



history



gardens

parks

river

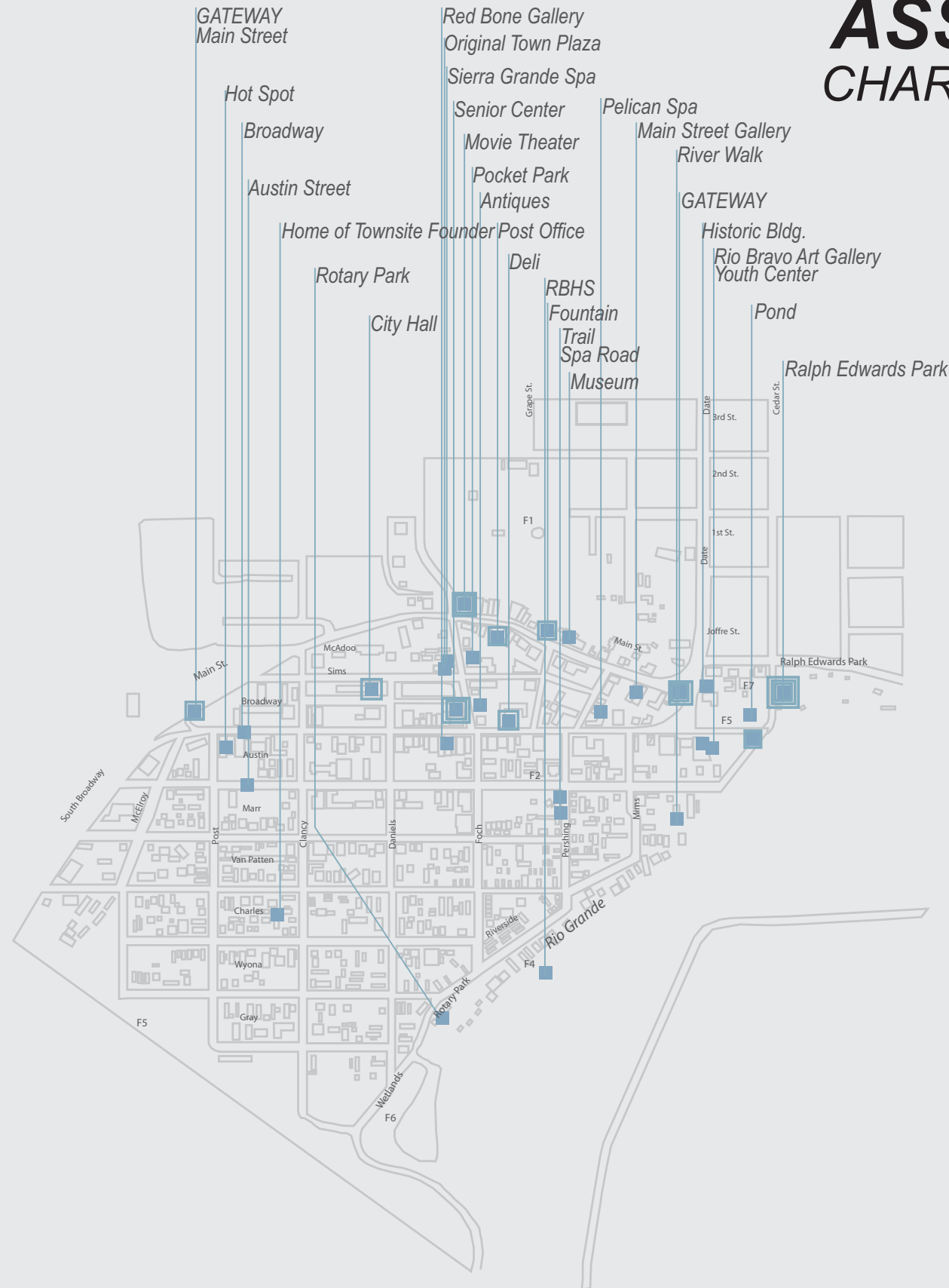


art

community

spas

ASSETS CHARRETTE



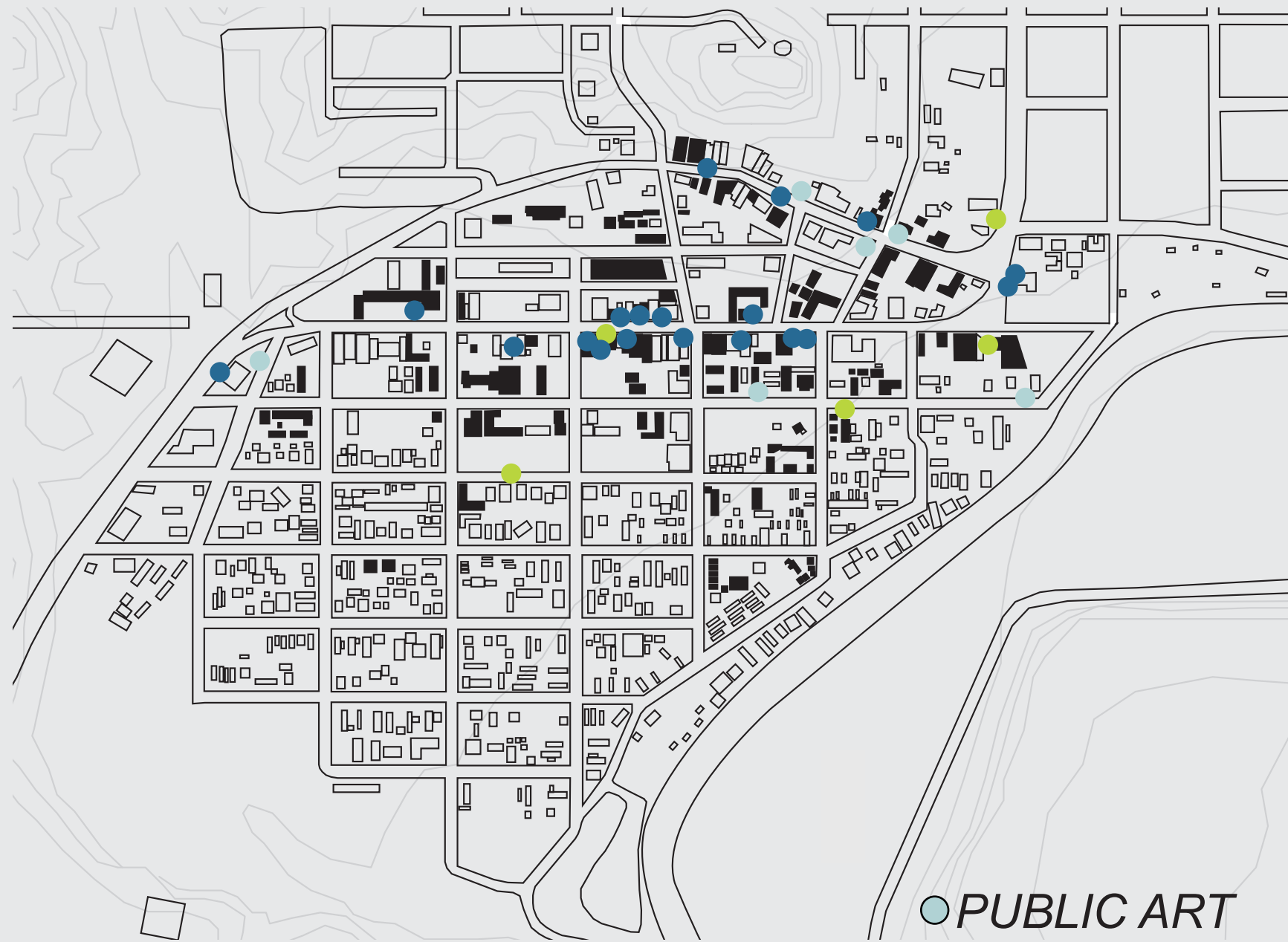
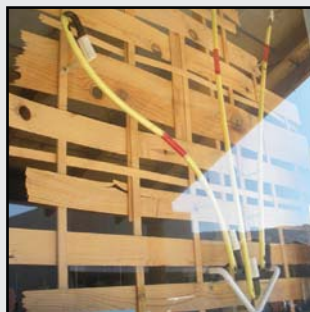
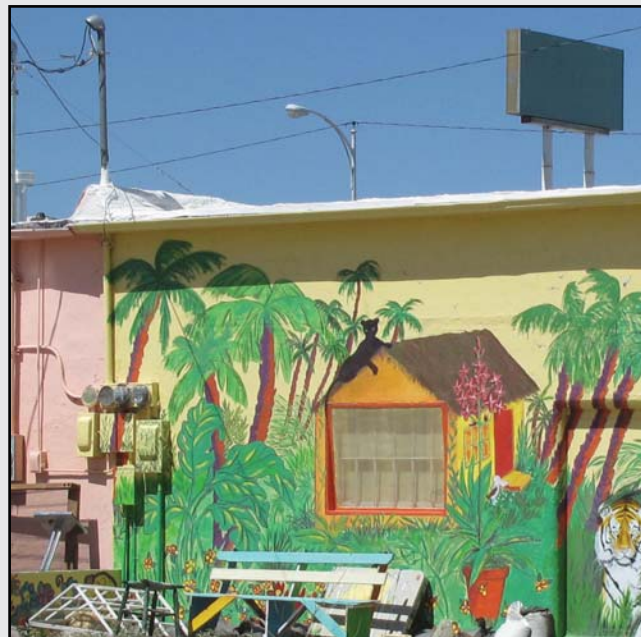


vacancies
sidewalks
closed stores
storm water
no signage
fire

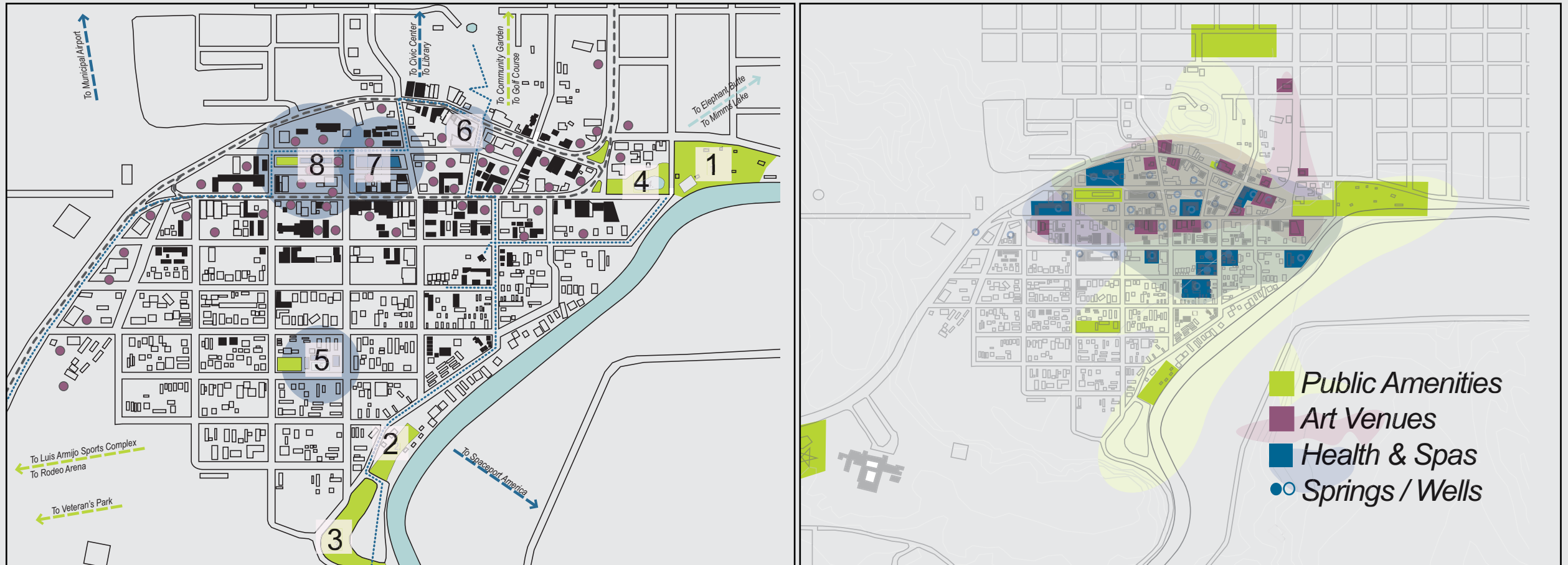
CONSTRAINTS CHARRETTE



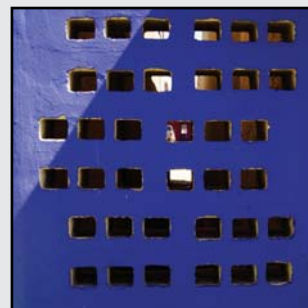
ART EXISTING SITES



COMMUNITY PATHWAYS & LOCATIONS

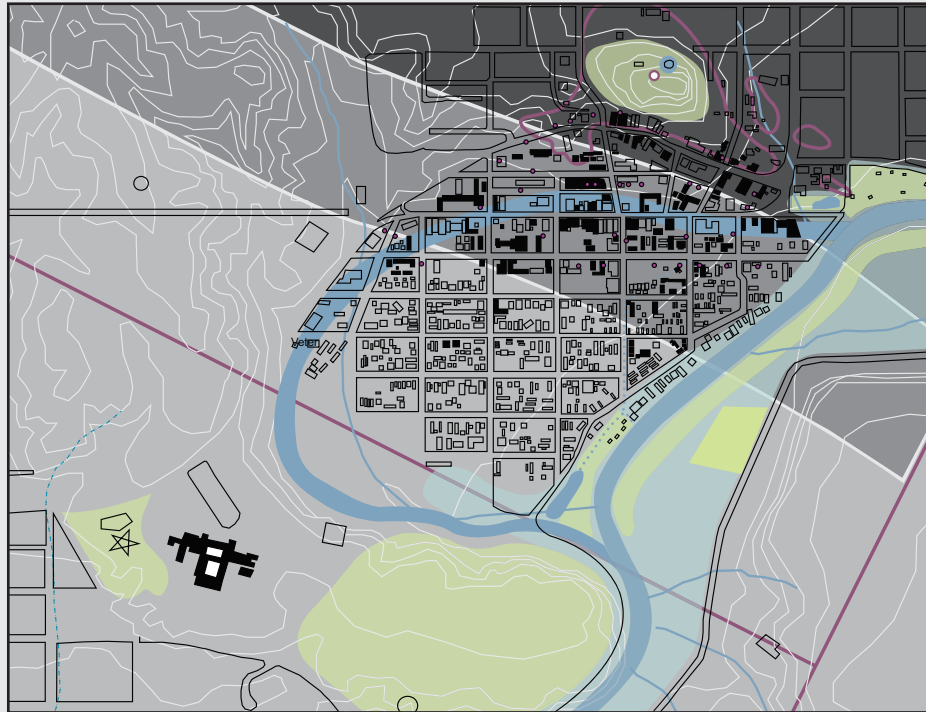


- 1. RALPH EDWARDS PARK 3. WETLANDS 5. SWIMMING POOL 7. SENIOR / YOUTH CENTER
- 2. ROTARY PARK 4. FISHING POND 6. POST OFFICE 8. CITY HALL
- PARKING LOTS ●●● HEALING WATERS TRAIL

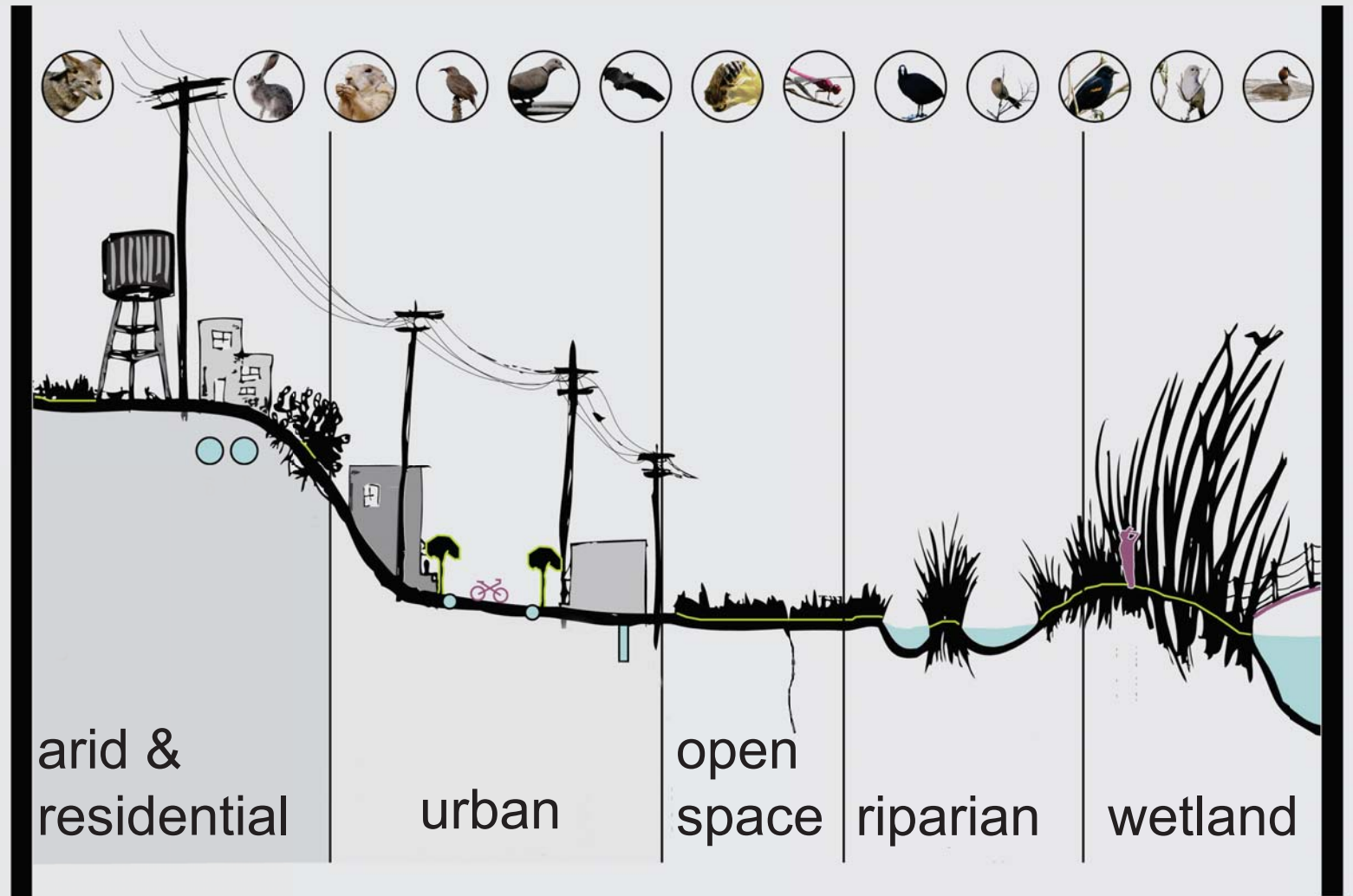


ECOLOGY

RELATIONSHIPS & PROCESSES

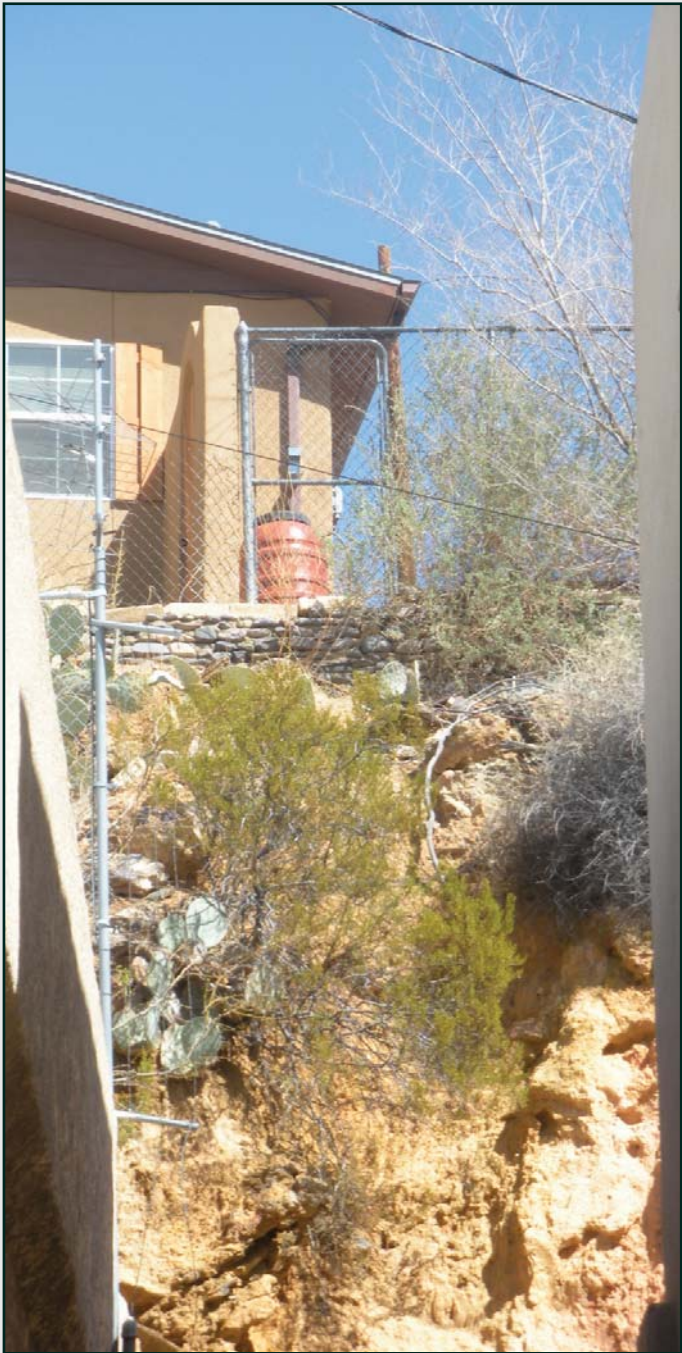


public parks (as biodiverse sites)
 city-land as future wetlands
 current wetland
 water tower & powerlines
 riparian zones
 topography
 fault lines
 soil types
 community gardens
 agricultural fields
 arroyos
 scrub / chaparral



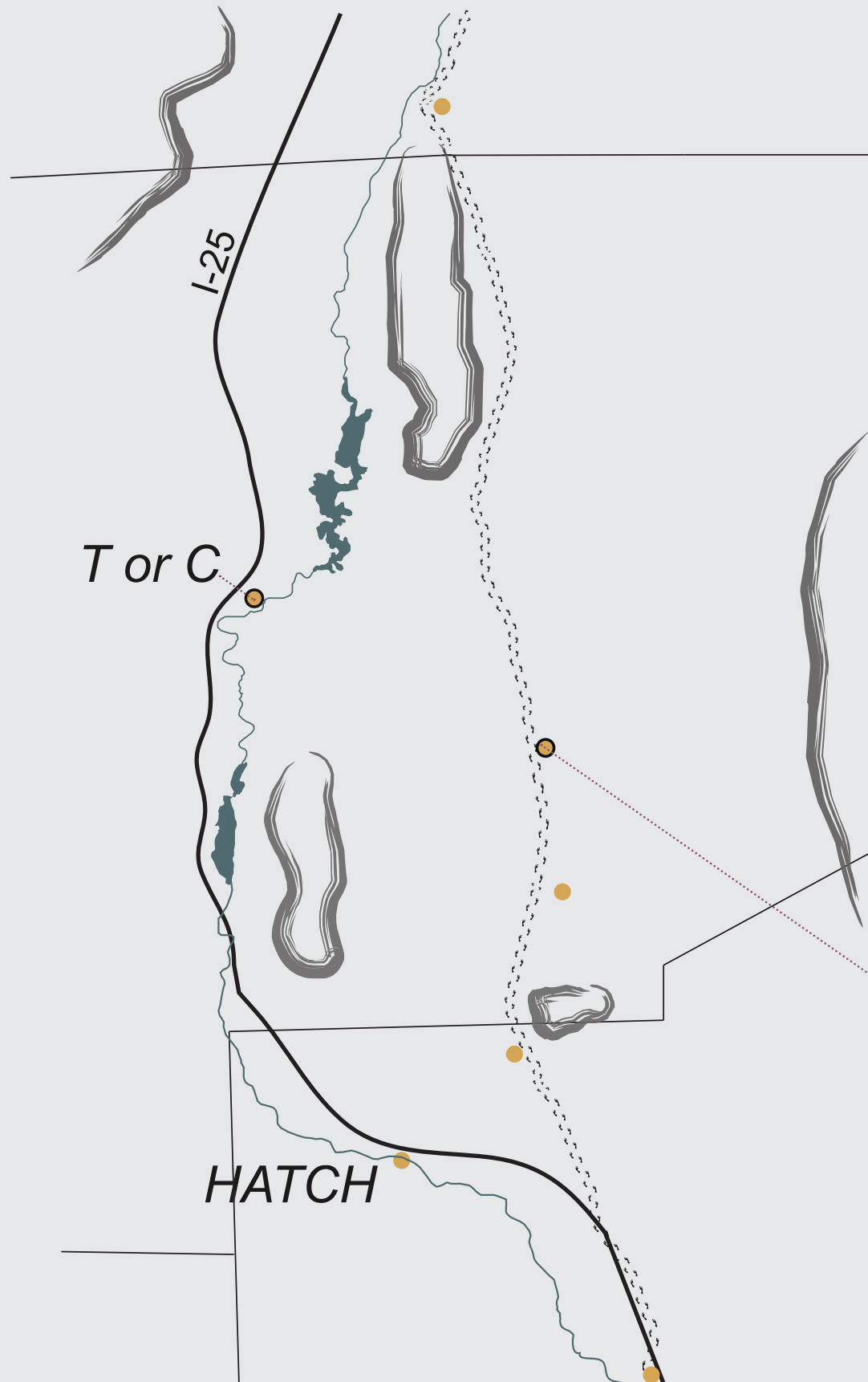
WATER

STORM & MINERAL EFFECTS

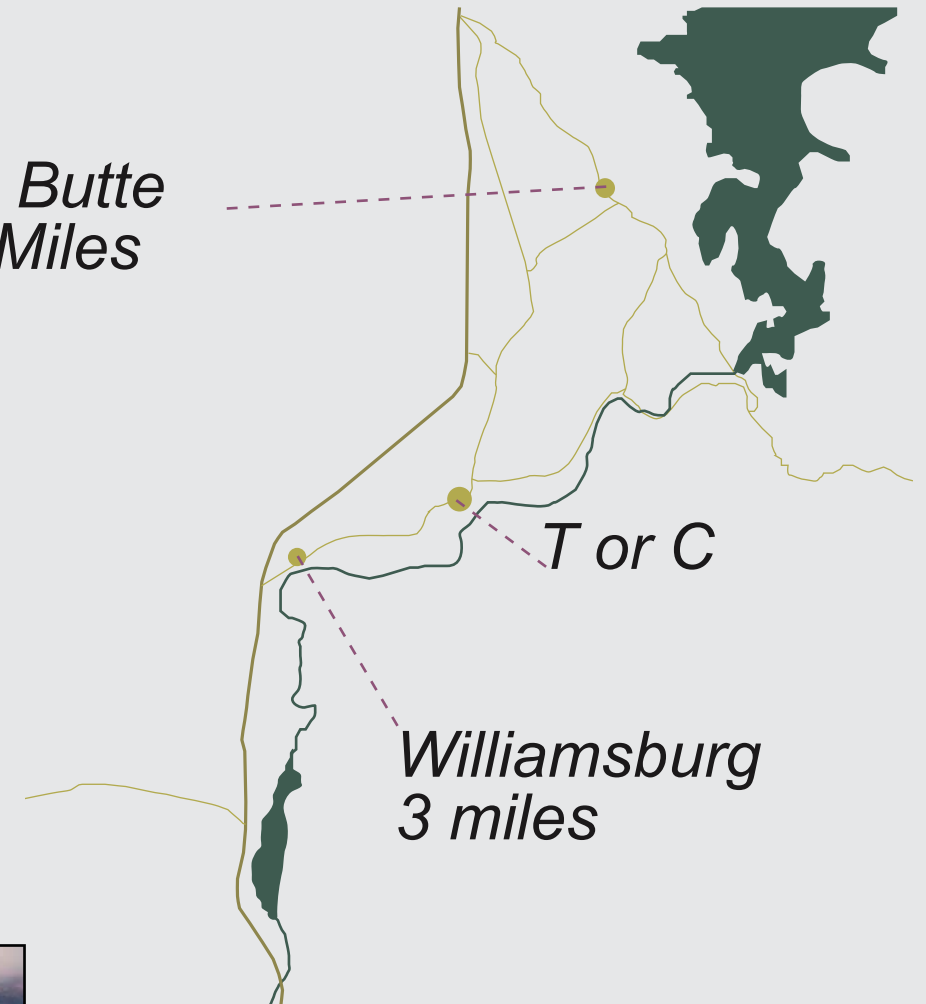


■ High Acceleration □ Low Acceleration

FUTURE DEVELOPMENTS ***TRANSPORTATION***



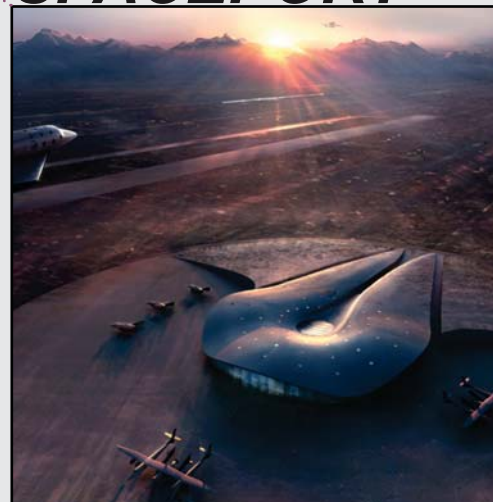
E. Butte
6 Miles



Williamsburg
3 miles

TRI-CITY BUS

SPACEPORT



GOALS CHARRETTE

FUNKY - MODERN

EXPRESSIVE
PAST & PRESENT
FUSION
VISUAL
PLAYFUL
CREATIVE
DIVERSE
UNIFIED
ECLECTIC
TACTILE
ARTISTIC
SPONTANEOUS
INNOVATIVE
GRAPHIC
DYNAMIC
VIBRANT
TECHNOLOGICAL

HEALTH - OASIS

PUBLIC POOLS
REHABILITATION
IDENTITY
RIPARIAN CONNECTIVITY
NUTRITIONAL BALANCE
SHADE AND SANCUARY
ECOLOGY & BIOMES
PUBLIC GATHERING
PATHWAYS
WATER
COMMUNITY GARDEN
WAYFINDING
USE OF MINERALS

PUBLIC REALM

NON-TRADITIONAL
SOCIAL CONNECTIVITY
SIMULTANEOUS ACTIVITY
VARIED FOCAL POINTS
COMMUNITY LIVING ROOM
MOVEMENT
REDUCING BARRIERS
LIVELY & OCCUPIED
WALKABLE
INTRIGUING
EXPOSURE
ANIMATED

SUSTAINABILITY

RAIN WATER
BIOSWALE
INFILTRATION BASIN
WATER RE-USE
STORMWATER MITIGATION
INFRASTRUCUTRE
INTEGRATION
WATER EXPRESSION
SOLAR MANAGEMENT
HYDROLOGIC CELEBRATION
MICRO GENERATION
WIND HARVESTING
MAINTAINABLE
SELF-SUFFICIENT
NATURAL HEAT SOURCES

COMMUNITY

ARTISTS AS RESOURCES
COMMUNITY PARTICIPATION
NODES OF ACTIVITY
PLACE-MAKING
GATHERING PLACES FOR
VISITORS & LOCALS
SENSE OF IDENTITY
SHADE / REFUGE
PUBLIC ART
COMMUNITY EVENTS
COMMUNITY GARDENS
RECREATION
CORRIDOR DEVELOPMENT
KEY DESTINATIONS

CONCEPTUAL FRAMEWORK

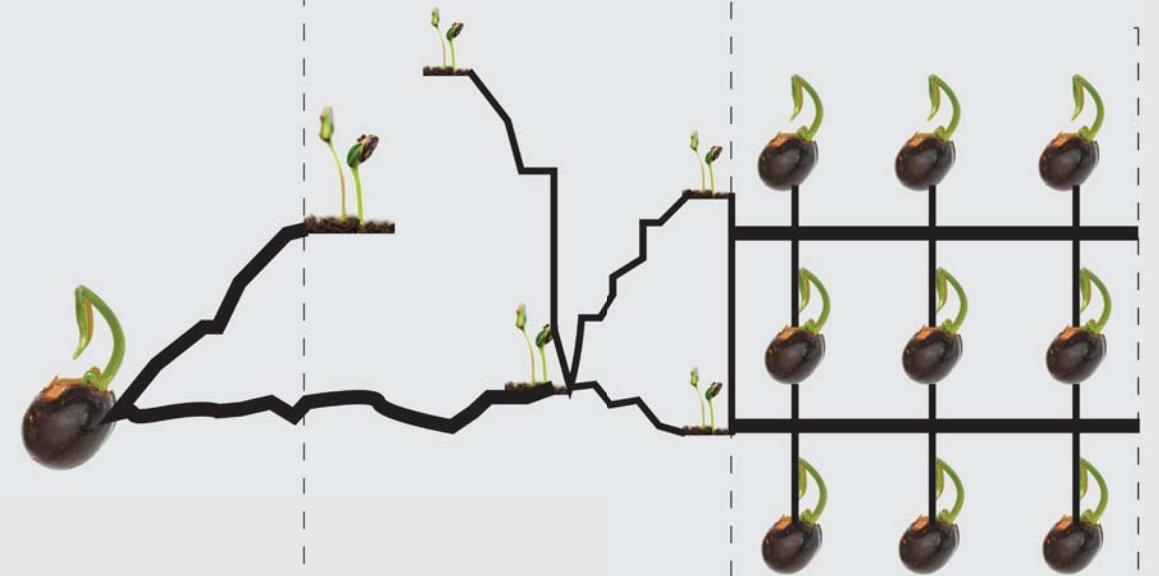
This conceptual framework addresses historic downtown T or C by stimulating unique points within the historic district, thus contributing to the vitality of the whole.

Like a constellation, individual neighborhood interventions connect to illustrate the bigger picture of multi-functional places with the ability to adapt during the cycle of the day and season.

Thus, analysis of existing conditions, desires of the community, and points of overlapping conditions, help determine a road map for connected catalyst sites within the town.

Identification leads to stimulation that enriches the collective urban landscape for locals and visitors. By embracing T or C's inherent individuality, this framework helps build a unique sense of place in order to promote community health and economic vitality.

