

# Tackling Poverty through Public Interest Design



**New Partners for Smart  
Growth Conference 2016**

Sergio Palleroni &  
BD Wortham-Galvin

# CPID Methods & Practices

- Multi-Stakeholder Participation
- Integration
- Networked Interventions



# CPID Methods & Practices

## Multi-Stakeholder Participation

- Open, transparent, iterative design process
- Harnesses community's social, political, and economic capital and know-how
- Involves technical knowledge of design professionals, political will of local and/or regional government, investment capacity of private sector
- Incorporate stakeholder consultation and engagement so residents, business owners, municipal groups, and other groups have true agency in decision-making process



# CPID Methods & Practices

## Integration

- Combine physical, social, & economic strategies in single intervention
- Design may be the entry point, but integrated intervention expands beyond design of structures and/or landscapes to include design of programs, processes, organization structures, enterprises with help of multi-disciplinary team
- Resident needs related to development should not be oversimplified – consideration of broader social and economic needs can help avoid lopsided or tunnel vision type of development

Park  
Be Better

My  
Neighbors

I  
Wish  
we  
had a place  
to do a place  
exercise

People  
Pollute  
the  
streets

F.  
vers



# CPID Methods & Practices

## Networked Interventions

- Large scale issues (vacancy, poverty, access to food, making healthy communities) addressed by networking series of small scaled interventions
- Small interventions envisioned from start as strategic components of future network through selection, coordination, design, and development
- Network is physically, fiscally, socially, and economically supported to build new economics, social safety nets, and political capital
- Large scale efforts can disenfranchise residents, or small scale efforts can be isolated or one-off
- SOLUTION: Adopt multi-scale approach to all projects, no matter the catalyzing original scale

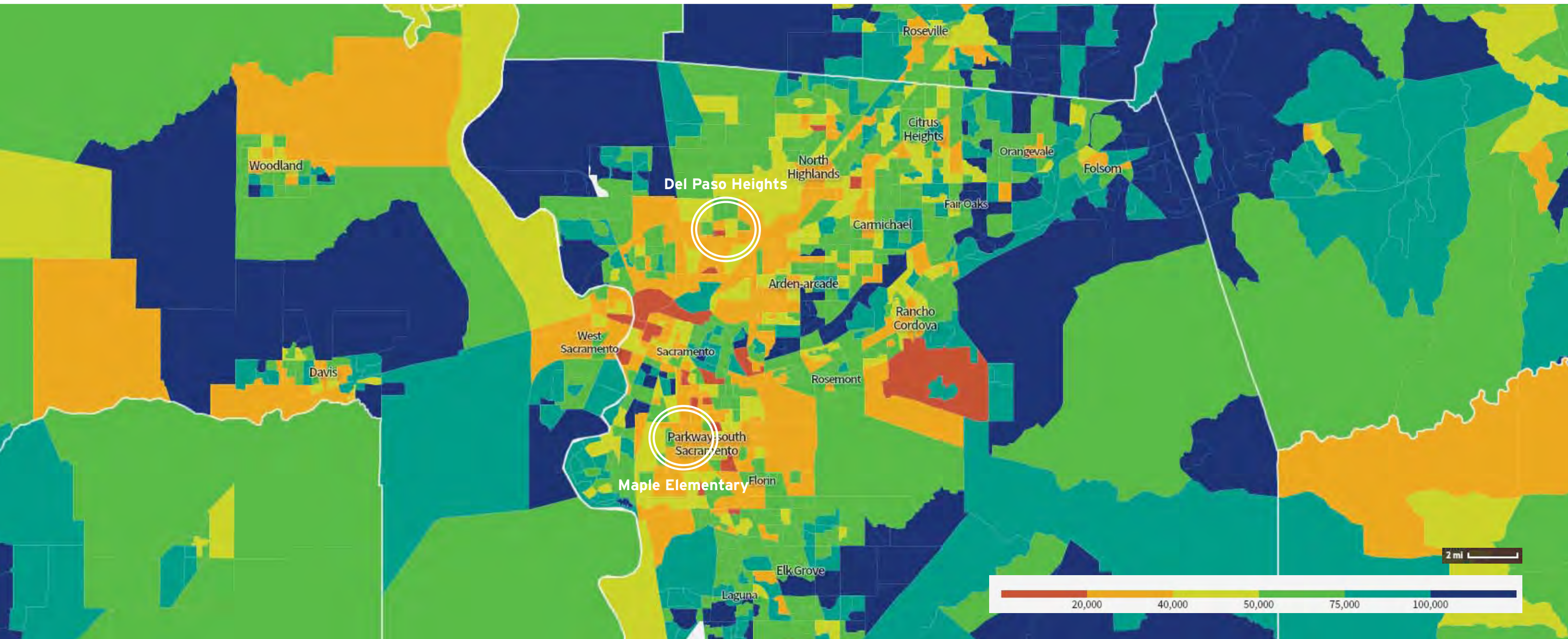


# Research

Existing Conditions

# Median Household Income

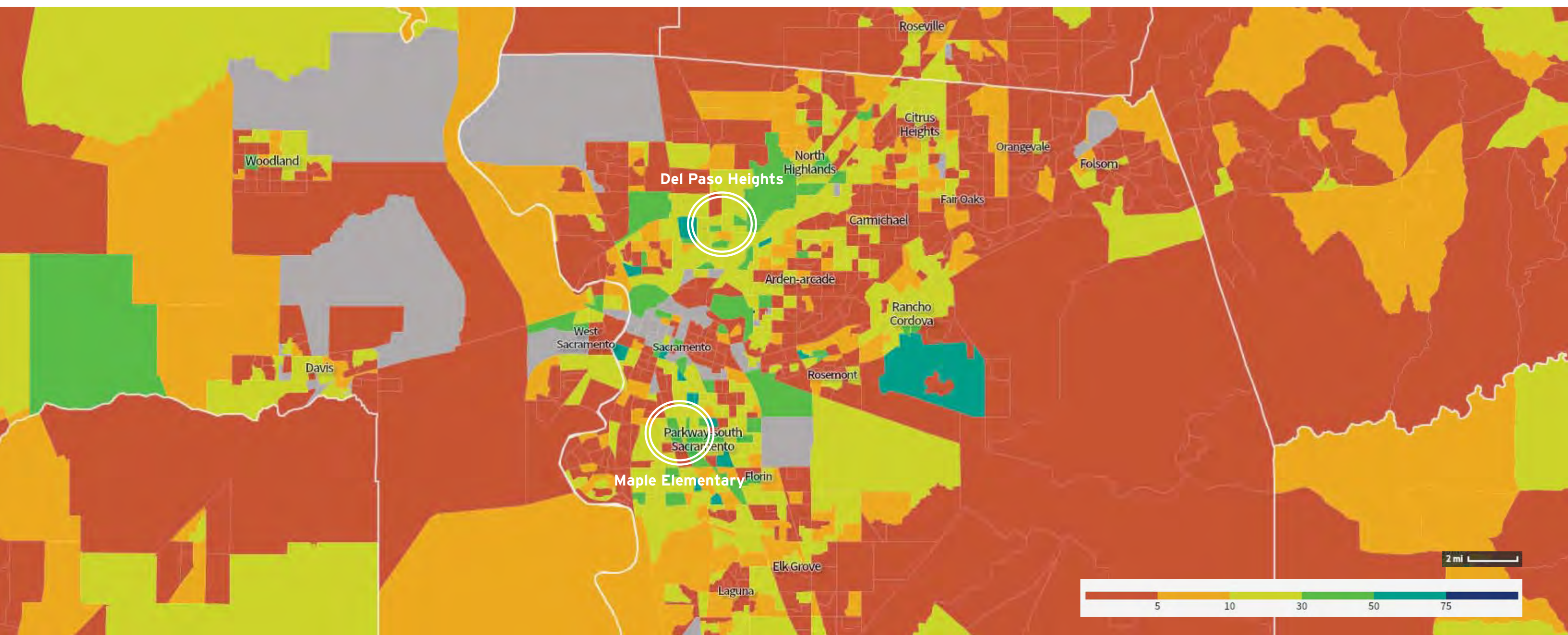
## 2010 Inflation Adjusted Dollars, by Block Group





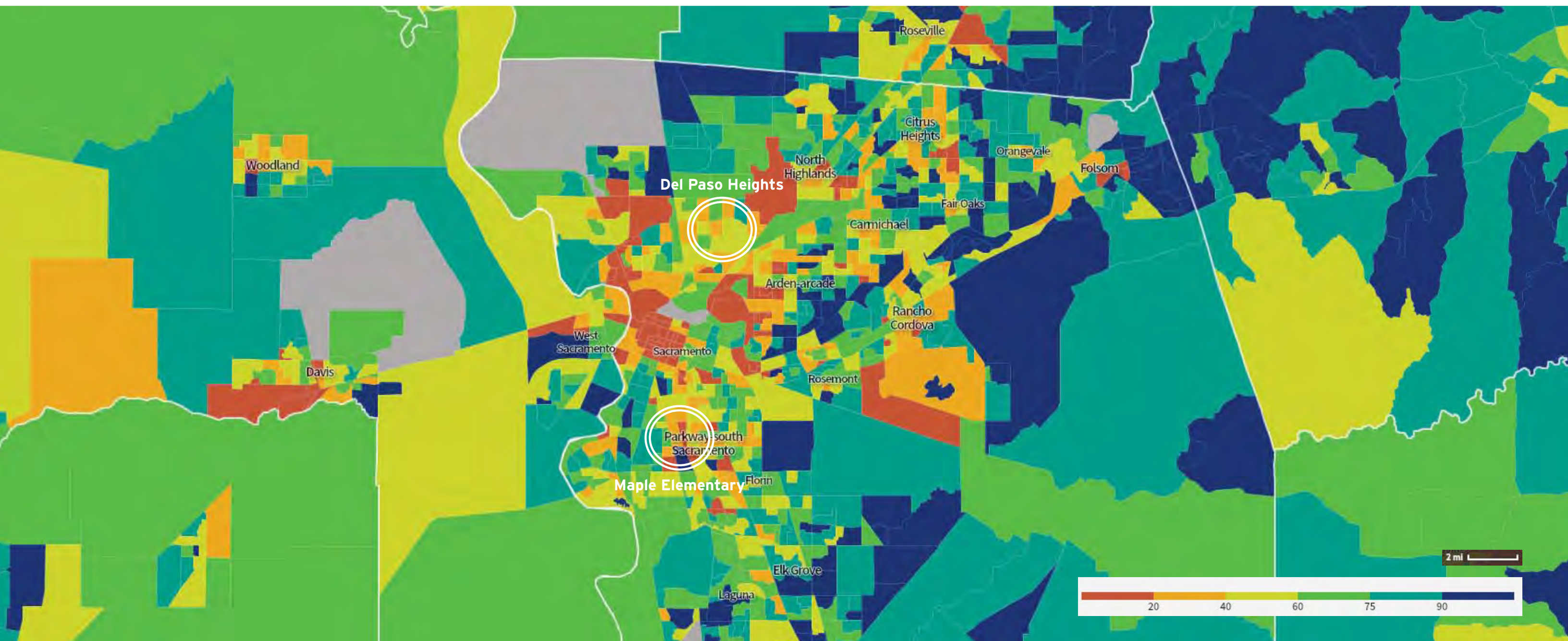
# Families Living Below Poverty Level

## Percent by Block Group





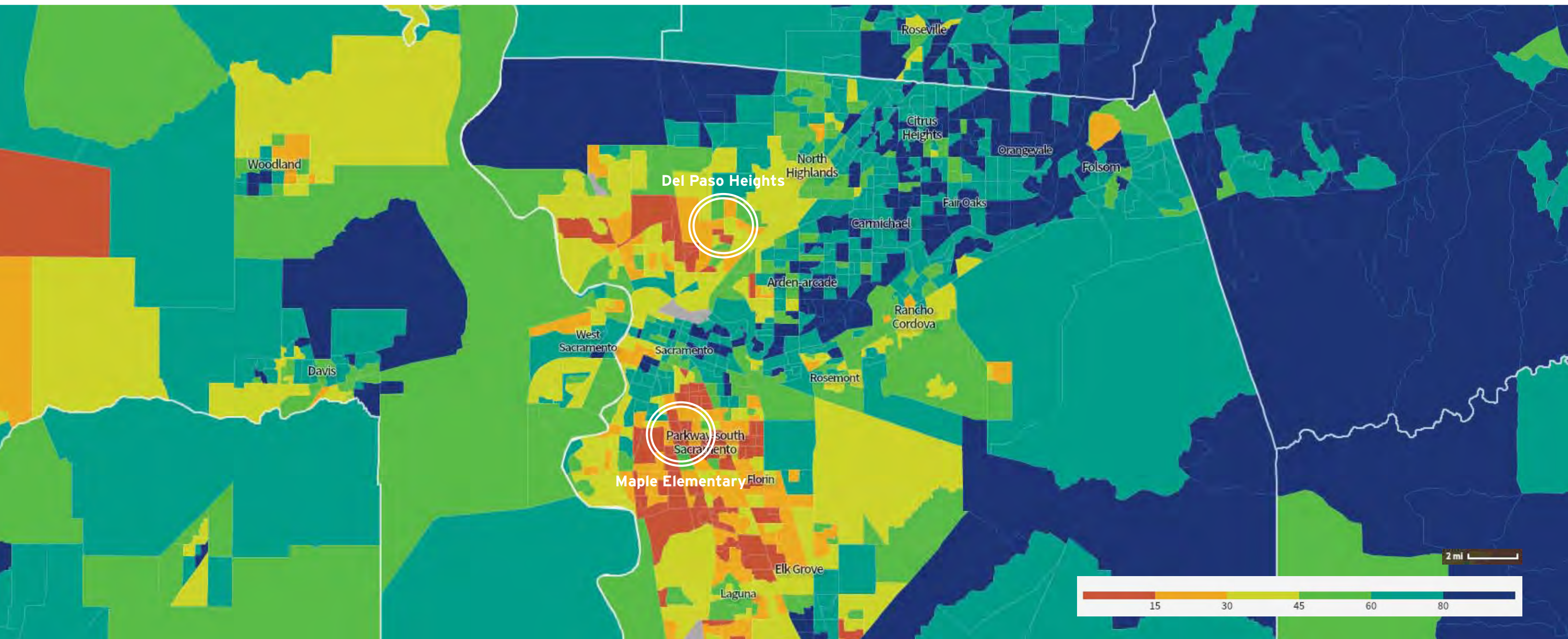
# Owner-Occupied Housing Units Percent by Block Group





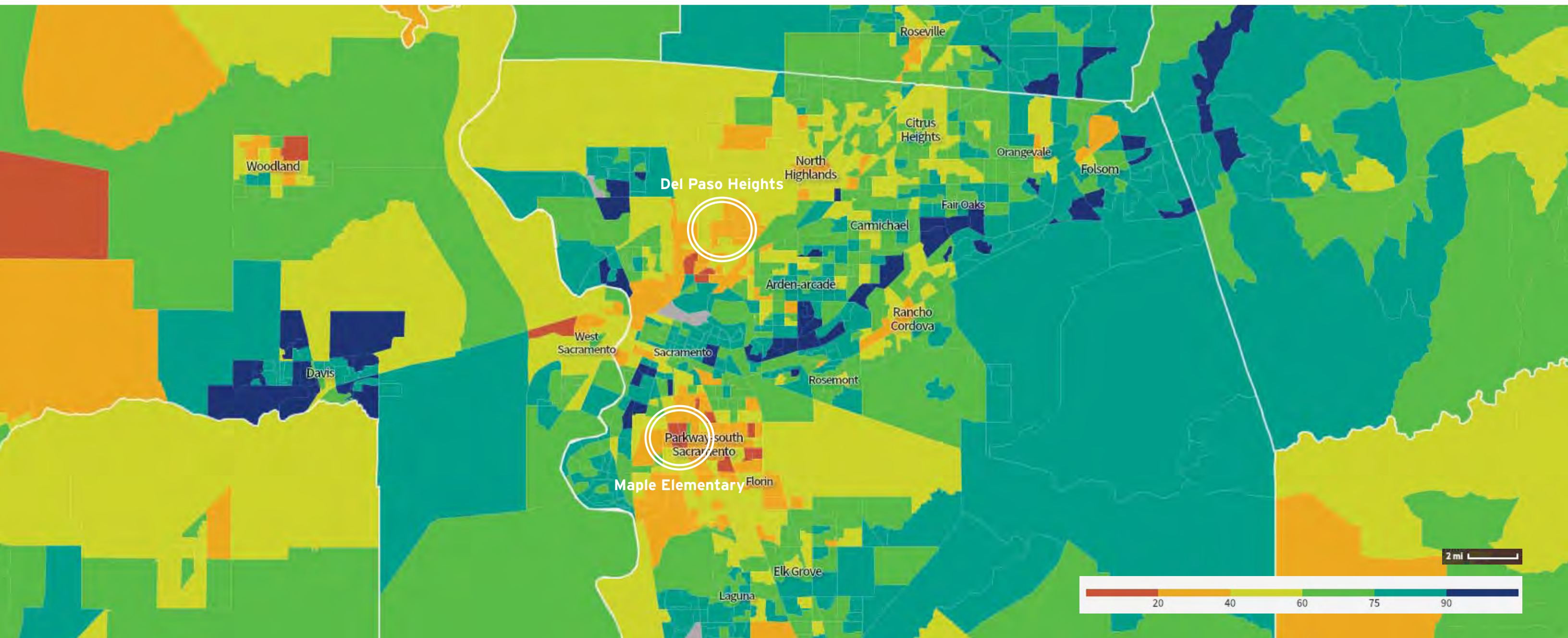
# Persons Identifying as Non-Hispanic, White Alone

## Percent by Block Group



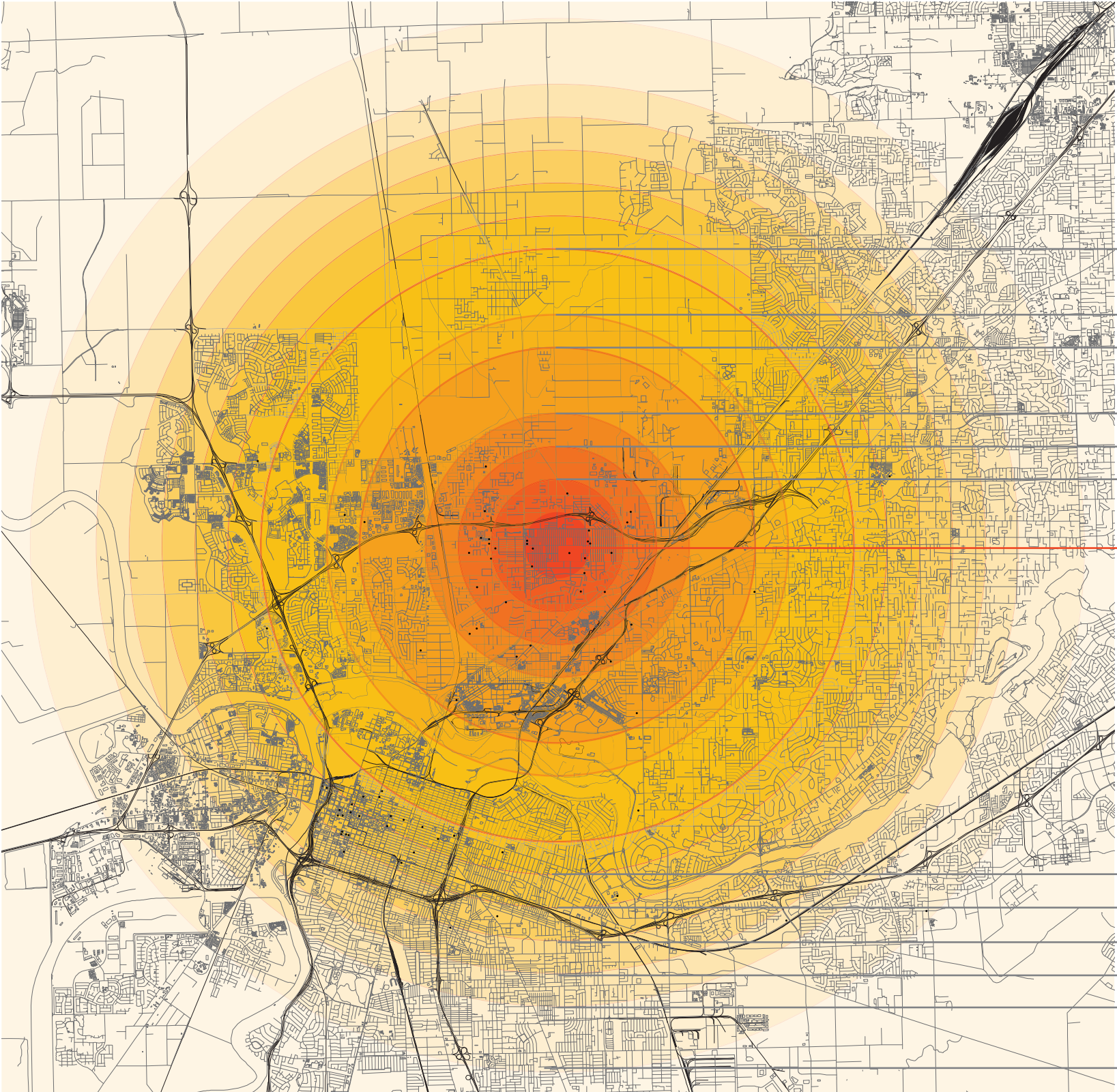


# Educational Attainment, Some College or More of Population 25 Years or Over, Percent by Block Group





# Service Proximity to Del Paso Heights



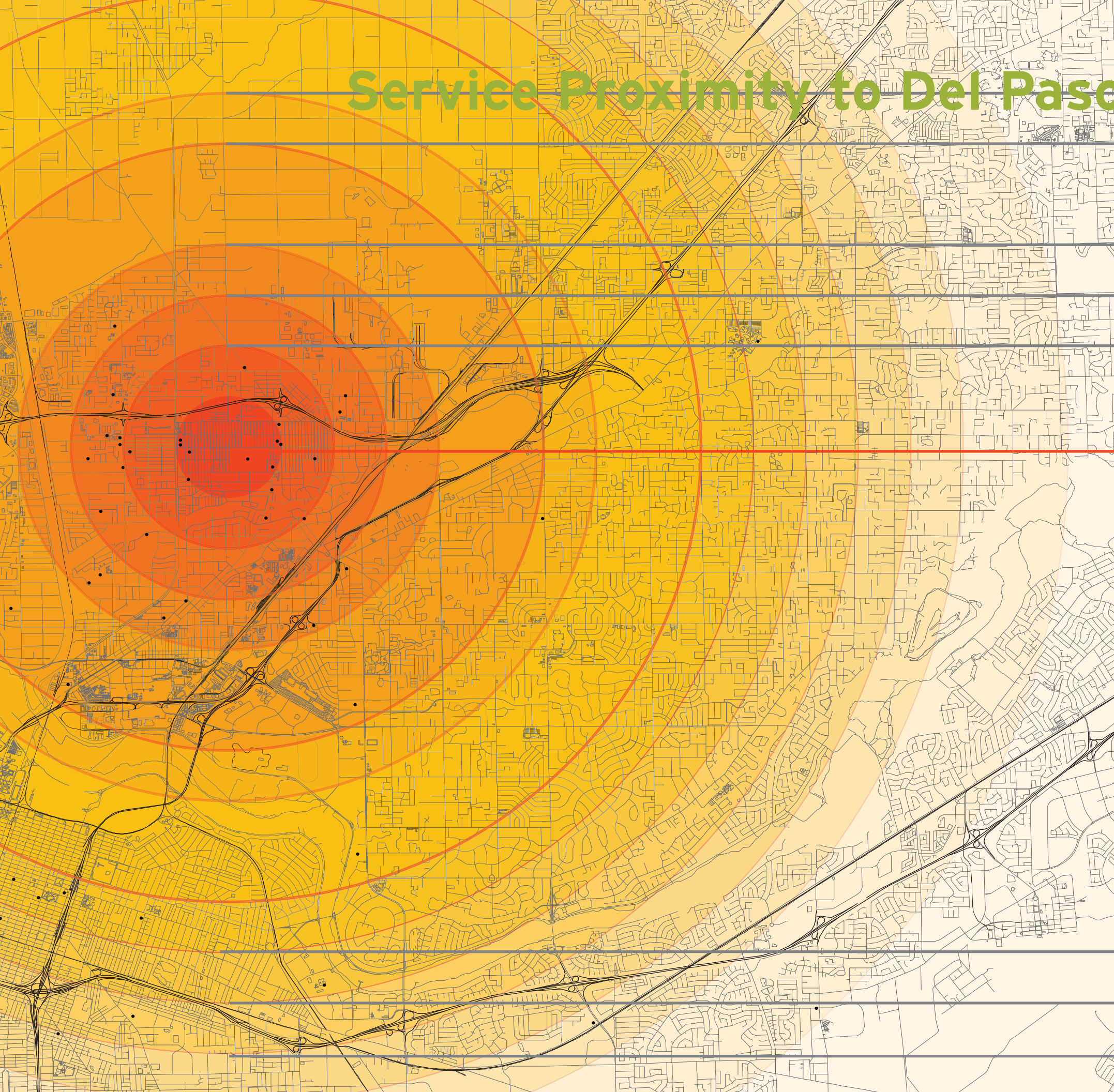
- FOOD
- HEALTHCARE
- GOVERNMENT SERVICES
- CIVIC & CULTURAL
- NON-PROFIT & PRIVATE
- EDUCATION

The neighborhood of Del Paso Heights lacks convenient access to a variety of services that can significantly impact the quality of life for residents within the neighborhood, in particular those residents with lower incomes or special needs. Healthy food and affordable healthcare are just two of the services that are difficult to access from the neighborhood. What services are in the neighborhood are located around the perimeter of the neighborhood along major roads. The City of Sacramento does not have a large presence within the Del Paso Heights neighborhood with most of their services, including Family Services, Housing and Legal Aid located downtown. Assuming access to a car or an adequate public transit system, downtown Sacramento is a 14 minute drive with no traffic or a 43 minute bus trip one-way from Del Paso Heights. But even with access to transportation accessing these services can be time-consuming for residents requiring time off from work or accessible child care.

