

Portfolio of Tim Zhang

www.timzhang.net

Resume of Tim Zhang

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Education

California State Polytechnic University, Pomona
-Undergraduate in Landscape Architecture;
~ Degree : Bachelor of Science

Computer Skills:

-AutoCad, Adobe Photoshop, Sketchup, 20-20 Design

Additional Skills:

-Fluent in English and Chinese
-Proficient in hand sketching and computer aided drawing

Work

Arroyo Group, Urban Planning & Design (October 2009 - Present)

-Design intern
-Researcher

Morning Sun Garden, Landscape Design (August 2009 - Present)

-Associate designer
-Site supervisor

Elite Kitchen Inc., Kitchen and Interiors (August of 2008 – Present)

-Head designer
-Supervisor during installation
-Marketing direction

City of Changchun, China, Department of Personnel (June 2005- August 2005)

-Contract translator (Chinese to English)
-Gave English speaking lessons to important staffs

Mayflower Inc., General Construction (July of 2007 – August of 2008)

-Drafter
-Supervisor during installation
-Customer service

J.C. Optical, Optometrist Office (June of 2006-August of 2007)

-Major office works, sales direction
-Technical operations with machines

Viral Green 后海胡同 Beijing Hutong Redevelopment

Concept Statement: To infiltrate natural systems into a dense urban environment while preserving the existing historical fabric

During the senior year of my Landscape Architecture program, I studied abroad with a team of Architecture students and Urban & Regional Planning students in Beijing, China. Working with students of these two fields gave me great satisfaction in exploring the two fields. We were each in charge of different tasks necessary to complete the project. My duty as the only Landscape Architecture student in the group of seven consisted of site planning and creating recreational spaces. All of the design work and majority of the writing was completed within 5 days as we studied in the NCUT University of Beijing. This project was perhaps the most comprehensive project I have ever done, for we had to simultaneously design the landscape with the architecture in a regional aspect. The final presentation received much positive feedback and praise from the Chinese students and professors, and was elected as future lecture material for NCUT University's classes to learn about America's thought process in designing.



Intensive and extensive green roofs can be installed on commercial structures. Sustainable values of green roofs include storm water collection, building insulation, and urban heat island reduction. Storm water drainage from roofs and the surrounding mixed use sites can be captured and harvested for re-use in landscaped areas through low-flow irrigation systems. Additionally, photo voltaic panels can be installed on green roofs to generate renewable energy while providing shade for rooftop recreation. ▶



To maintain the essence of the area by preserving the main concepts of the hutongs, rather than imitating them, these two-story homes are designed to encourage community involvement by introducing various courtyards supporting the concept of quadrangles. The housing units are juxtaposed to allow maximum sunlight exposure and further supported by large ceiling-to-floor windows. ▶



Community vegetable garden planters are used to promote community-based food production, improve nutrition through increase access to fresh produce, encourage outdoor activities, support preservation of small farms producing a wide variety of crops, reduce the negative environmental effects of large-scale industrialized agriculture, and support local economic development that increase the economic value and production of farmlands and community gardens. ▶



The project site's commercial success is mainly due to the availability of nightlife attractions such as bars and restaurants. The community vegetable garden is used by local residents for small food production and outdoor exercise opportunity by day, and artistic display of collectivist spirit in agriculture by night. This way, the space is truly multi-functional and dynamic in nature. ▶



