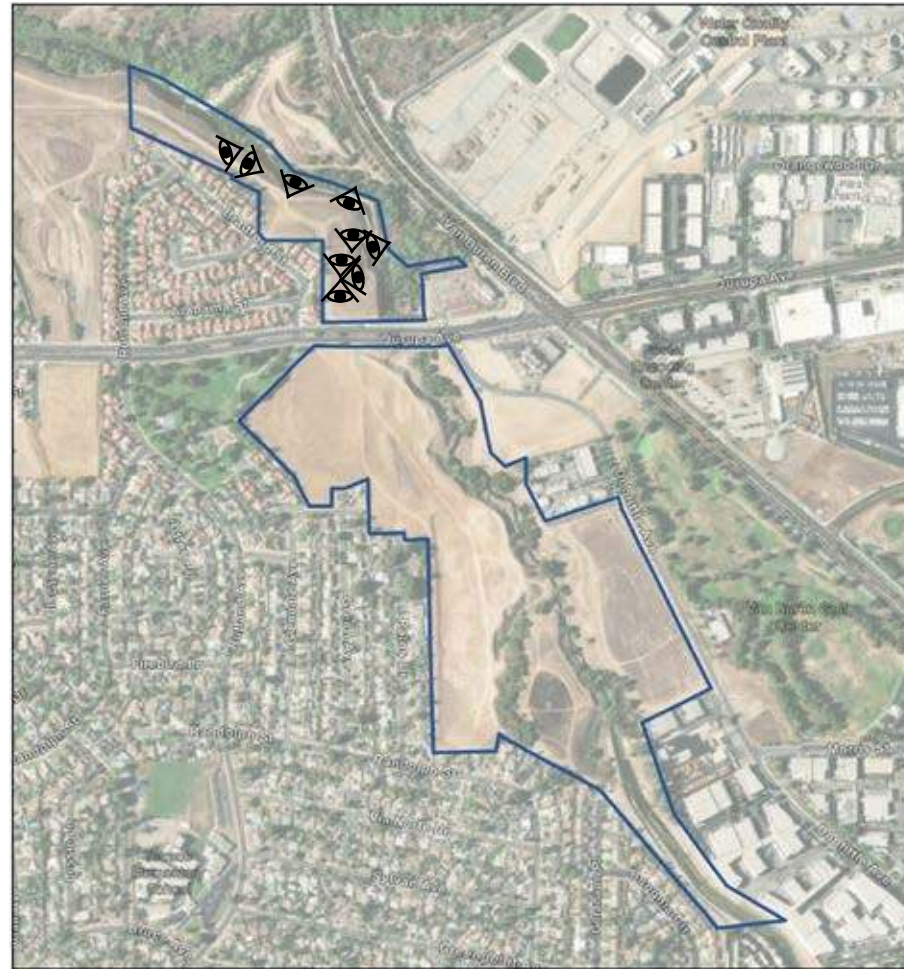


View from the top



A steep slope

North Side



Winding path



Terracing



Santa Ana River Trail



Rutting



River Trail



Culvert



Steep at property line



Room for community involvement



Entrance outside property line



Main entrance to north site

North Side



Unsavoury Activities



Closed off to residents



Residential area



Santa Ana River just outside LOW



Residential

South Side



Empty Field



Urban Slobber



Slope to Water



Native Plants



Cool Shade



Water Under the Bridge



Down to the Lake



Wide Open Spaces

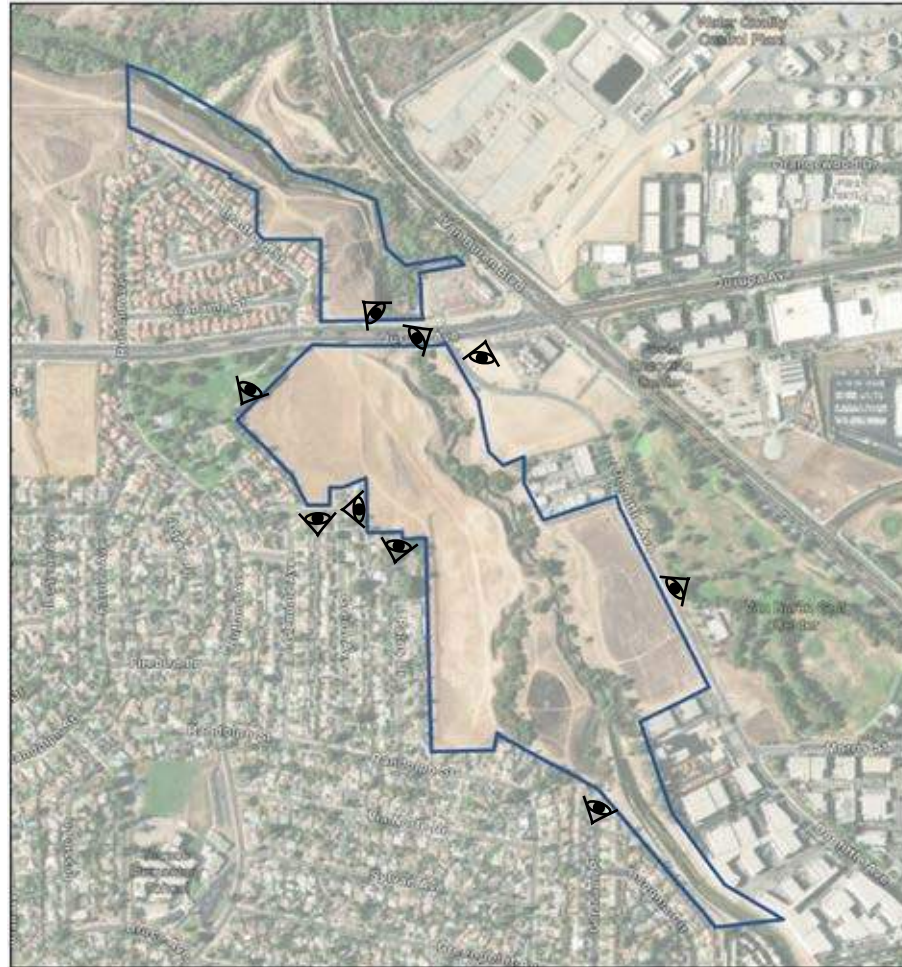


View Towards Airport



Ecological Area

South Side



View



Somebody had to say it...



Tall tower, keep out.



Access without ACCESS



Jurupa Ave no crossing



Park to site



No entry



Wide parkway



NO entry



Restrictions at edge



Storm Drain right near edge



Park to Site



Residential Parking



Problem with the Pipes



Storm Drain



Tot Lot



Exercise Equipment Dog Friendly



Lots of Shade and Lawn



People Play Basketball



Shaded Group Picnic

Devil's Claw
(*Proboscidea parviflora*)



[https://calscape.org/plant/Proboscidea-parviflora-\(Doubleclaw\)/gallery](https://calscape.org/plant/Proboscidea-parviflora-(Doubleclaw)/gallery)
Textiles, food, medicine.

Tule
(*Schoenoplectus sp*)



[https://calscape.org/plant/Schoenoplectus-americanus-\(Olney's-Bulrush\)-2/gallery](https://calscape.org/plant/Schoenoplectus-americanus-(Olney's-Bulrush)-2/gallery)
Textiles

Juncus
(*Juncus sp*)



[https://calscape.org/plant/Juncus-mexicanus-\(Mexican-Rush\)/gallery](https://calscape.org/plant/Juncus-mexicanus-(Mexican-Rush)/gallery)
Used for textiles, remediation

Rosy Aranada, Cahuilla/Serrano mentioned wanting these plants in particular and ACCESS TO WATER

Elderberry
(*Sambucus sp*)



[https://calscape.org/plant/Sambucus-mexicana-\(Blue-Elderberry\)/gallery](https://calscape.org/plant/Sambucus-mexicana-(Blue-Elderberry)/gallery)
Used for food, medicine, textiles

Chaparral Yucca
(*Hesperoyucca whipplei*)



[https://calscape.org/plant/Hesperoyucca-whipplei-\(Chaparral-Yucca\)/gallery](https://calscape.org/plant/Hesperoyucca-whipplei-(Chaparral-Yucca)/gallery)
Used for textiles

Cattail sp
(*Typha sp*)



[https://calscape.org/plant/Typha-latifolia-\(Broadleaf-Cattail\)/gallery](https://calscape.org/plant/Typha-latifolia-(Broadleaf-Cattail)/gallery)
Used for food, medicine, textiles, remediation

Constraints



01 No access in south side



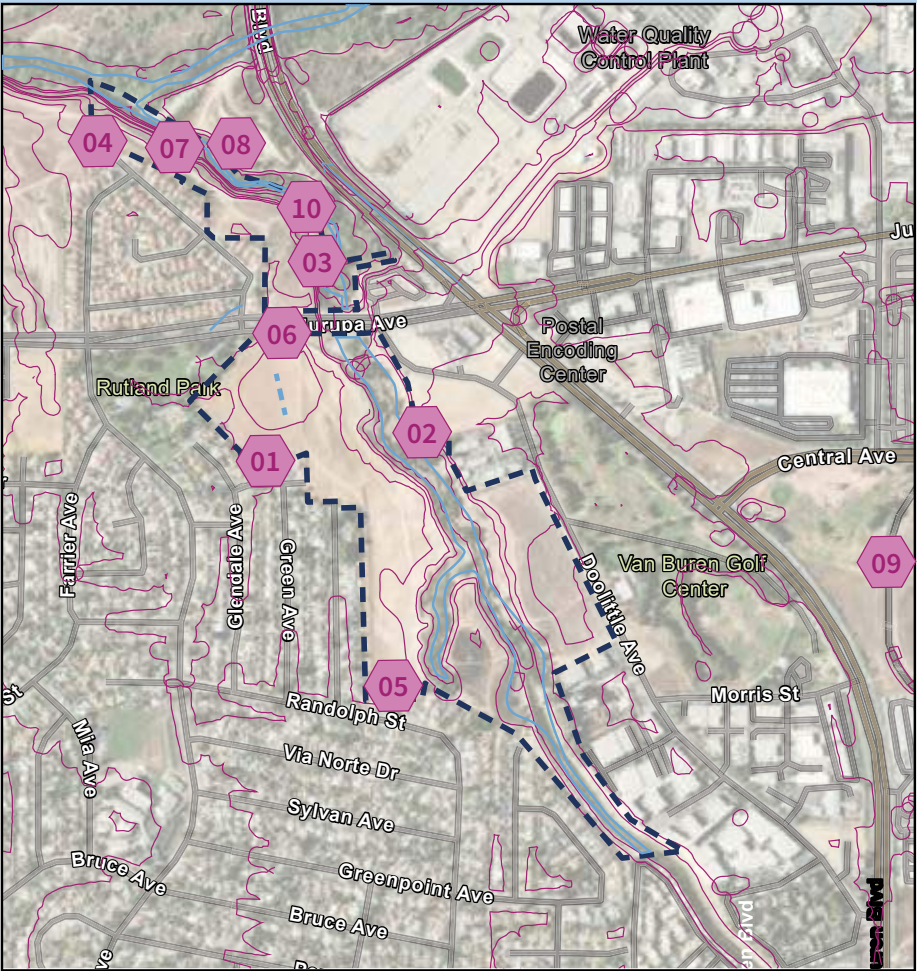
02 No access to water



03 Sheet erosion



04 Erosion will continue if unchecked.



05 No safe connection over Jurupa Ave



06 Lack of connection



07 Airport rules and flyovers



09 Invasive plants

Opportunities



- 01 Gathering area with a view, set back from path.



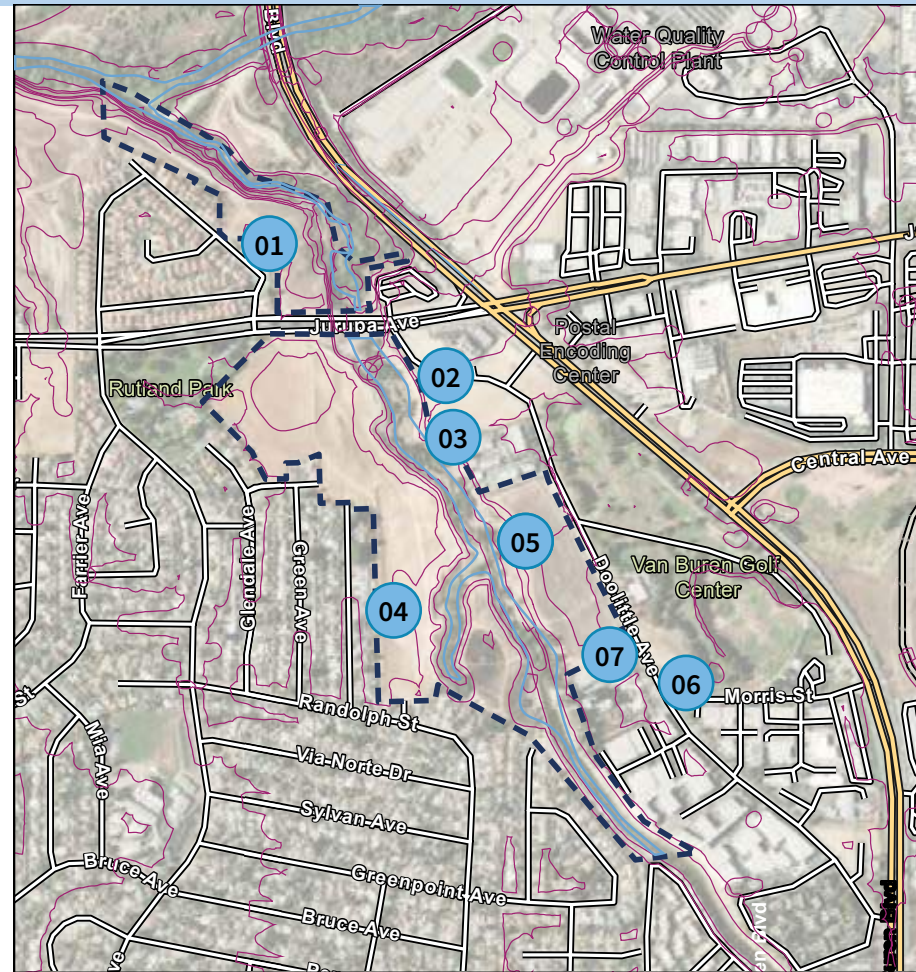
- 02 Erosion control plants and mulch



- 03 Bicycle and pedestrian bridge



- 04 Orchard plants for food sovereignty



- 05 Bridge across river



- 06 Wide flat area prime for active space.



- 07 Terraced paths and boardwalks.

Sitewide

Involve indigenous voices

Listen to the land, see what is already growing

Precedents

Size: 202 acres

Location: 54000 Riverside County Playground Rd, Idyllwild-Pine Cove, CA 92549 Riverside County, Ca.

Context: Natural/Wilderness, Rural. Approx .5 mile from downtown Idyllwild-Pine Cove

Project Type: Public park, campgrounds, open space



Features:

- 88 camping sites
- Hiking Trails
- Biking allowed on trails
- Walking Trails
- Fishing lakes nearby
- Picnic area
- Fire/grill rings (be mindful of fire hazard warnings)
- Restrooms
- Coin operated showers
- Pet Friendly (on leash)
- Potable water nearby sites
- Nature center (additional fee required)
- Special events
- Weddings
- Native habitat and biodiversity
- Some accessible campsites and trails
- Dump station available

Synthesis and reflections:

Idyllwild Regional Park and the Hole Lake Site are both in Riverside county. While IRP is more rural/wild, it is well maintained and offers programming for individuals, families, day visitors, and camping. There are educational opportunities as well as a chance to connect with nature. It is also a source of revenue (camping, special events), which is what Riverside County is looking for in the Hole Lake site.

