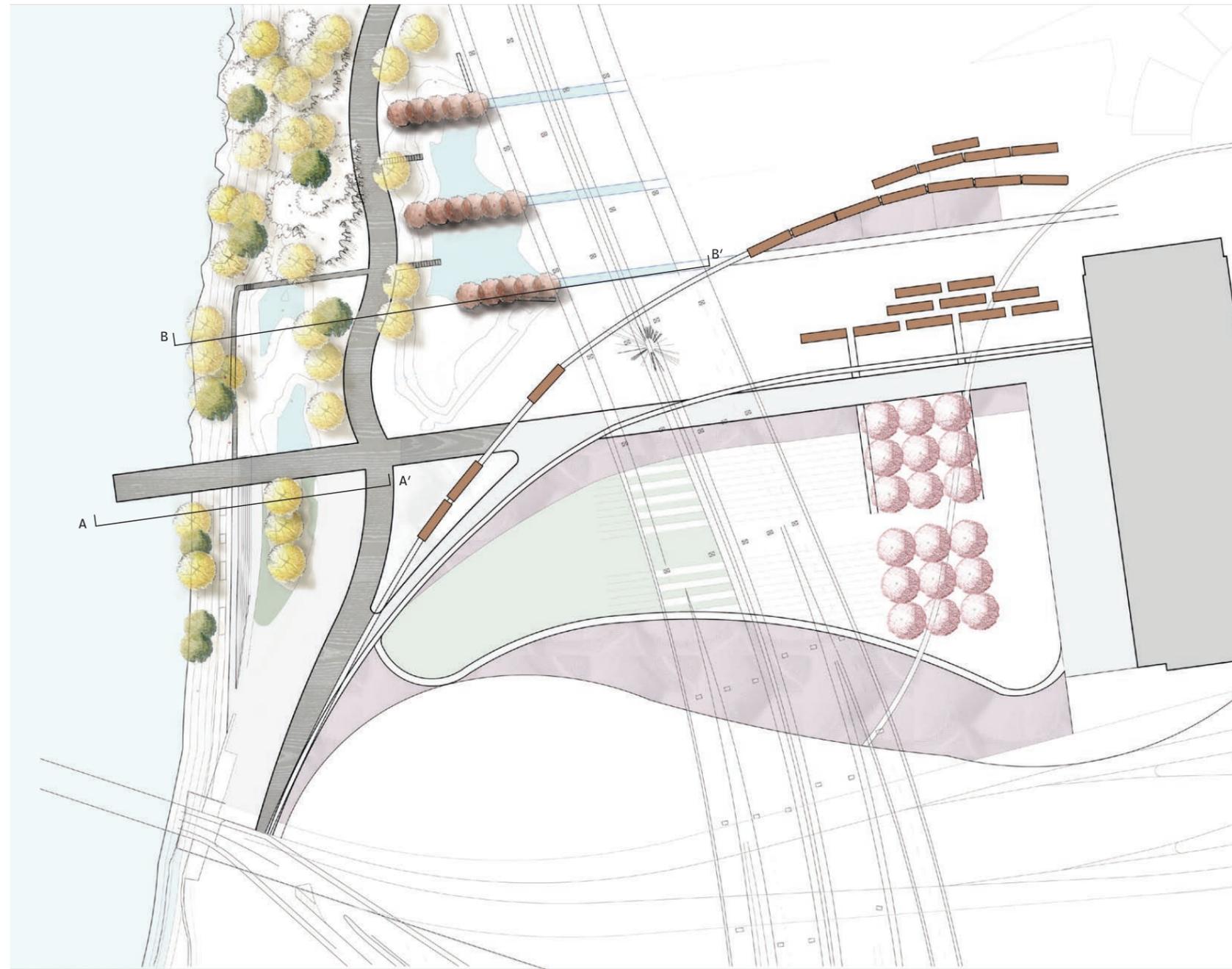


STACEY McLEAN

Portfolio of Work



Planting zones



Circulation diagram

Plant palette



Ceanothus spp.
Wild Lilac



Sambucus nigra L. ssp. caerulea
Blue Elderberry



Eriogonum giganteum
St. Catherine's Lace Buckwheat



Briza minor
Quaking grass



Cercis occidentalis
Western Redbud



Festuca rubra
Red Fescue

Sacramento Railyards

The site was a Brownfield connecting a restored railyard building, slated to be a railroad museum, to the Sacramento river. The design included native habitat restoration & stormwater management, as well as public spaces for viewing historic structures, wildlife and existing train movement. Additional active spaces included an informal playing field, public plaza & a train car glass house used to propagate native plants for demonstration gardens.