SEEDS & SHOOTS



Stage 1_ early adopters and catalyst projects plant themselves as 'seeds'

Stage 2_ seeds sprout shoots that produce "offspring" interventions

Stage 3_ planned cultivation of interwoven "crops"

ASSETS

- hot springs
- artist community
- recreation amenities

CHALLENGES

- storm water run-off
- economic stimulation

GOALS summary



SIGNIFICANT IMPACT

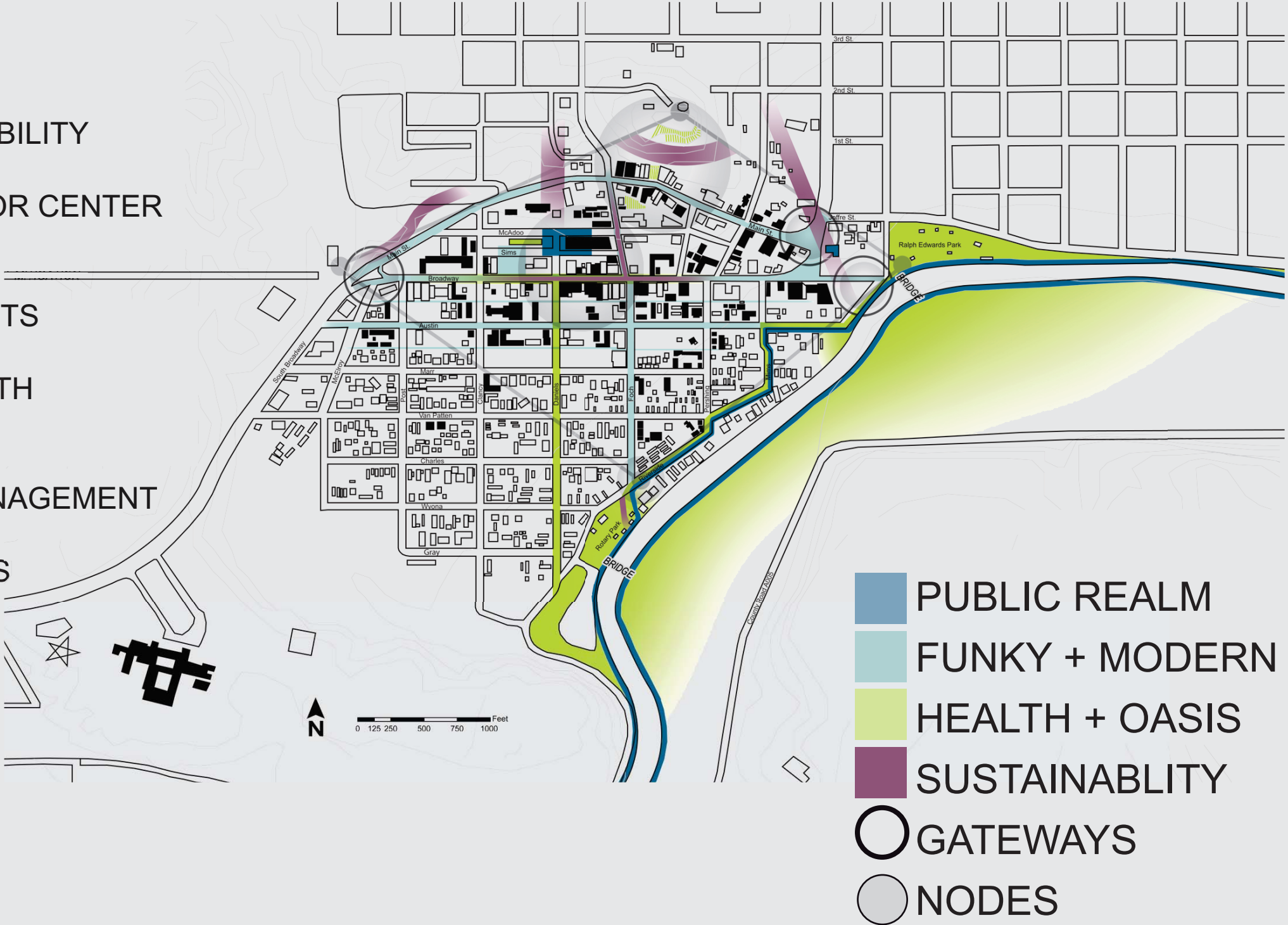
- Spaceport America - 92k
- proposed bus loop

EMPHASIS





- water oasis
- places of retreat
- funky eclectic

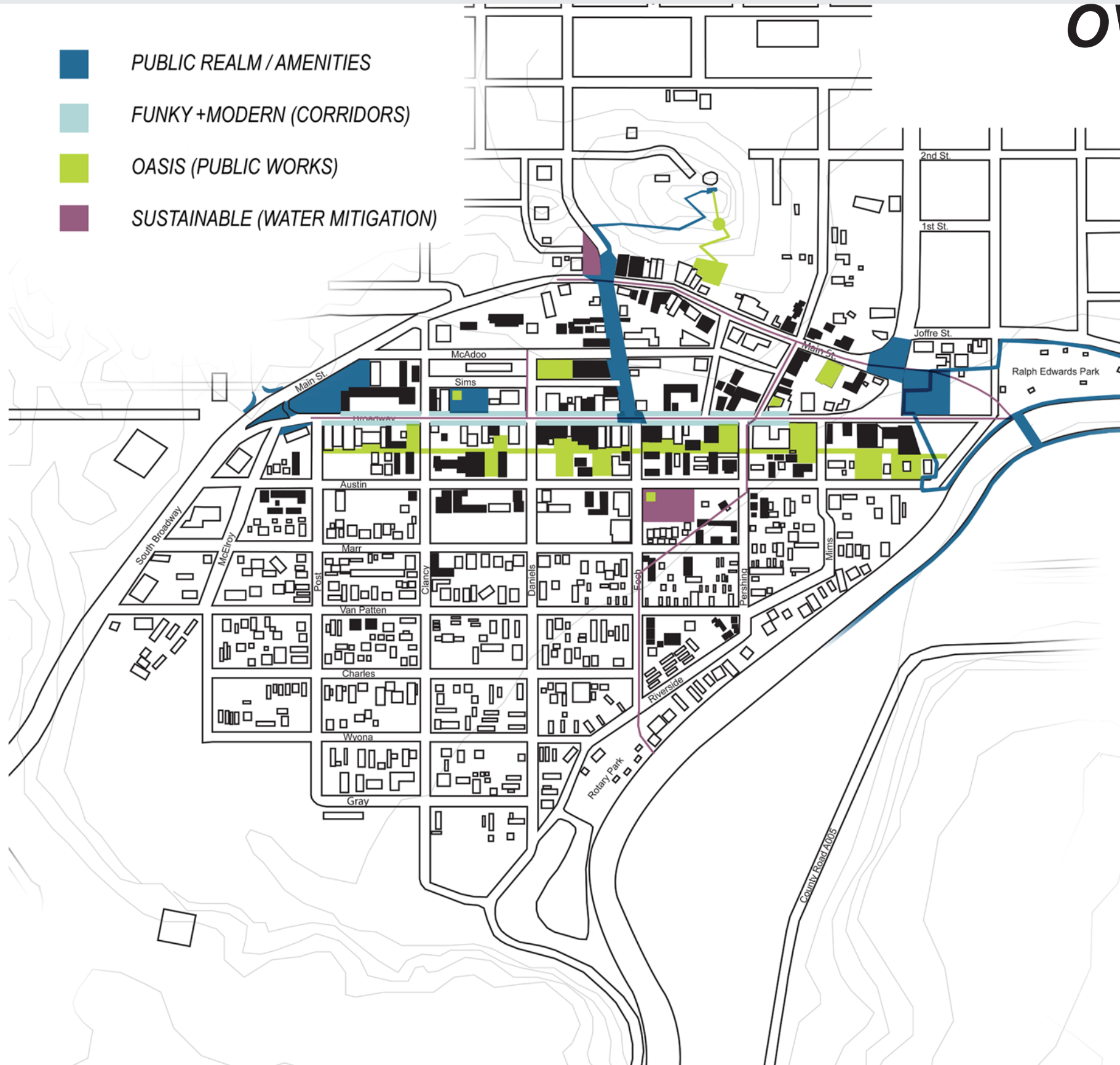
PROJECT FRAMEWORK

- PLAZA
- DESTINATIONS
+ GATEWAYS
+ WAYFINDING
- URBAN OASIS
+ SHADE & WALKABILITY
- SPACEPORT VISITOR CENTER
- ART OASIS
+ NODES & POCKETS
- NUTRITION + HEALTH
+ GREENHOUSE
- STORMWATER MANAGEMENT
- RIPARIAN SYSTEMS
- RIVERWALK
- WATERTANK HILL
- OPEN SPACES
+ ALLEYWAYS
+ CORRIDORS
















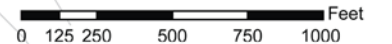
OVERVIEW PLAN

-  PUBLIC REALM / AMENITIES
-  FUNKY + MODERN (CORRIDORS)
-  OASIS (PUBLIC WORKS)
-  SUSTAINABLE (WATER MITIGATION)



PROGRAM PIECES

-  JENN GRIGGS - WEST GATEWAY
-  ELHAM MOROVVATI - ALLEYWAYS
-  ANA HILDA CASADOS - STOREFRONT
-  SAM GEORGE - WATER SCULPTURE
-  SCOTT SUTTON - POCKET OASIS + SCULPTURAL FOUNTAINS + BRIDGES + WETLAND BIRDBLIND
-  RYAN BROMBERG + BAILEY PORTER - VISUAL WAYFINDING AND PLACEMAKING
-  DREW SEAVEY - HILL PARK AND WATER FEATURE
-  PATRICK SINNOTT + JOSEPH GRIJALVA - PLAZA
-  SETH FERIANO - GREENHOUSE
-  JONATHAN SAMPSON - INFILL STORMWATER BASIN
-  MIKE KILROY - STORMWATER GARDEN / PARK
-  WENSONG LI - RIVERWALK + BRIDGE
-  STEVEN ALANO + GINA GRIEGO - WELCOME CENTER AND EAST GATEWAY



OVERVIEW PLAN



PLACEMAKING/TOOLKIT

ryan bromberg + bailey porter

playful
visual
creative
diverse
vibrant
eclectic
artistic
spontaneous
dynamic
unified
funky
expressive
cohesive



DESIGN OBJECTIVES:.....

.....CONNECTIVITY

.....UNIFICATION

.....ADAPTABILITY

.....MORPHABLE

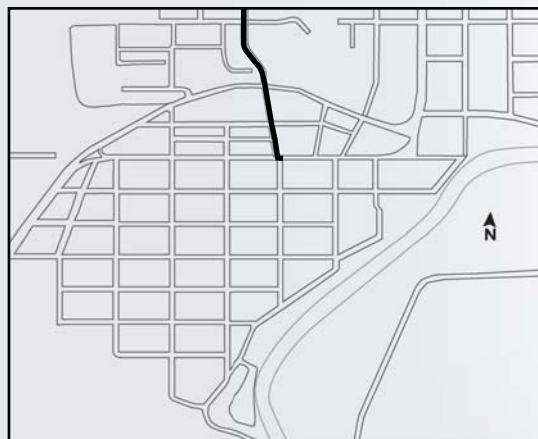
.....URBAN TOOLKIT

.....PUBLIC+PRIVATE

INTERFACE

.....TEXTURAL LAYER

.....URBAN ARTIFACT

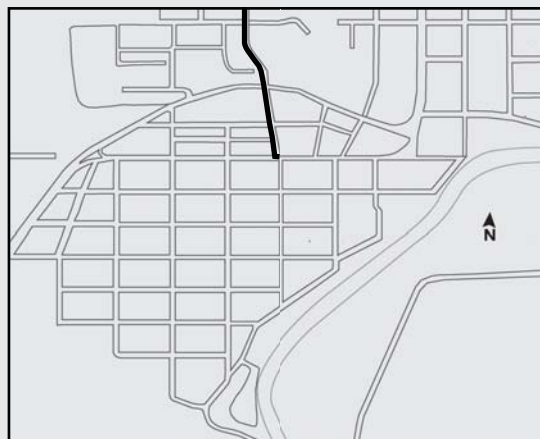


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ryan bromberg + bailey porter

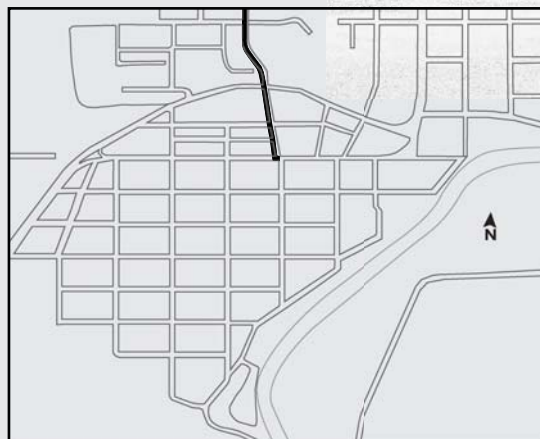
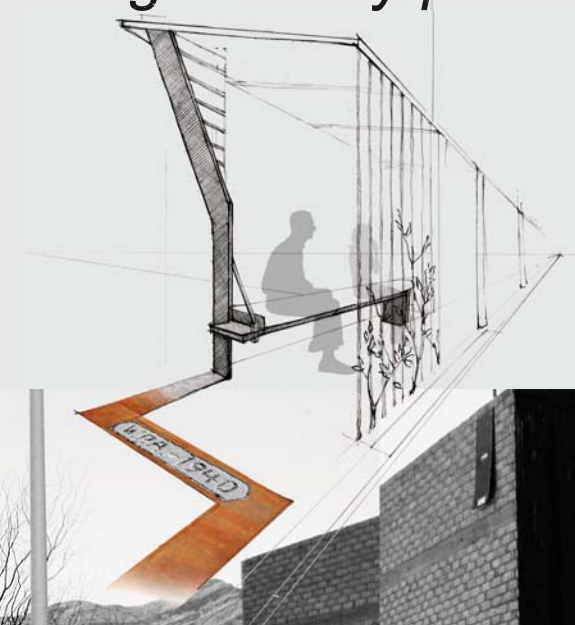
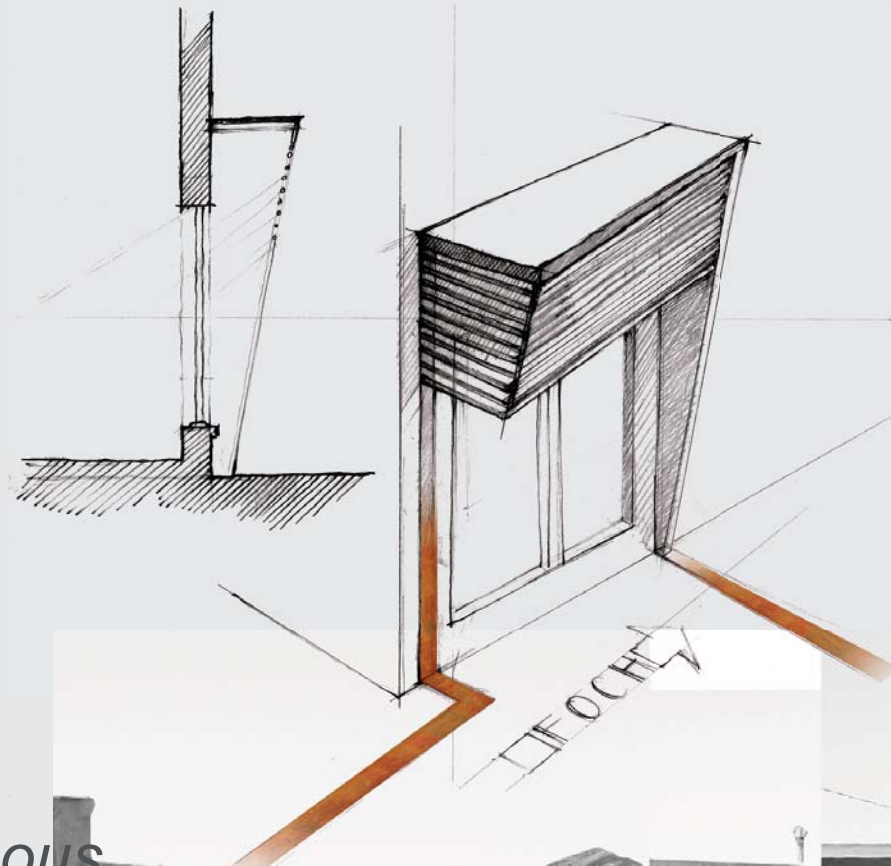
WATER TOWER LOOKOUT



PLACEMAKING/TOOLKIT

ryan bromberg + bailey porter

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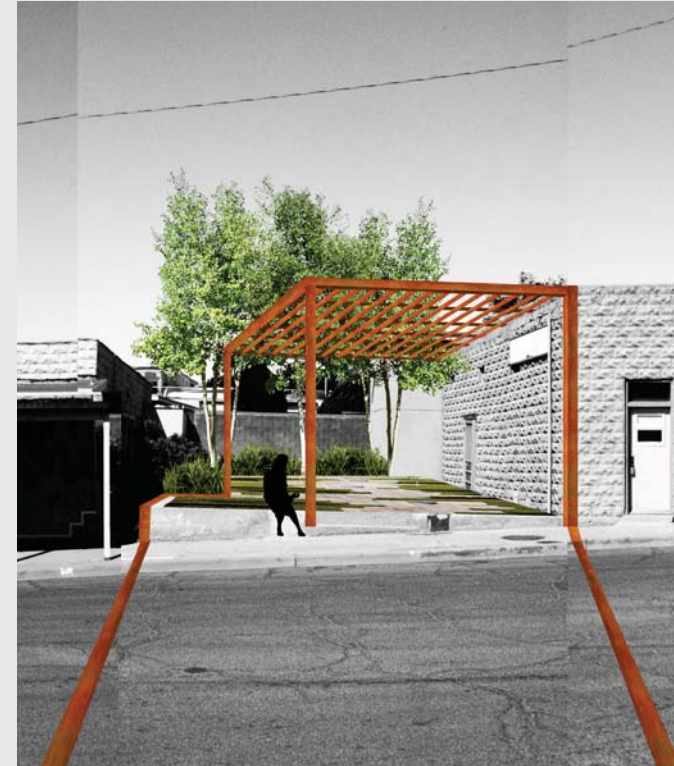


SEATING//SHADE:::urban hideouts // weather protection // respite

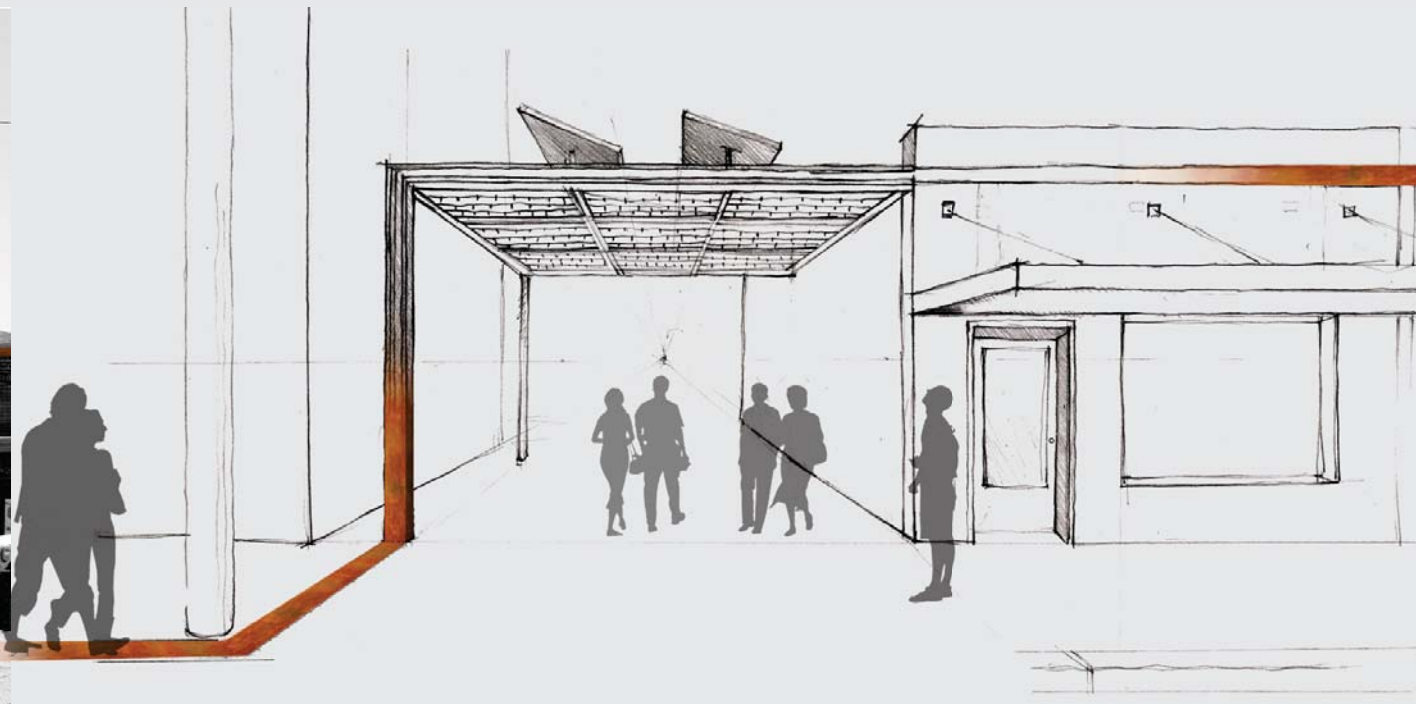
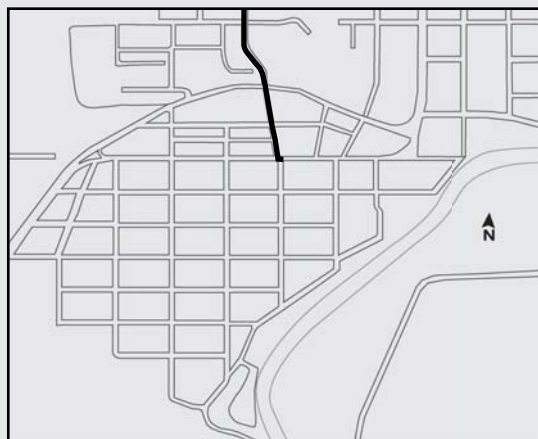
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SCREENING//GALLERY:::overhead canopies // urban ceilings

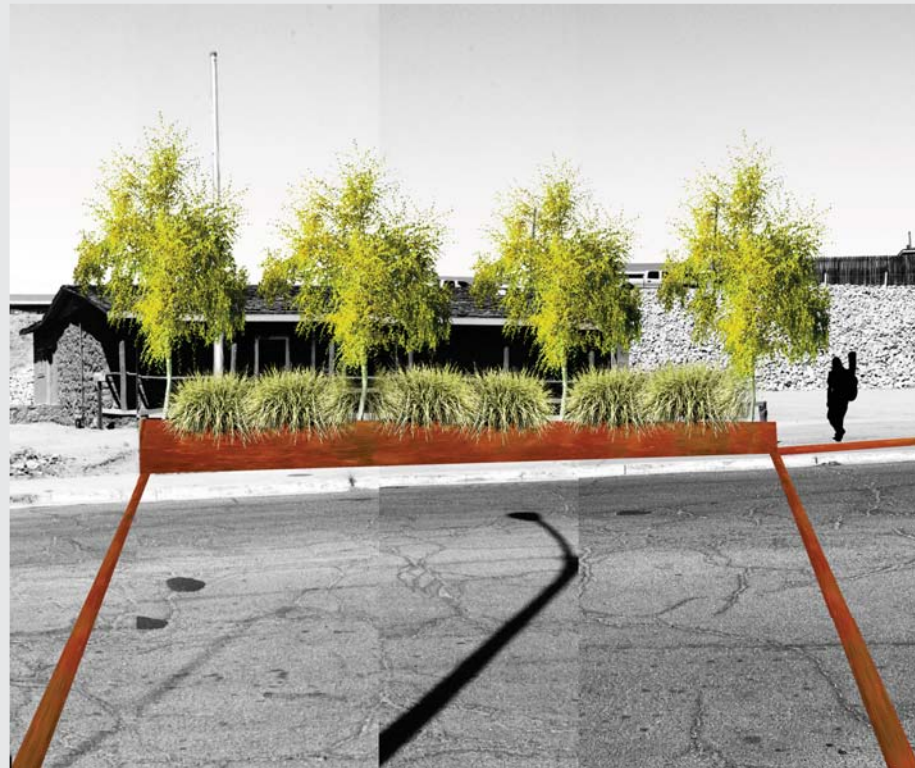


INTRODUCTION CONSTRAINTS ANALYSIS GOALS PROJECTS CONCLUSION

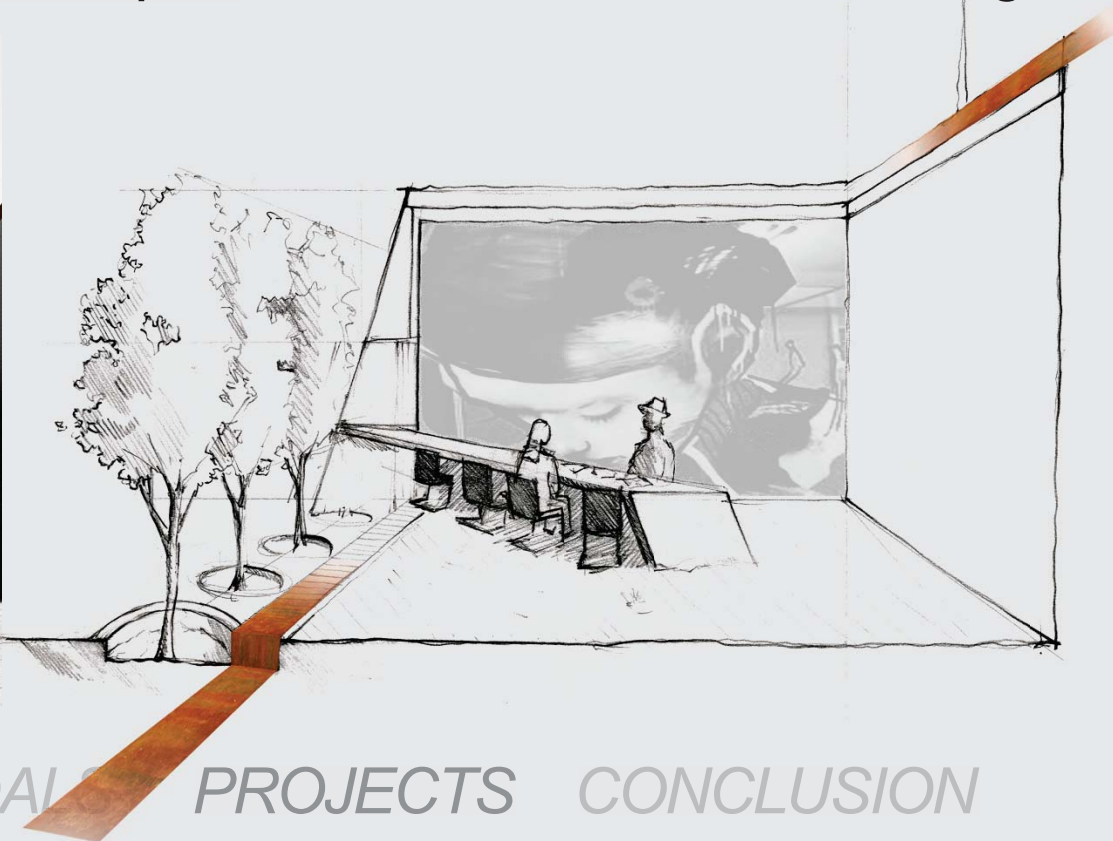
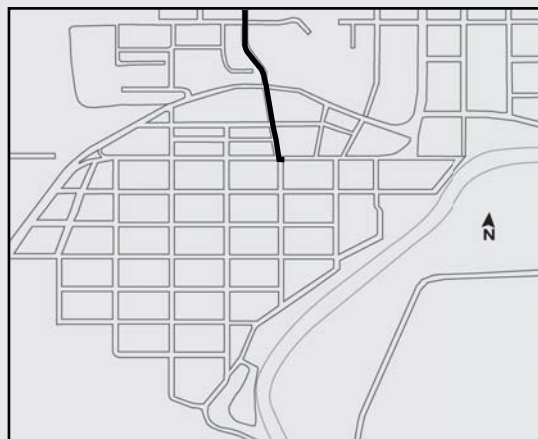
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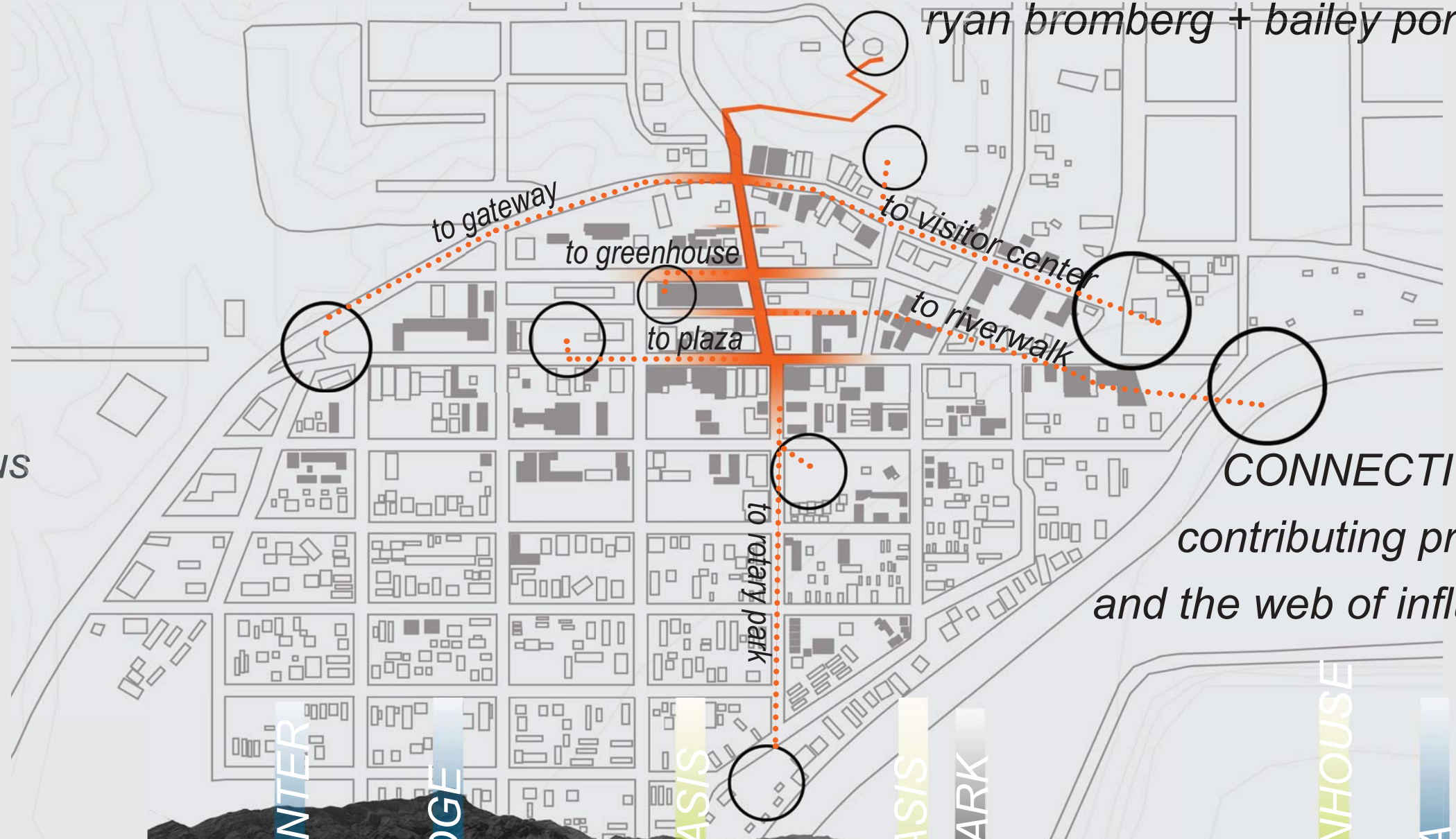
PLANTING:::streetscapes // shade // water harvesting



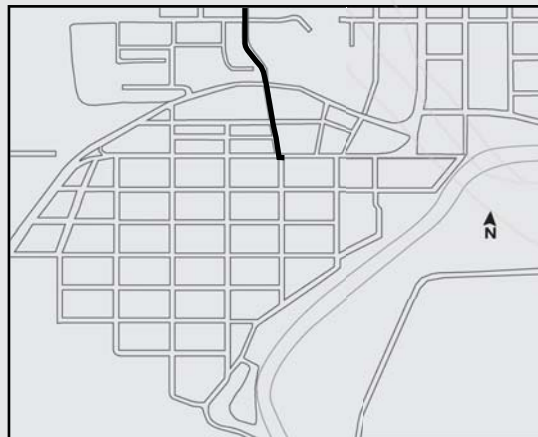
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CONNECTIONS//
contributing projects
and the web of influence



WELCOME CENTER

BRIDGE

SPA OASIS

TANK HILL OASIS

PARK

GREENHOUSE

PLAZA

GATEWAY

OVERVIEW PLAN



Broadway Back Alley

Elham Morovvati

Sustainable
Diverse
Key Destination
Secure
Integration

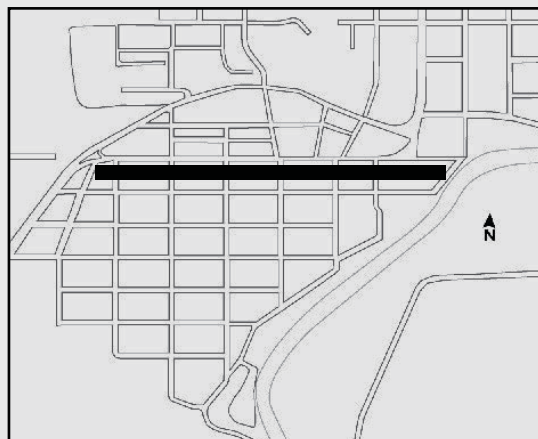
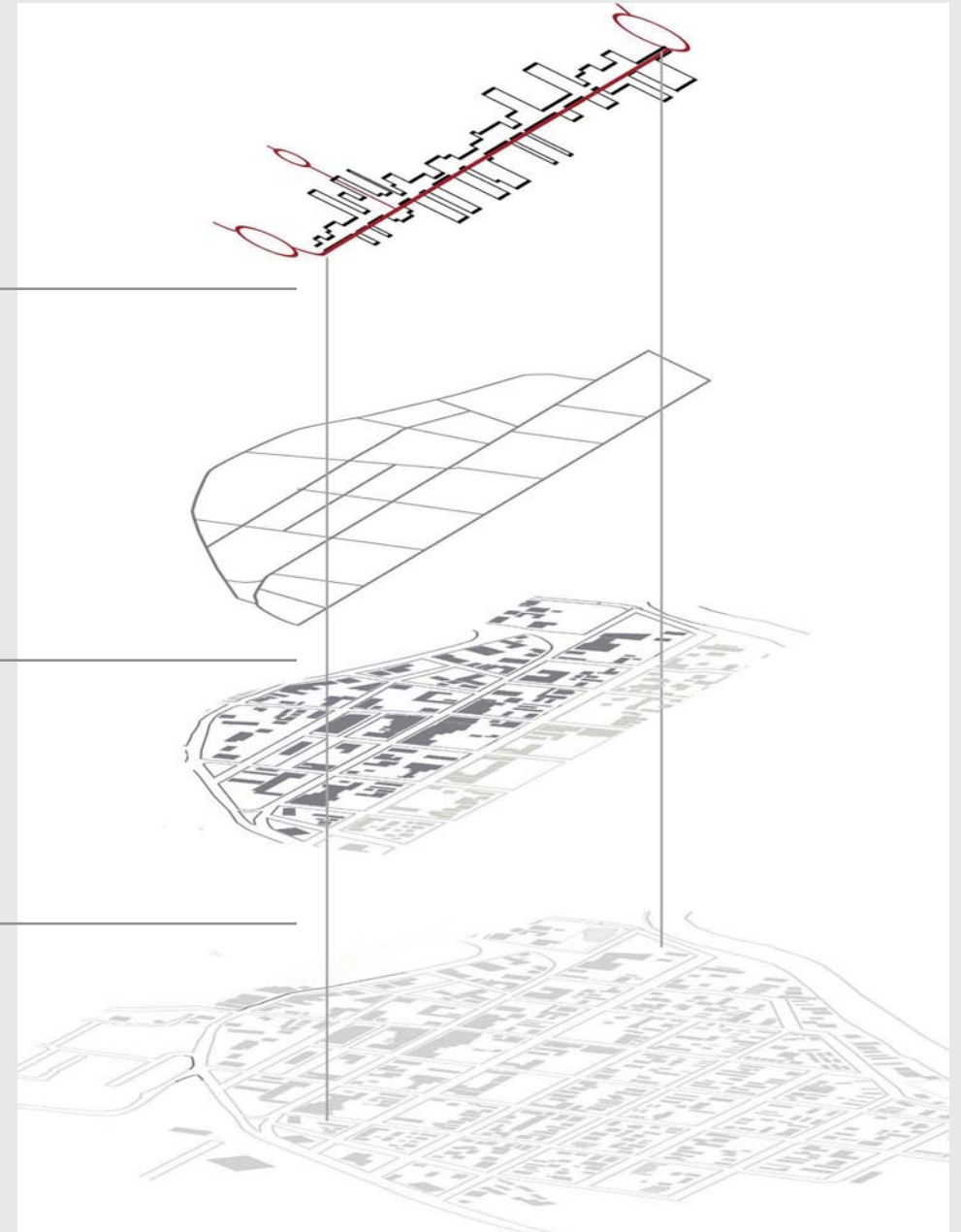
Broadway Back Alley

Downtown Driveways

T or C Downtown

T or C solid and void

Creating a pathway bordered with gardens open to pedestrians and bicyclists. There would be collapsible bollards at both ends of the greenway restricting vehicular traffic. Buildings setbacks give us the opportunity of making the current alley more useable and integrated.



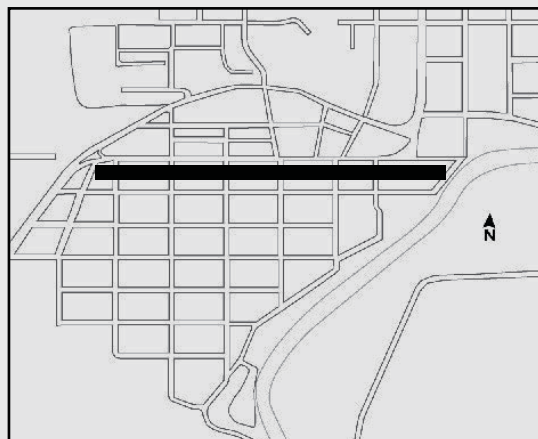
Broadway Back Alley

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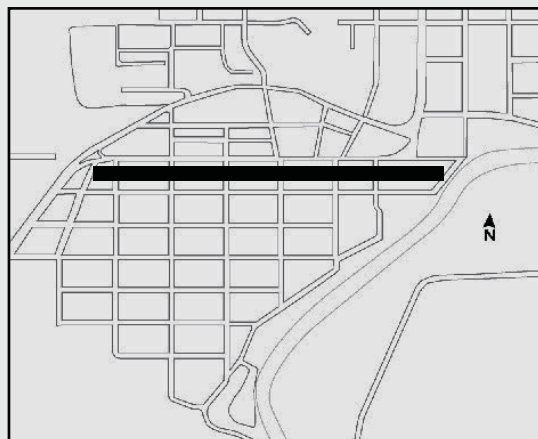
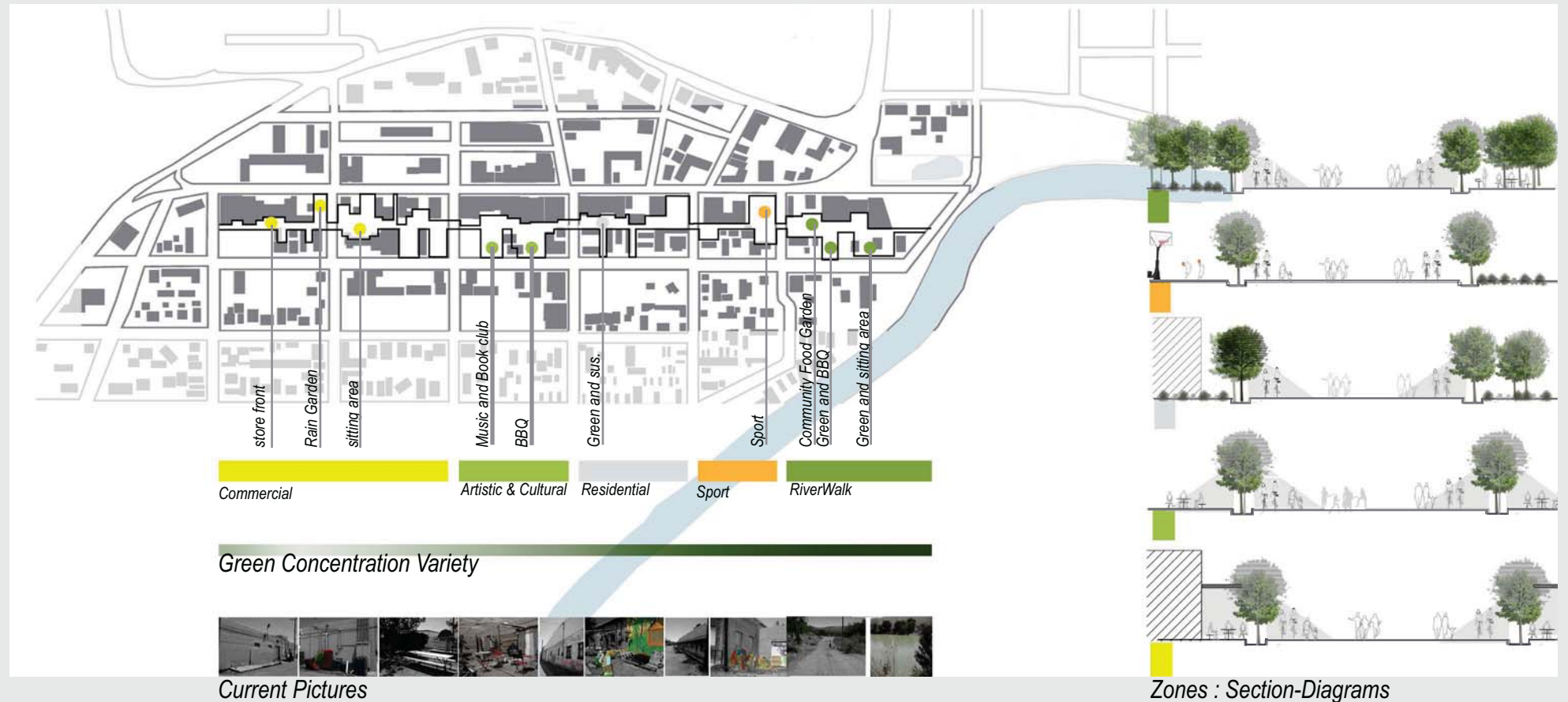
Existing Broadway Functions



Broadway Back Alley

Elham Morovvati

Dynamic
Public Art
Gathering places
Green



Design Zones and Functions

A beautiful pathway open to pedestrians and bicyclists to travel to and from businesses and residences in the neighborhood. It makes the neighborhood more walkable and rideable by providing safe and attractive thoroughfares for people to visit businesses and residences. At the same time, it helps to promote business expansion by transforming them into a place people want to be. Vibrant, multi-use pedestrian alleyways can be an integral part of TorC.

