

2022

Cal Mingione

**DESIGN
GRAPHICS
SERIES**



**“THE MADDEST OF ALL IS TO SEE LIFE AS IT IS
AND NOT AS IT SHOULD BE”**

- MIGUEL DE CERVANTES SAAVEDRA, DON QUIXOTE -

ABOUT ME





I'm Cal. I'm an urban planner and aspiring landscape architect. I want to design spaces that nurture and inspire, and I want to bring them to life in the company and service of passionate, curious, and responsible people.

But “you have to have done something before you can be said to have done something. The title of artist or architect or musician needs to somehow be earned”.

To this end, I began doing “something” in the landscape architecture realm last year, and this portfolio is intended to highlight the graphic skill-set that I have developed since first beginning in UCLA's Landscape Architecture program.

The pages that follow are akin to journal entries of my learnings. This document does not pretend to be (nor should it be misconstrued as) a case study of Tonga Park. While Santa Monica's famed park features heavily in the

graphics that I display, my intent is to highlight my skill development and not the specific design of any one particular space.

I owe a sincere thank you to the program's instructors that have offered their wisdom, patience, and expertise. I am tremendously grateful for the foundational skills that you have shared.

And, to all of my classmates, thank you. You provide incredible inspiration, perspective, and humor which has lightened and enriched this journey.

Here for it all,

Cal Mingione



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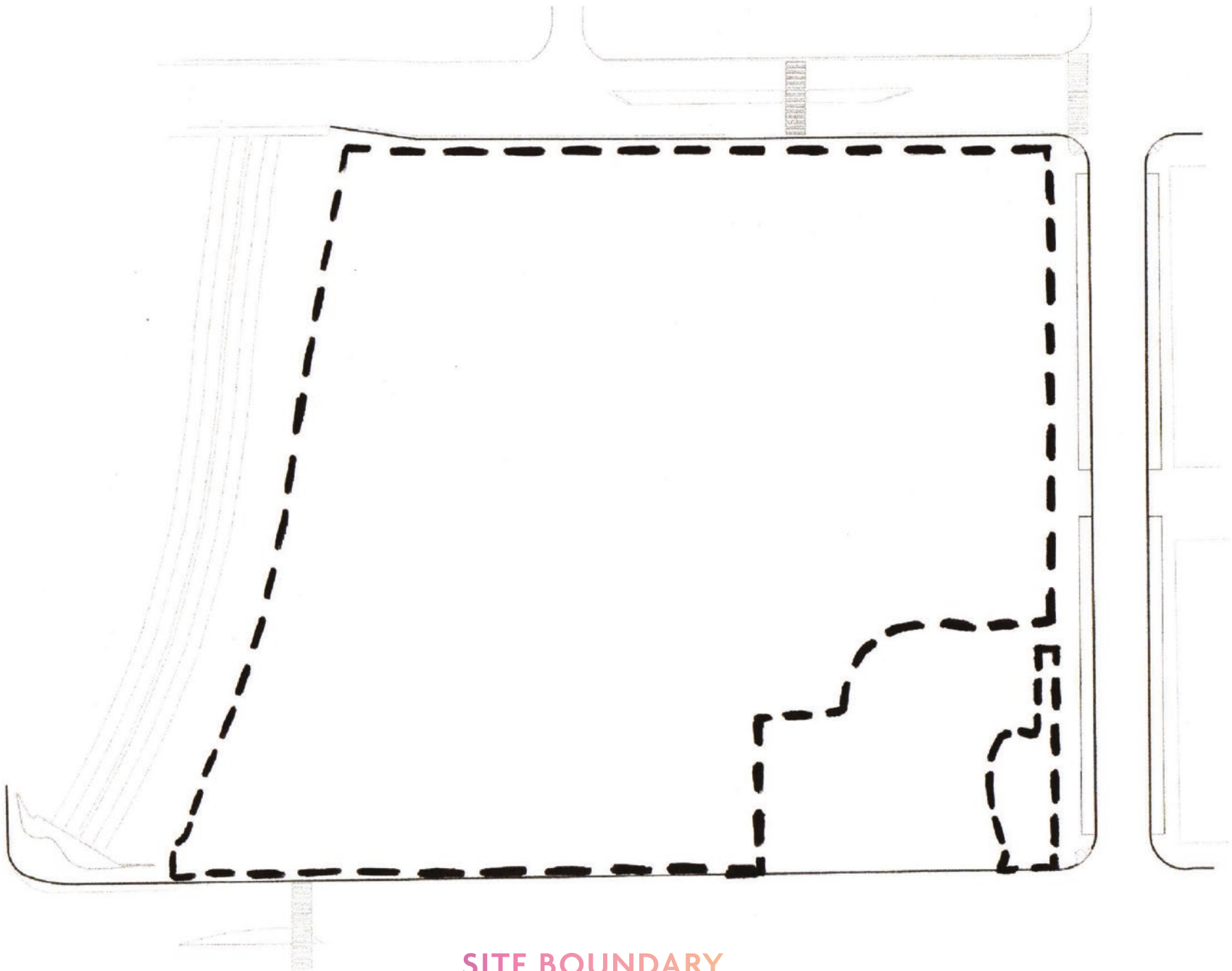
SITE ANALYSIS

SECTION 01



FOUNDATIONS FOR A GOOD DESIGN

A landscape design is not arbitrarily plucked “from thin air”. It is informed from a detailed, meaningful, and comprehensive analysis of a site and its context. A proper site analysis will both simplify and showcase the various influences on a site, creating clear, concise, easily digestible graphics that orient viewers and guide the design process. Good design is obvious when good site analysis precedes it.