Section A - A'

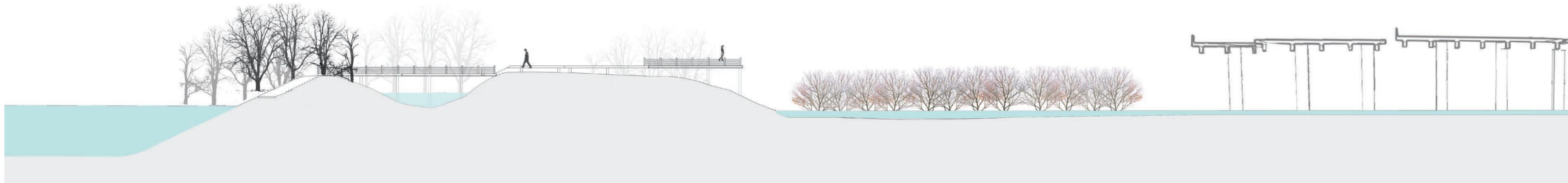


Perspective view from natural area boardwalk, looking toward the city

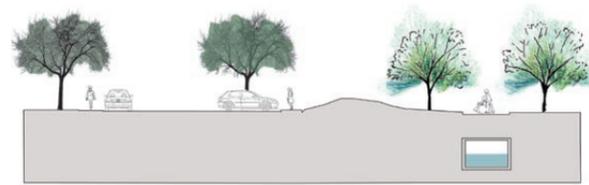
- Plan area
- 1 - American badger
- 2 - Cooper's hawk
- 3 - Elderberry Savanna
- 4 - Great Valley Cottonwood Riparian Forest
- 5 - Sacramento splittail
- 6 - Sanford's arrowhead
- 7 - Swainson's hawk
- 8 - bank swallow
- 9 - burrowing owl
- 10 - giant garter snake
- 11 - great blue heron
- 12 - great egret
- 13 - purple martin
- 14 - rose-mallow
- 15 - tricolored blackbird
- 16 - valley elderberry longhorn beetle
- 17 - vernal pool fairy shrimp
- 18 - white-tailed kite



Special status species on site



Section B - B'



Section B - B' of narrowed street and parking configuration



Perspective of Honey Locust ale



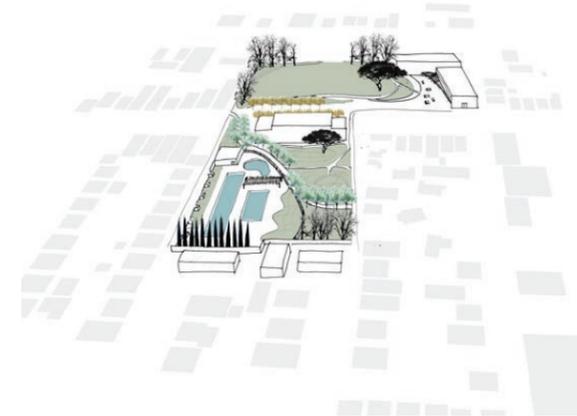
Perspective of plaza

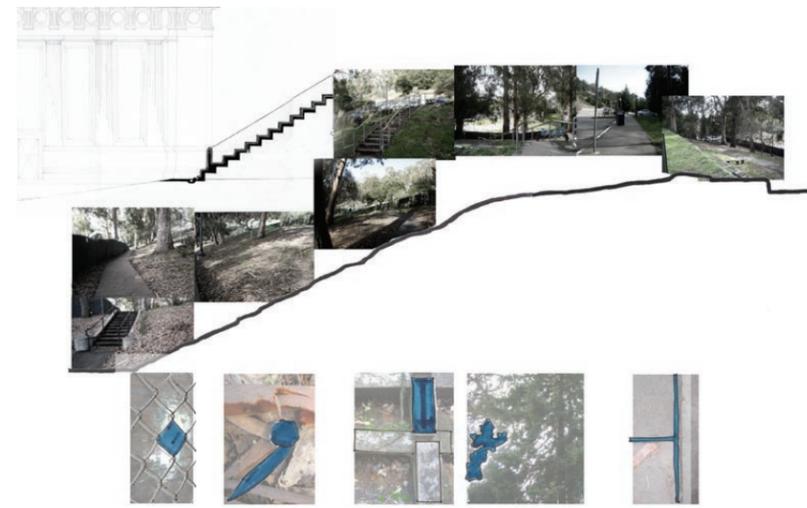
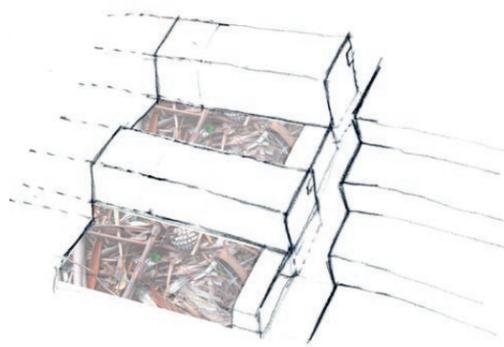


Section A - A'

Burbank Park- Berkeley, CA

This proposal addressed a rare central parcel of land that was being re-developed into a park. The design included a new swim center, unprogrammed playing fields and a plaza adjacent to restored buildings to be used as artist studios and classroom space. There was also an alee/ market space that referenced the road that previously cut through the site as well as a path that followed an underground culverted stream.