<b>4 MILES</b>		Planned Parenthood Los Rios Community College
<b>3 MILES</b>		Affordable Legal Assistance
<b>2 1/2 MILES</b>		Sacramento Employment & Training Agency California Department of Aging US Health and Human Services Department Smyth Academy of Arts & Sciences (P-6)
<b>1 1/2 MILES</b>		Sacramento Food Bank & Family Services Fire Station 20 Johnston Park Community Center Atkinson Youth Service, Inc. Our Children's Keeper Foster Family Agency Mutual Assistance Network Norwood Junior High (6-8)
<b>1 MILE</b>		Viva Supermarket Dollar Store Mercyclinic Norwood Bi-Valley Medical Clinic, Inc Canna Care Mercy Housing Community Resource Project, Inc Martin Luther King Jr. Junior High (7-8) NOVA Opportunity Program (7-9) Vista Neuva Career & Technology High (9-12)
<b>1/2 MILE</b>		Morey Avenue Community Garden Access Dental Molina Healthcare Fire Station 1 Police Station Del Paso Heights Elementary Michael J. Castori Elementary Sunshine Preschool Academy Linda Torres Child Care Morey Avenue Early Childhood Development School
<b>DEL PASO HEIGHTS PROPER</b>		Lee's Market Rainbow Market Mini Mart Eye Doctor: Dr. Terry K Isbill Del Paso Heights Public Library Mutual Assistance Network Grant Union High School (9-12) My Love 4 Your Kids
<b>5 MILES</b>		UC Davis Medical Center Emergency Medical Services (public) Planned Parenthood California Department of Social Services The Office of Child Abuse Prevention California Assisted Living Association US Housing & Urban Development Department Housing California California Health and Human Services Agency Mental Health Department US Indian Health Services State of California Department of Public Health Developmental Disabilities Services Housing Now Casey Family Programs California State University, Sacramento American River Community College
<b>6 MILES</b>		Sacramento Food Bank & Family Services
<b>6 1/2 MILES</b>		Alternative Family Services
<b>7 1/2 MILES</b>		Sacramento County Adult Protective Services

GoogleMaps. "Sacramento, CA." GoogleMaps. Google, 2014. Web. 13-19 Oct 2014. City of Sacramento. "Departments." City of Sacramento. City of Sacramento, 2014. Web. 13-19 2014. Twin Rivers Unified School Distrct. "District Map." Twin Rivers Unified School District. 2014. Web. 17 October 2014. twinriversusd.org. Sacramento Fire Department. "Fire Station Locations by Council District." City of Sacramento Fire Department. Digitalgear. 2014. Web 15 October 2014.





# Service Proximity to Del Paso Heights

**1/2 MILE**

**Morey Avenue Community Garden**

**Access Dental**

**Molina Healthcare**

**Fire Station 1**

**Police Station**

**Del Paso Heights**

**Elementary**

**Michael J. Castori**

**Elementary**

**Sunshine Preschool**

**Academy**

**Linda Torres Child Care**

**Morey Avenue Early**

**Childhood Development**

**School**

## **DEL PASO HEIGHTS PROPER**

**Lee's Market**

**Rainbow Market**

**Mini Mart**

**Eye Doctor: Dr. Terry K Isbill**

**Del Paso Heights Public Library**

**Mutual Assistance Network**

**Grant Union High School (9-12)**

**My Love 4 Your Kids**

**FOOD**

**HEALTHCARE**

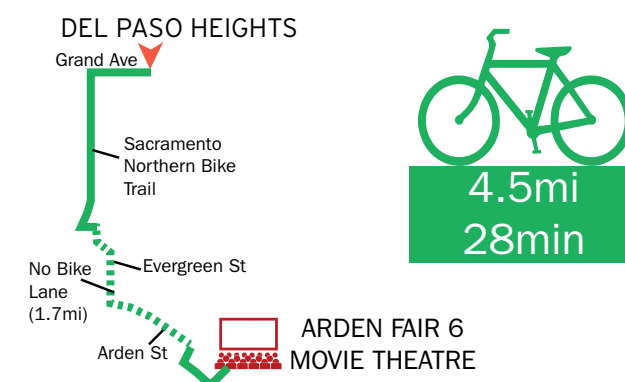
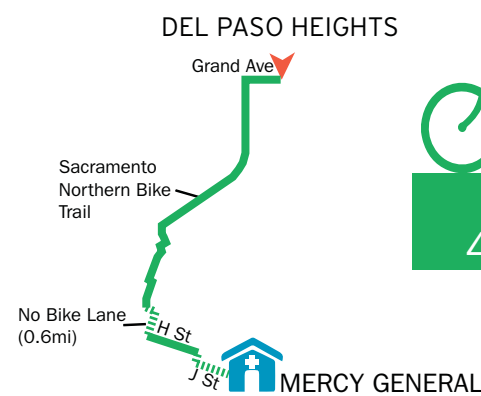
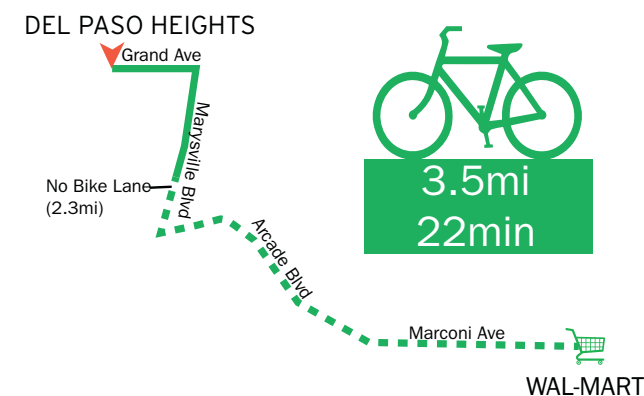
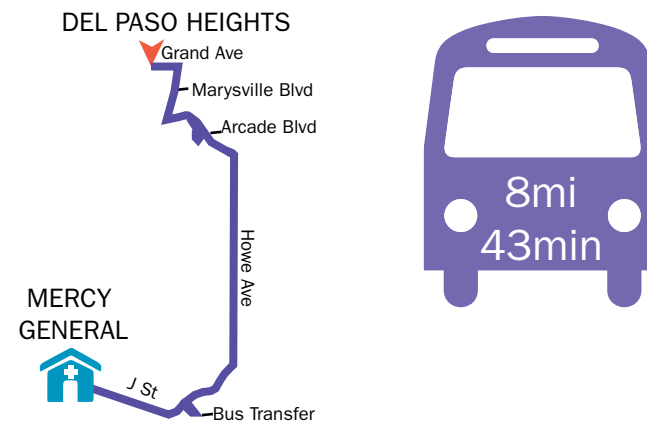
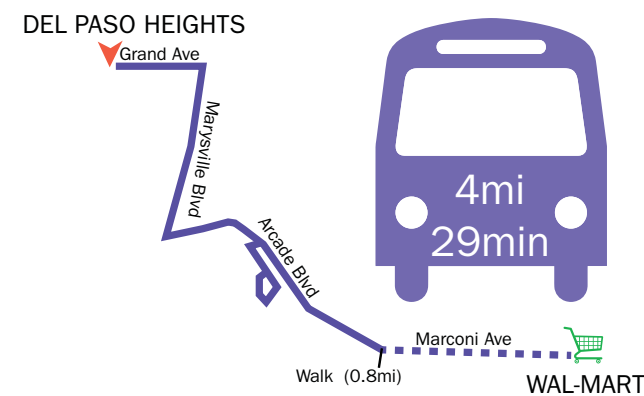
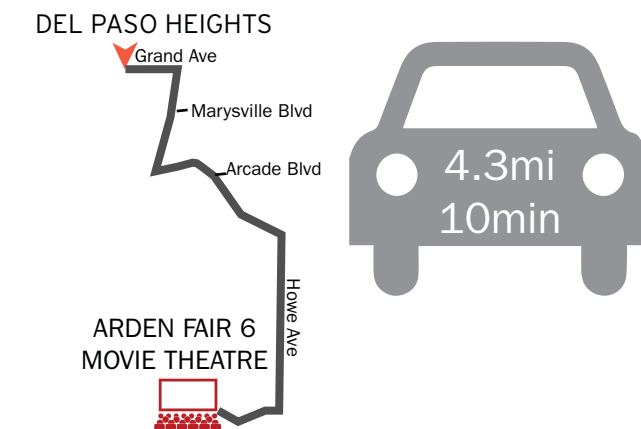
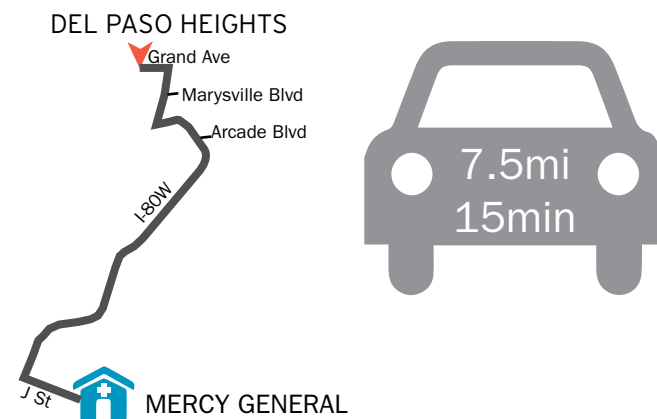
**GOVERNMENT SERVICES**

**CIVIC & CULTURAL**

**NON-PROFIT & PRIVATE**

**EDUCATION**

# Transportation and Access in Del Paso Heights





# Harvest Festival Community Engagement

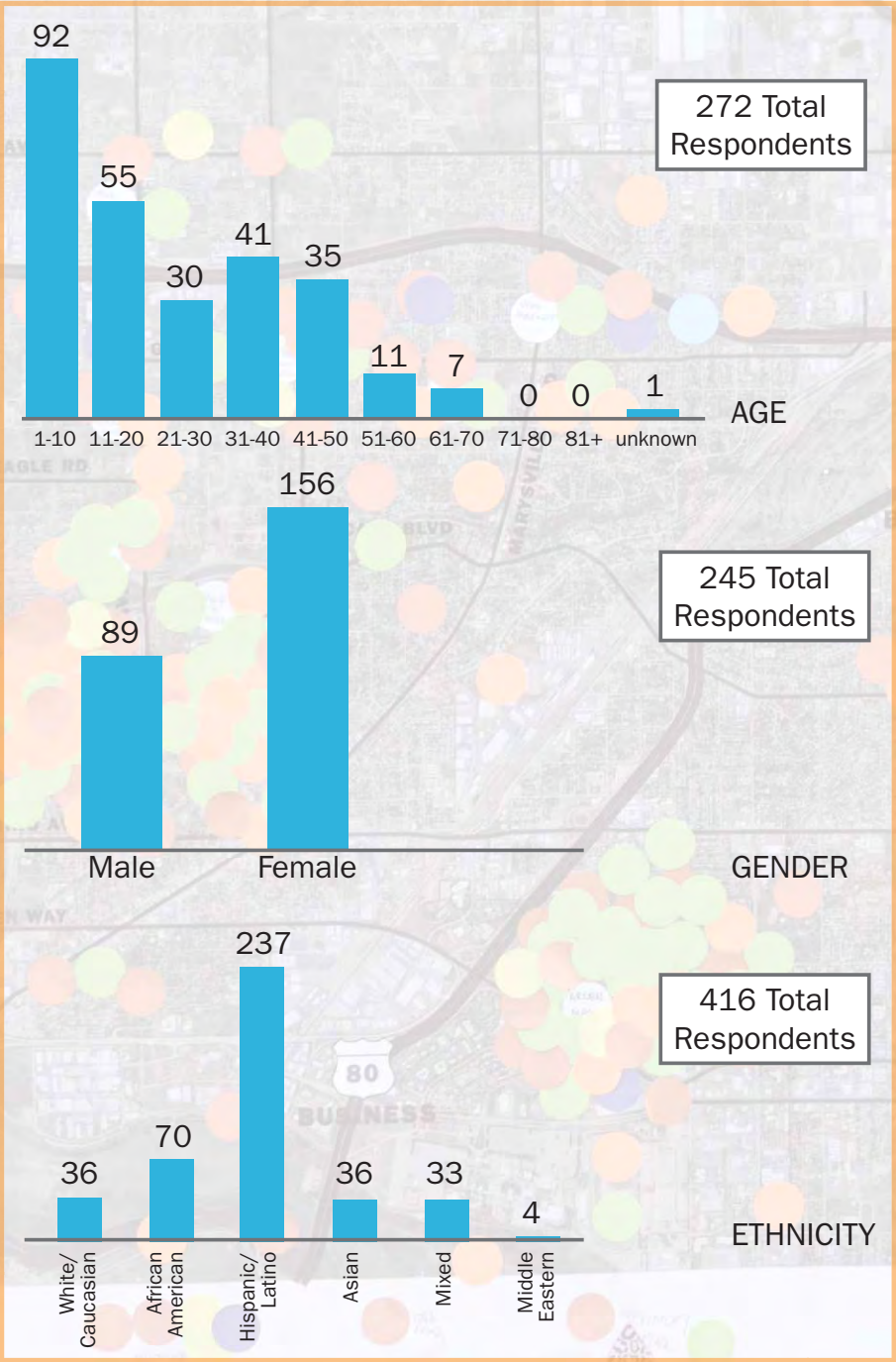








# Demographics



# Places I like...

# Things I do...

	IN DPH	OUT OF DPH
Restaurants	19	14
Grocery	24	11
Shopping	9	18
Work	8	18
Entertainment	14	18
School	25	18
Child Care	17	4
Recreation	17	11





**Site 2:** Marysville Blvd and Roanoke Ave

***I wish this was...***



**Site 1:** Grand Ave and Marysville Blvd

***I wish this was...***



**Site 3:** Rio Linda Blvd and Roanoke Ave

***I wish this was...***







**Site 2:** Marysville Blvd and Roanoke Ave

*I wish this was...*



**Site 1:** Grand Ave and Marysville Blvd

*I wish this was...*



**Site 3:** Rio Linda Blvd and Roanoke Ave

*I wish this was...*



*I wish this was...*

- Parking (1)
- Gas Station (2)
- Bike Friendly (1)
- Fix Streets (1)

- Coffee Shop (3)
- McDonald's (1)
- Restaurant (3)
- Bakery (1)
- Sonic (1)
- Pizzeria (2)
- Jamba Juice (1)

- Park (6)**
- Football/Soccer Field (7)**
- Playground (8)**
- Play Tag (1)
- Dog Park (2)
- Basketball Court (2)

- Shopping (1)
- Grocery Store (10)**
- Mall (2)
- Forever 21 (3)
- Claire's (2)
- Sanrio (1)
- Walmart (3)
- Candy Shop (2)
- Card Shop (1)

- Safe (6)**
- Tutoring Center (1)
- Gym (1)
- Job Opportunity (1)
- Daycare (2)
- Free Clinic (1)
- Library (3)
- Children's Center (1)
- Medical/Hospital (1)
- Fix Schools (1)
- Community College (1)
- Free Internet (1)
- Community Center (1)
- My House Close to School (1)
- Weave Program (1)

- After School Place for Kids (1)
- Arcade (3)
- Movie Theater (1)
- Chuckie Cheese (2)
- Disneyland (2)
- Waterpark (1)
- Carnival (1)
- Six Flags (1)
- Fair (1)





**Site 2:** Marysville Blvd and Roanoke Ave

***I wish this was...***



**Site 1:** Grand Ave and Marysville Blvd

***I wish this was...***



**Site 3:** Rio Linda Blvd and Roanoke Ave

***I wish this was...***



***I wish this was...***

**transportation  
needs**  
**5**

**outdoor  
recreation**  
**26**

**community  
resources**  
**23**

**restaurants**  
**12**

**shopping**  
**25**

**entertainment**  
**13**





# Envisioning

Del Paso Heights &  
South Sacramento



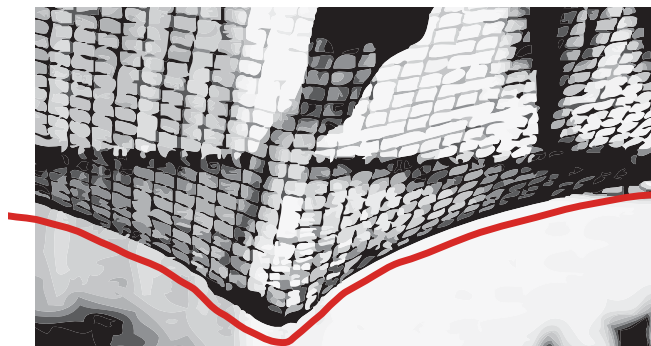


# Del Paso Heights Recreation Center





# Del Paso Dance: Youth Dance Center



safety



youth involvement



community space

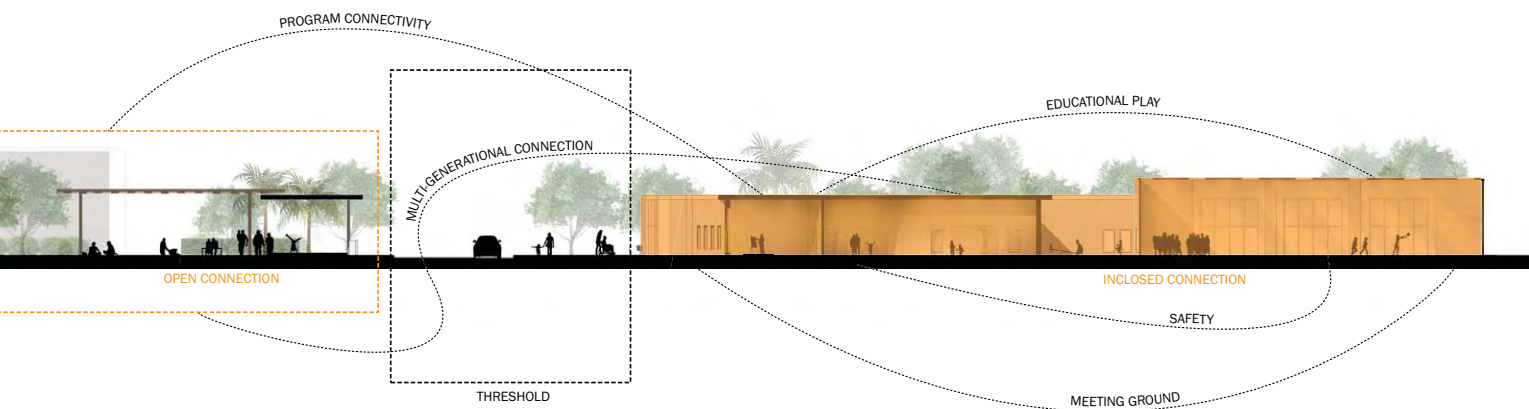


streetscape building





# Multi-Generational Center







# Streets for People



EXISTING

8' 35' 7'

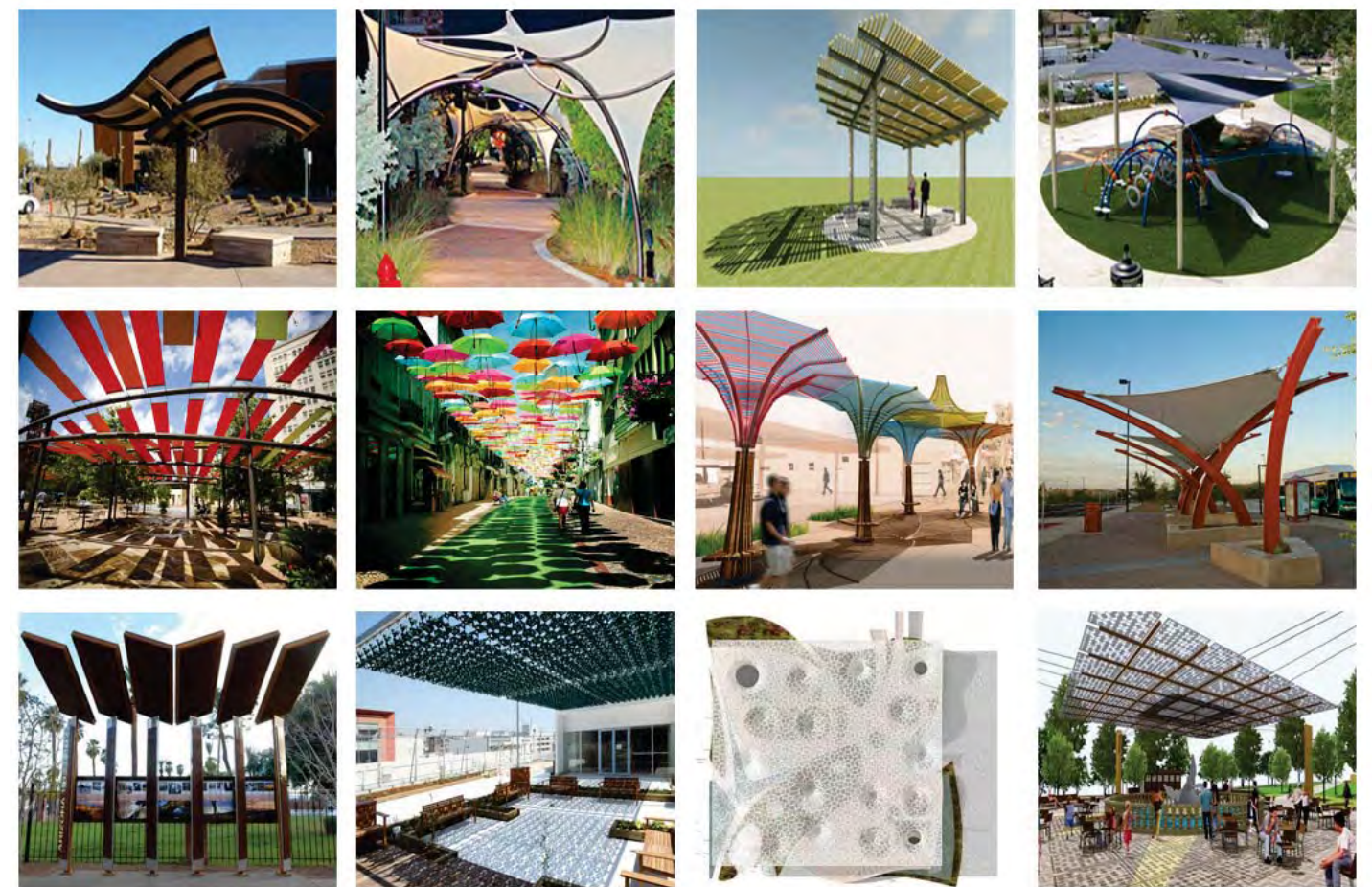
SCALE 1/8"



PROPOSED

6'+ 6'+ 26' 6'+ 6'+

SCALE 1/8"