City of La Verne Downtown Redevelopment

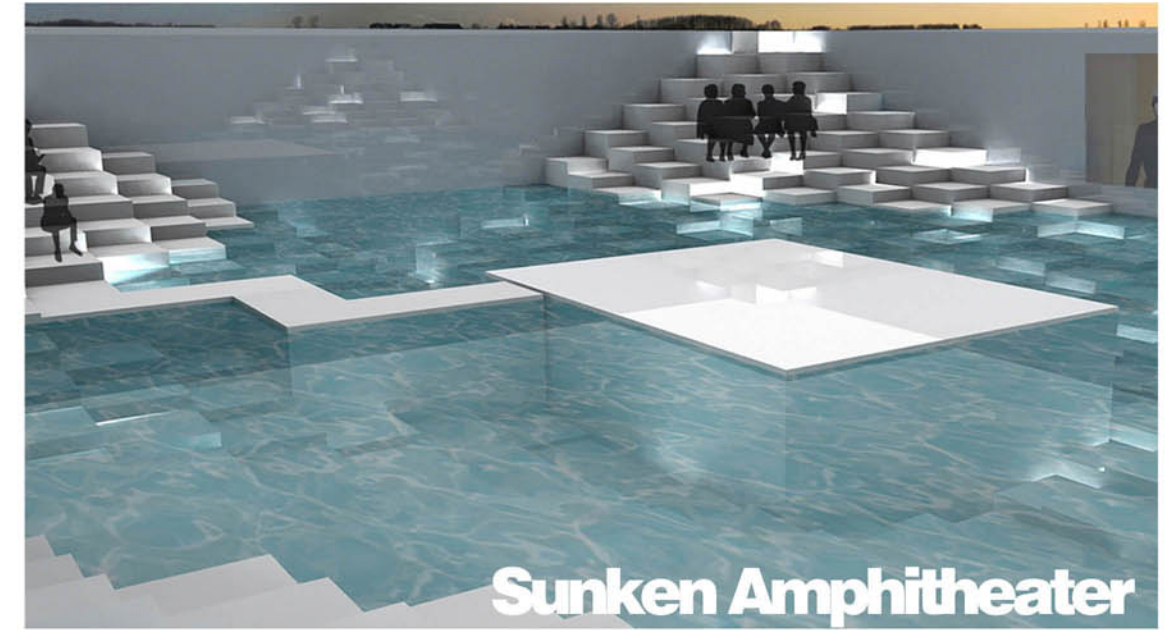
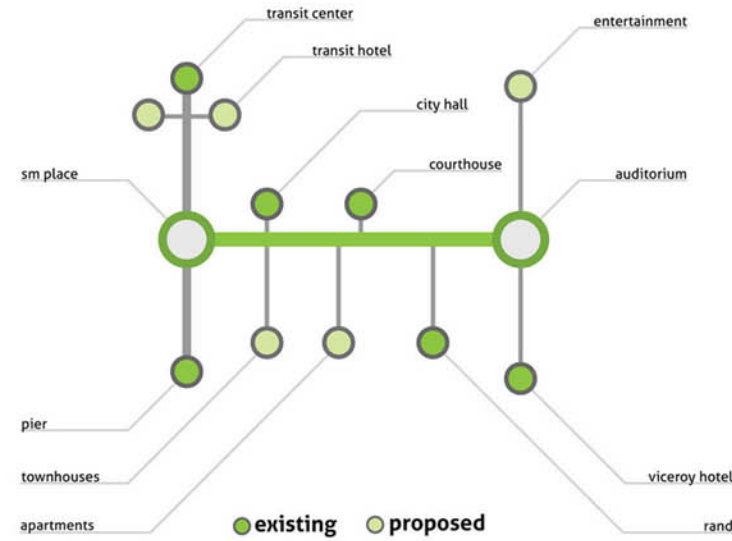
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The Old Town La Verne project is a well conceived and sustainable project with components that potentially will have substantial environmental and social benefits for the immediate neighborhood, La Verne, and the surrounding region. By locating jobs, residences, and transit centers proximate to each other, La Verne can limit automobile trips and the associated greenhouse gas emissions. Mixed-use development and carefully designed streetscapes can encourage walking, bicycling, public transportation, and civic engagement. By encouraging green neighborhood development La Verne can preserve its open space, historical, and natural resources. Green neighborhood developments benefit the community and individual by enhancing the character of a neighborhood, improving public health, and enabling a variety of residents to participate in the community.



