

WEAVING VENTURA THROUGH LANDSCAPE, HISTORY AND FOOD

Kate Hamilton

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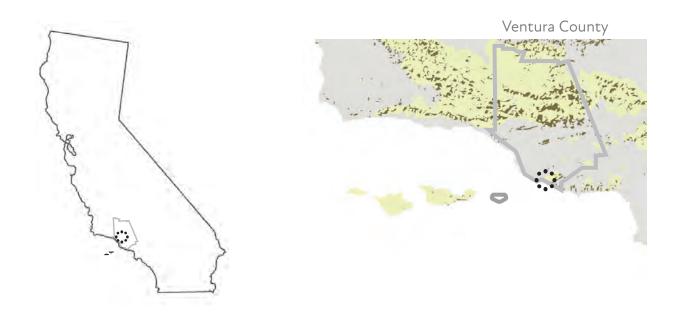
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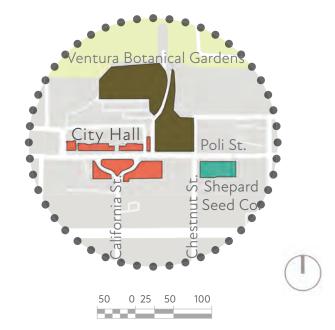
LOCATION



Vicinity



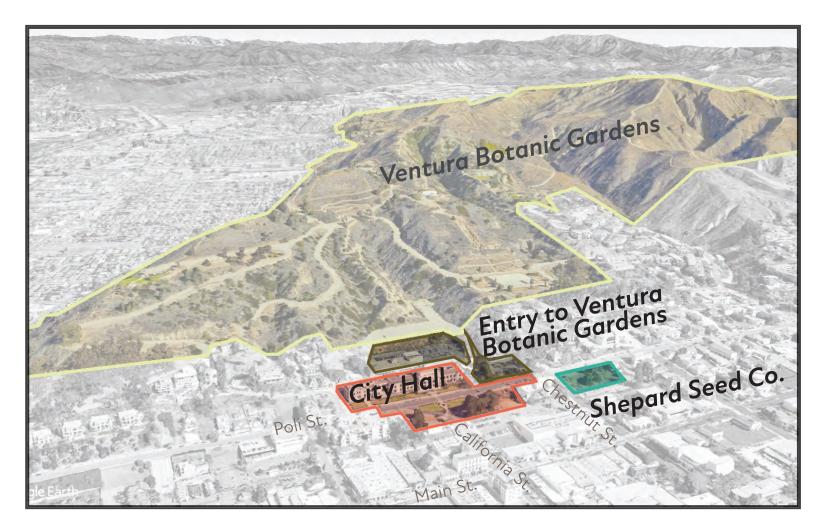




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PROJECT STATEMENT

Through landscape, history and food this project aims to **distinguish** and **connect** the Ventura Botanic Gardens, Ventura City Hall and what remains of the Shepard Seed Co. grounds.



TIMELINE

SPANISH ASHORE

Cultural, environmental, agricultural division to follow. Journals note soil fertility.

PHOTO CREDIT: ISABELLE FEIARO

MEXICAN AMERICAN WAR

GOLD RUSH PHOTO CREDIT: WWW.

WORI DHISTORY US

INDIAN TREATIES

Native population forced off ancestral land onto reservations. PHOTO CREDIT: LOS ANGELES PUBLIC LIBRARY

AGRICULTURE

Farming expands after Civil War Ventura primarily produces wheat and barley.

PHOTO CREDIT: RIVERSIDE METROPOLITAN MUSEUM





1542



1846-1860

1850-1900





1890-1980

1866-



DAMS BUILT

1,400 Dams and diversions erected in California. Matilija Dam. PHOTO CREDIT: JEREMY JACOBS





CHUMASH

Life in close accordance to natural cycles. Managing land on an ecological basis. Distinctive boat and basket making expertise.

PHOTO CREDIT: METROPOLITAN MUSEUM OF ART

1780-1823



CATTLE MISSION SYSTEM

Spanish introduce cattle compacting soil. Mission system imposed. San Buenaventura is last mission of 20 to be built. PHOTO CREDIT: PINTEREST



ORTEGA CHILI

Home of the Ortega Family and Ortega Chili company PHOTO CREDIT:CITY OF VENTURA

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TIMELINE

OIL | CITY HALL

Oil discovered in Ventura. City Hall designed by Albert C. Martin Sr. PHOTO CREDIT: CITY OF VENTURA

STUDIO-MLA

Awarded VBG Vision Plan which includes all Mediterranean biomes PHOTO CREDIT: STUDIO MLA

THOMAS FIRE

Largest wildfire in modern California history, burns 109 acres PHOTO CREDIT: VENTURA LAND TRUST

66 In the field of your imagination are all possible flowers

Theodosia B. Shepard





2011



2017

1905



THEODOSIA BURR SHEPARD

First woman in the country to hybridize flowers. Owned own company selling seeds and bulbs. PHOTO CREDIT: WIKIPEDIA

1920-1960

1920-1930



101 FREEWAY

Built between City Hall and Pacific Ocean 1 mile away PHOTO CREDIT: PINTEREST



VENTURA BOTANICAL GARDENS (VBG)

Grant Park designated site For Ventura Botanical Gardens PHOTO CREDIT: STEPHEN SCHAFER 2018-2020



FOOD PRODUCTION

8th highest agriculture producing county in the country PHOTO : CALIFORNIA STRAWBERRIES

JUSTIFICATION

CONDITION:

DESIGN RESPONSE:

Coastal Soil building | views Drought, low rain..... Rainwater capture Wildfire by climate change...... Native species | Permeable surface Soil fertility..... Nutrient dense food Mild climate..... Outdoor education

California's commitment to Hillside stabilization carbon neutrality

*Ventura's unique character..... Commemorate two Ventura

*Animating the public realm..... *Sustainable infrastructure...... California's communication Carbon sequestration from improved agriculture and re-vegetation.

horticulturists and coastal heritage *California's new art city..... Local craft and statuary

> PHOTO CREDIT FROM TOP VENTURA BOTANIC GARDENS CALIFORNIA DEPARTMENT OF TRANSPORTATION WIKIPEDIA







Downtown Specific Goal of Ventura

USERS



PHOTO CREDIT: MAKOS SURF CAMP



PHOTO CREDIT: VENTURA COUNTY FAIR



PHOTO CREDIT: HAWTHORN SENIORS



PHOTO CREDIT: KET



PHOTO CREDIT: THE TRADE DESK



PHOTO CREDIT: CITY OF VENTURA

PHOTO CREDIT: SFGATE



PHOTO CREDIT: LA TIMES

Residents:

111,741

Hispanic Environmental Advocates Food Growers Families Seniors Surfers Artists and Historians American Indian

Students:

17 Public, Charter or Religious Grade **Schools in 5 miles.**

Employees:

64,329 employees 5,846 businesses

County of Ventura Ventura School District City of San Buenaventura

Tourists:

2.68 million/yr

The City of Ventura relies heavily on tourism throughout the summer months. Especially along Main street businesses cater to day trippers.

METHODOLOGY: PROJECT FOR PUBLIC SPACES

evening use

Taking advantage of the permanent City Hall fixtures, adding lighting throughout the market space and offering movies in the summer time would surely provide more night use.

street life

All 3 areas of the site have at least 2 sides adjacent to the street and access to free public parking. Well placed programming attracts curiosity while planted buffers can still maintain enclosure for participants.