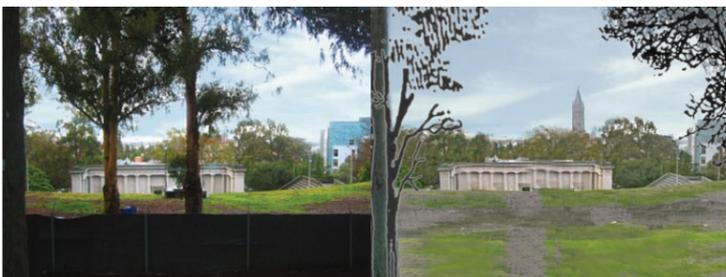




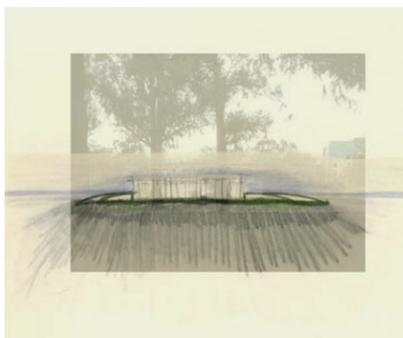
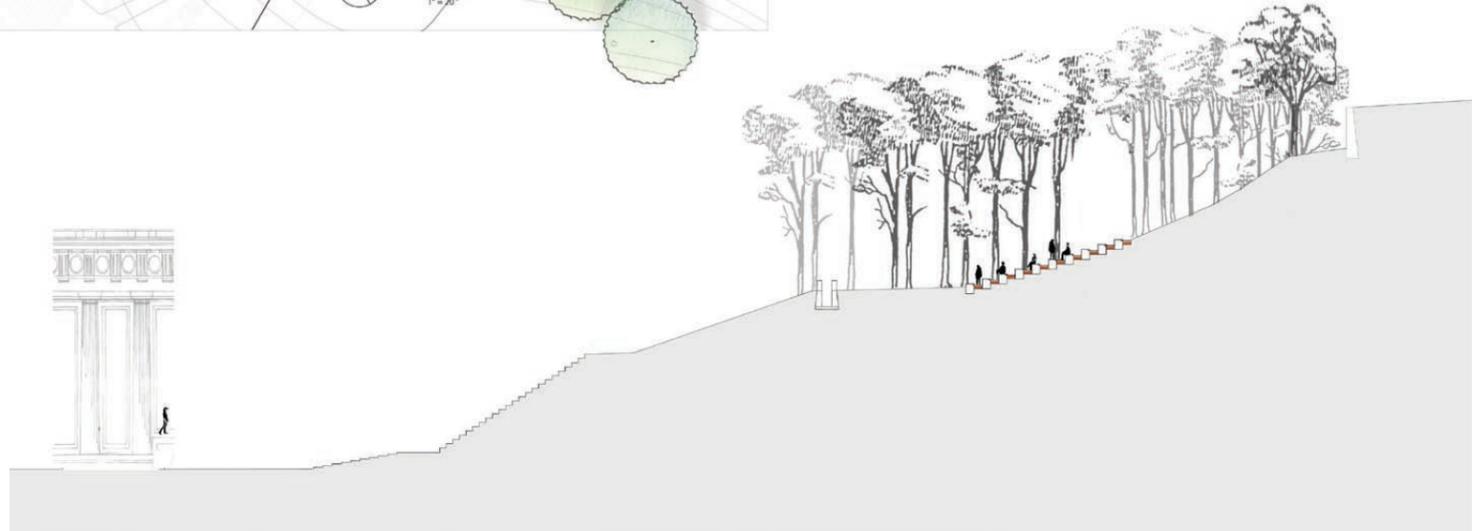
Slope and light studies

Above the Greek Theater- UC Berkeley

The design reshaped the dark hillside just above the theater to accommodate unofficial listeners and to allow visual access to previously obstructed views of the campus and bay. Seat wall terraces were graded and shaped to fit with existing topography. Other design elements included lighting and leaf "bays" to collect leaf litter utilized as mulch pathways for the terraces.