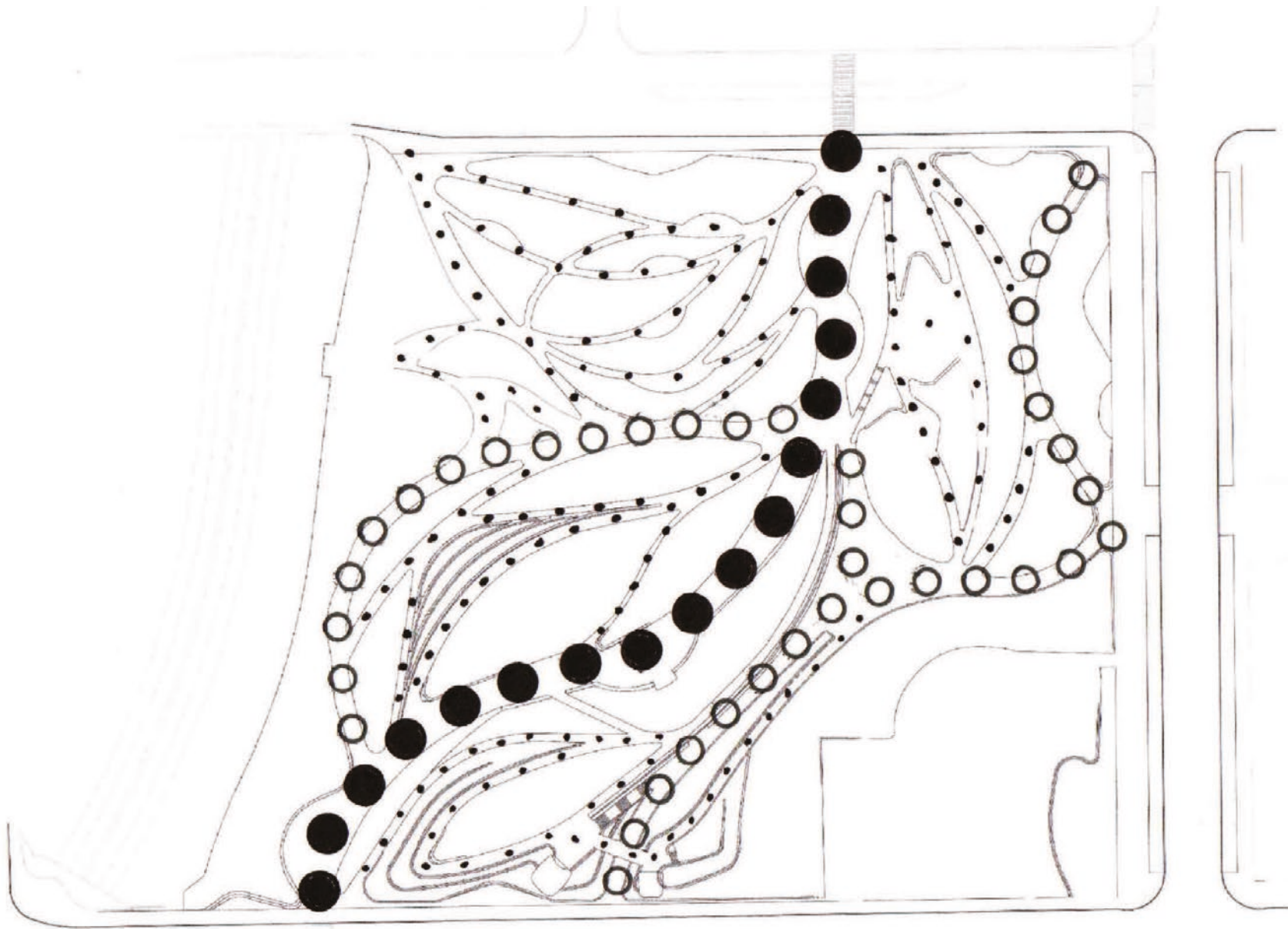
SITE BOUNDARY

SCALE: 1" = 100'

0' 50' 100' 200'





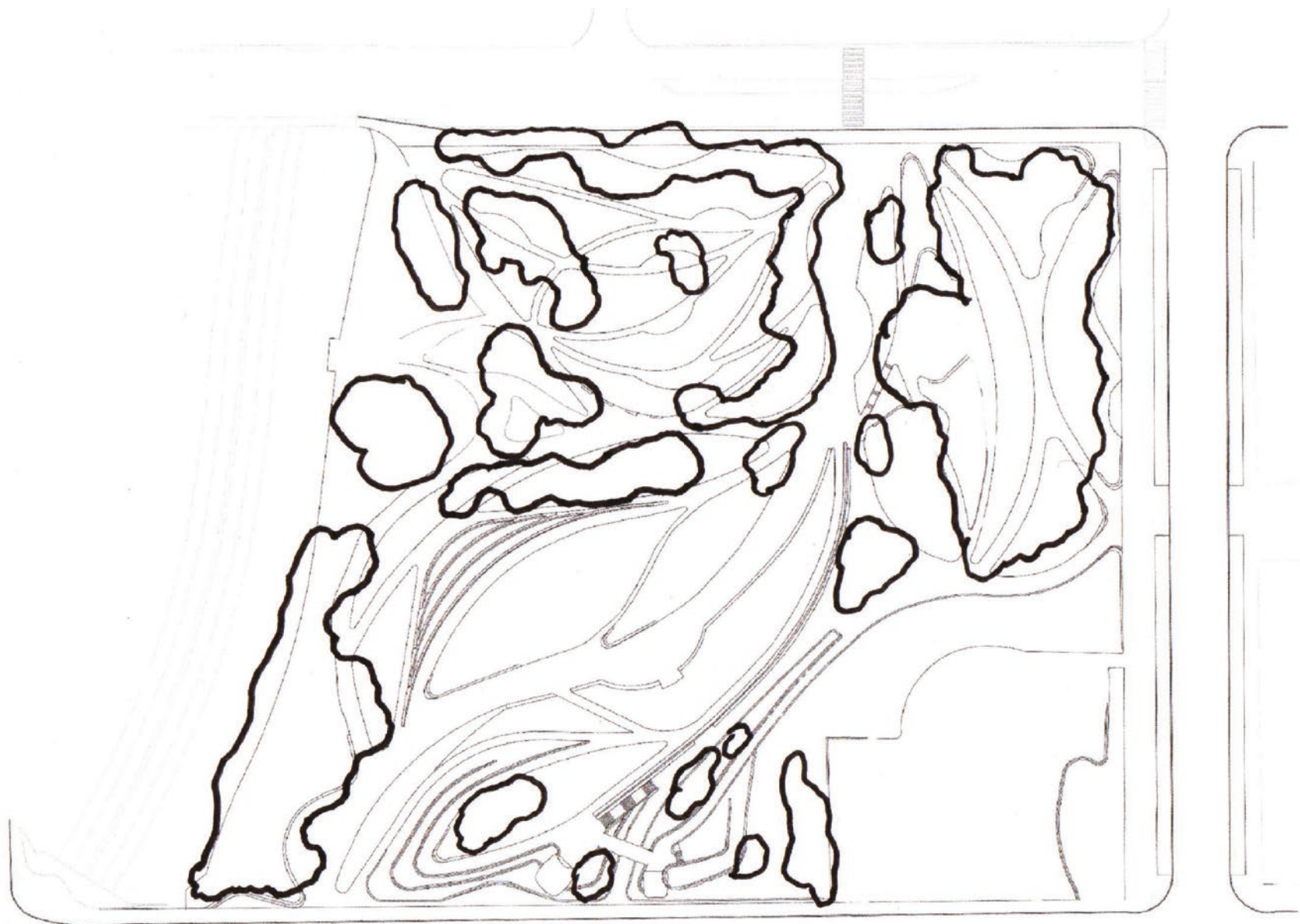


PEDESTRIAN CIRCULATION

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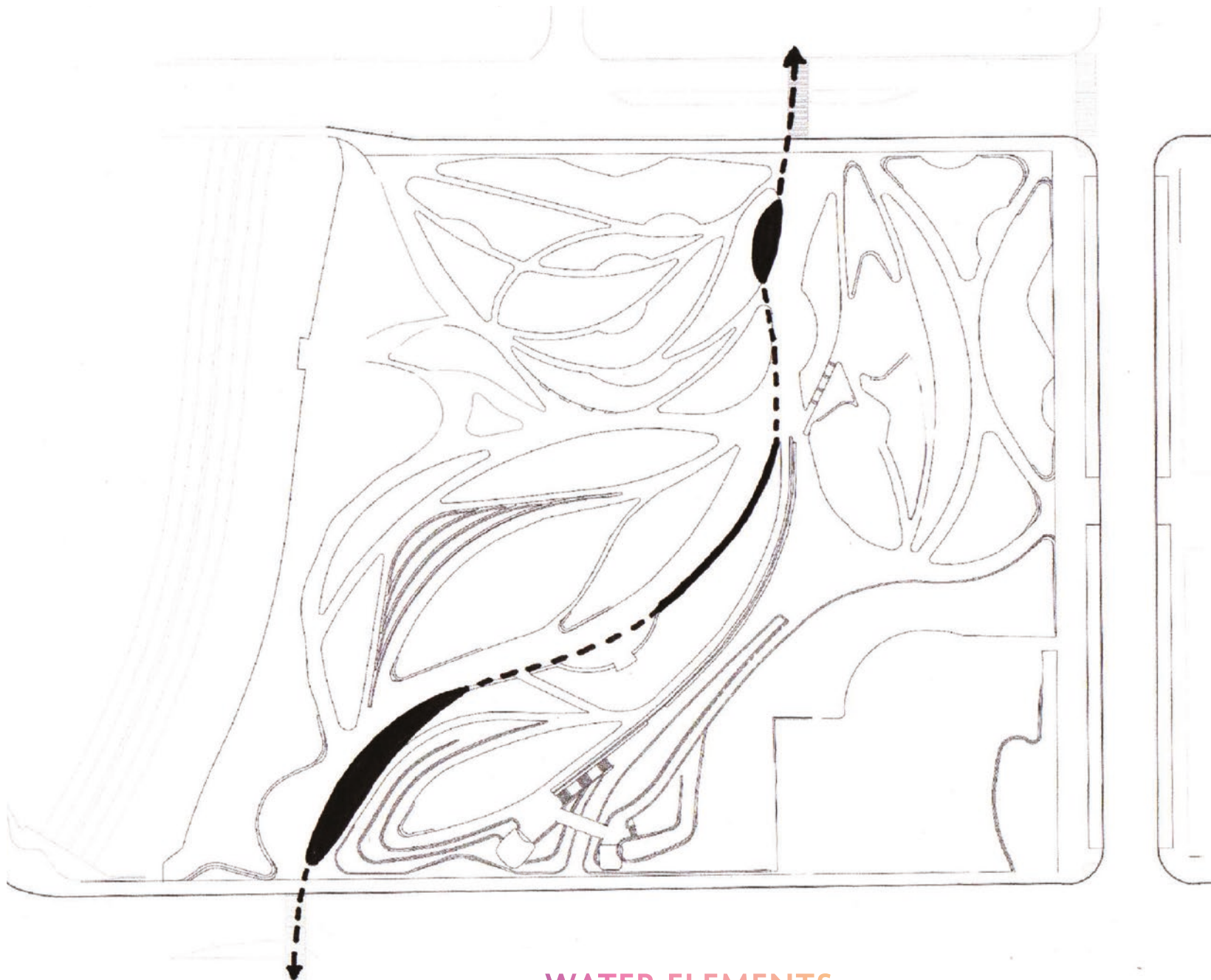