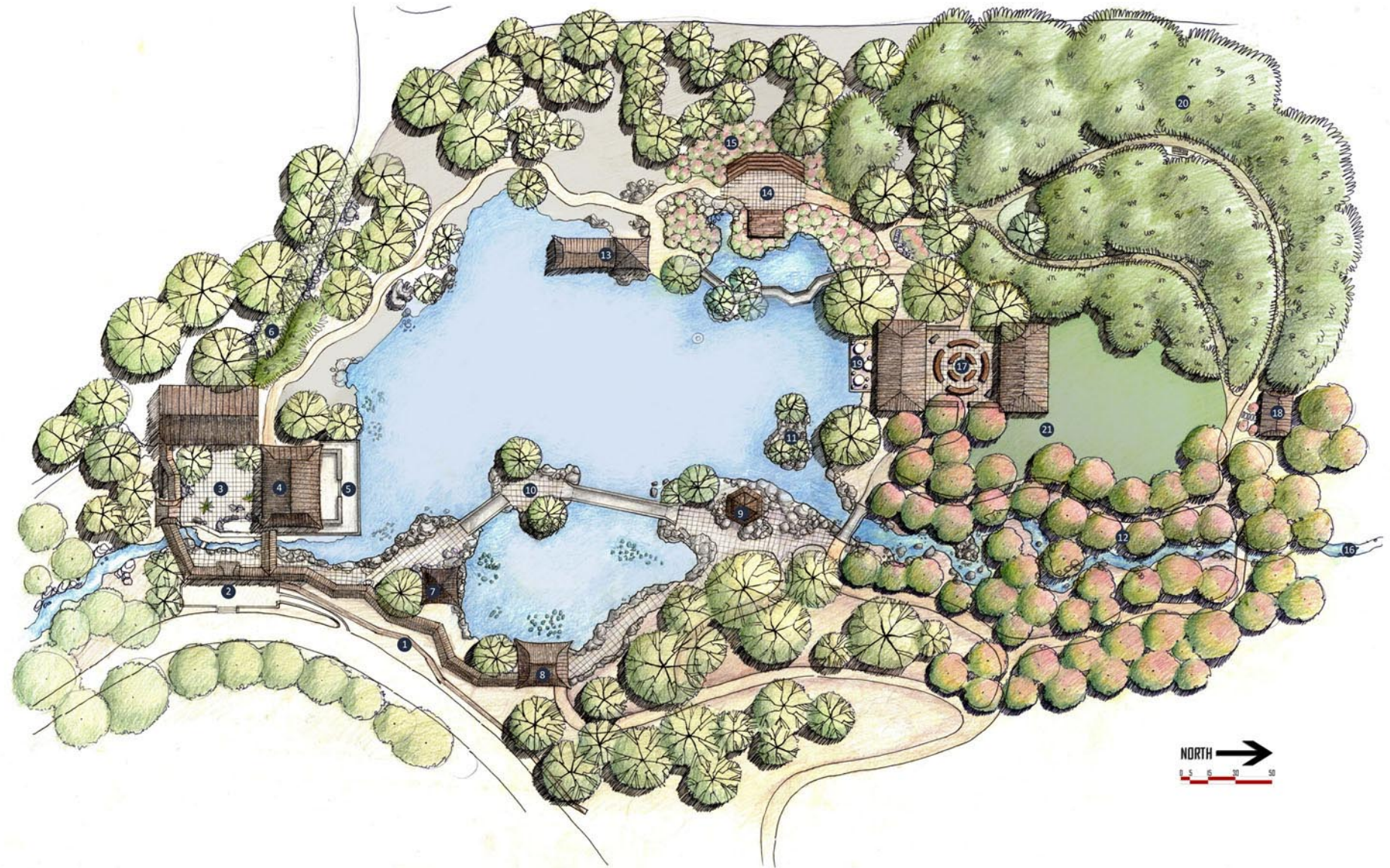
Santa Monica Town Square

The goal of this project is to reconnect the disjointed and scattered elements that currently occupy the civic arena of Santa Monica through the introduction of a major pedestrian axis connecting the commercial out pour of the third street promenade with the civic auditorium, establishing in affect a green mall to celebrate the city's civic center. A regulating grid is used to define additional development within the accepted parameters of urban design and the resulting programmed spaces are reduced and subtracted to provide for equally programmed and linked open spaces. Further connections are made with the introduction of a commercial pedestrian axis from the transit center development to the Santa Monica pier district providing a much needed connection from the main method of arriving to Santa Monica in the future to its most cherished destination.