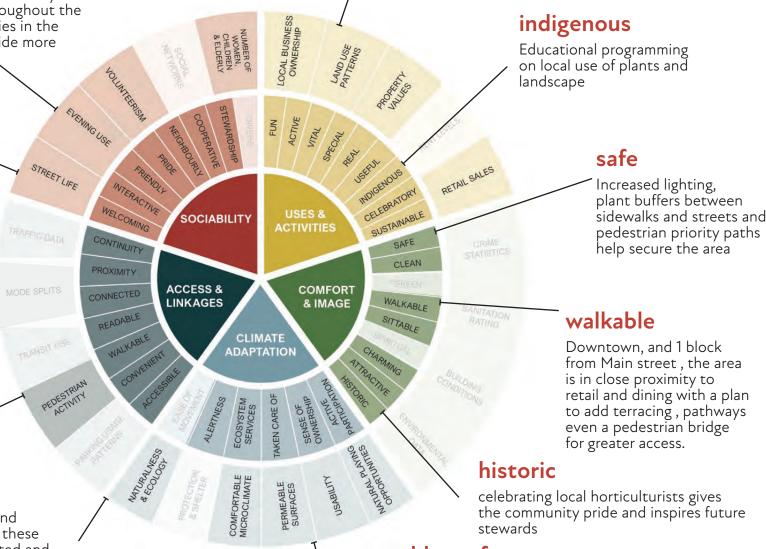
pedestrian activity

With increased shade canopy, seating, pathways and programming there will likely be more pedestrian activity.

naturalness and ecology

Fire and marine ecology and the species that make up these systems to be demonstrated and taught.

PHOTO CREDIT: PROJECT FOR PUBLIC SPACES



permeable surfaces

Decomposed granite, gravel, bark mulch and permeable concrete would all be included in this concept.

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land use patterns

Growing food, cooking, or eating lunch with friendsthe resign will change the way land is used.

DESIGN PRECEDENT

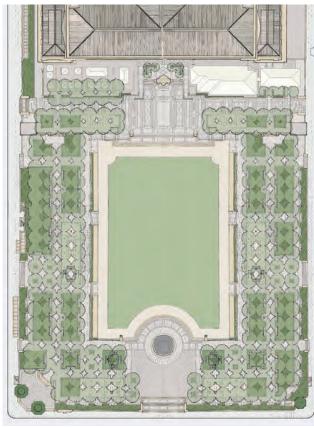


PHOTO CREDIT: H3

BRYANT PARK

MANHATTAN, NEW YORK

Kate Hamilton



PHOTO CREDIT: UNTAPPED CITIES

SIZE: 9.6 ACRES

SIZE: 9.6 ACRES SUMMARY: A public park privately managed, Bryant Park sits directly adjacent to the New York Public Library. In 1992 Lyndon Miller worked closely with William Whyte- a sociologist to redesign the park lowering the space below the street and including 2,000 moveable chairs. Today is lauded as the "Town Square of Manhattan" and an "office oasis." Many point to the diverse programming for its success.

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PHOTO CREDIT: WIKIPEDIA

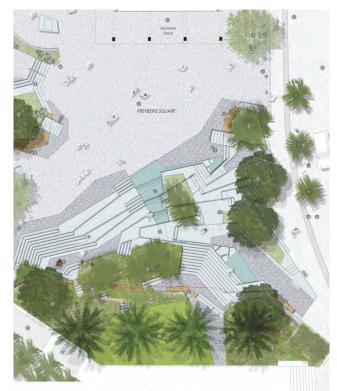


PHOTO CREDIT: WIKIPEDIA

WHAT WORKED: The simplicity and continuity of the design. Including programming outside the park management keeps the interest diverse and relationships strong. Plus the large space contains many small destinations - a great place making strategy.

WHAT DID NOT WORK: The grass would not work well for California, and allowing private events has led to some exclusivity but largely remains a success.

DESIGN PRECEDENT



ELLEN MELVILLE HALL AND FREYBERG SQUARE UPGRADE PHOTO CREDIT: ISTHMUS GROUP



PHOTO CREDIT: ISTHMUS GROUP



PHOTO CREDIT: ISTHMUS GROUP



PHOTO CREDIT: ISTHMUS GROUP

FREYBERG PLACE

ISTHMUS GROUP | JOHN REYNOLDS AUCKLAND CITY, NZ

SIZE: 5,300-8,000 SQ. FT SUMMARY: A remodled plaza explores public art and architecture with an installation of steps and spaces for the taking. Designers worked closely with the artist John Reynolds to develop a narrative and concept and consulted early and often with Mana Whenua for a "clear and meaningful strategy around storm water management, materials and planting." Included in the project are "tattooed" stones, a "volcanic flow" of stairs, and "not a planked-down bronze sculpture but a participatory public installation" which has all been extremely well received by the community as well as officials and design world alike. and design world alike.

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WORKED: The process was inclusive setting into motion a public space from the start, it allows for personal expression of users with quality materials and thoughtful treatment of the landscape.

DID NOT WORK/ DOES NOT FIT THIS PROJECT: At the center of a larger city, surrounded by retail and offices with many more people to consider. Too much concrete used and more of the area should have been landscaped.

DESIGN PRECEDENT



PHOTO CREDIT: KENNETH WEIKAL L. ARCH

LAFAYETTE GREENS

KENNETH WEIKAL DETROIT, USA

SIZE: 1.4 ACRE

SUMMARY: This urban garden brings urban agriculture, community gardening, productive landscapes and the entire conversation about the food movement into the heart of downtown Detroit. A tangible expression of the possibilities for integrating urban agriculture into city spaces in a way that is participatory, beautiful and productive. WHAT WORKED: relationship to public private space, productivity, water management, community building, event space, corporate sponsorship, city initiative

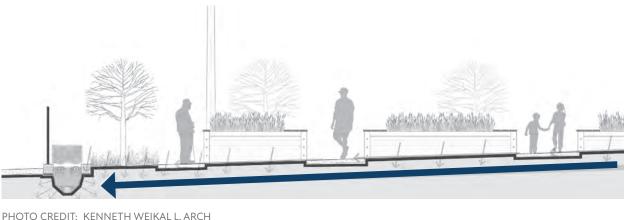
WHAT DID NOT WORK: missing shade, further income generation, or city system integration, and gathering space

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PHOTO CREDIT: ASLA



GOALS + OBJECTIVES

- **USE** available rain water
- UPDATE City Hall Landscape
- DEMONSTRATE sustainable land management

curb cuts permeable surfaces terracing add shade trees seating produce agroecology soil building hillside stability

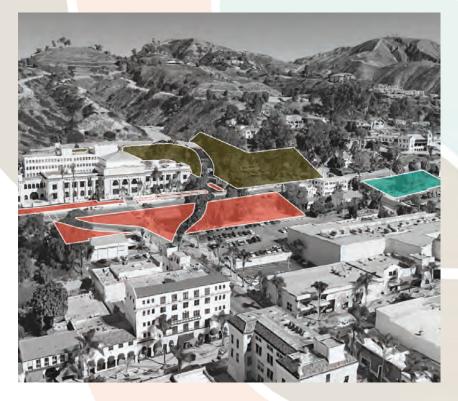
LOCATE + ACCESS VBG from Poli St. gateway pedestrian path
RETROFIT large open spaces for place making restroom permeable surface solar fridge
SUPPORT public health greater pedestrian access to longer more scenic walking paths

berms/swales

remove turf

TEACH history of Ventura cultivated species historic signage
CONNECT people to place experimental ecology nutrition class local craft
ENCOURAGE local commerce of food create supply chain of farmers for restaurants farm plot

PROJECT ELEMENTS



• City Porch

24,000 Ft² Landscape to reflect priorities of sustainable infrastructure, and the arts.