SUN SHADE OPTIONS





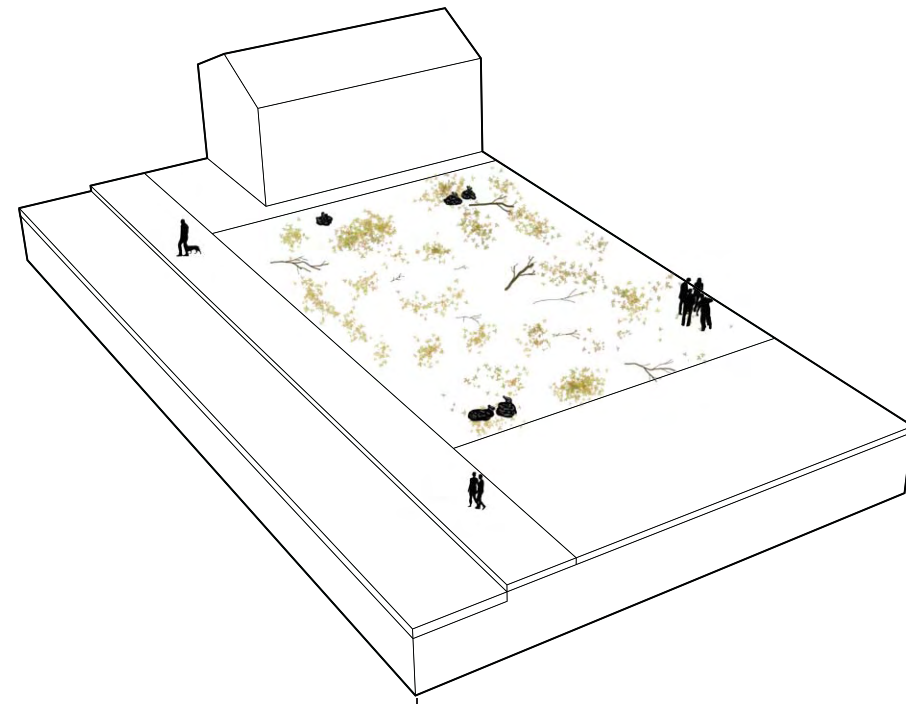
**The Collective**



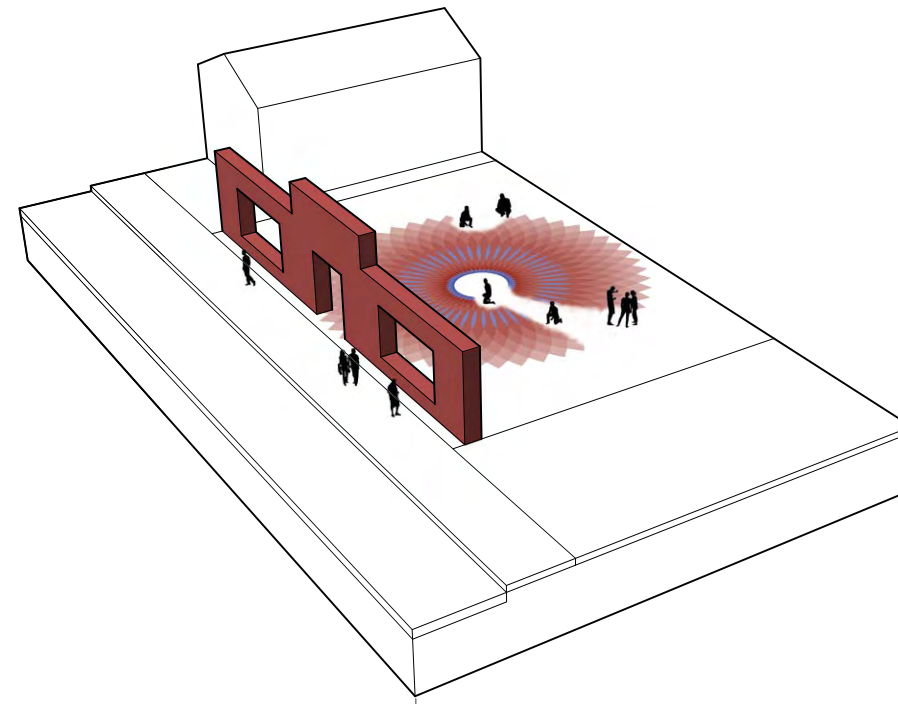
# The Collective



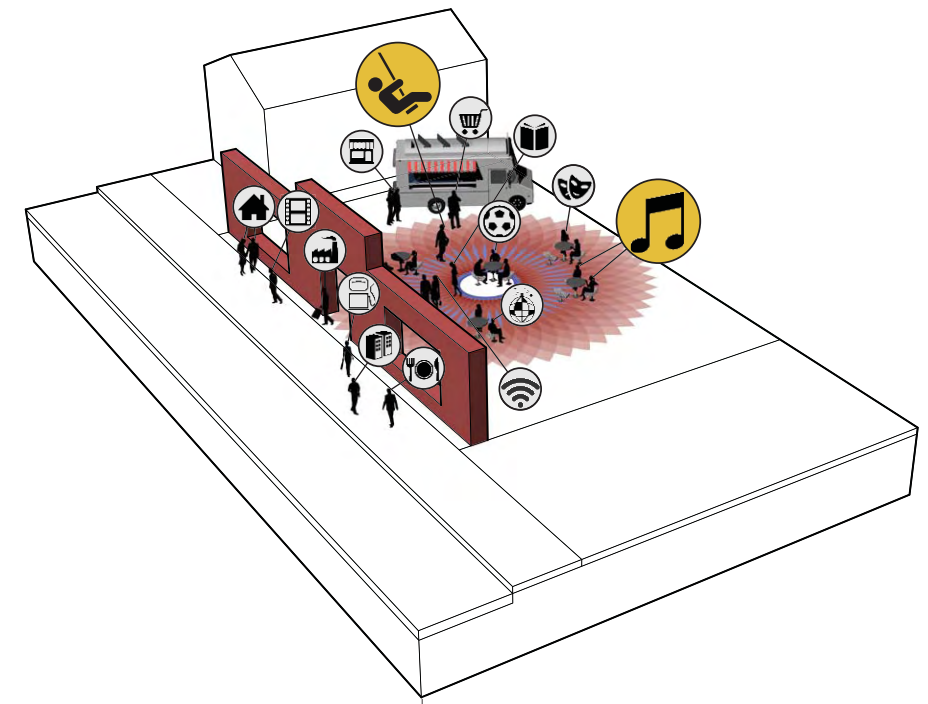




vacant conditions

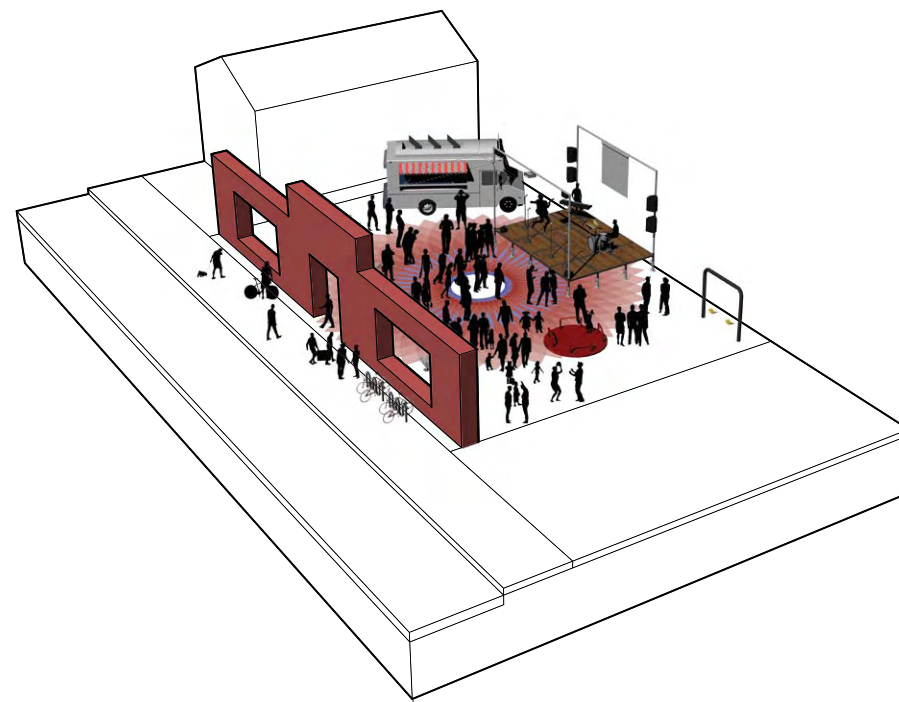


start of process-engagement  
through participation

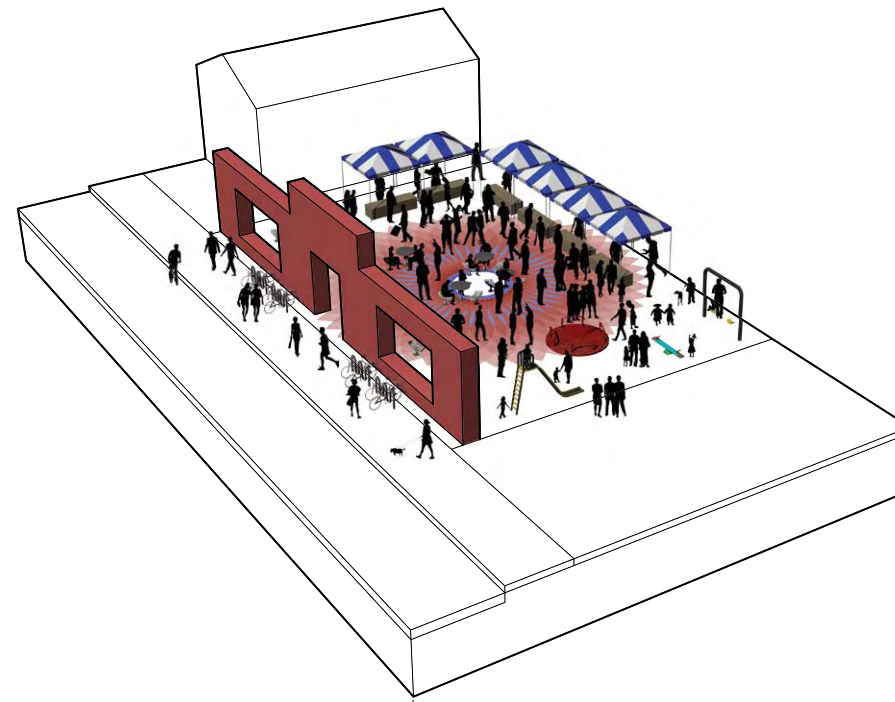


sourcing ideas from the  
community

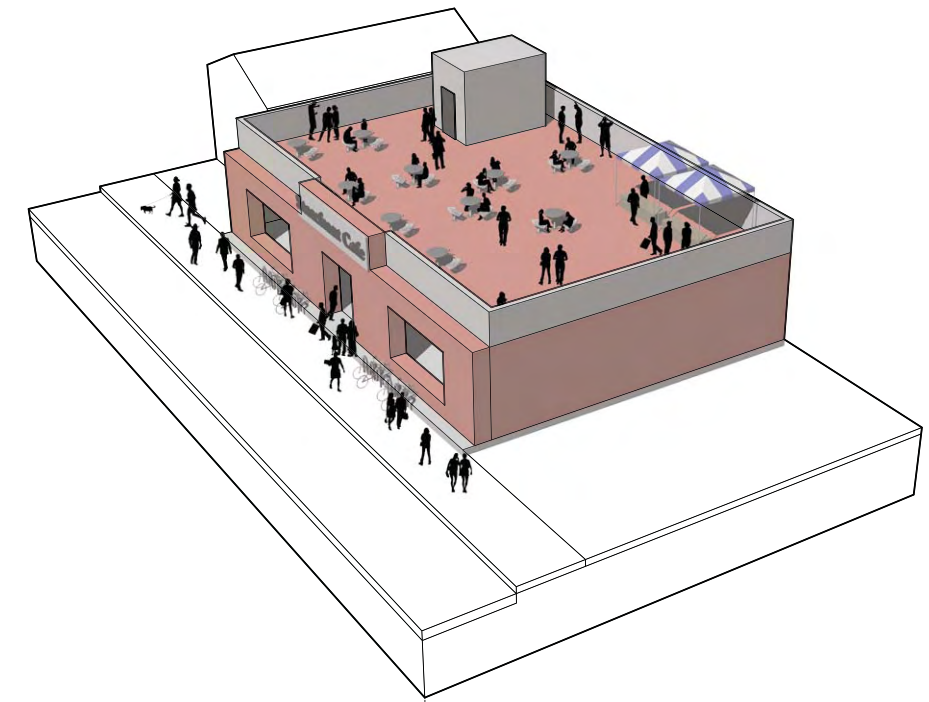
# Storefront for Community



rotational programming



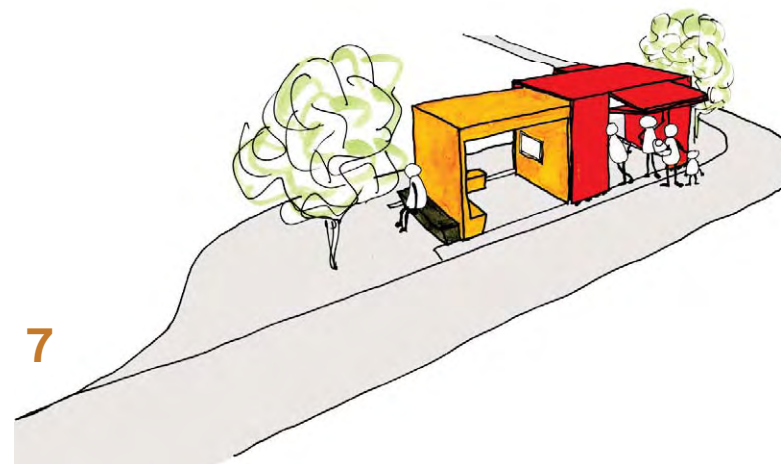
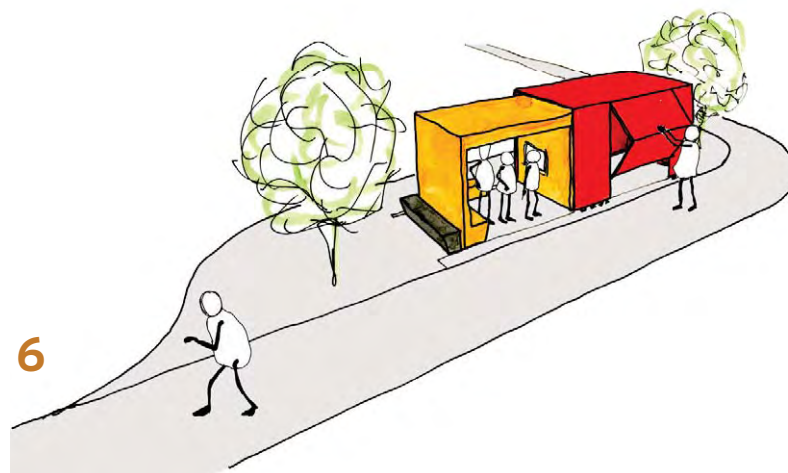
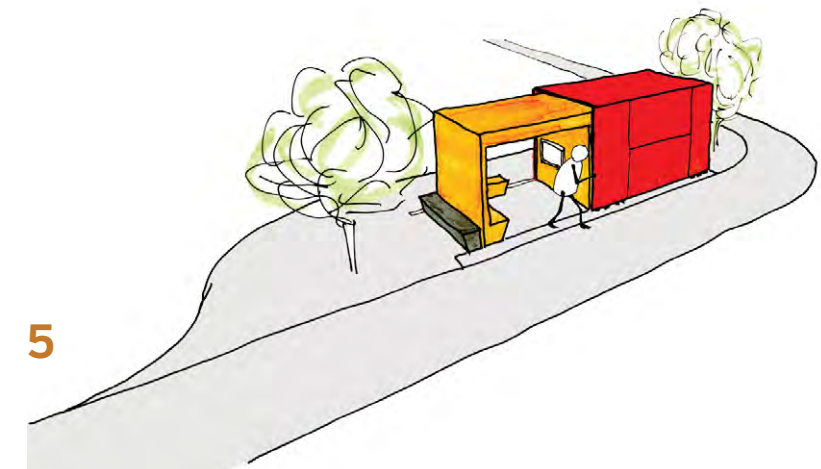
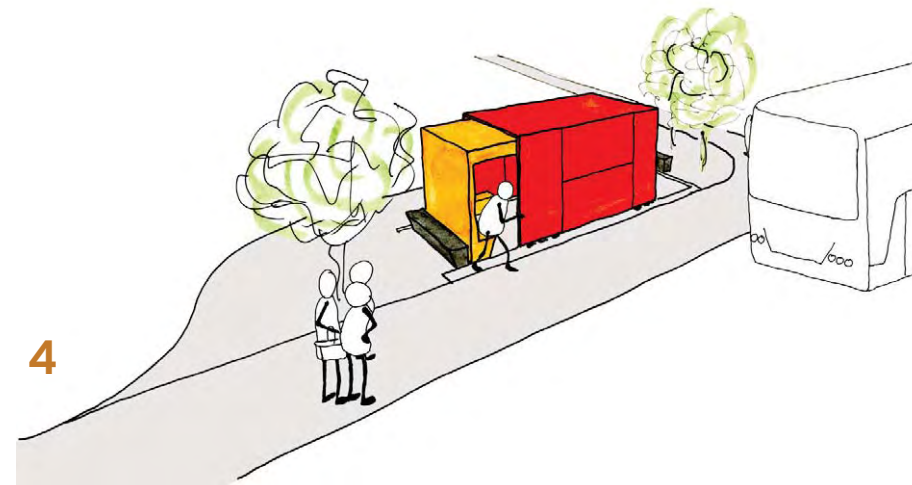
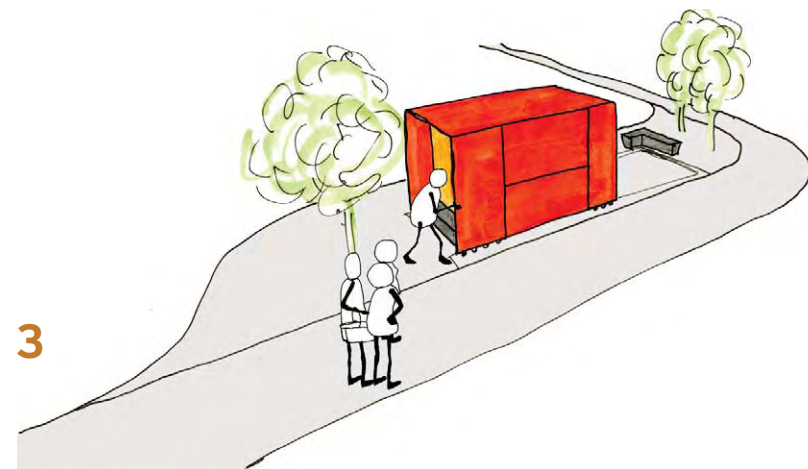
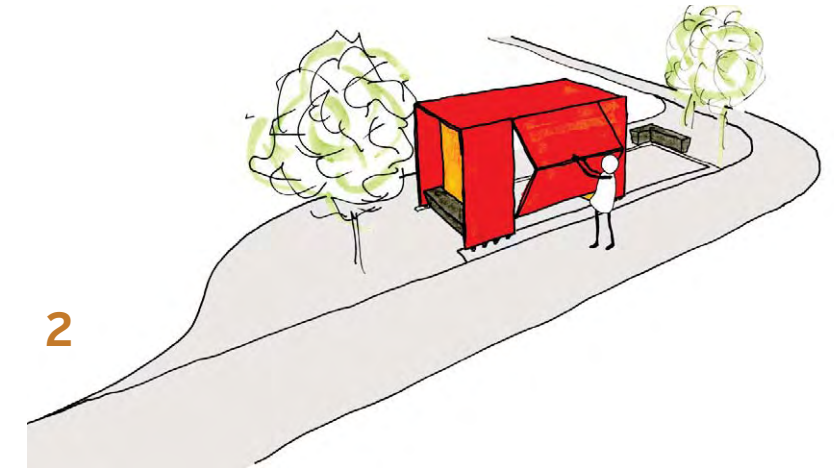
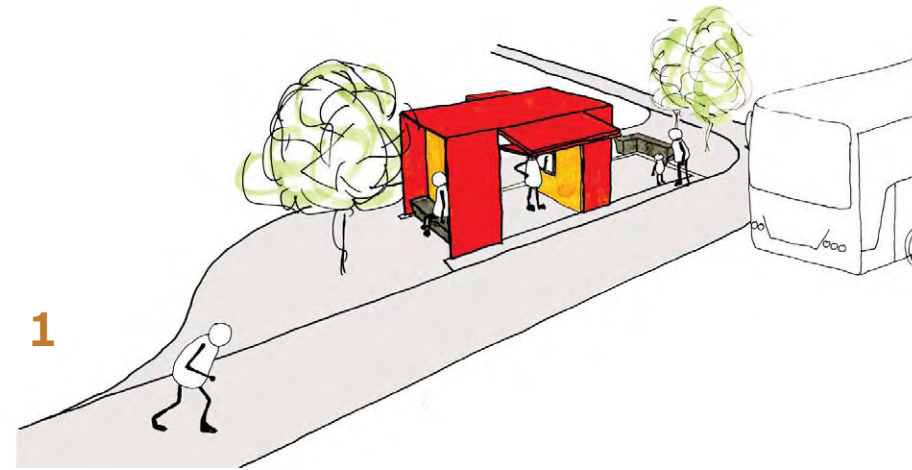
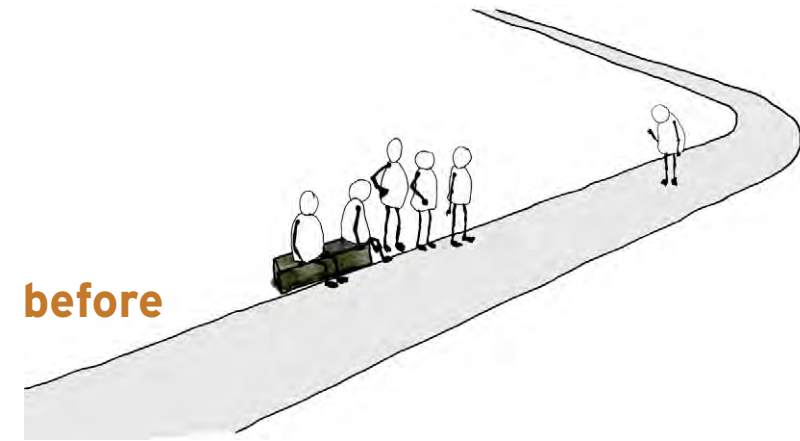
rotational programming cont.



end of process-finding what the  
community will support



# Oasis Bus Stop





COMMUNITY PROCESS: PROGRAM SELECTION

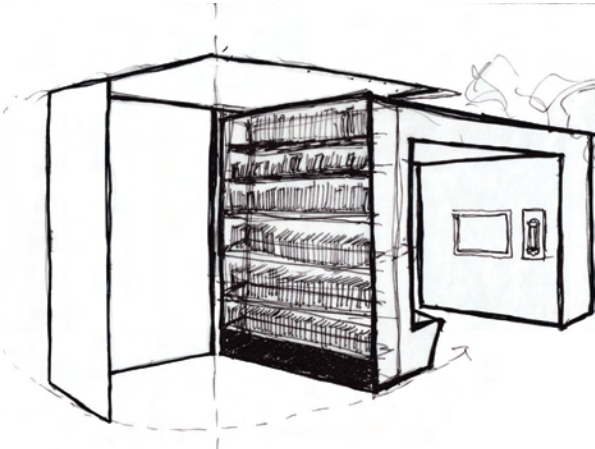


PROGRAM SELECTION

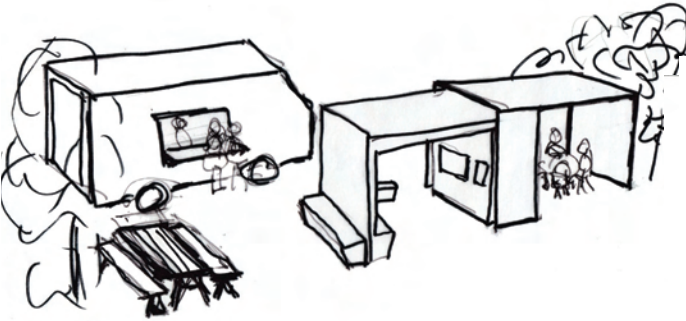
The neighborhood community is the expert on what types of programs would best serve the residents and the type of design that will best reflect the neighborhood. The intent is that the community drives the development of the Oasis Stops through a series of workshops with local residents. The workshops offer the residents a voice in choosing the program of each Oasis Stop as well as the physical aesthetics of each given Oasis Stop. In addition these workshops offer potential funding and service partners an opportunity to interact with the people that they are hoping to serve.



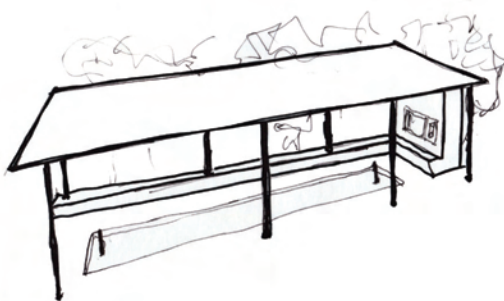
PARK



LENDING LIBRARY



FOOD TRUCK

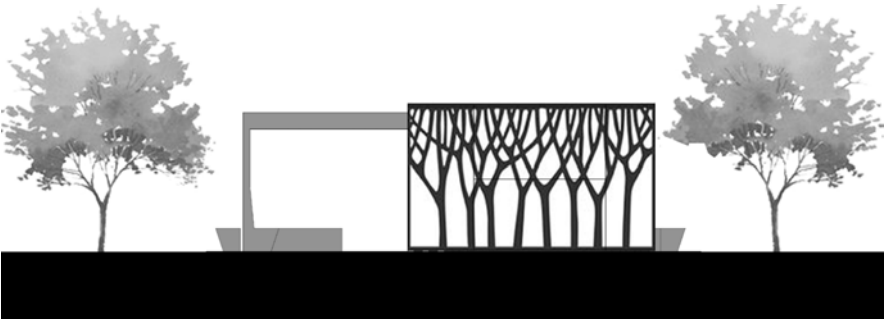
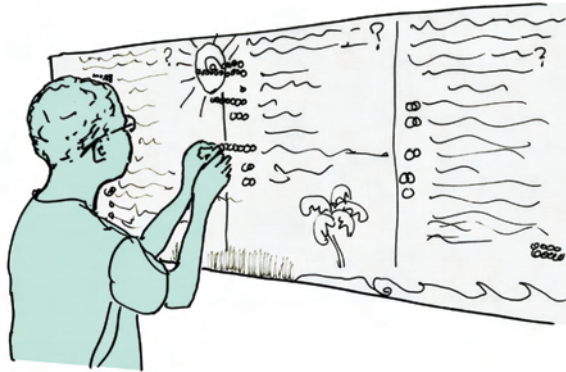


HORSESHOES

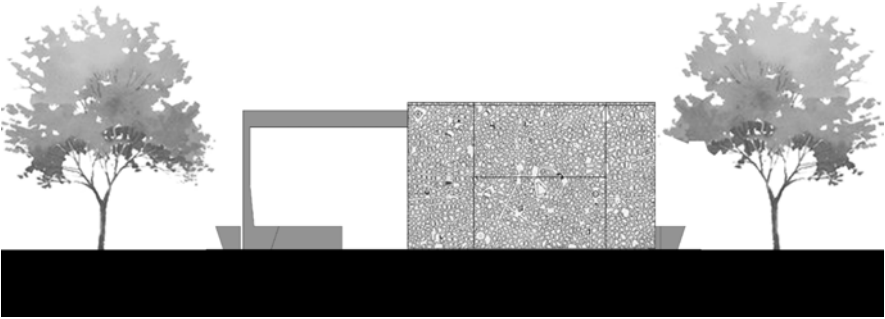
COMMUNITY PROCESS: SCREEN DESIGN



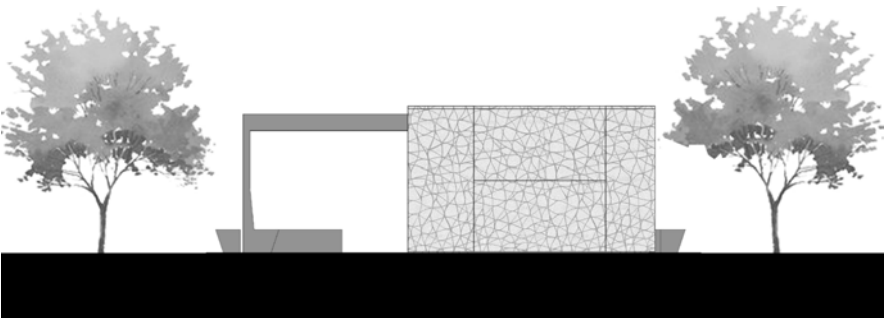
COMMUNITY PARTNERSHIPS



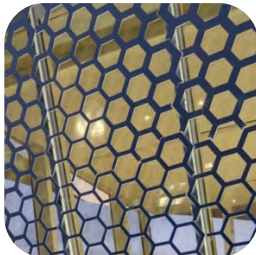
ORIGINAL ARTWORK



MAP OF NEIGHBORHOOD



PATTERN





# COMMUNITY PROCESS: MATERIAL SELECTION



MATERIAL EXAMPLES FOR STATIONARY BUS STOP



WOOD SLATS



PLYWOOD



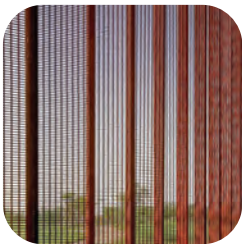
METAL PANEL



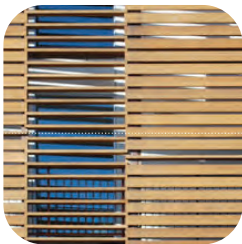
MATERIAL EXAMPLES FOR CUSTOM MOVEABLE SCREEN