Garden of 流香园 Flowing Fragrance Huntington Library Chinese Garden

- ① Wall of the Colorful Clouds
- ② Main Entrance: Another World Lies Beyond
- ③ Plantain Court
- ④ Tea House
- ⑤ Terrace that Invites the Mountains
- ⑥ Green Service Road (Grass pavers)
~ The grids pavers can be filled with soil and turfed as the hexagonal honeycomb cell structure and open base promotes unrestricted root growth. These pavers are perfect for vehicular access while looking like a lawn. Visitors to the garden passing by will not think of this road as an actual road, and will be discouraged to step onto this road due to the grown grass.
- ⑦ Terrace of the Jade Mirror
- ⑧ Love for the Lotus Pavilion
- ⑨ Pavilion of the Three Friends
- ⑩ Isle of Alighting Geese
- ⑪ Isle for Welcoming Cranes
- ⑫ Peach Grove (*Prunus Persica*)
~ The peach tree is a tremendous Chinese symbol for longevity as well as other auspicious attributes. Each element of the peach tree has significant meaning. The wood of the tree was said to ward off evil, and ancient warriors would craft weapons from the wood. Taoist magic was made with the petals of the peach blossoms - the effects were known to put men into an intense trance of love.
- ⑬ Boat Pavilion
- ⑭ Amphitheatre & Stage (Cedar wood)
~ This wood amphitheatre is placed here due to the natural topography of the existing site. The existing bridge behind the stage area can provide the alternate route during performances, and has the opportunity to provide an alternate perspective of the performance.
- ⑮ Azalea Field (*Rhododendron* sp.)
~ The azalea provides a brilliant motif in traditional Chinese painting and artistic decoration. It is an emblem of the fair sex.
- ⑯ The Flower Washing Brook
- ⑰ Penjing Courtyard
~ This enclosed courtyard protects the penjings on the shelves from theft. The southern structure serves as a resting spot, and the northern structure serves as a storage house for the penjings and other maintenance equipments.
- ⑱ Shrine of Laozi (太上老君)
~ Laozi was the founder of Daoism, emphasizing the bond between people and nature, and that this link lessens the need for rules and order, leading one to a better understanding of the world and one's surroundings.
- ⑲ Terrace that Leads the Mountains
- ⑳ Bamboo Forest (*Phyllostachys bambusoides*)
~ The poet Bai Juyi of the Tang Dynasty (618-907) describes bamboo in the story called "Planting bamboo": bamboo is firm, straight, empty inside, divided into segments. So the poet related these features to people's moral characteristics such as grittiness, uprightness, modesty and openness because they are homophonous in Chinese. Different ages, light, wind, rain or sunshine, bamboo varies considerably.
- ㉑ Lawn Area (For festivals and events)
~ This garden is absent of a large open space for events and festivals, so I propose a lawn area enclosed by difference natural spaces, and well hidden from view.



Sunrise Cafe

Pomona Outdoor Cafe



Scale: 1/2" = 1'-0"

Table for 4-6 with Black Absolute granite top (2' radius)