1. Idyllwild Regional Park



Precedents

Size: 41 Units

Location: Baldwin Park, CA

Context: “We must never forget that these individuals deserve a second chance. While we may not know the circumstances that led them to where they are, any one of us, or our family and friends, could face difficult times. Always treat our unhoused neighbors with respect and support those who seek the opportunity to begin again.” Alejandra Avila, Mayor of Baldwin Park

Project Type: Interim housing development and social services.

Features:

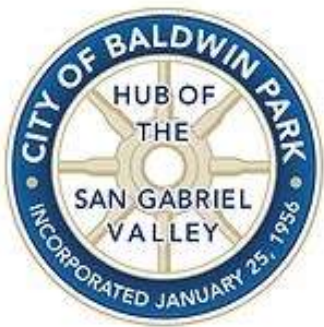
- Operated by Volunteers of America Los Angeles (VOALA) and City Net
- 3 meals a day
- Pet friendly Policies
- ADA-compliant with multi-lingual services
- On-site laundry, restroom, kitchen and showers.
- LED solar lighting
- Low-flow fixtures and eco-insulated pods
- Water conscious native landscaping and stormwater capture.



Baldwin Park Homelessness Initiative

Results and Impact:

- Wraparound services, including case management,
- Mental health support and housing navigation.
- In the five years since Esperanza Village and subsequently Serenity Homes opened, Baldwin Park has achieved an 80% reduction in homelessness from 556 down to 108.



Synthesis and reflections: These housing developments offer a safe and effective way for people to transition from being unhoused to productive members who are able to live in permanent housing. They are provided with special care, food, case workers, educational opportunities, and more. This is an excellent template for helping RivCo help its unhoused population, especially those who are already living along the Santa Ana River.

Precedents

Esperanza Villa

Size: 25 Units

Location: 14173 Garvey Ave. Baldwin Park, CA

Project Type: Interim housing development and social services for individuals.

Funding: 1.3 Million provided by the San Gabriel Valley Regional Housing Trust. \$530,000 for construction plus one year of operating costs.

Features:

- 25 private, single bed units.



Results and Impact:

- Annually serves over 25 individuals, 50% of which are senior
- Supports individuals' well-being and personal growth throughout their transition to permanent housing
- Successfully placed 78 individuals into permanent housing.

Baldwin Park Homelessness Initiative

Serenti Homes

Size: 25 Units

Location: 13167 Garvey Ave. Baldwin Park, CA 91706

Project Type: Interim housing development social services, and educational resources for families.

Funding:

- SGVRHT: \$1,250,000, State Earmark
- (Capital and operations)
- City of Baldwin Park: \$399,882.86,
- American Rescue Plan Act (capital and operations), Los Angeles Homeless Services Authority (LAHSA): \$478,080 (operations)
- TOTAL: \$2.12 Million:

Features:

- 16 climate-controlled family living units
- On-site child friendly play areas, computer room will facilitate homework and job training.



Results and Impact:

- Annually serves around 16 families
- Preserves family unity and child development during housing transition
- Has successfully placed 28 families into permanent housing.

Size: Approximately 12 acres

Location: 400 Morton Blvd. Modesto, CA, 95354

Context: Industrial

Project Type: “Neighborhood Park without a Neighborhood.”

Cost to Operate: approx. \$25, 000/month

Opening year: 2018



Features:

- Already in decline and able to serve a community need
- Over the 10 years before the land was donated, it was in a state of decline.
- Within 5 months of opening, the park went from 12 tents to enough to house over 300 campers.
- Partnerships to meet immediate and basic needs of the homeless population:
- Stanislaus county. Faith based orgs, homelessness advocates, and more.
- Was supposed to be a temporary solution while city created plan to address homelessness.
- Needed to add portable restrooms, security.

Modesto Outdoor Emergency Shelter (MOES):

- Cost:\$212, 803
- Lessons learned at the park helped to meet the community needs in a more organized and better way.
- Water services, temporary fencing, toilets, hand washing stations, parking, mulch ground cover, security lighting and cameras, storage and office area, matching, uniform tents.
- Public access for emergency services more viable than at the park. Donated tents, salvation army, private security, and others. Homeless services on site.
- Downtown Streets Team hires homeless individuals.
- Runtime: 6 months.
- Challenges: Enforcing rules, such as keeping all belongings in tent.
- Housed families as well, keeping children safe was a challenge



Beard Brook Park Overview

Brick and Mortar:

- Moved population at MOES to a 182 bed indoor shelter operated by Salvation Army. Pet-friendly
- Challenges: some of the homeless population as resistant to moving to a controlled environment, more space to store belongings, other reasons such as mental health.
- Salvation Army provides 156 beds with Berberian Shelter.
- 338 adult beds

Kansas House:

- City purchased hotel, cleaned it up for use as more permanent housing. Hotel rooms into studio apartments. 103 total units. On site case management.
- Setup at park, MOES, and brick and mortar shelter only 3 steps in the plan for permanent housing.



Housing Continuum



Synthesis and reflections:

People are living in dangerous areas without protection or services. Modesto seemed to have done the best with what they had and I think they made good use of the park. This is also a good example of organizations working together to help people.

Size: 169 acres; 2.3 miles long.

Location: 105 Sabine Street to Shephard Drive

Houston, Texas 77007

Context: Single and multi-family housing, retail, commercial, education, office, hospitality.

Project Type: Park/Open space, Waterfront redevelopment

Designer: SWA Group

Budget: \$58 Million

Completion Date: 2015



Features:

1. Environmental

- Due to custom designed site fixtures and furnishing, was able to withstand major flooding and avoided nearly \$2 million in damages from Hurricane Harvey
- Due to installation of coir lifts, was able to avoid estimated \$736,000 in flood repair costs from Hurricane Harvey.
- Habitat: 25% of park coverage-53% newly-planted native groundcovers and shrubs provide fruit and seed sources for wildlife; 63% nectar source for, 27% habitat source of which 23% are for “special value” for native pollinators.
- Sequesters 9.19 tons of atmospheric carbon.
- Intercepts 84,000 gallons of stormwater runoff annually in 9,824 newly-planted trees

2. Social

- Provides additional and improved park access for over 21,000 households within half a mile. Demographics: 8.1% live in poverty, 36% minorities, 5.8% people with disabilities.
- Self-reports of decrease in: stress, asthma and general poor health.
- Improved quality of life and sense of well being.
- Through Historic Cistern Tours, 30,000 people were provided educational and cultural opportunities. Educates visitors about how to protect the bayou from flooding.
- Visually connects park users to downtown Houston.



3. Economic

- Reduced maintenance cost by 54% by not needing a mower.
- Increased median property tax revenue for owner-occupied homes by 13% in surrounding census tracts from 2013-2017. Harris county as a whole only reported 7%.
- Increased investment by more than \$2 dollars within a 3-block radius from 2013-2019



Synthesis and reflections:

Buffalo Bayou Park has many great features that can be tailored to Hole Lake. With a harsher climate, we need to start thinking about strategies that are used in areas that experience heavier rainfall in a shorter period of time. With an alarming decline in biodiversity mainly due to human activity/development, we also need to provide more habitat for wildlife.

Precedents

Size: 6 acres

Location: 225 S. Union St. Westfield, Indiana 46074

Context: Single and multi-family housing, retail, commercial

Project Type: Park/Open space, Stream restoration

Designer: David Rubin Land Collective

Budget: \$35 Million

Completion Date: May 2022



Features:

1. Environmental

Creates healthier soil ecosystem.

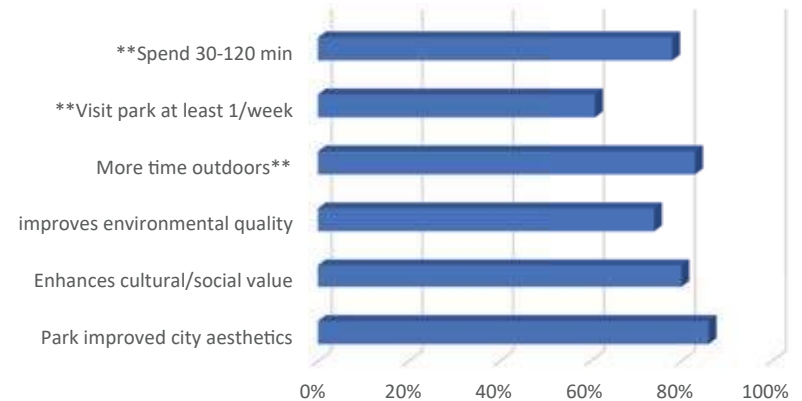
- Provides an estimated additional 65,737 cu ft of storage capacity. This helps to slow water flow and increase retention, minimizing flooding.
- Supports habitat for 51 bird species, 13 of which had not been recorded prior to 2019. Nearby birding spots also saw an increase of bird species, which could be due to the habitat that is provided at the park.
- Over 3 year study showed the park provides habitat for at least 9 observed fish and amphibian species.
- 80,280 sq ft of riparian woodland and wetland habitat. 83% native plant species, 20% specific pollinator value, 54% provides habitat and foraging, 56% larval hosts, 48% significant erosion control.

Grand Junction Park and Plaza

2. Social

- Provides 17 different physical and recreational programs for all age groups.
- Surveyed visitors report feeling “overjoyed,” “happy and relaxed,” or “tranquil.”
- Decreases noise levels by average of 14.4 decibels in the area adjacent to union street and the Wetland Amphitheater within the park.
- Increase public site lines of creek by 560%.
- 2,316 linear feet ADA-compliant trails along riparian corridor
- Provides sense of community and place for residents and has become a defining feature of their identity.

Visitor Interviews





3. Economic

- Contributed to 96% average increase in assessed property values within ½ mile between 2029-2025 compared to a 51% increase in surrounding areas.
- By supporting \$125 million in applied investments and \$364 in proposed investments within ½ mile of site, Grand Junction Park and Plaza contributed to Westfield's economic development. This includes 1,204 housing units and over 309,000 of commercial, real estate, and office space.
- 2,316 linear feet ADA-compliant trails along riparian corridor
- Provides sense of community and place for residents and has become a defining feature of their identity.



Synthesis and reflections:

Grand Junction Park and Plaza has had a profound positive impact on the community. It was previously a flood-prone area with underutilized open spaces and is now a multi-use habitat park with integrated stormwater management, minimizing flooding which helps the surrounding residents. It combine natural ecology, stormwater management, and a people forward approach. With opportunities to increase not only private revenue, the city and state also benefit from taxes on goods sold at the farmer's market. This park is an excellent example of humans working with nature to benefit everybody.