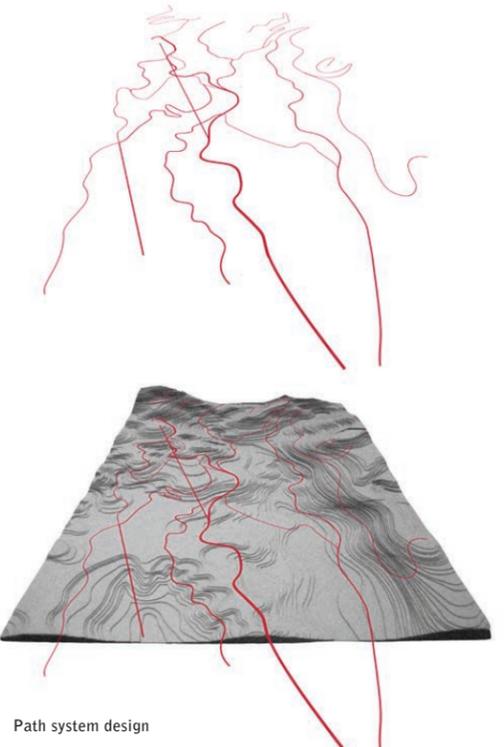


View corridor before and after

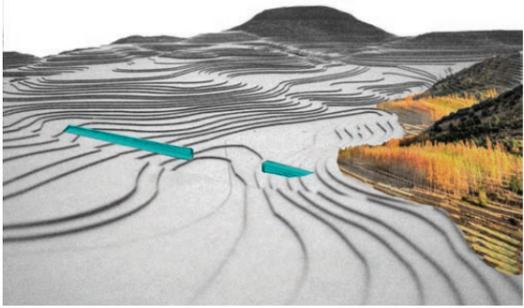


Initial site impressions

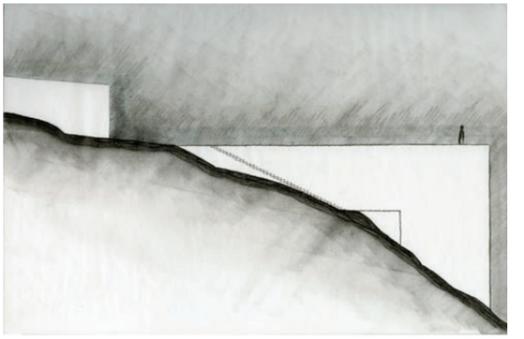




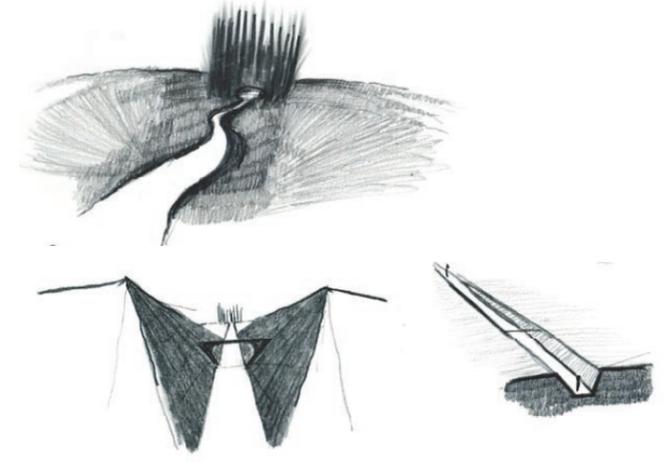
Path system design



Concept for river overlook



Section through overlook and processional path entrance



Post-Oil Settlement- Southern Spain

In this conceptual 1000 acre master plan, we created a design for a post-oil community. My strategy focused on circulation network for a non-auto society, as well as planning for self-sufficient farming in a Mediterranean climate. The second phase of the design further developed a processional path leading to a ceremony site above the community.

Design Workshop: Dadun, China

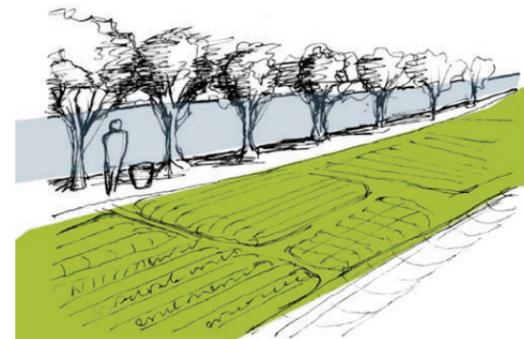
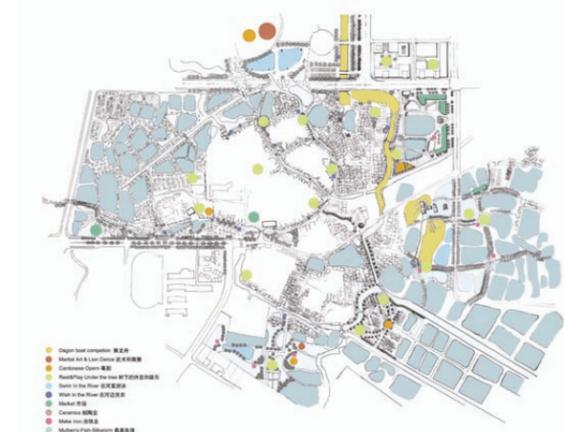
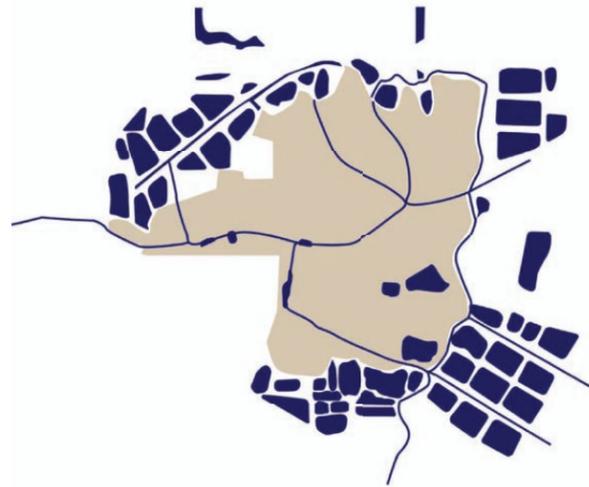
The three week workshop was a collaboration with Chinese design students and sought to integrate, both environmentally, culturally and aesthetically, an ancient canal village with a new, large-scale city grid planned for development. There were six teams of students addressing issues such as hydrology, morphology and landscape design. My team developed design strategies for the edge of the village.