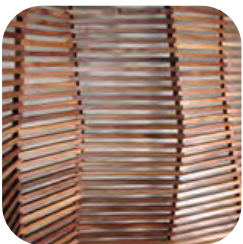
METAL MESH SCREENS



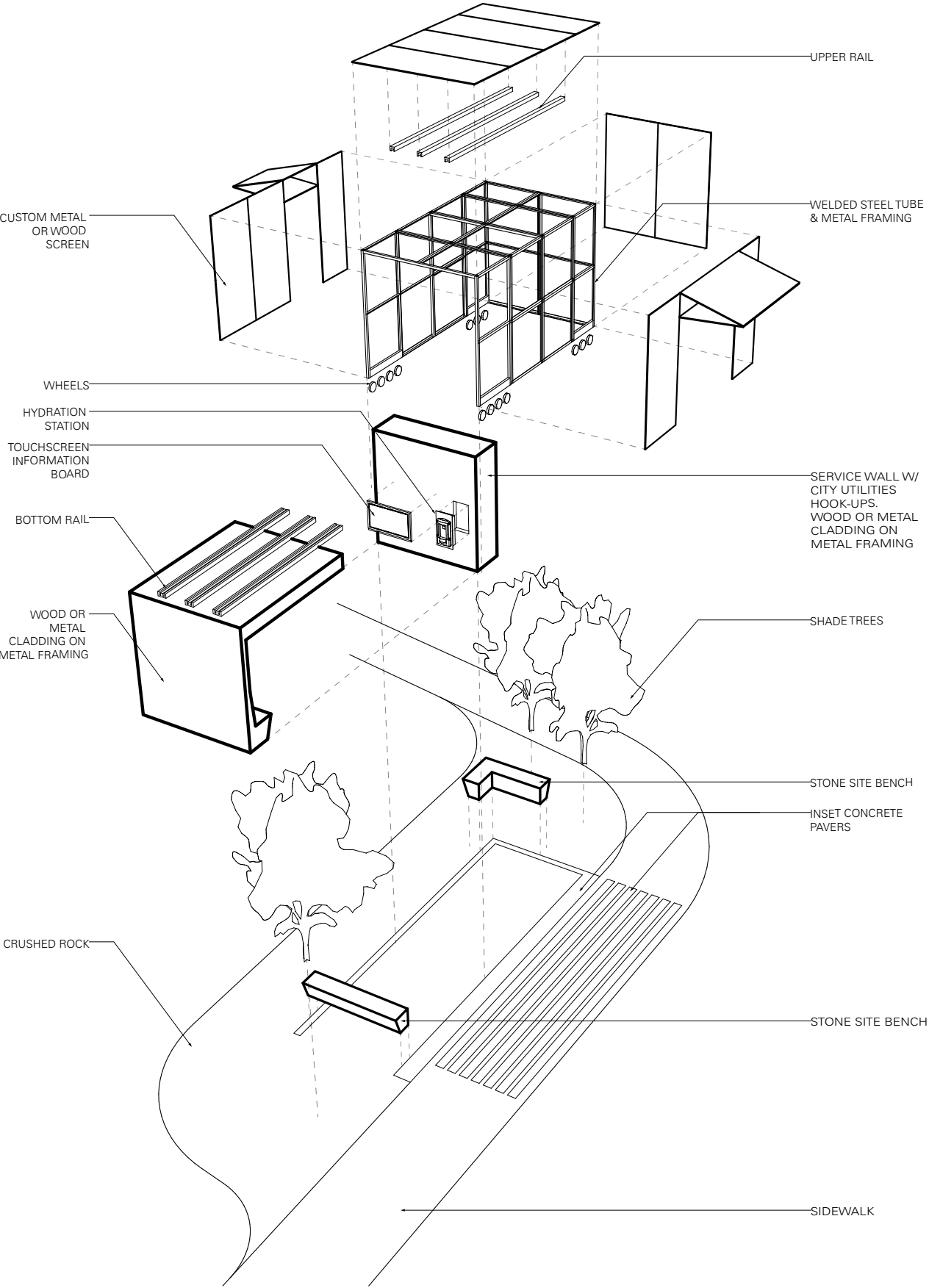
POLYCARBONATE



WOOD SCREENS



# KIT OF PARTS

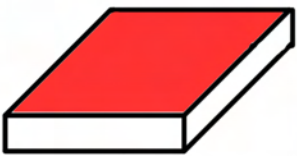




# Community Guide to Transit Stop Design



DESIGN CHARACTERISTICS - Platform



Platform area

- Key factors:
- passanger circulations
  - passanger waiting area

Max number of  
passengers in the stop  
at any given time

area required for  
stop infrastructure

$P_{max} \times (ft^2 \text{ per passanger}) + A_{inf}$

Level of service

ft<sup>2</sup>/p

User experience

A

>13

free standing and circulation

B

10-13

C

7-10

D

3-7

E

2-3

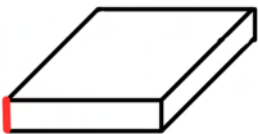
F

<2

direct physical contact with others  
extremely discomforting density  
no possible movement



DESIGN CHARACTERISTICS - Platform

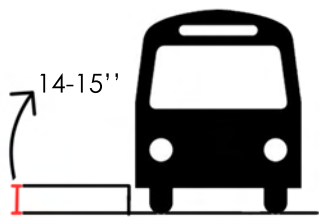
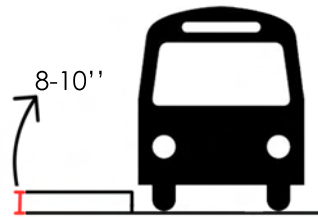
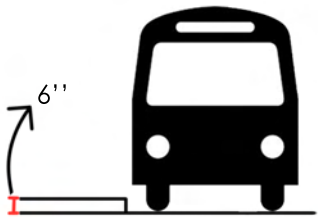


Platform heigh

Standard curb

Raised platform

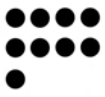
Level or near-level  
boarding



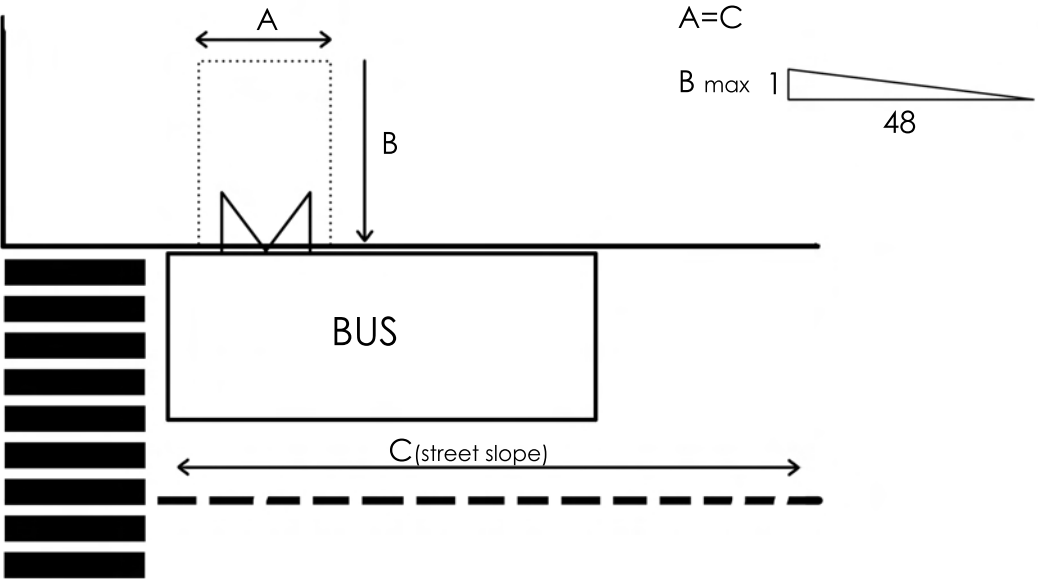
Vertical gap  
Dwell times  
User friendly

Vertical gap  
Dwell times  
User friendly

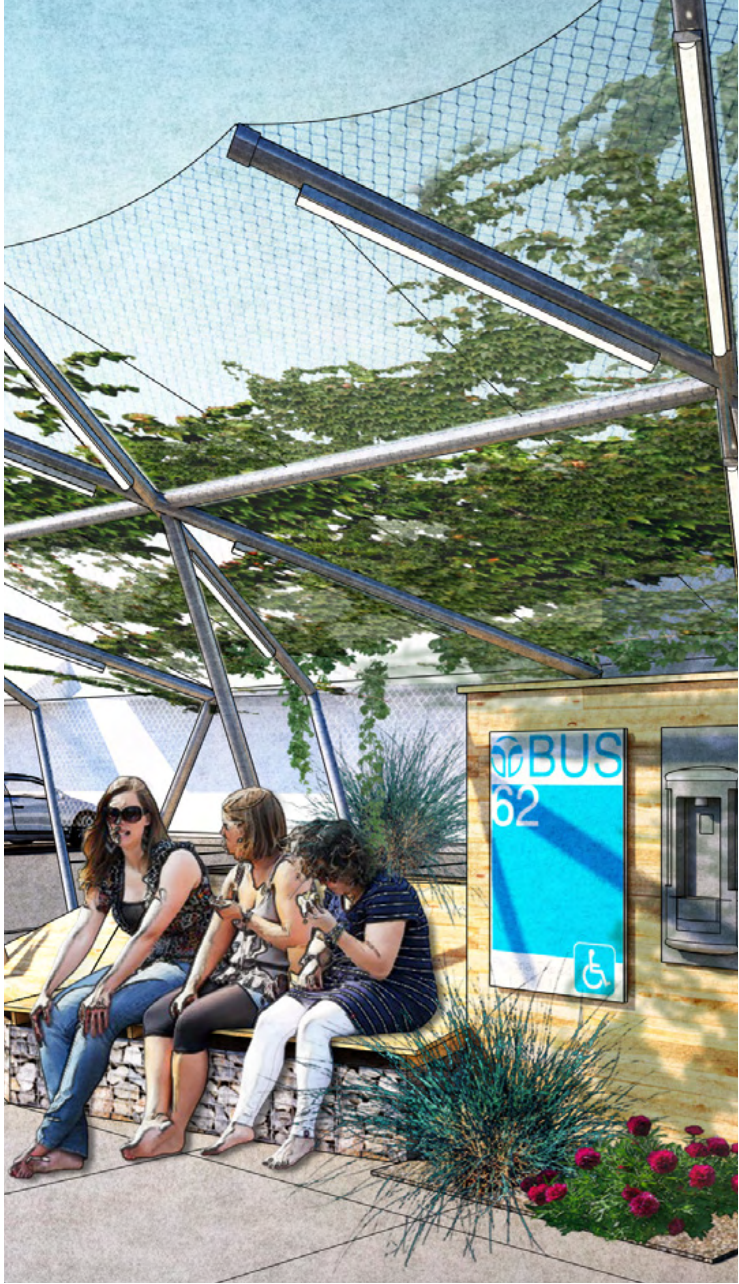
Vertical gap  
Dwell times  
User friendly



Bus stop boarding  
area slope





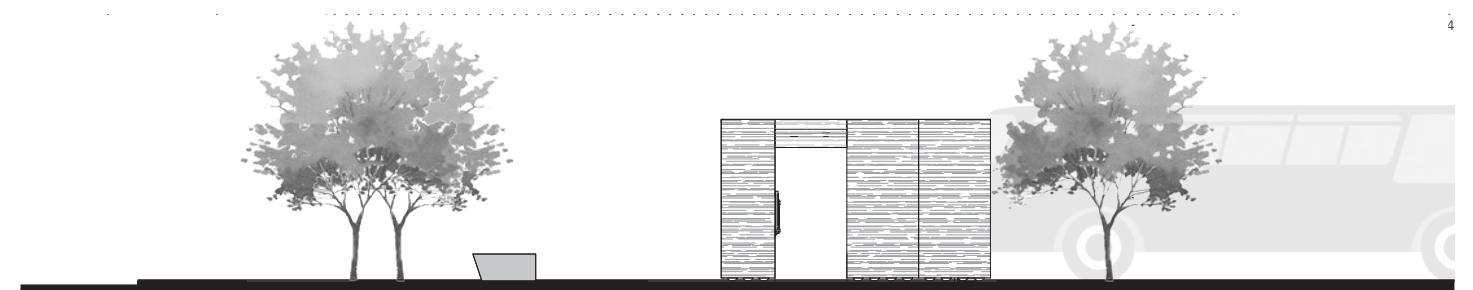






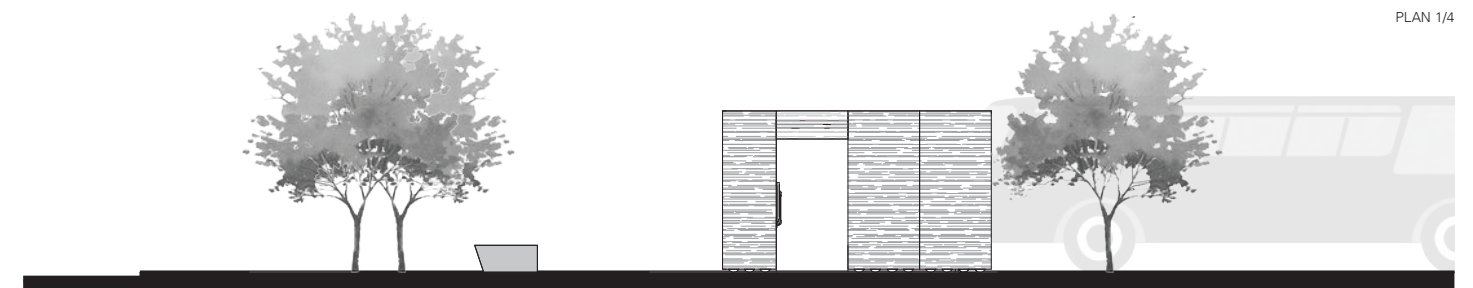
Center for Public Interest Design

## ELEVATIONS



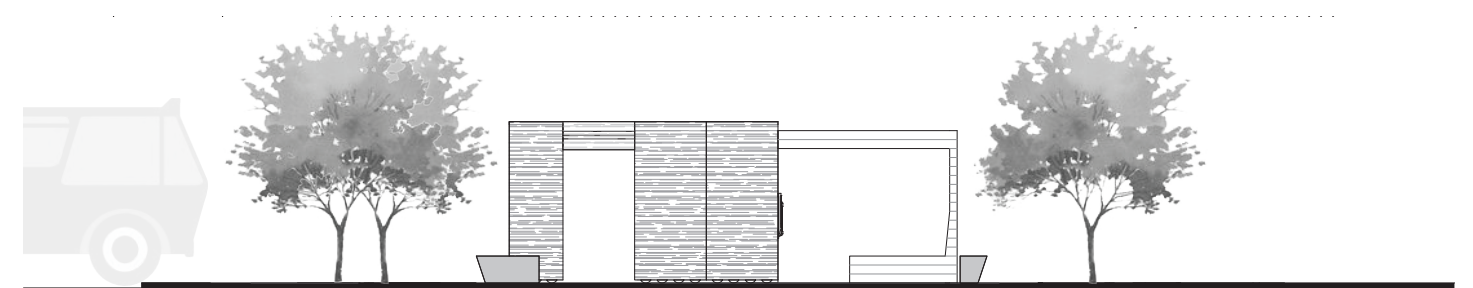
South Elevation in its closed position

4

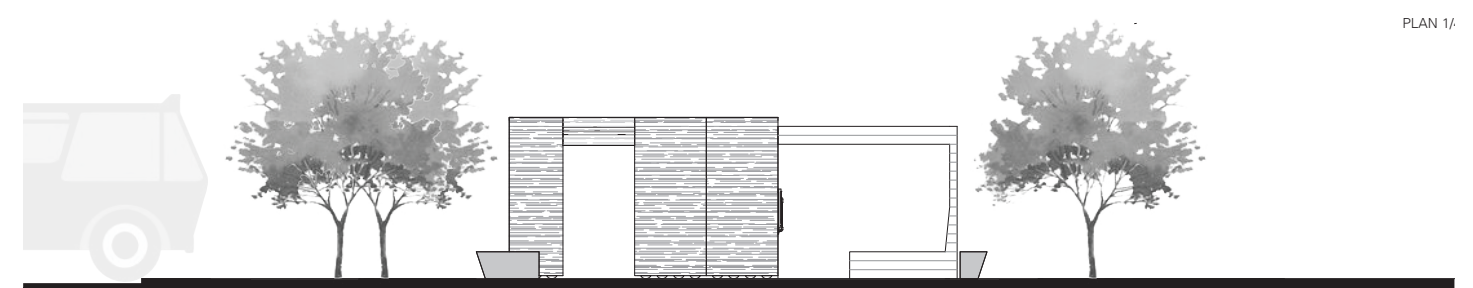


North Elevation in its closed position

PLAN 1/4



South Elevation in its open position



North Elevation in its open position

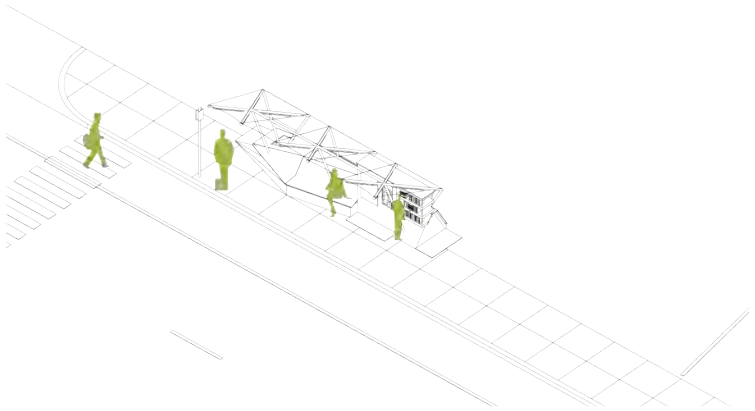
PLAN 1/4



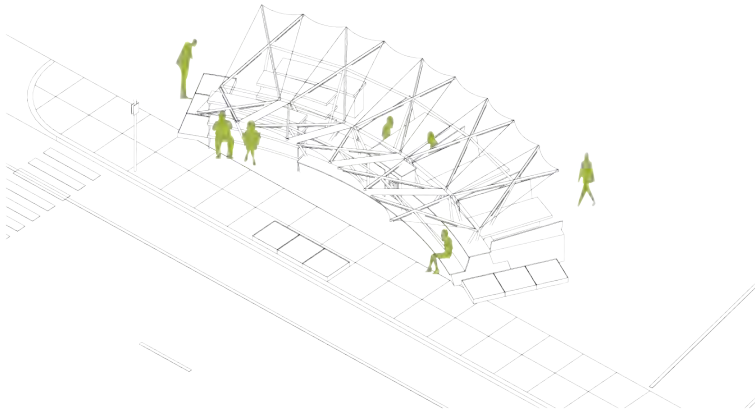


Scheme 2: *Link*

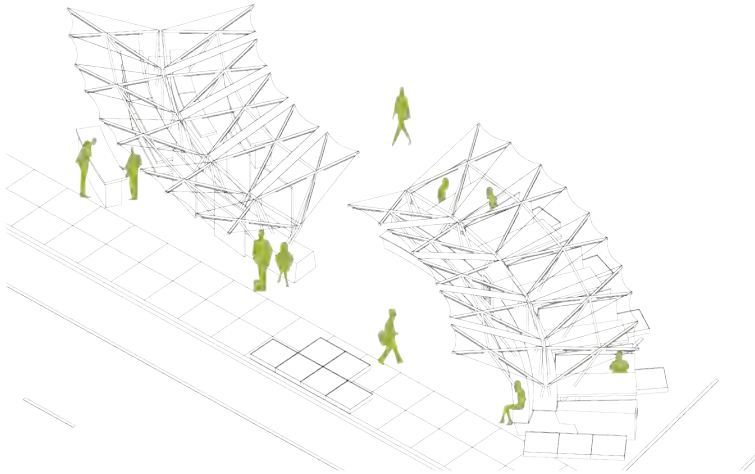
CONFIGURATIONS



S



M

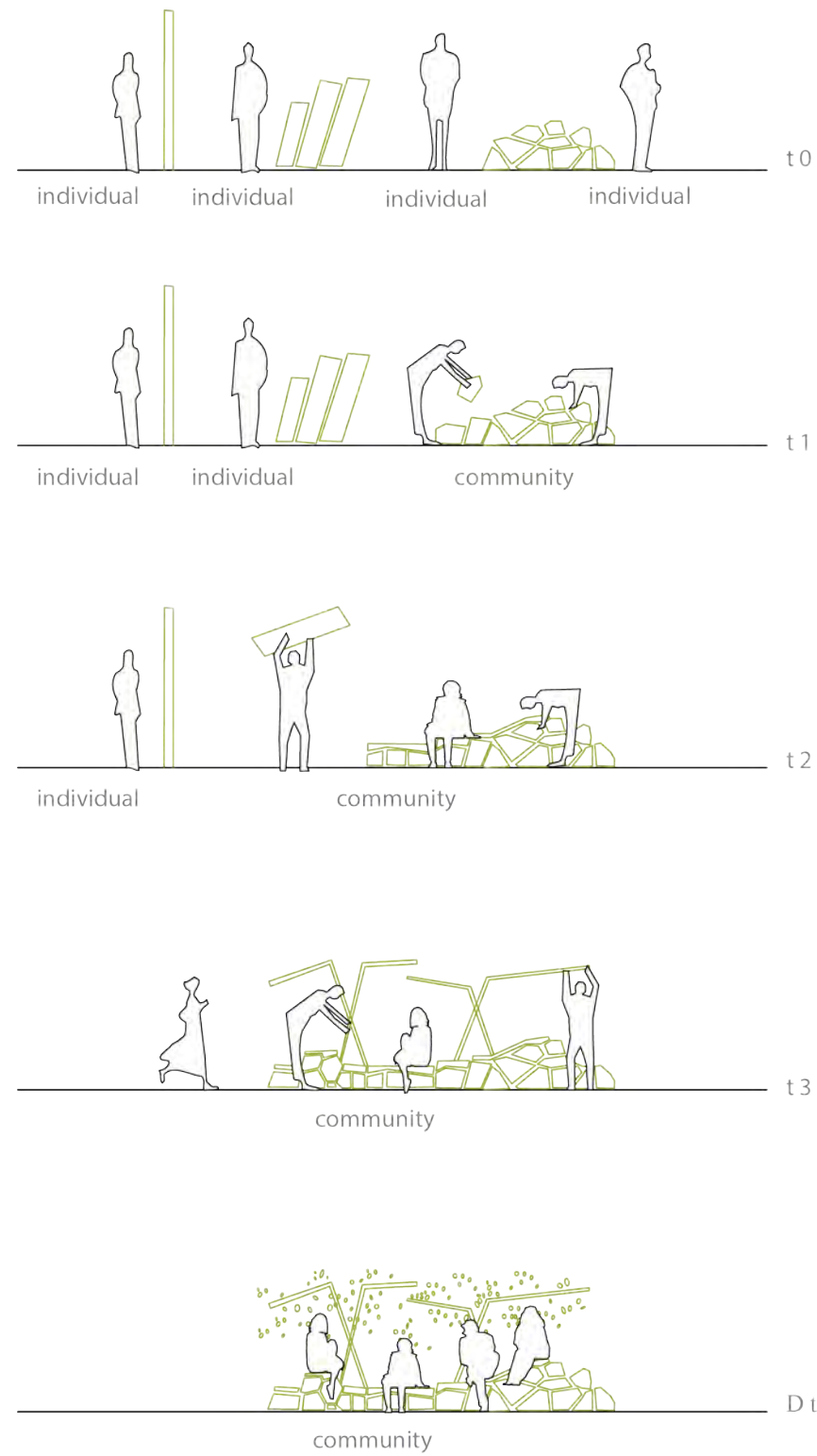


L



# COMMUNITY DESIGN COMPONENT

The community design component of the LINK stop is that the entire stop is made from “low-tech” recycled materials with the idea that the construction is actually carried out by the community members in conjunction with a local artist, community organization and transit authorities. The diagram below illustrates how individuals in the community could work together to within the design parameters, design a bust stop that fits their vision and needs.



# EVENING USE / SECURITY

Linear LED lighting attached to the underside of the structure will allow for safe levels of illumination while creating an aesthetically pleasing rhythm of light along the structure.