Secure

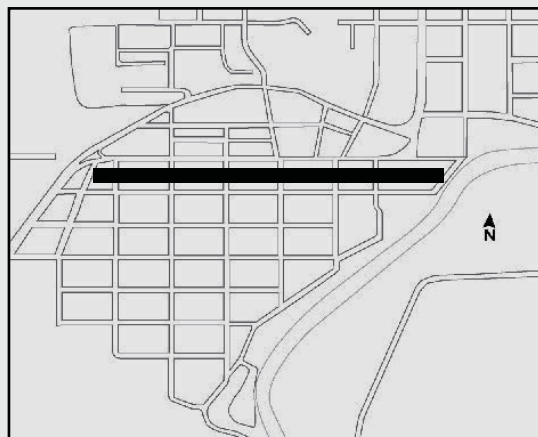
Attractive

Lively & Occupied

Social Connectivity

Shade and Sanctuary

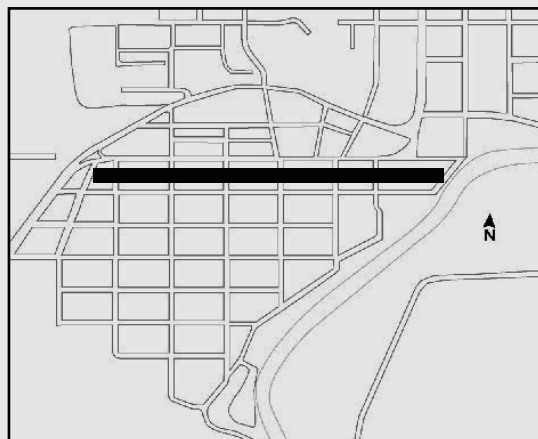
Broadway Back Alley *Elham Morovvati*



T or C Broadway Back Alley- Perspective

Secure
Attractive
Lively & Occupied
Social Connectivity

Broadway Back Alley *Elham Morovvati*



T or C Basketball Court

The spontaneous basketball hoop, one of the way finding features, in the town brought the idea of creating a multi-use, funky, and attractive place as a Basketball Court.

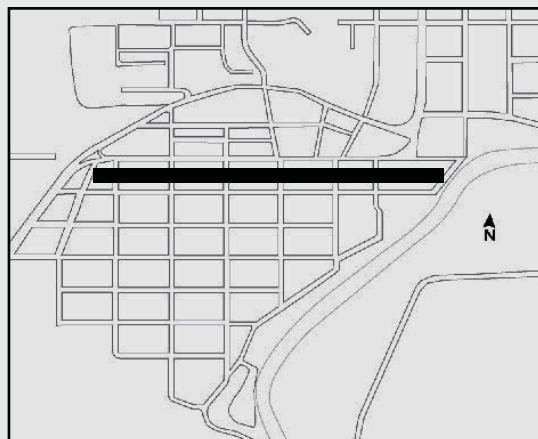
Secure
Attractive
Lively & Occupied
Social Connectivity
Shade and Sanctuary

Broadway Back Alley *Elham Morovvati*



T or C BBQ Plaza

In the way to the River Walk Zone, the wall painted vacant area shown above has the potential of being cool, funky, and fun gathering plaza. Because of the density of Green zones that increases toward the River, this place could be a hot spot of T or C for people to enjoy and having fun.



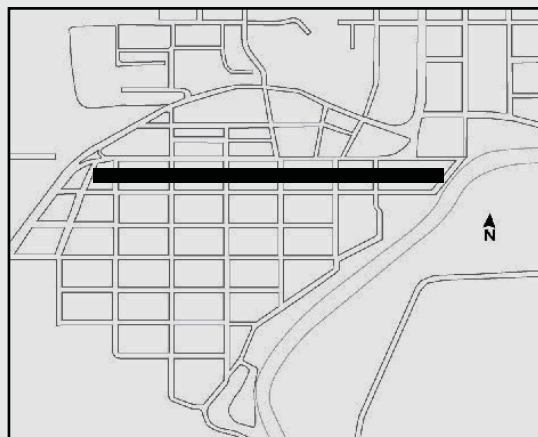
Secure
Attractive
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Shade and Sanctuary

Broadway Back Alley *Elham Morovvati*



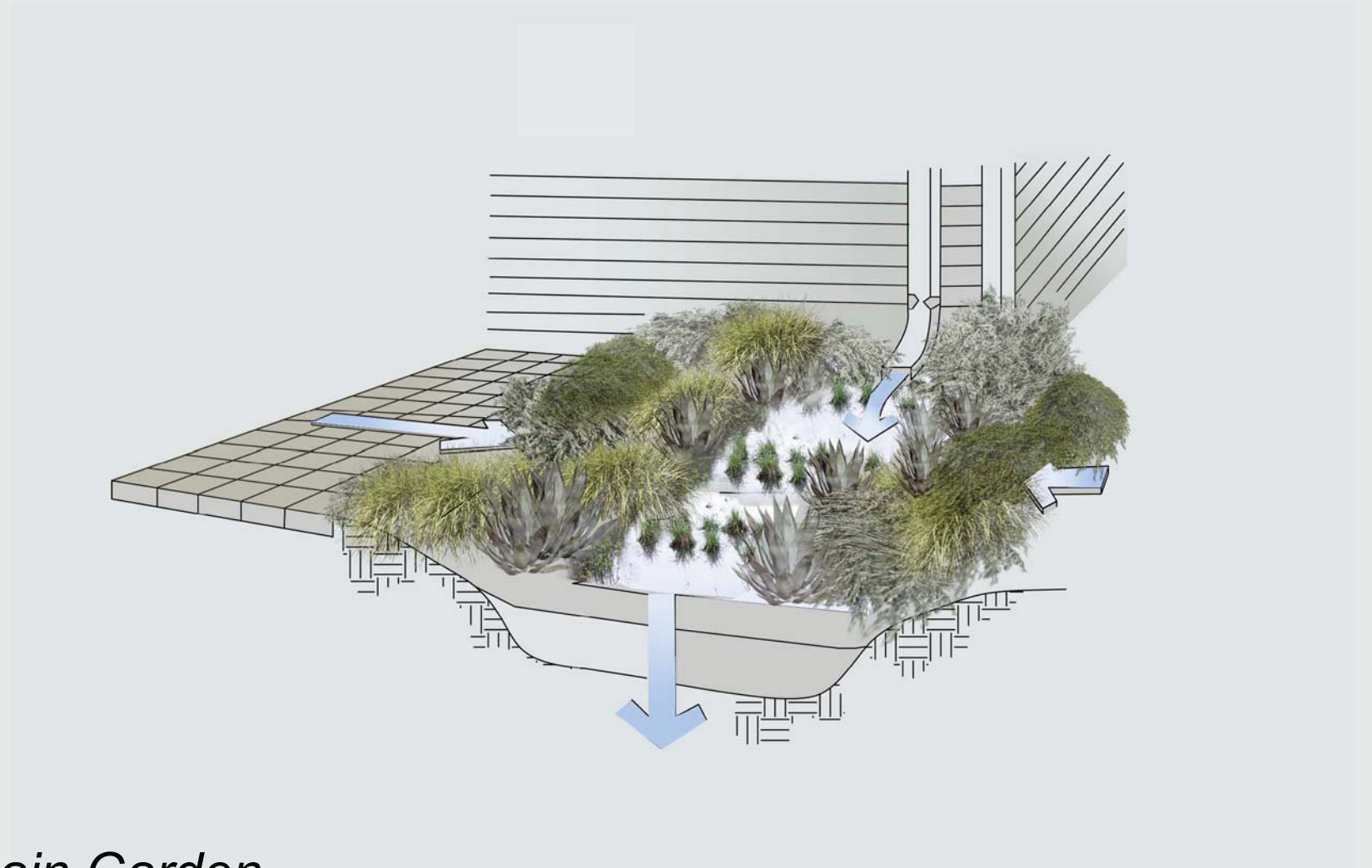
T or C Book Club

Reading is a great gift that we can take from childhood well into our senior years. What makes reading great is that although we may read alone, the concepts, ideals and values are concepts that we can learn and share with others. Where is the best place to share those idea? In your own neighborhood book club next to Book Store and Music gallery.

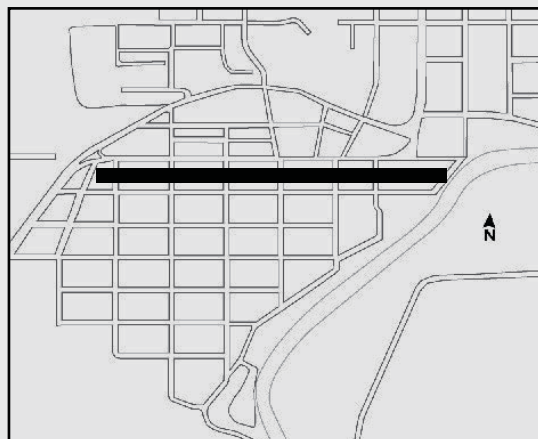


Water
Unified
Cohesive
Sustainable
Clean

Broadway Back Alley *Elham Morovvati*



DETAILS

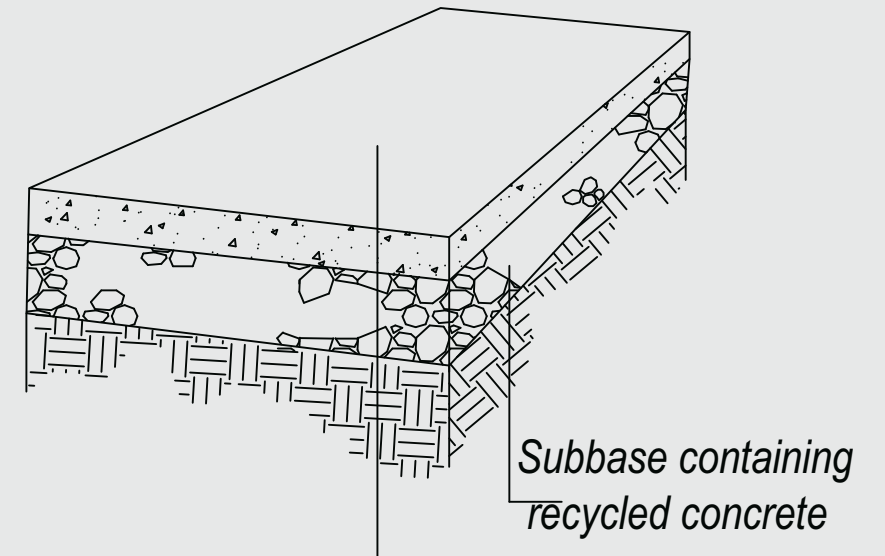
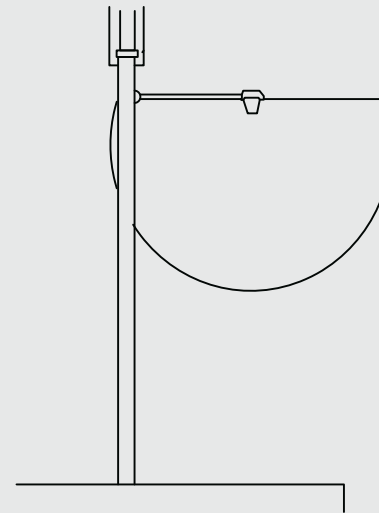
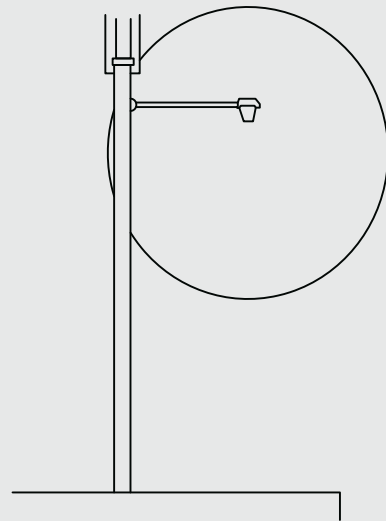


Rain Garden

- *Provides attractive garden area to receive discharge from down spouts*
- *Filters silts, pollutants and debris*
- *Reduces rate and quantity of stormwater entering the sewer system*
- *Recharge ground water*

Water
Unified
Cohesive
Sustainable
Clean

Broadway Back Alley *Elham Morovvati*



*Pavement produced using
slag, recycled concrete and/or
ground tire rubber*

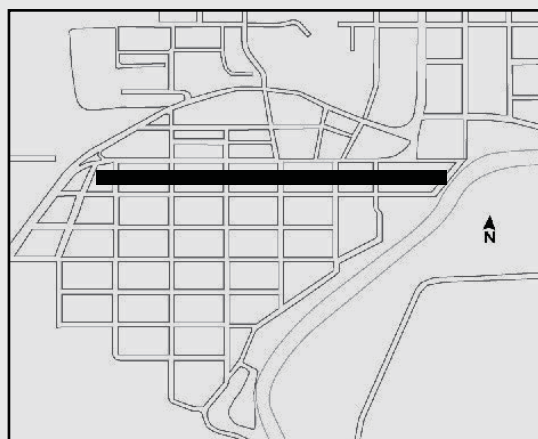
DETAILS

Dark Sky Compliant Light Fixture

- *Reduces light pollution from site*
- *Reduces glare and provides better light uniformity*
- *White light produced by metal halide fixtures has a high "color rendition index"*

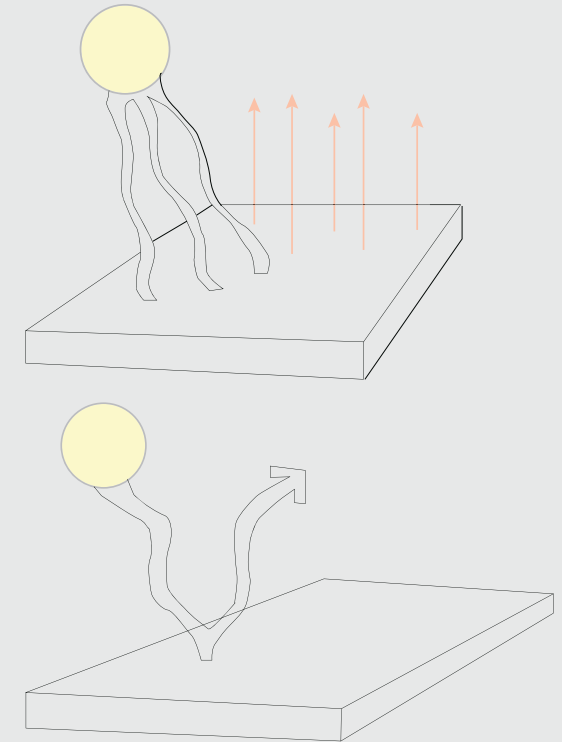
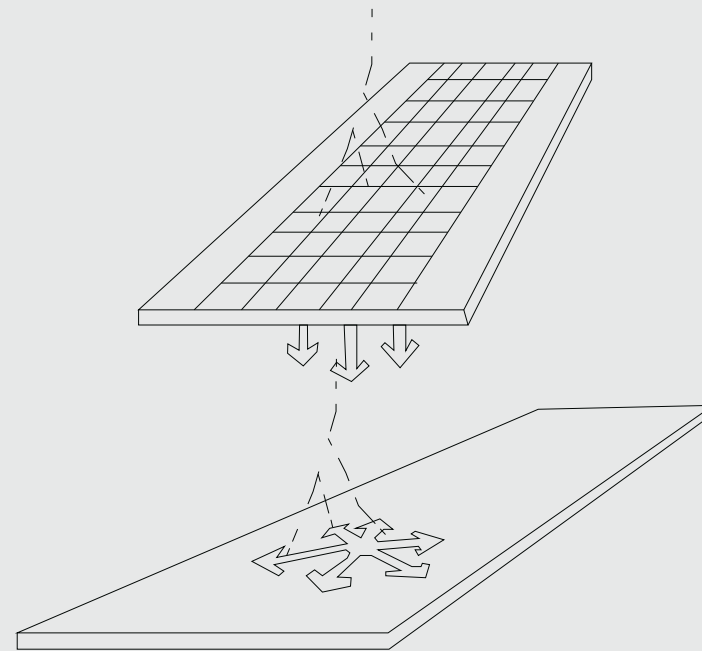
Recycled Construction Materials

- *Reduces waste hauled to landfills*
- *Reduces the need to extract virgin natural resources*
- *Develops new technologies and saves money*

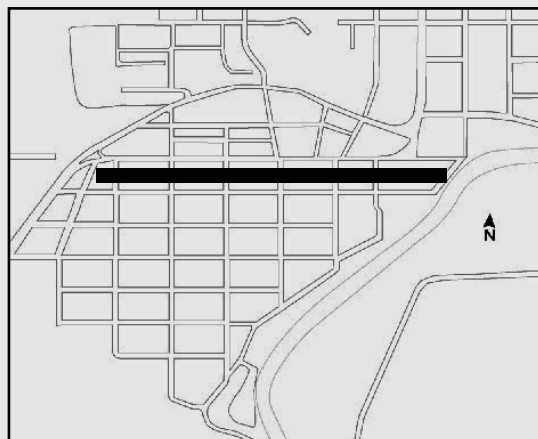


*Water
Unified
Cohesive
Sustainable
Clean*

Broadway **Back Alley** *Elham Morovvati*



DETAILS



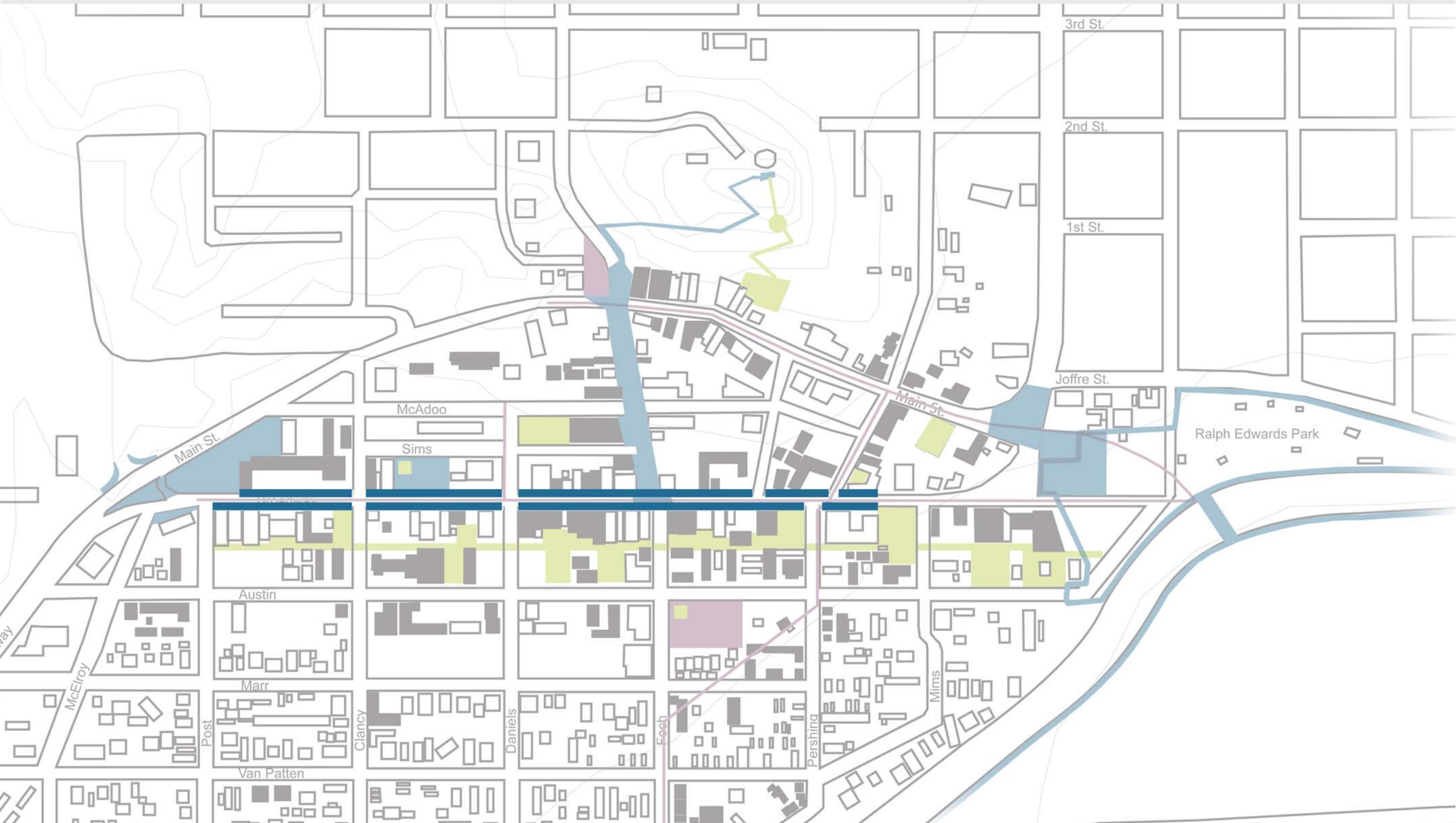
Permeable Pavement

- Reduces the amount and quantity of stormwater runoff
- Reduces stress on the sewer system
- Recharges ground water
- Filters silt, pollutants and debris

High Albedo Pavement

- Reduces the urban heat island effect
- Conserves energy by reducing cooling costs
- Improves air quality
- Filters silt, pollutants and debris

OVERVIEW PLAN



MAINSTREET STOREFRONT

Ana Hilda Casados R.

WALKABLE

IDENTITY

INFRASTRUCUTRE

INTEGRATION

EXPRESSIVE

FUSION

VISUAL

UNIFIED

ECLECTIC

VIBRANT

DIVERSE

ATTRACTIVE

GREEN

DIVERSE



design

materials

colors

elements



INTRODUCTION

CONSTRAINTS

ANALYSIS

GOALS

PROJECTS

CONCLUSION

MAINSTREET STOREFRONT

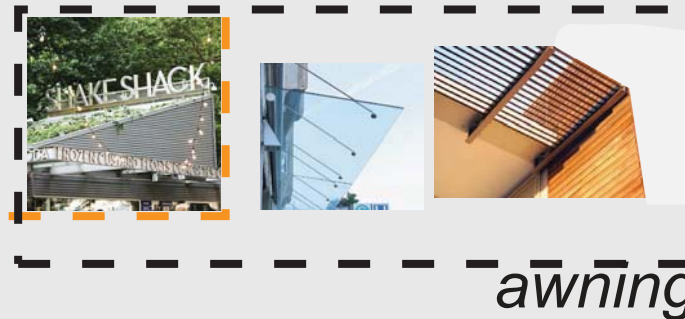
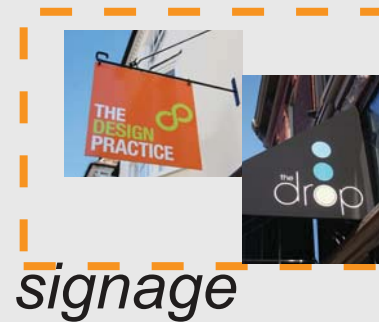
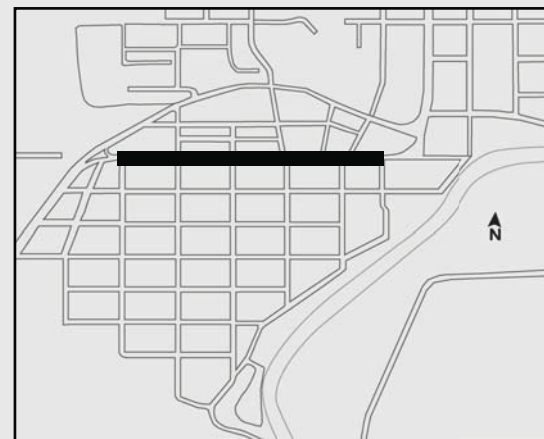
Ana Hilda Casados R.

Street analysis



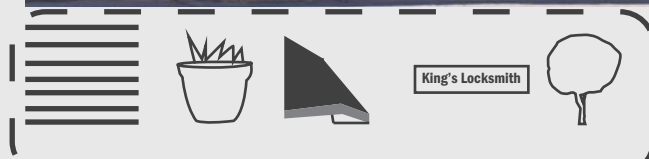
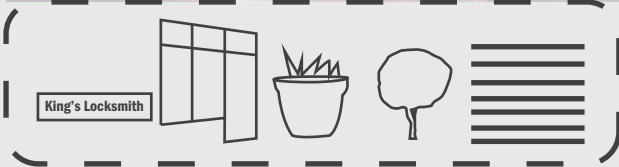
6 elements. awning. signs. planters. trees. openings.

elements improvement examples



MAINSTREET STOREFRONT

Ana Hilda Casados R.



MAINSTREET STOREFRONT

Ana Hilda Casados R.

Building improvements



AWNING

TREES

CONTAINER GARDENING
SIGNS

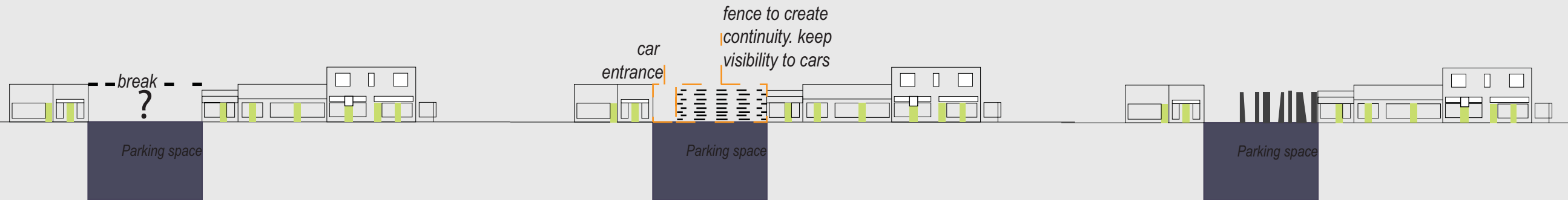
WINDOWS AND DOORS
MATERIALS



MAINSTREET SROREFRONT

Ana Hilda Casados R.

Parking space



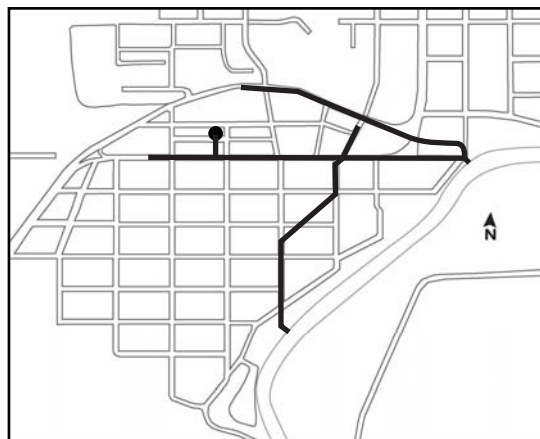
OVERVIEW PLAN



WATER ON THE STREETScape

sam george

water | public space | sustainability

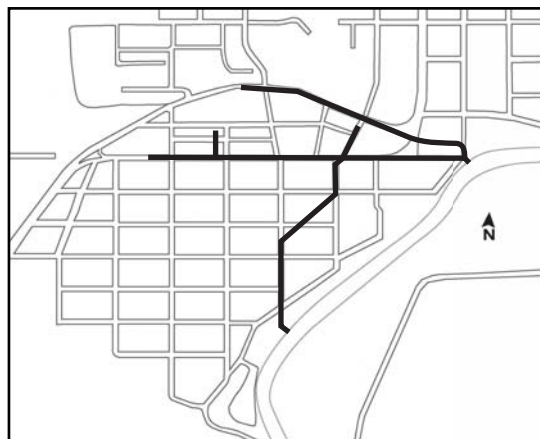


***VIGNETTE: INFRASTRUCTURE AS ART
ART AS INFRASTRUCTURE***

INTRODUCTION CONSTRAINTS ANALYSIS GOALS PROJECTS CONCLUSION

WATER ON THE STREETSCAPE

sam george



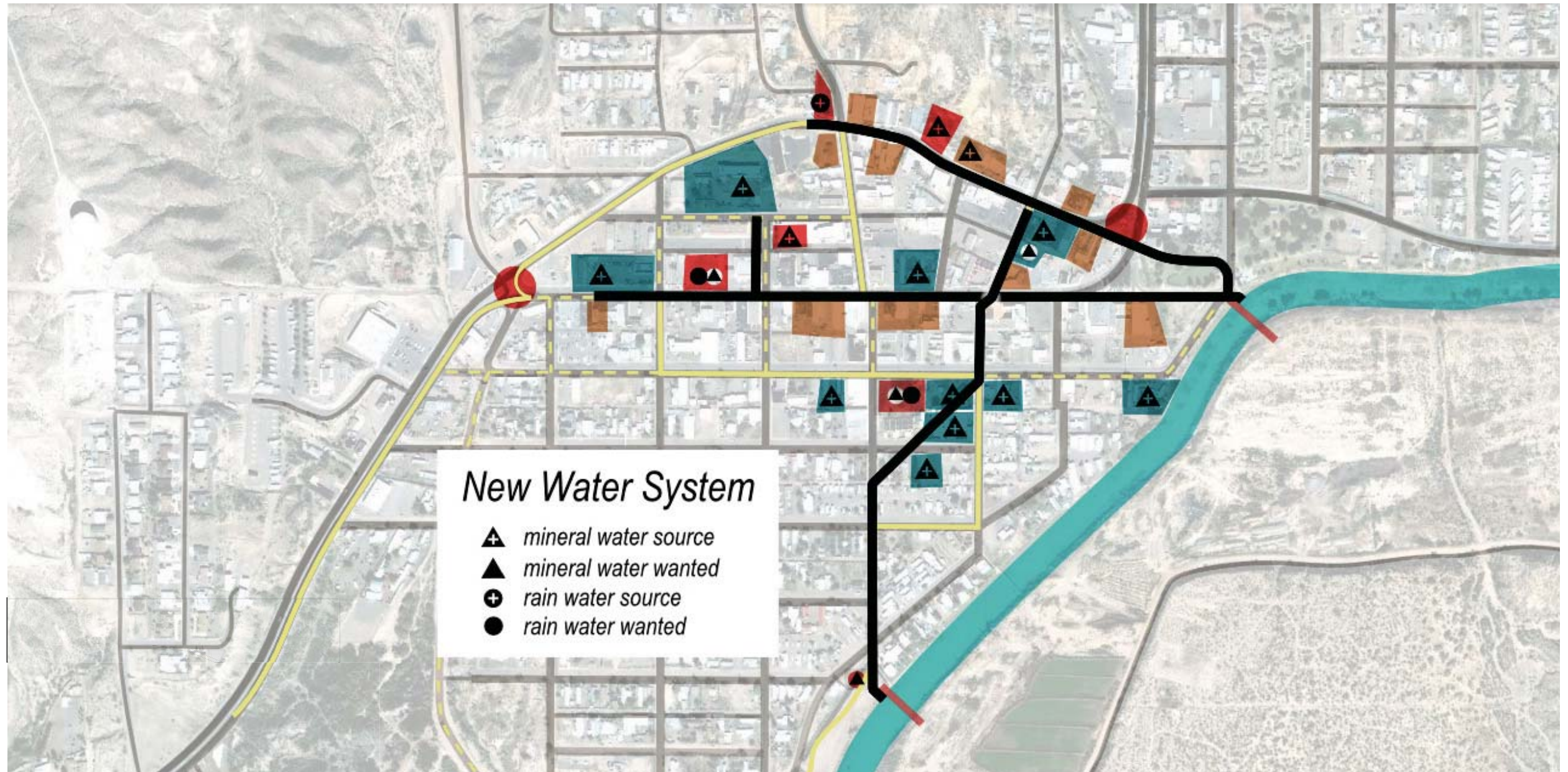
A SYSTEMS BASED APPROACH:

Can public infrastructure do more than perform its basic function? Rainwater and mineral water leaving the spas need to get to the river, but what else could this water do?