The Fishpond Ecosystem: Dadun, China

My design contribution was on the South east edge of the village and sought to reintegrate the traditional Mulberry Dike Fish Pond with the village edge, as well as encroaching new development. This is a closed-loop farming tradition that utilizes Mulberry leaves to feed silkworms, silkworm waste to feed fish below the Mulberry rows and finally, fish-pond sludge to fertilize the Mulberry trees.

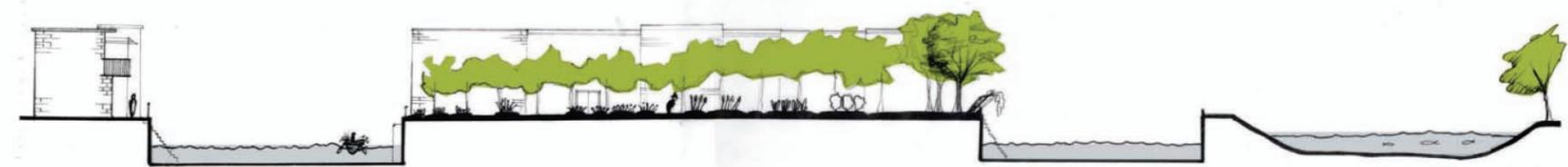
水环村 . 村环水
Water Around the Village. Village Around the Water



Perspective key



Section A - A'



Section B - B'