TREE CANOPY COVERAGE

SCALE: 1" = 100'

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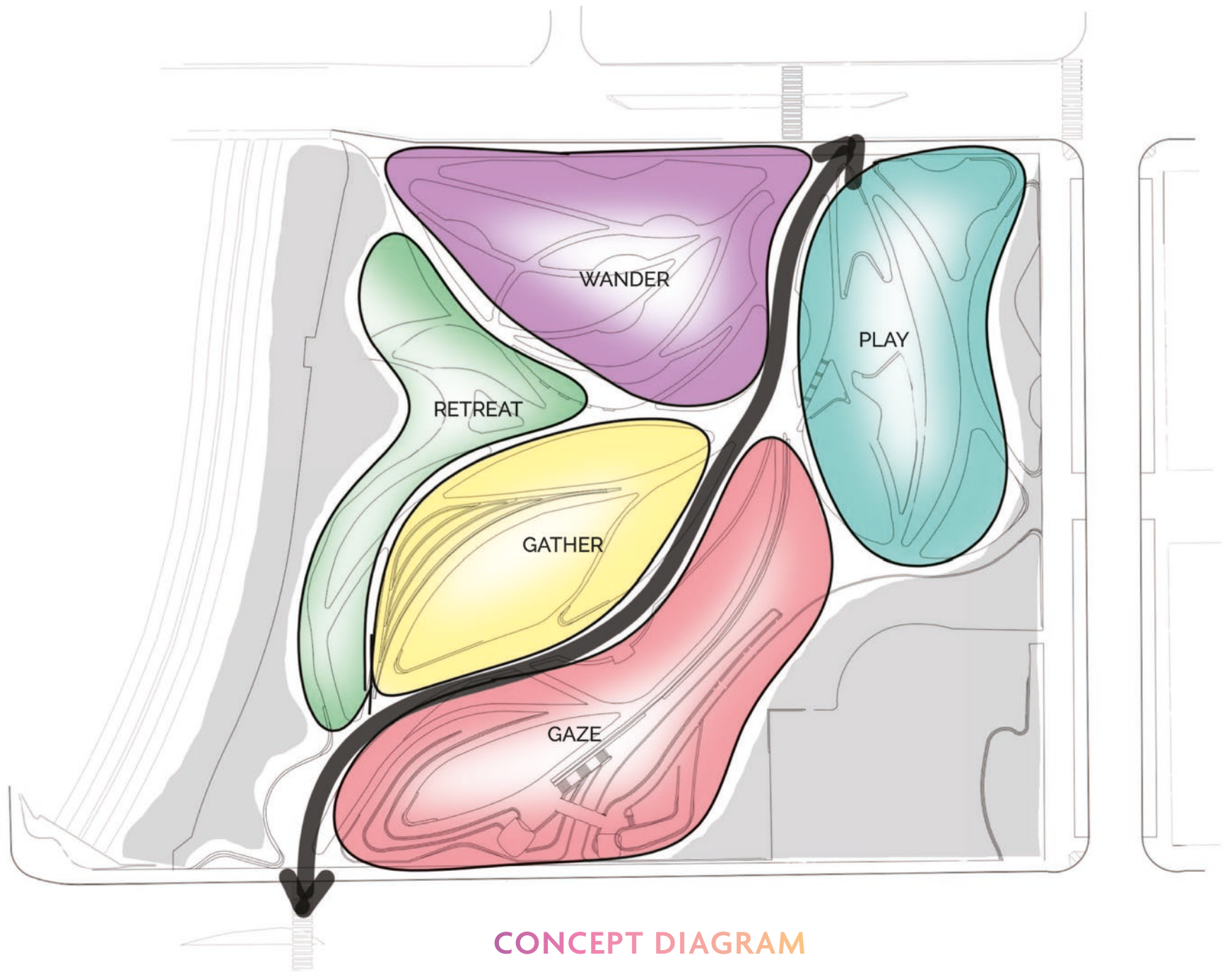


WATER ELEMENTS

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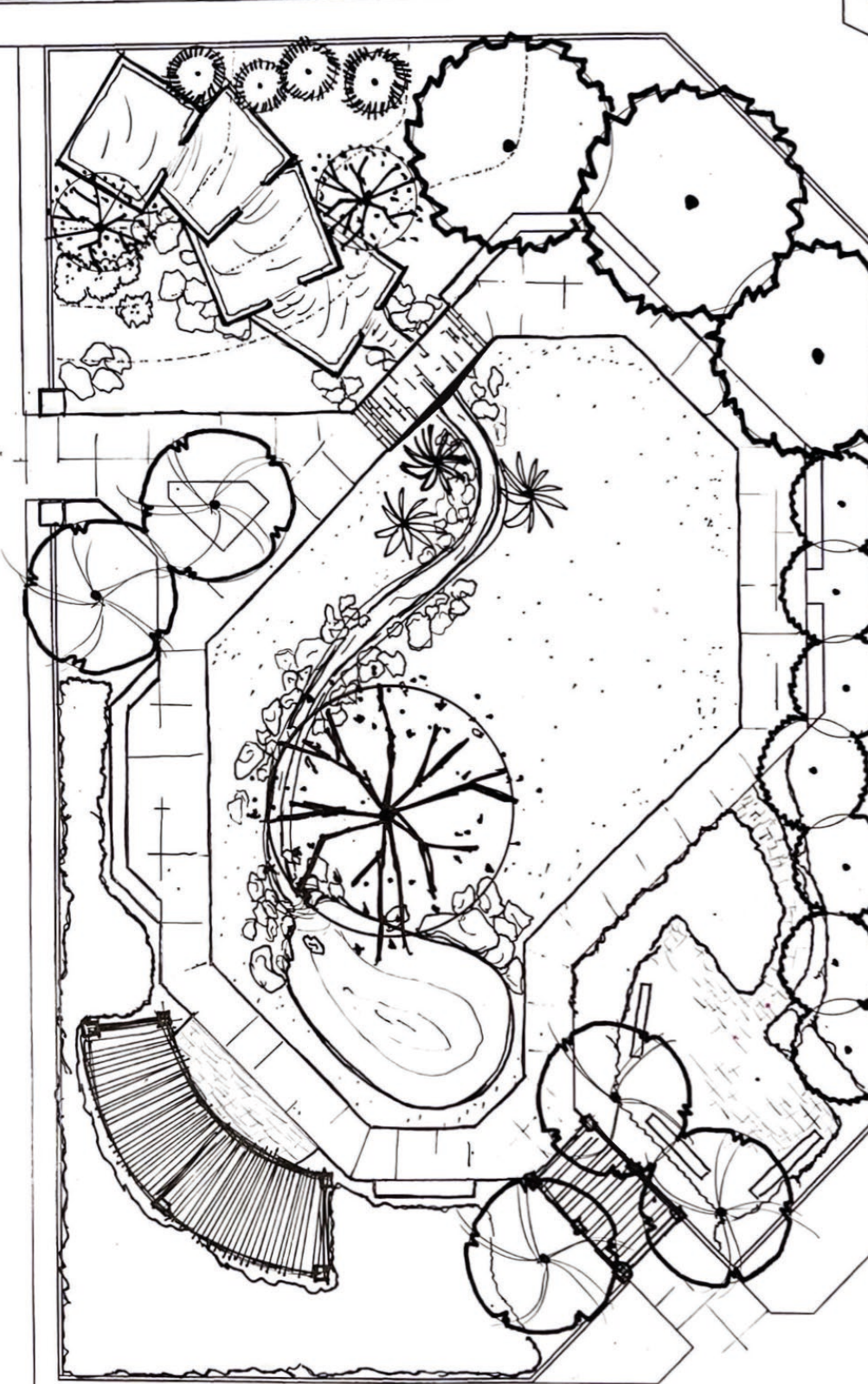
SCALE: 1" = 100'