Idyllwild Regional Park: Wildlife



Esperanza Villa/Serenity Homes: Stability



Beard Brook Park: First Steps



Buffalo Bayou Park: Bridges

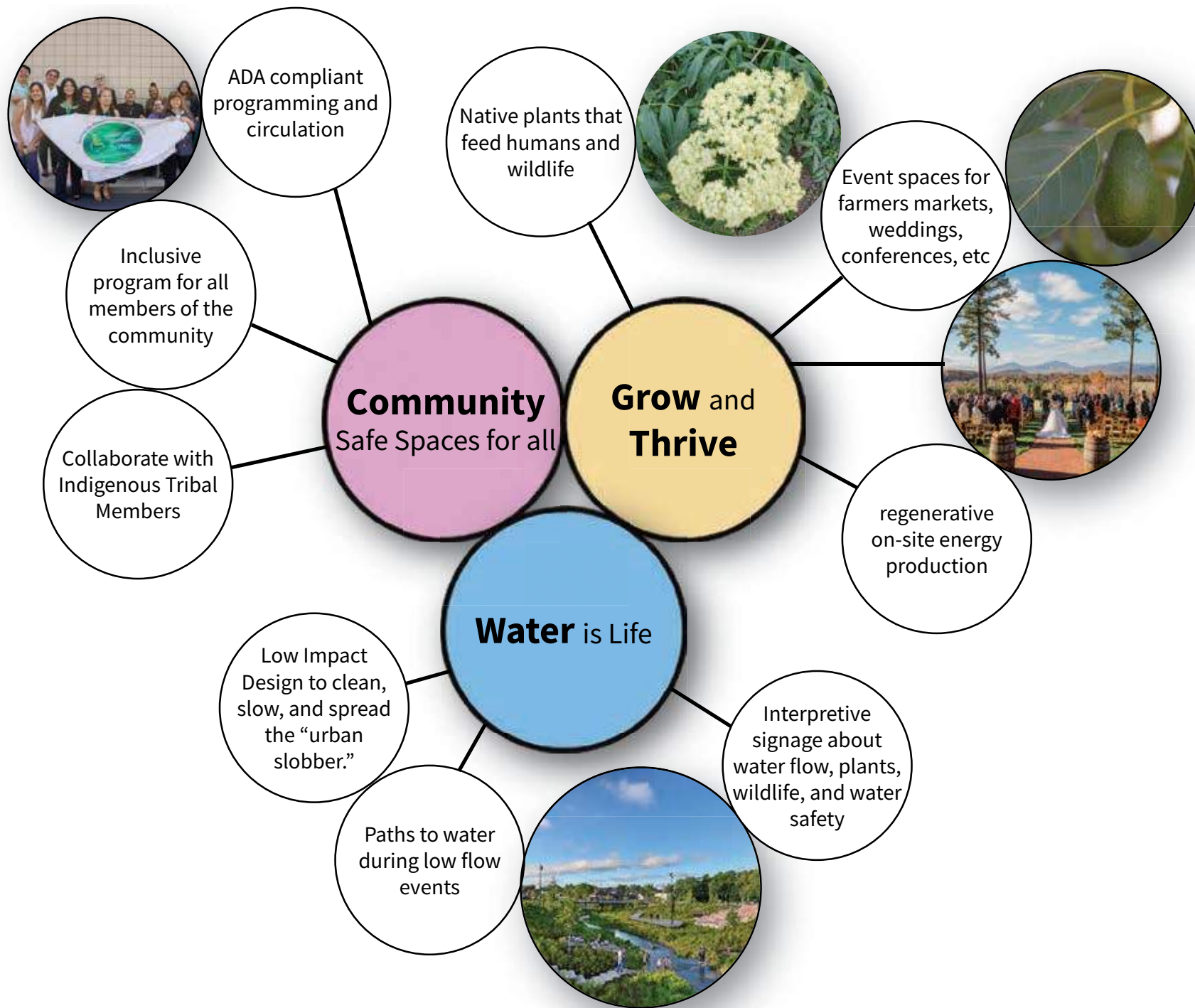


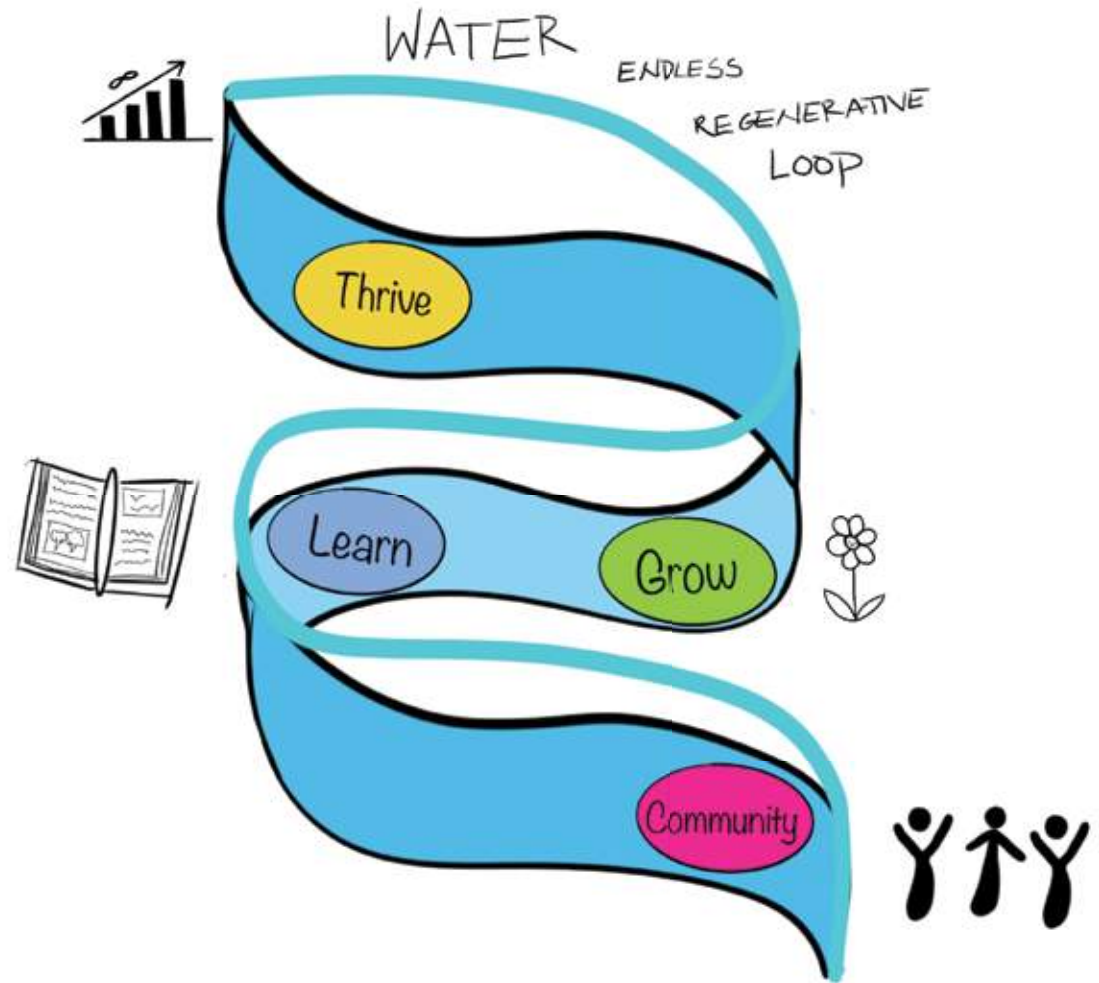
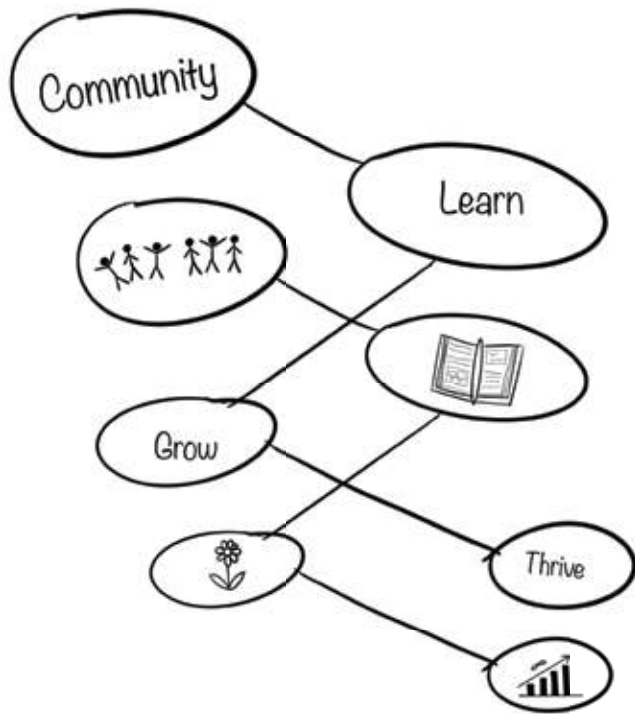
Grand Junction Park and Plaza: Restoration

Synthesis and reflections:

There is a lot to consider; people, wildlife, water quality, restoration, habitat etc. I think these precedents each address one or more of these issues and I would like to use them in my concept development. There is enough space (77 acres) to have tiny homes and other programs for the unhoused to find their place and space while still creating habitat and stormwater management. One thing I especially like is how Buffalo Bayou and Grand Junction Parks have displayed an increase in economic productivity for their respective communities. They have also increased the overall health and well being for all creatures who reside or pass through their parks.

Goals and Objectives





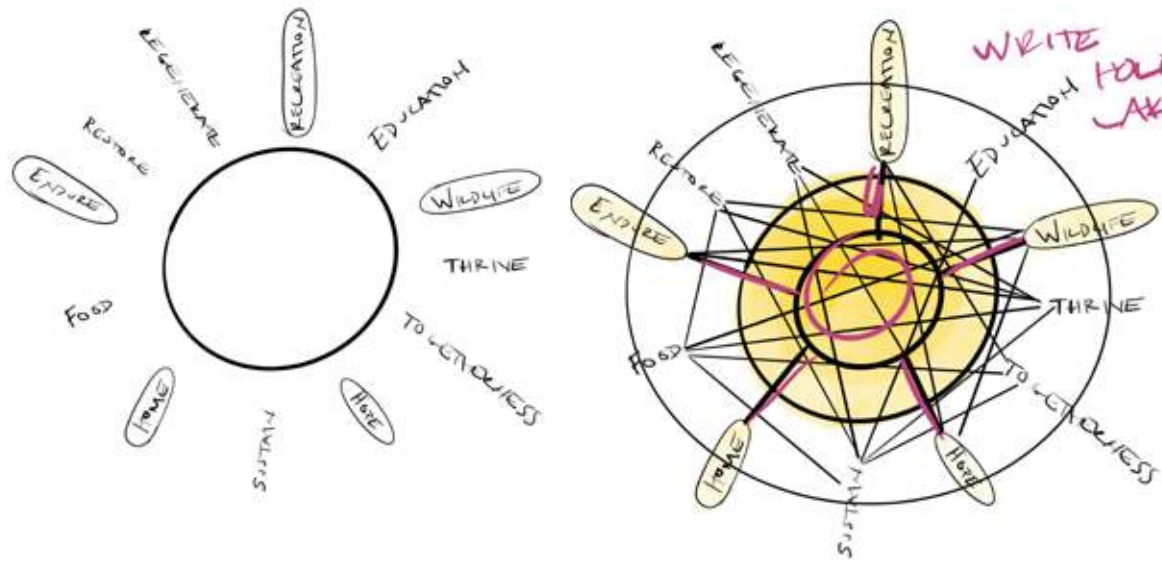
Simple Solutions...

The context of the airport, erosion, and fragmented ecosystems compound the complexity of what and how we can design. Sometimes the most effective principles and practices are the most simple. Life is complicated but solutions do not have to be. Following a sequence of ideas from community to learning to growth with the end result being to **THRIVE**

... Made Simple

Through something as simple as water, we can connect the 4 principals. These 4 principals are what is needed to clean and conserve water. With water, these 4 principals becomes an endless, regenerative cycle that can sustain generations to come.

"It is very satisfying to take a problem we thought difficult and find a simple solution. The best solutions area always simple."
~Ivan Sutherland

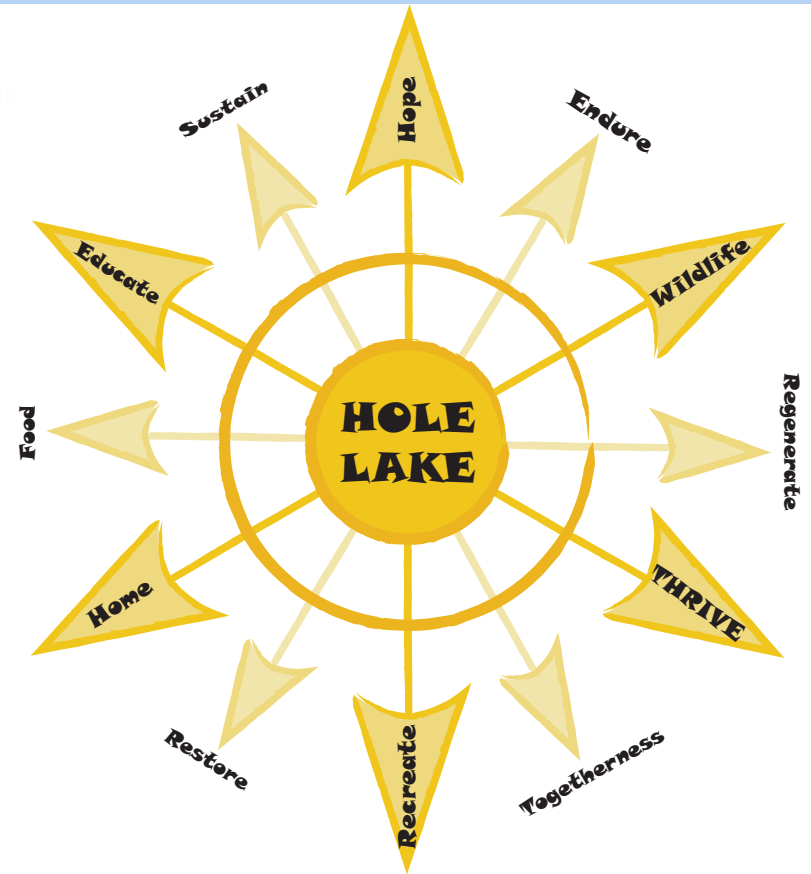


"When the sun is shining I can do anything; no mountain is too high, no trouble too difficult to overcome."

~Wilma Rudolph

Sun Power

It is almost always sunny in Riverside. What if we harnessed the power of the sun not just for active solar energy, but to fuel development, recreation, wildlife, hope, home, and endurance? Everything is connected with the sun at the center of it all.



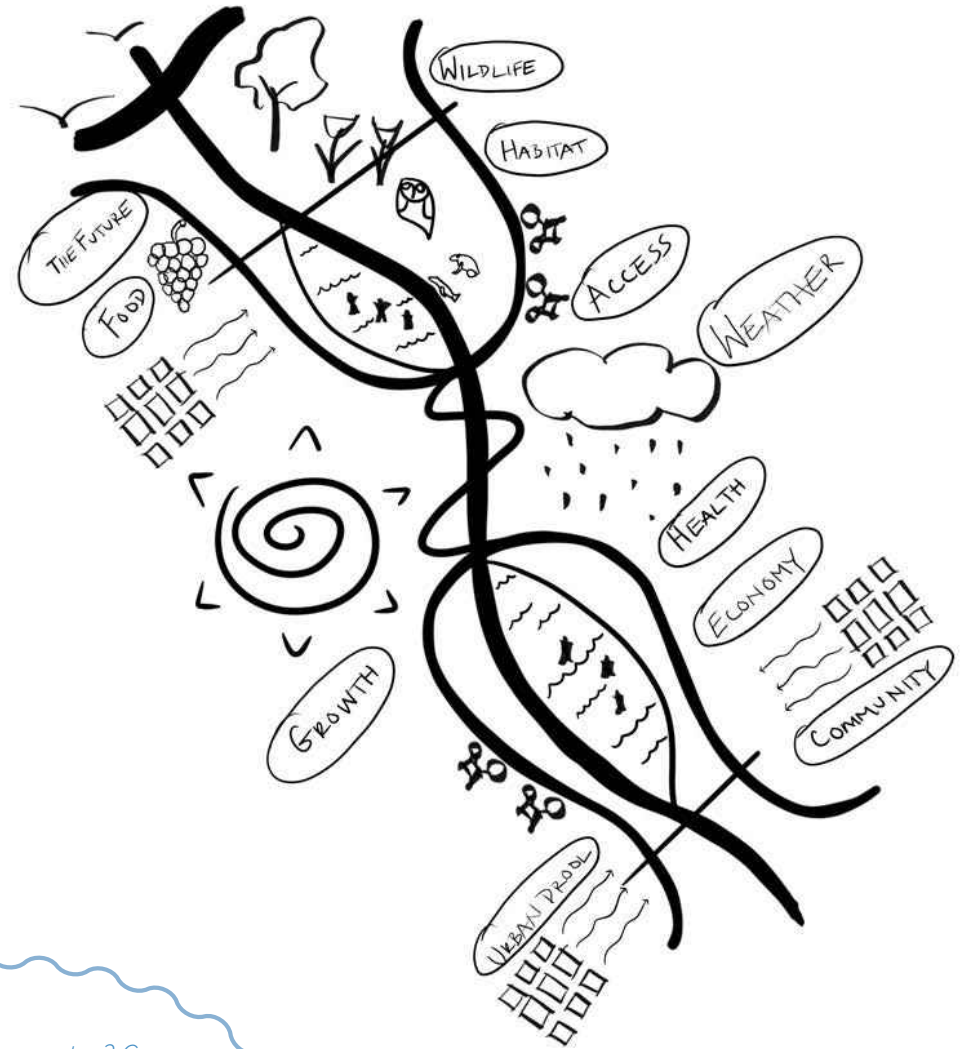
At Hole Lake, We Can Do it All!

Hole Lake as the Sun

Everything is possible at Hole Lake, and the system is designed to meet the needs of the **WHOLE** community. *Home, Recreate, Educate, Hope, Wildlife, Thrive*, these are all connected and part of a greater picture of similarly interconnected themes that depend upon but also fuel these principals and **HOLE LAKE**

WATER EFFECTS

FOOD
REGULATION
NATURE
WILDLIFE
ECONOMY
HEALTH
THE FUTURE



Water is Life

There is a lot of pollution (*Urban Drool*) coming off the surrounding area. This effects our health, food, wildlife, and vegetation. There are endangered species who rely on clean water to live and don't have the luxury of treatment plants and plumbing. Water needs to be respected more, and I would like for my site to help people do that.

Can we afford clean water? Can we afford rivers and lakes and streams and oceans which continue to make possible this planet? Can we afford life itself? Those questions were never asked as we destroyed the waters of our nation, and they deserve no answers as we finally move to restore and renew them. These questions answer themselves.