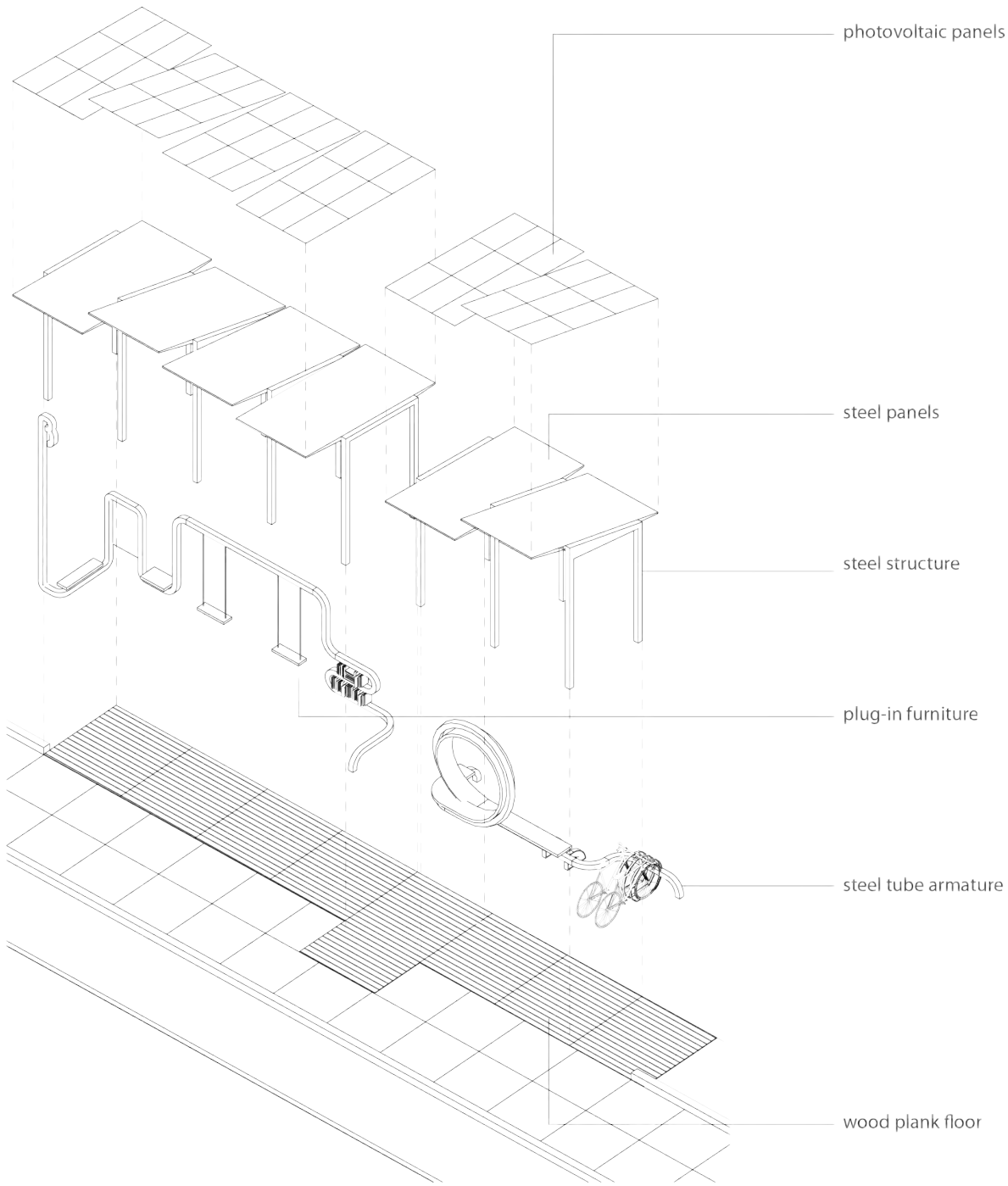






Scheme 3: *Rhythm*

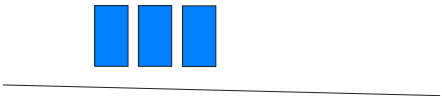
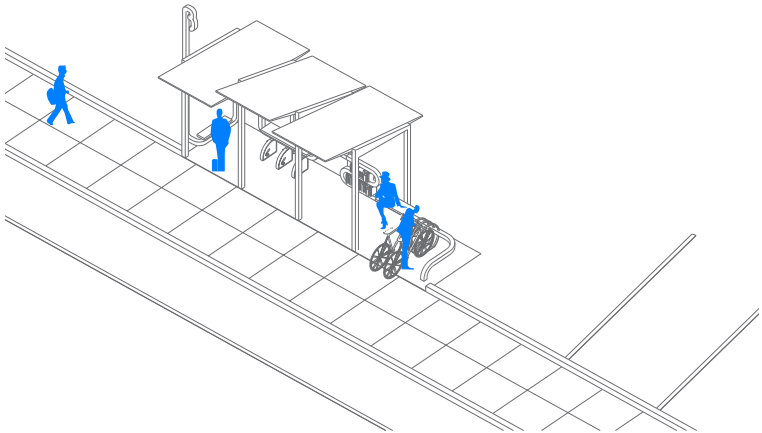
COMPONENTS





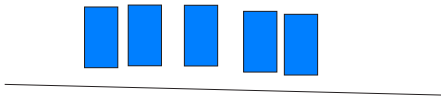
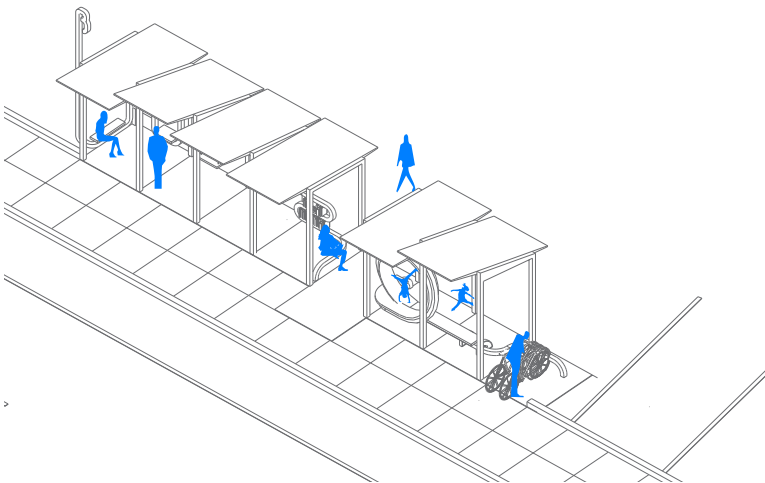
CONFIGURATIONS

S



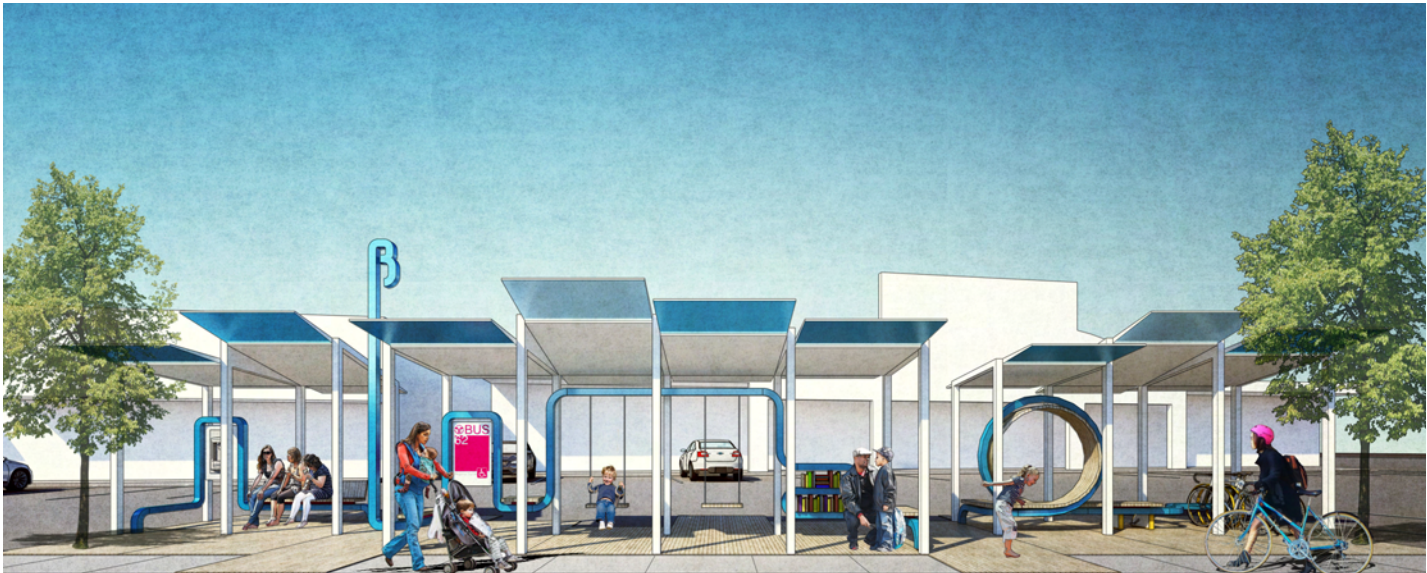
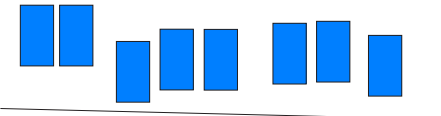
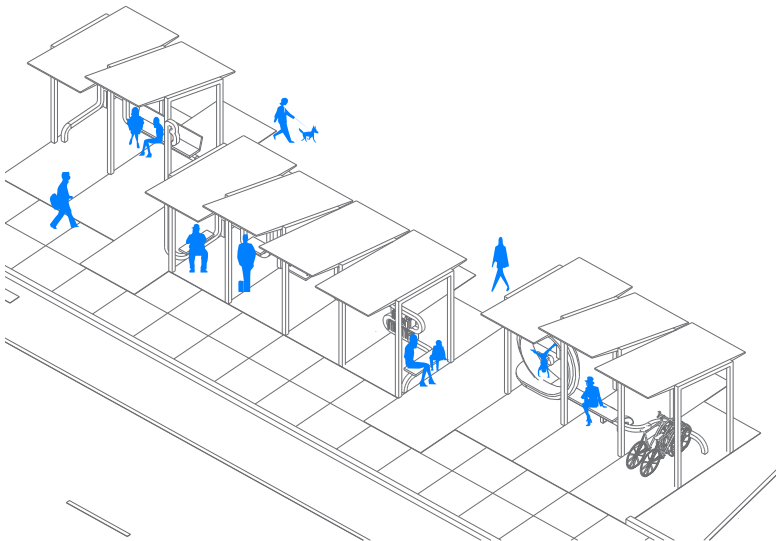
Small Configuration

M



Medium Configuration

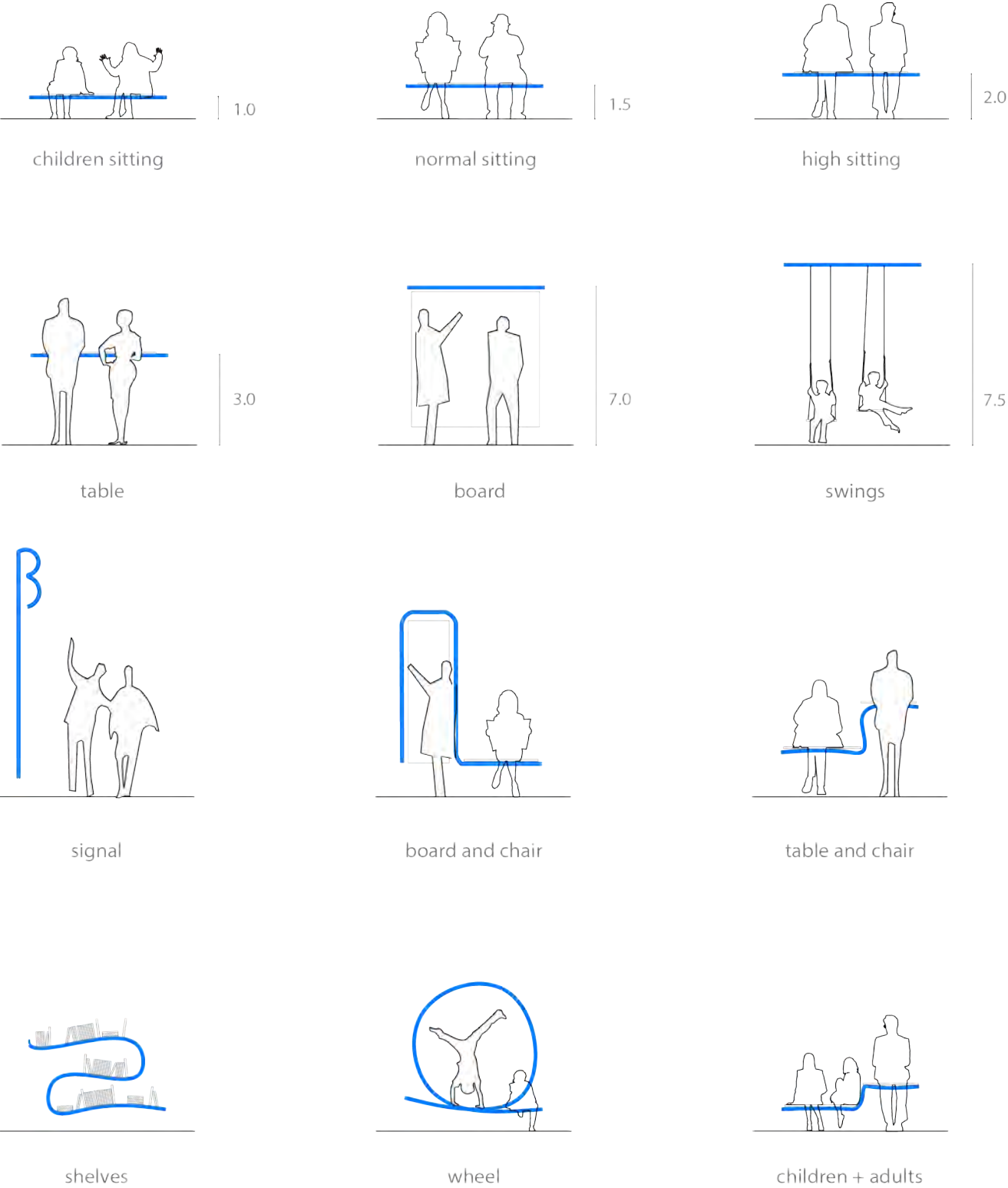
L



Large Configuration



**TUBE CONFIGURATIONS** - Examples responding to ergonomics and activities

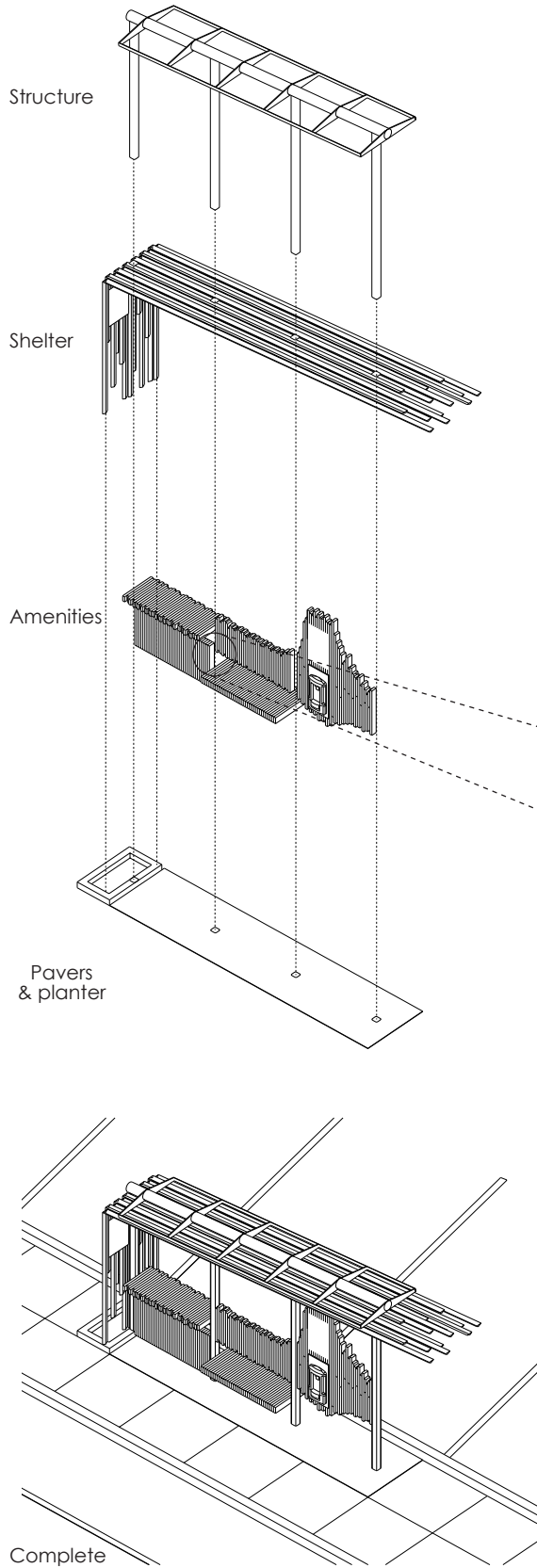






Scheme 4: *Diffuse*

COMPONENTS (BASIC CONFIGURATION SHOWN)

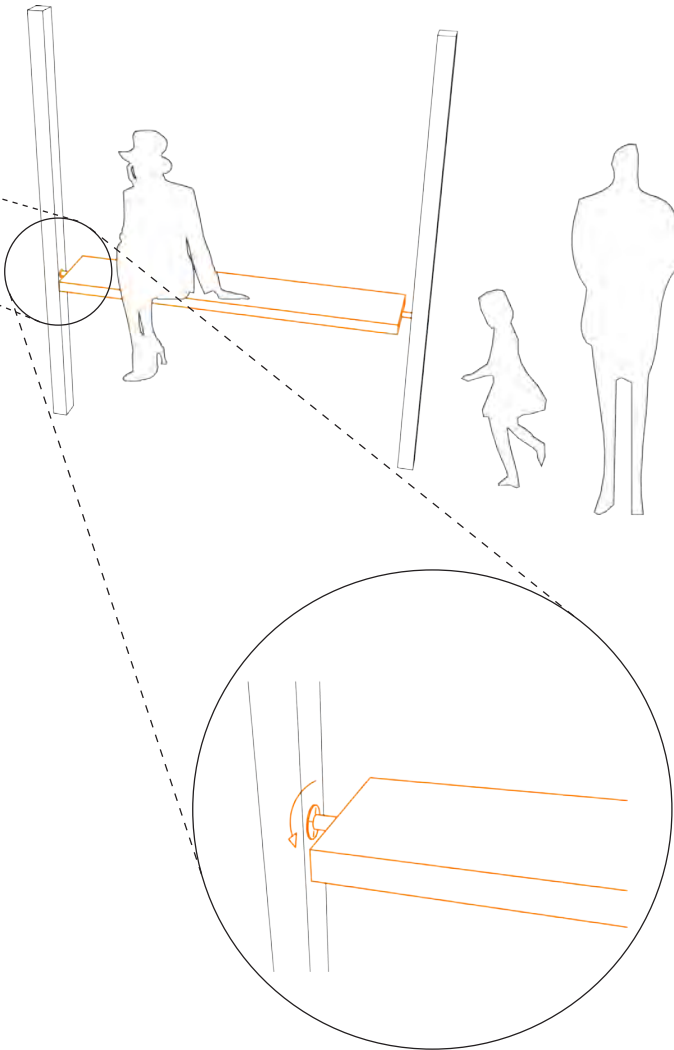


Structure and Shelter

A ceiling of aluminum channels diffuses sunlight, collects rainwater, and allows for open air flow.

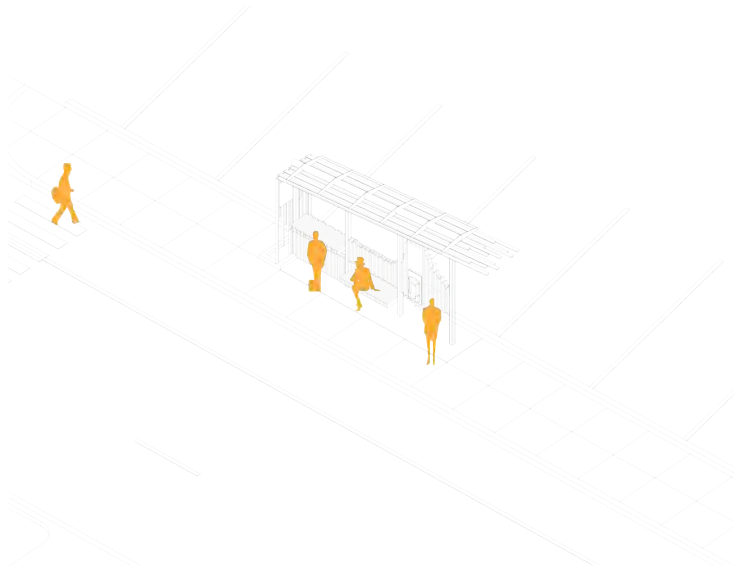
Amenities

Amenities include: hydration station, rotating bench/counter tops, and schedules. The larger bus stop would include lockable storage for micro retailers or anyone else interested in renting the stall for a day.

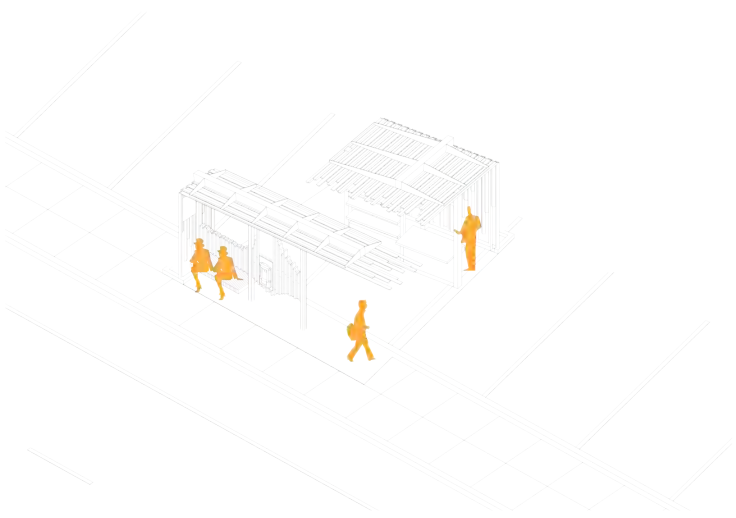




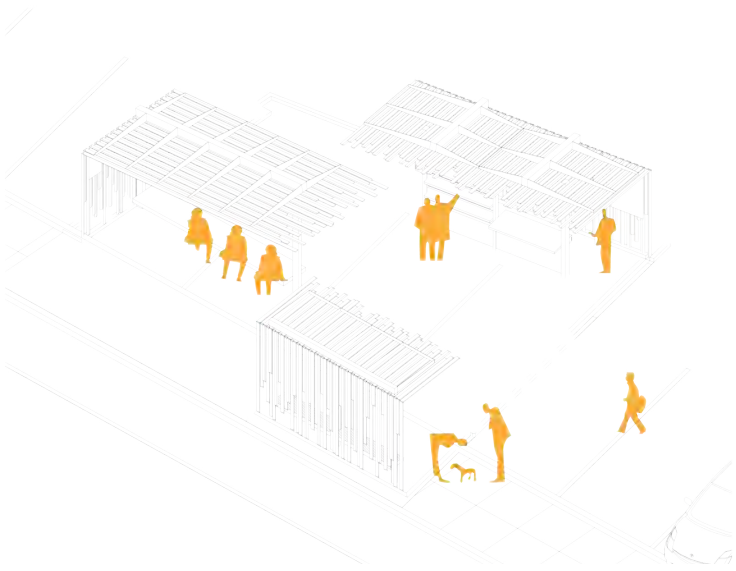
CONFIGURATIONS



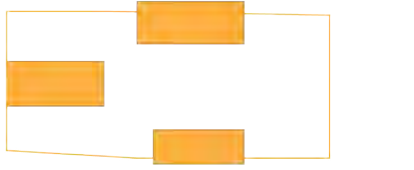
S



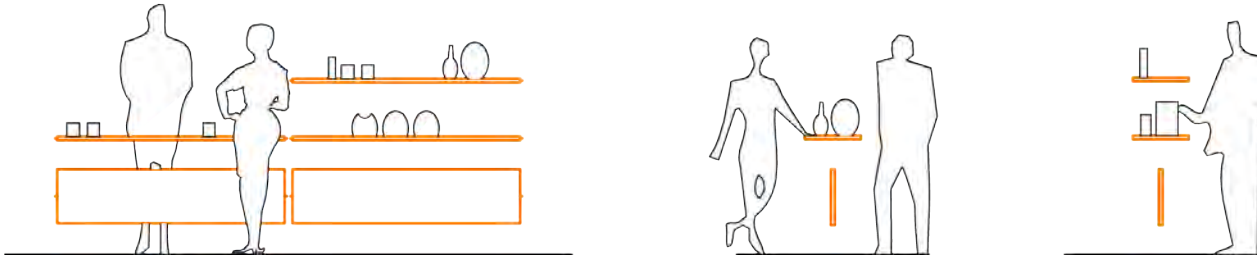
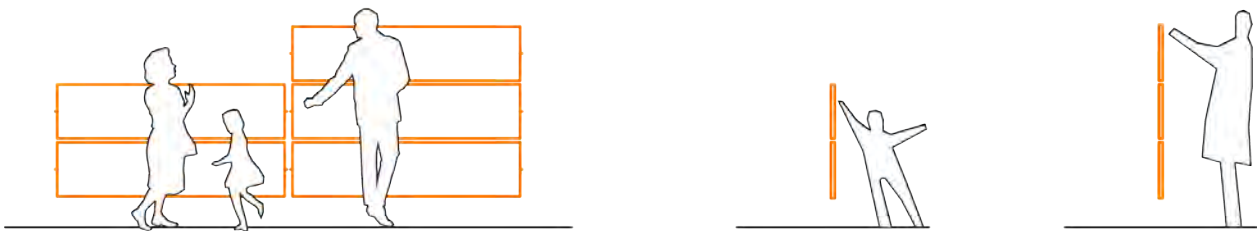
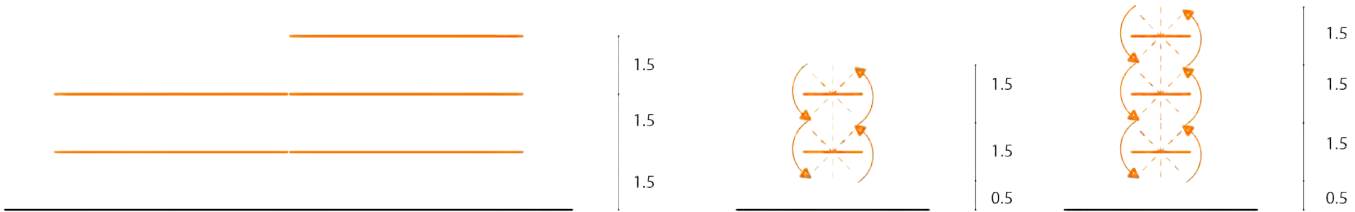
M



L





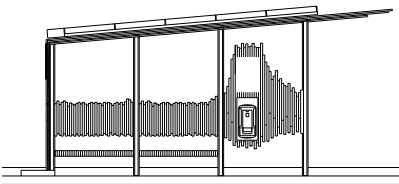




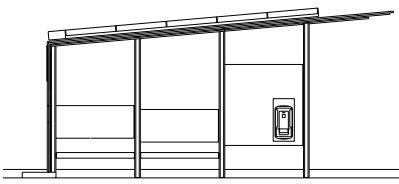
# COMMUNITY DESIGN COMPONENT

Prior to construction of the shelter, the community will be engaged and asked to participate in the final design. The community will have three options in what shape and wood they would like to use for the benches. Finally, the community will work with a local artist to create a graphic representative of the neighborhood which will be added to the benches.