0' 50' 100' 200'



SITE PLAN DRAWINGS

SECTION 02



CLEAR & EXPRESSIVE

The site plan is a landscape architect's primary tool to communicate design ideas. The graphic styles utilized in a site plan drawing can vary wildly; an illustrative site plan communicates what the built space will feel like, while technical plans create a clear and comprehensive outline for all pertinent design elements. A well-executed site plan utilizes hierarchy of line weights, diverse strokes and line styles (to denote differences in texture or materials), legible graphics, and necessary notes or call-outs to convey important information to the viewer. Site plans can be rendered with a variety of tools (pencils, pens, markers, digital, etc.), but regardless of the medium utilized, the site plan should be clear and expressive.



SCALE: 1" = 100'

0' 50' 100' 200'



**“EVERY LINE CARRIES INFORMATION. AND THEY CAN TELL US MORE THAN
JUST WHAT’S THERE. THEY TELL US THE ENERGY OF THE PLACE.”**

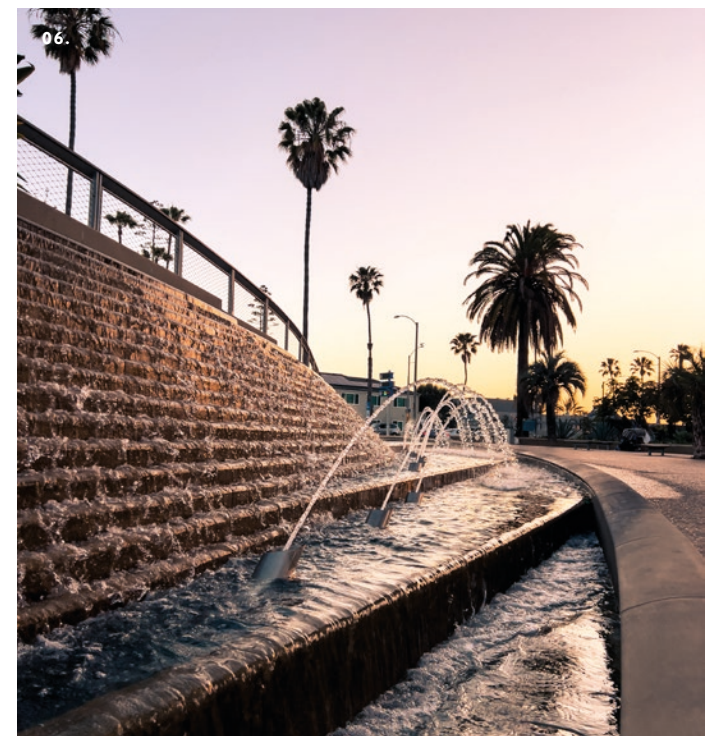
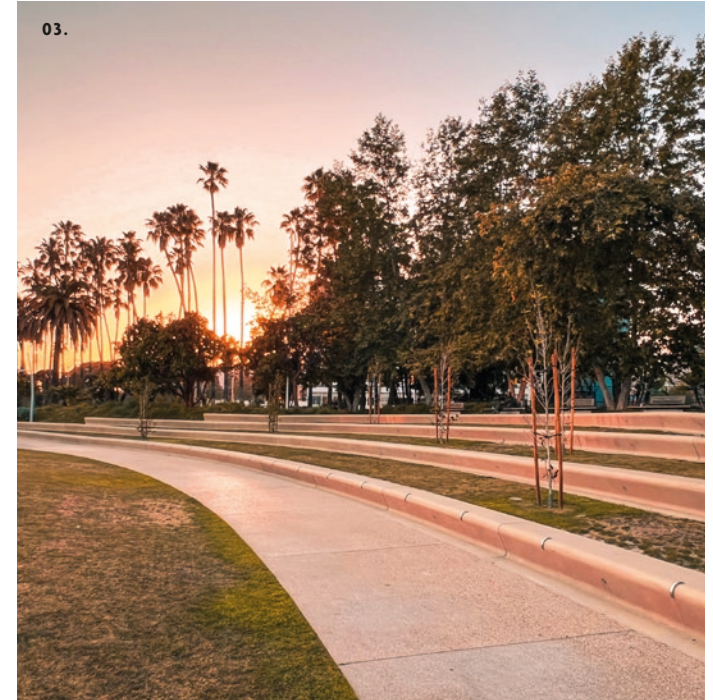
- REBECCA SCHWANER -



SCALE: 1" = 100'

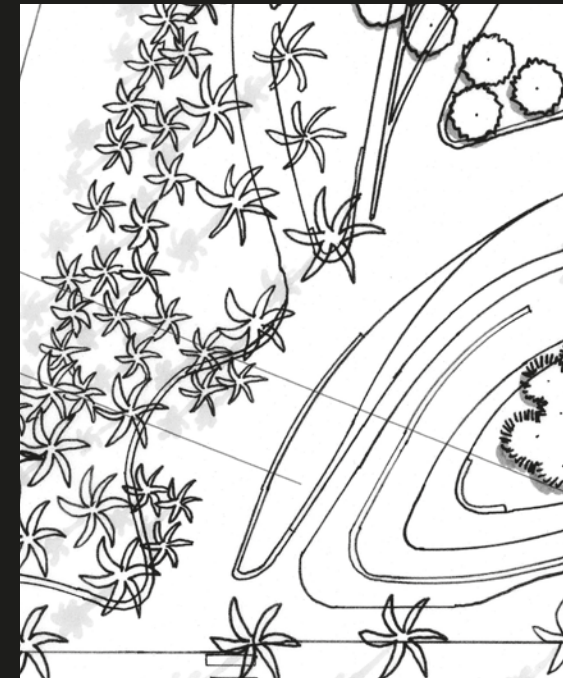
0' 50' 100' 200'