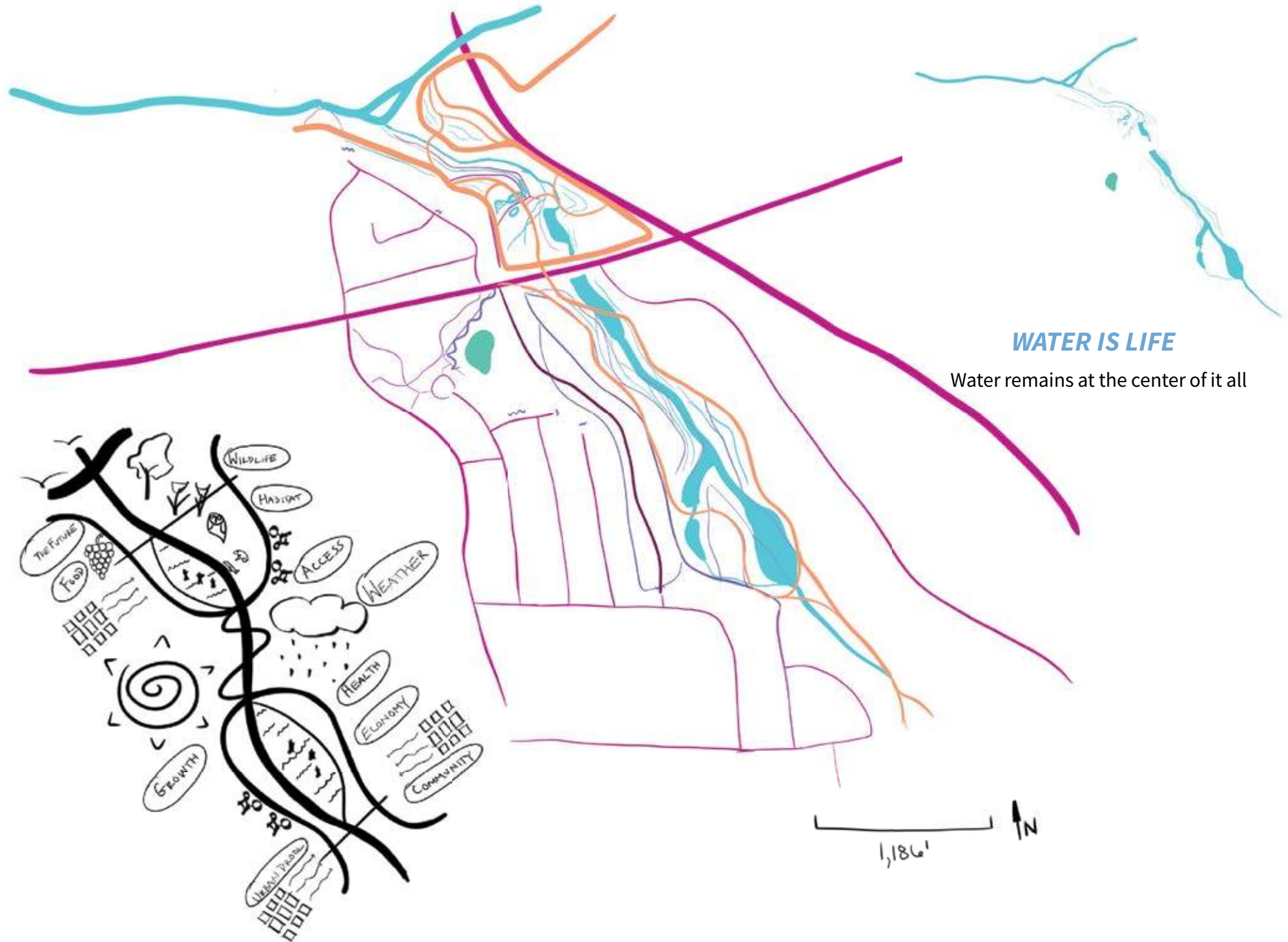
~Edmond Muskie

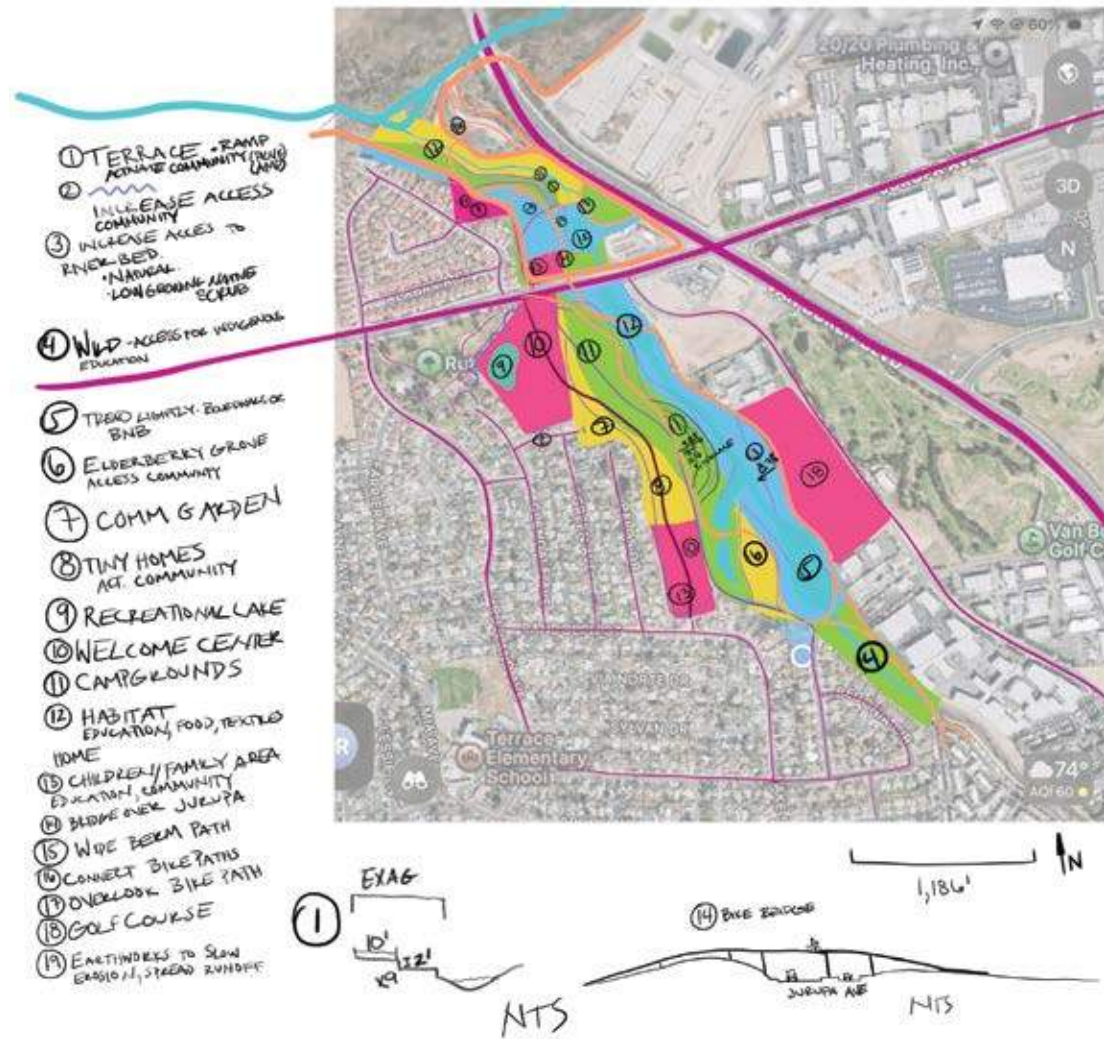
Using Water to Heal

Water connects all things, living and not. It is the most powerful and most healing element. We can answer all the questions that Muskie posits if we reconnect to the water.

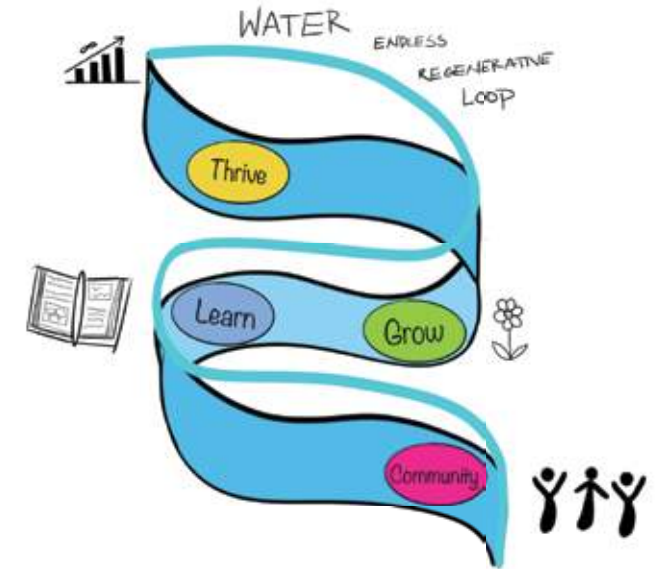
Rosy Aranada (Cahuilla/Serrano) would like more natural space closer to WATER, especially where they can gather goods for *basketweaving*

ITS NOT TOO LATE!

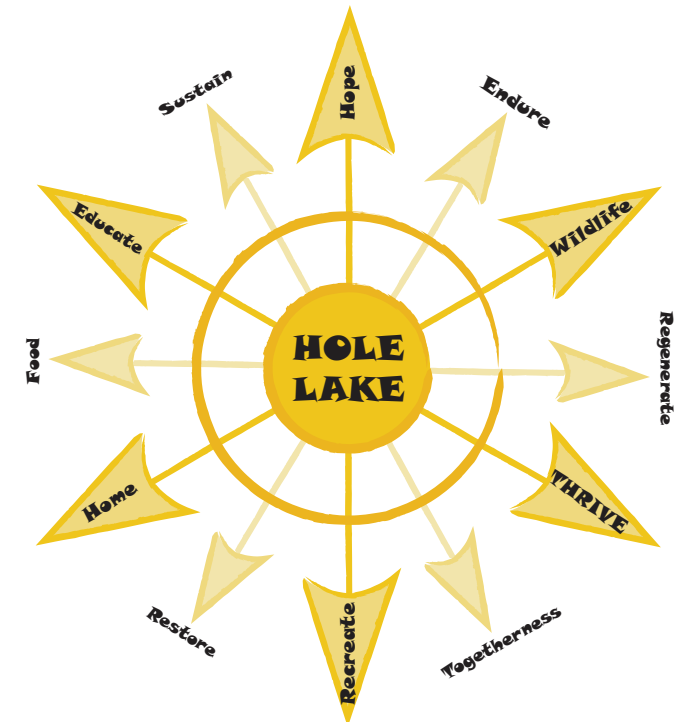




Design



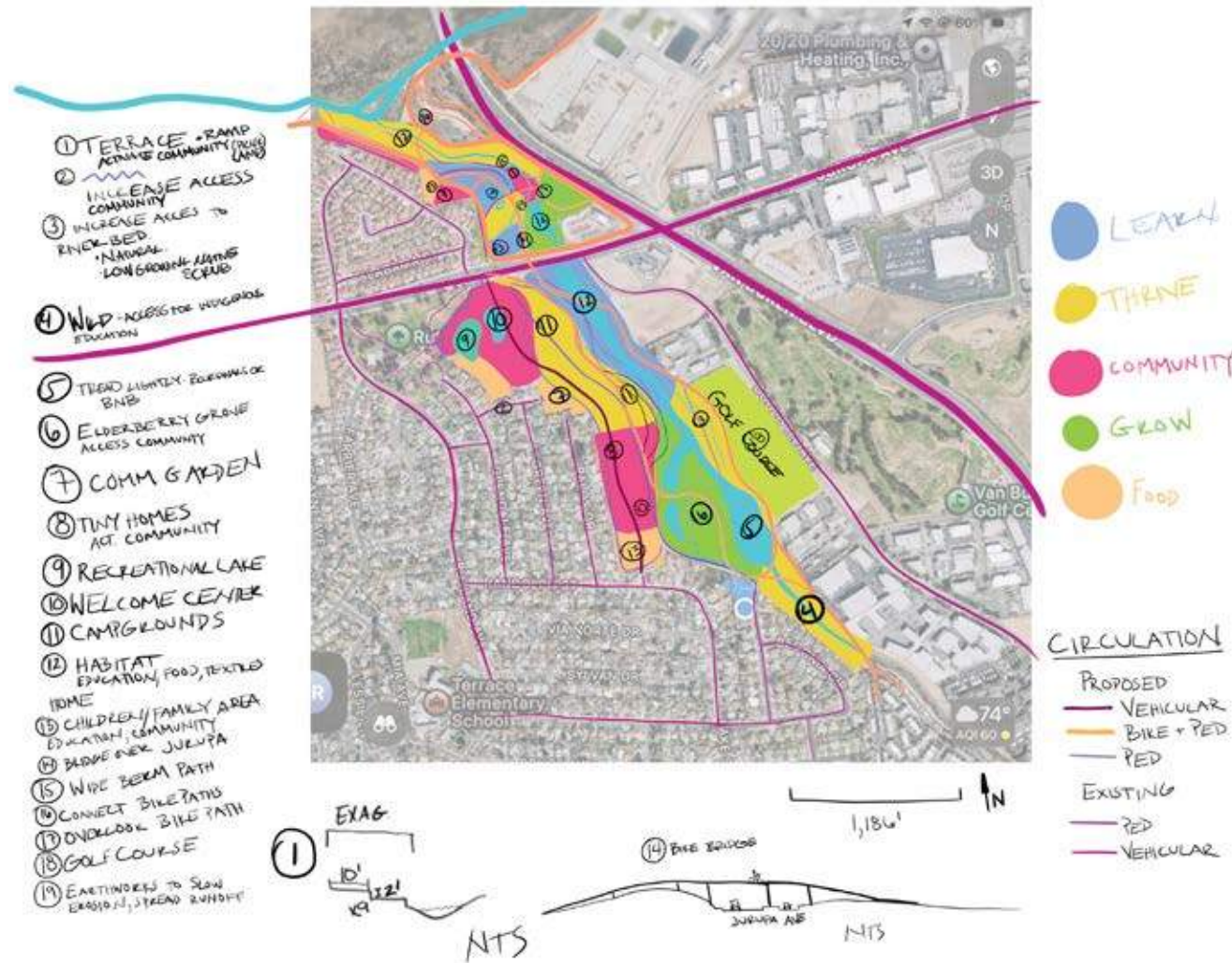
Programming



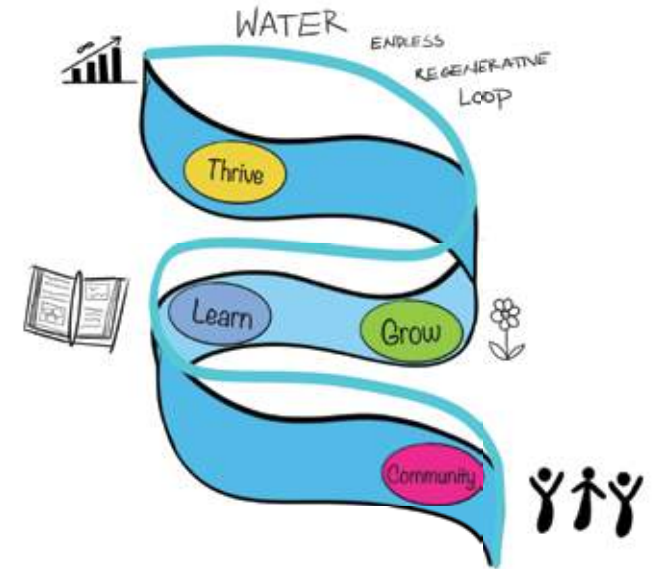
16. Connecting Overlook Bridge

Simple Solutions

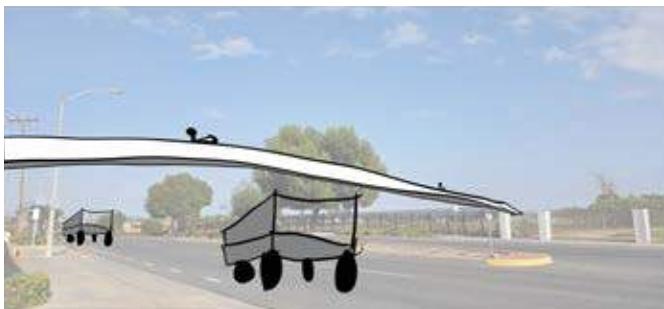
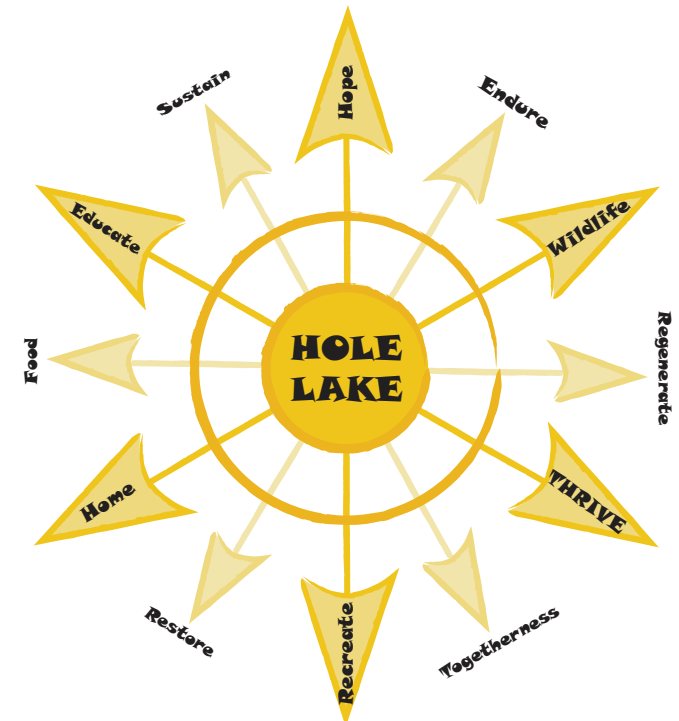
Programming inspired by Sun Power. Simple layout emphasizes simple connections between all things. Many of the elements really could go in any category.