Pedestrian Bridge

800 Ft² Pedestrian link over Poli St. leading to VBG through weekend flex space

Look Outs

1,200 Ft² "Ventura" means window to what's ahead, shaded seating in the breezeway with a view

• Gateway

500 Ft² Living sign on pedestrian bridge over Poli St. announcing Ventura Botanical Gardens.

Demonstration Space

4,000 Ft² For agroecology, water capture + hillside stabilization of sand based soil

Canyon Terracing + Bandshell

20,000 Ft² SB sandstone terracing with informal orchard for water retention, hillside support and seating to enjoy canyon acoustics

Market and Park

20,000 Ft² Overhead structure to offer flex space with amenities.

• Food Studio

1,200 Ft² Kitchen for rentals and workshops

Restaurant Garden

9,000 Ft² Land leased to local cafe

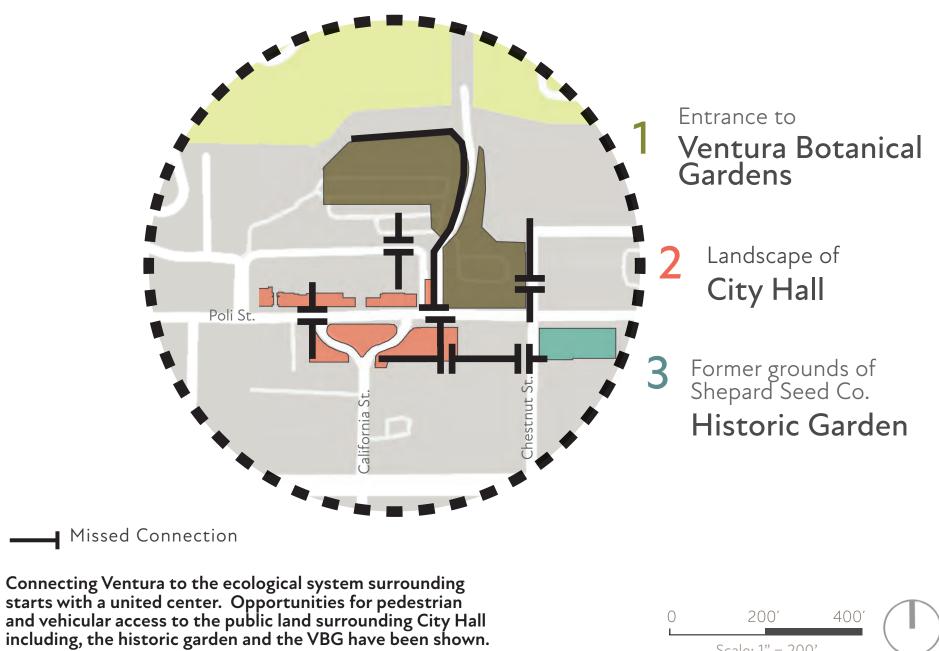
Earth Lab

4,000 Ft² Outdoor classroom for ecology, natural farming, nutrition and local craft

Historic Edges

1,300 Ft² Hatch chilis and Shepard cultivars line the gardens edge with signs to tell the story

MISSED CONNECTION



Scale: 1" = 200'

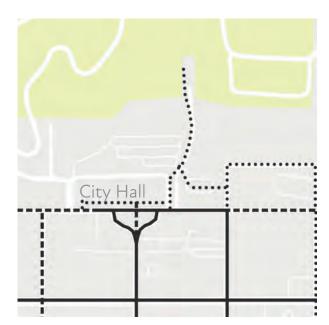
ZONING







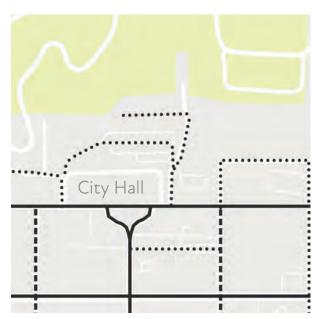
Pedestrian



Vehicular



Bicycle

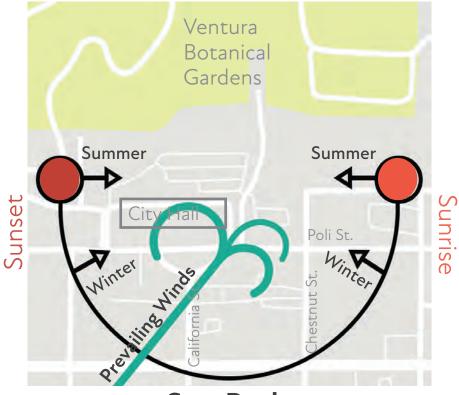


- Primary
- Secondary
- •••• Tertiary



OBSERVATION:

WEATHER

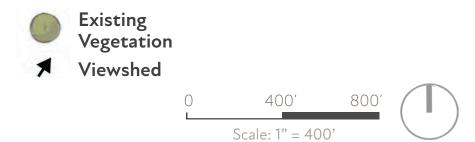


Sun Path

Combined Area: 3.15 acres Seasonal Rain: 13.12 in. Ave ETo: 3.86 in./mo USDA Zone: 10a Sunset Zone: 24 Ave. High: 76 f Ave. Low: 44 f

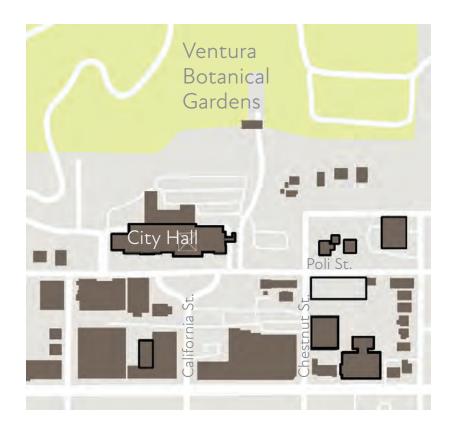
VEGETATION + VIEWS





OBSERVATION:

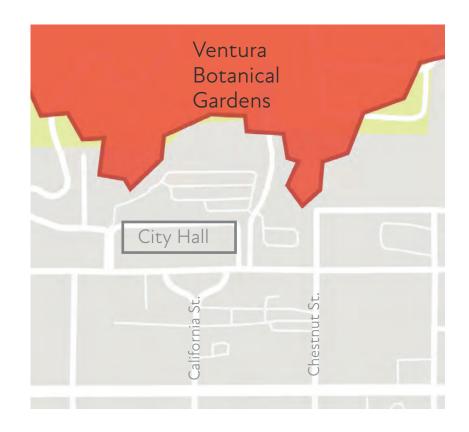
PARCELS + HISTORIC

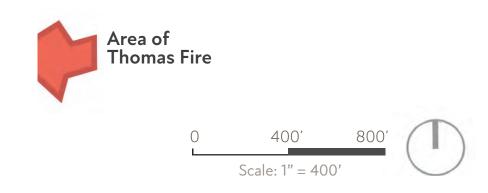




Value

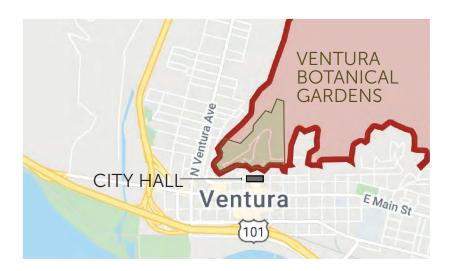
WILDFIRE





THOMAS FIRE







On December 4th, 2017 an "electric arc" was created after two power lines rubbed together and sent a spark flying. That spark caught fire and the heavy winds moved the flame rapidly northwest and into the National Forest.