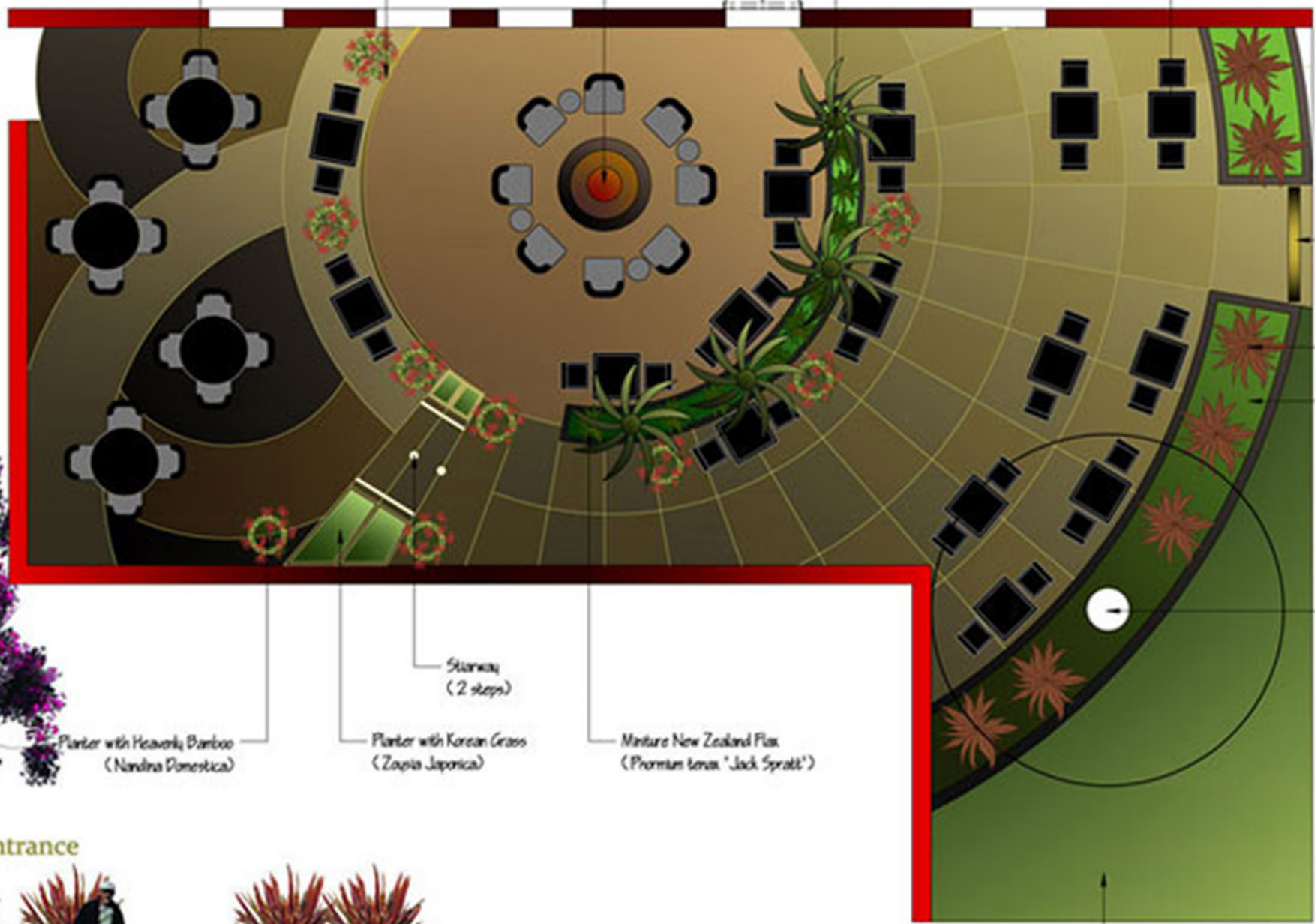
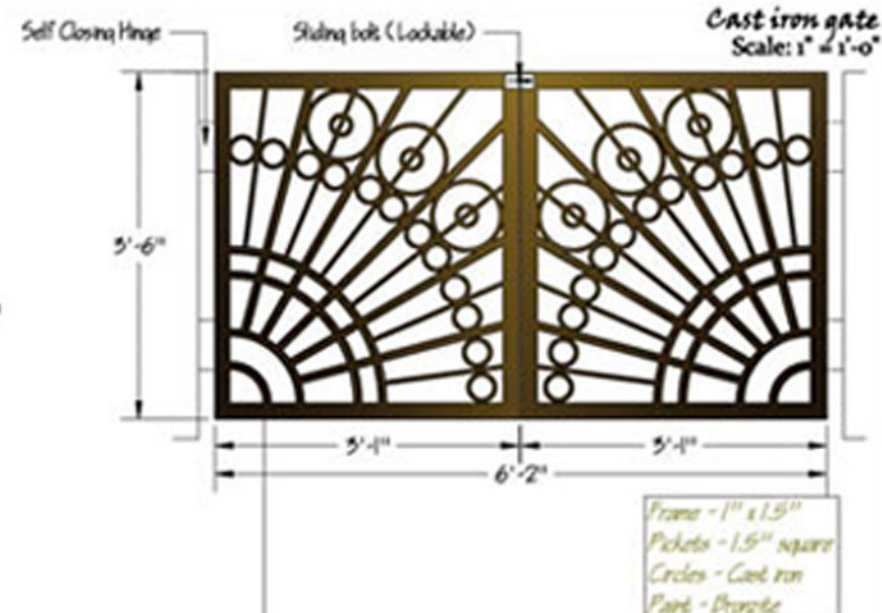
4' tall bronze fence