Design



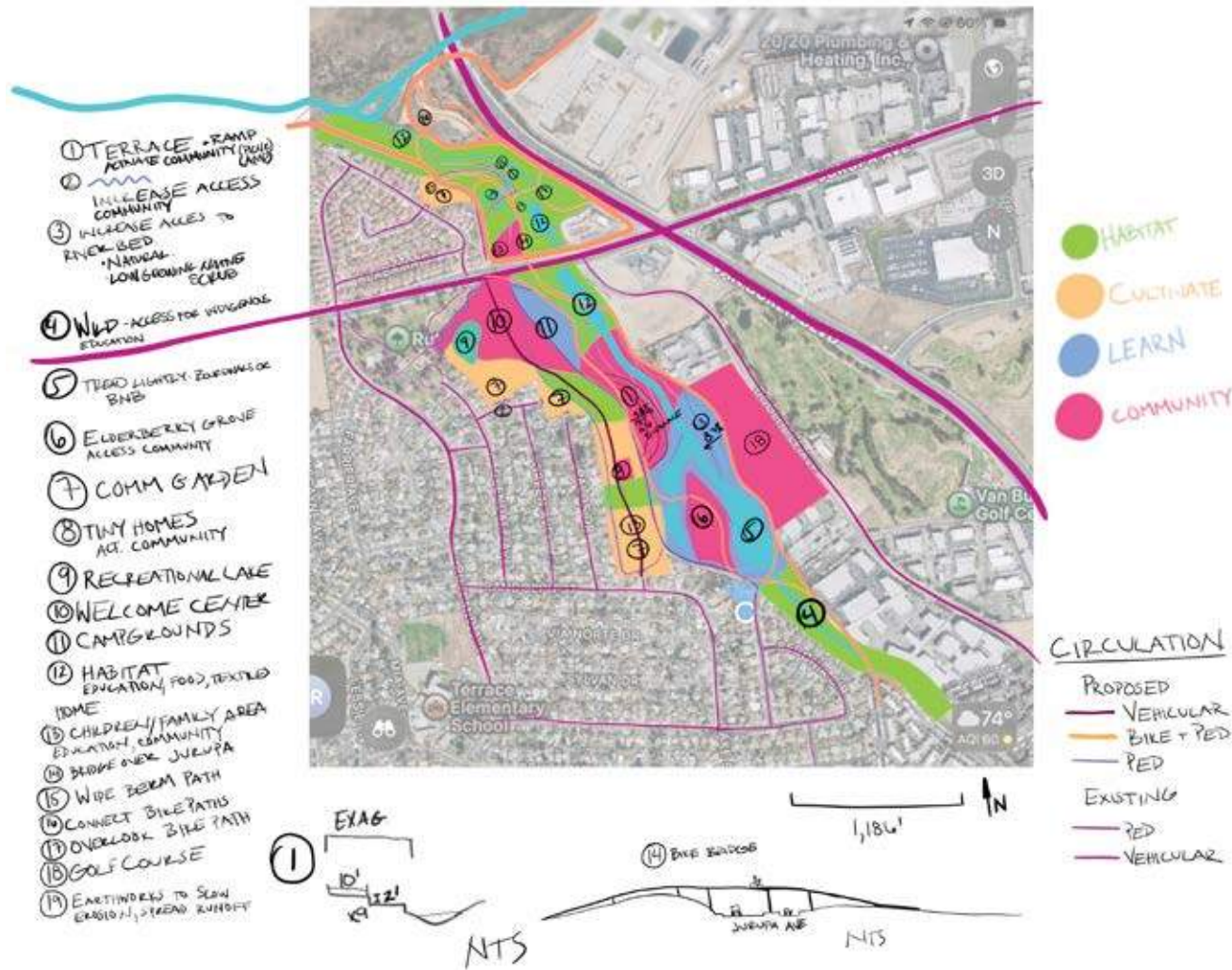
Programming



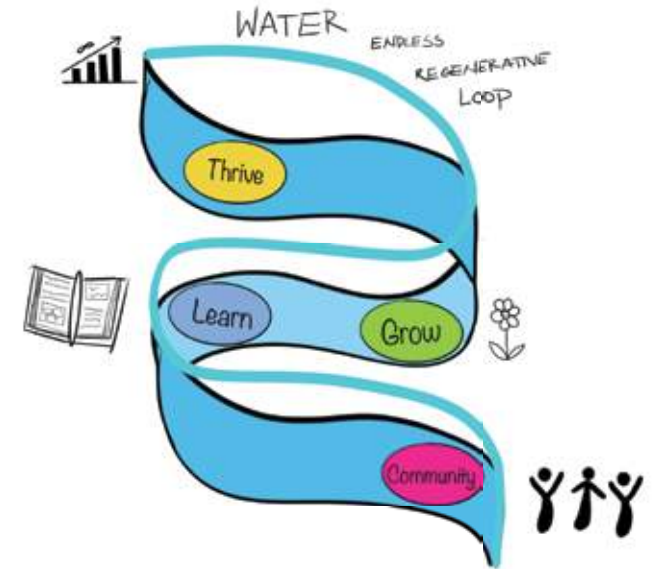
14. Bridge Over Jurupa

Trying Something Different

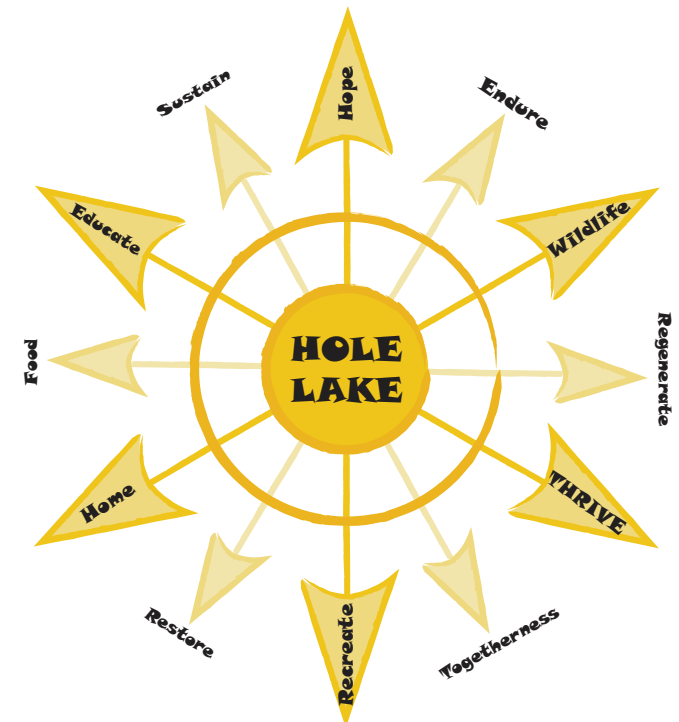
Adding "food" to the design emphasizes its importance with the rest, though I think I like it better with either thrive or grow.



Design



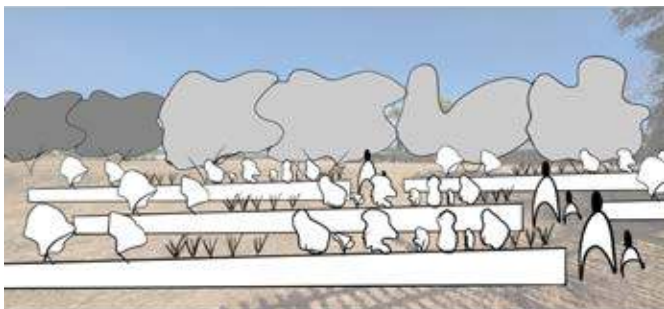
Programming



Simple Solutions to do it ALL

I replaced Thrive with Cultivate. in this regenerative space, we are always cultivating.

- Relationships
- Food
- Clean Water
- Education
- Hope
- Etc...



7. Community Food Forest

Hole Lake is a place where all community members are welcome and supported. There are many opportunities to connect to **communities, learn, grow, and thrive**. Simple solutions are designed to collect, clean, slow, spread, and sink rain and urban Water runoff, ensuring that we have clean and safe water in our watersheds.

There is a focus on local California Native plants which support humans and wildlife alike. With help from Indigenous People, other community members have a chance to connect to the land and learn the different uses and relationships with plants. Plants are maintained by being USED: textiles, dyes, food, medicine, etc. Solar panels and biodigesters allow energy production on site and all lights are dark sky compliant.

WELCOME TO HOLE LAKE, WHERE ANYTHING IS POSSIBLE!

Considerations

- Sediment basins and plants in general filter particulates.
- Raised bed food forests are easy to maintain for people of all abilities.
- Purple pipe irrigation.
- Orchards and food forests: some for direct residents, some to be sold at farmer's markets and restaurants.
- All trails are ADA accessible.
- Revenue: top golf, gift shop, vendor's fairs, space rental, special events, food sales,
- Food sales not limited to raw foods. Taxes generated from prepared foods made by locals.
- Native plants support people, wildlife, healthy sponge soils.
- Education centers for all disciplines. Focus on using resources on site and at home.
- Tiny homes + educational facilities give the unhoused a chance at self sufficiency. ***Teach a person to fish....***
- Indigenous human, plant, and wildlife communities up front.
- Respect for FAA guidelines within reason. Sparse and more considerate plantings directly in front of and around flight path. Justification to support biodiversity through ecological easement, what is already growing on site.

• **LOOK TO THE FUTURE!**

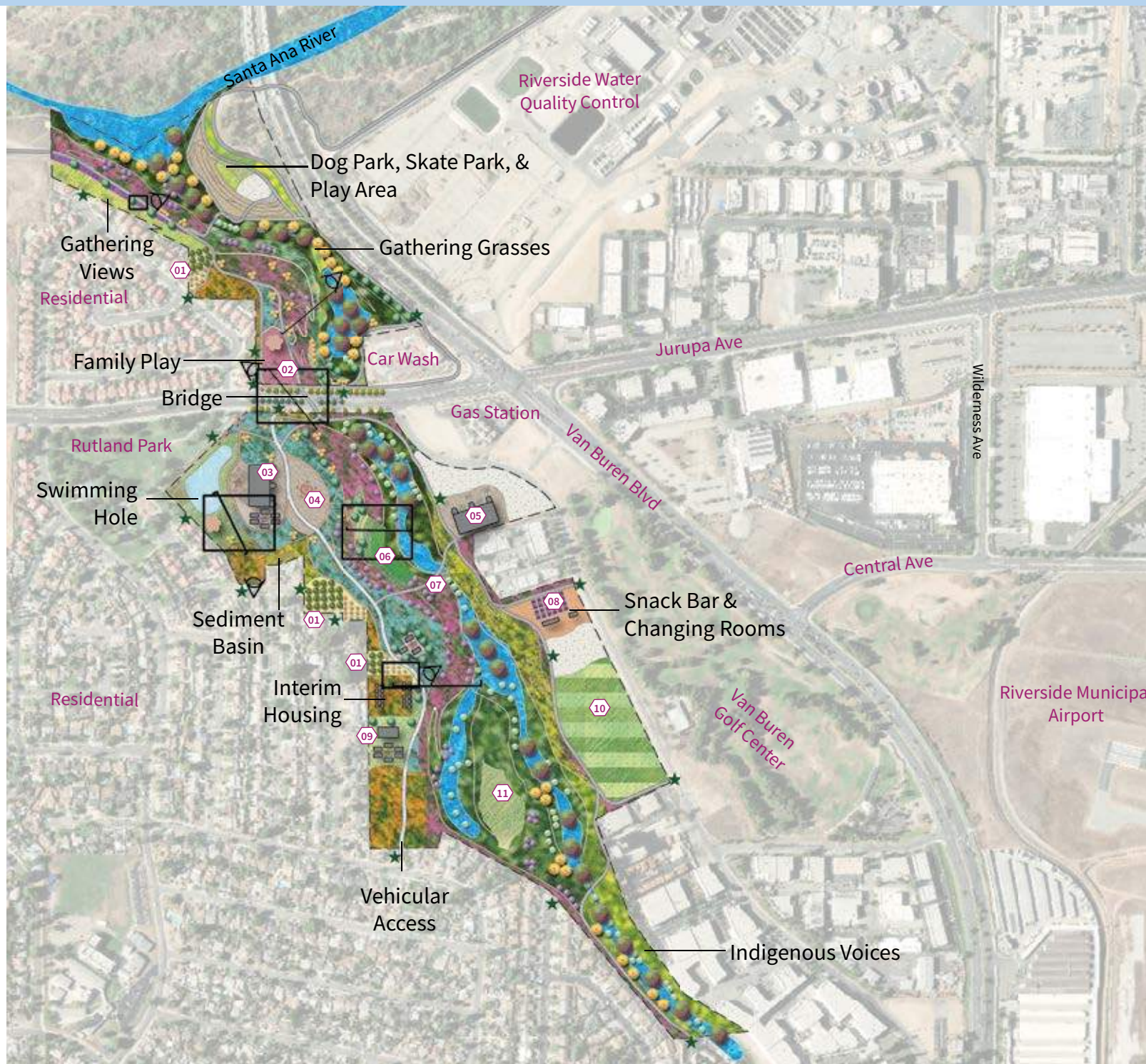
Inspiration



Inspiration



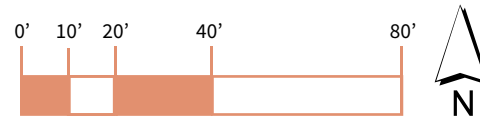
Conceptual Master Plan



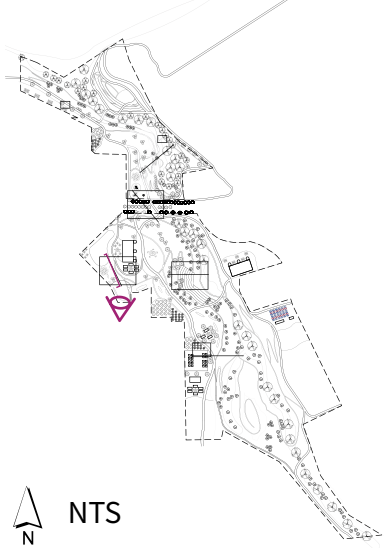


Welcome to the Community **CENTER**. This is where everyone meets to grow, learn, and thrive In the community center building there is a cafe, gift shop, art exhibits, rental spaces, and more. The learning center has kitchen facilities and other things needed to learn to grow and thrive.