When the fire was put out two deaths haad been reported, Insurance claims amounted to \$1.3 billion (Serna). The fire consumed roughly 1,000 structures (Andone, 2018)

DEFENSIBLE SPACE

IMMEDIATE ZONE 0-5' AROUND BUILDING

Should be kept free of all combustible materials, including wood mulches, dead or dry vegetation and other debris. Use irrigated herbaceous plants, rock mulches or hard surfaces.

INTERMEDIATE ZONE 5' - 30'

Keep the residential landscape area located within the first 30 feet from the home lean, clean and green. Have only a small amount of flammable vegetation, with no accumulation of dead vegetation. Use plants that are healthy, green and irrigated during the hot, dry summer.

• EXTENDED ZONE 30' -100'

Beyond your residential landscape, remove dead vegetation, create separation between shrubs and trees, and remove low tree branches and shrubs under trees.

0-5

5' - 30'

30' - 100'

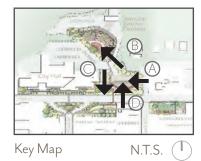
AREA 1

А



В









AREA 1: ANALYSIS

CONSTRAINT

Residential above most visible slope for demonstrating vegetation suitable for stabilizing hillsides with sand based soils

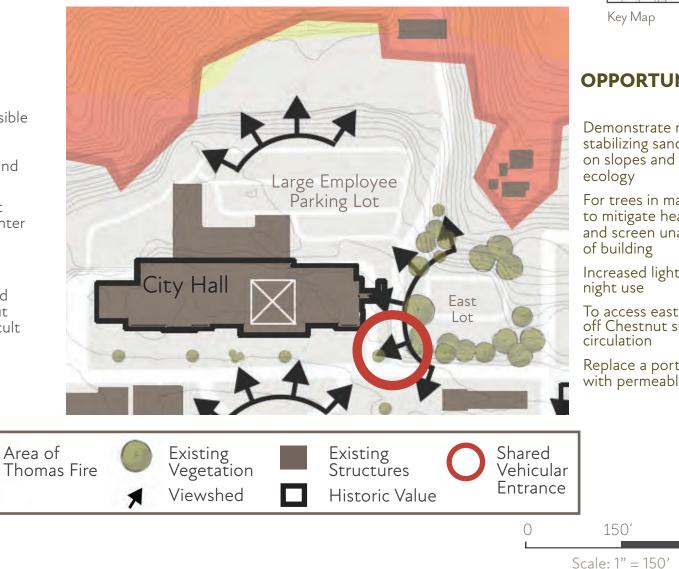
Large concrete parking lot people have to cross to enter VBĠ

Backside of City Hall

Steep slope and poor road conditions on N. Chestnut makes path of travel difficult

LEGEND

Water on steep slopes





OPPORTUNITY

Demonstrate methods of stabilizing sand based soils on slopes and showcasing fire

For trees in main parking lot to mitigate heat island effect and screen unattractive back

Increased lighting for greater

To access east parking lot off Chestnut st. to improve

Replace a portion of asphalt with permeable surface

300

AREA 2



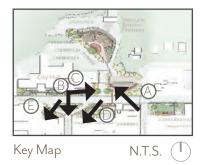














AREA 2: ANALYSIS



CONSTRAINT

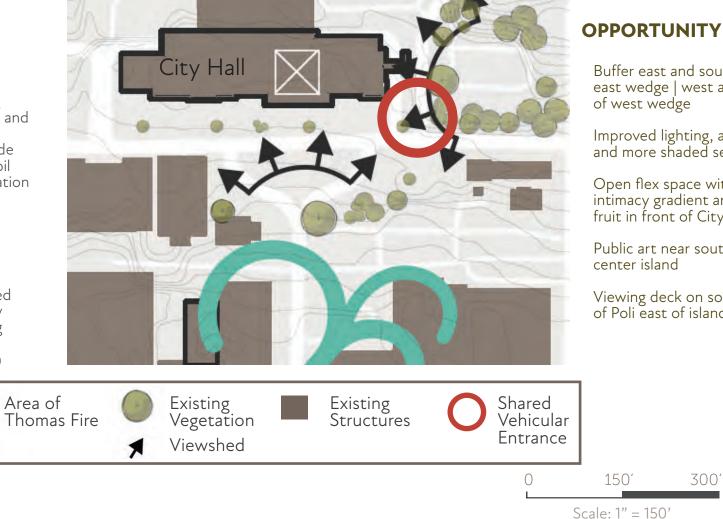
Existing Trees: Shinus molle-allelopathic limits understory planting Araucaria araucana large and close to street Palm var. assorted, provide no shade, little habitat, soil benefit or hillside stabilization

Slope restricts access

Grand style of City Hal larchitecture

Access to VBG with shared vehicular entrance to City Hall and limited remaining space

LEGEND



Buffer east and south side of east wedge | west and south

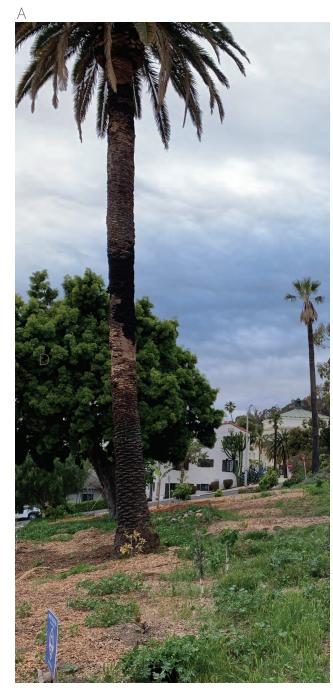
Improved lighting, access, and more shaded seating

Open flex space with intimacy gradient and public fruit in front of City Hall

Public art near south end of

Viewing deck on south side of Poli east of island

AREA 3



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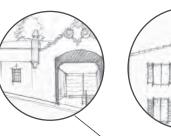




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AREA 3: ANALYSIS

mar Hilf





Awkward slope that gets steeper towards NE corner

Adjacent home very close to property line

Existing trees: Shinus molle- inhibiting understory Palm var- not providing shade or nutrient exchange Ficus spp.- offers too much shade + occupying valuable root space

View of large parking area







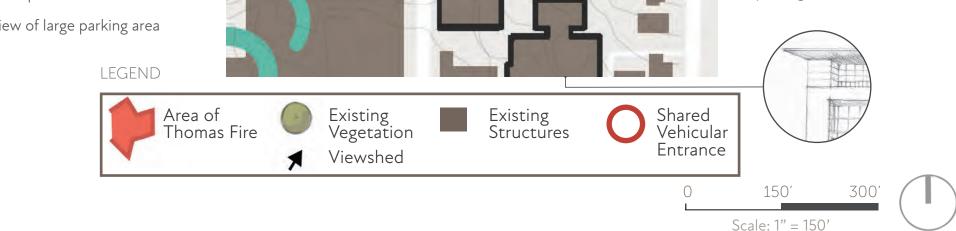
OPPORTUNITY

For studio structure on east side with greater security away from street

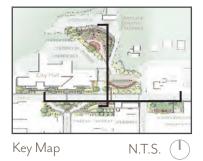
West side of lot has greatest visibility to promote local restaurant partnership

For runoff capture from well paved drive of Chestnut

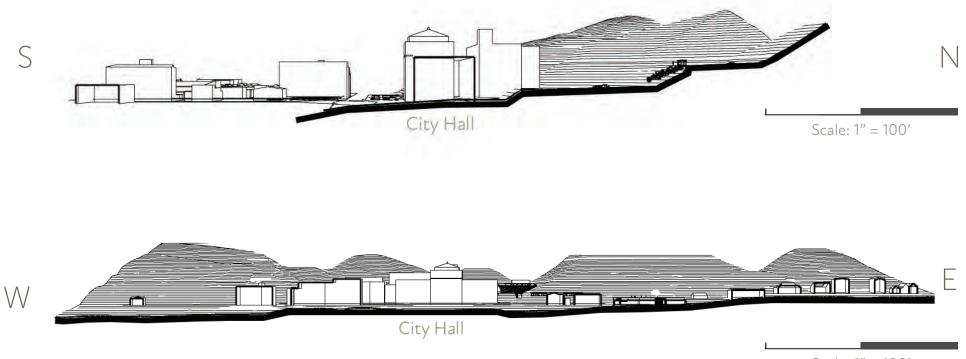
Connection to City Hall parking lot from Chestnut St.