Fire Pit (2'-6" radius) w/ cushioned seating surrounding it

Windmill Palm (Trachycarpus fortunei)

Seating for two (Tan Brown Granite top)

Building Entry



New Zealand Flax (Phormium Rainbow Sunrise)

Planter with Blue Star Creeper (Pratia angulata) as groundcover

Pink Tabebuia (Tabebuia heterophylla)
- Act as specimen tree that provides shade

Stairway (2 steps)

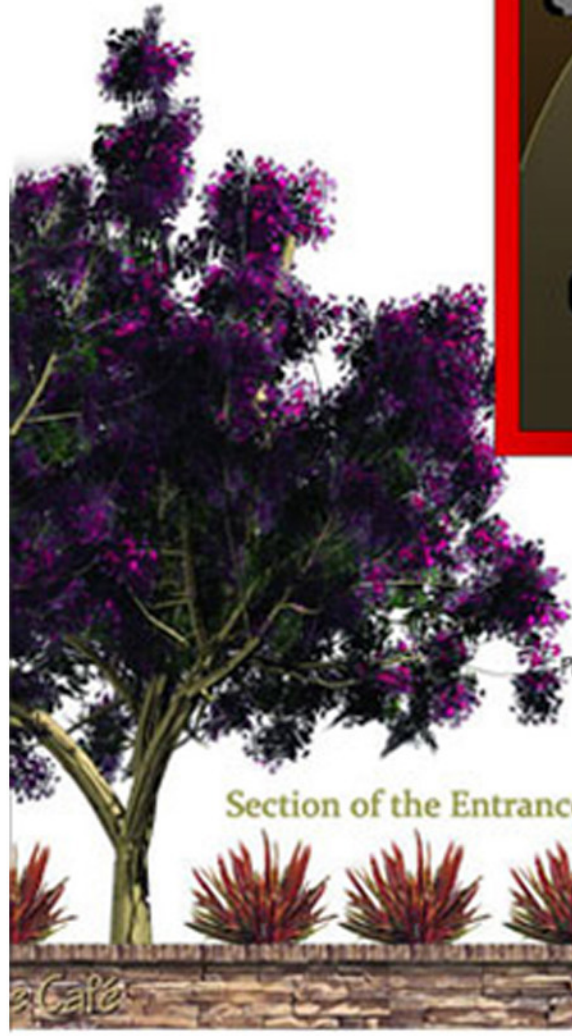
Planter with Heavenly Bamboo (Nandina Domestica)

Planter with Korean Grass (Zoysia Japonica)

Mature New Zealand Flax (Phormium tenax "Jack Spratt")