NTS



EVOLUTION OF DRAFTING MEDIUM



NTS



NTS

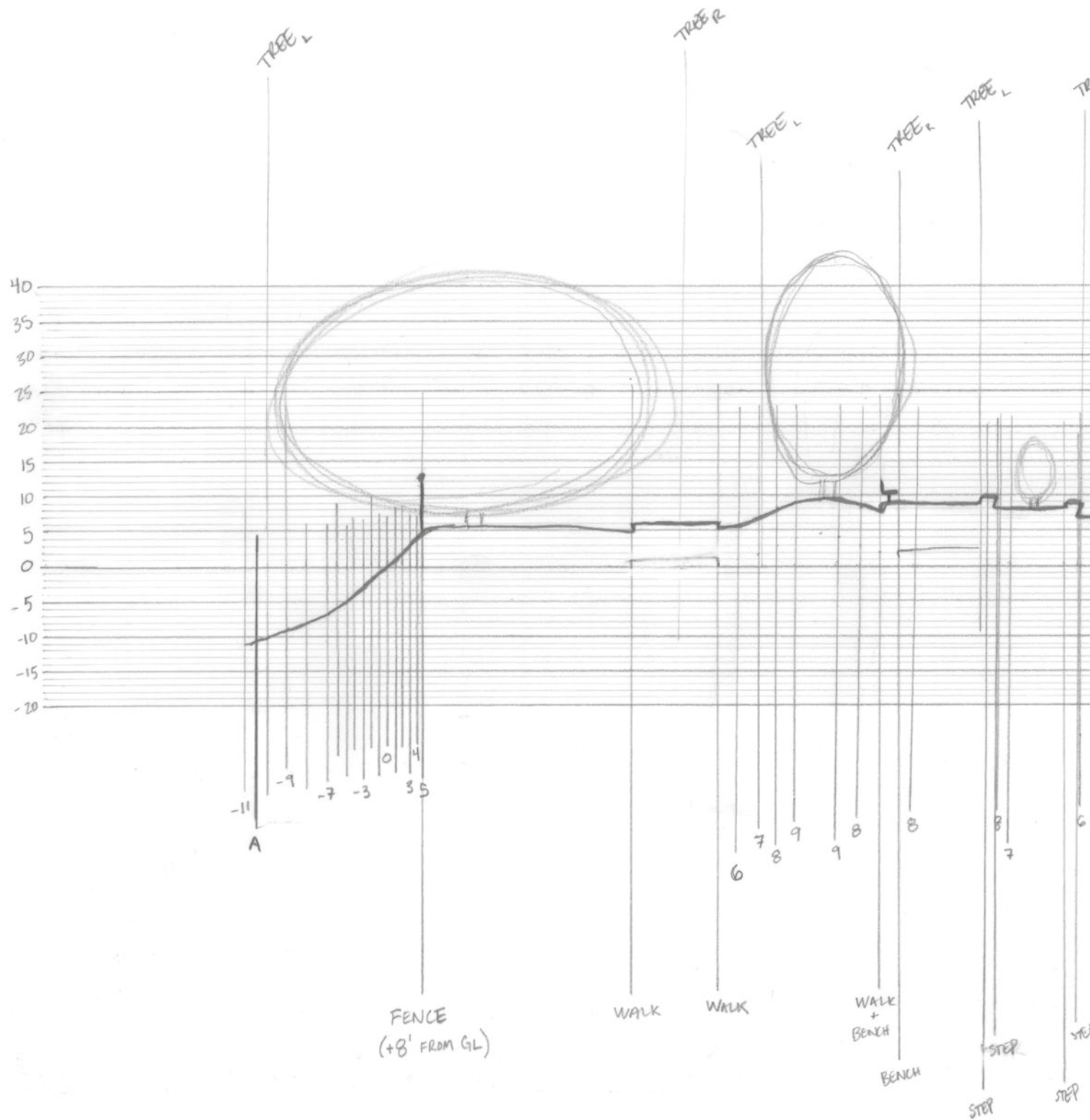
SECTIONS & PERSPECTIVES

SECTION 3

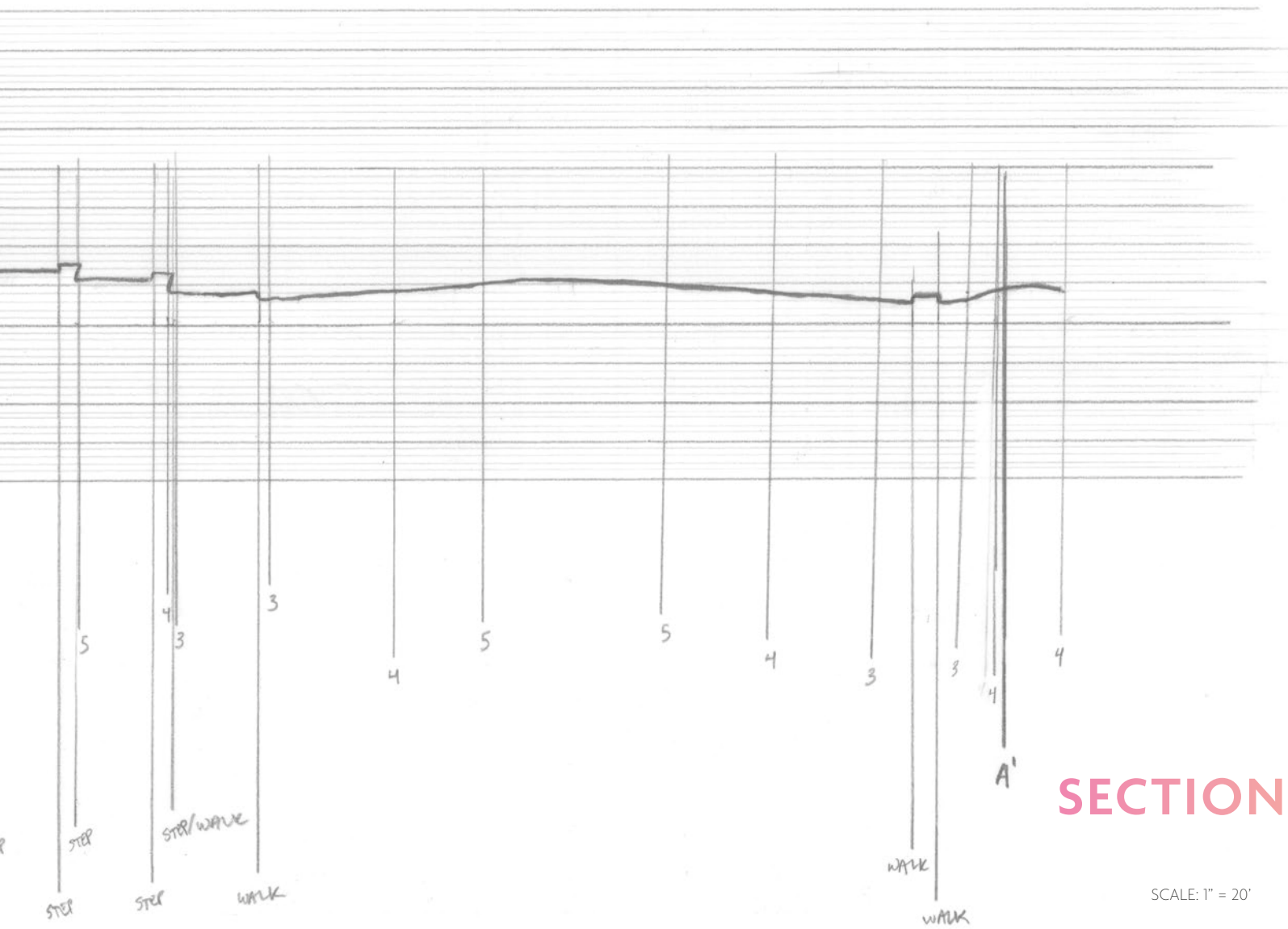
DEPTH, VOLUME, & RELATABILITY

Landscape architects are responsible for some of the most emotionally connected spaces within a community. As such, an effective design arsenal needs to include more than just plan-view graphics. Using sections and perspective drawings provides depth, showcases the volume of space, and facilitates a deeper understanding of the site. Good sections and perspectives make the space relatable by allowing a viewer to imagine themselves within it.





see

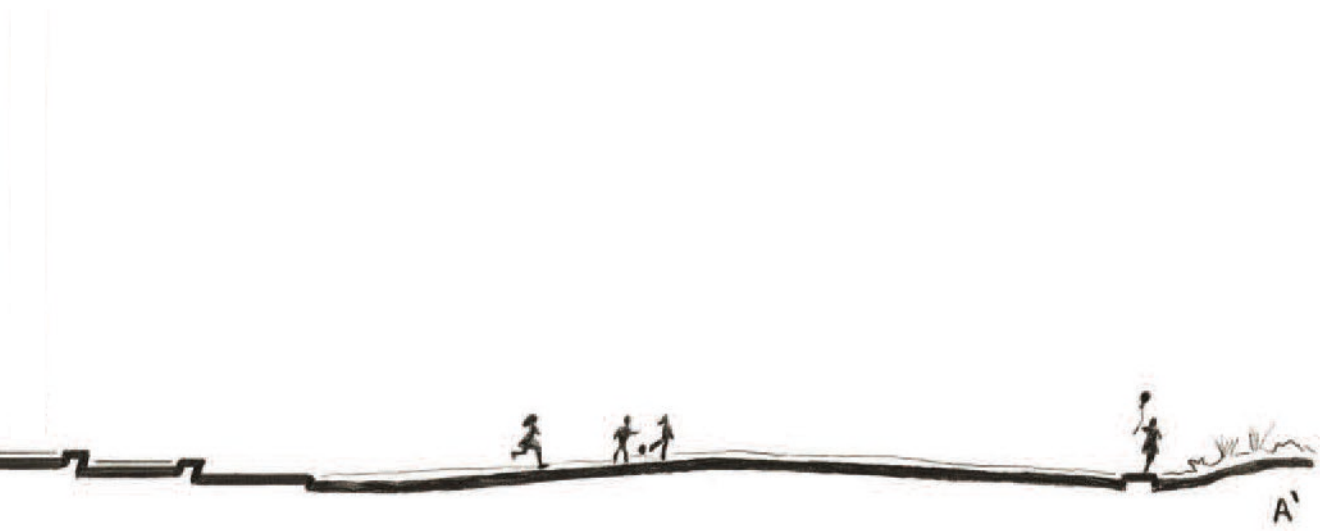


SECTION WORKSHEET

SCALE: 1" = 20'