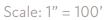




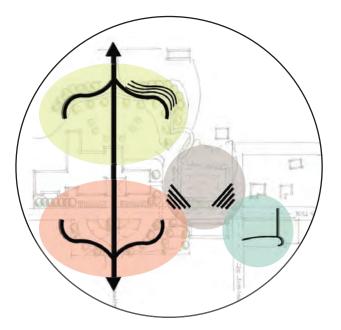


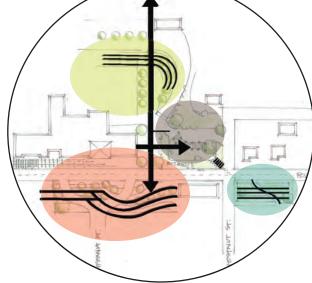


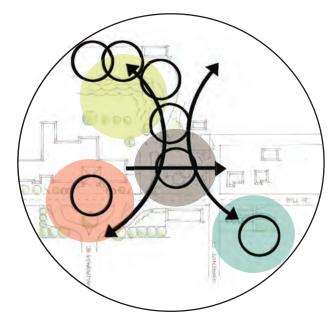




CONCEPT SITE PLANS





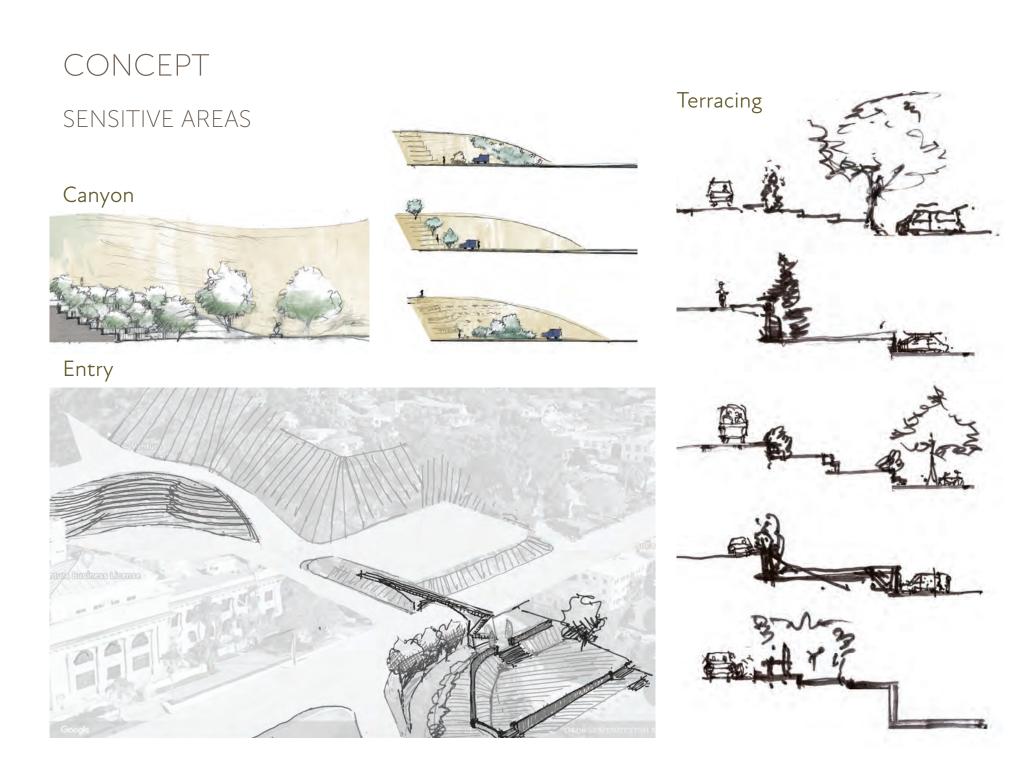




2 Direct Curvilinear City Hall and east lot Landscape grid

3 Cyclical Pedestrian Bridge Symmetry Screen

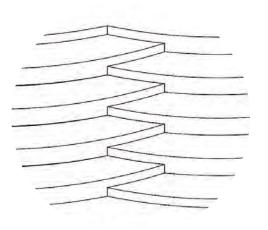




SYMBOL

Woven Basket

Used throughout history for harvest, transport, cooking and storage the woven basket is represented in this project symbolically, as the braiding of person to place through food and in form through the overlapping terraces and the rounded pergola and pedestrian bridge in the center of the project area representing the start of a coil.



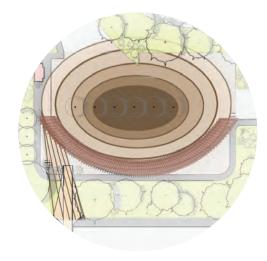


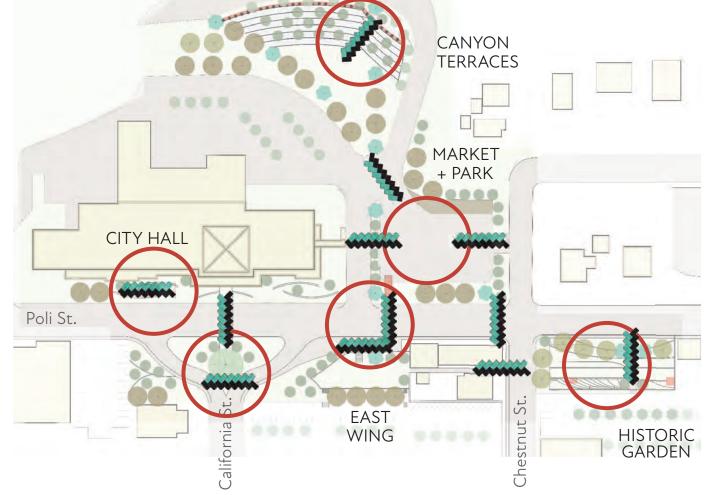


PHOTO CREDIT: METROPOLITAN MUSEUM OF ART

CONNECTIONS | DETAILS



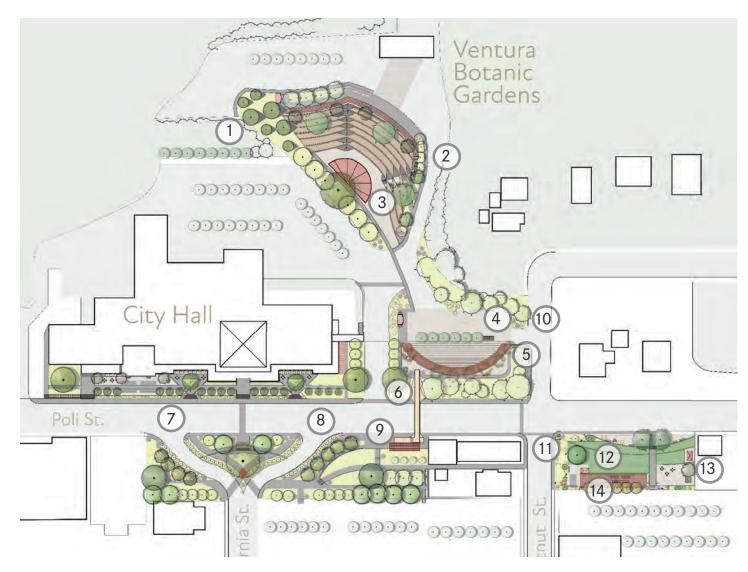




Connections made throughout the design include a pedestrian bridge over Poli Street, vehicular access to the east parking lot via Chestnut Street and to the entrance of the Ventura Botanic Gardens up the canyons contours.