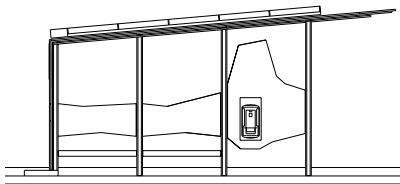
## STEP 1: SHAPE SELECTION



Diffuse



Square

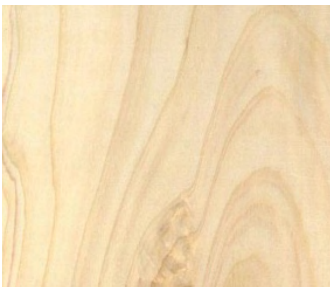


Iceberg

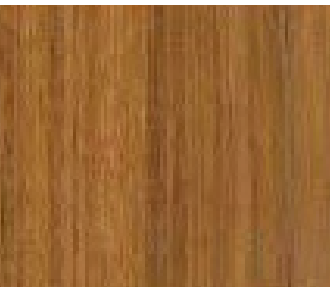
## STEP 2: MATERIAL SELECTION



Western Red Cedar

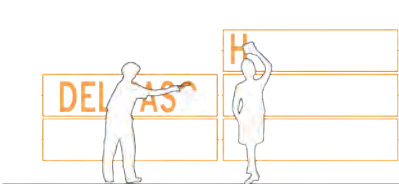


Northern White Cedar



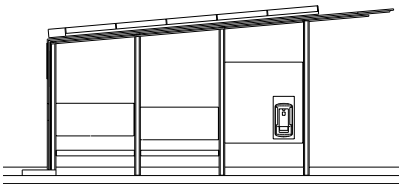
Teak

## STEP 3: COMMUNITY GRAPHIC DESIGN



Community-Designed Graphic

+



Bus Shelter

=



Final Design





**w/ sacramento**

**With Project  
Online Community Tool**



participate

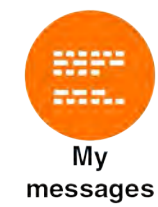
view messages





**Add your ideas or  
proposals here.**

**Map challenges and  
opportunities here.**





# Describe your idea

Describe your idea (maximum of 140 characters)





# Choose a category



community



environment



transportation



other



public space



home



about



My messages



My profile



log out



4/6

# Choose some tags

Up to 5 keywords

facilities people Openspace Trees improvement ilovethisplace sunshine activities  
toilet children sea!!!! transport park safe view pet youshouldgo water  
universaldesign fitness tree fishing elderly space Greening bench wind noise music  
Thesenior(Elder) grass elders cycling area user inconvenienceaccess waterpond  
ventilation Plants protect furniture plant lunchtime cover pond voice block caring  
health railing

You can also add your own keywords, comma separated.

health



home



about



My  
messages



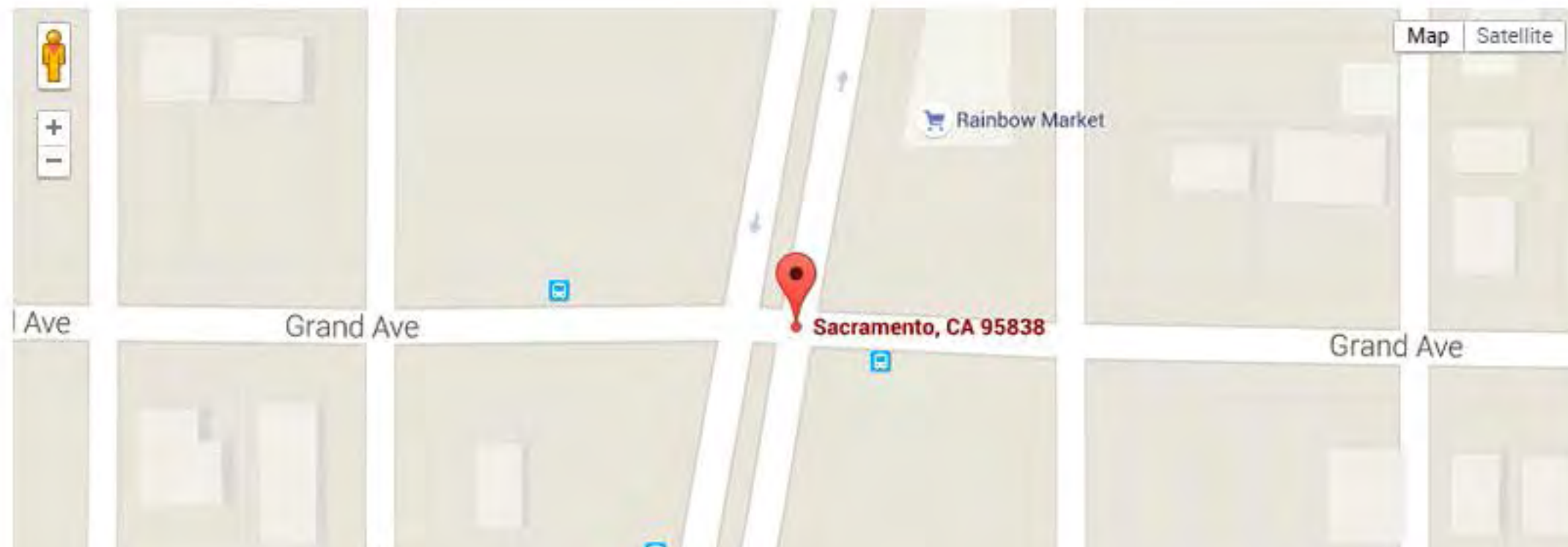
My profile



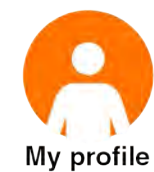
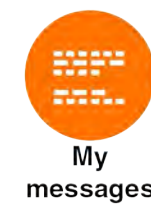
log out



# Choose a location



**Marysville and Grand, Sacramento, CA**





# Add a photo and a link



Choose an image



http:

Add a link



home



about



My  
messages



My profile



log out



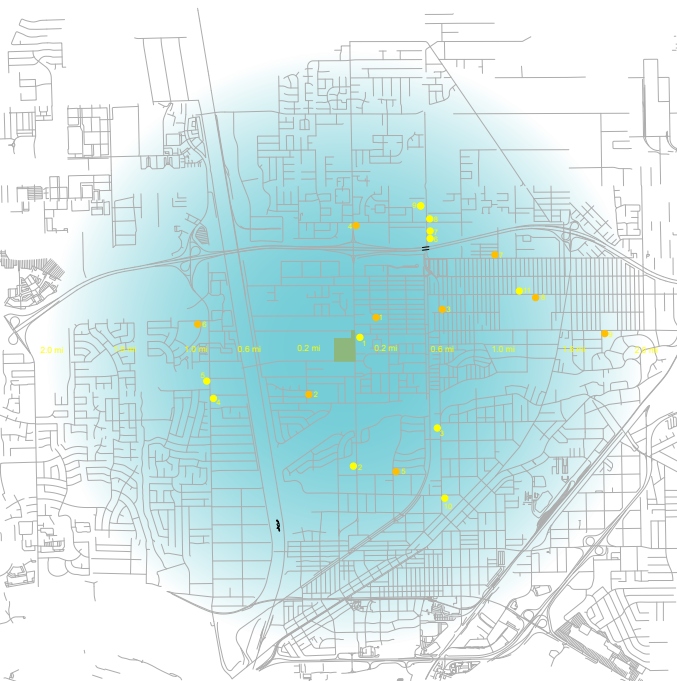
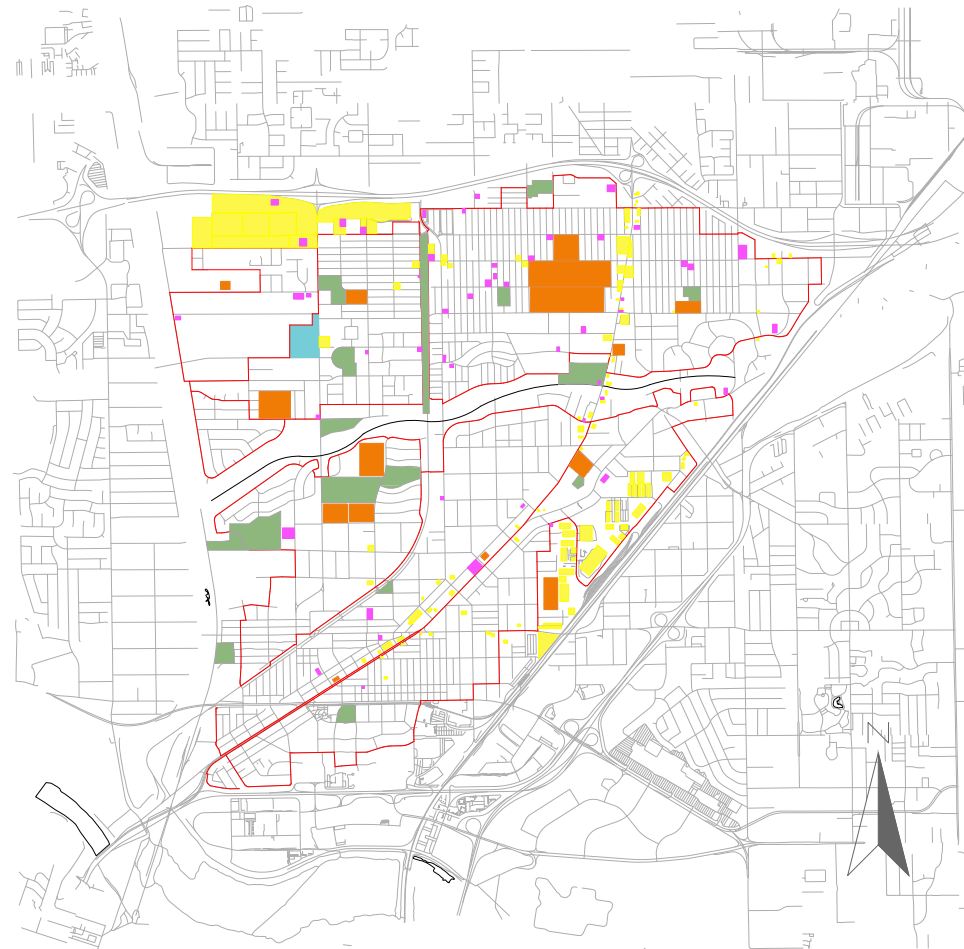
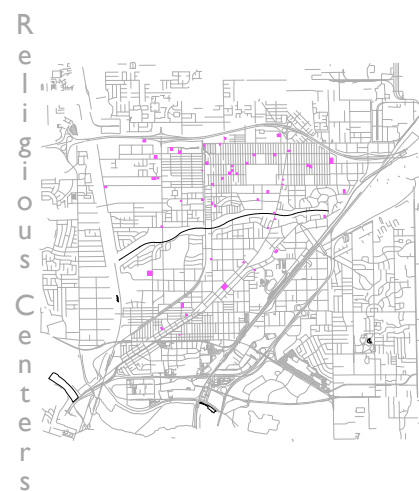
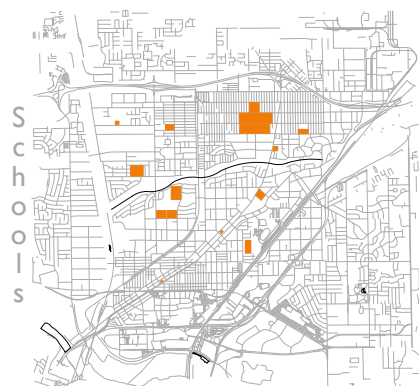
# Del Paso Heights Sports Center





**Research  
Phase**





#### Purple = Food Amenities:

- 1- Pothong Asian Market
- 2- Crown Market Shopping Center
- 3- Park n' Save Market
- 4- Foods Co. Shopping Center
- 5- Long John Silver's Restaurant
- 6- Starbucks
- 7- Jack in the Box
- 8- McDonald's
- 9- Norwood Shopping Center
- 10- Jimmy's Deli
- 11- Comfort Market Grocery Store

#### Orange = Local Schools:

- 1- Del Paso Heights Elementary
- 2- Fairbanks Elementary
- 3- Del Paso Heights Library
- 4- Glenwood School
- 5- Harmon Johnson Elementary
- 6- Garden Valley Elementary
- 7- North Avenue Elementary
- 8- Grant Union High School
- 9- Michael J. Castori Elementary



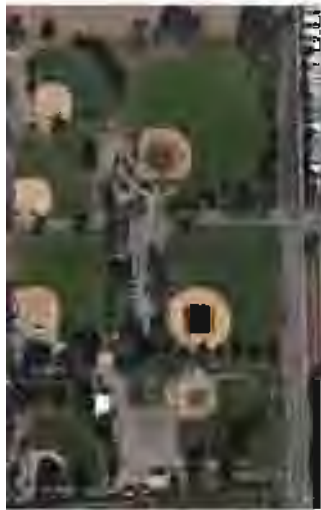




- 1: Robertson Park**
  - Baseball Field
  - Three Basketball Courts
  - Community Center
  - Restrooms
  - Skatepark
  - Soccer Field
- 2: Del Paso Park**
  - Two Baseball Fields
  - Play Area
  - Connected to School
- 3: Paso Nuevo Street Park**
  - Walking Paths
  - Play Area
  - Soccer Field
  - Stage
  - Pond
- 4: Redding Park**
  - Bike Paths (part of loop system)
- 5: North Ave. Park**
  - Picnic Area
  - Connected to School (closed)
- 6: Del Paso Heights Park**
  - Baseball Field
  - Play Area
- 7: Hagginwood Park**
  - Soccer Field (all weather)
  - Seven Picnic Areas
  - Baseball Field
  - Basketball Court
  - Community Center
  - Play Area
- 8: Castori Park**
  - Connected to School







KEATING PARK, VACAVILLE 20 acres

7 Fields  
Amenities: Bullpen, dugouts, concession stand Restrooms, 10 picnic cables, 7 backtops, 1 scoreboard, 3 grandstands, storage areas multi-purpose fields.



AL PATCH PARK, VACAVILLE 30 acres

4 Fields, 1 Track  
Amenities: 3 lighted softball fields, 1 lighted football field, track, concessions, restrooms and water stations.



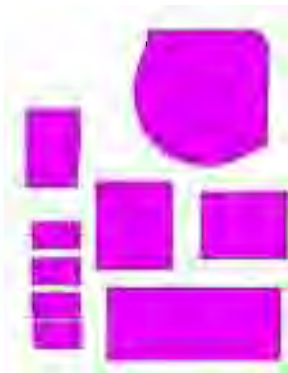
GALT COMMUNITY PARK, GALT 20 acres

1 Field  
Amenities: Play structure, Restrooms, pavillion picnic area, 2 lighted sand volleyball courts, 5 tennis courts, horse shoe pits, baseball field, basketball court batting cages, trail walkway.

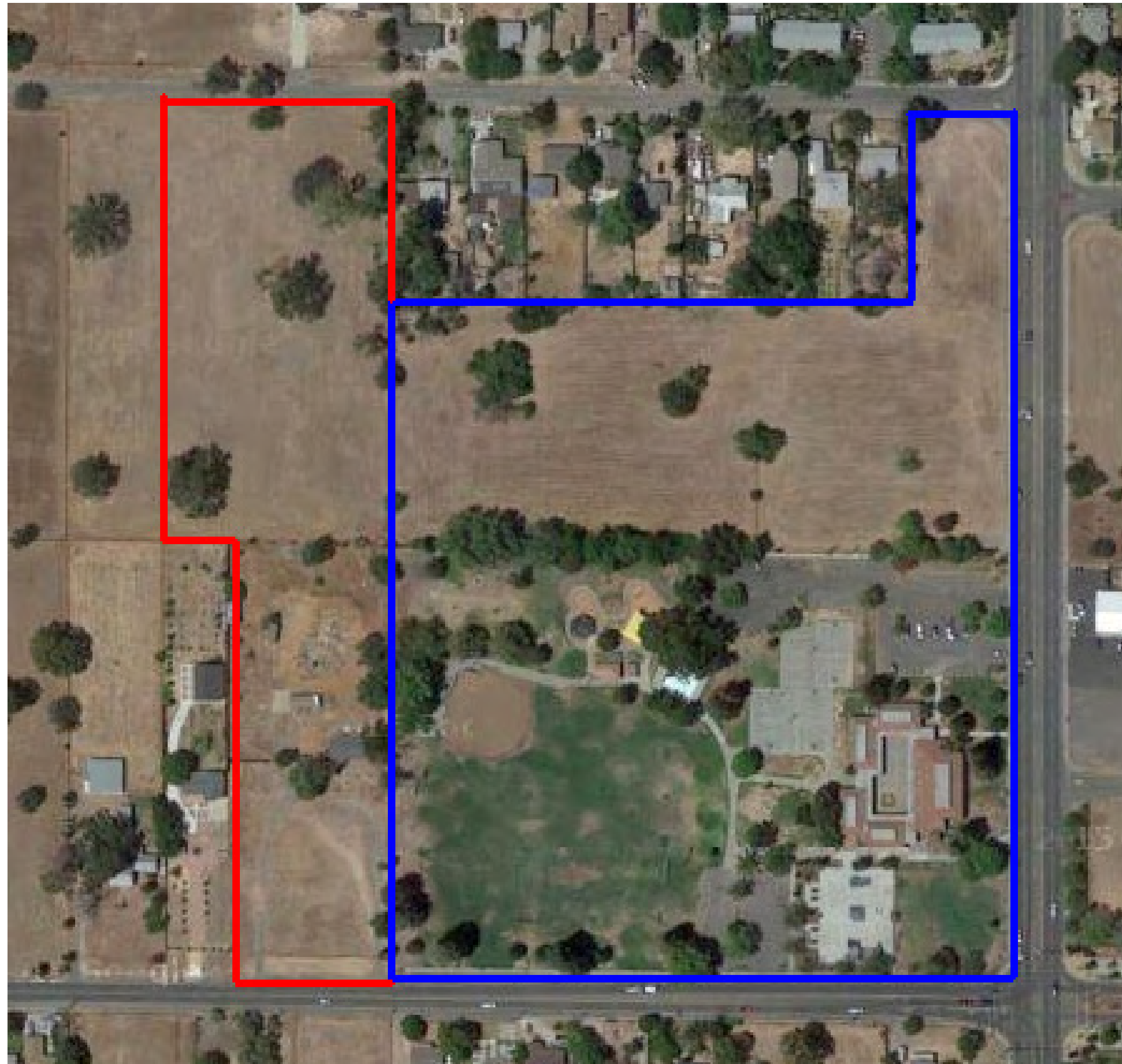


ROBERTSON PARK, SACRAMENTO 15 acres

2 Fields  
Amenities: Skate park, restrooms, 1 soccer field, open turf area, water spray area, tot play area, adventure play area, picnic spaces, community center, 3 basketball courts, 1 baseball field.





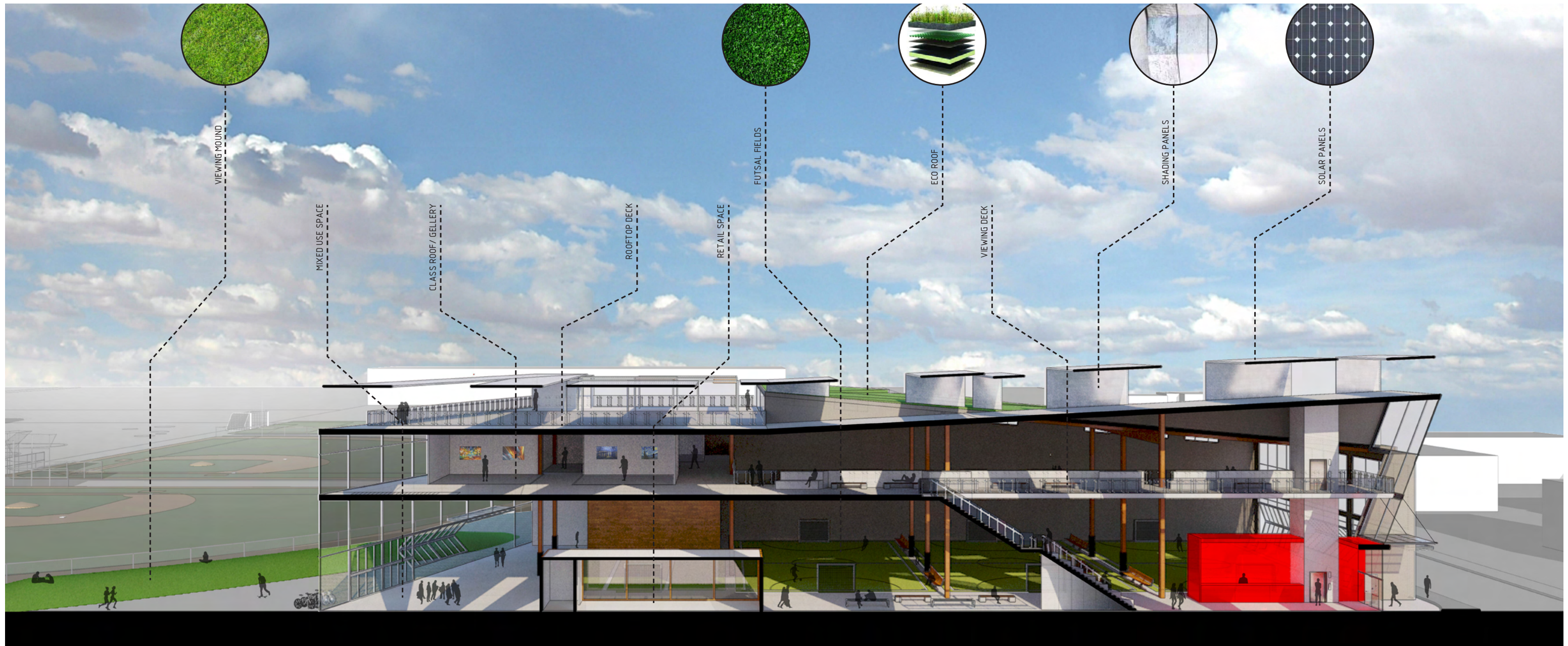
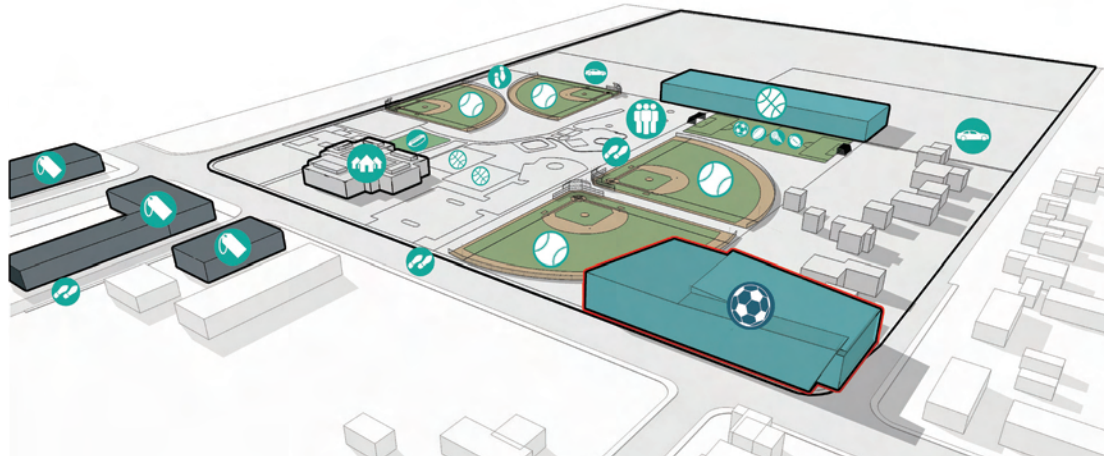


# DPHSC will

- Create a location for local youth and adult sports in a self-sufficient model.
- Become a destination for regional families and a reason to come into Del Paso Heights.
- Provide local economic opportunity for retail stores and eateries.
- Introduce a location for residents to gather in a safe, social environment around food or sports.