The naturalistic swimming hole was specifically requested by the community and was designed in collaboration with California Waterscapes. The overflow from the swimming hole as well as roof runoff is filtered by the native grasses and sediment basin. The grass and surrounding plants are irrigated by purple pipes for conservation-wise landscaping.

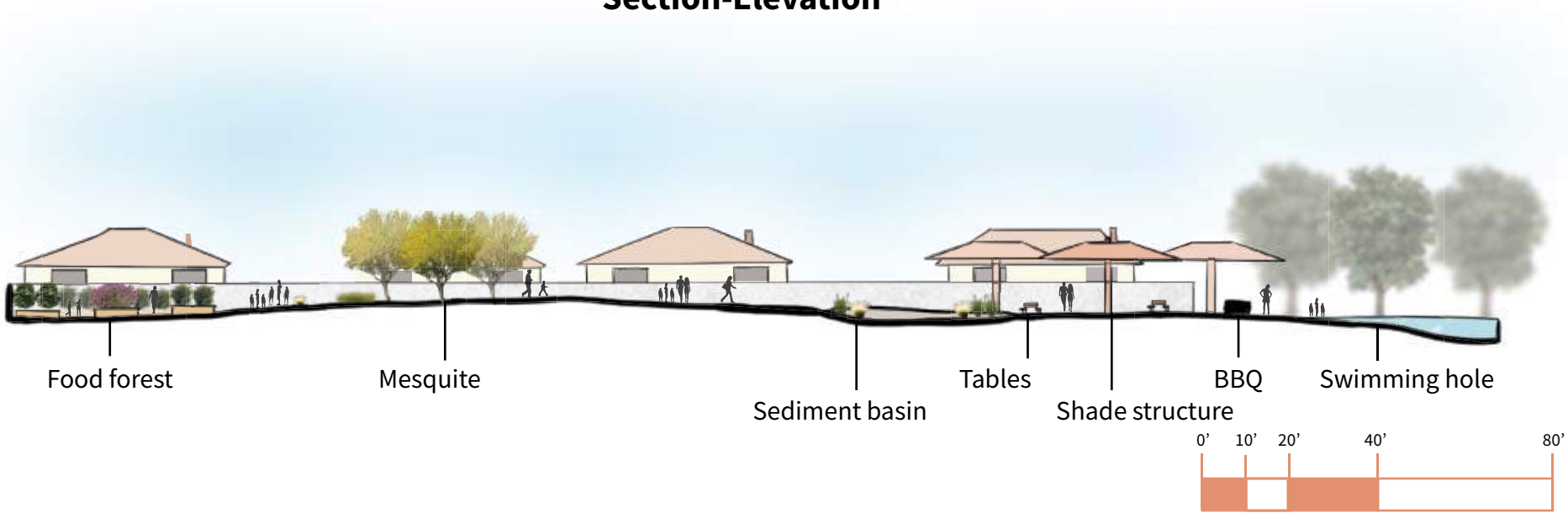


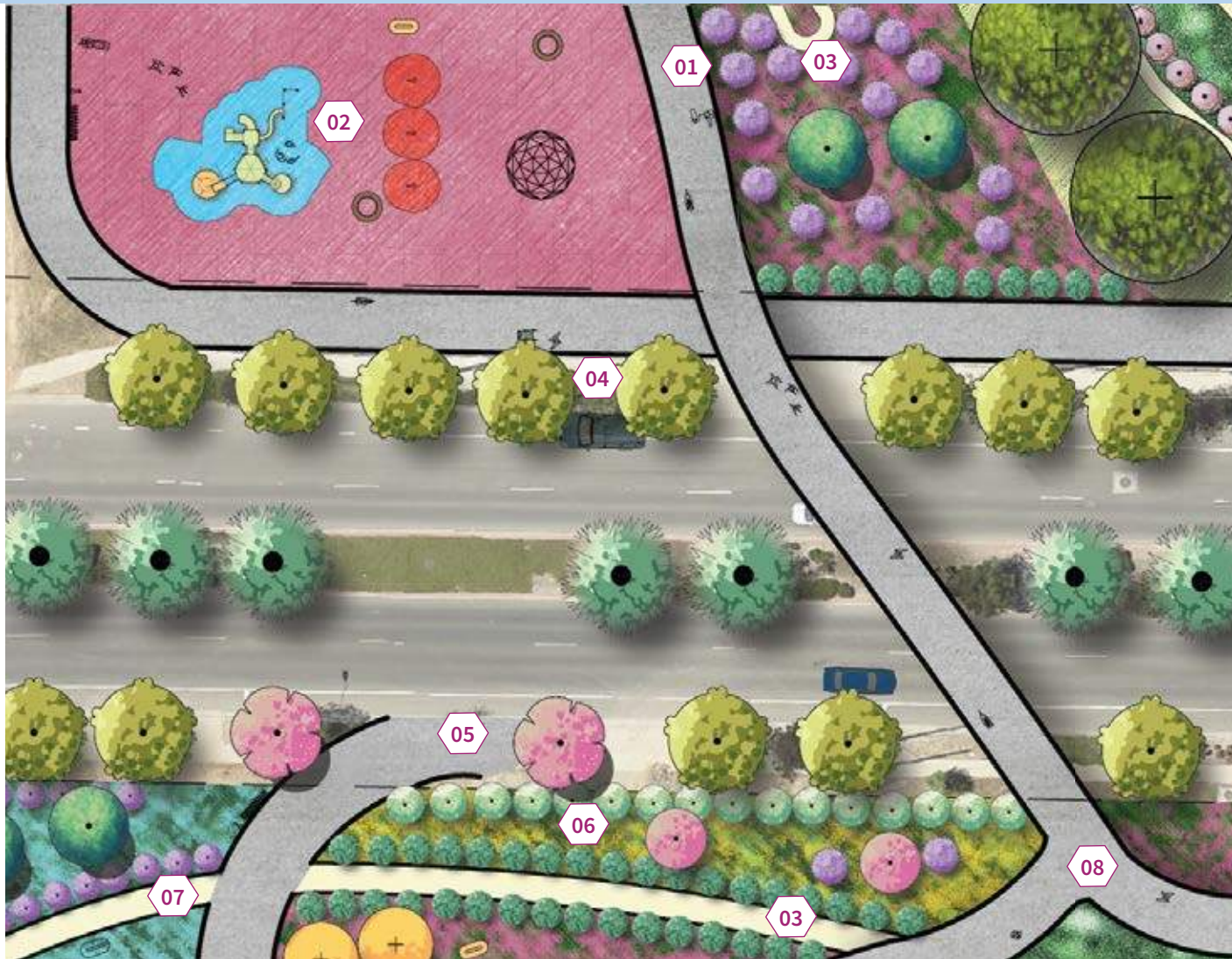
- | | | |
|------------------------------------|------------------------|--------------------|
| 01 Community Arts Center | 05 Native plant gather | 08 Sediment basin |
| 02 Kiosk, permeable paving, tables | 06 Swimming hole | 09 Shade structure |
| 03 Gathering learning | 07 BBQ, tables | 10 Food forest |
| 04 Solar roof | | |



Sketch: AI generated elements over photograph. Community run food forest and Community Center.

Section-Elevation





01 Bridge

02 Family play center

03 Trail to water

04 Native plant street-scaping

05 Entrance to park for municipal and emergency vehicles

06 Native plant buffer

07 Path to swimming hole

08 Bridge forks to community center and water.

N NTS

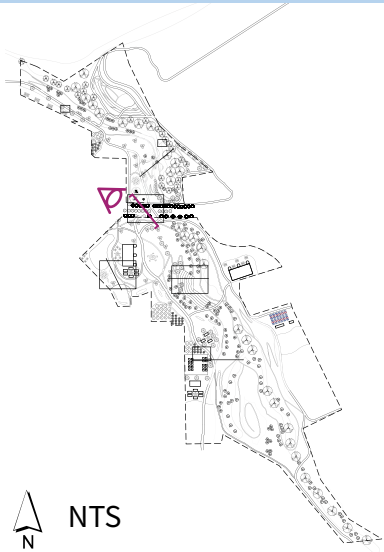


The north and south sides of Hole Lake are completely separated without even a crosswalk. The bridge is designed for cyclists and pedestrians and has a 5% or less slope for ease of travel. It forks on the south side of Jurupa Ave, offering users a choice between the Community Learning Center to the left or Hole Lake and amphitheater to the right.

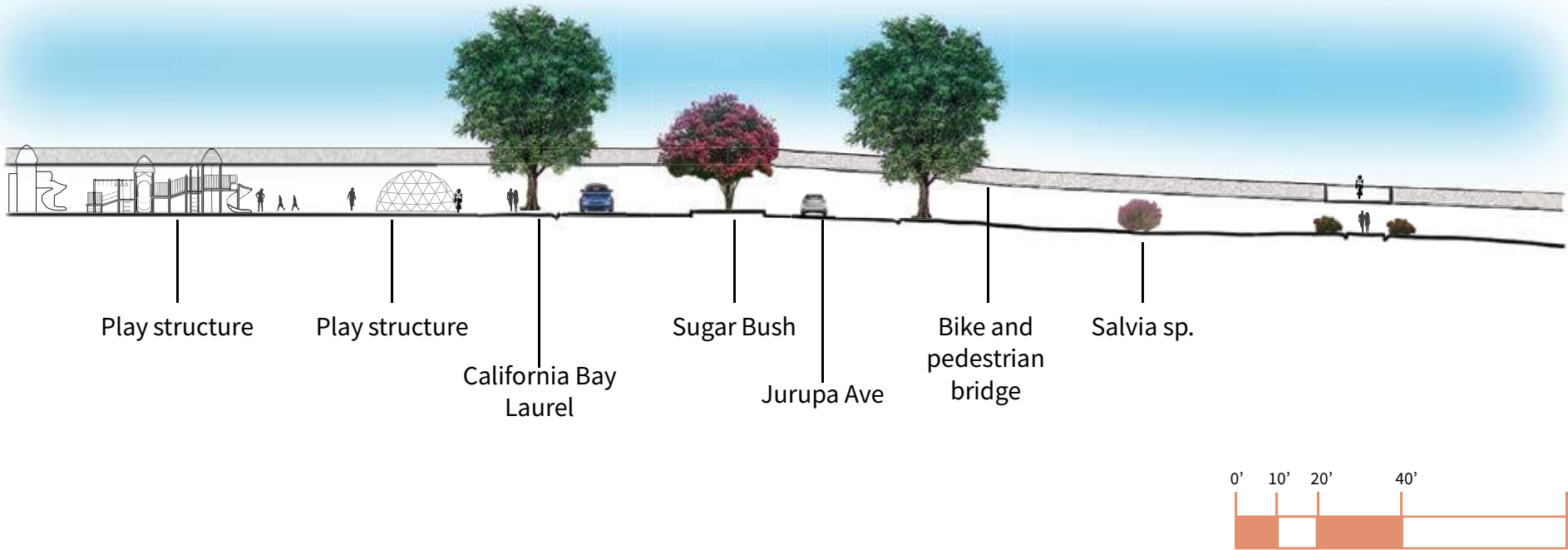
The family play area was specifically requested by members of the residential community.

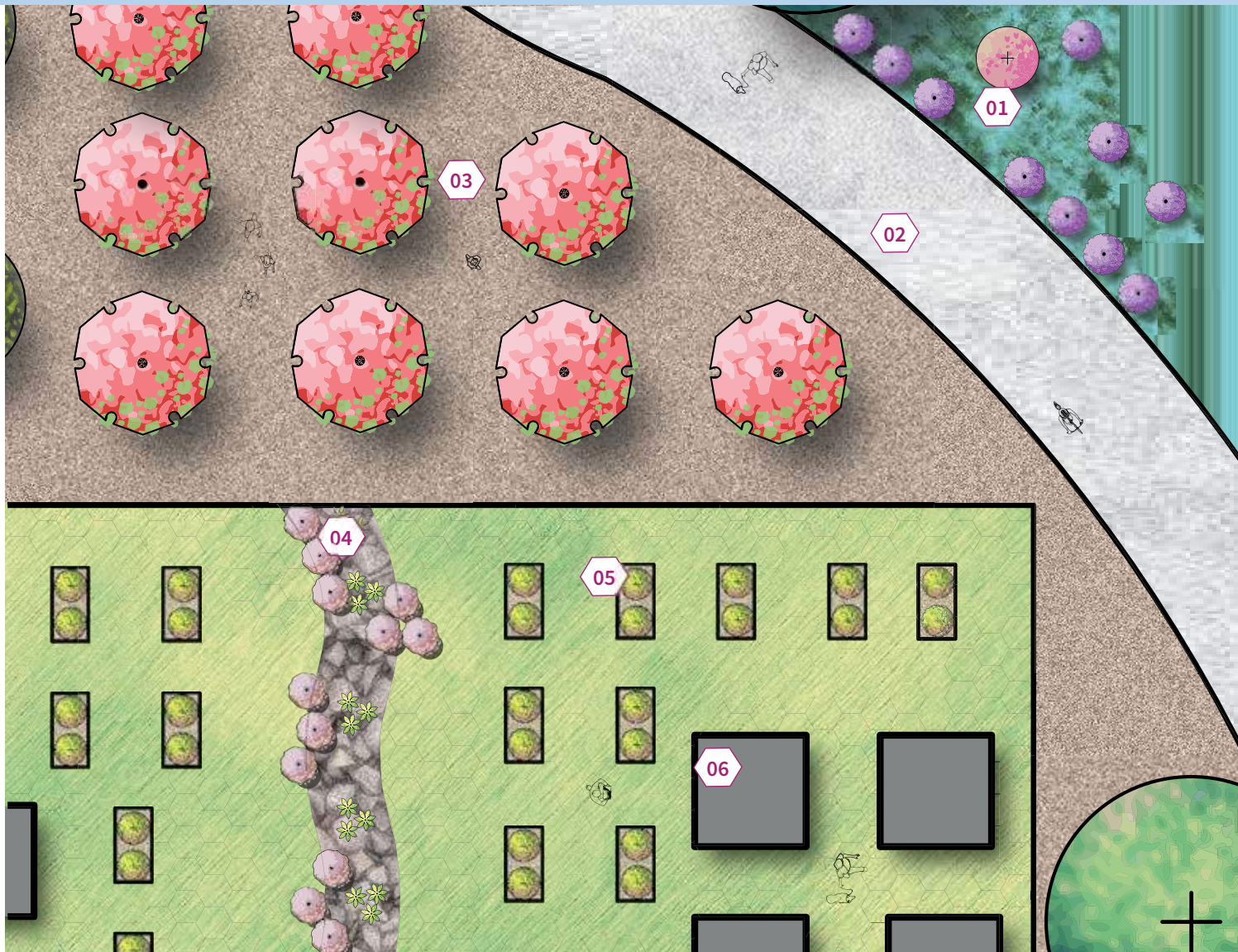


Sketch: AI generated elements over photograph. Playground and bridge connecting the south and north sides of Hole Lake.



Section-Elevation





This interim housing was placed and designed for people who are “housing challenged” to become self sufficient. With a native plant swale and close proximity to other natural areas of the park they can learn how to become good stewards. The raised vegetable beds and access to orchards teaches them food sovereignty as well as maintenance, propagation, etc. Having a roof over their heads will allow them to focus on learning, growing, and thriving.