MASTER PLAN



LEGEND

- 1. Hillside Demonstration Space
- 2. Woven Terracing
- 3. Bandshell
- 4. Permeable Paving
- 5. Curved Pergola for Market and Mixed Use
- 6. Botanical Gateway and Pedestrian Bridge
- Welcoming Civic Spaces with Shade, Seating, Sculpture & Edible Landscape
- 8. Curb Cuts and Sunken Garden or Rain Capture
- 9. Ventura Lookout
- 10. Chestnut Street Access
- 11. Street Side History Walk
- 12. Restaurant Garden
- 13. Community Venture Garden
- 14. Food Studio + Art Kitchen

0 150' 300' Scale: 1" = 150'

SECTION + ENLARGEMENT: CANYON TERRACING



Key Map



PLANTING NOTES: HILLSIDE STABILIZATION

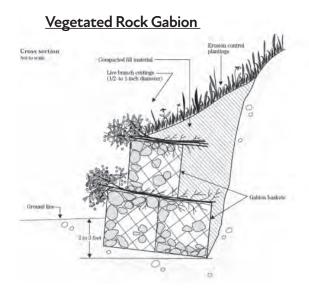
Sand based soils on steep hillsides frequently burned surrounding a city are a challenge. Grasses, with the exception of Vetiver (*Chrysopogon zizaniodes*) are more damaging than helpful and tree roots offer the most hold but are slow to establish so a diverse palette of mixed native plants ranging in root depth is the ideal approach.

IMPORTANT CONSIDERATIONS FOR THIS SITE:

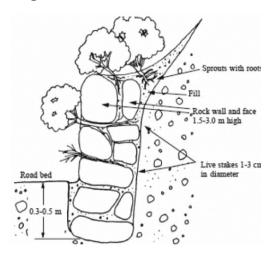
soil: sand based wildfire: likely salt spray: yes full sun: yes angle of slope: 30-60% proximity to downtown Ventura: close use of hillside roads: low

Because these hills are just outside the defensible space of City Hall, trees would still be spaced further apart to serve as a fuel brake for firefighters. Also, less conifers would be used to avoid combustion but because conifers often grow quickly, provide a top layer of root control and wind relief they are a reliable option.

Irrigation would be tricky and many methodologies of vegetated hillside planting techniques would be difficult without netting given the degree of slope and likelihood of erosion. Low water use species would be necessary and jute or coconut coir netting worth considering.



Vegetated Rock Wall



IMAGES: NATIONAL ACADAMIES OF SCIENCE ENGINEERING AND MEDICINE

PLANTING: TREES FOR HILLSIDE STABILIZATION

Celtis sinesis



PHOTO CREDIT: SELECTREE.CALPOLY.EDU

Eucalyptus sideroxylon



PHOTO CREDIT: SELECTREE.CALPOLY.EDU

Quercus engelmannii



PHOTO CREDIT: WIKIPEDIA

Paulownia tomentosa



PHOTO CREDIT: SELECTREE.CALPOLY.EDU

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Cinnamomum camphora



PHOTO CREDIT: SELECTREE.CALPOLY.EDU

Quercus agrifolia



PHOTO CREDIT: LAS PALITAS

PLANTING: SHRUBS FOR HILLSIDE STABILIZATION

Diplacus spp.



PHOTO CREDIT: CALSCAPE

Eriogonum parvifolium

Penstemon spp.



PHOTO CREDIT: LAS PALITAS

Encelia californica



PHOTO CREDIT: ROBERT PERRY

Shallow + Fast Growing



PHOTO CREDIT: CALSCAPE

Malacothamnus fasciculatus



PHOTO CREDIT: LAS PALITAS

Rhus ovata



PHOTO CREDIT: LAS PALITAS

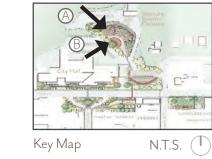
Typically percent slope determines access and therefor maintenance, availability of water etc. also important to note is soil type and sun exposure. Shrubs should be chosen for the depth of their roots so as to occupy different depths of soil thus binding the soil together. Establishment period and appropriate mulch are two other critical factors when planning for sustainable erosion control through vegetation.

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PERSPECTIVE: CANYON TERRACING Кеу Мар N.T.S. (T) Detail of Woven Steps VENTURA BOTANIC GARDENS Early Hand Rendering

А

PERSPECTIVE: CANYON TERRACING





В



39

SUCCESSIONAL CHANGE + FIRE ECOLOGY

According to Frederick Clements, **Succession** is an:

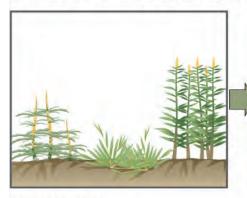
 orderly process of community change which is reasonably directional and predictable 2) resulting from the modification of the physical environment by the community which creates conditions suitable for the establishment of another community, and
ultimately reaching a stable ecosystem stage (climax community) (Clements 1916, 1936)

Unique from other kinds of change with regard to mechanisms (community), trajectory (orderly, predictable), and end point (stable ecosystem).

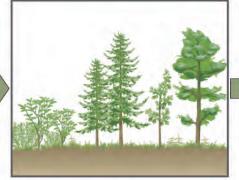
Why is this important?

Understanding successional change and the role of disturbance is pivotal when managing environmental challenges; Shifting definitions of this process have had a consequential impact on our land management strategies, and for example explain the difference between controlled burning and fire suppression. With more empirical research we are grasping the complex web of factors involved in the evolution of ecosystems and our environmental policies are slowly reflecting the science. Although a consensus has not yet been found, observing and researching patterns in the landscape as we face wider environmental challenges can only be useful.

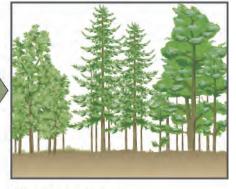
Secondary Succession of an Oak and Hickory Forest



Pioneer species Annual plants grow and are succeeded by grasses and perennials. IMAGE CREDIT: WIKIPEDIA



Intermediate species Shrubs, then pines, and young oak and hickory begin to grow.



Climax community The mature oak and hickory forest remains stable until the next disturbance.

PLANTING: FIRE ADAPTED SHRUBS

Lavandula



PHOTO CREDIT: READYFORWILDFIRE.ORG

Salvia



PHOTO CREDIT: READYFORWILDFIRE.ORG

Cercis occidentalis



PHOTO CREDIT: READYFORWILDFIRE.ORG

Mimulus



PHOTO CREDIT: READYFORWILDFIRE.ORG

Ceanothus



PHOTO CREDIT: READYFORWILDFIRE.ORG

Zauschneria



PHOTO CREDIT: READYFORWILDFIRE.ORG

Select high-moisture plants that grow close to the ground and have a low sap or resin content. Choose species that resist ignition such as rockrose, ice plant and aloe. Select fire-resistant shrubs such as hedging roses, bush honeysuckles, currant, cotoneaster, sumac and shrub apples. Plant hardwood, maple, poplar and cherry trees that are less flammable than pine, fir and other conifers (readyforwildfire.org)

Kate Hamilton

ENLARGEMENT: MARKET AND PARK



Kate Hamilton

Scale: 1" = 30'