WATER ON THE STREETSCAPE

sam george

connection | wayfinding



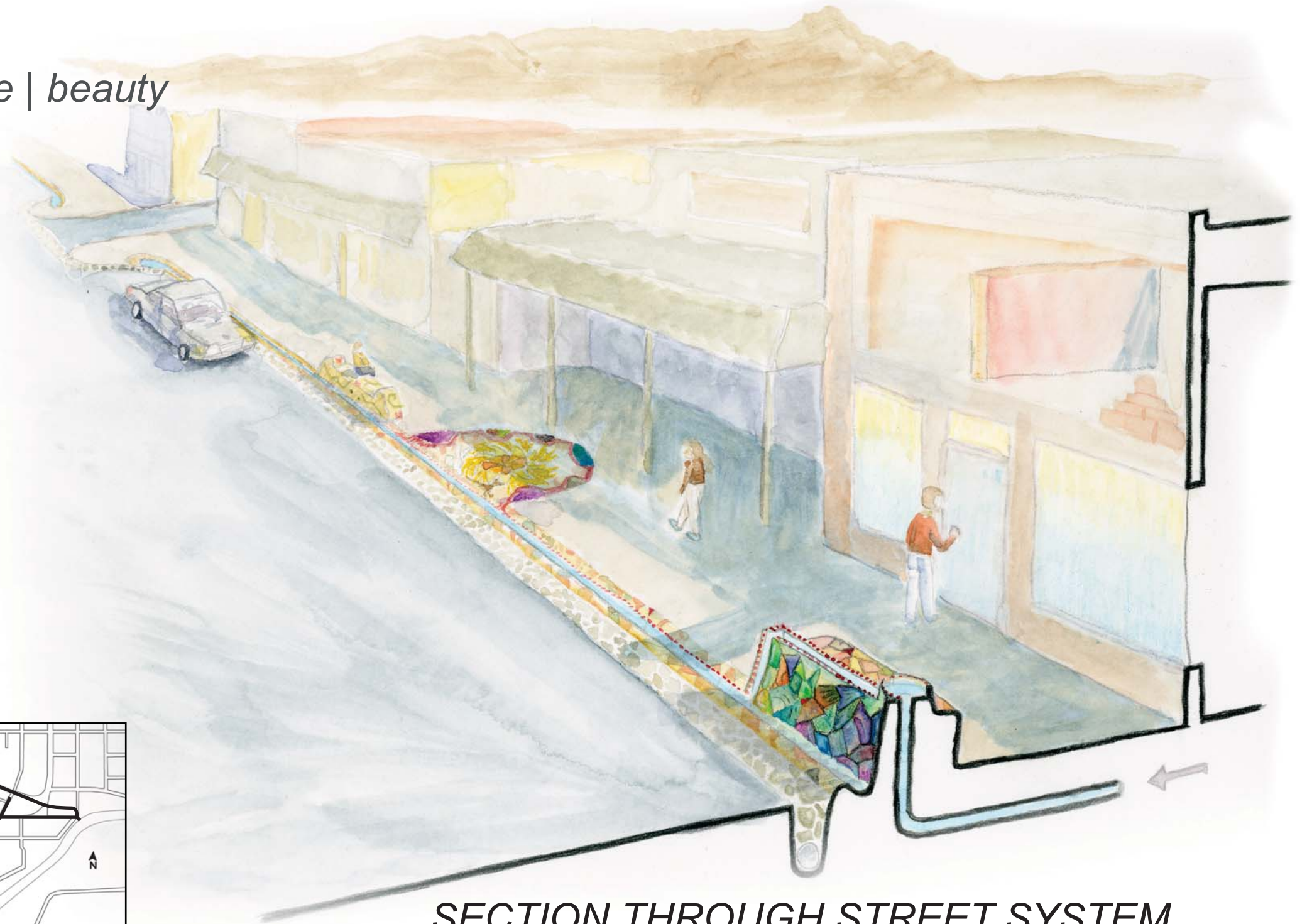
PLAN OF SYSTEM PATH

INTRODUCTION CONSTRAINTS ANALYSIS GOALS PROJECTS CONCLUSION

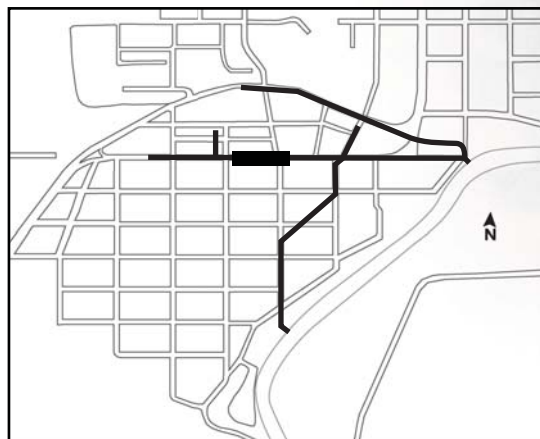
WATER ON THE STREETSCAPE

sam george

public space | beauty



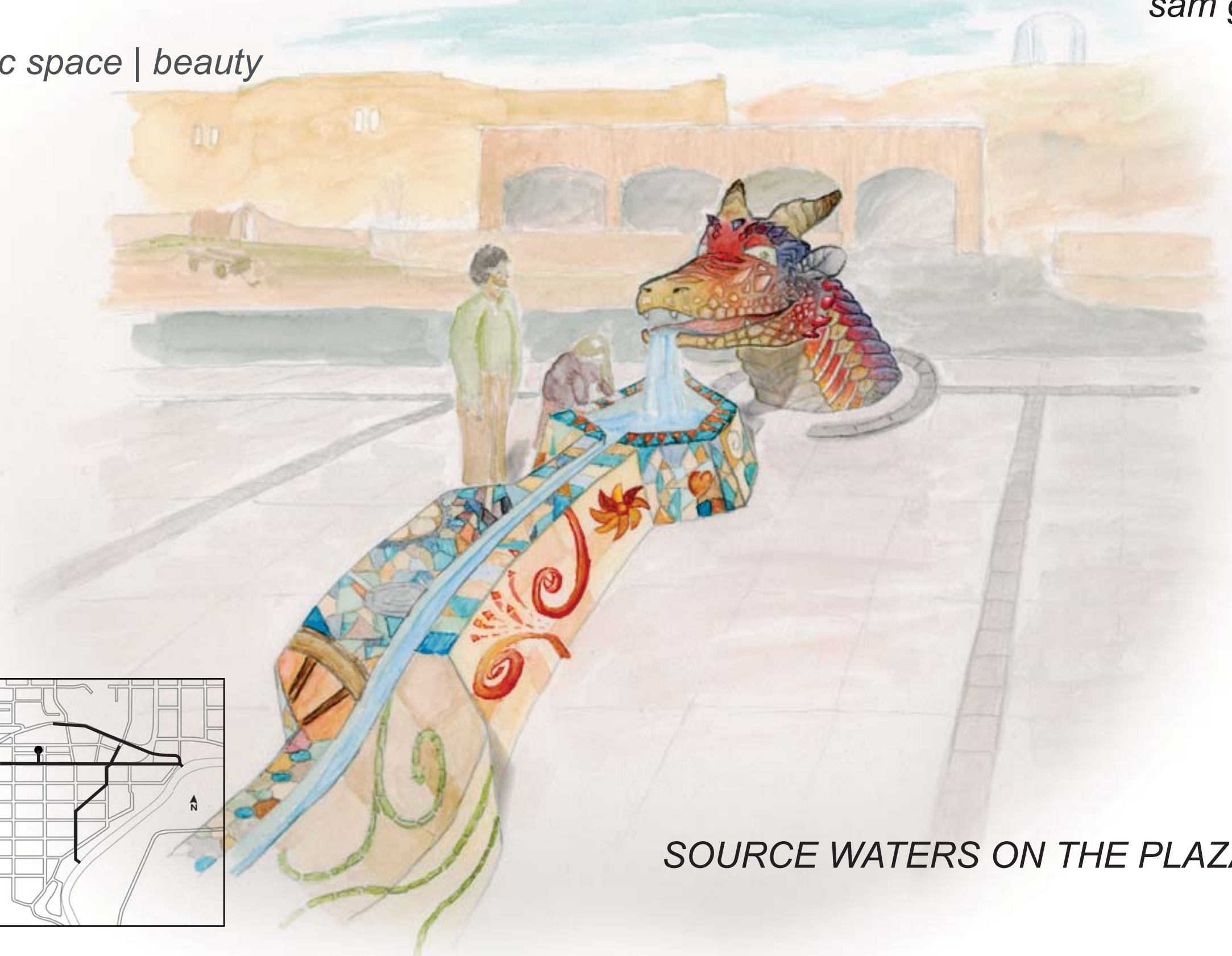
SECTION THROUGH STREET SYSTEM



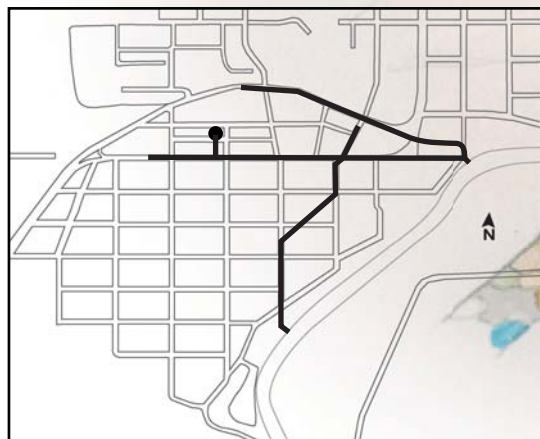
WATER ON THE STREETSCAPE

sam george

public space | beauty



SOURCE WATERS ON THE PLAZA

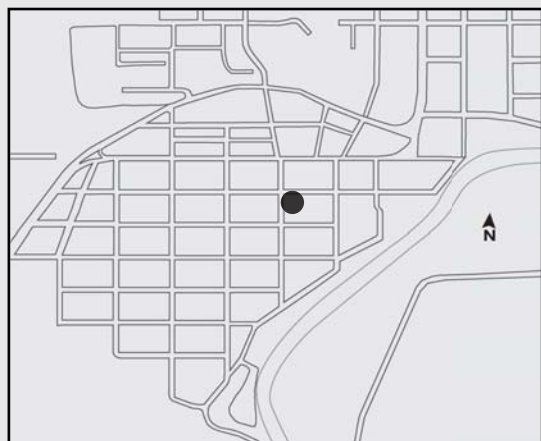
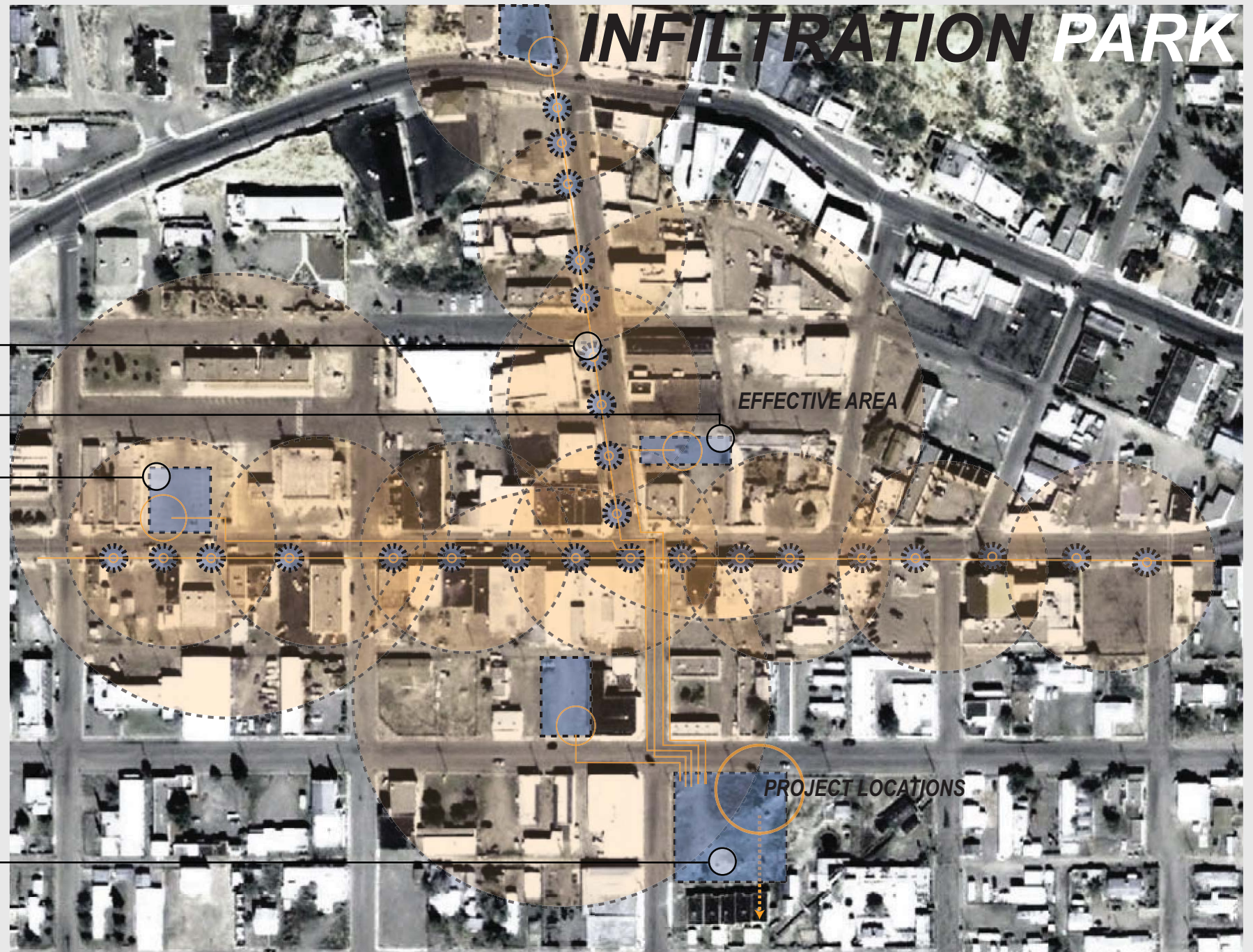


INTRODUCTION CONSTRAINTS ANALYSIS GOALS PROJECTS CONCLUSION

OVERVIEW PLAN

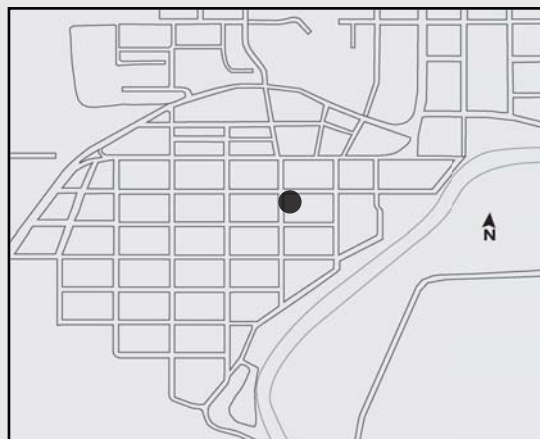
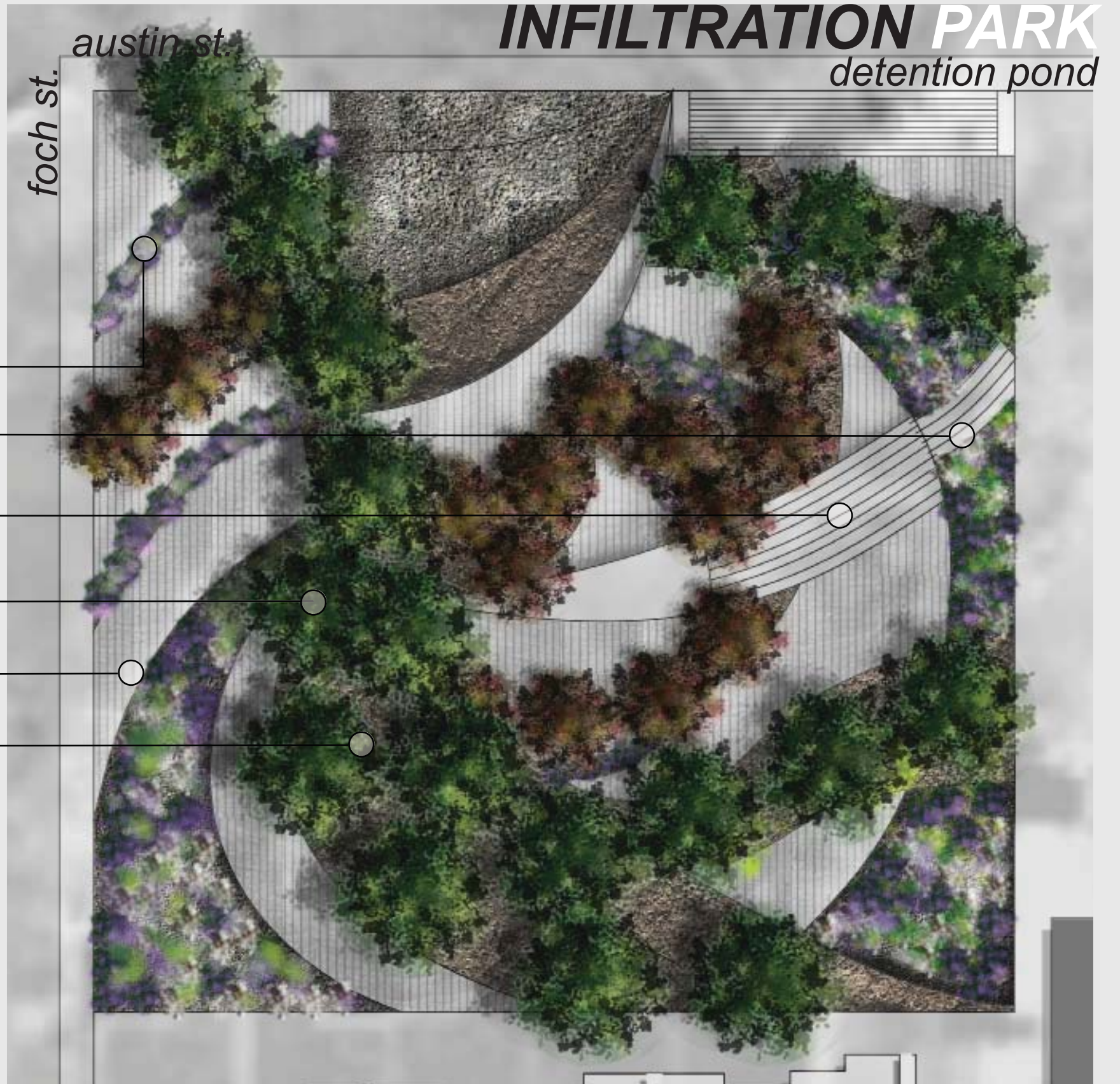


stormwater mitigation
bio swales
sustainable
infrastructure integration
landscape buffers
pocket park
plaza
infiltration park

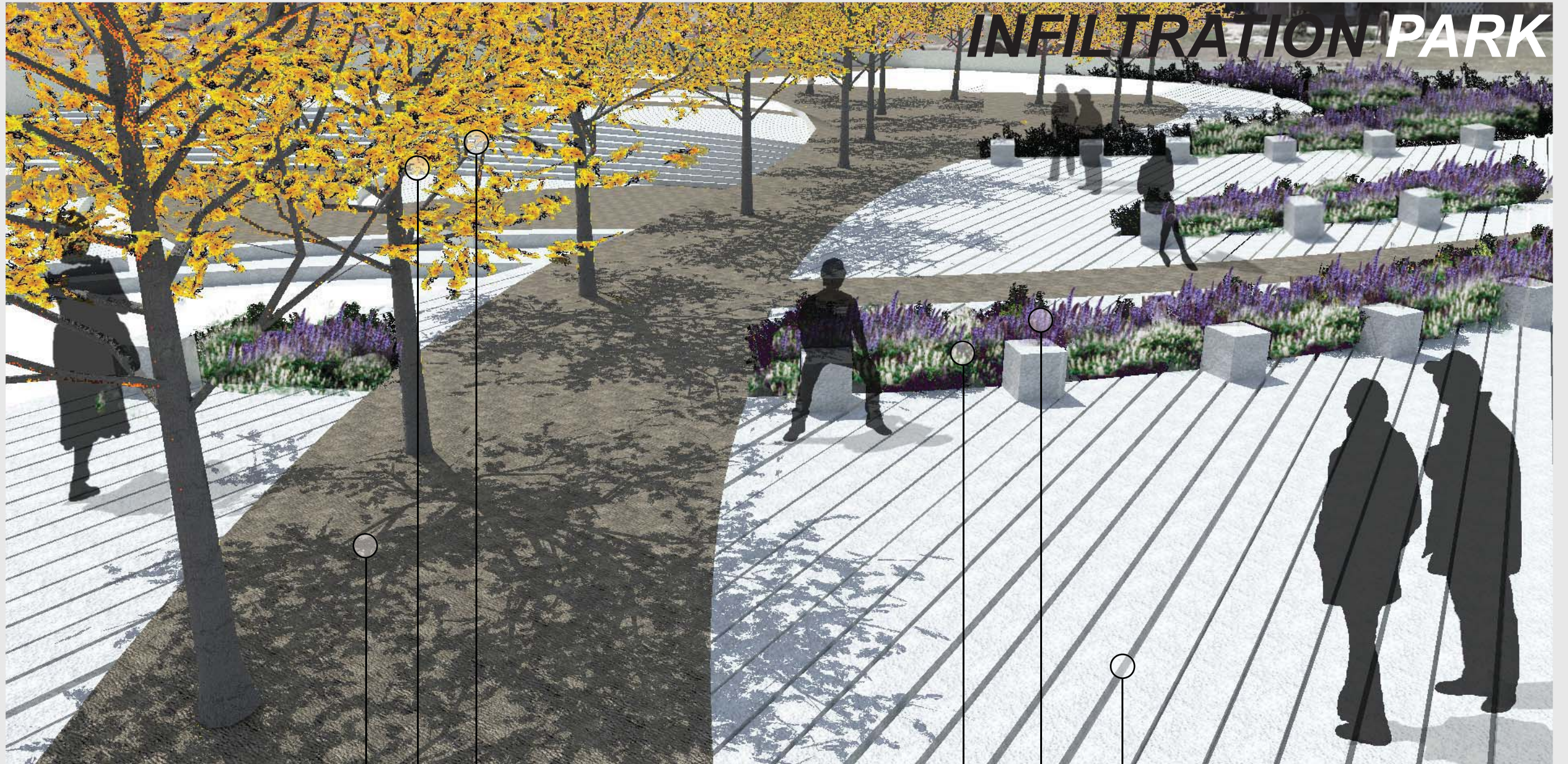


systematic integration of stormwater preventions at site, neighborhood and regional scales. all systems maintain an overflow that exits into the main detention facility, the infiltration park, for resolution.

stormwater mitigation
bio-infiltration system
water expression
self-sufficient
infrastructure integration
infiltration basins
water experience
terraced plaza space
drought tolerant plants
conveyance grooving
walkable spaces

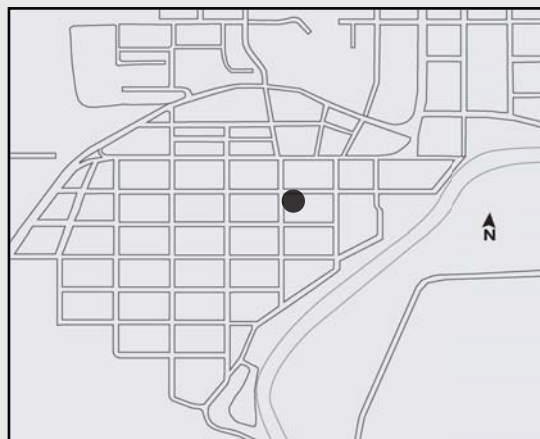


INFILTRATION PARK



water experience
terraced plaza space
walkable spaces

conveyance grooving
infiltration basins
drought tolerant plants



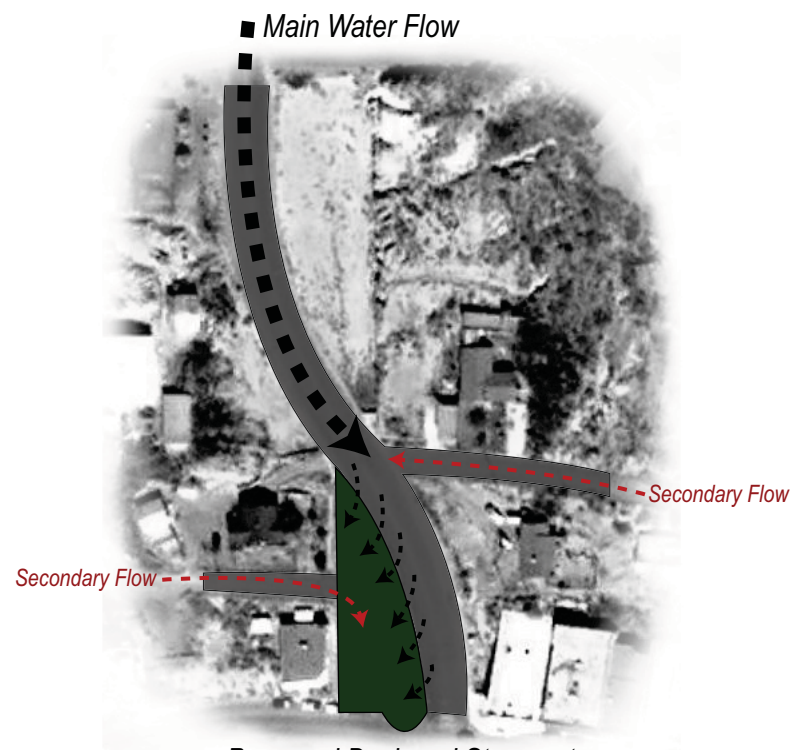
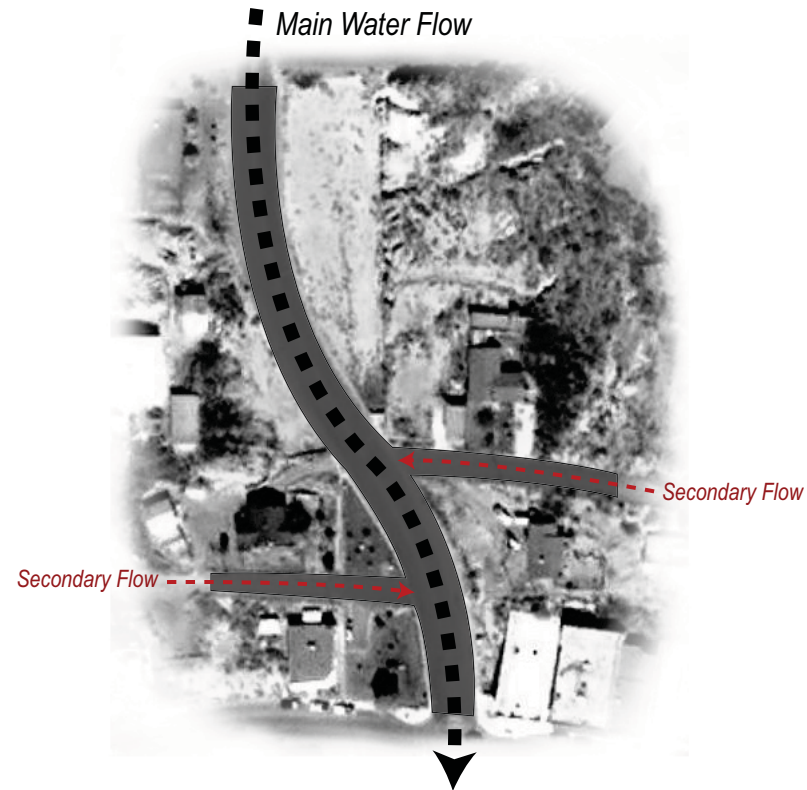
OVERVIEW PLAN



CORNER OASIS

michael kilroy

Storm Intensity of 1/2" Per Hour Produces Approx.
170,500 Gallons of Stormwater Runoff on Street Surface



Proposed Designed Stormwater
Capacity of Approx. 250,000 Gallons



Sustainable
Attractive
Oasis
Affordable
Artistic
Playful
Bioswale

CORNER OASIS

michael kilroy

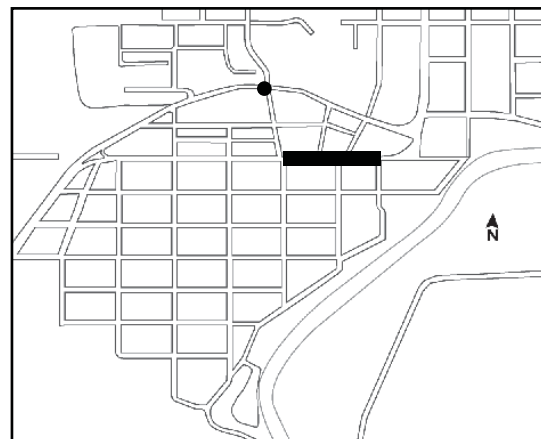


Southwest View



North View

Plan View



Unique
Funky
Scenic
Creative

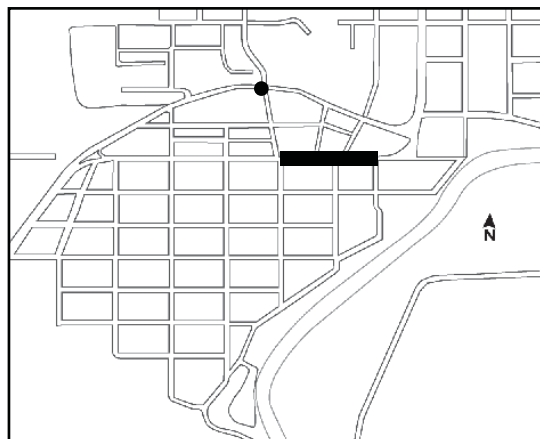
CORNER OASIS

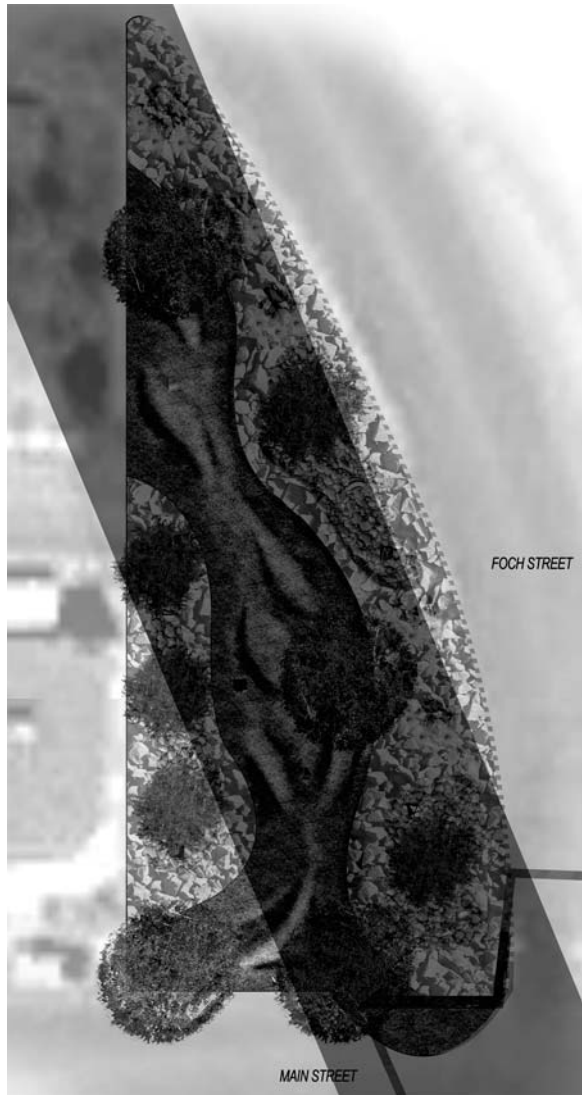
michael kilroy

Section Facing East

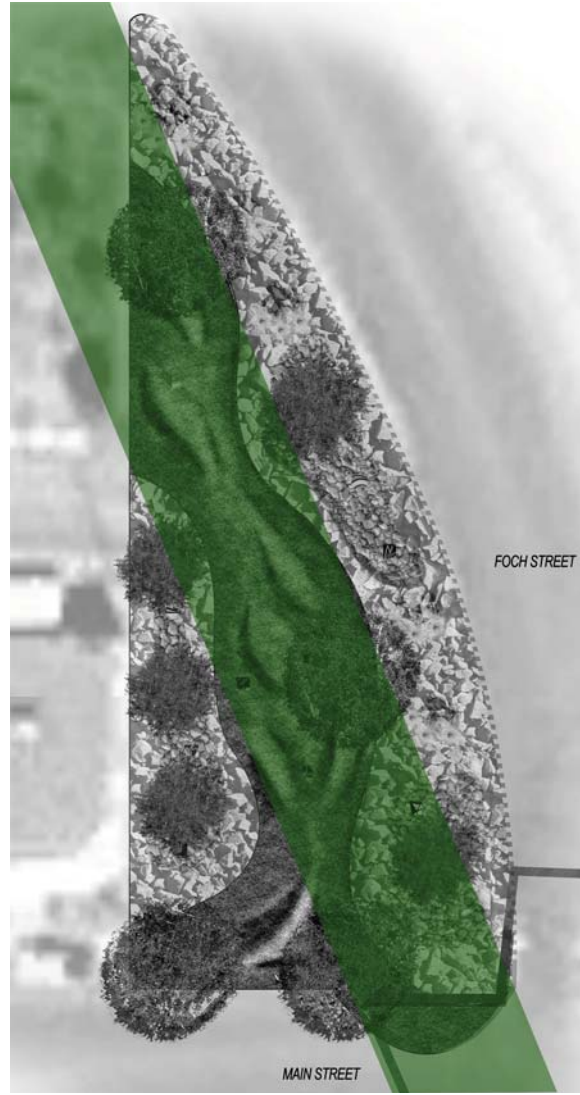


Public Art
Recreation
Water
Maintainable
Vibrant

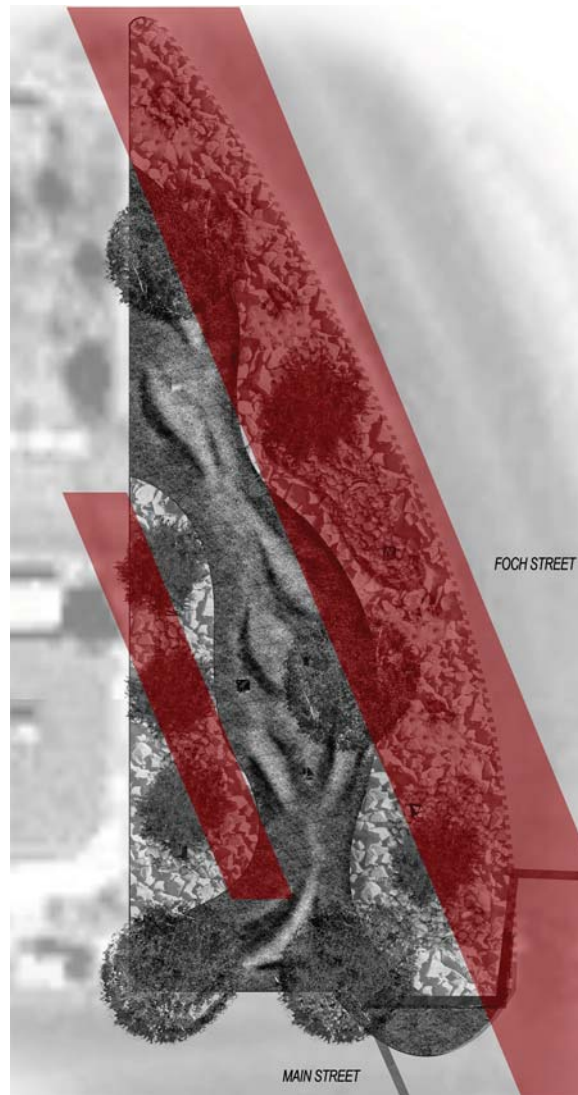




Art Installation

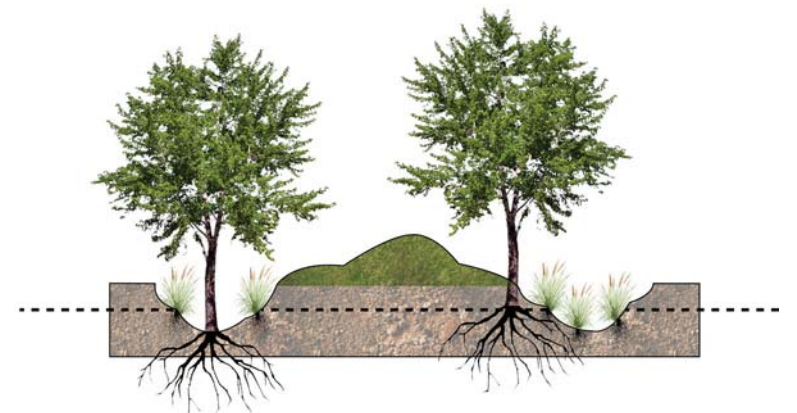
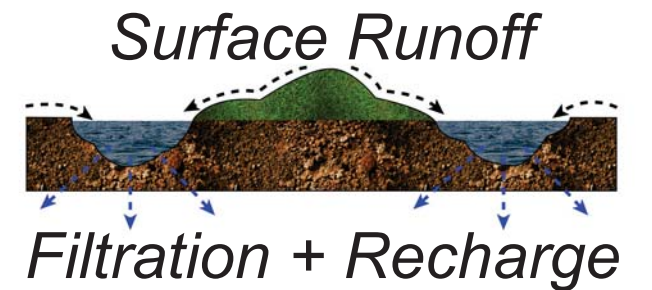


Green Belt



Runoff Collection

CORNER OASIS *michael kilroy*



Soil Stabilization



- Rain Collection*
- Infiltration Basin*
- Visual*
- Wayfinding*
- Place-Making*

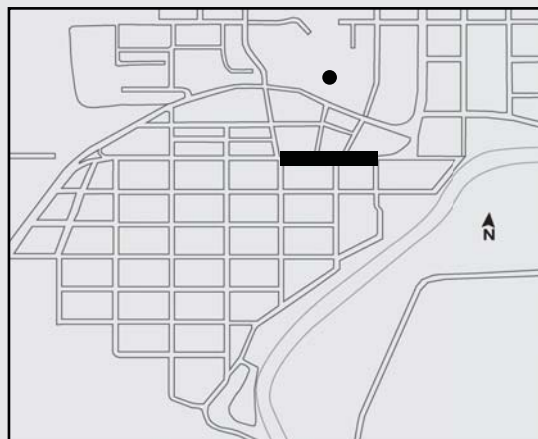
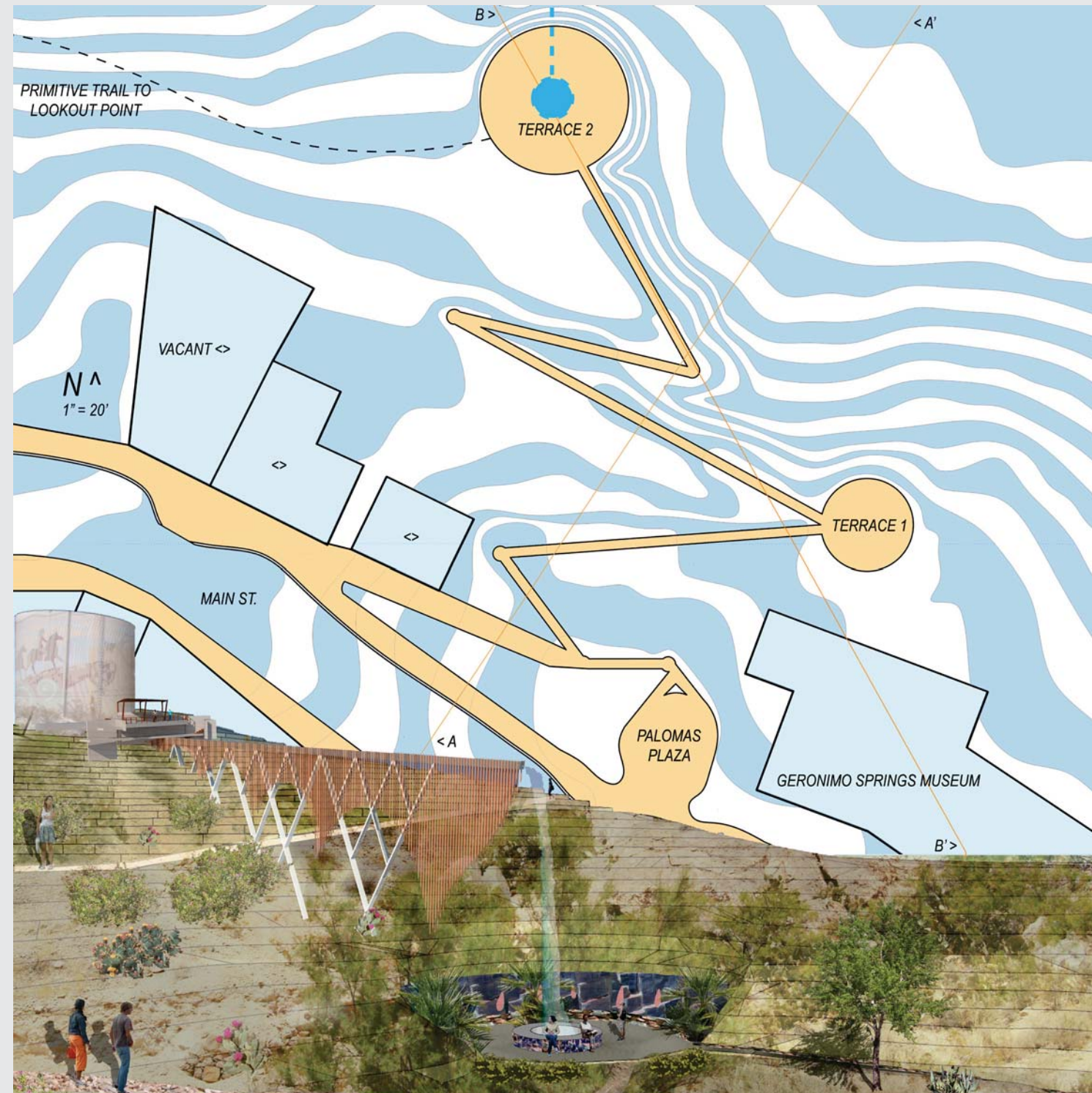
OVERVIEW PLAN



*spontaneous
water celebration
microclimate
accessible
intriguing
refuge*

TANK HILL OASIS

drew seavey

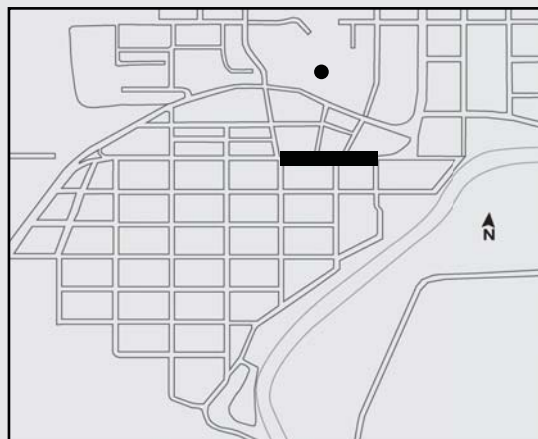
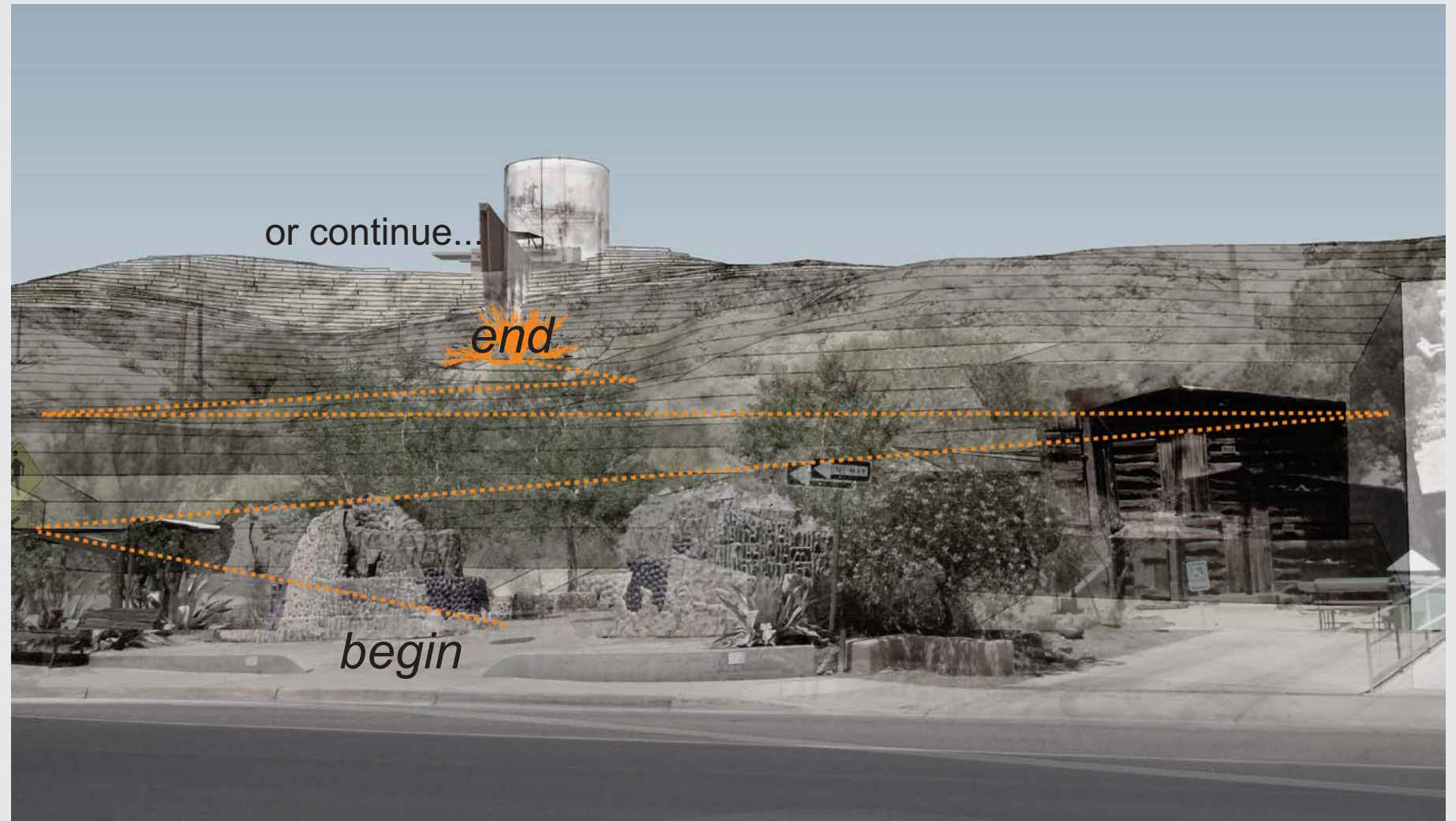


**PLAN VIEW: PATH WINDS ABOVE PALOMAS PLAZA
CULMINATING IN A LUSH CUT TERRACE.**

*spontaneous
water celebration
microclimate
accessible
intriguing
refuge*

TANK HILL OASIS

drew seavey

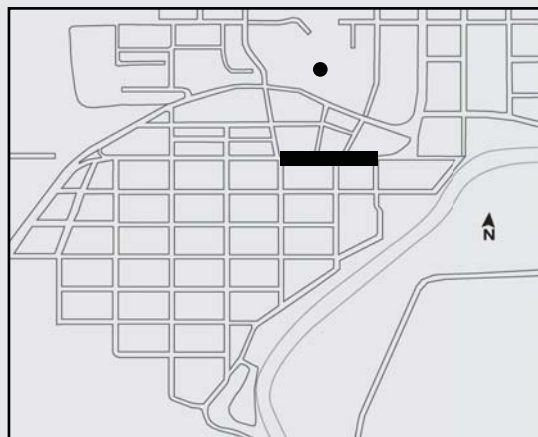


PROPOSED PATH: UNIVERSAL ACCESS TO RUGGED TERRAIN. 1:16 SLOPE ADA REGULATION WALKWAY WITH LANDINGS AT 30FT INTERVALS.