01 Native plantings for erosion controls and other uses.

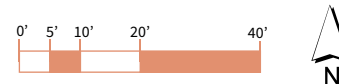
02 Main axis

03 Pomegranate orchard

04 Bio swale

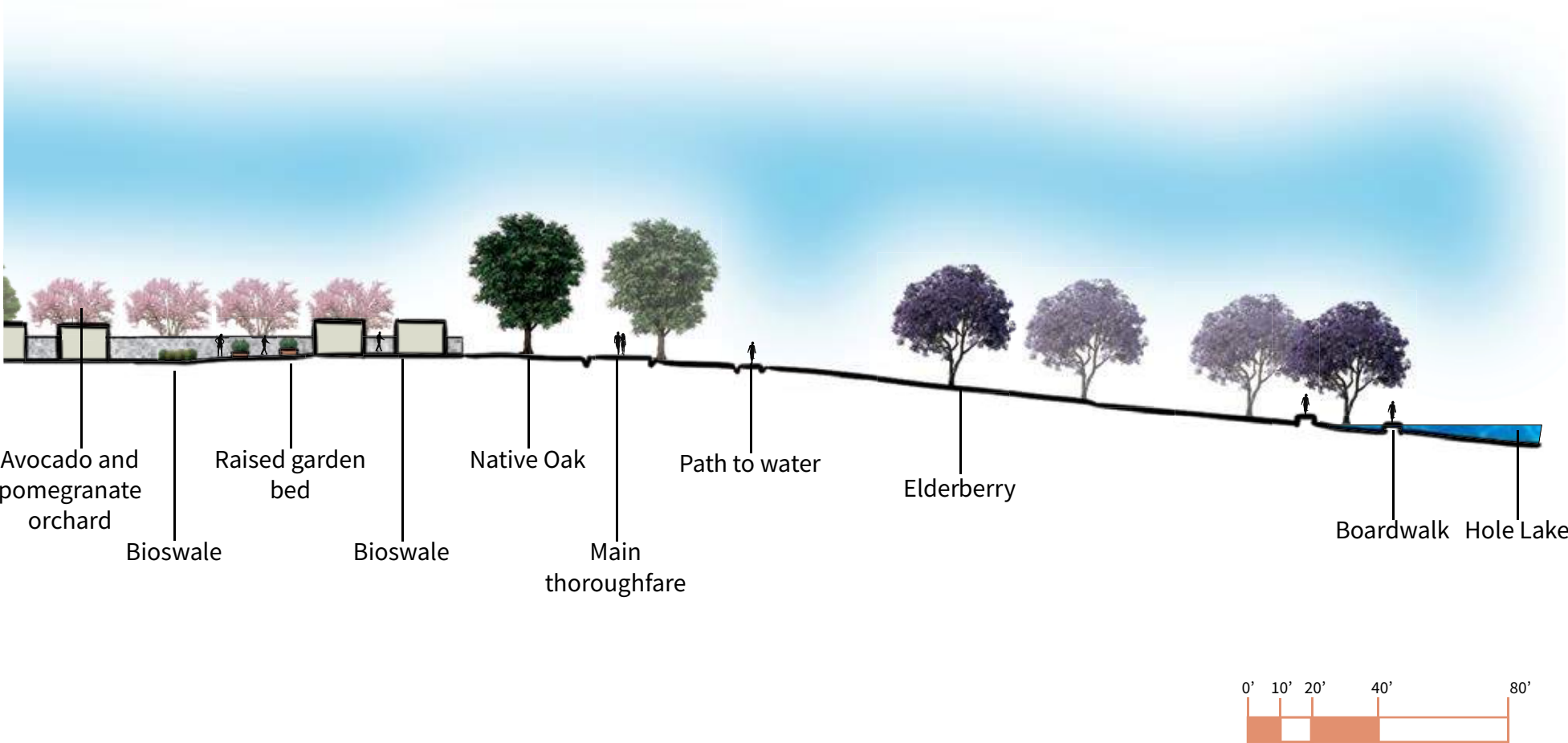
05 Raised vegetable beds

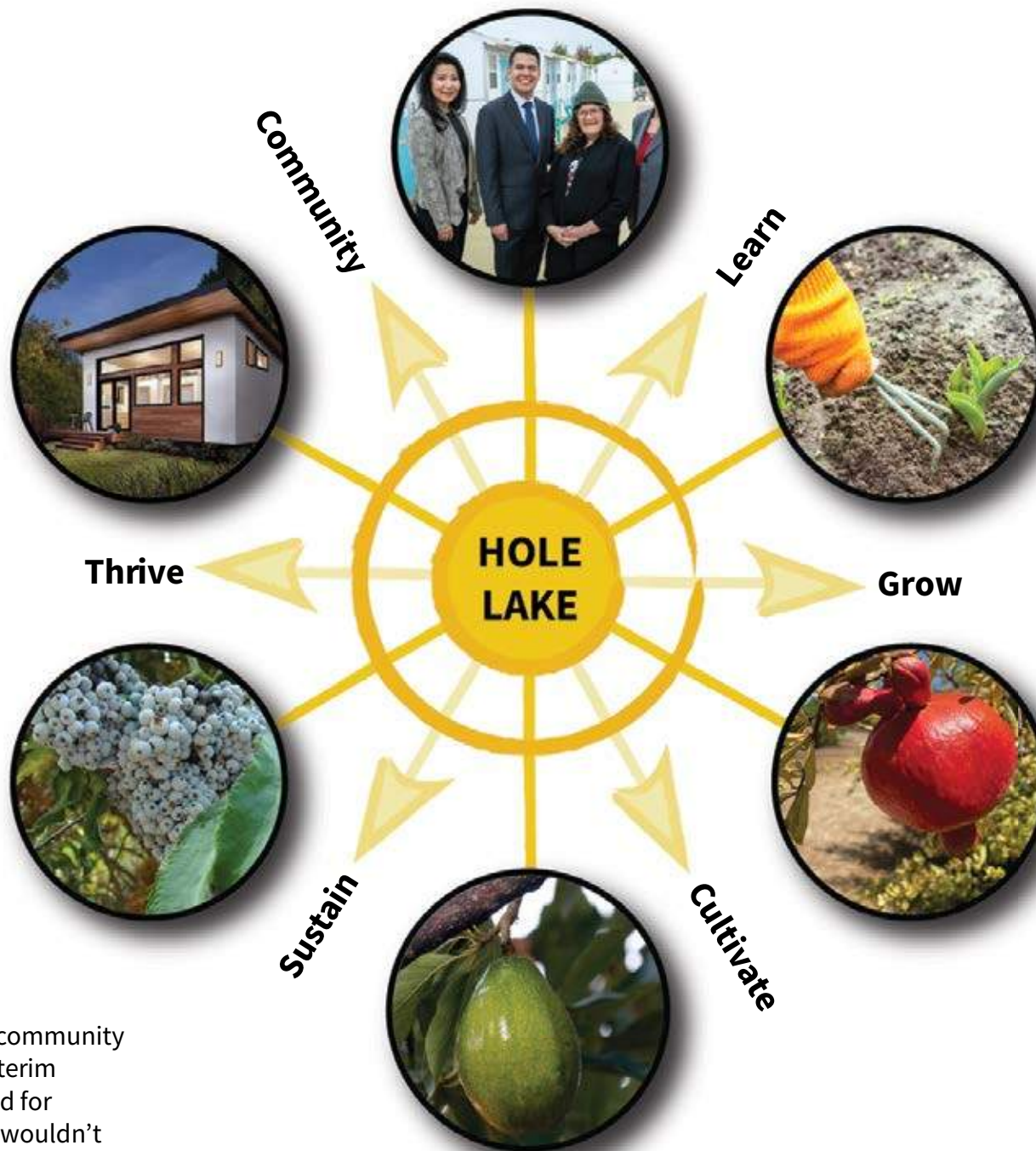
06 Tiny Homes with solar panels



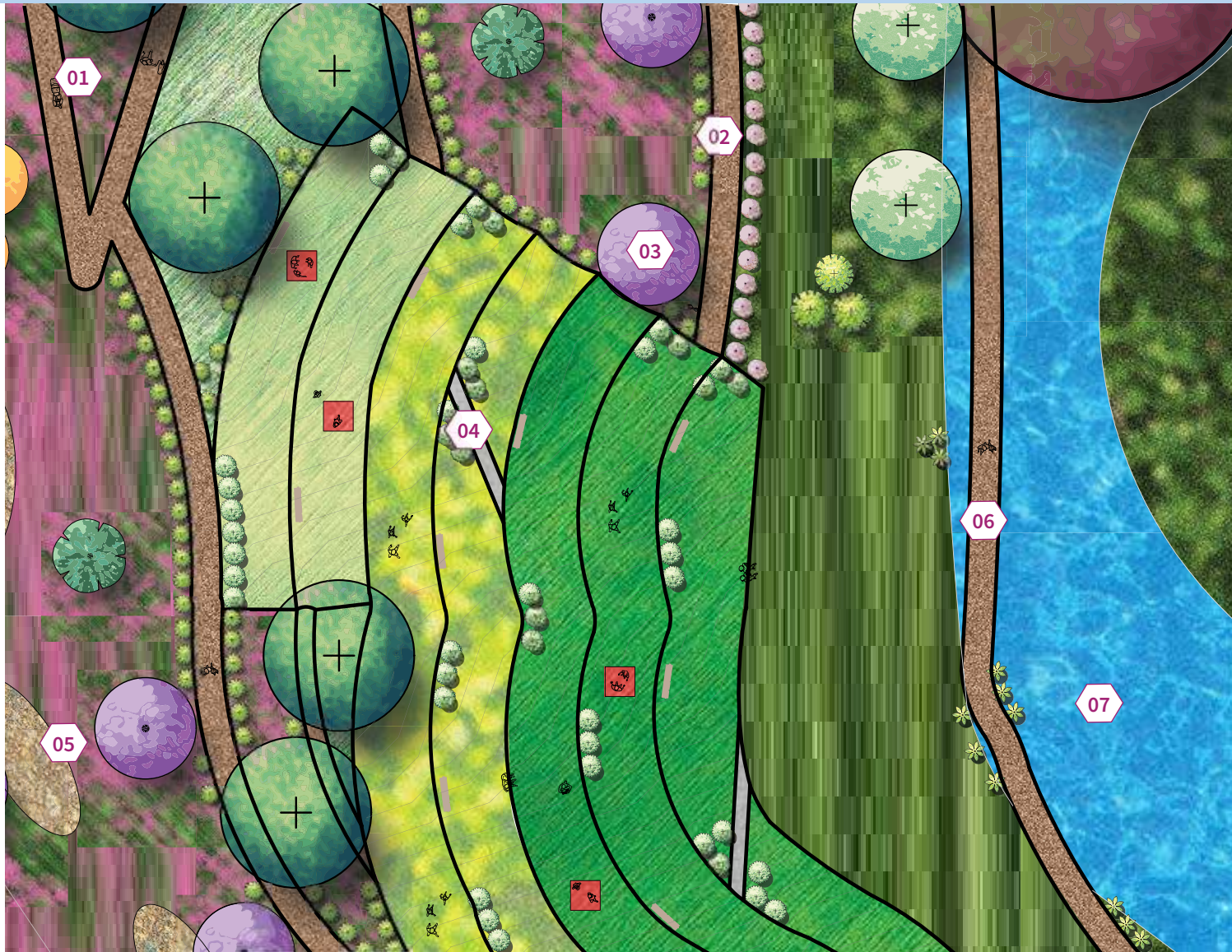


Section-Elevation





Hole Lake allows all of its community members to thrive. The interim housing is especially suited for people to learn skills they wouldn't learn in other places.



The Terraced Amphitheater is useful year round! During the winter it acts as stormwater management by spreading and slowing runoff coming from higher elevations. When it is not treating runoff, the terraces can be used for general recreation and gathering as they are 20' wide. During the dry months, community members can enjoy a movie or concert in the park. All levels are accessible from either trails leading to the Terraced Amphitheater or ramps in between the terraces.

01 Path from Community Arts Center

02 Path from water

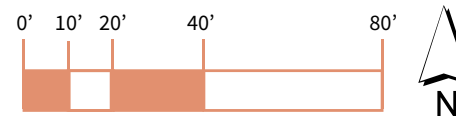
03 Elderberry

04 Ramp between terraces

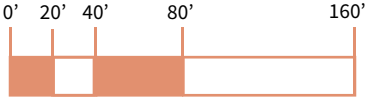
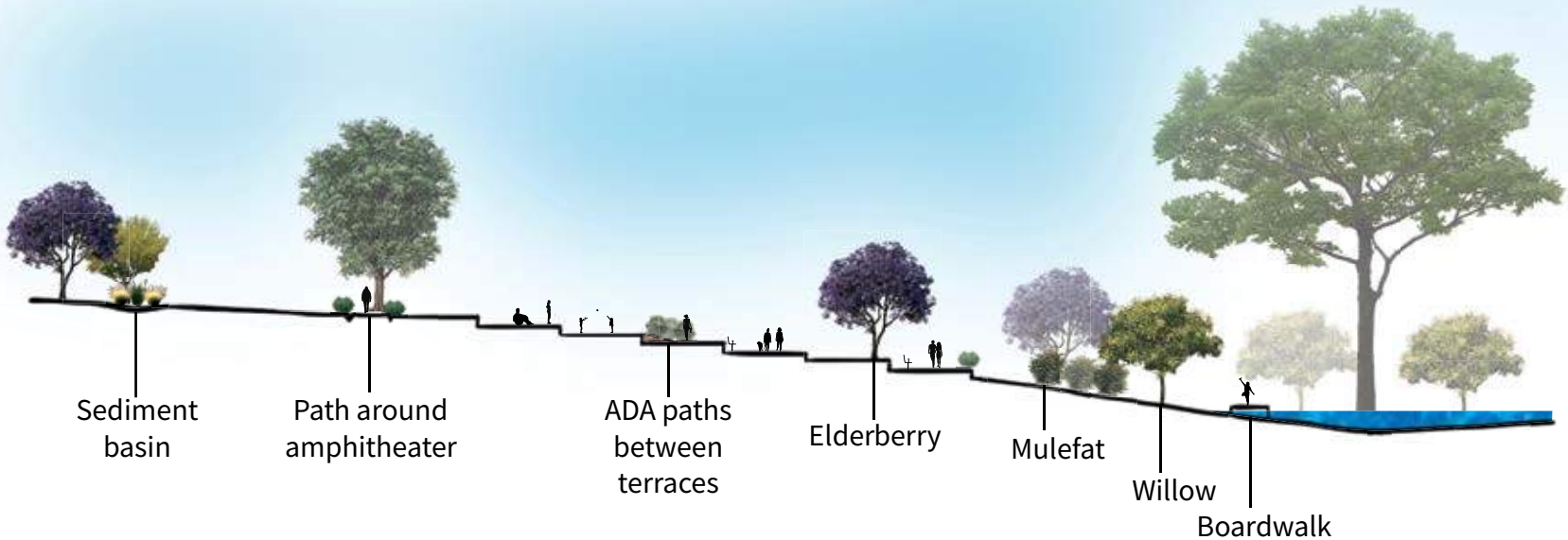
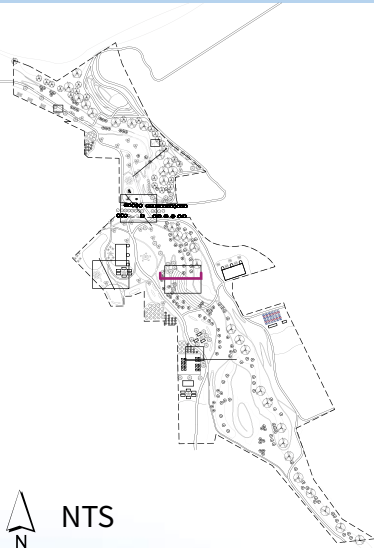
05 Sediment basin