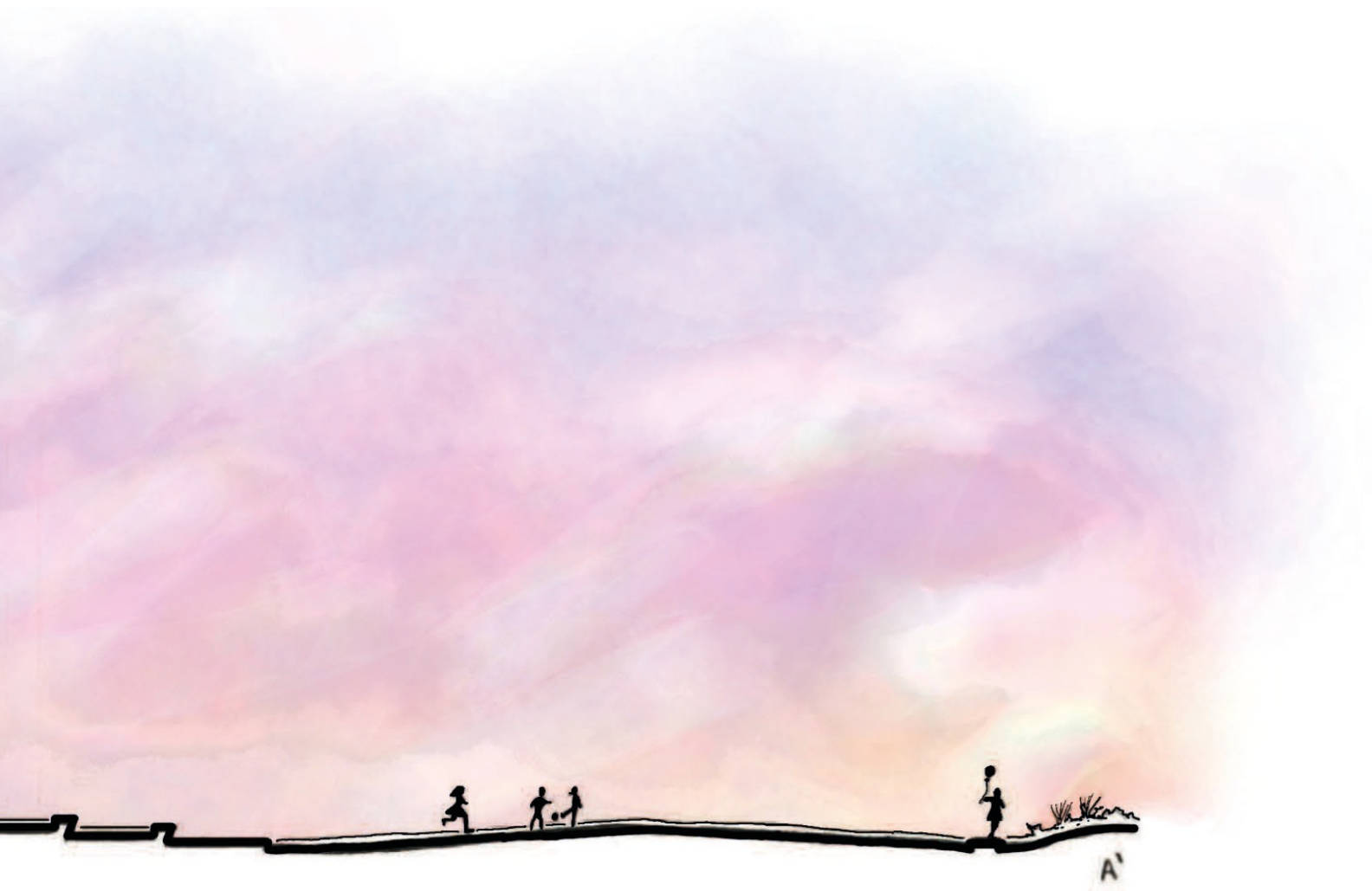


SECTION | TONGVA PARK AMPHITHEATER PENCIL RENDER

SCALE: 1" = 20'



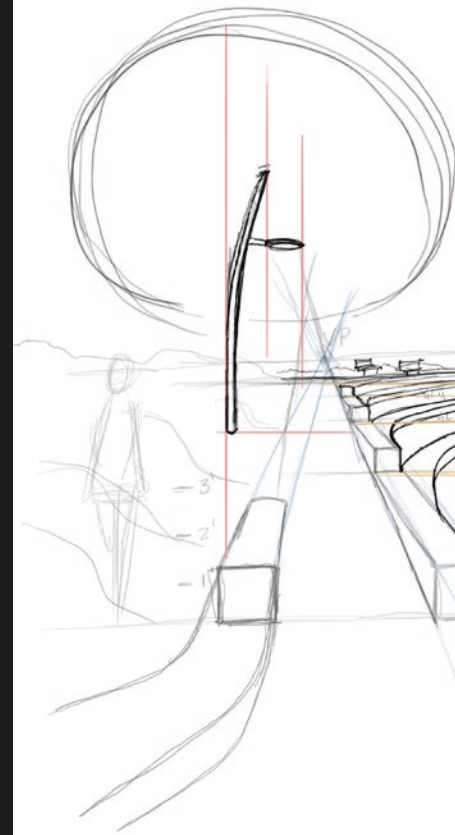
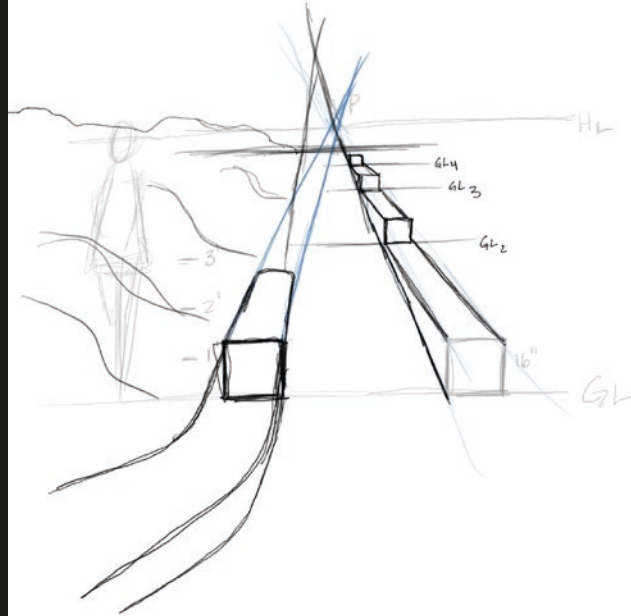
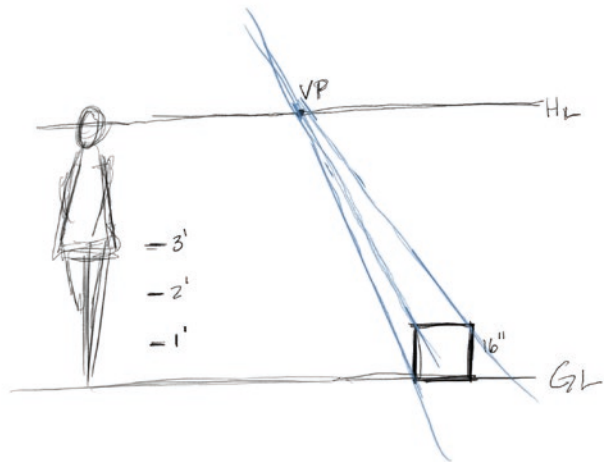