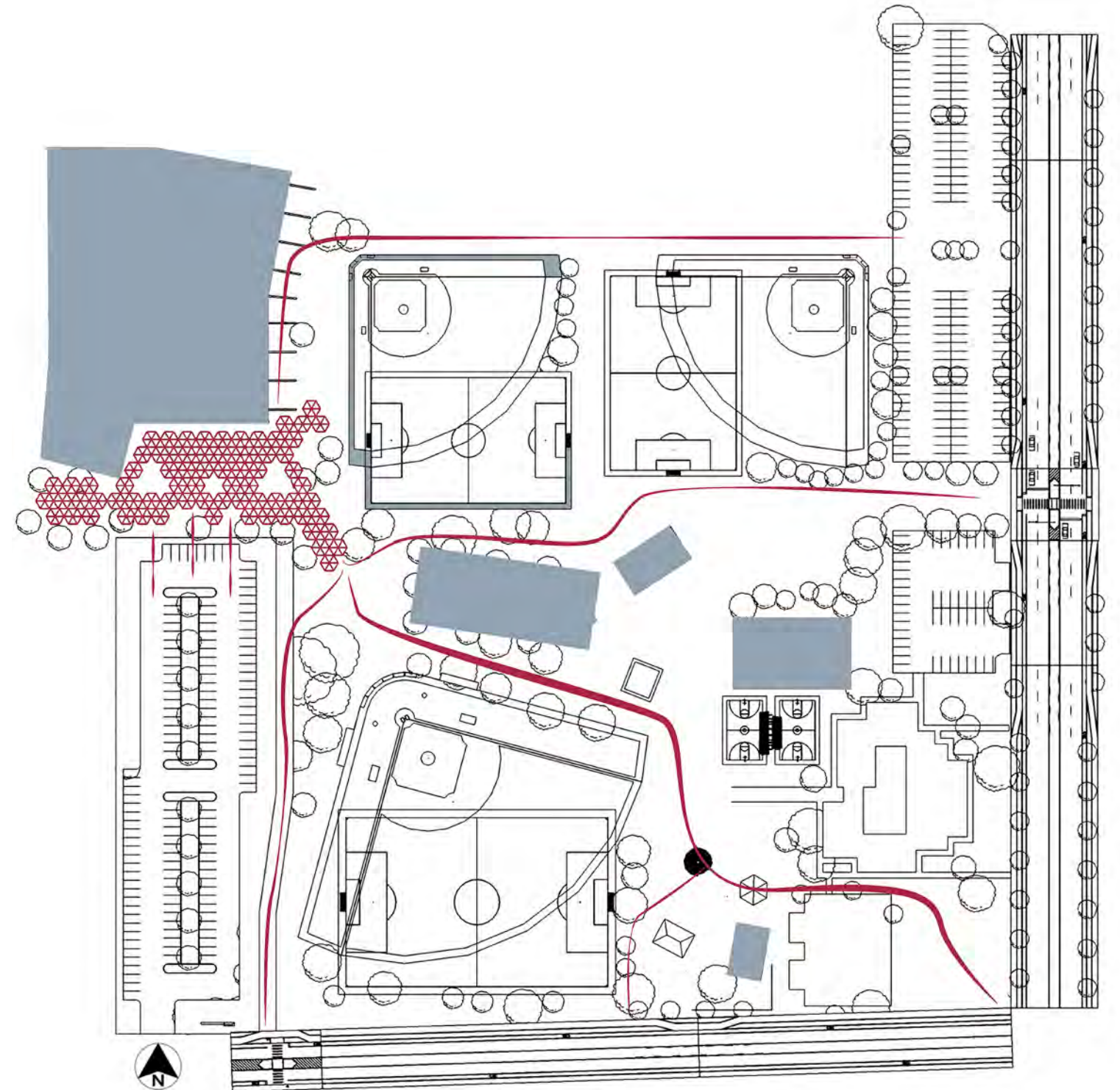


# Terminus Sports Facility



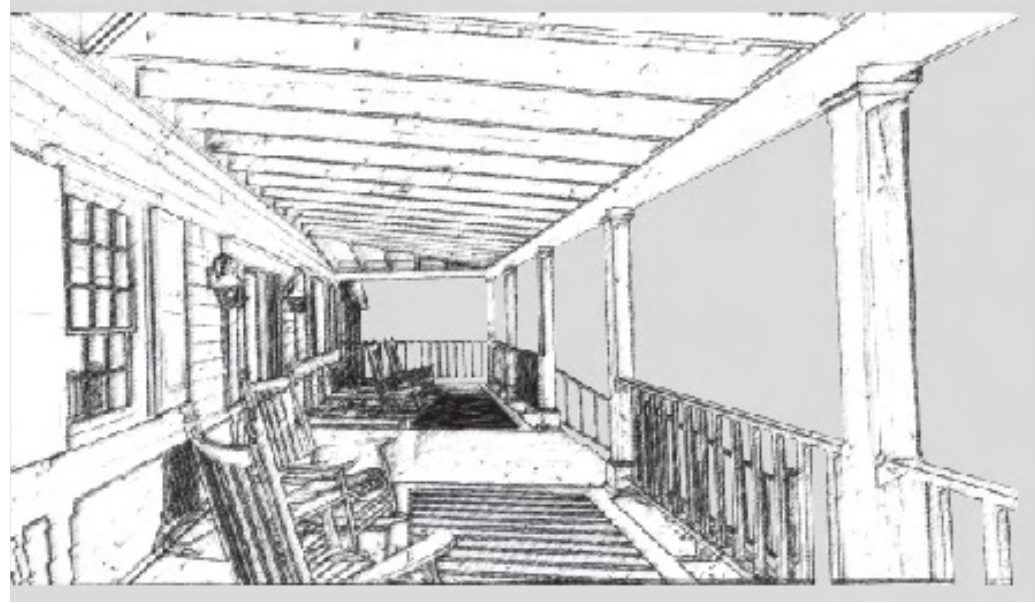


# DPHSC Connector



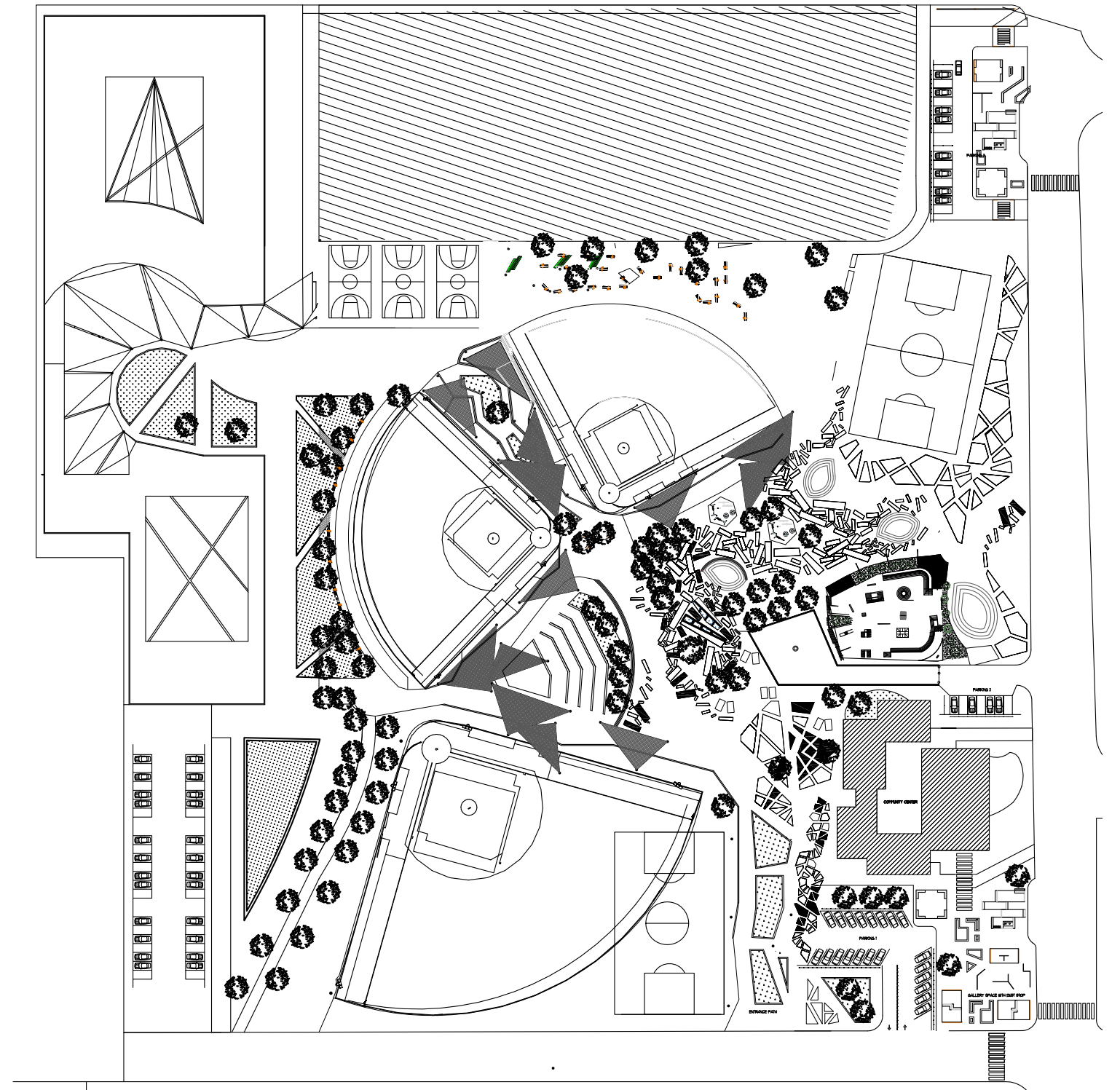


# Community Porch



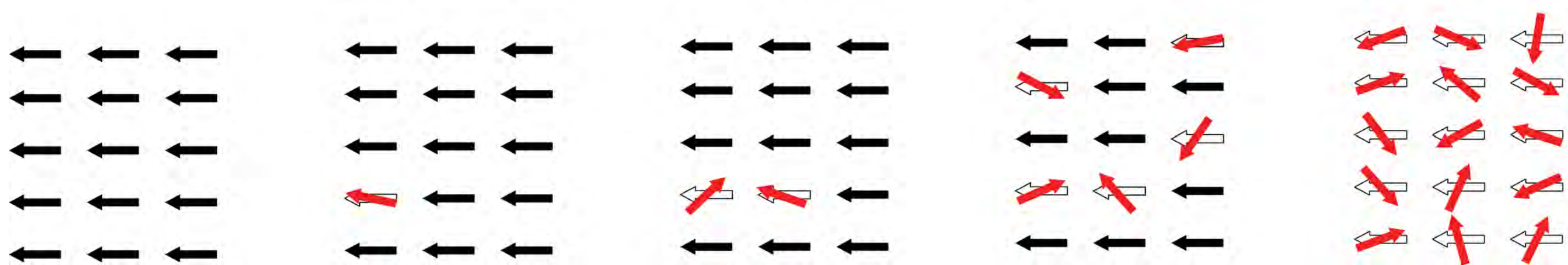


# The Hub





# Beyond Bleachers

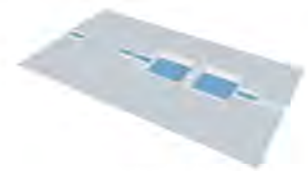




# Place Through Pavilions



safety defined by

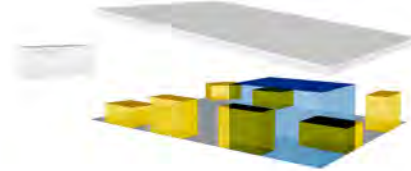


needs

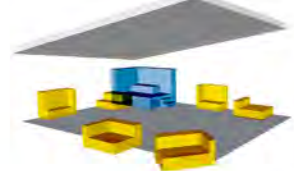
access to water



fresh air



food

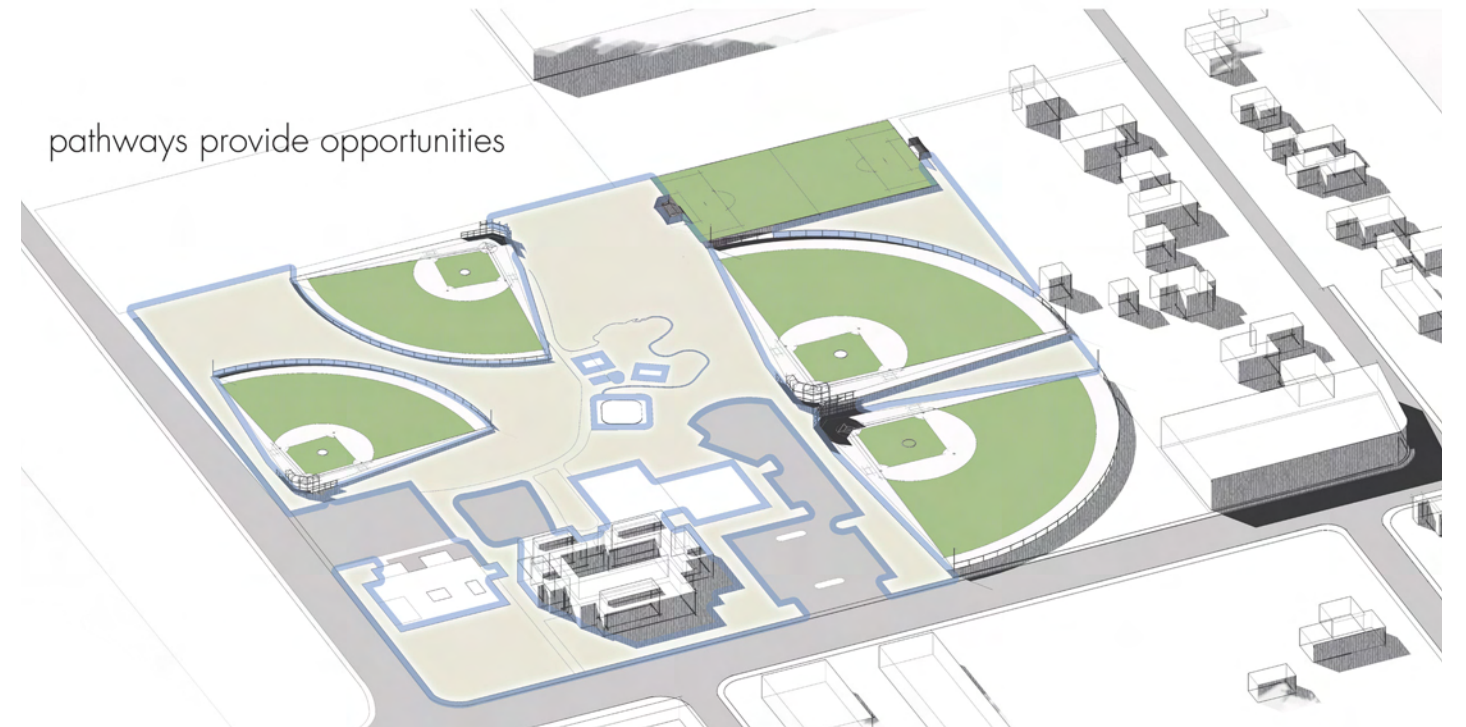


rest

household familiarity

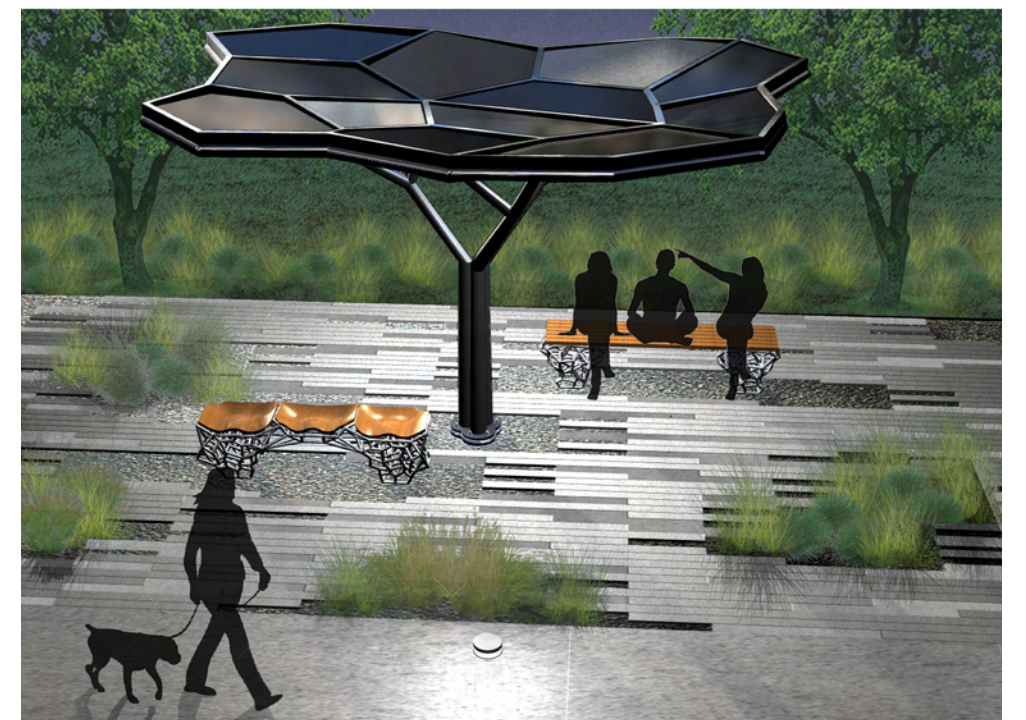
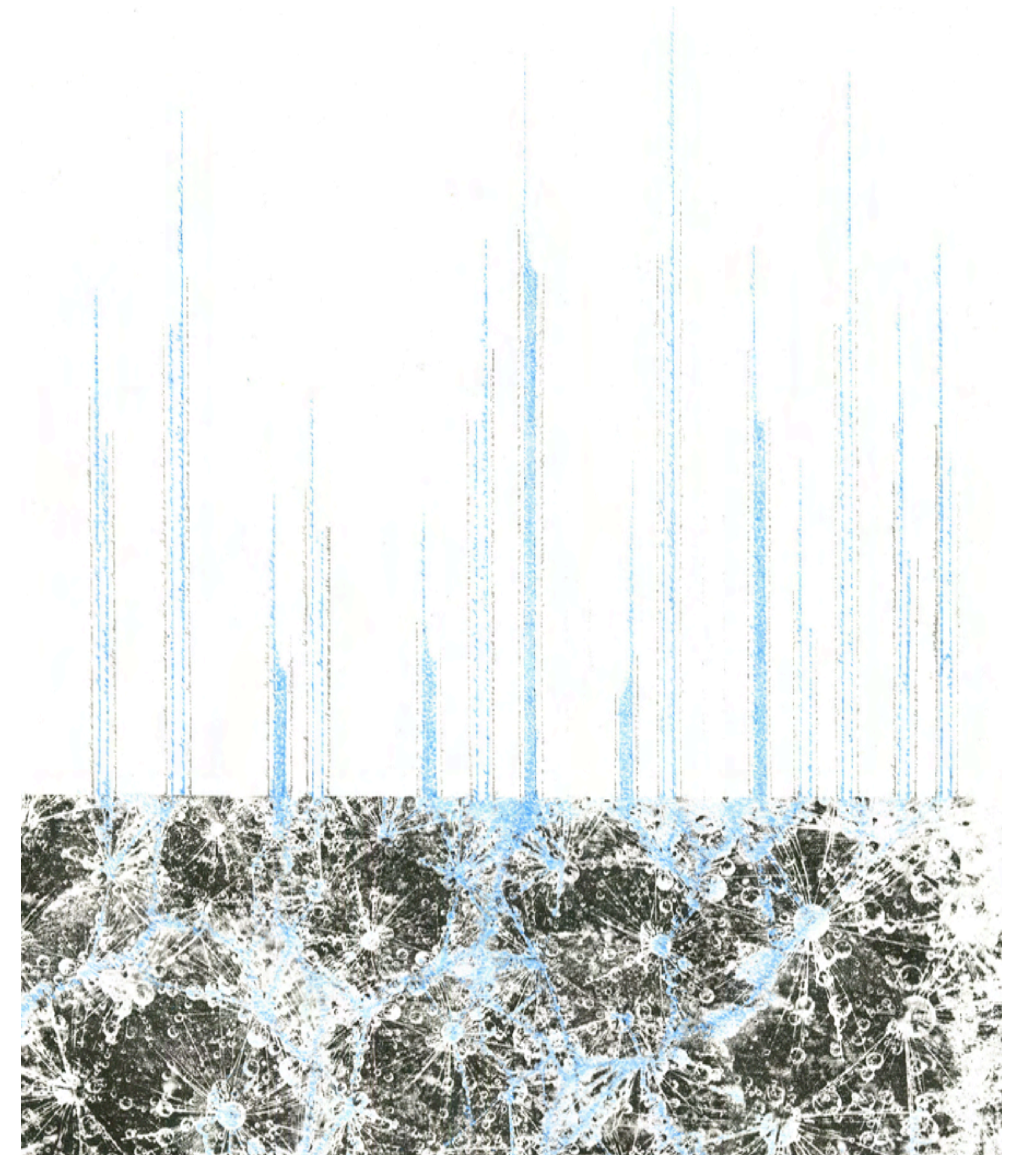


pathways provide opportunities



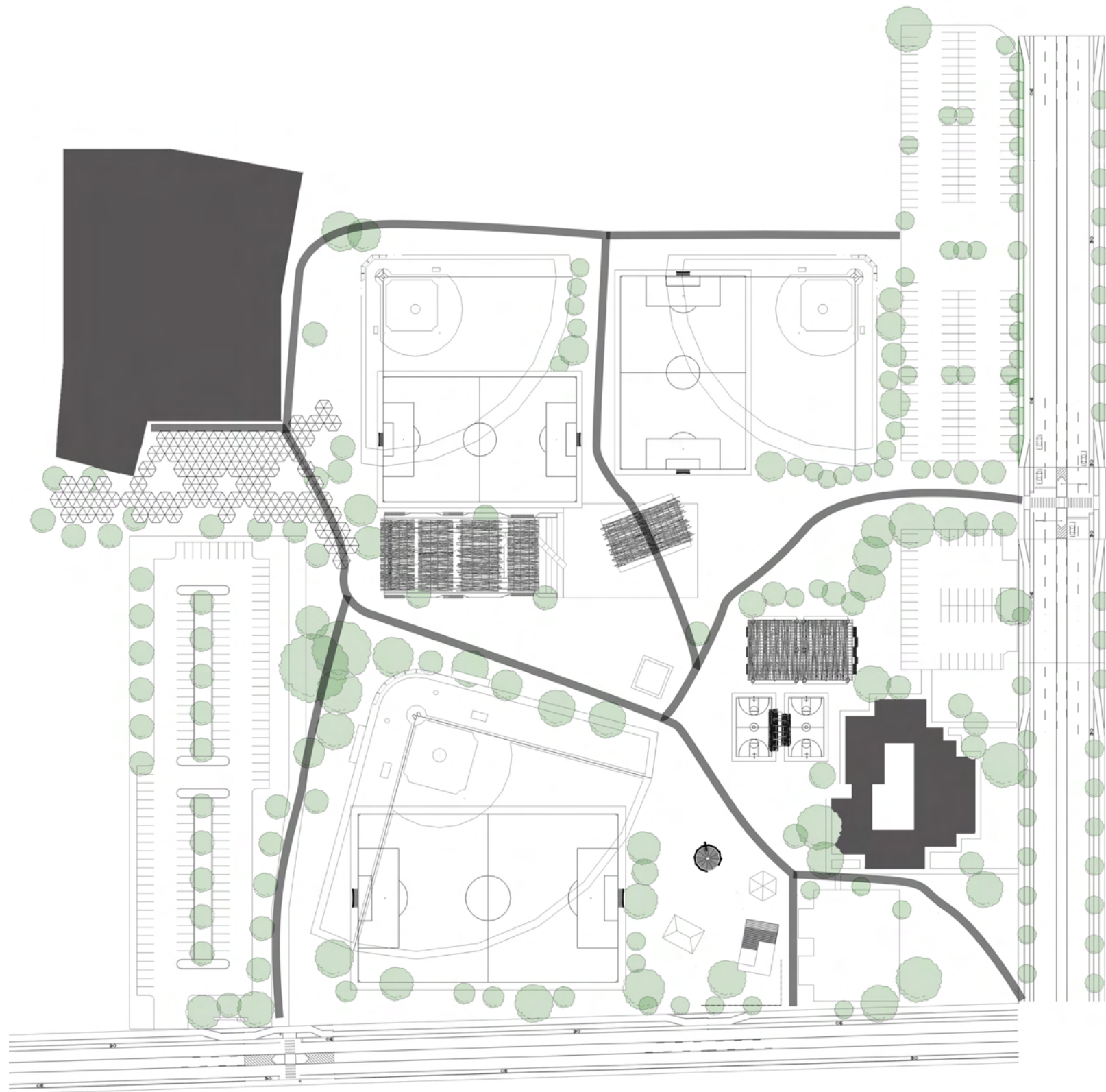


# The Green Connection

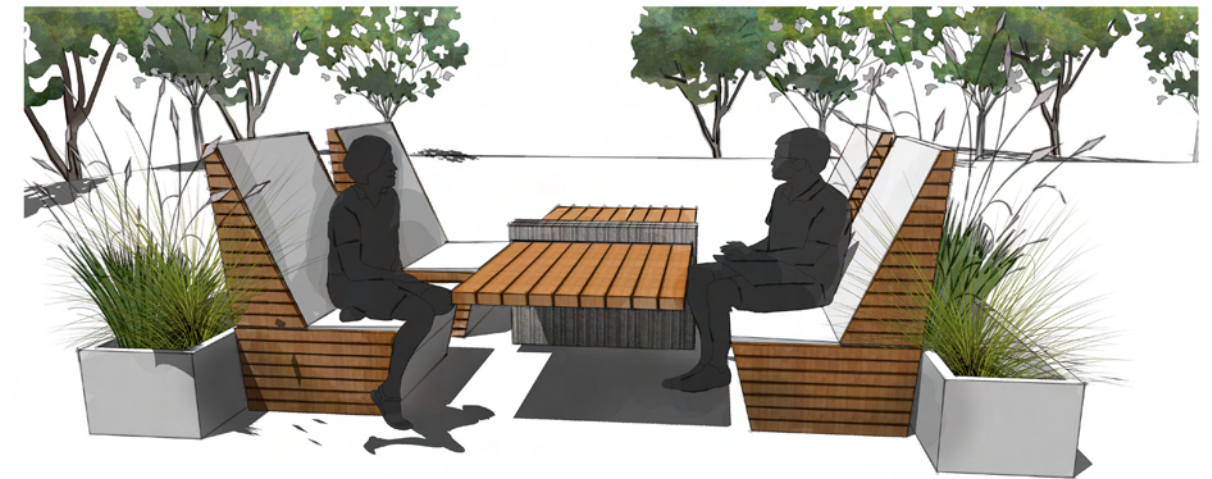




# Activate + Inhabit



Robertson Park Sacramento, California





# Past Work

on which we've  
built our strategies



## Educational Context

Education in Lakeland was traditionally centered in the community. Students attended school in the community or in the homes of their parents. Many of these schools are now located in the same areas of town and generally continue to offer the same curriculum (throughout the region and beyond).