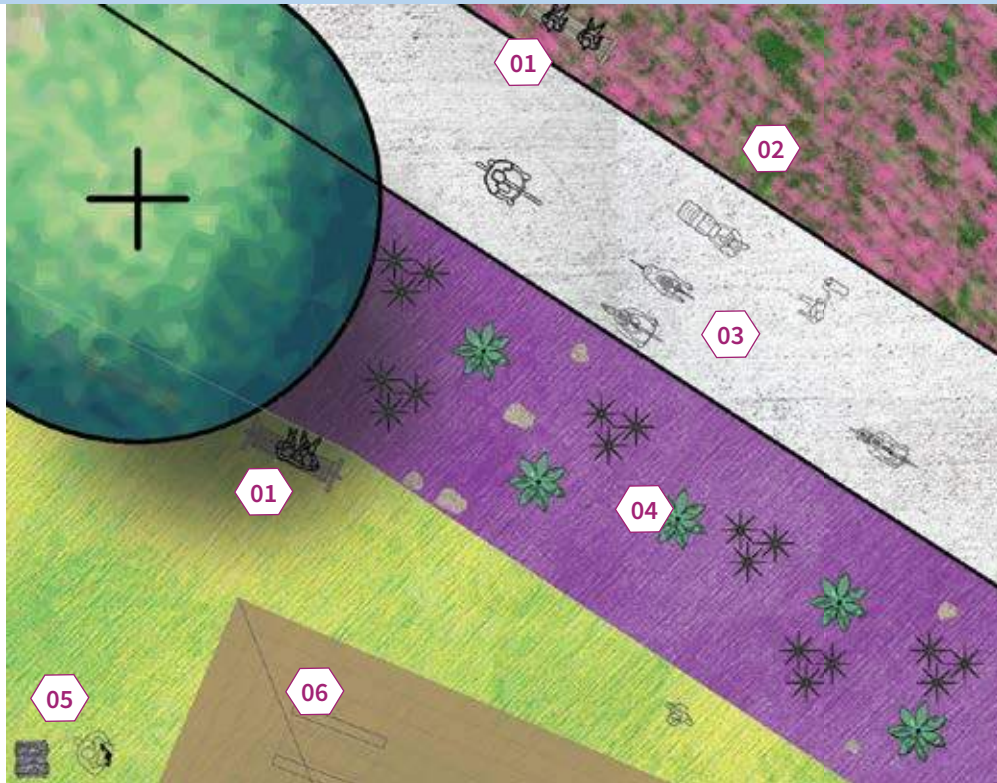
06 Boardwalk through and over lake.

07 Hole Lake

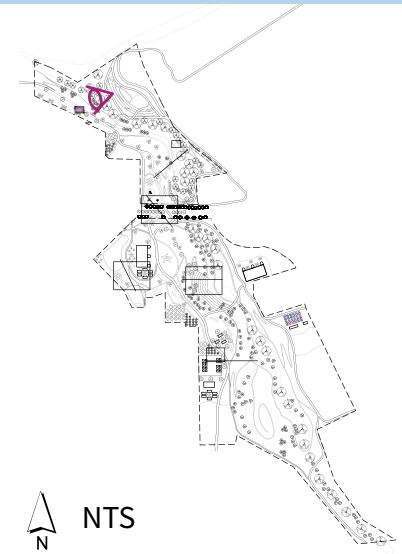


Section-Elevation





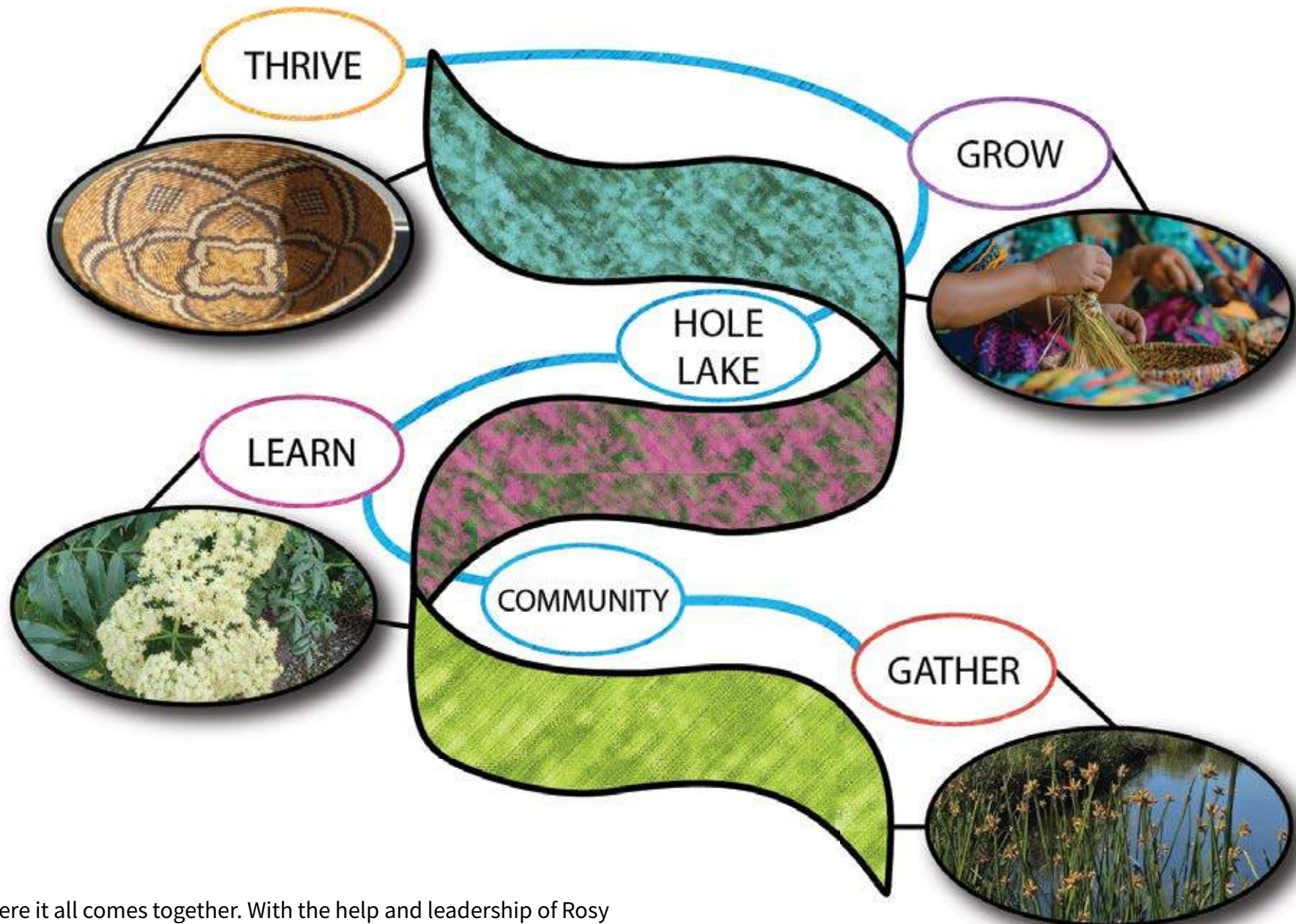
Gathering Views is a space between the housing tract on the north side of the site and the multi-use path. This is a place community members can meet, have celebrations, or simply enjoy the views of the Santa Ana River. The bioswale has native plants that support the human and wildlife communities alike. It cleans, slows and sinks the water runoff from the residential area and multi use path.



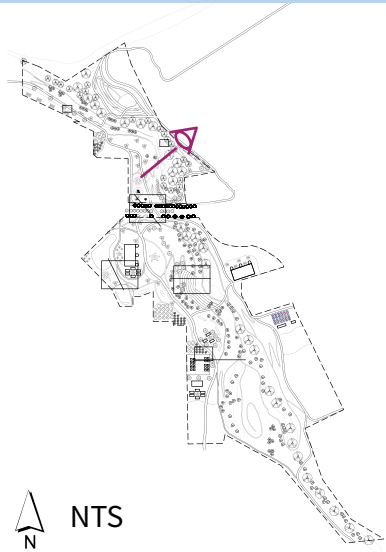
- 01 Swing benches to take in views.
- 02 Low growing native plants leave clear views.
- 03 Bike and pedestrian path
- 04 Swale with native plantings
- 05 BBQ
- 06 Shade structure with picnic tables



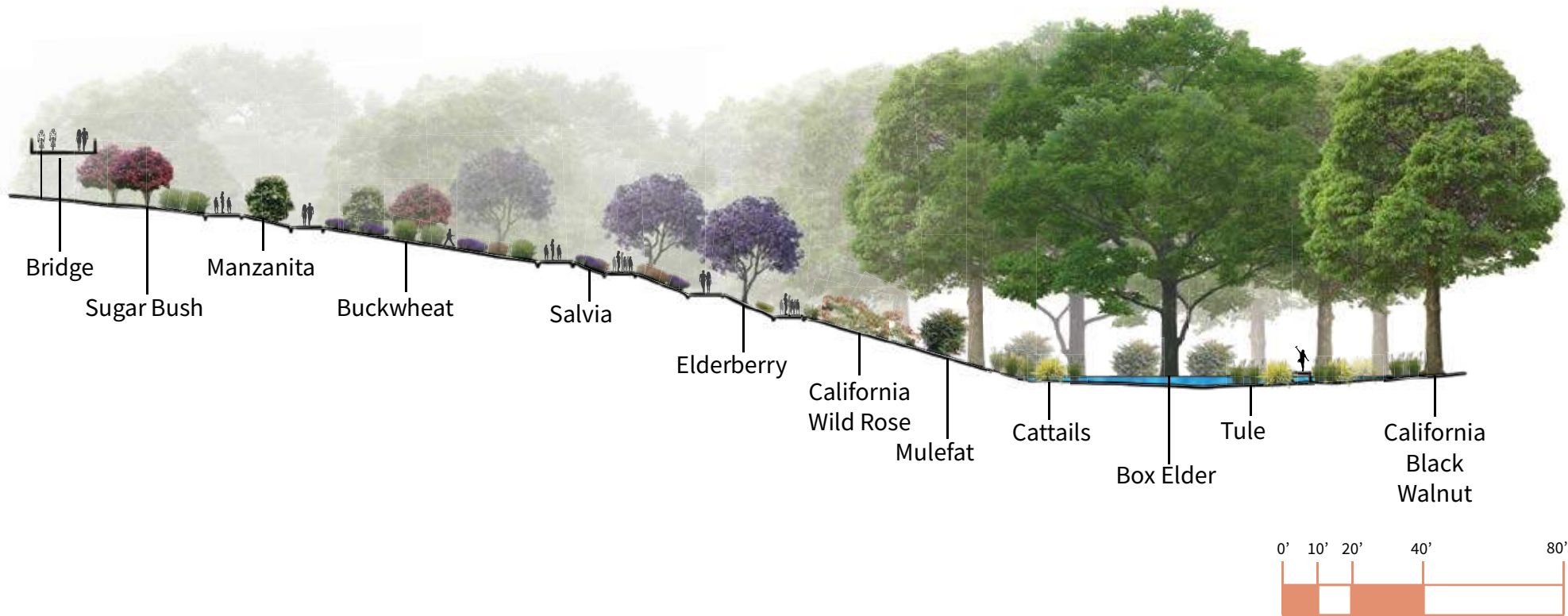
Sketch: View of people “gathering views” from the shade structure. Native plants in bioswale keeping the water clean!



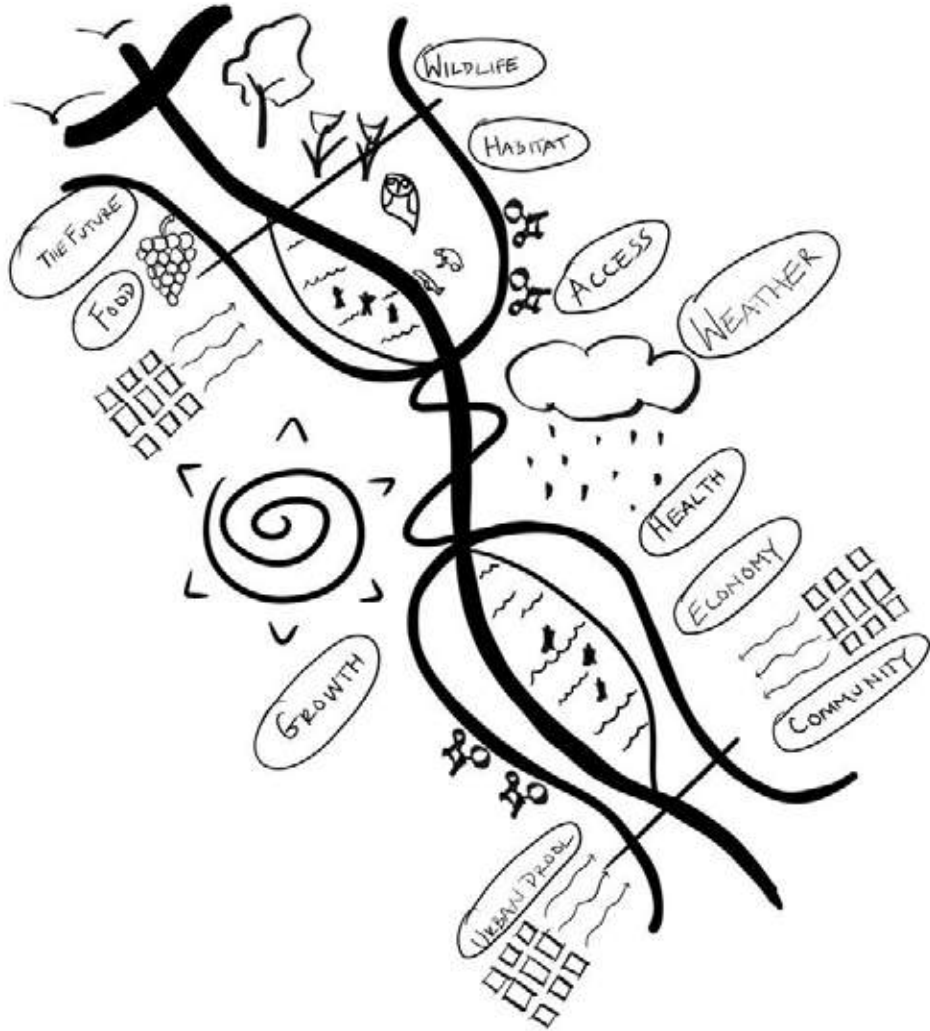
This is where it all comes together. With the help and leadership of Rosy Aranada and other members of her tribes, the community of Hole Lake and Beyond will learn how to really form a relationship with the land. Rosy and others will lead us on a journey starting with gathering grasses, learning about native plants and how they can sustain us, forming bonds with each other through basketweaving and other activities. This is ultimately how we will THRIVE



Section-Elevation



Thank You!



A special THANKS to Jessie Corea. This was a complicated and amazing project. Thank you for encouraging us to go outside of our comfort zones and try new things. Thank you for your support, encouragement and lessons, and for all the beautiful palettes and symbols. They really made this project what it is!

Thank you to my fellow students, I would not be here today without your support. I have learned so much from you and am glad to be on this journey with you!

Thank you to Riverside Parks for bringing this project to us and being there for the milestones. Your feedback and time are greatly appreciated. I hope we get a chance to work together in the future! Especially thank you to Pamela Galera for taking the time to go to Hole Lake with me and tell me about the community. I would not have been able to make such informed design choices without you.

And finally, thank you to Rosy Aranada for speaking to us about the Indigenous People of Riverside. I am sorry you have experienced the trauma that you have and I hope I can help to give you and the land a voice.

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