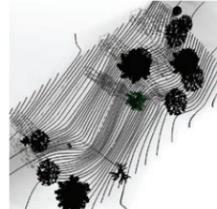


Site context within Oakland

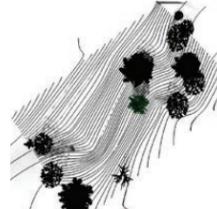


Plan diagram within neighborhood context

Shadow Studies



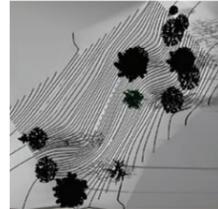
Summer 9:30 am



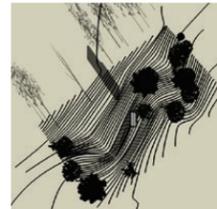
Summer 12:30 pm



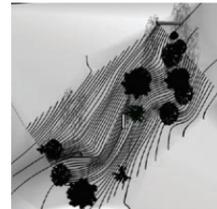
Summer 3:30 pm



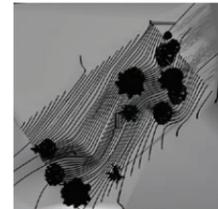
Summer 5:30 pm



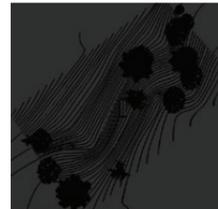
Winter 9:30 am



Winter 12:30 pm



Winter 3:30 pm



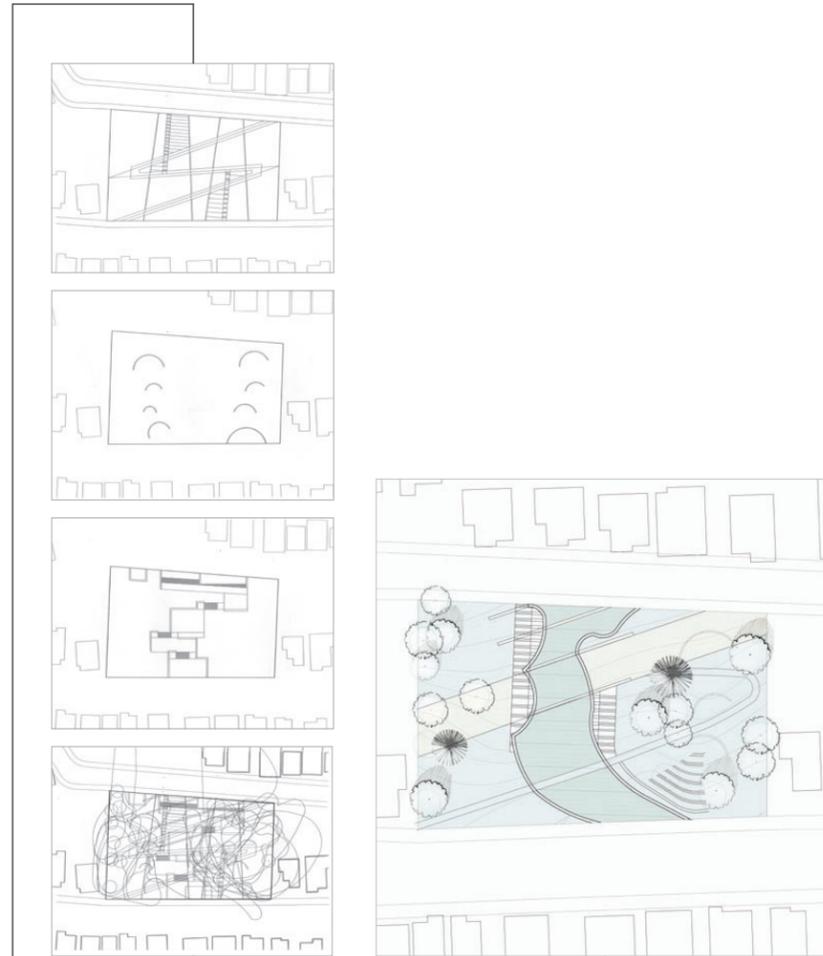
Winter 5:30 pm



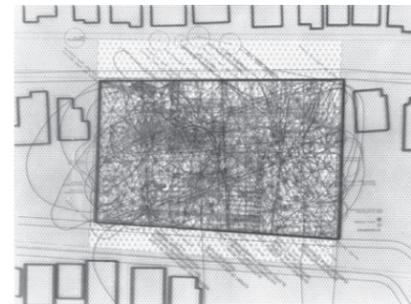
Sun Corridor- Jungle Hill, Oakland, CA

This design exercise addressed a site on a steep hillside in a residential area of East Oakland. The vacant lots have been cared for as an informal park by community members for years. Our task was to become familiar with a singular aspect of the site and pass this information on to fellow students in the form of a line drawing. In all there were eleven layers of "expertise" that we were assigned to integrate in some form into our final design. My emphasis was light and shadow, which I studied on site and then mapped in three dimensions using SketchUp. The final design integrated a corridor of year round sun with fellow students' circulation, hydrology and terracing concepts.

Synthesis



Process



Composite of all students' areas of focus

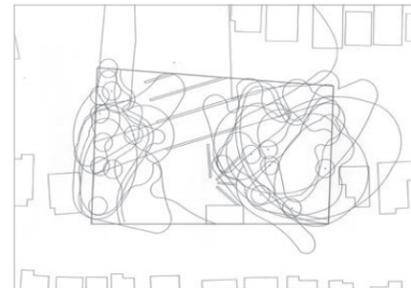


Diagram of my topic: the movement of shadows



Balmy Alley, San Francisco

Initially a group project and analysis, the goal was to create a storm water system or "green street" for an alley in the Mission district known for its murals. Our group started by analyzing site conditions such as street topology and facade profiles, existing green spaces and hydrology. The second phase of the project was an individual design for the alley.