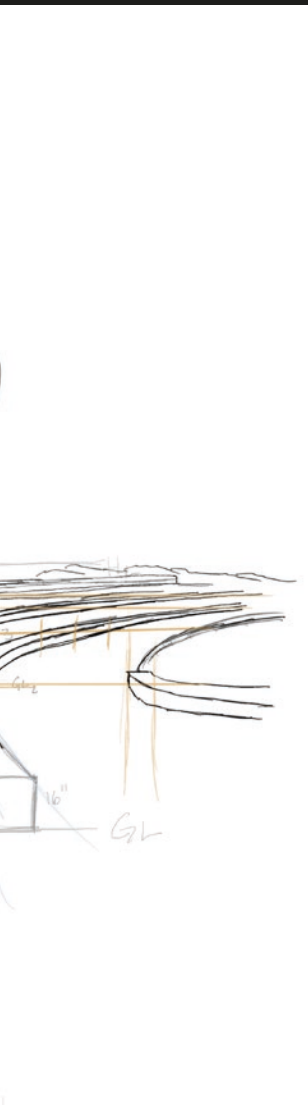
SECTION | TONGVA PARK AMPHITHEATER COLOR RENDER

SCALE: 1" = 20'





PERSPECTIVE CONSTRUCTION



**“USE YOUR GRAPHICS TO SHOWCASE YOUR EXPERIENCE OF
THE SPACE. WHAT IS THE STORY YOU WANT TO TELL?”**

- LAURA RAZO -



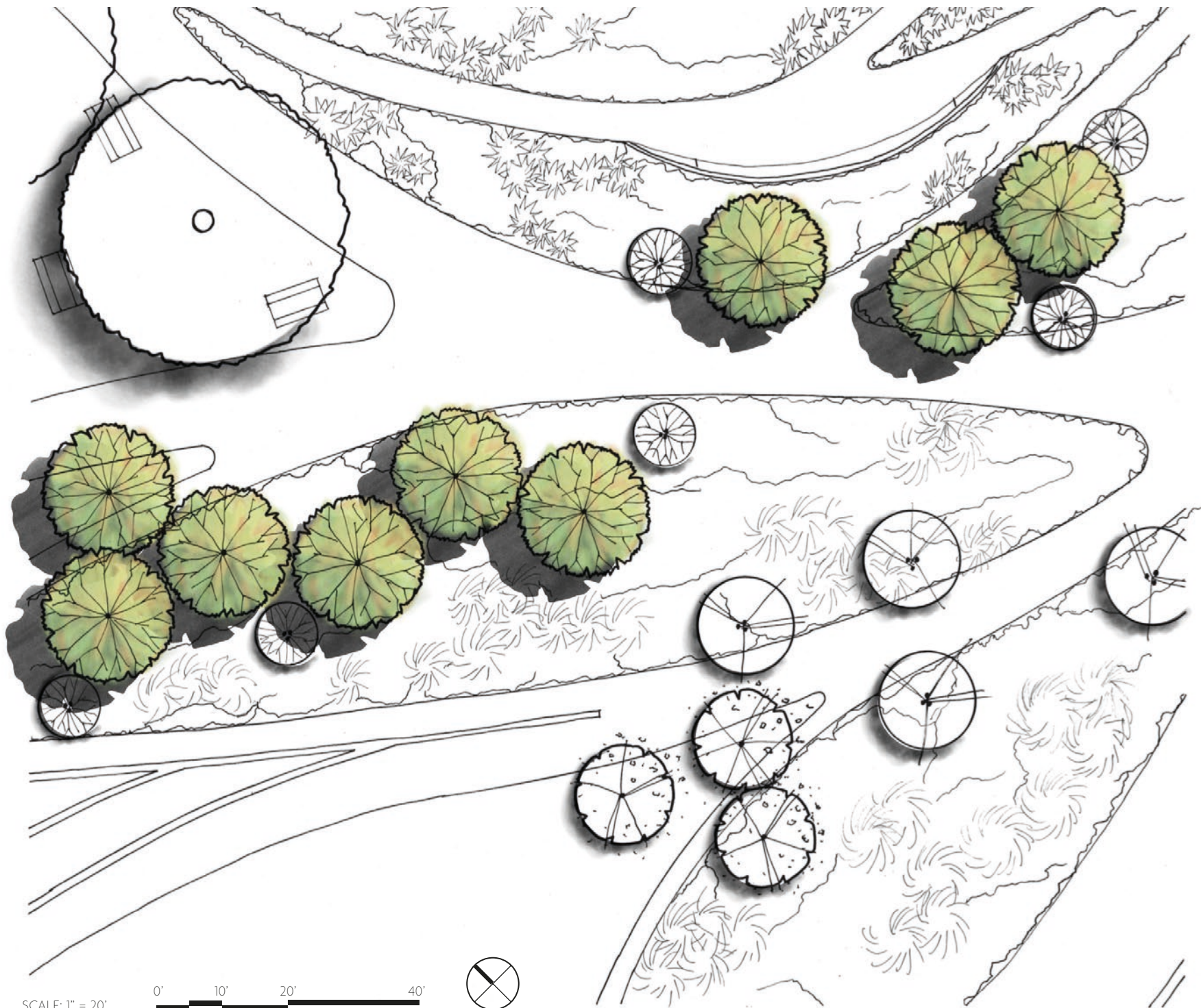
PLANT SPECIES & SYMBOLS

SECTION 4



DEVELOPING A GRAPHIC SYMBOL LIBRARY

According to best selling author Austin Kleon: “the human hand is incapable of making a perfect copy”. Luckily, nature is not very good at it either. Which means we get to lean into some of the variation and inconsistency in our drawings, turning imperfections into strengths that communicate differences in plant materials, a hierarchy of ideas, or personality of a place.



SCALE: 1" = 20'

0' 10' 20' 40'