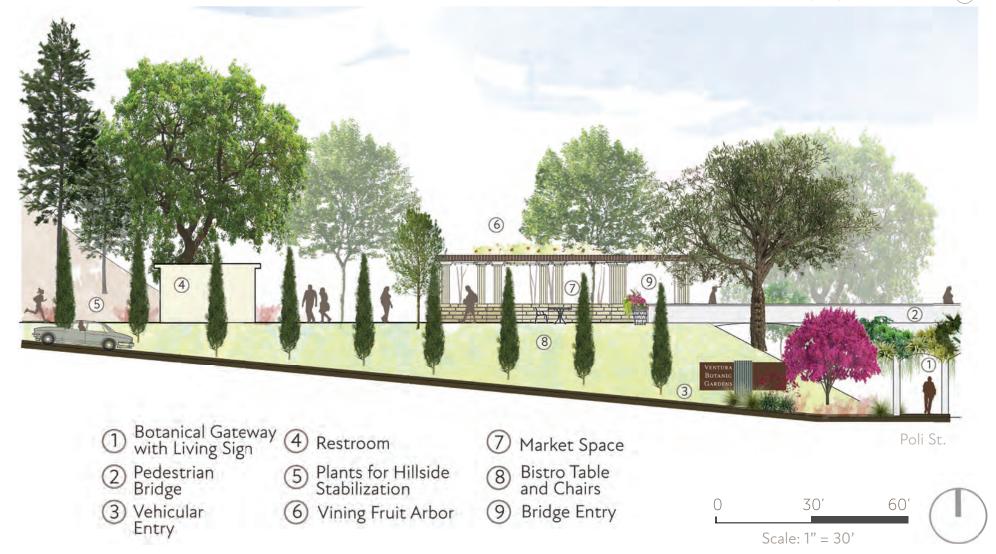
C2-

N.T.S. (T)

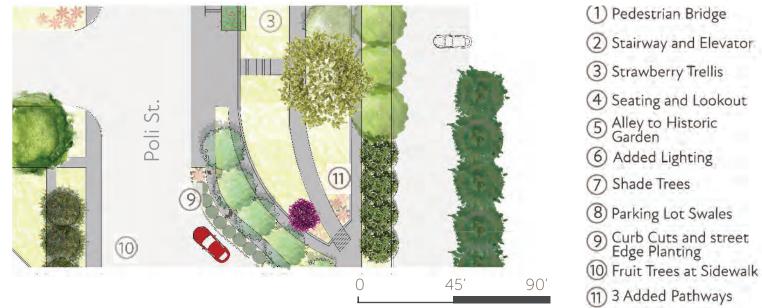
SECTION: MARKET + PARK





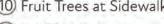


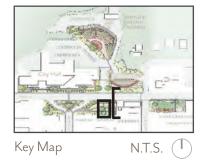
SECTION + ENLARGEMENT: EAST WING









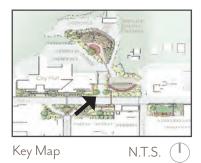


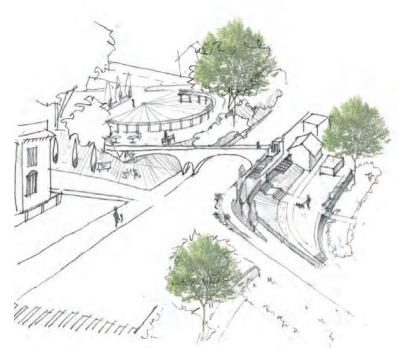


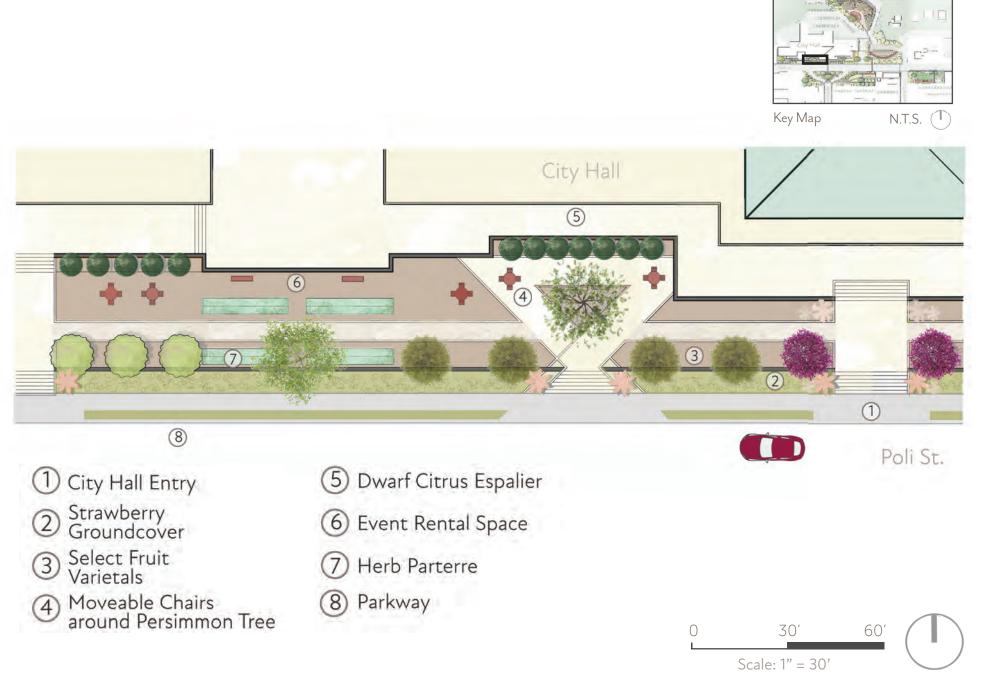
Scale: 1" = 30'

PERSPECTIVE: BRIDGE AND EAST WING



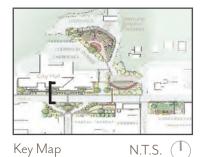


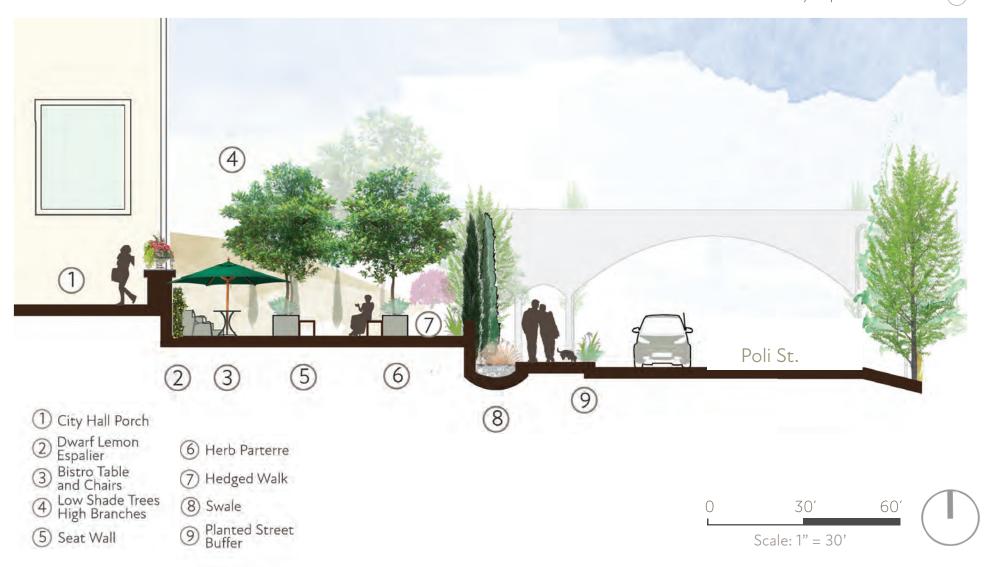




ENLARGEMENT: CITY HALL

SECTION: CITY HALL





Kate Hamilton

Weaving Ventura | Capstone Summer 2020



Kate Hamilton

Weaving Ventura | Capstone Summer 2020

PLANTING: HISTORY WALK

NM Hatch Chilis



PHOTO CREDIT: TRESHA BARGER

Morning Glory 'Heavenly Blue'



PHOTO CREDIT: EDEN BROTHERS

Heliotrope 'Marine Blue'



PHOTO CREDIT: OSC SEEDS

Rainbow Cosmos



PHOTO CREDIT: ALIBABA

California poppy mix



PHOTO CREDIT: EDEN BROTHERS

Petunia 'Double Cascade `Burgundy'



PHOTO CREDIT: HARRIS SEEDS

Hatch chilis to celebrate the Ortega family and Ipomoea tricolor 'Heavenly Blue' created by Theodosia Shepard herself are included in the plant palette as well as other species Mrs. Shepard enjoyed including heliotrope as it was said she had a 100' hedge of heliotrope bordering her house.