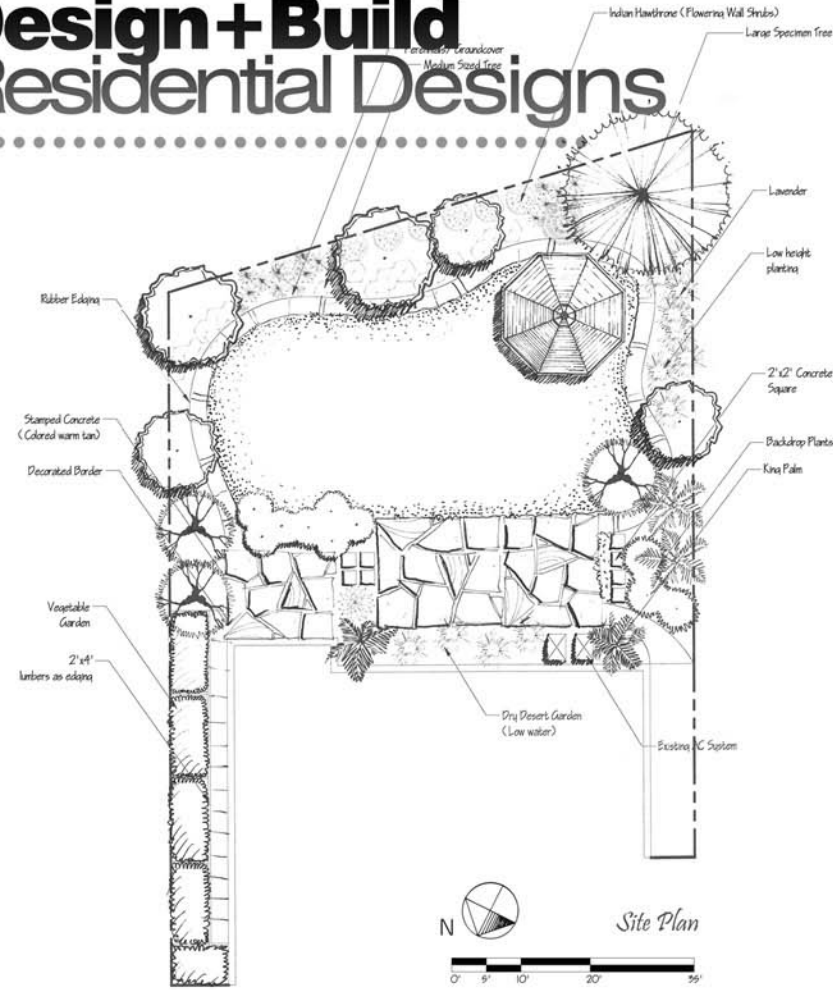
Existing Lawn

Potted Nandina Domestica
 Form: Narrow graceful shrub, taller than wide
 Seasonality: Evergreen
 Size: 4-6ft, spread 3ft
 Flowers: white, loose terminal panicle, bloom in early summer
 Fruit: red berries; long-lasting
 Exposure: sun or partial shade; best in location protected from late afternoon sun
 Water: once per week; prone to iron chlorosis when overwatered
 Maintenance: minimal



Section of the Entrance

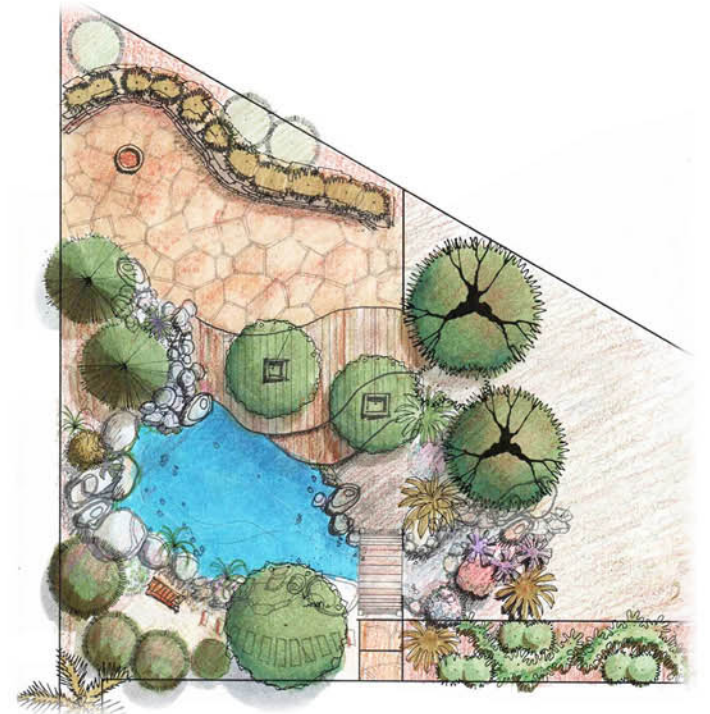
Design + Build Residential Designs



Corona Mediterranean Garden



Hacienda Heights Water Garden



“A Green Bird’s Nest”



“Environmental by Design”



“Hutong Walk”