*spontaneous
water celebration
microclimate
accessible
intriguing
refuge*

TANK HILL OASIS

drew seavey

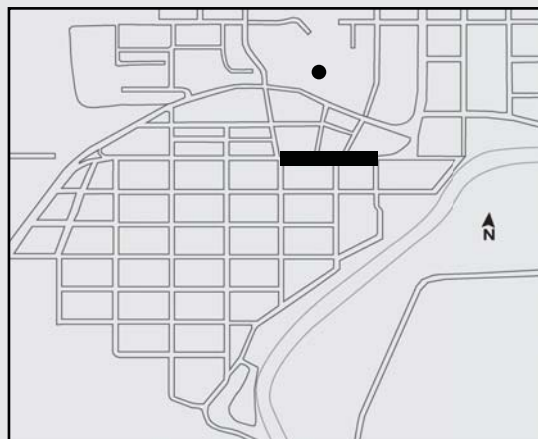


VIGNETTE: PUBLIC TERRACE. WATER WEAVES IN AND OUT OF VIEW. MOISTURE INCREASES. MICROCLIMATE FOR WINDMILL PALMS.

*spontaneous
water celebration
microclimate
accessible
intriguing
refuge*

TANK HILL OASIS

drew seavey

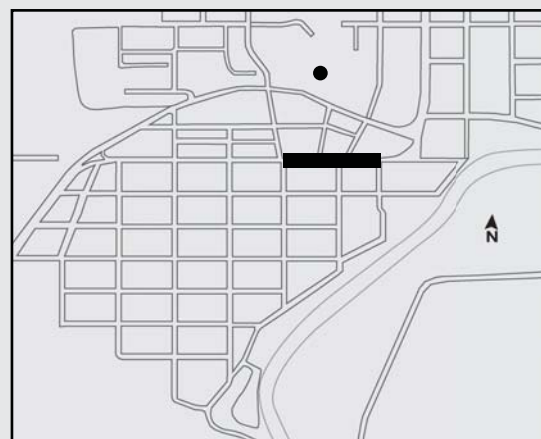
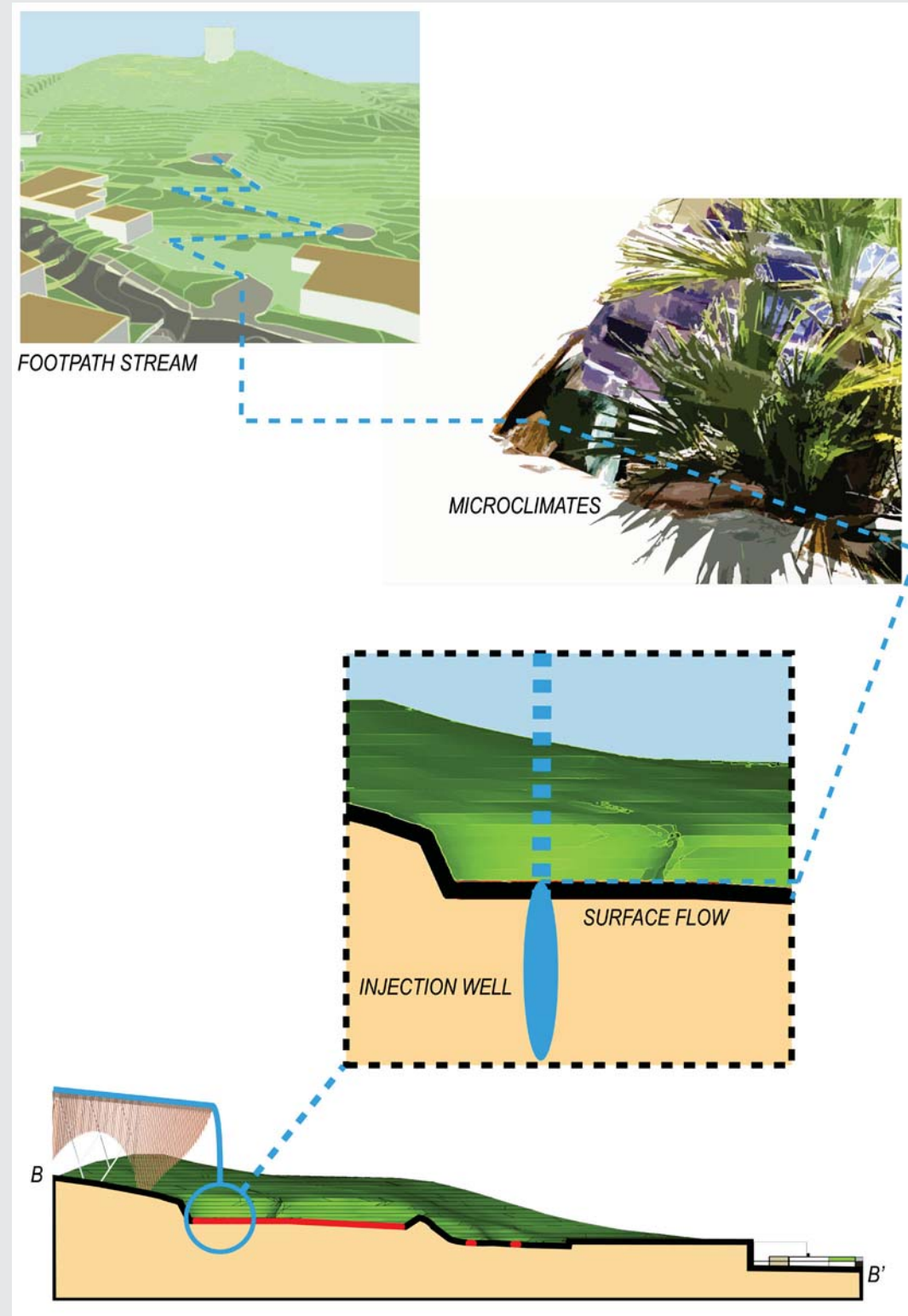


VIGNETTE: LOOKING SOUTH OFFERS A ROOFTOP VIEW OF DOWNTOWN.

spontaneous
water celebration
microclimate
accessible
intriguing
refuge

TANK HILL OASIS

drew seavey



OVERVIEW PLAN



oasis

paths

way finding

nodes

spas

parks

environment

art

culture

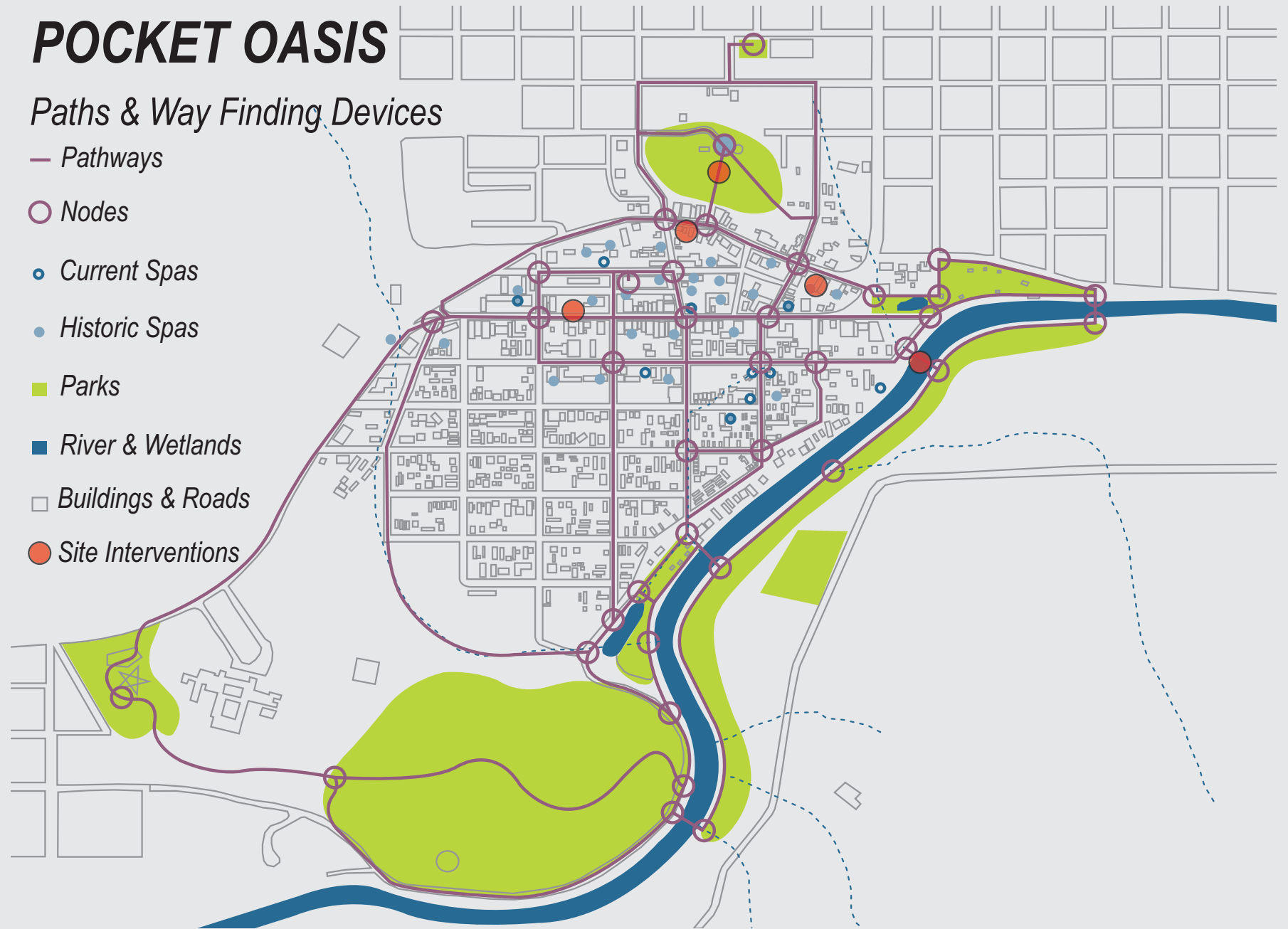
ART & OASIS

scott sutton

POCKET OASIS

Paths & Way Finding Devices

- Pathways
- Nodes
- Current Spas
- Historic Spas
- Parks
- River & Wetlands
- Buildings & Roads
- Site Interventions



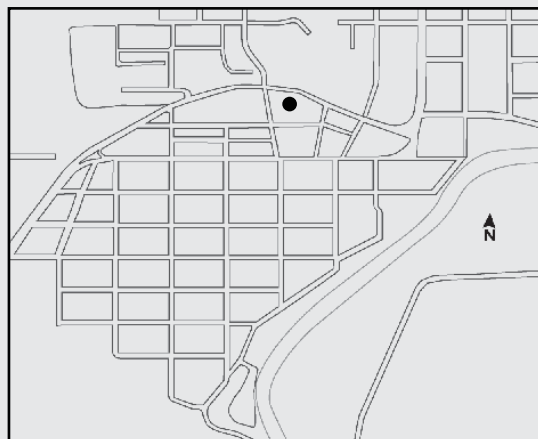
material
culture
art
history
sustainable
economical

ART & OASIS

scott sutton



MATERIAL CULTURE OF PAST AND PRESENT CAN BE USED TO INSPIRE DESIGNS FOR ART INTERVENTIONS.



spontaneous
water celebration
microclimate
accessible
intriguing
refuge
oasis
art
way finding

ART & OASIS

scott sutton



POCKET OASIS : RE-USE OF HOTSPRINGS GREY WATER FOR SCULPTURAL ELEMENTS AND WAY FINDING.



refuge

oasis

shade

artistic

modern

culture

connectivity

ART & OASIS

scott sutton



SHADE STRUCTURE INSPIRED BY THE LEAVES OF THE YUCCA THAT WAS TRADITIONALLY USED FOR SOAP AND OTHER MATERIALS.



refuge

oasis

shade

artistic

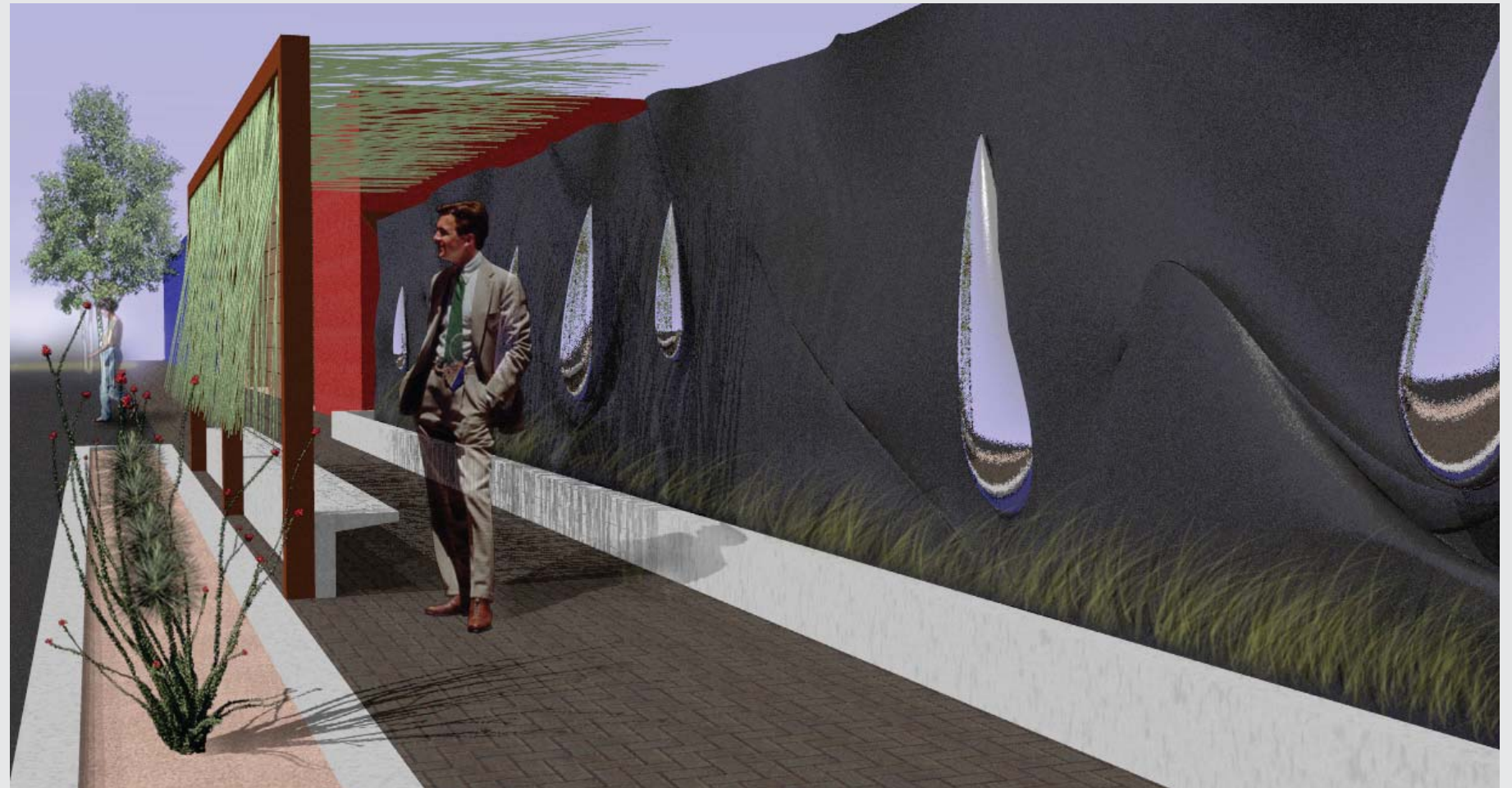
modern

culture

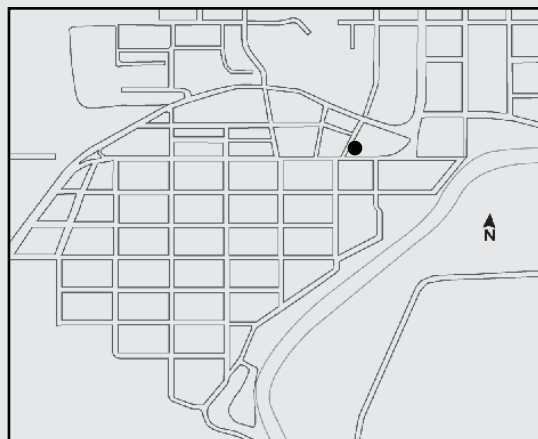
connectivity

ART & OASIS

scott sutton



SHADE STRUCTURE WITH WATER WALL AND BIO-SWALE.



refuge

way finding

destination

accessibility

transportation

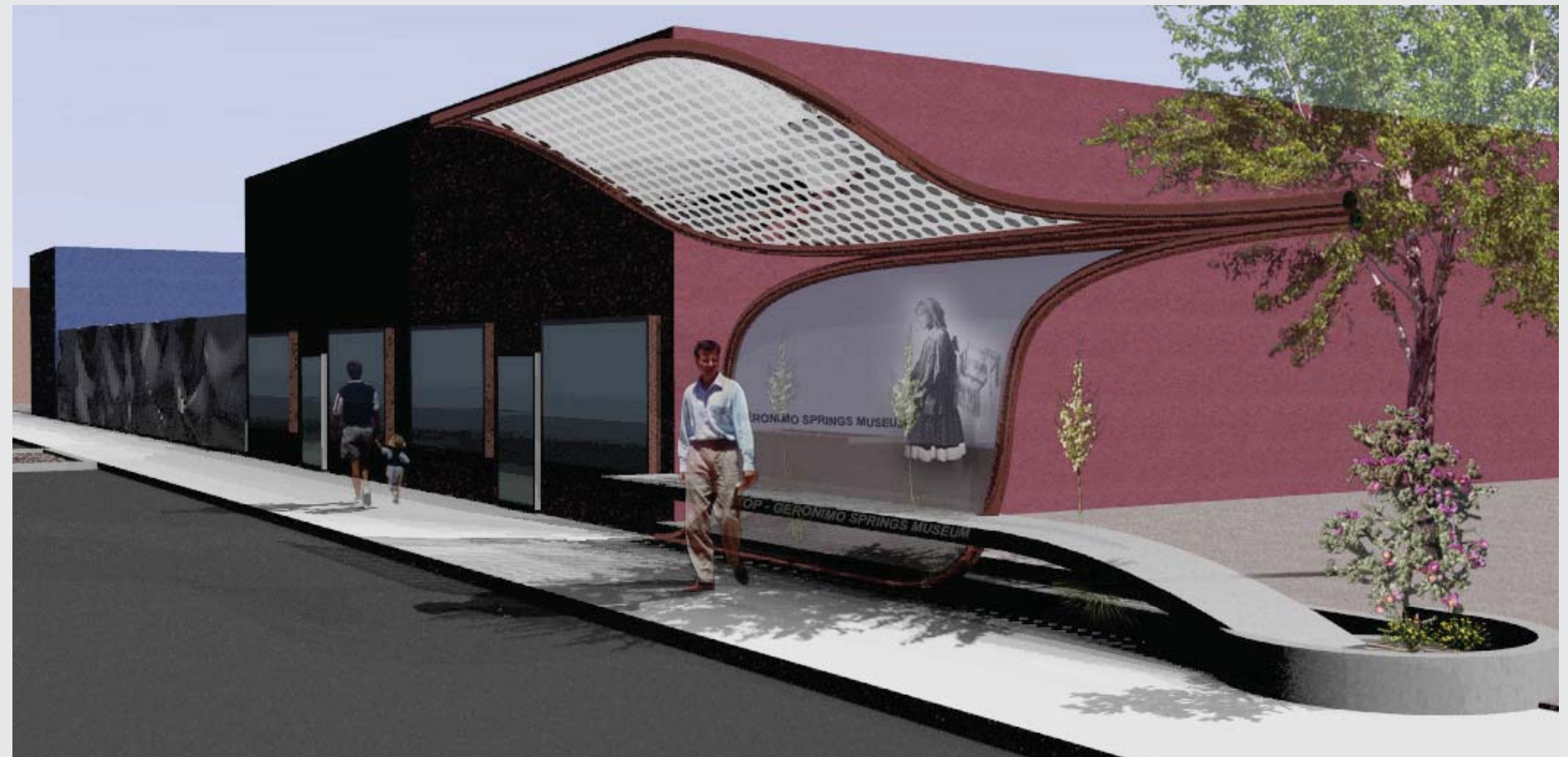
history

culture

sustainable

ART & OASIS

scott sutton



A BUS STOP THAT ACTS AS A SHADE STRUCTURE WITH SOLAR PANELS AND A BIO-SWALE WHILE PROVIDING TRANSPORTATION TO LOCAL DESTINATIONS. IMAGES ARE ETCHED IN GLASS THAT REPRESENT THE HISTORY OF TRUTH OR CONSEQUENCES.



refuge

way finding

destination

accessibility

transportation

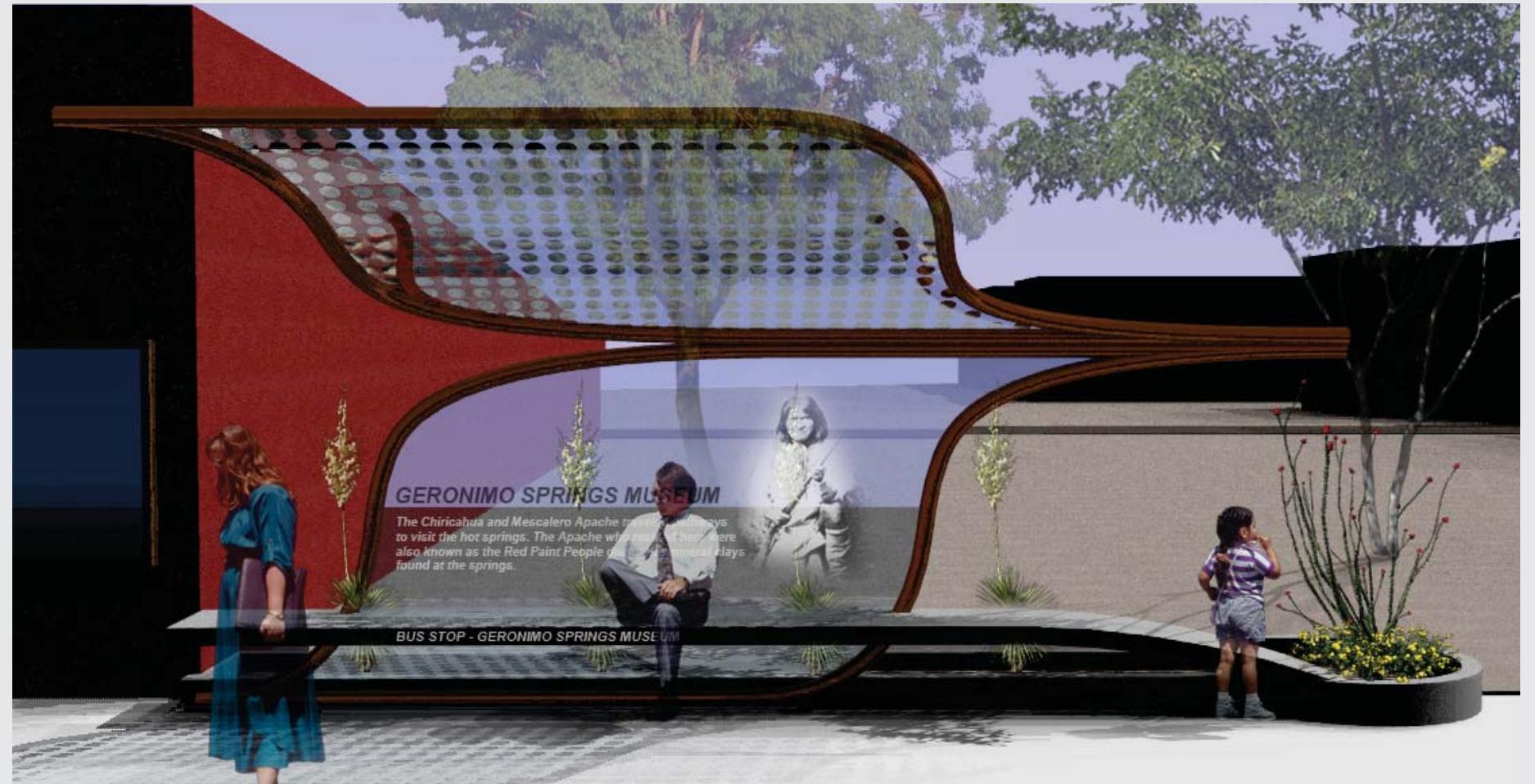
history

culture

sustainable

ART & OASIS

scott sutton



SOLAR BUS STOP WITH AN IMAGE OF GERONIMO AND INFORMATION ON THE HISTORICAL APACHE CULTURES THAT CORELATE TO THE GERONIMO SPRINGS MUSEUM.



culture
history
funky
art
creative
relaxing

ART & OASIS

scott sutton



MATERIAL CULTURE : TRADITIONAL APACHE FIDDLE & MODERN SCULPTURAL FOUNTAIN THAT CREATES SOUND WITH RESONATING COPPER TUBES THAT OXIDIZE OVER TIME.

spa
oasis
refuge
funky
art
healing
relaxing

ART & OASIS

scott sutton



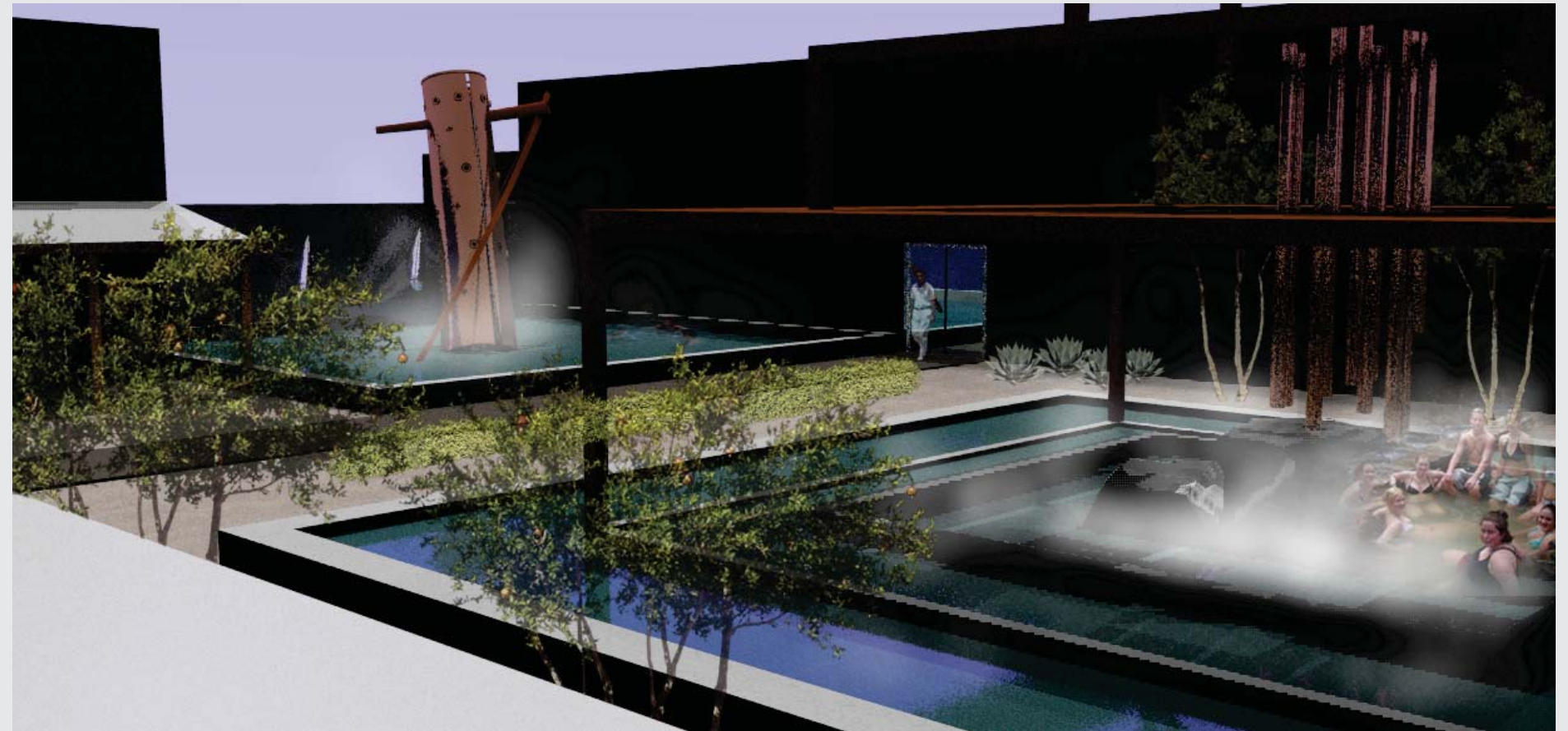
POCKET OASIS THAT PROVIDES COMMUNAL SOAKING FOR A PRIVATE SPA.



spa
oasis
refuge
funky
art
healing
relaxing

ART & OASIS

scott sutton



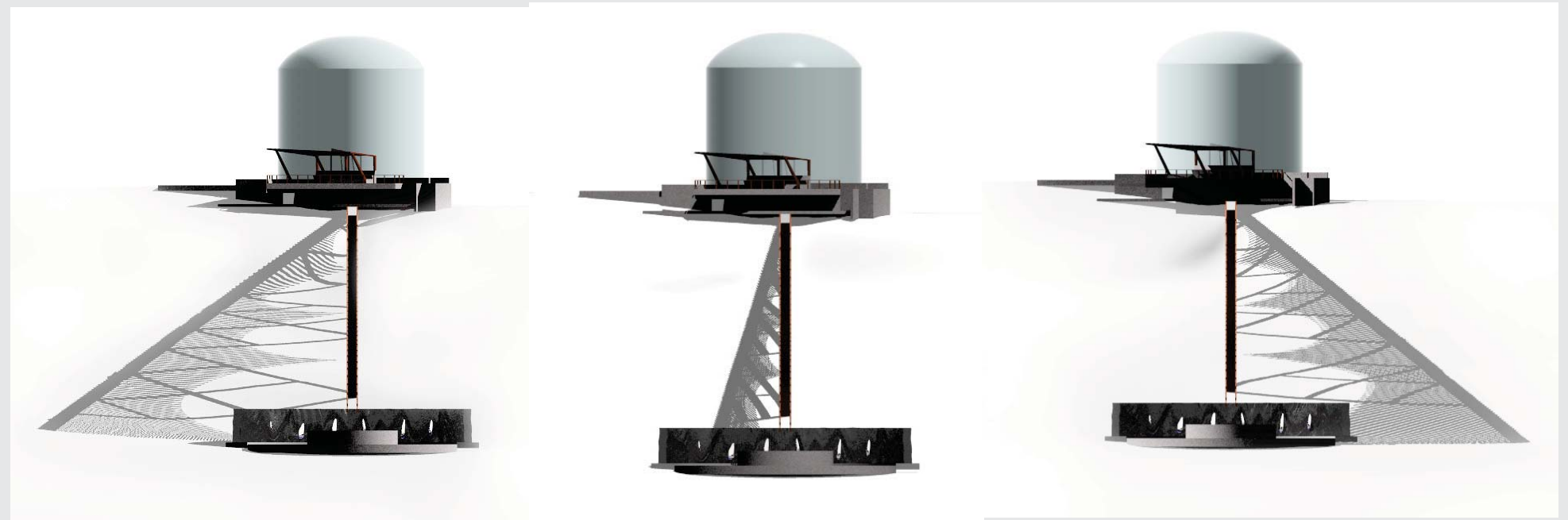
POCKET OASIS SPA PROVIDES REFUGE AND HEALING TO CUSTOMERS ALONG WITH PRIVATE BATHS.



destination
place making
water celebration
public art
oasis
refuge

ART & OASIS

scott sutton



8AM

12PM

5PM

TANK HILL SCULPTURAL FOUNTAIN - SOLAR CALCULATIONS



destination

place making

water celebration

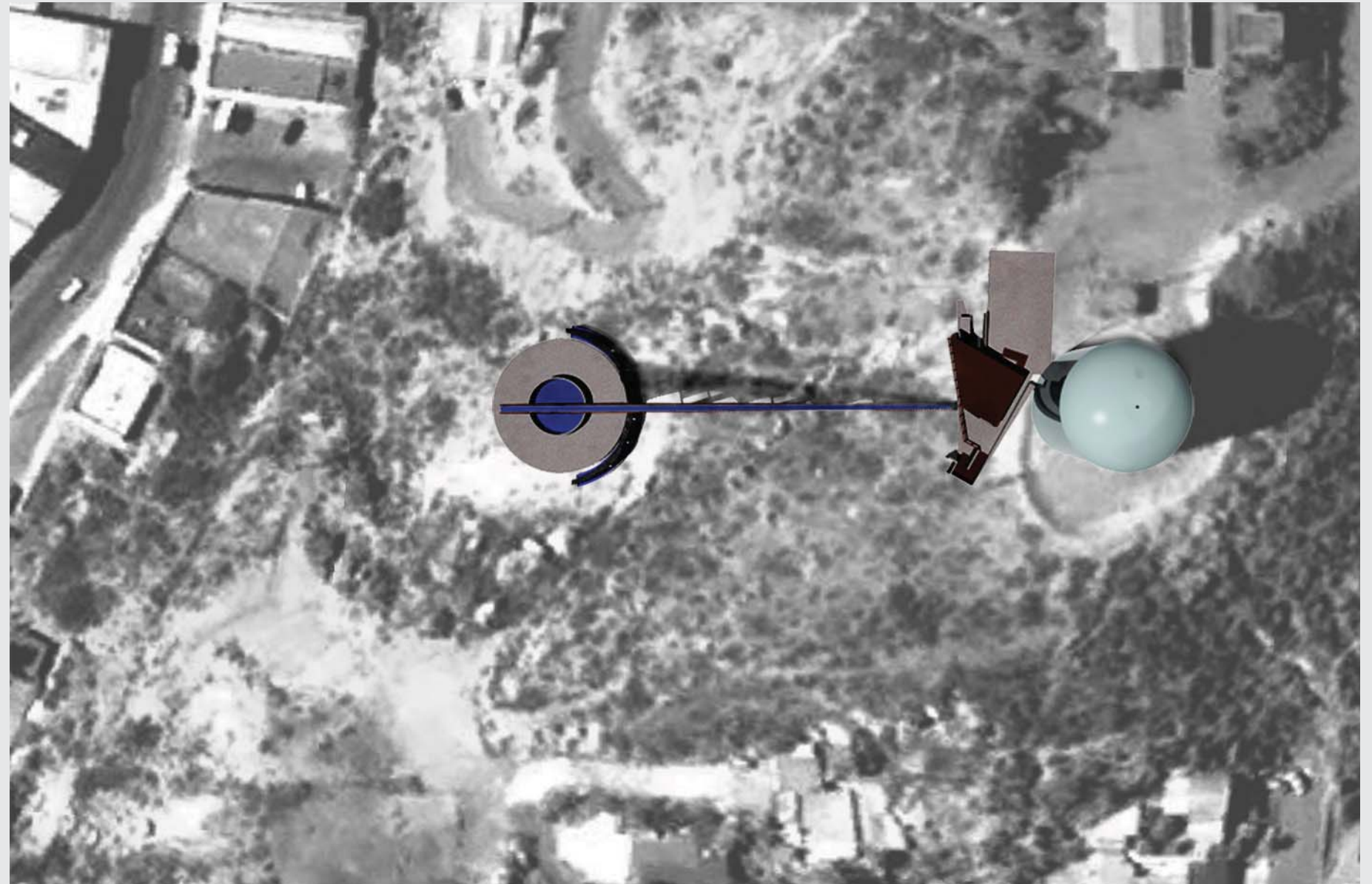
public art

oasis

refuge

ART & OASIS

scott sutton



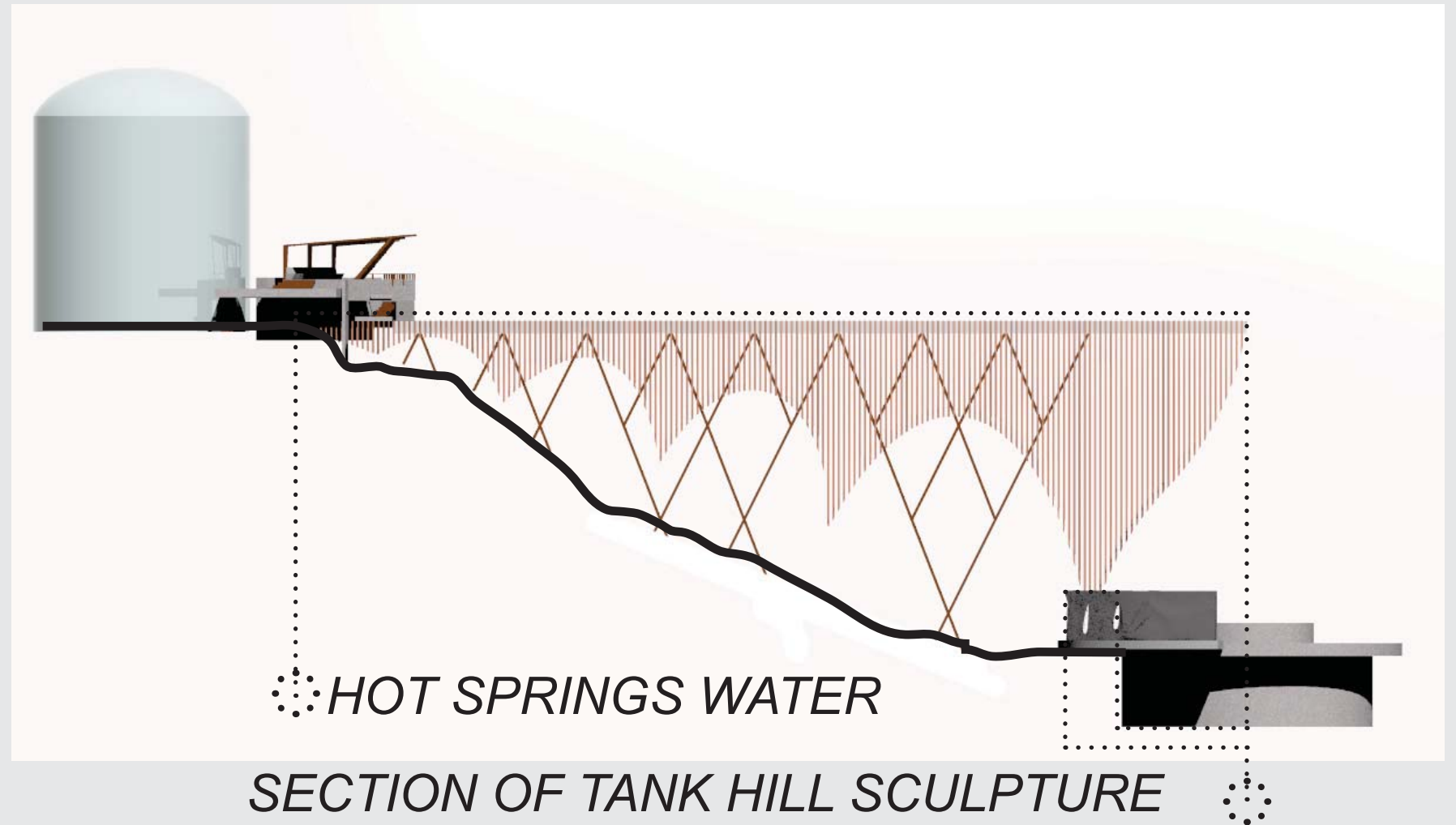
AERIAL VIEW OF TANK HILL SCULPTURE.