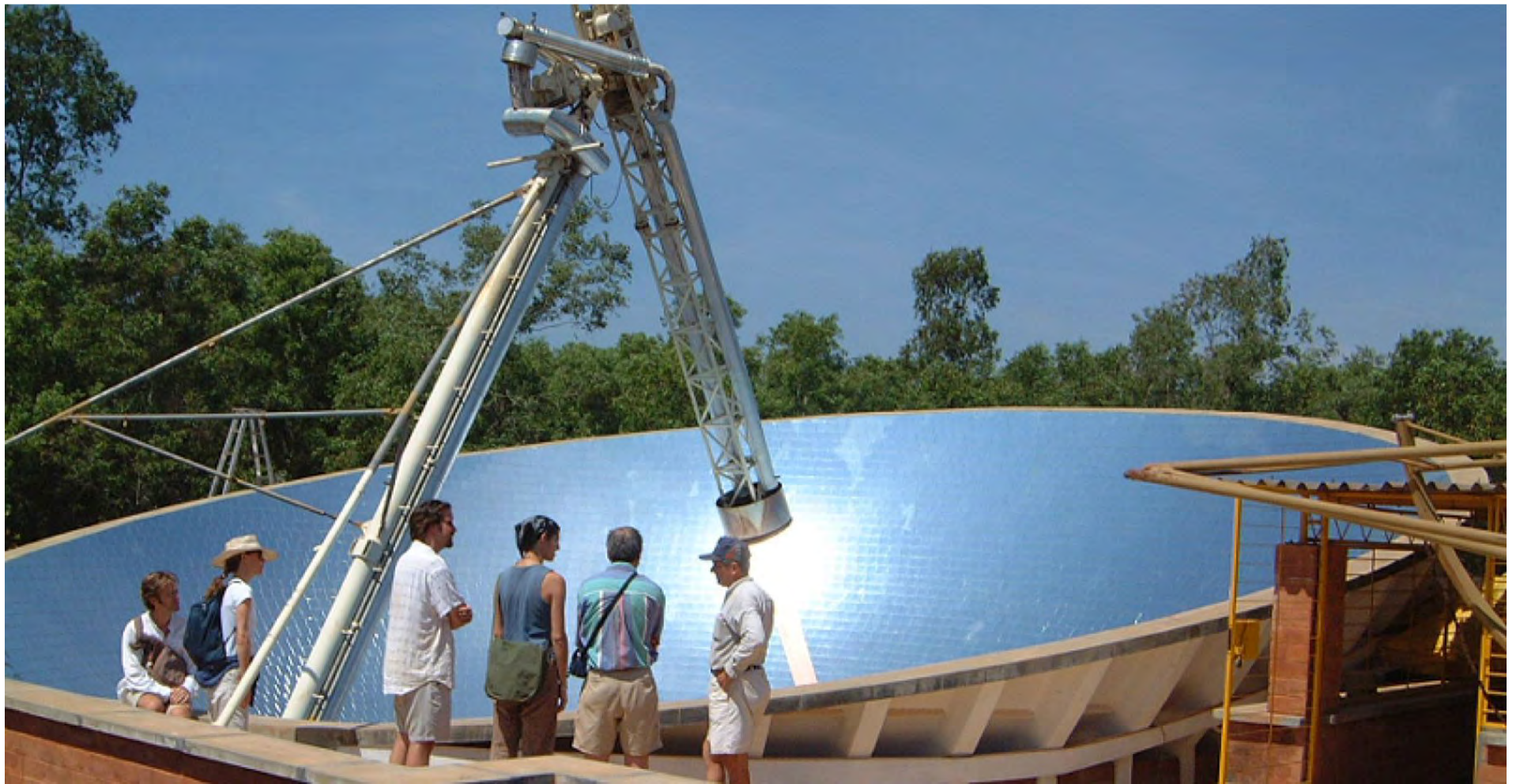
The design team for the Lakeland Community Center was inspired by the traditional Lakeland school building. The design team wanted to create a building that would be a landmark in the community and a place where students could learn and grow.

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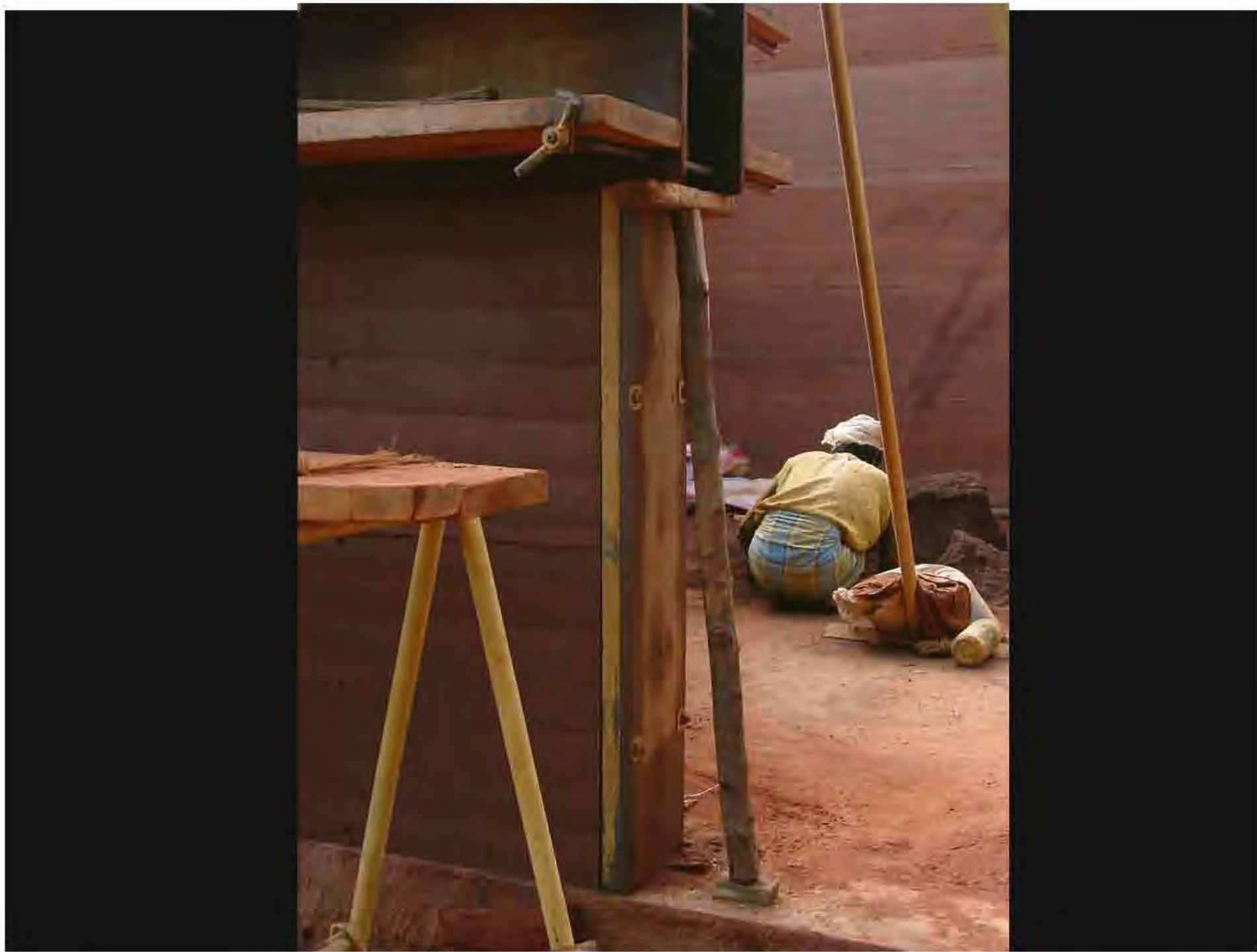








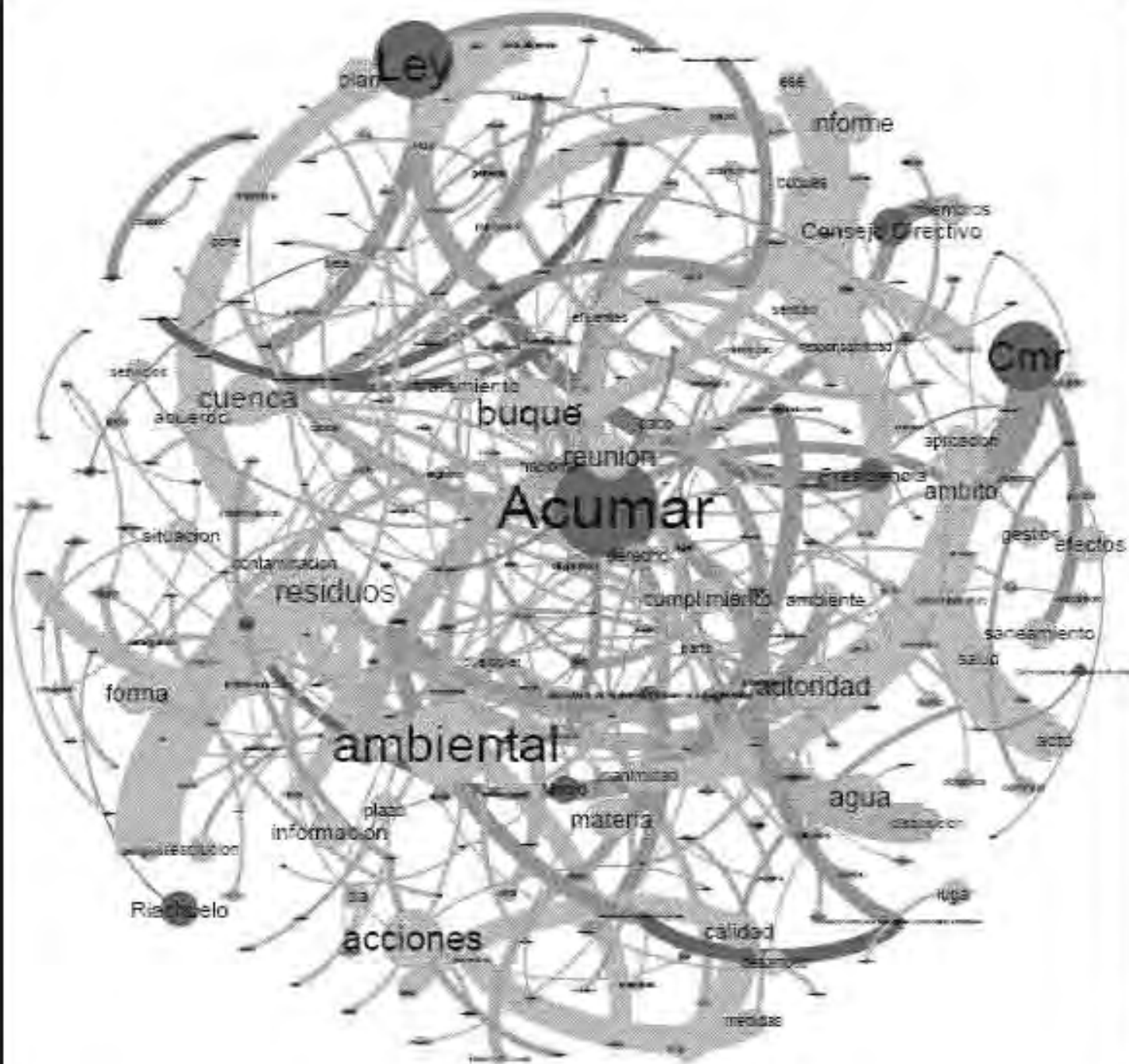




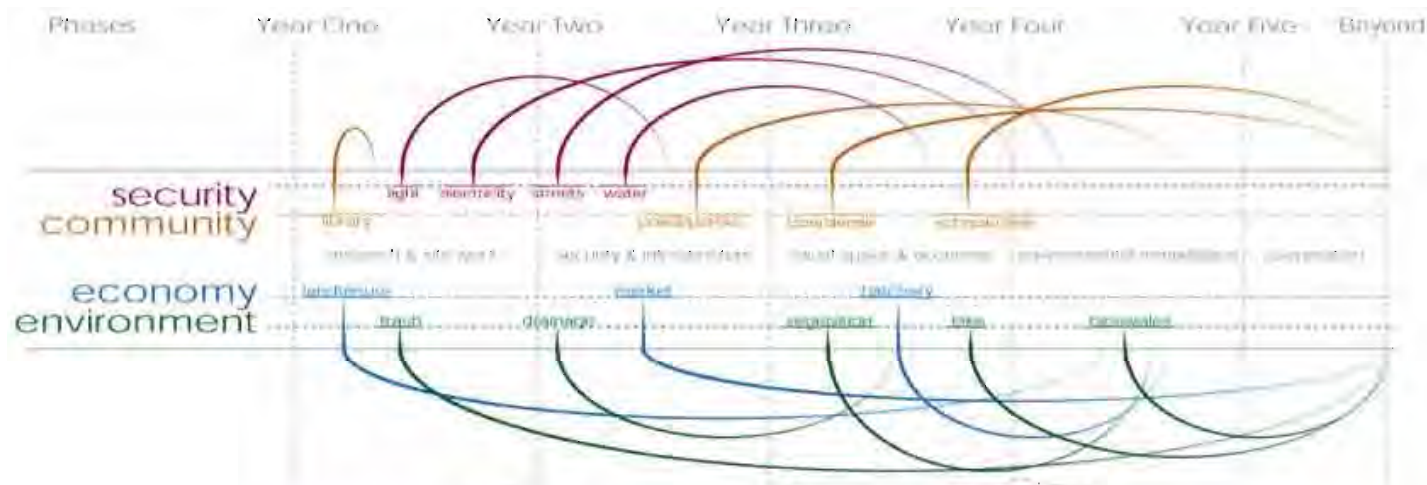




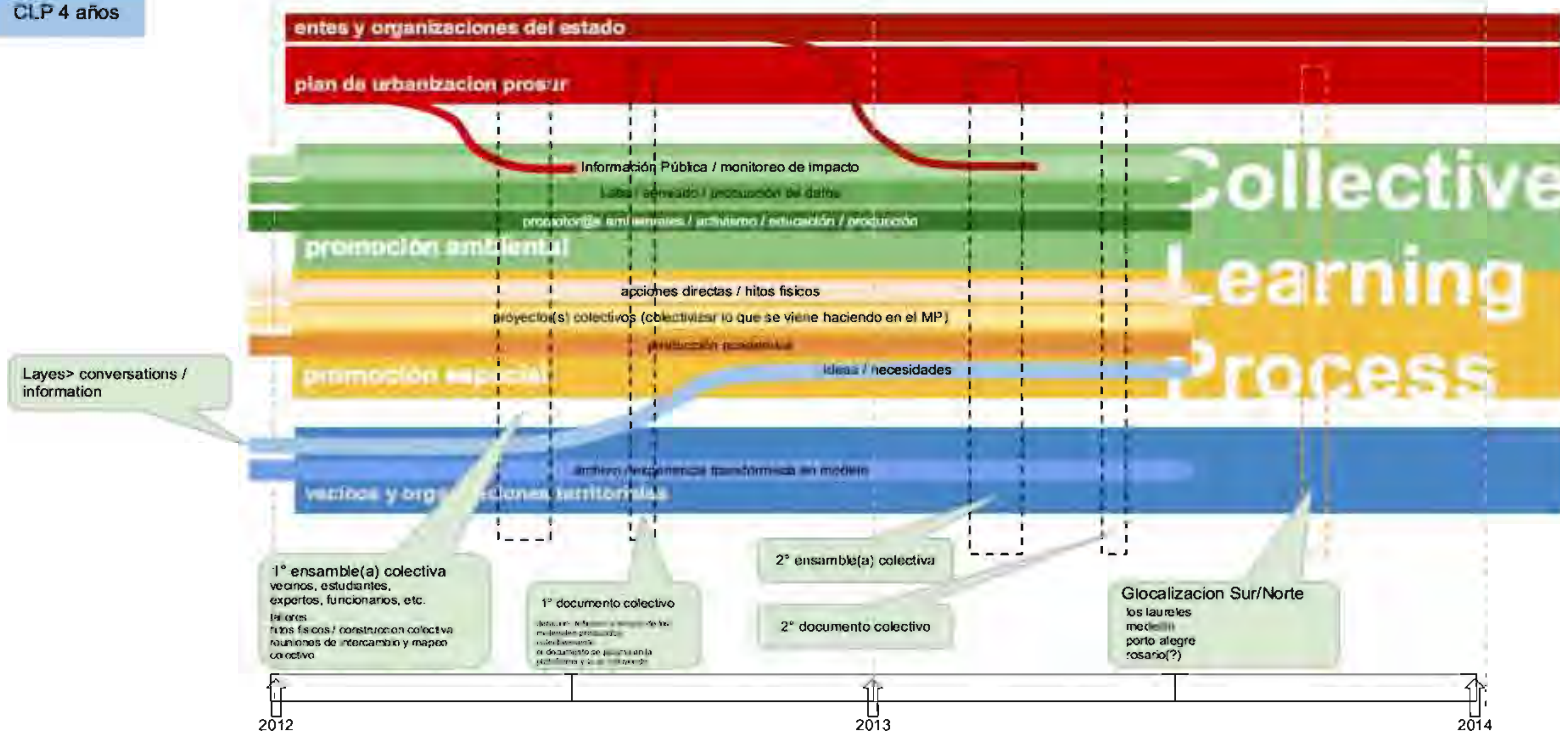








CLP 4 años



artefactos de los vecinos en la urbanización según PROSUR

Se trata de la gestión del proyecto urbano y la gestión del espacio público en el contexto de gestión del PROSUR, a través de la gestión del espacio público y la gestión del espacio público.

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Se trata de la gestión del proyecto urbano y la gestión del espacio público en el contexto de gestión del PROSUR, a través de la gestión del espacio público y la gestión del espacio público.







REGIONAL GEOGRAPHY AS REFERENCE  
 INTERFACE - INTERMEDIARY - INBETWEEN  
**Campus - Metropolis**  
 (EXHIBITIVE MODEL)

Adapted from: [illegible]



Urban Model

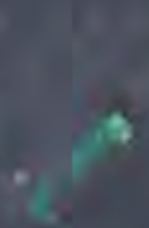
The urban model is a conceptual framework for understanding the spatial organization of a city. It typically includes a central business district (CBD), a residential core, and a suburban fringe. The model is used to analyze the growth and development of a city over time.

Urban Model

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Urban Model

Urban Model



Urban Model



Urban Model



Urban Model



Urban Model



Urban Model



Urban Model







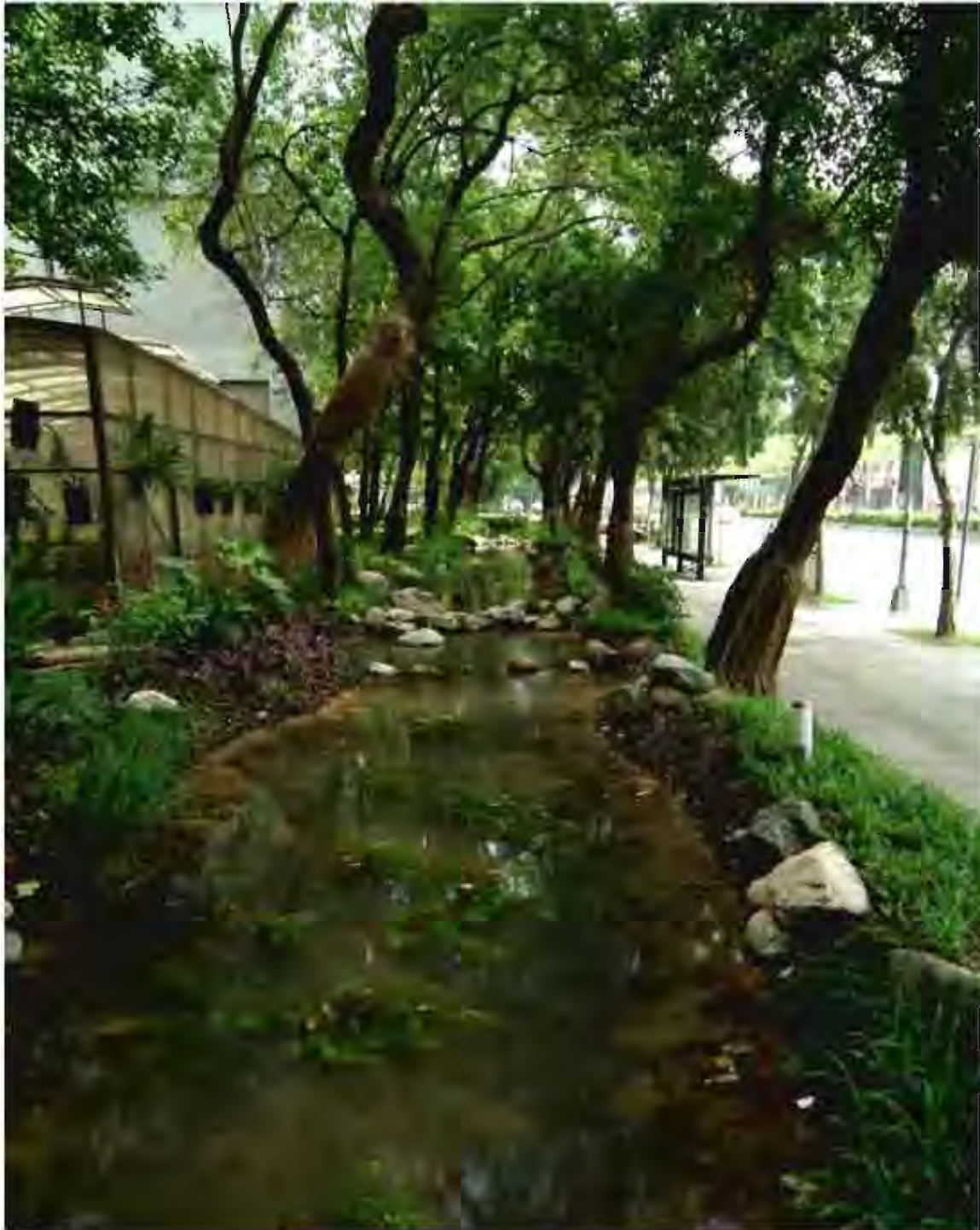


## 1-D.新科館庭園

### 3.施工時與現在比較

























## 2-C.生態露台







The long-term goal of the Katrina Furniture Project is to maintain community furniture workshops that will train local employees in the craft of making furniture and, where necessary, in the fundamentals of operating these workshops.

The Project focuses on three priority neighborhoods, each of which has donated a public building in need of reconstruction that will become a workshop. The three buildings will be renovated through community-based design/build studios conducted by the University of Texas Austin, Tulane University, and Art Center College of Design in Pasadena, CA. The faculty and students will collaborate with neighborhoods to design, renovate and equip the buildings for use as fully functioning carpentry and furniture workshops.

The workshops have been organized as an independent not-for-profit organization and will be used to train community members in the crafts of carpentry and furniture-making, and in the fundamentals of operating the workshops safely and economically. The workshops will also act as local community centers with weekend sessions to teach community member skills to rebuild their homes by providing tools and expertise.

# KATRINA













Following these ideas, a table and bench  
project was born. These tables allow  
the natural grain of reclaimed lumber  
the chance to be used, learn from,  
and tell a story.

We can take the debris  
essentially increase the value,  
avoid future ecological degradation of the place  
and provide a continuation  
of New Orleans' story of  
our history (or recovery process),  
creating potential means of self-healing  
for future generations.







PACKAGING  
BOX MILLER









## R30.12

### Conclusion

Patty's house explores many aspects of building a comfortable, sustainable house that is elevated and structured to meet the demands of the Mississippi Gulf Coast.

The rooms beneath the house are well-used, creating cool, shaded spaces for sitting and gardening. The stair is brought into the mass of the house to make an indirect entry sequence. The house is natural among the trees and garden, and the views from the house are rewarding. The house form and structure respond to surrounding trees, so it is fitting that neighbors and friends of Patty refer to it as "the treehouse."





## R30.09

### Bedroom

The west wing of the house includes the bedroom, bathroom, and laundry room. The utilitarian spaces are nestled on either side of a small entry foyer, giving the bedroom a protected and spacious feel. As in the living room, the ceiling is vaulted.

The floor as well as the walls and ceiling are pine, creating a warm, contained room. A window box on the west wall (see slide 10) is the right scale for a seat and storage and frames a spectacular view of the sunset.

A ductless mechanical system meets the LEED certification and allows the dog-trot split and vaulted ceilings. Other elements of LEED certification include bio-based spray foam insulation and slate floors.



AFI





**AFI**

AFI





## ALLEY FLAT INITIATIVE

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Working Toward a Sustainable Future  
For All Austin*

*Partnerships: GNDC  
ACDDC*

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*Documentation:*

*"Green for All" 2nd Installment of PBS  
television series "Design-e2" (2006-7)  
"Alley Flats Tackle Affordable Green  
Housing in East Austin"  
KVUE, December 5, 2007  
"Austin Now", November 2005  
[www.alleyflatinitiative.org](http://www.alleyflatinitiative.org)*

*UT Austin - School of Architecture*



# AFI





Leads to participatory processes of design and building