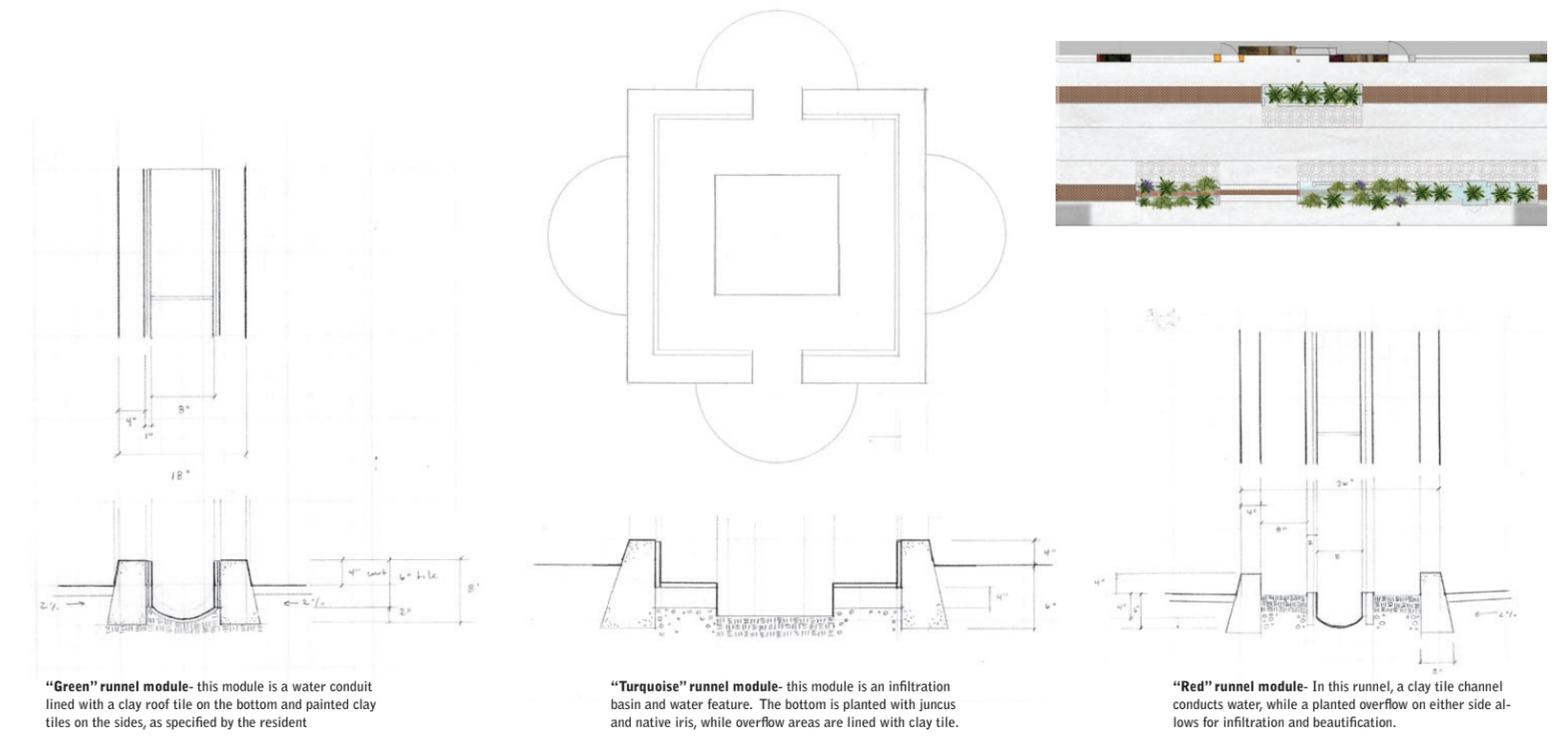
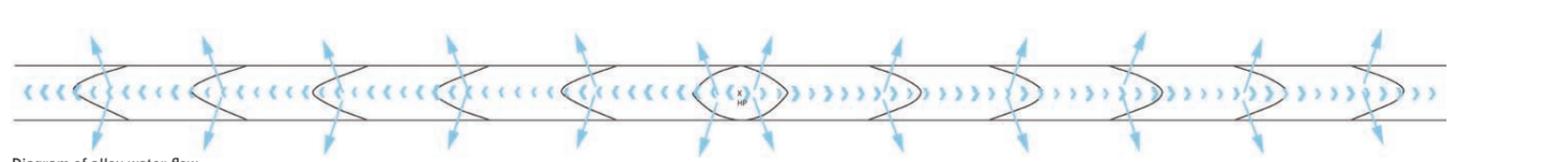
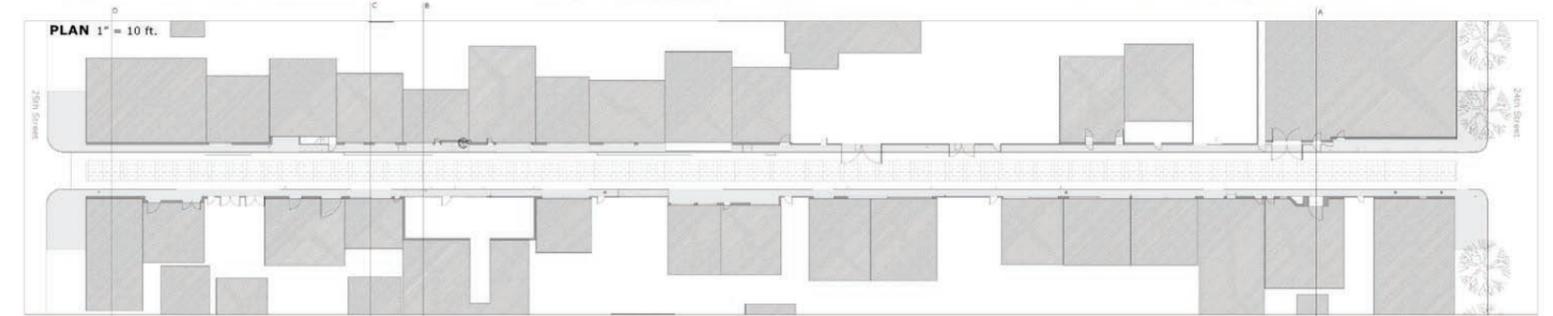
Balmy Alley, San Francisco

In the individual design phase, I developed a system of modular runnels that directed both storm water and roof water runoff through a series of planted infiltration basins. A suggested materials palette was developed based on observations of local streetscape preferences, with residents having the option to embellish and care for the system, much like the murals. The alley was also reconfigured to create a shared space between pedestrians and traffic.