destination
place making
water celebration
public art
oasis
refuge

ART & OASIS

scott sutton



destination

place making

water celebration

public art

oasis

refuge

ART & OASIS

scott sutton



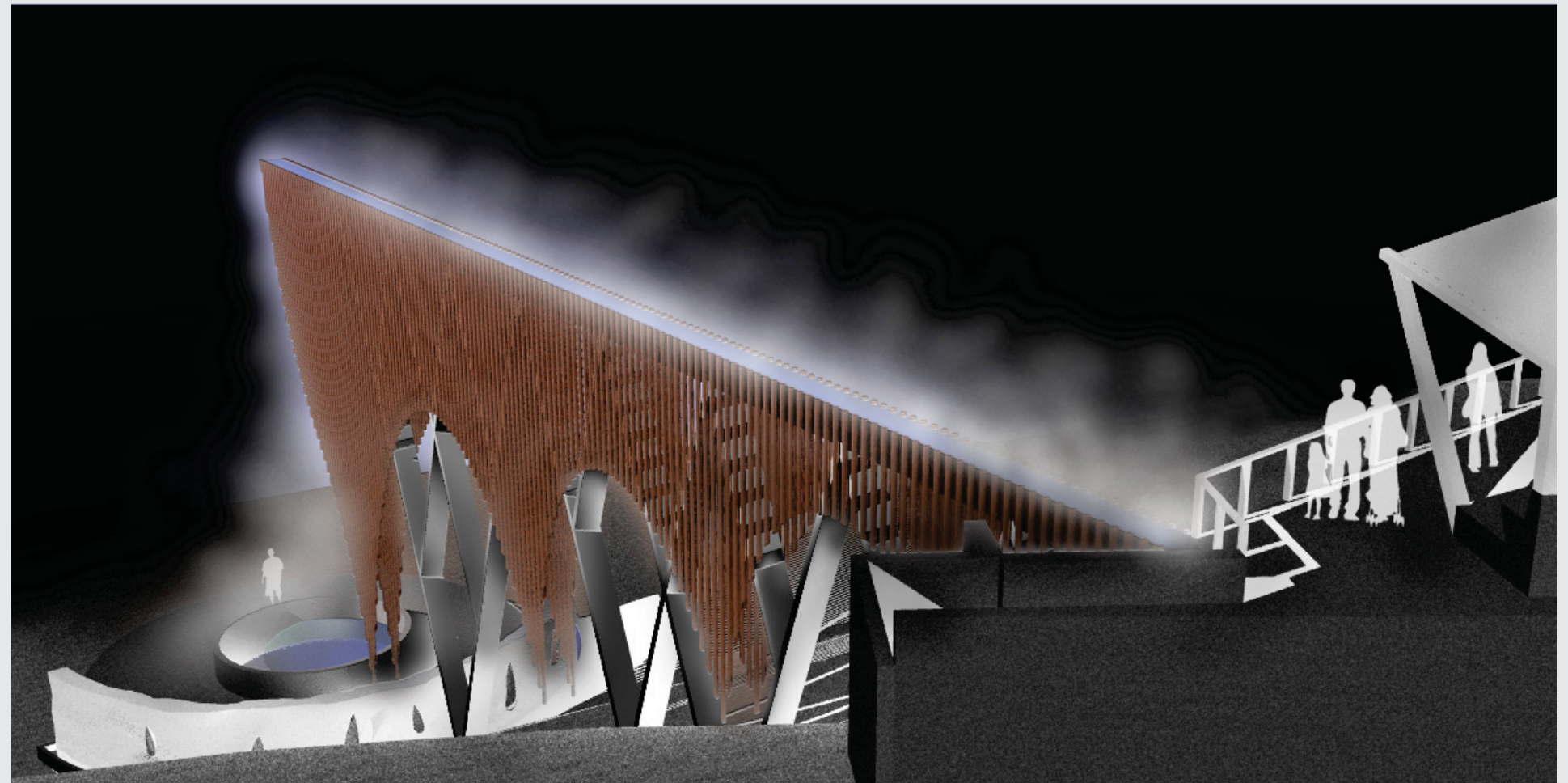
TANK HILL PERSPECTIVE OF SCULPTURAL FOUNTAIN.



destination
place making
water celebration
public art
oasis
refuge

ART & OASIS

scott sutton



TANK HILL SCULPTURAL FOUNTAIN WITH STEAM FROM HOT SPRINGS WATER VISIBLE AT NIGHT ACTS AS A DESTINATION AND LAND MARK.



water celebration

microclimate

accessible

artistic

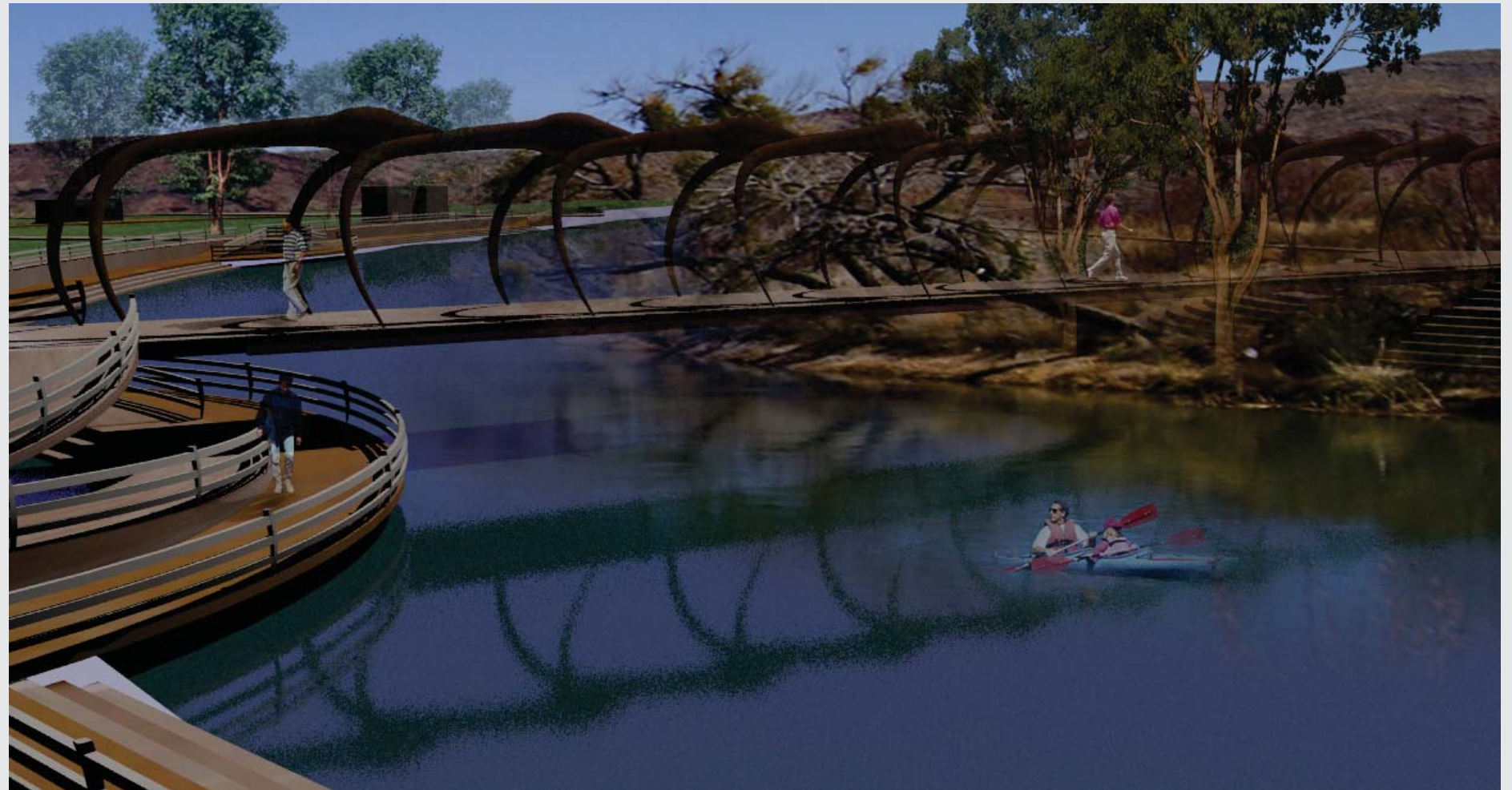
sculptural

environment

refuge

ART & OASIS

scott sutton



***RIO GRAND BRIDGE PROVIDES THE ABILITY TO ACCESS
THE EASTERN SIDE OF THE RIVER.***



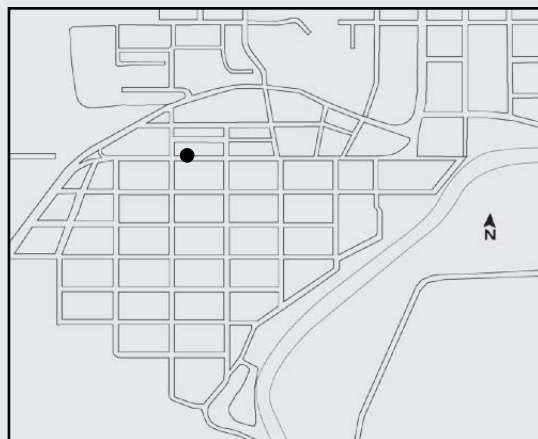
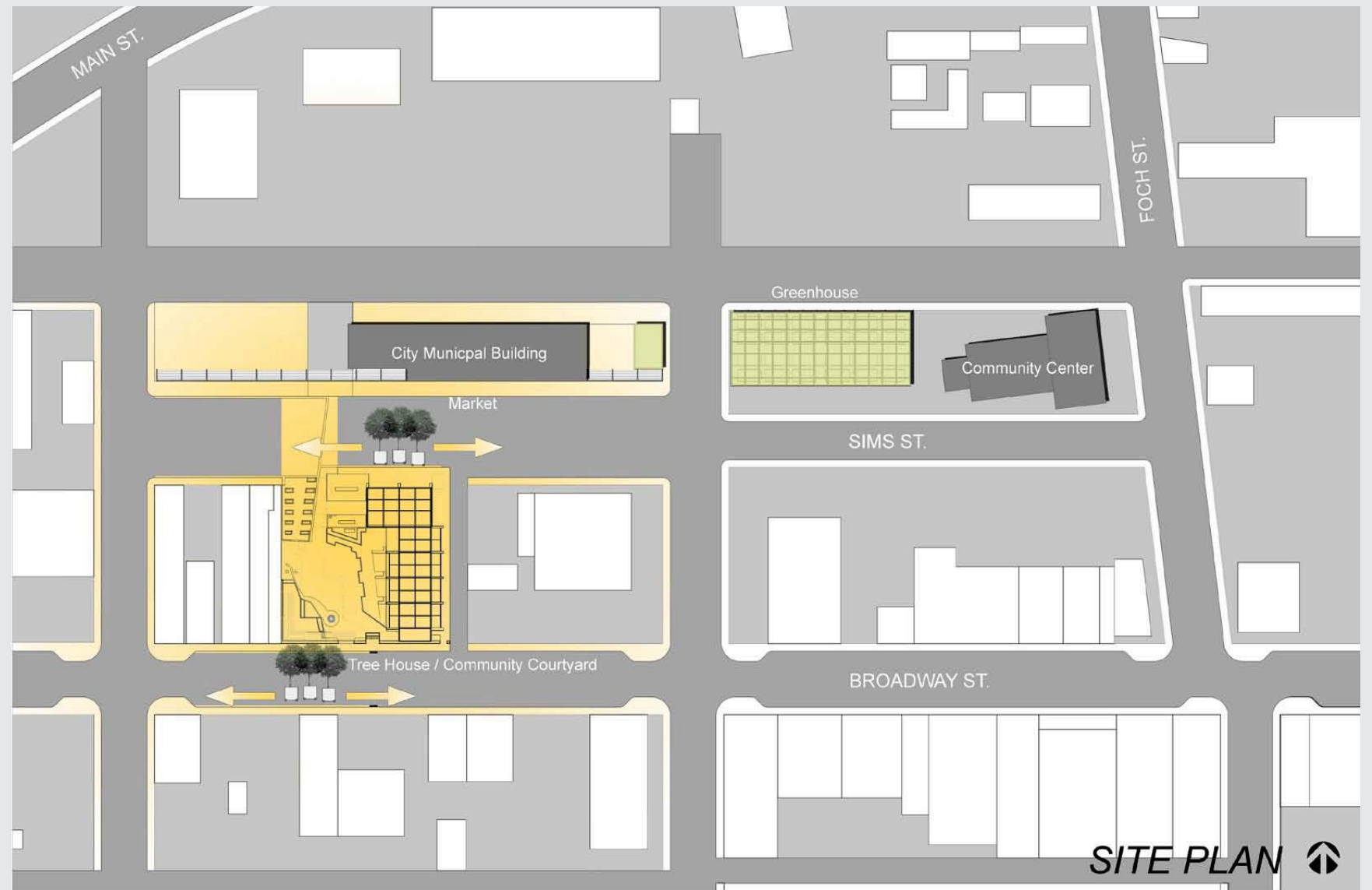
OVERVIEW PLAN



Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott

Central Location
Market Spaces
Activates Broadway
Private and Public Use
Community Connected
Agriculture Activity
Identity



Arboretum and Community Courtyard

Joseph Grijalvā and Patrick Sinnott

Annual Median Rainfall: 9 Inches

Winter: 1.6 Inches
Spring: .98 Inches
Summer: 4.46 Inches
Fall: 2.87 Inches

Catchment Flood Volume: 400.5 Acres-

Targeted Catchment Volume: 41.1 Acres-feet/yr.
Courtyard Catchment Volume: 2.2 Acres-feet/yr.
Rooftop Catchment Volume: 1.22 Acres-feet/yr.
1 Acre-foot = 325851 Gallons

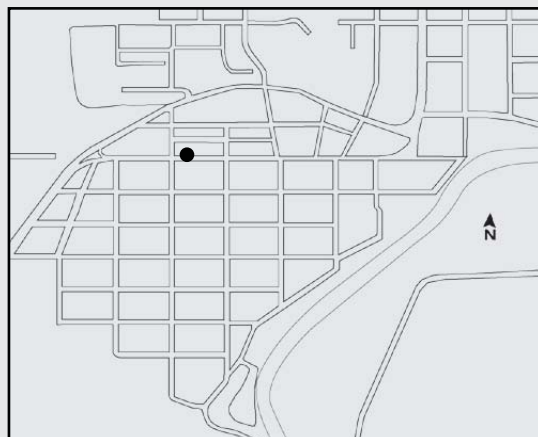
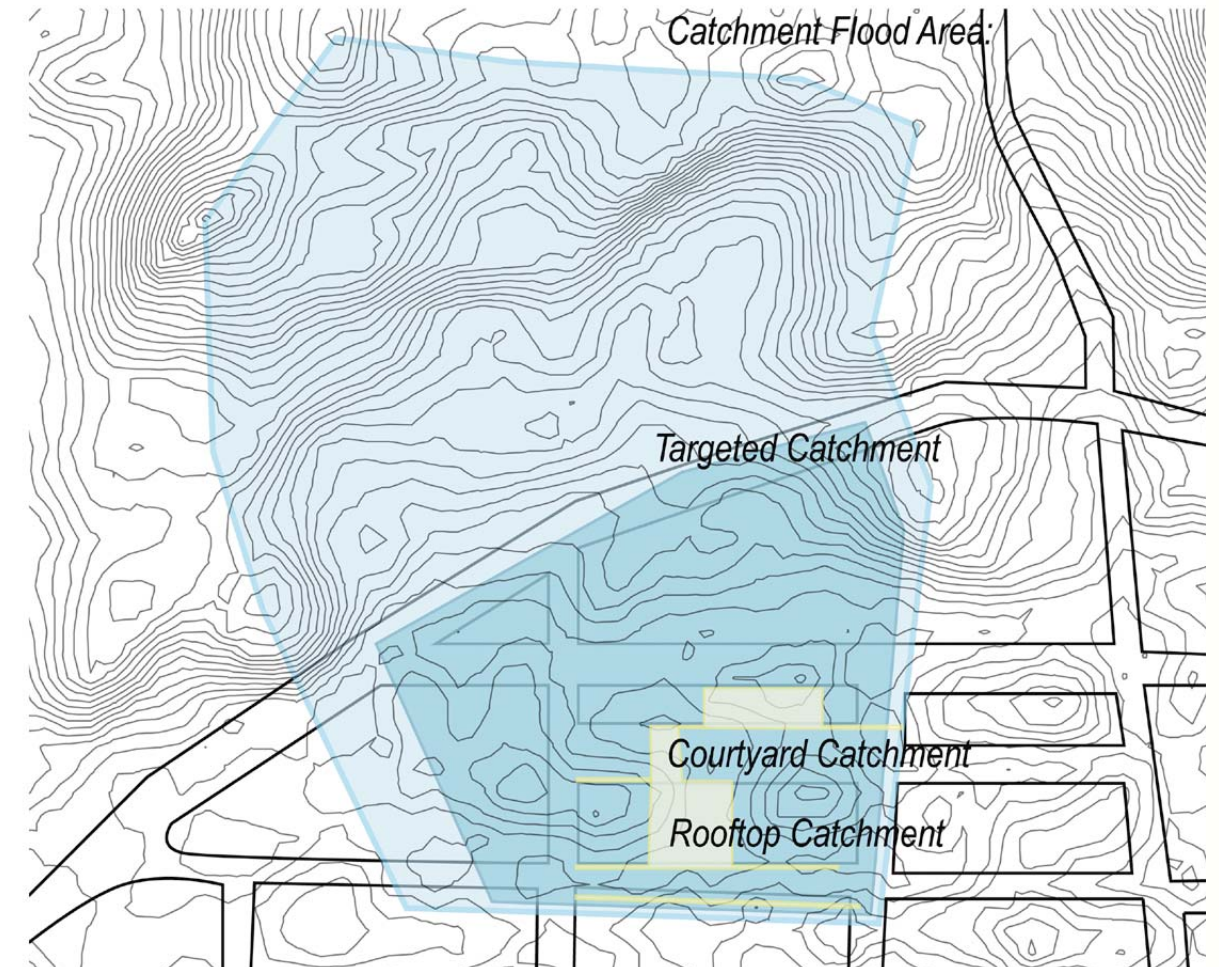
Catchment Flood Area: 44.5 Acres

Targeted Catchment Area: 4.5 Acres
Courtyard Catchment Area: .245 Acres
Rooftop Catchment Area: .135 Acres

A Rainstorm of .5 Inch storm yeilds significant water
(Does not account for Evapotranspiration and limited Infiltration)

Targeted Catchment Volume: 733,165 gal.
Courtyard Catchment Volume: 39,916 gal.
Rooftop Catchment Volume: 21,995 gal.

Water Collection in Downtown T or C



Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott

Active

Walkable

Public Amenity

Outreach

Productive

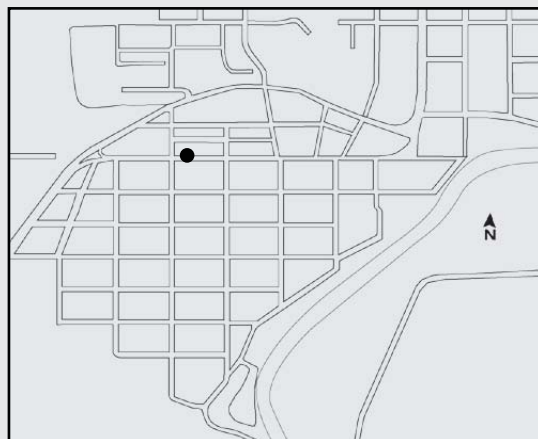
Shade

Economic Generator

Public Geothermal-Spring

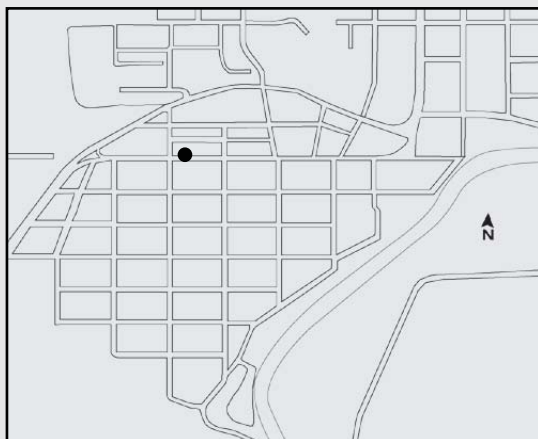
Spring

Spaces of Multiple Use



Arboretum and Community Courtyard

Joseph Grijalvā and Patrick Sinnott



Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott

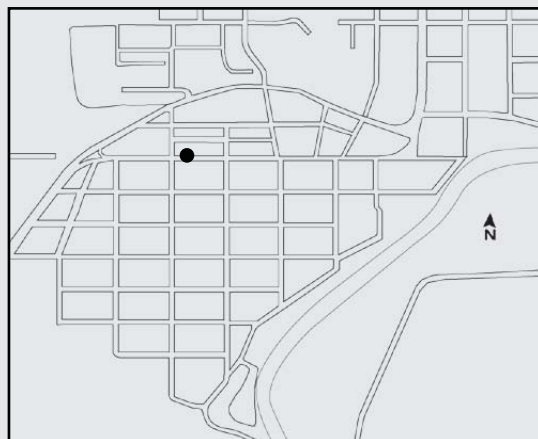
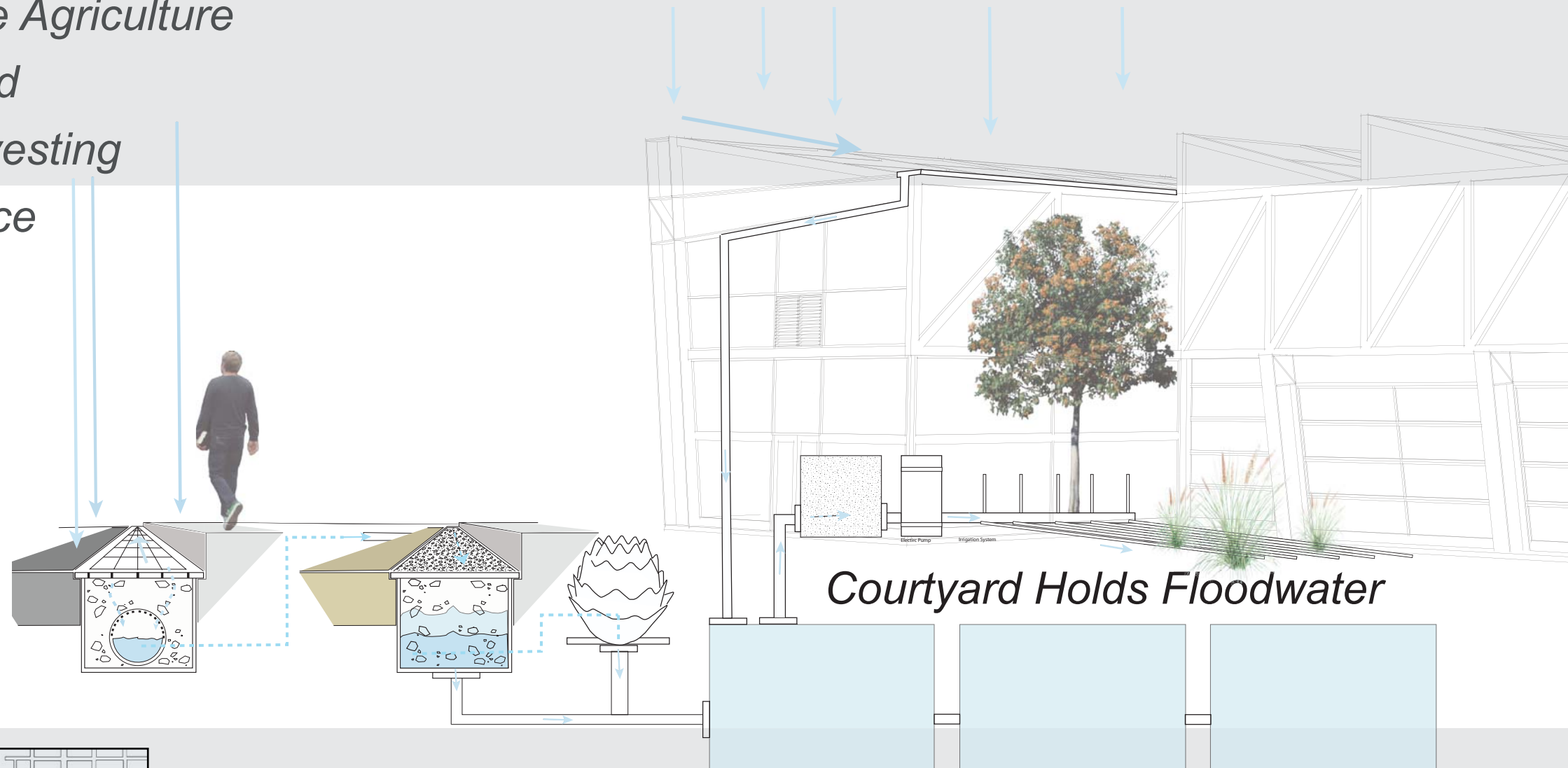
Visual Cues

Sustainable Agriculture

Rooftop and

Street Harvesting

Public Space



Drains

Underground Cisterns Hold 149,000 gallons

T or C receives an average of 9" of rain a year. Flooding can become a resource and artistic amenity for the community.

Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott

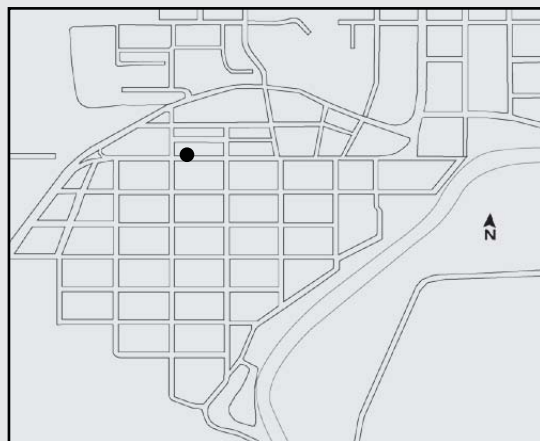
Oasis

Community Center

Year Round Production

Commercial Viability

Geothermal Greenhouse



Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott

Repurpose Colonnade

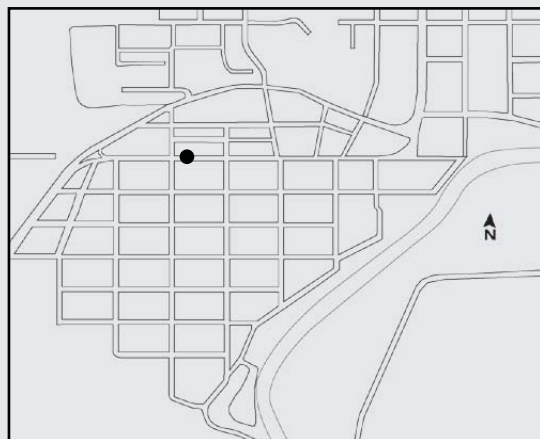
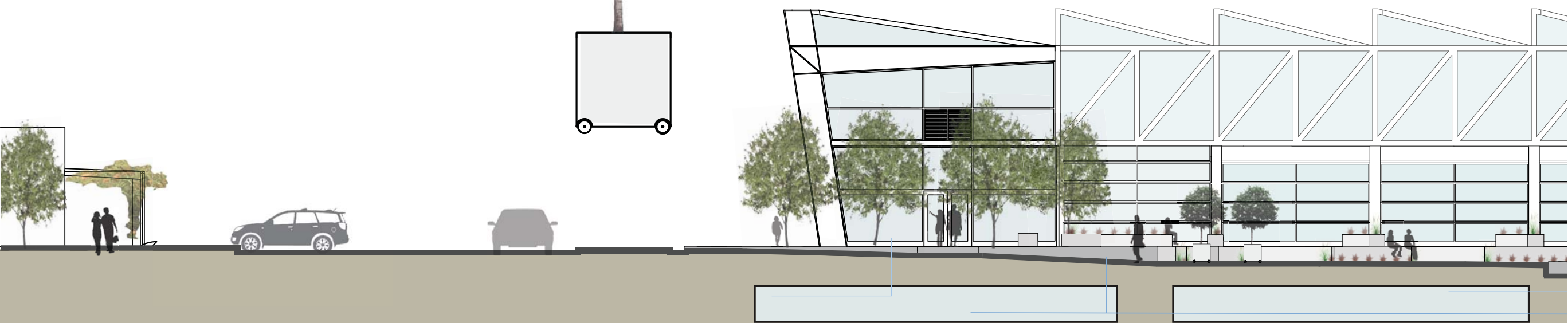
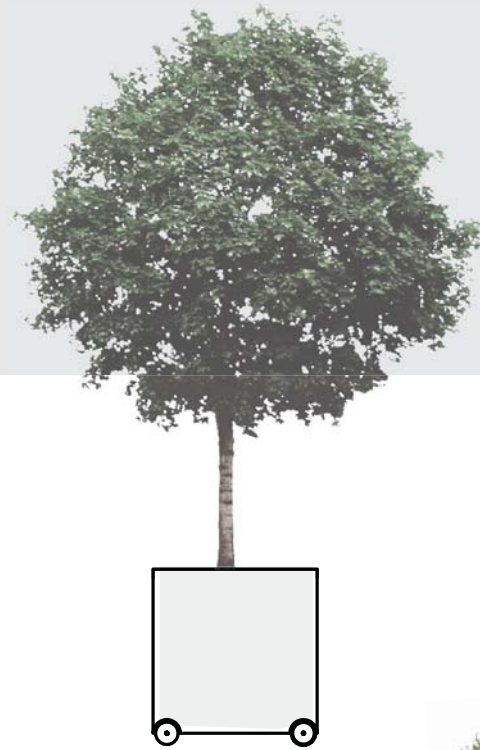
Storm water Collector

Multifunctional Spaces

Sanctuary

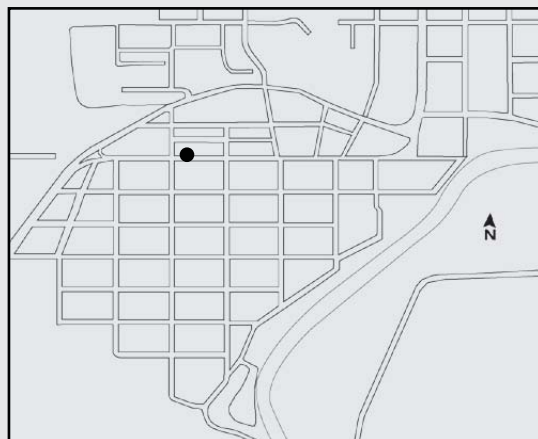
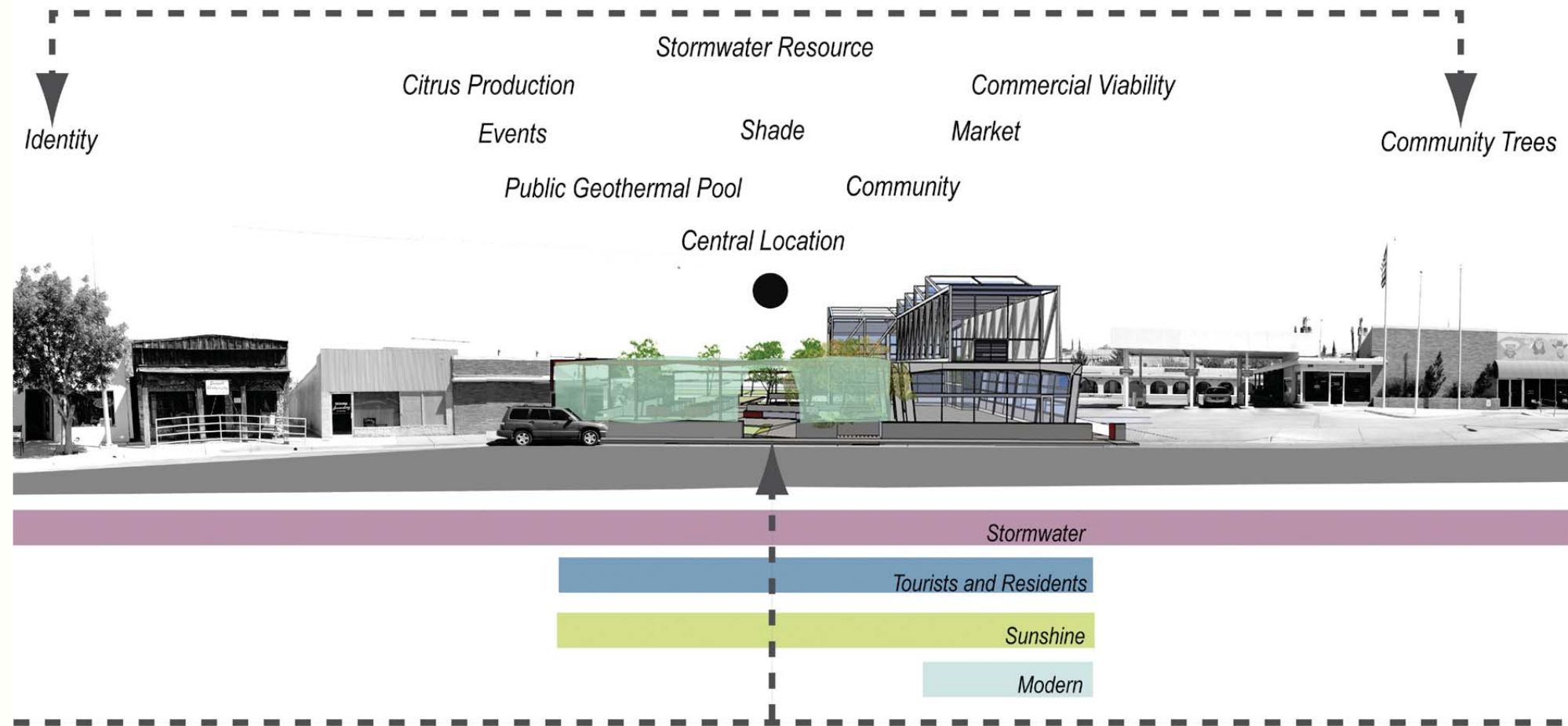
Year Round Production

Sustainable Energy



Arboretum and Community Courtyard

Joseph Grijalva and Patrick Sinnott



Stormwater Mitigation and Harvesting
Year round Agriculture Production
Identity of Place and Destination
Farmer's Market
Community Focal Point

OVERVIEW PLAN



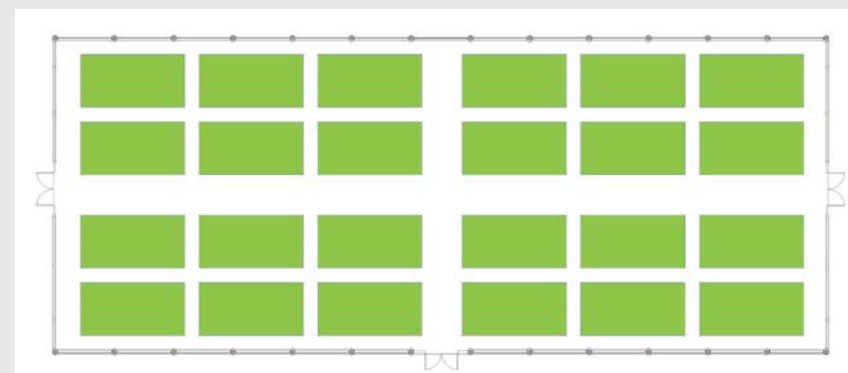
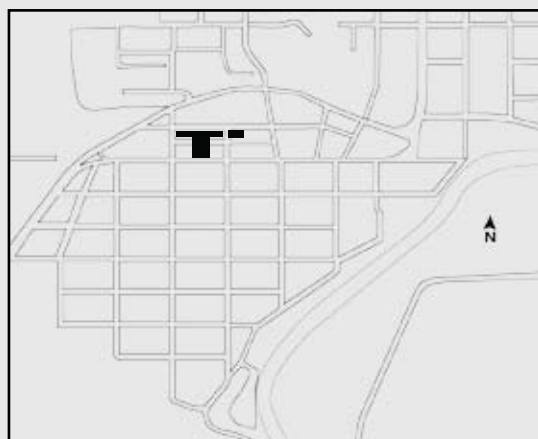
GEOHERMAL GREENHOUSE

seth feriano

*sustainable
urban farming
geothermal heat
farmer's market
locally grown*



Site Plan



GEOHERMAL GREENHOUSE

seth feriano

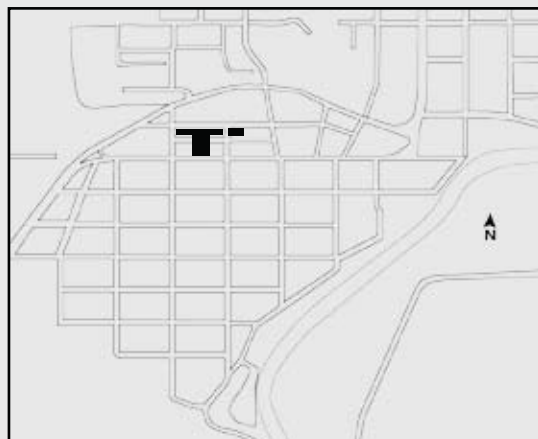
*sustainable
urban farming
geothermal heat
farmer's market
locally grown*