Kate Hamilton

ENLARGEMENT: COMMUNITY VENTURE GARDEN



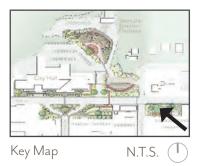
Key Map

- History Walk with Theodosia's 'Good Venture' cultivars + story of Shepard Seed Co.
- (2) Entry Sign
- (3) Public Patio
- (4) Main Public Stairway
- (5) Restaurant Garden
- 6 Sq. Foot School Farm
- (7) Art Studio
- (8) Outdoor Classroom
- (9) Storage Shed and Restaurant entrance
- (10) Demonstration Kitchen
- Green Roof on Tool Shed (11)
- 12 Hatch Chili Tribute to Ortega Family Row of Fruit Trees (13)





PERSPECTIVE: COMMUNITY VENTURE GARDEN

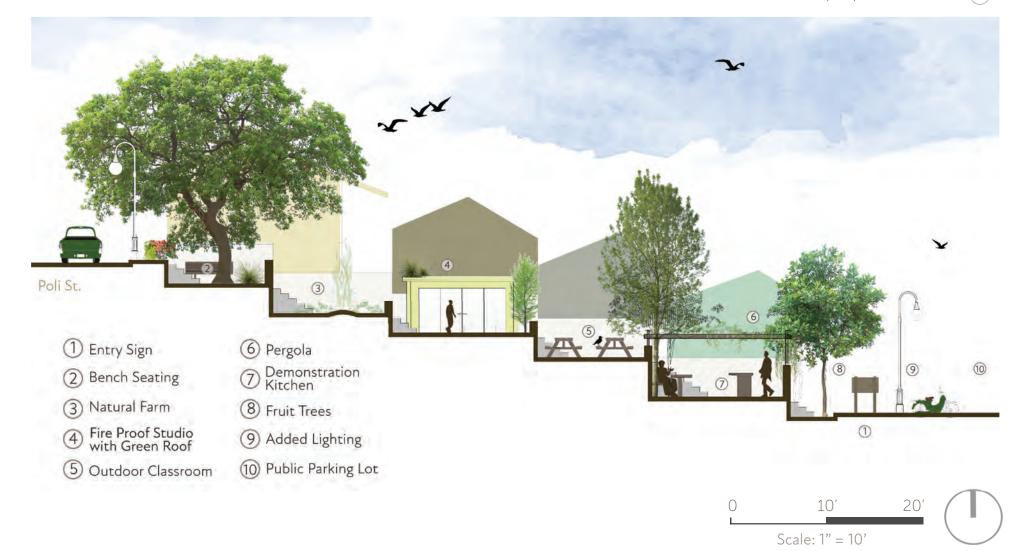




SECTION: COMMUNITY VENTURE GARDEN



Key Map



PLANTING: BASKETRY + NATIVE SPECIES

Juncus textilis



PHOTO CREDIT: CALSCAPE.ORG

Frangula californica



PHOTO CREDIT: SMGROWERS

Umbellularia californica



PHOTO CREDIT: SELECTREE

Salvia mellifera



PHOTO CREDIT: LAS PILITAS

Eriogonum fasciculatum



PHOTO CREDIT: LAS PILITAS

Salvia spathacea



PHOTO CREDIT: CALSCAPE

WAYFINDING AND MIXED USE



IN CONCLUSION

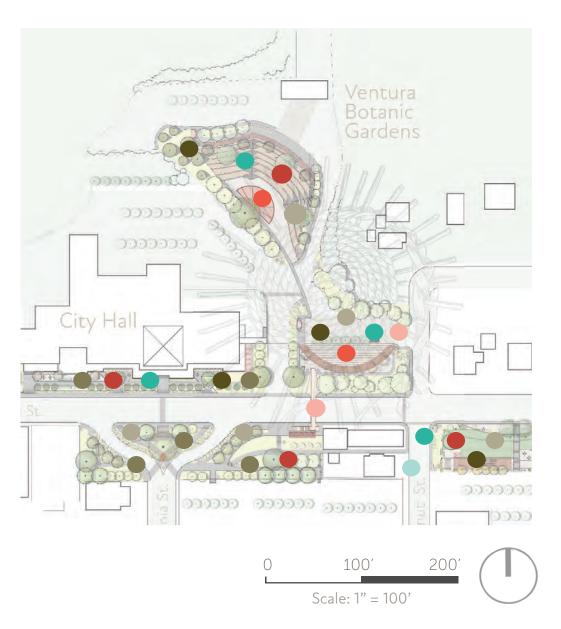
GOALS + OBJECTIVES

USE available rain water

- UPDATE City Hall Landscape
- **DEMONSTRATE** sustainable land management

LOCATE + ACCESS VBG from Poli St.
RETROFIT large open spaces
SUPPORT community health

TEACH history of Ventura
CONNECT people to place
ENCOURAGE local food



REFERENCE LIST

https://www.vcpublicworks.org/interactivemaps/ https://www.cityofventura.ca.gov/DocumentCenter/View/3090/Ortega-History-PDF https://www.cityofventura.ca.gov/485/General-Plan http://pwaportal.ventura.org/WPD/dept/WRT/VCRatUserManual_2017Final.pdf https://www.ventura.org/agricultural-commissioner/ http://www.farmbureauvc.com/county-crop-data Wikipedia contributors. "Theodosia Burr Shepherd." Wikipedia, The Free Encyclopedia. Wikipedia, The Free Encyclopedia, 5 Jun. 2020. Web. 14 Jun. 2020. https://fmds.water.ca.gov/maps/damim/ https://vcfd.org/fire-prevention/fire-hazard-reduction-program-fhrp https://flamasurf.com/content/9-wood-surfboards https://www.venturabotanicalgardens.com/assets/files/VGB_Presentation_Slides.pdf http://landezine.com/ https://vcfd.org/fire-prevention/fire-hazard-reduction-program-fhrp https://www.census.gov/quickfacts/venturacountycalifornia https://www.pps.org/article/what-is-placemaking Blog: https://artpredator.com/2014/05/10/mothers-day-celebration-for-mother-of-flowers-theodosia-burr-shepherd/ The National Academies of Sciences Engineering Medicine, transportation research board: https://trid.trb.org/view/104325 https://www.nfpa.org/Public-Education/Fire-causes-and-risks/Wildfire/Preparing-homes-for-wildfire https://www.livingwithfire.com/ The Thomas Fire: storymaps.arcgis.com https://www.noozhawk.com/article/santa_barbara_county_thomas_fire_evacuation_zones Tending the Wild, M. Kat Anderson Designing Urban Agriculture, April Phililps

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