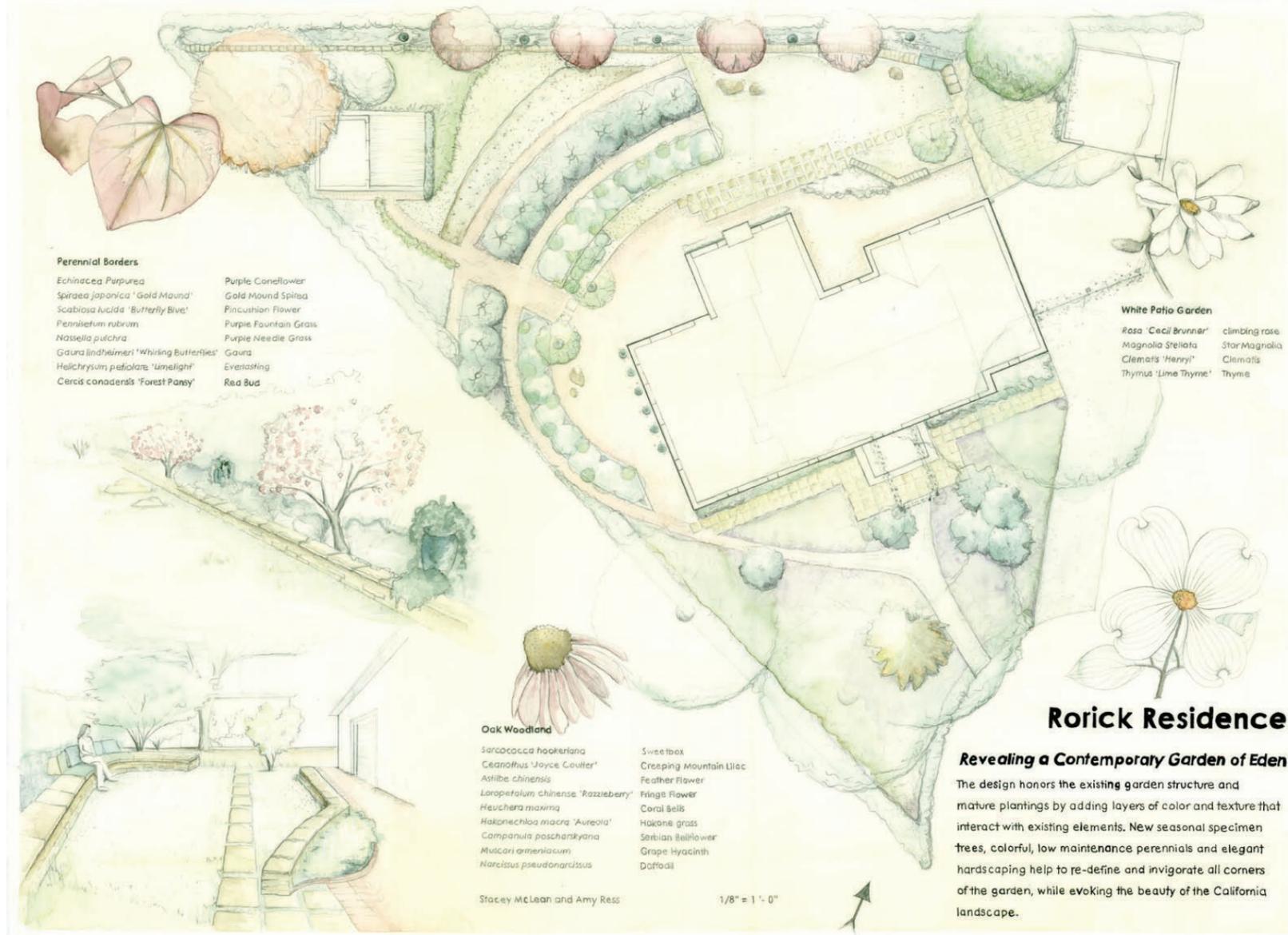
Perspective illustrating the "green" and "red" modules

Analysis of Existing Conditions



San Francisco Garden Club Competition

As a team of two, we re-designed the landscape around a mid-century home in an oak wooded area of Marin county, focusing in particular on updating the garden with native and microclimate-specific plants, as well as adding functional, flexible spaces for the residents.





EDUCATION

Masters of Landscape Architecture, University of California Berkeley 2008
Bachelors Degree in Studio Arts, emphasis in Sculpture- University of Colorado 1997
 Horticulture & Plant Sciences- 1 year University of Colorado
 Volunteer at University of Colorado greenhouse- 1 year
 Biology, Ecology & Plant Sciences- 1 year Mills College

EXPERIENCE

Lutsko Associates Designer

Main project was a botanic garden nursery and center for sustainability. Assisted in all phases of design, from schematic through construction documents; including grading, studies of fencing systems and integrated retaining walls and ADA requirements. Also worked closely with architect to implement LEED Platinum strategies. Other clients included Mills College and residential projects that utilized native and drought tolerant plants.

SurfaceDesign Intern

Performed general design and support tasks such as concept sketches, preparing base maps, assisting in the submission of materials for design competitions. In addition, initiated a new browsable image database.

China Design Workshop Participant, Guangzhou led by Professor Peter Bosselmann. The three week workshop collaborating with Chinese design students sought to integrate, both environmentally, culturally and aesthetically, an ancient canal village with a new, large-scale city grid planned for development.

Teaching Assistant Drawing the Landscape course, Professor Chip Sullivan

Helped give feedback on students' drawing projects, assisted during class drawing trips. Facilitated the documentation of student work and gave a lecture/ workshop on book arts.

Lutsko Associates Intern

Assisted Landscape Architects, including preliminary planting plans. Assisted in the completion of a LEED certification process. Also researched materials and resources for custom design elements. Maintained slide library & worked on plant image database.

Thornhill Nursery Nurserywoman

Worked as retail associate to assist customers in plant selection and care. Tracked sales of cultivars and researched native plants for microclimates in the Oakland hills.

TECHNICAL SKILLS

Applications

CAD, Photoshop, Illustrator, InDesign, SketchUp, ArcGIS

Design skills

- Visual fluency throughout the design process: from analysis to the hand-drawn, conceptual development phase, all the way through to collaged plan and perspective renderings
- Knowledge of plants, both their design applications and cultivation

AWARDS

- Design Award- San Francisco Garden Club competition
- Beatrix Farrand Fellowship, Department of Landscape Architecture, University of California
- Departmental Fellowship, Landscape Architecture, University of California, Berkeley
- Academic Scholarship, Mills College

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