Birds-eye view looking S



Birds-eye view looking NE



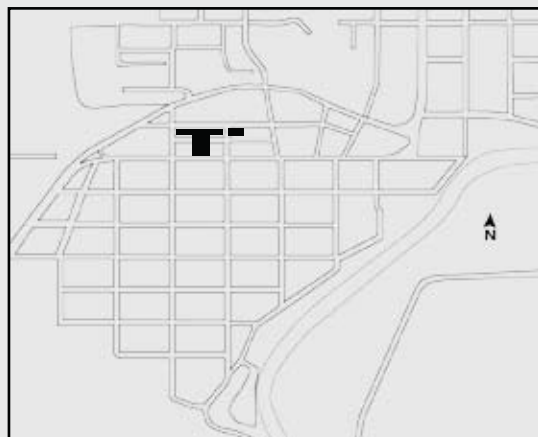
GEOHERMAL GREENHOUSE

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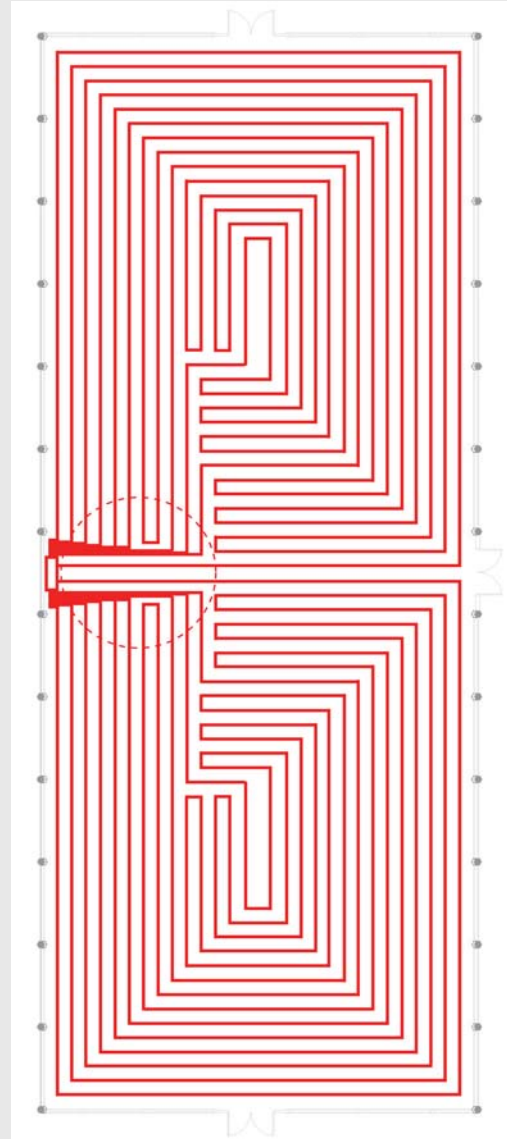
*sustainable
urban farming
geothermal heat
farmer's market
locally grown*



Interior view



*sustainable
urban farming
geothermal heat
farmer's market
locally grown*



Plan view, Radiant Floor tubing schematic

GEOHERMAL GREENHOUSE

seth feriano

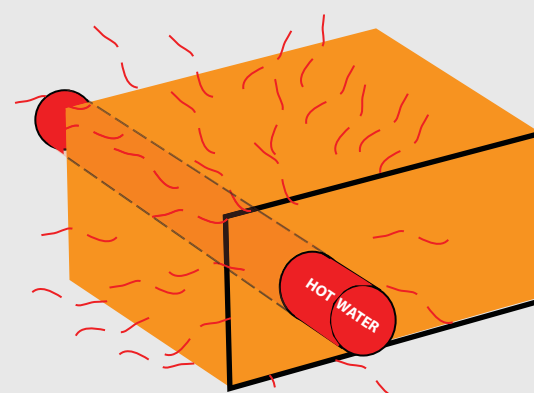


Diagram of slab as heat exchanger

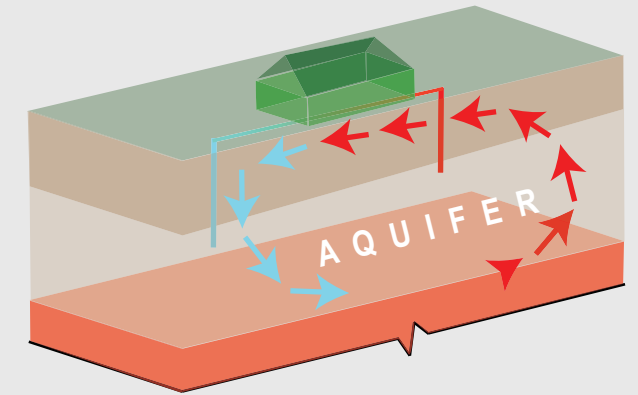


Diagram of geothermal potential

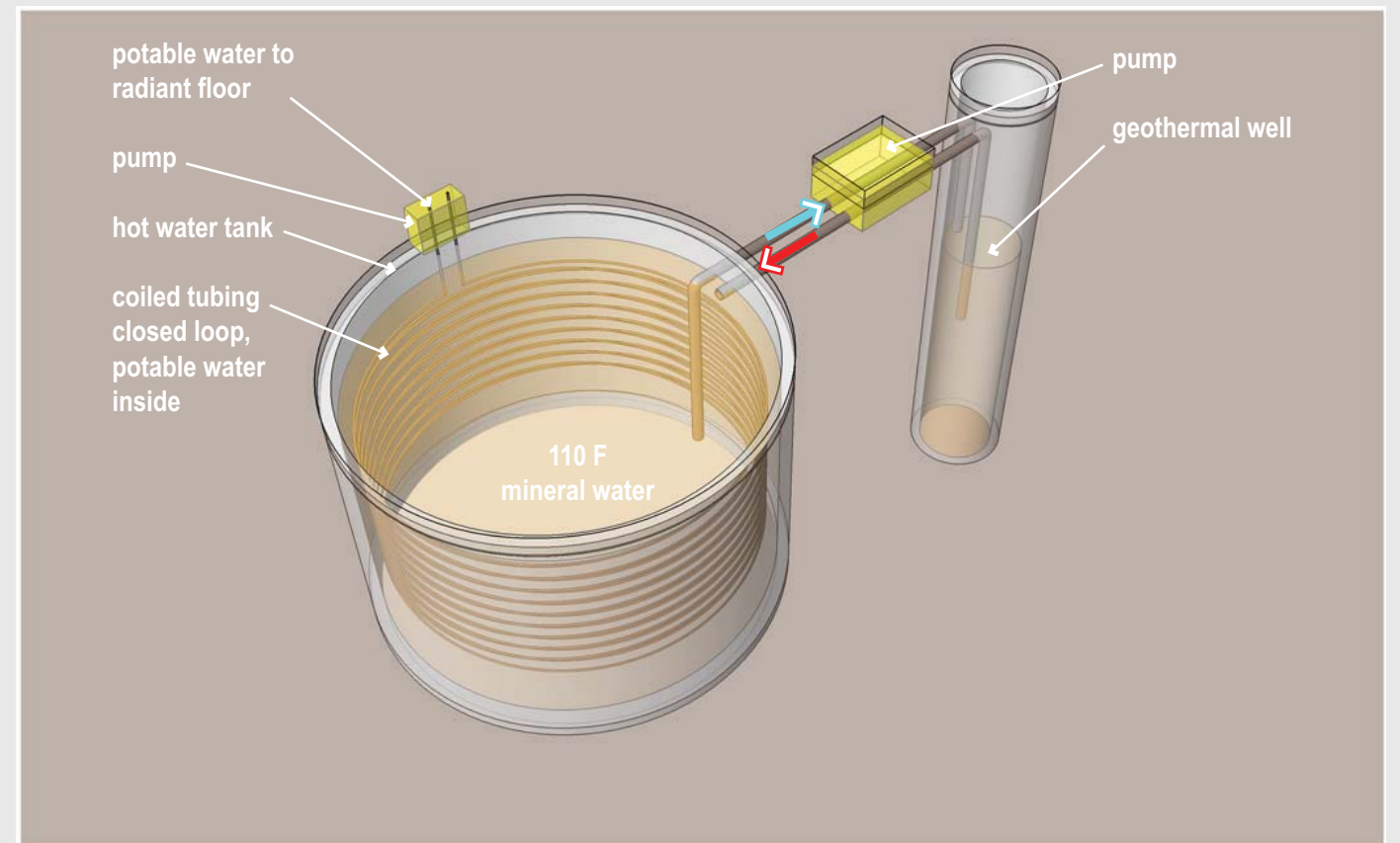
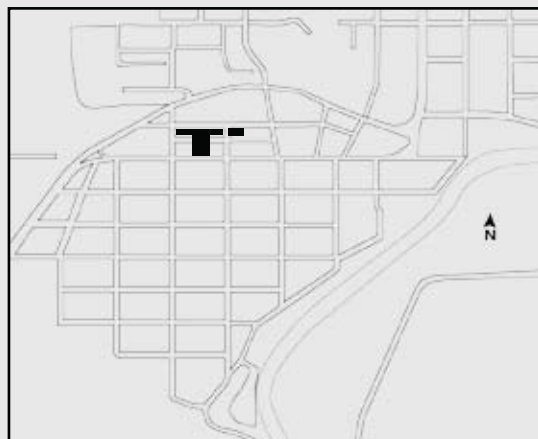


Diagram of underground geothermal system



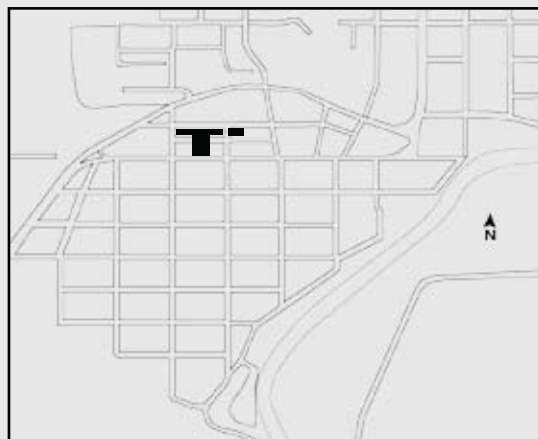
GEOHERMAL GREENHOUSE

seth feriano

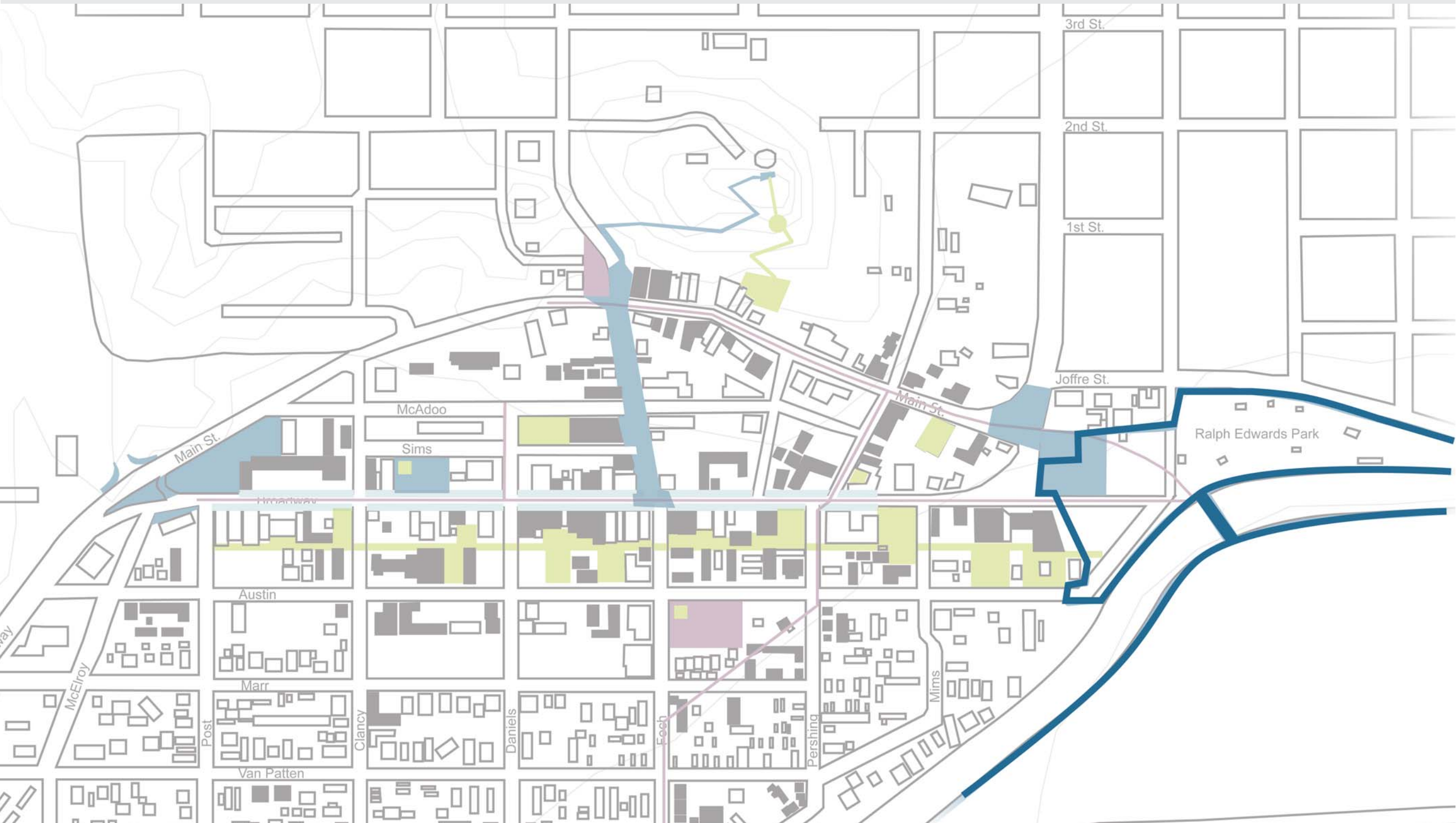
*sustainable
urban farming
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farmer's market
locally grown*



View looking east



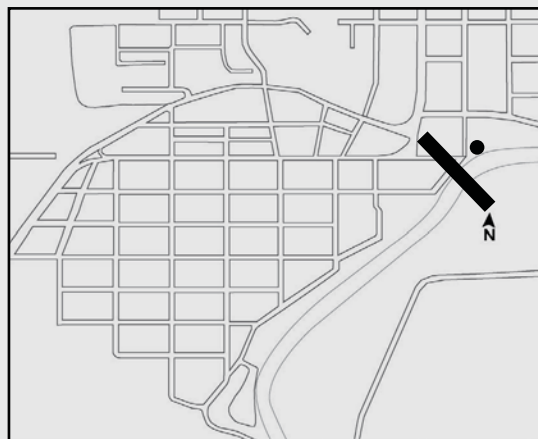
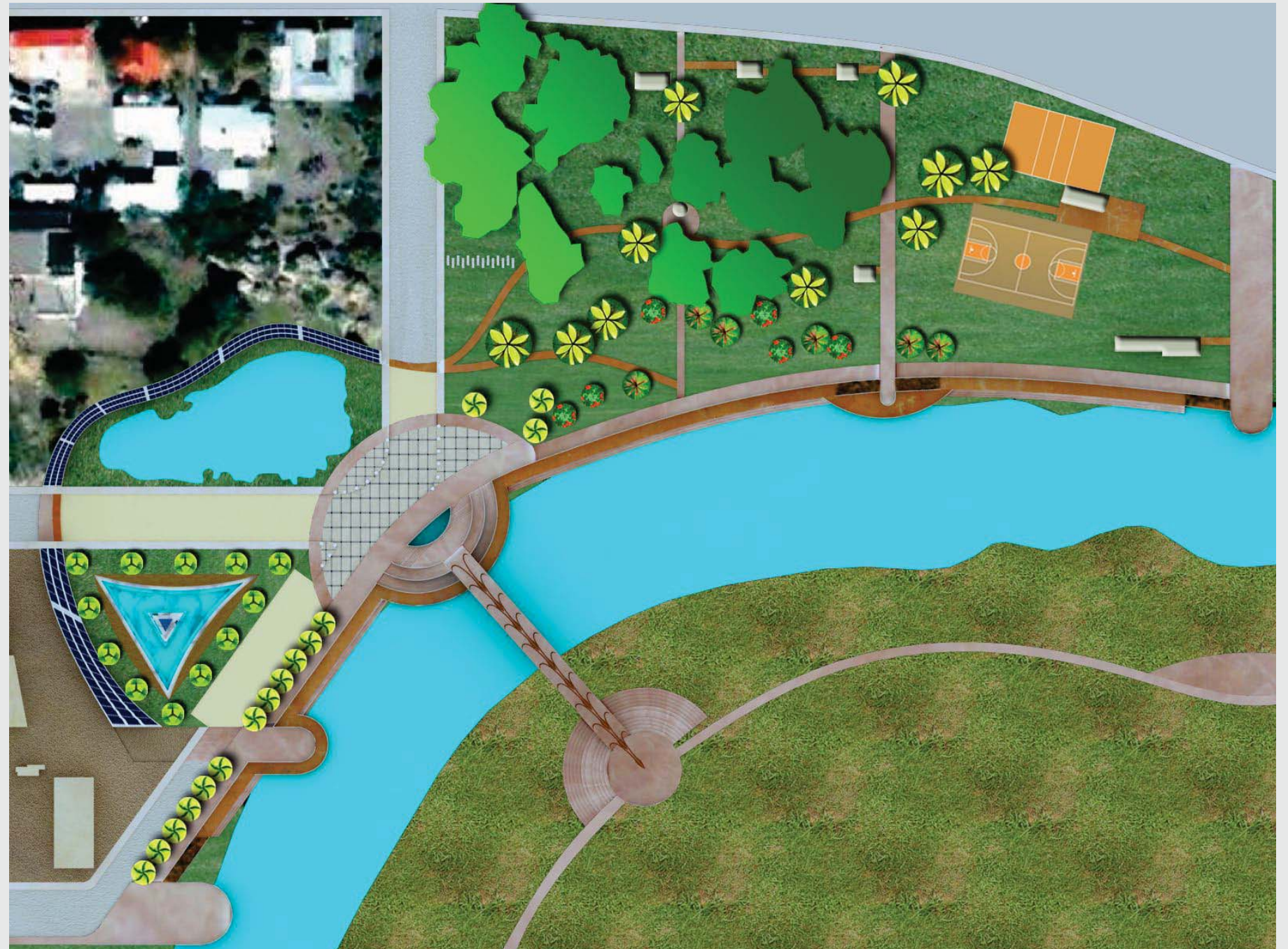
OVERVIEW PLAN



RIVERWALK-----SITE DESIGN

WENSONG LI

Sustainable
Unified
Walkable
Friendly
Relaxing
Funky
Oasis
Unique

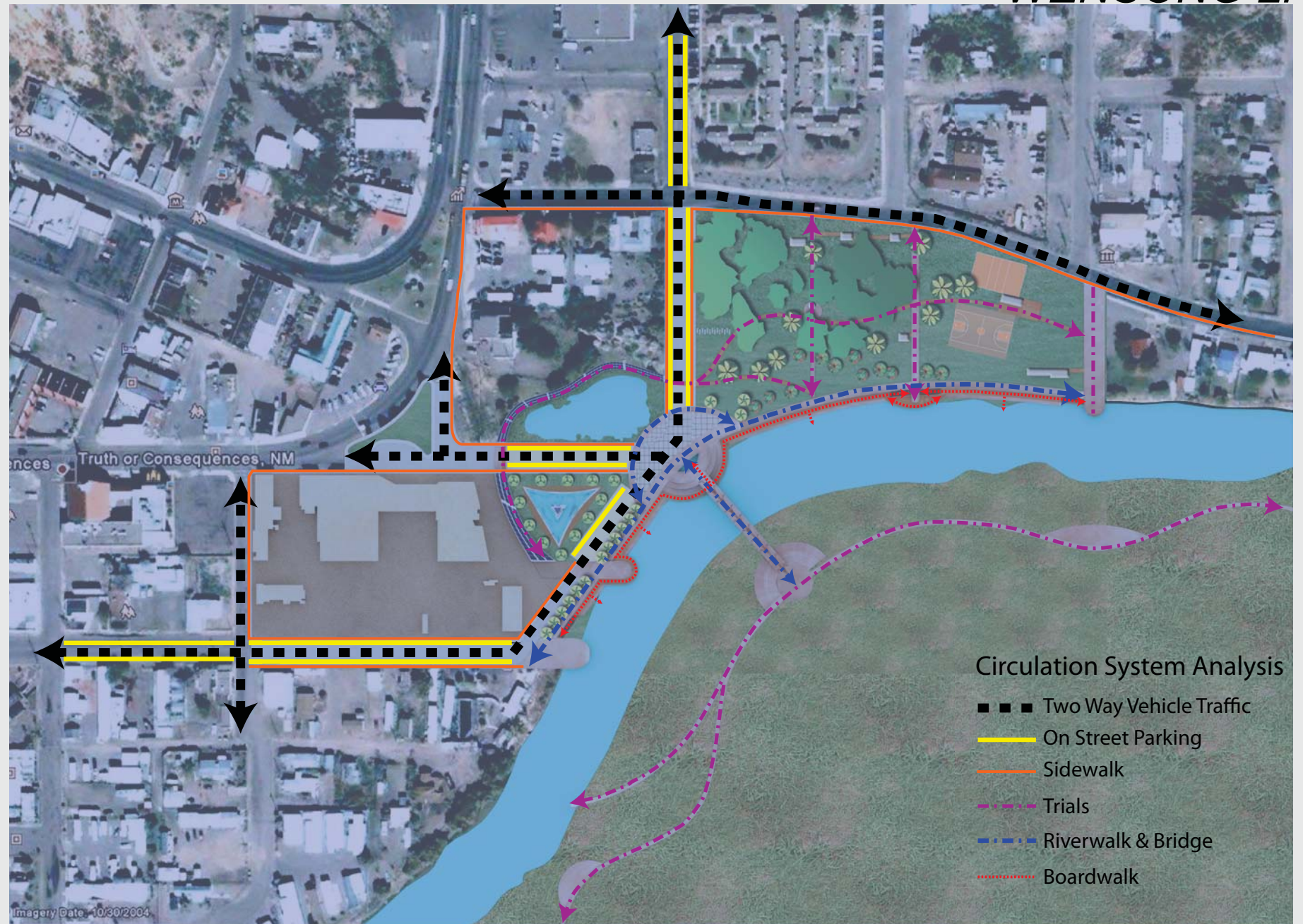


Take full advantage of the current situation of the topography and plants on the site, the riverwalk design is supposed to integrate the public land on both sides of the Rio Grande into an intact system. At the same time, as the gateway of T or C, the riverwalk should reflect its unique characteristics (Hot Springs).

Sustainable
Unified
Walkable
Friendly
Relaxing
Funky
Oasis
Unique

RIVERWALK-----DESIGN ANALYSIS

WENSONG LI

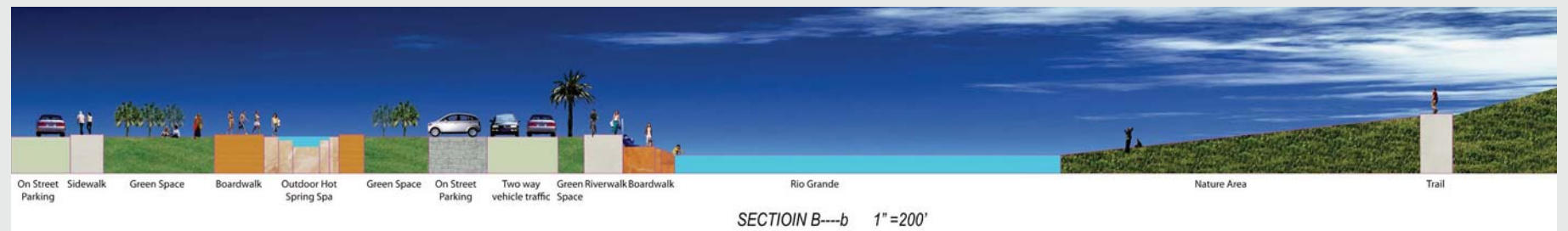
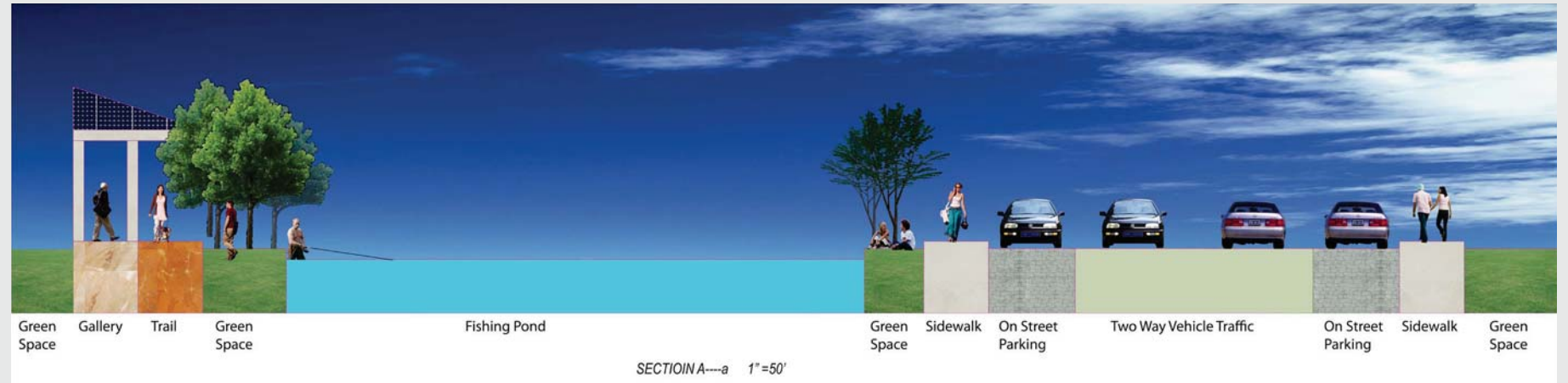


In order to slow down traffic and improve walkability along the riverside, the existing two-way traffic will be well preserved and intensified with street parking, as well as sidewalks. Meanwhile, a long trail and a two layer riverwalk are supposed to connect the three green spaces along the river into a whole; on the other side of Rio Grande, a meandering trail could create more natural experience for pedestrian and bicyclists.

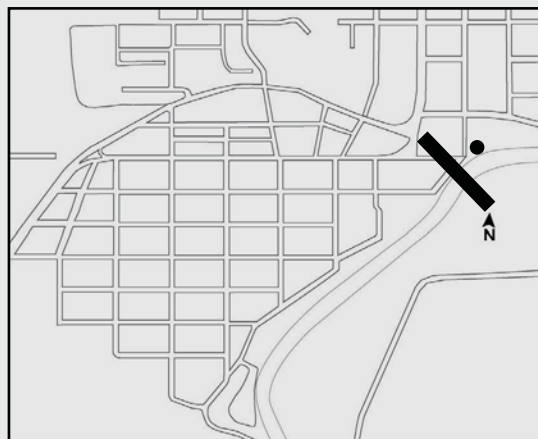
Sustainable
Unified
Walkable
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Oasis
Unique

RIVERWALK-----DESIGN ANALYSIS

WENSONG LI



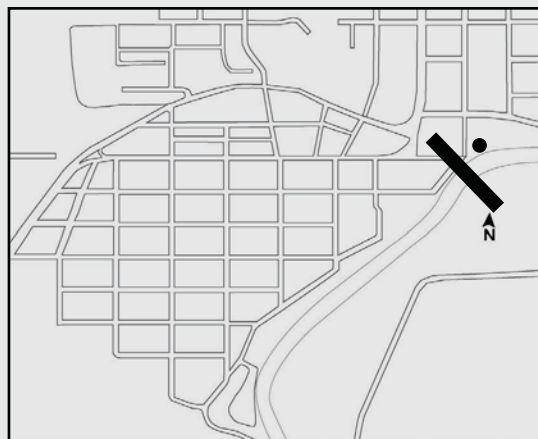
The two layer multiuse riverwalk is composed of a riverbank walk and a lower level boardwalk, which connect with each other mainly by ramps in order to provide convenience for the handicap people. Especially, the boardwalk directly joins to the river by steps and ramps. In this way, not only can people get a chance to experience the river in a close distance, but also the flood control of Rio Grande could be realized.



RIVERWALK-----PERSPECTIVE

WENSONG LI

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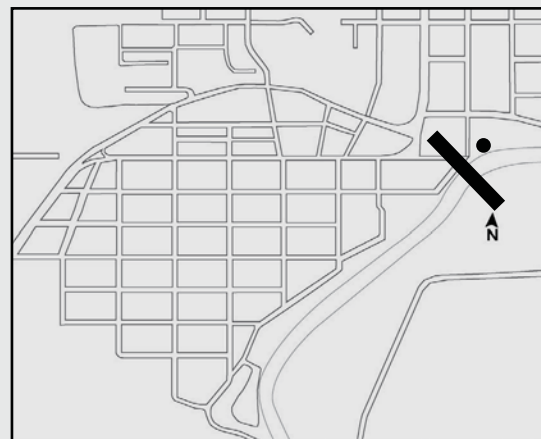


Given the climate and geographic condition of T or C, some tropical plants (such as different species of palm trees) could be introduced into T or C.

RIVERWALK-----BRIDGE HEAD

WENSONG LI

Sustainable
Unified
Walkable
Friendly
Relaxing
Funky
Oasis
Unique



Unique pavements create a harmonious balance between landscape and hardscape, so that the speed of traffic is naturally slowed down. Also, the water of the fountain could be pumped from the river; or in summer, it could be introduced from the outdoor hot spring pond, which is a sustainable way to reuse the hot spring water.

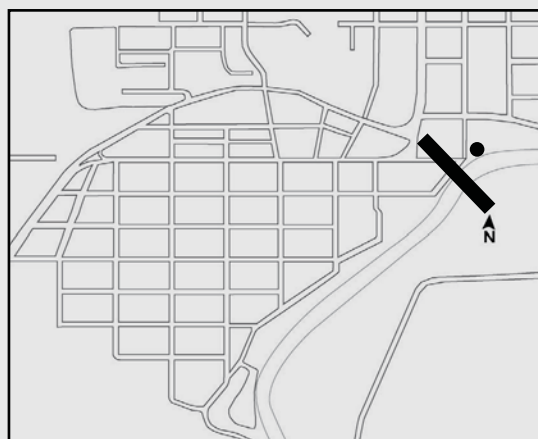
RIVERWALK-----BRIDGE HEAD

WENSONG LI

Sustainable
Unified
Walkable
Friendly
Relaxing
Funky
Oasis
Unique



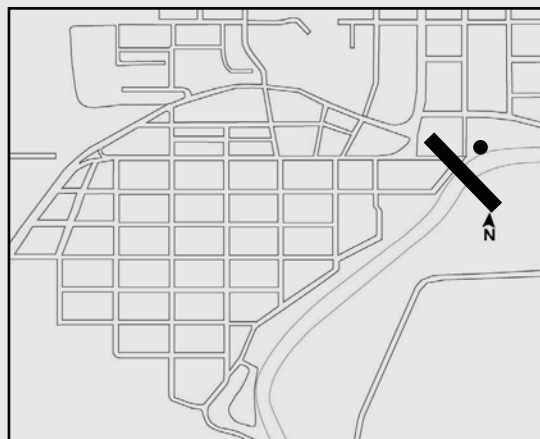
Water feature is under the bridge head.



RIVERWALK-----OUTDOOR SPA

WENSONG LI

Sustainable
Unified
Walkable
Friendly
Relaxing
Funky
Oasis
Unique



Outdoor hot spring spa is the best representation of the unique characteristics of T or C. At the meantime, the glass pyramid sculpture with hot-spring screen establishes a bridge between the old history and funky modern.

OVERVIEW PLAN



visibility

water mitigation

health

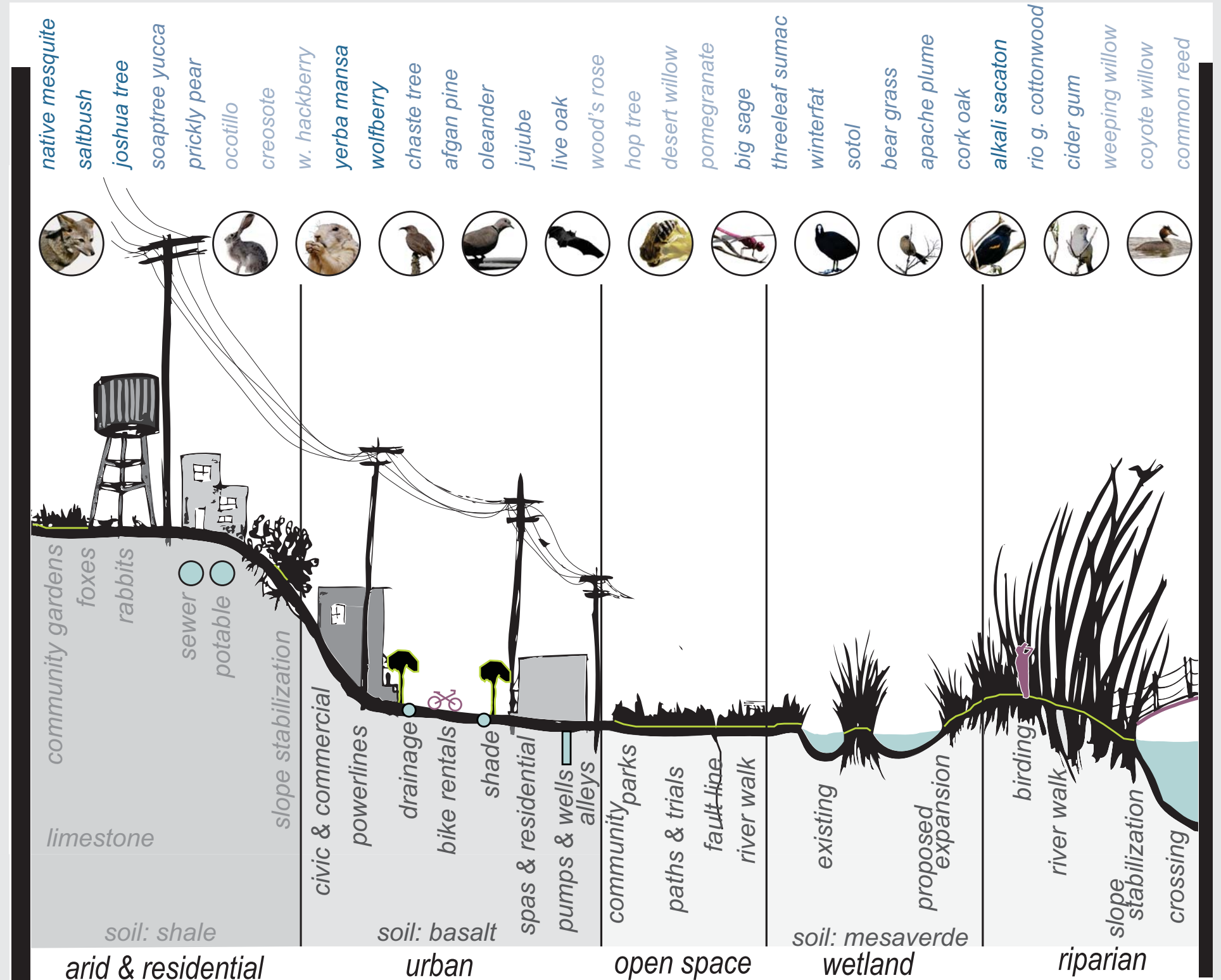


The act of healing is like the weed that comes up through the sidewalk.



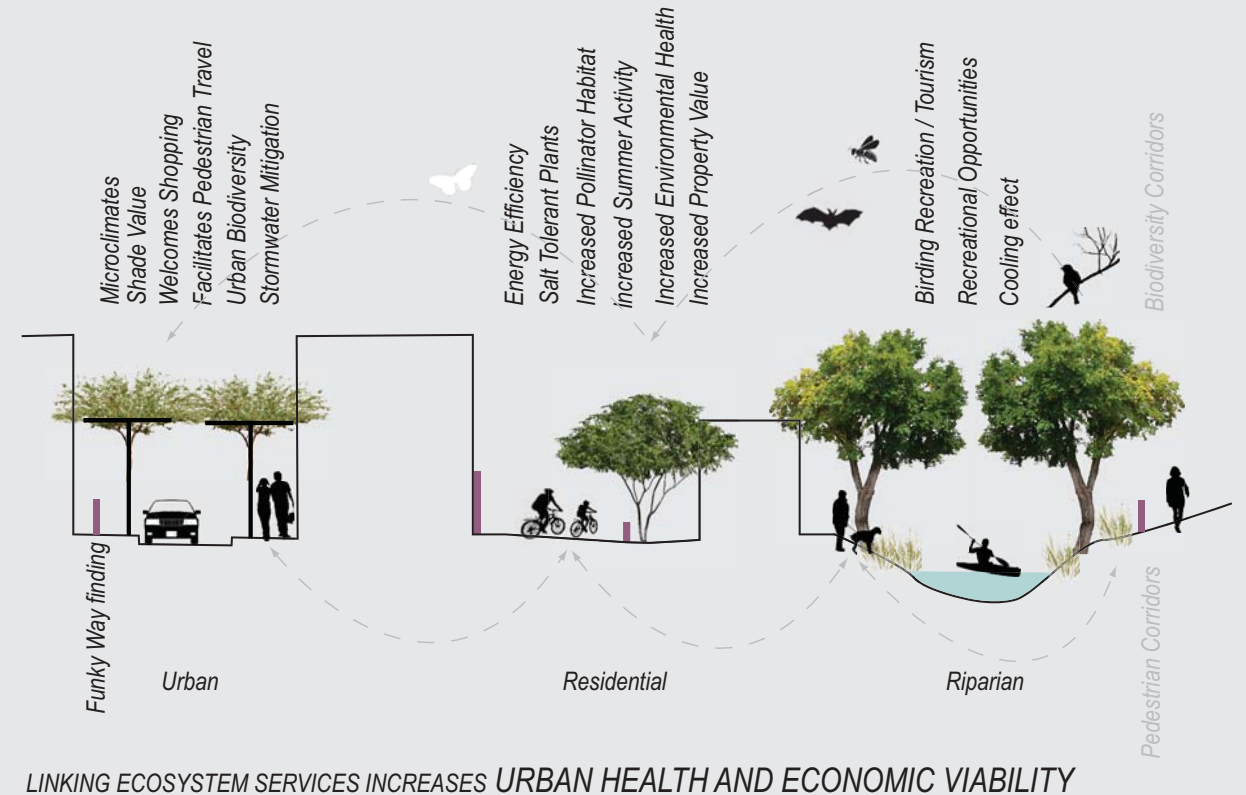
WEST GATEWAY: URBAN ECOLOGY

jenn griggs



WEST GATEWAY: URBAN ECOLOGY

jenn griggs



Birding Sites in Southern NM

Ecosystem Services

diagram by Patrick Sinnott



Funding Options:

NM Game & Wildlife

Habitat Stamp Program

NM Birding Trail

visibility

water mitigation

health

gathering

refuge

playful

gardens

sustainability

gardens

WEST GATEWAY: URBAN ECOLOGY

jenn griggs



1. Gateway

3. Berms

5. Wildlife Classroom

2. Sidewalks

4. Parking Plaza

WEST GATEWAY: URBAN ECOLOGY

jenn griggs

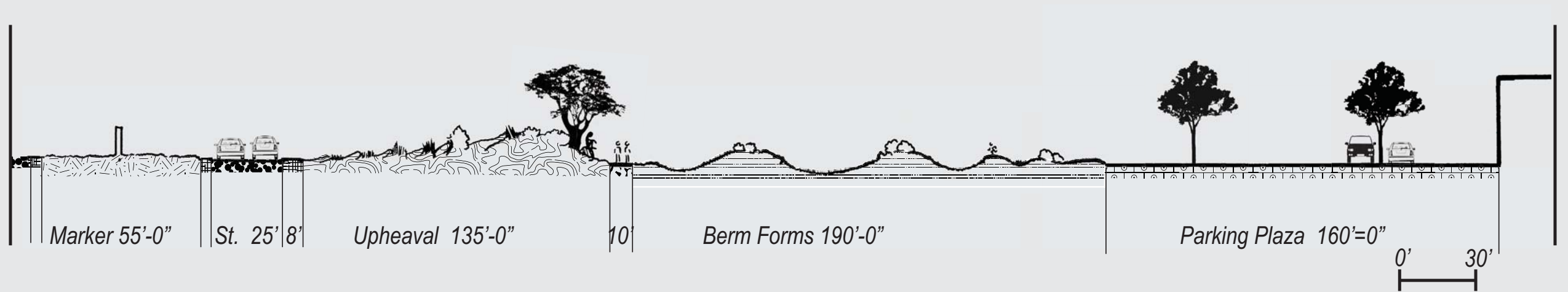


gateway sign re-used sidewalk the upheaval berm and swale parking plaza

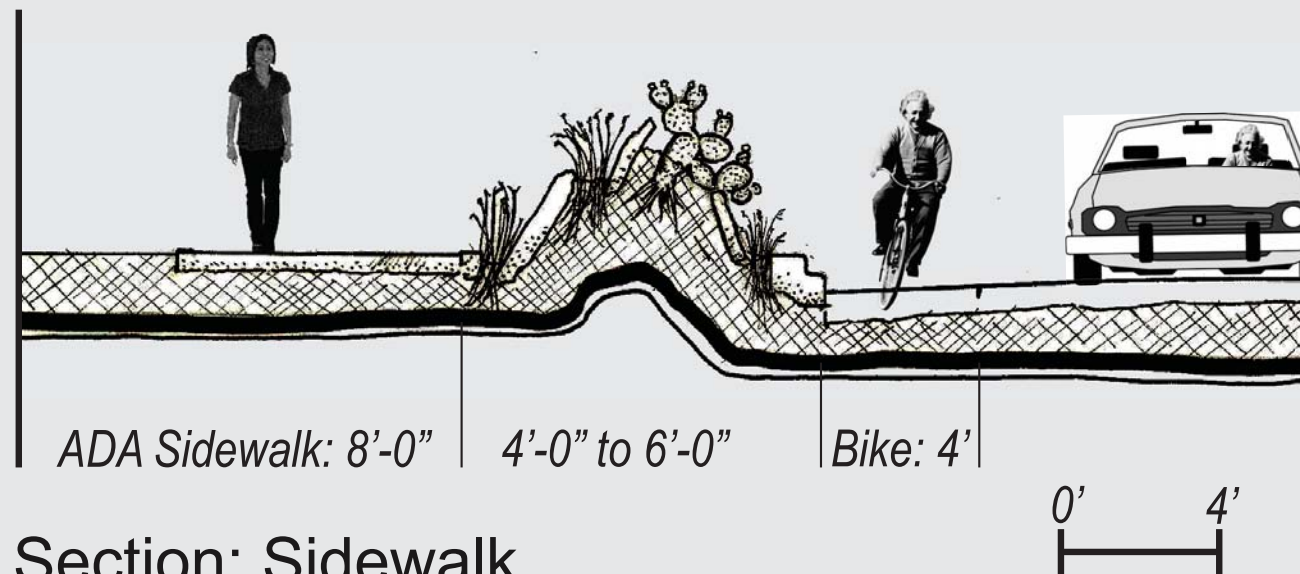


WEST GATEWAY: URBAN ECOLOGY

jenn griggs



Section: Gateway



Section: Sidewalk

*evening activities
working classroom
demonstration wildlife gardens*

WEST GATEWAY: URBAN ECOLOGY

jenn griggs

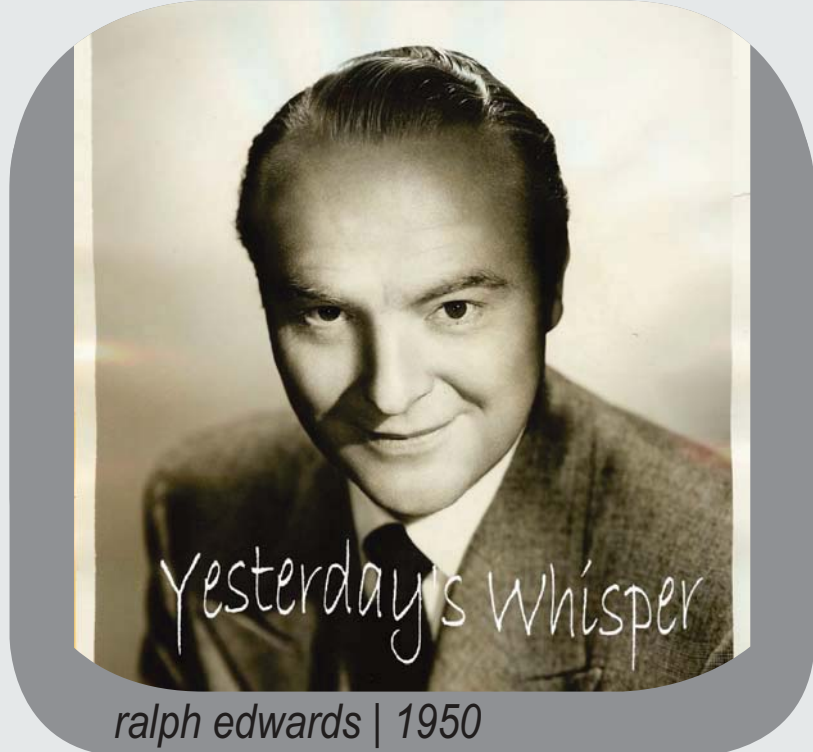


OVERVIEW PLAN





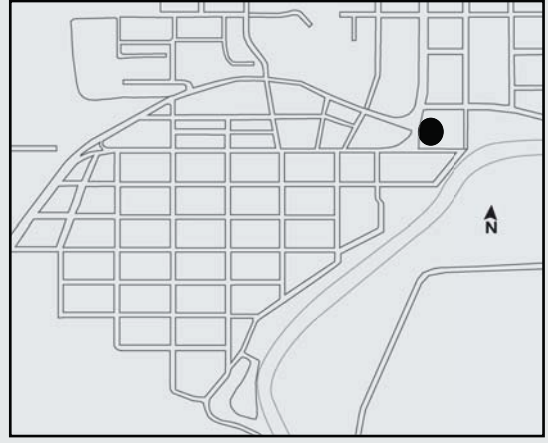
welcome sign at visitor's center



ralph edwards | 1950

WELCOME CENTER

steven alano and gina griego



house of the future | monsanto company



house of the future | monsanto company

Socorro County
Sierra County

WELCOME CENTER

steven alano and gina griego

Estimated Spaceport visitors represent an 1800% increase in tourism to TorC, possibly resulting in an additional \$22m of spending/year

92k visitors/year from I-40 and I-25 North Corridors

\$250/family of 4/day 4 day average visit

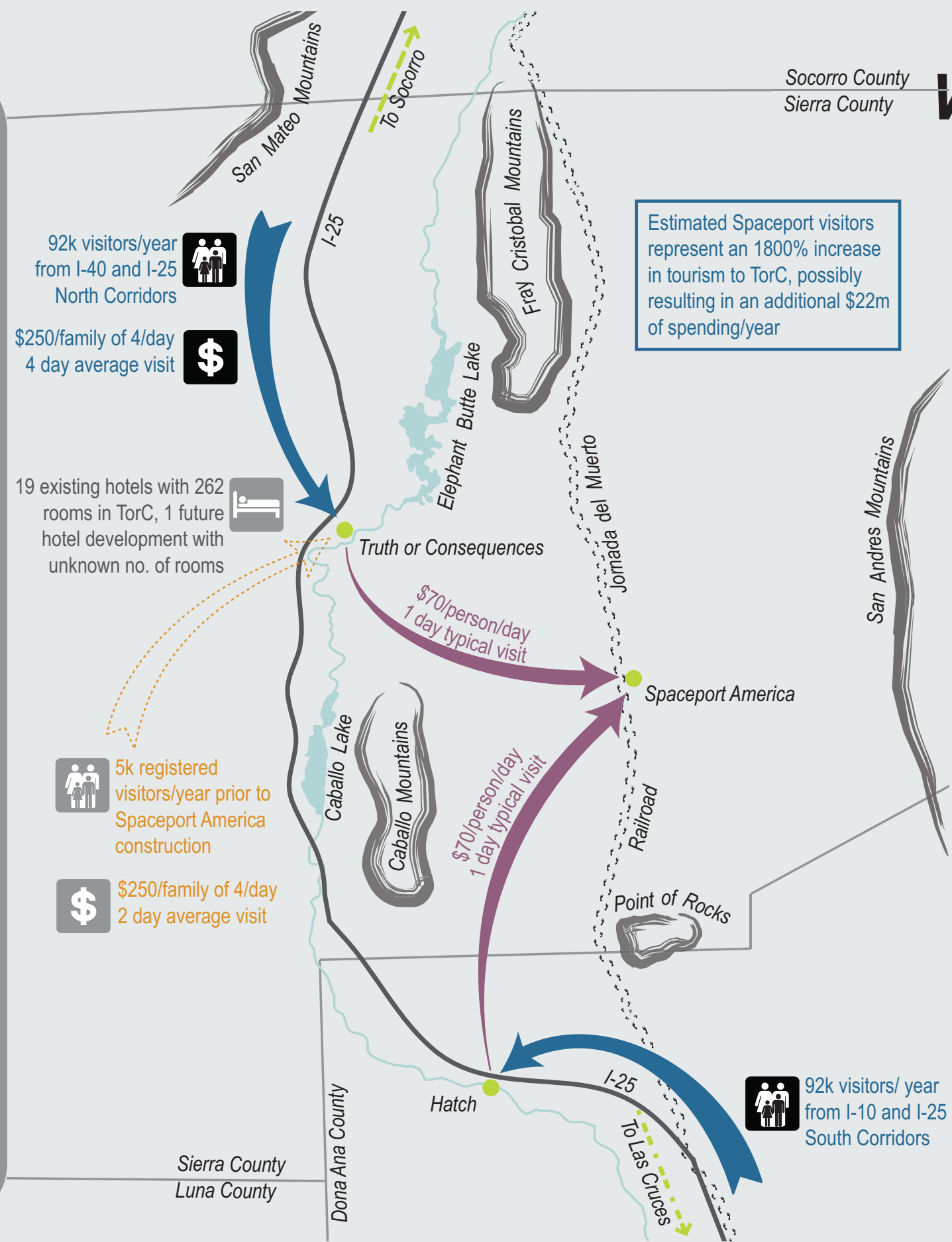
19 existing hotels with 262 rooms in TorC, 1 future hotel development with unknown no. of rooms

5k registered visitors/year prior to Spaceport America construction

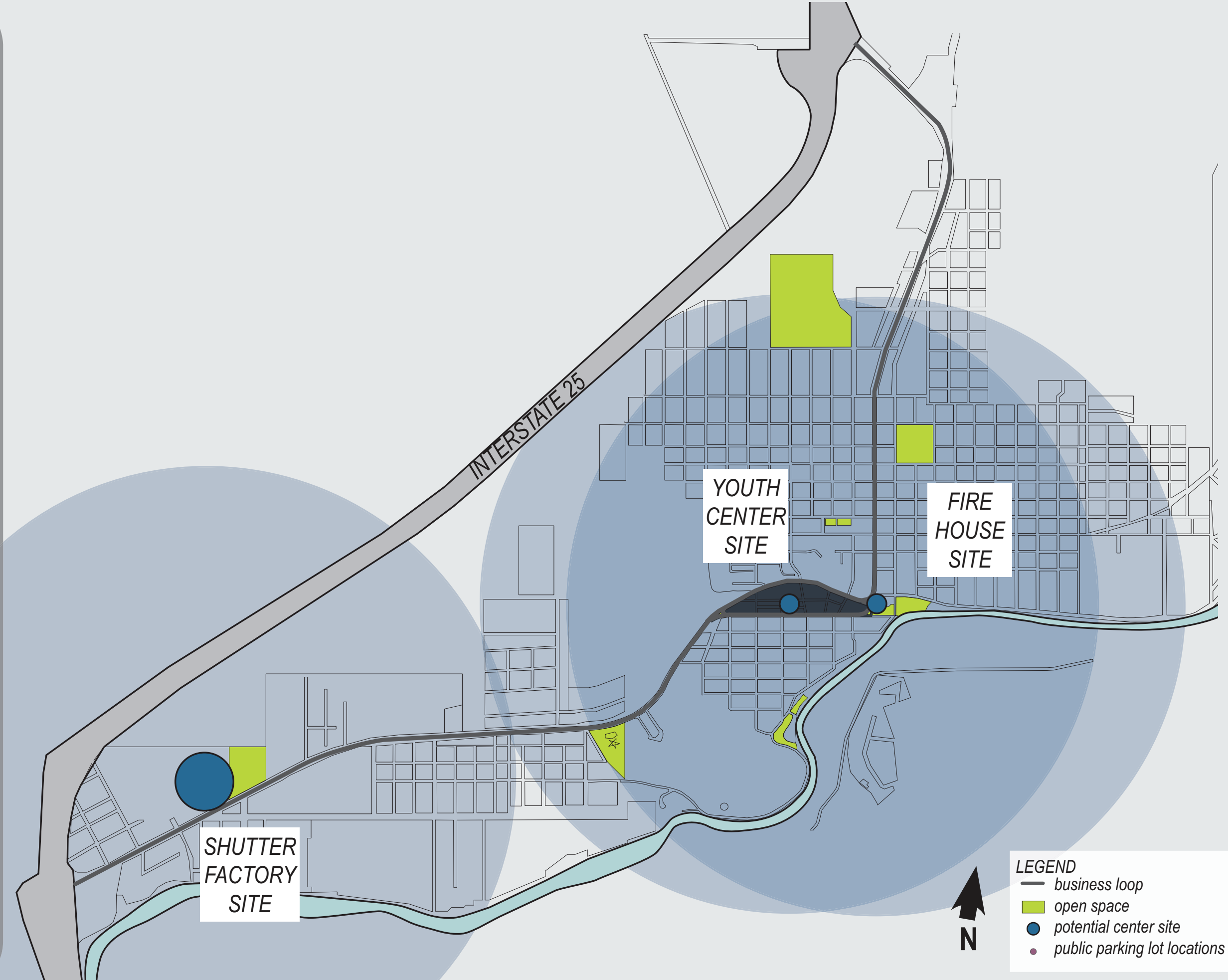
\$250/family of 4/day 2 day average visit

92k visitors/ year from I-10 and I-25 South Corridors

SPACEPORT AMERICA EXPECTED VISITOR IMPACT



GREATER TorC POTENTIAL WELCOME CENTER SITES
PUBLIC AMMENITIES WITHIN 1 MILE RADIUS

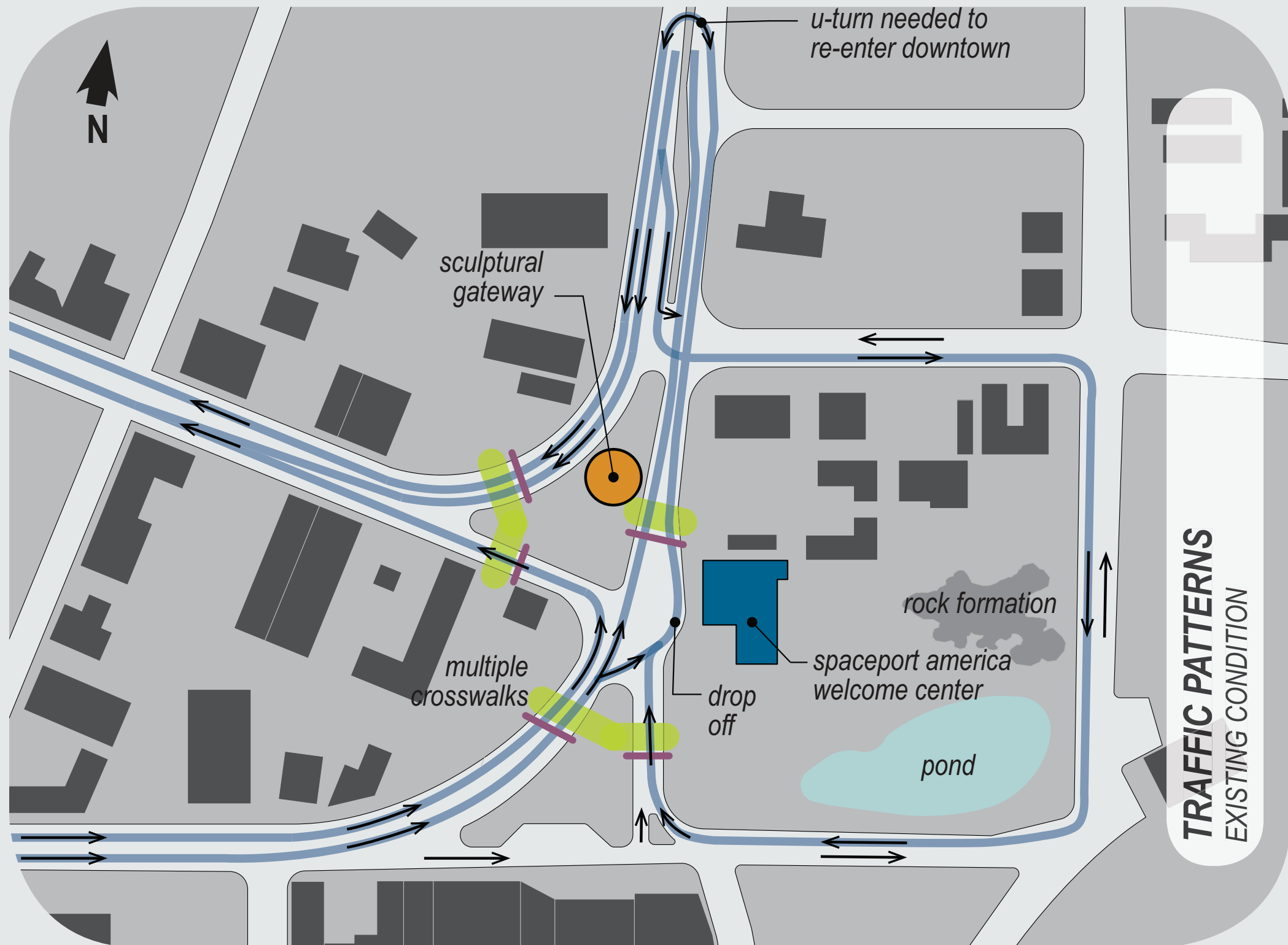


LEGEND

- business loop
- open space
- potential center site
- public parking lot locations

WELCOME CENTER

steven alano and gina griego



WELCOME CENTER

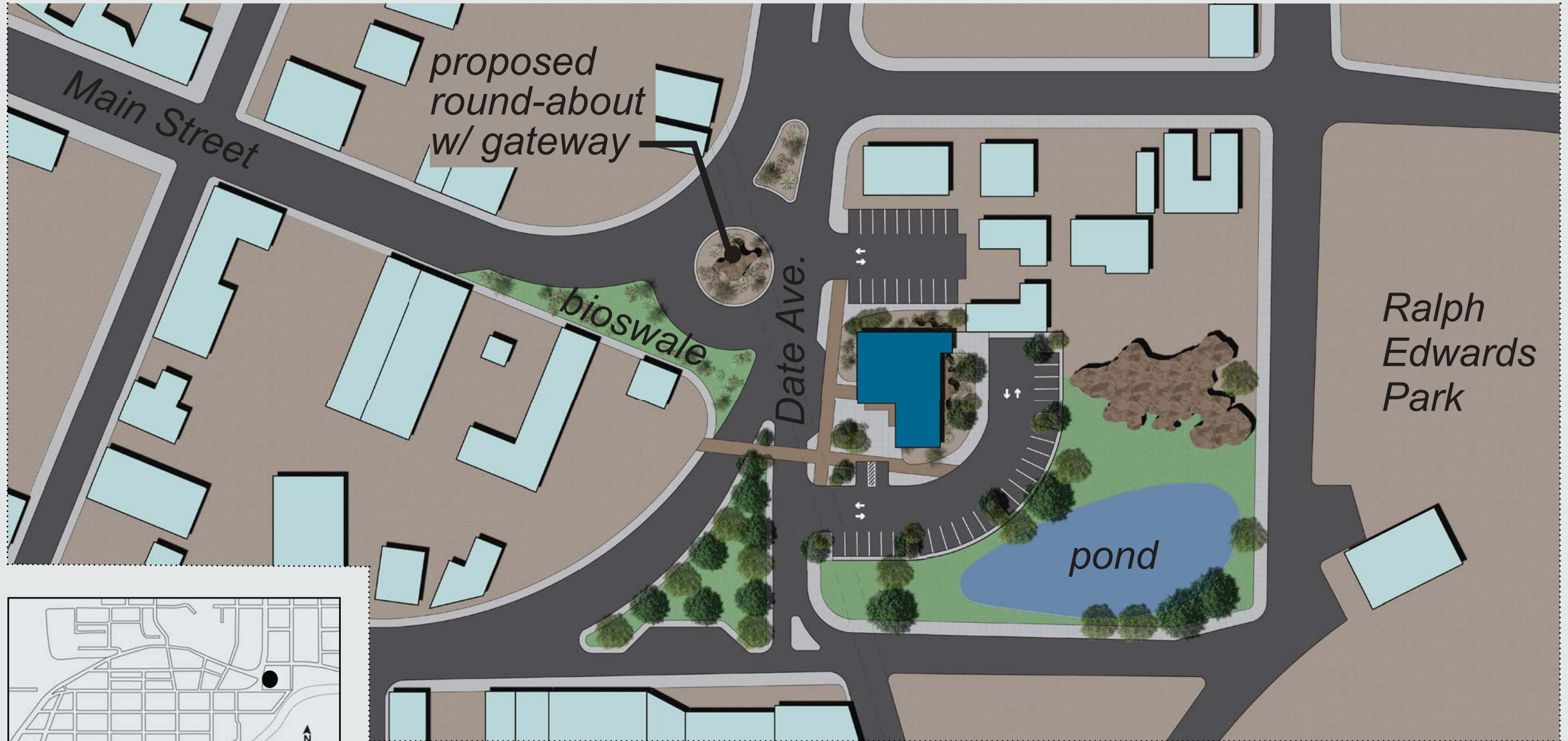
steven alano and gina griego



WELCOME CENTER

steven alano and gina griego

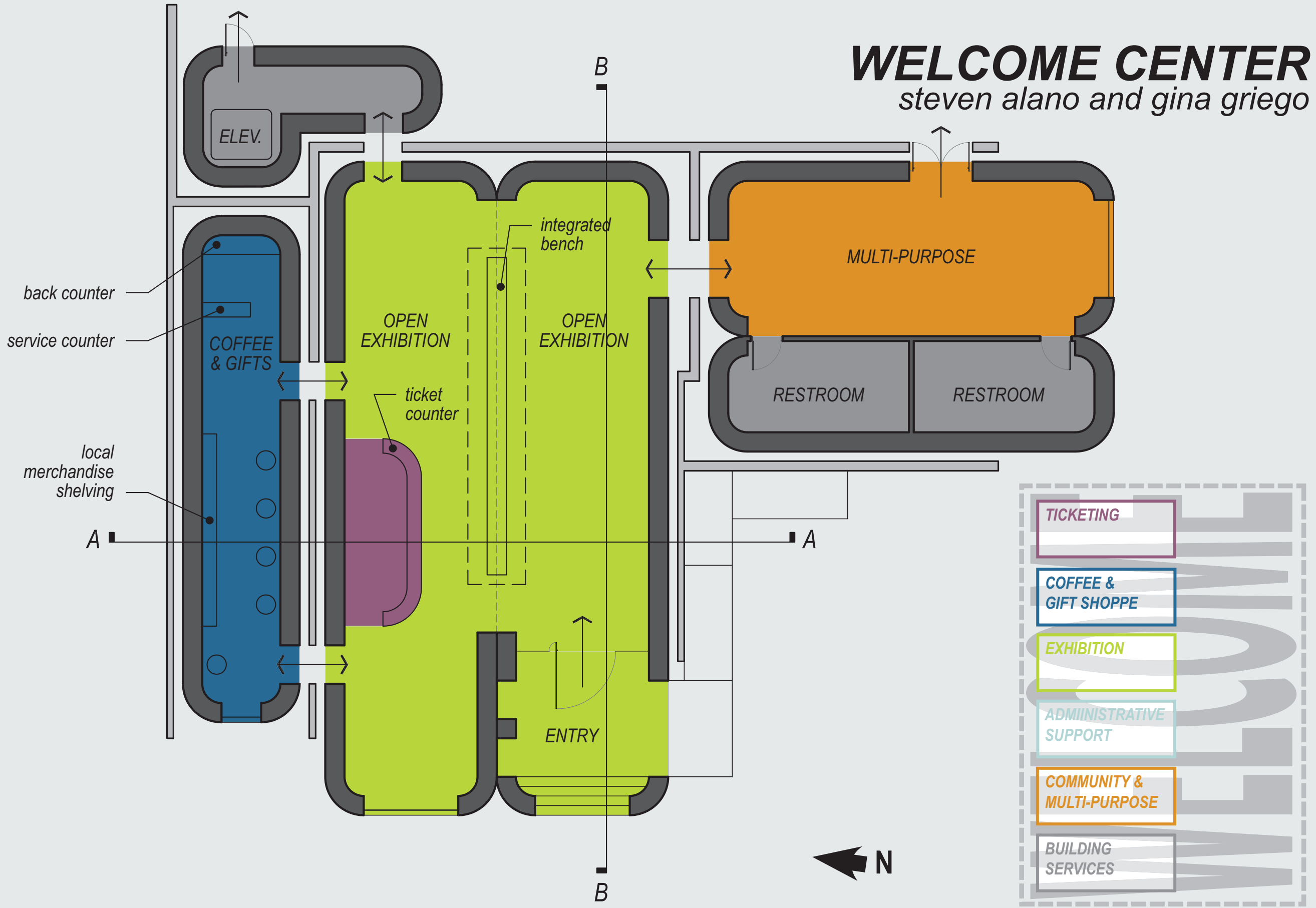
destination | experience



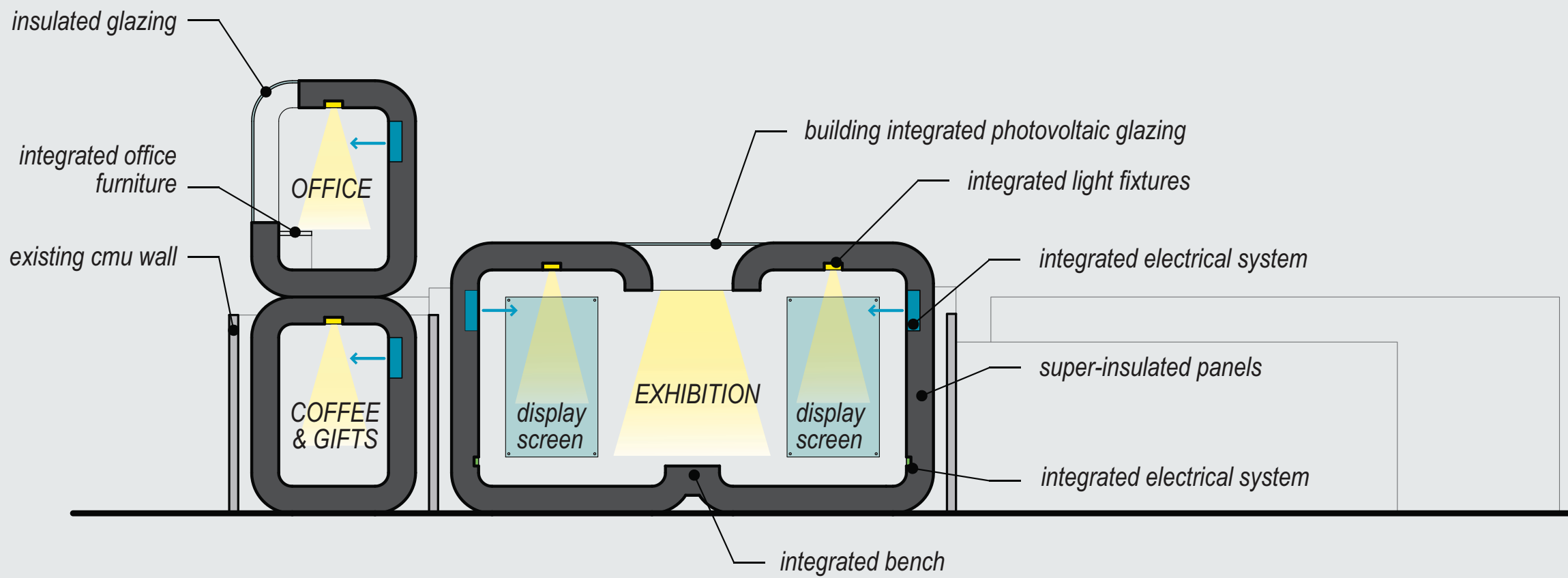
Site Plan: Welcome Center at west end of Downtown loop.

WELCOME CENTER

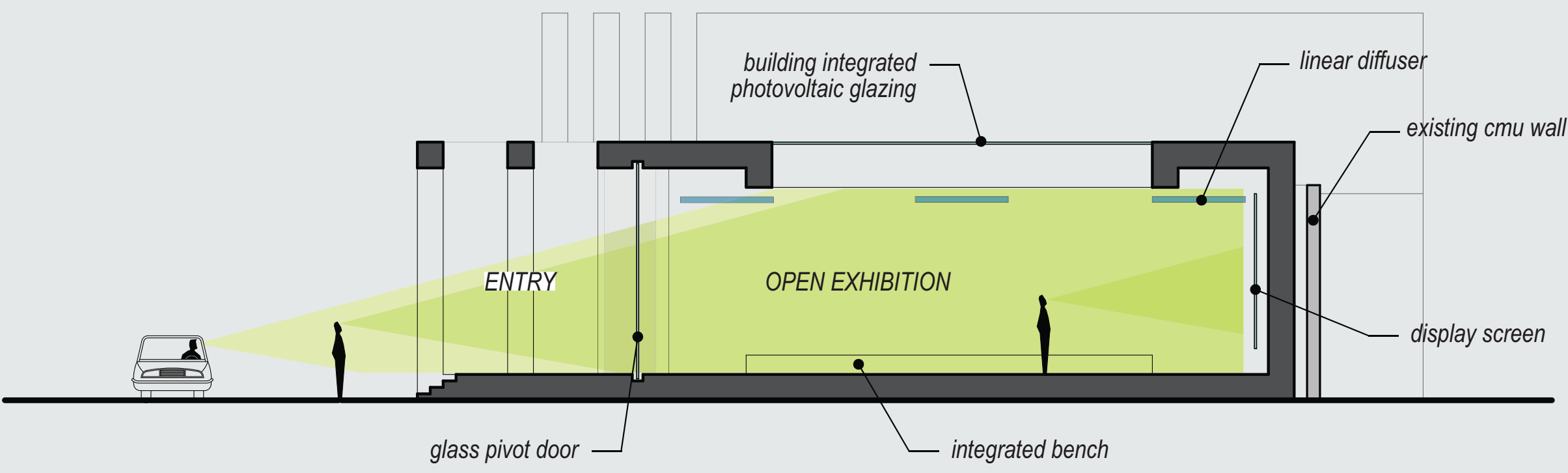
steven alano and gina griego



SECTION A-A
1/8" = 1'-0"



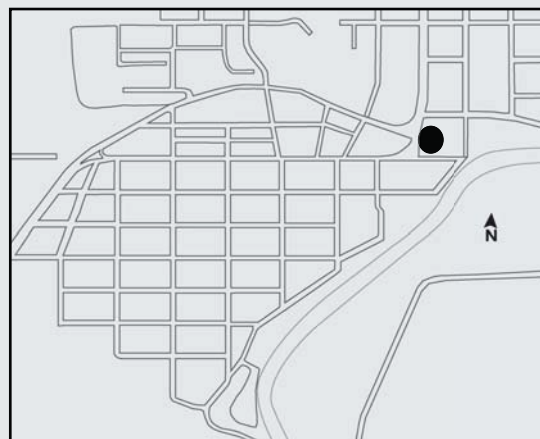
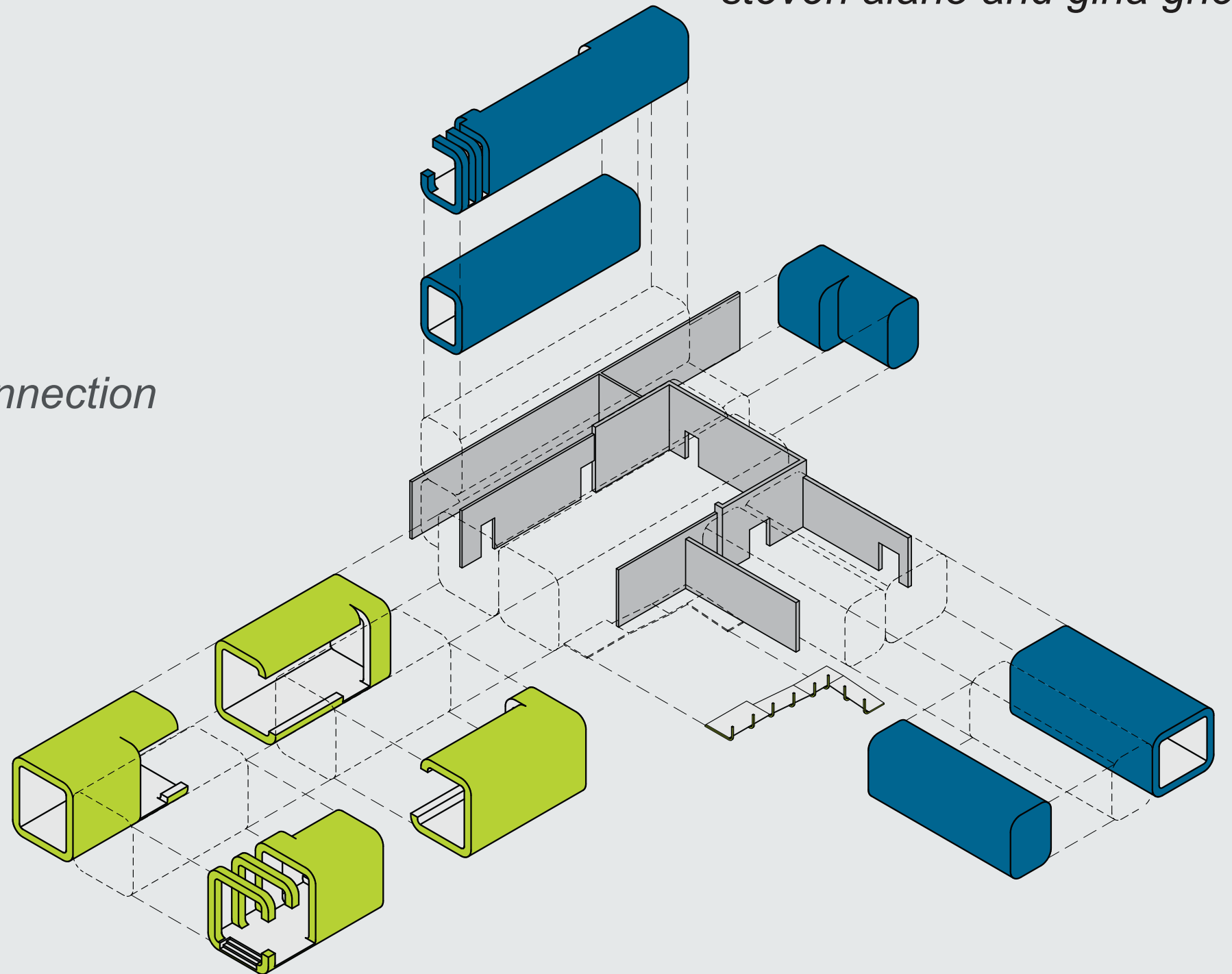
SECTION B-B
1/8" = 1'-0"



WELCOME CENTER

steven alano and gina griego

symbiotic | fusion | connection



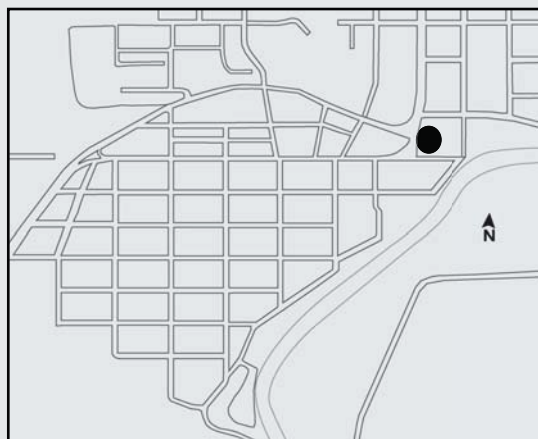
Prefabricated Pod: Diagram indicating installation of ready to use modules, delivered straight from manufacturer.

WELCOME CENTER

steven alano and gina griego



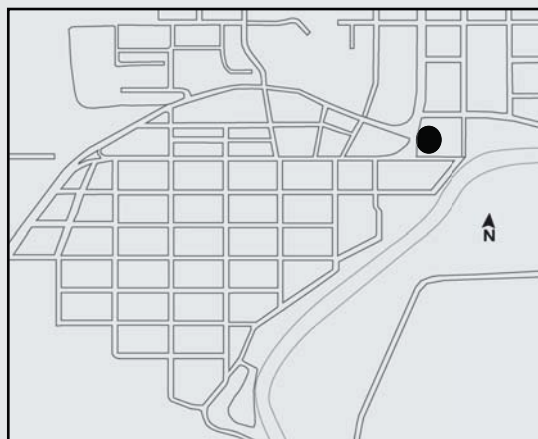
existing view at entry to downtown



WELCOME CENTER

steven alano and gina griego

gateway | retro-futurism | funky modern



Vignette: Welcome Center serves as a visual presence in the form of a gateway indicating arrival to Downtown TorC.

CONCLUSION



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Drew Seavey

**UNM SA+P DPAC Studio Spring 2011
For the City of Truth or Consequences**