CALIFORNIA SYCAMORE

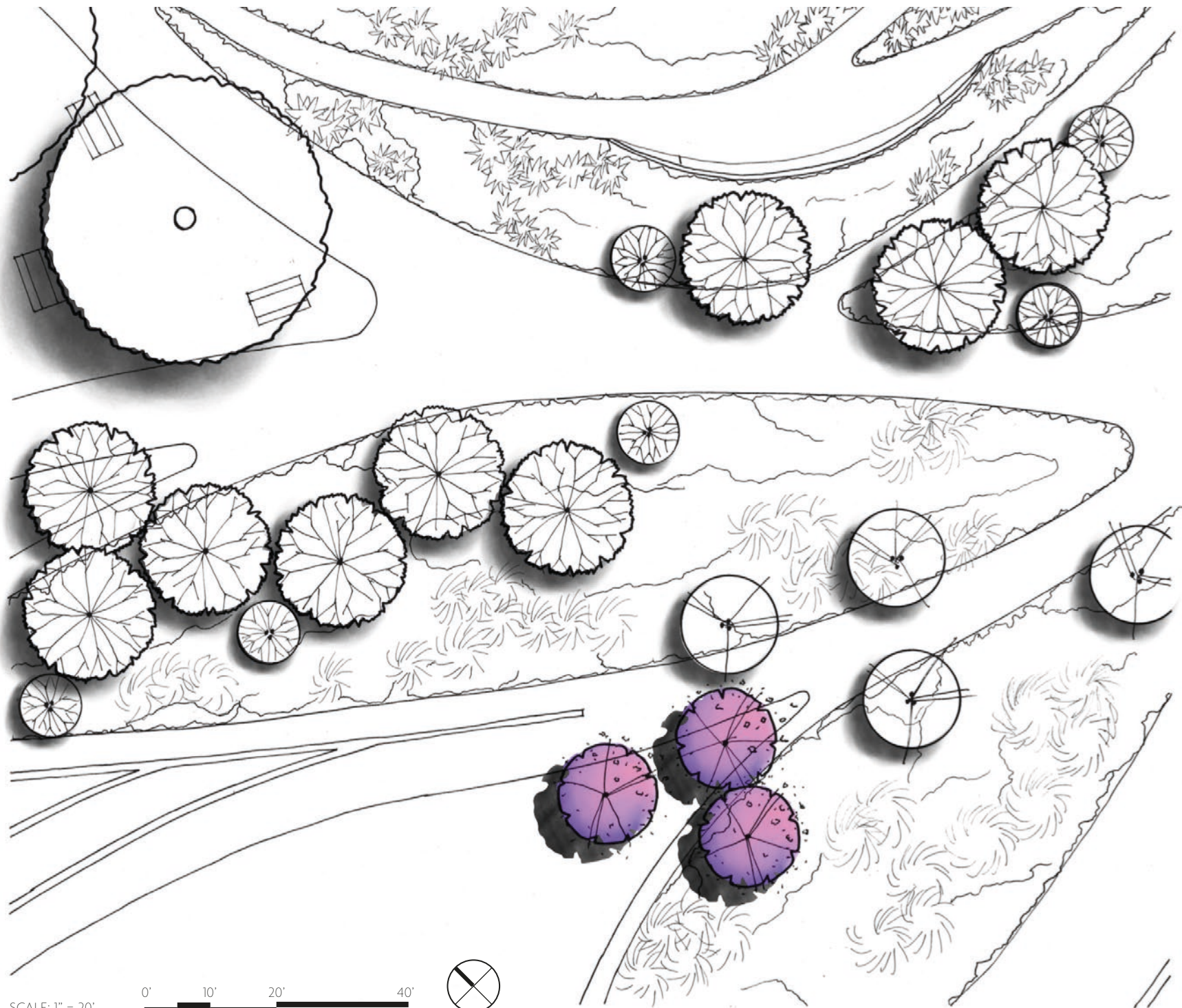
Plantanus racemosa

A terrific deciduous landscape tree in the native California area, thanks to its white/gray/tan bark, its multiple trunk and split branching pattern, and the greens, yellows, and orange colors displayed on its leaves.

Quick Facts

- Form: Columnar and/or Rounded
- Mature Height: 20 to 115 feet tall
- Mature Width: 50 feet wide
- Sun Needs: Full sun
- Water Needs: Prefers moderate moisture, with maximum irrigation of once per month (during summer months) once established.
- Growth Rate: Can grow quickly (ie, 30 feet in five years) if given plenty of water
- Cold Tolerance: Down to 10 degrees Fahrenheit
- Soil Preference: Various (ie, tolerates sandy and clay soils of varying pH levels).
- Maintenance/Care: Very easy to care for, especially once established. Makes a great urban landscape tree, as roots generally grow downward
- Native Habitat: California and Baja California, especially near canyons, streams, and floodplains
- Supported wildlife: Western Tiger Swallowtail, butterflies, and hummingbirds





SCALE: 1" = 20'

0' 10' 20' 40'



PINK TRUMPET TREE

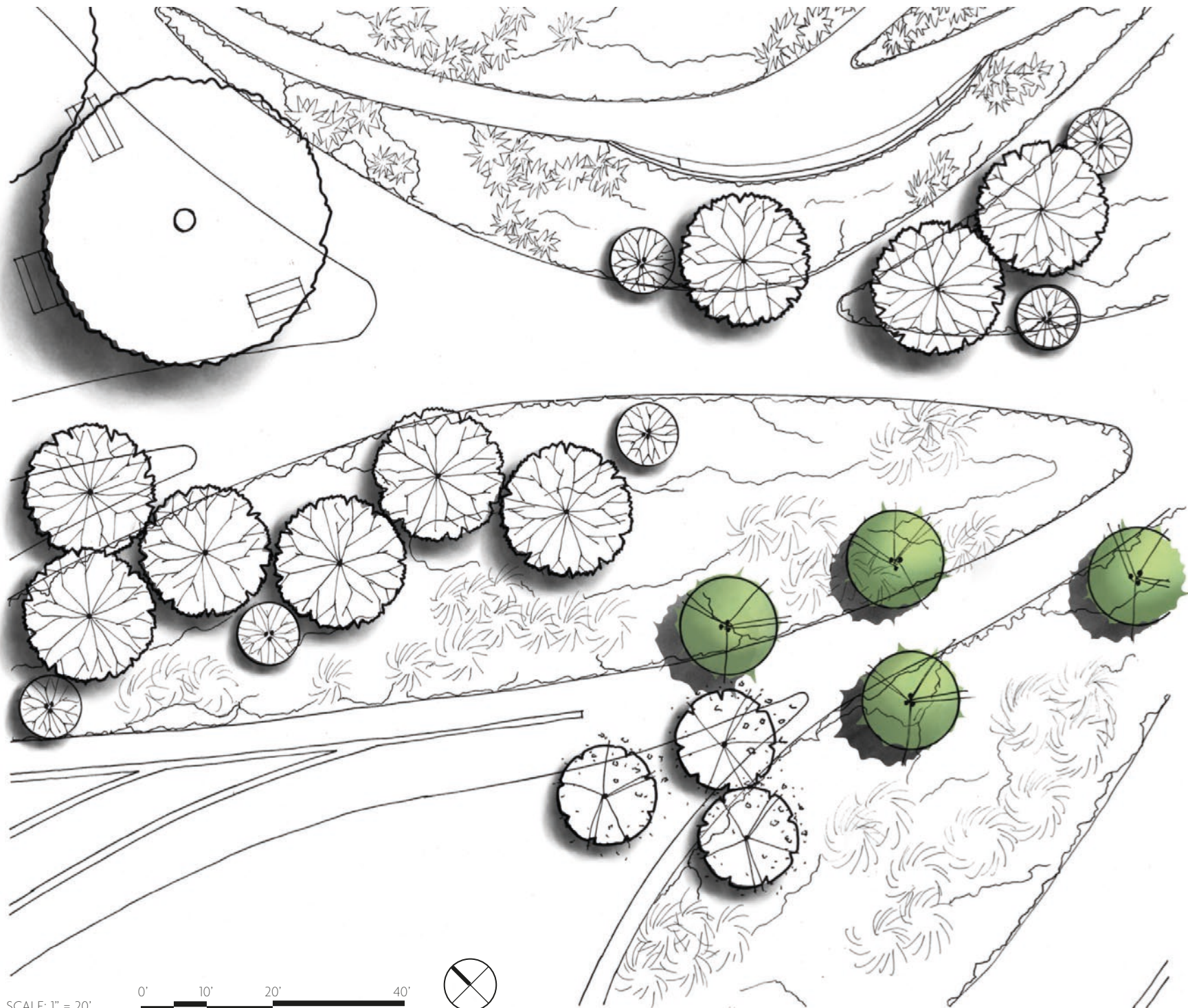
Tabebuia impetiginosa

A low branching, winter deciduous tree with dark green leaves and showy pink flowers.

Quick Facts

- Form: Upright, rounded, umbrella shape
- Mature Height: 30 feet tall
- Mature Width: 30 feet wide
- Sun Needs: Full sun
- Water Needs: Moderate, with deep watering in spring through fall to sustain the best flowering performance
- Growth Rate: Slow
- Cold Tolerance: Down to 20-25 degrees Fahrenheit
- Soil Preference: Various, but best in loamy or clay soil
- Maintenance/Care: Requires staking when young, as well as occasional minor pruning in late fall and winter
- Native Habitat: Central and South America (from Mexico to Argentina). Proven to be well adapted to Southern California.
- Supported wildlife: Pollinators, as well as some hummingbirds
- Other notes: The plant has been used as a traditional medicine to treat various diseases, such as malaria, bacterial and fungal infections, and skin ailments.





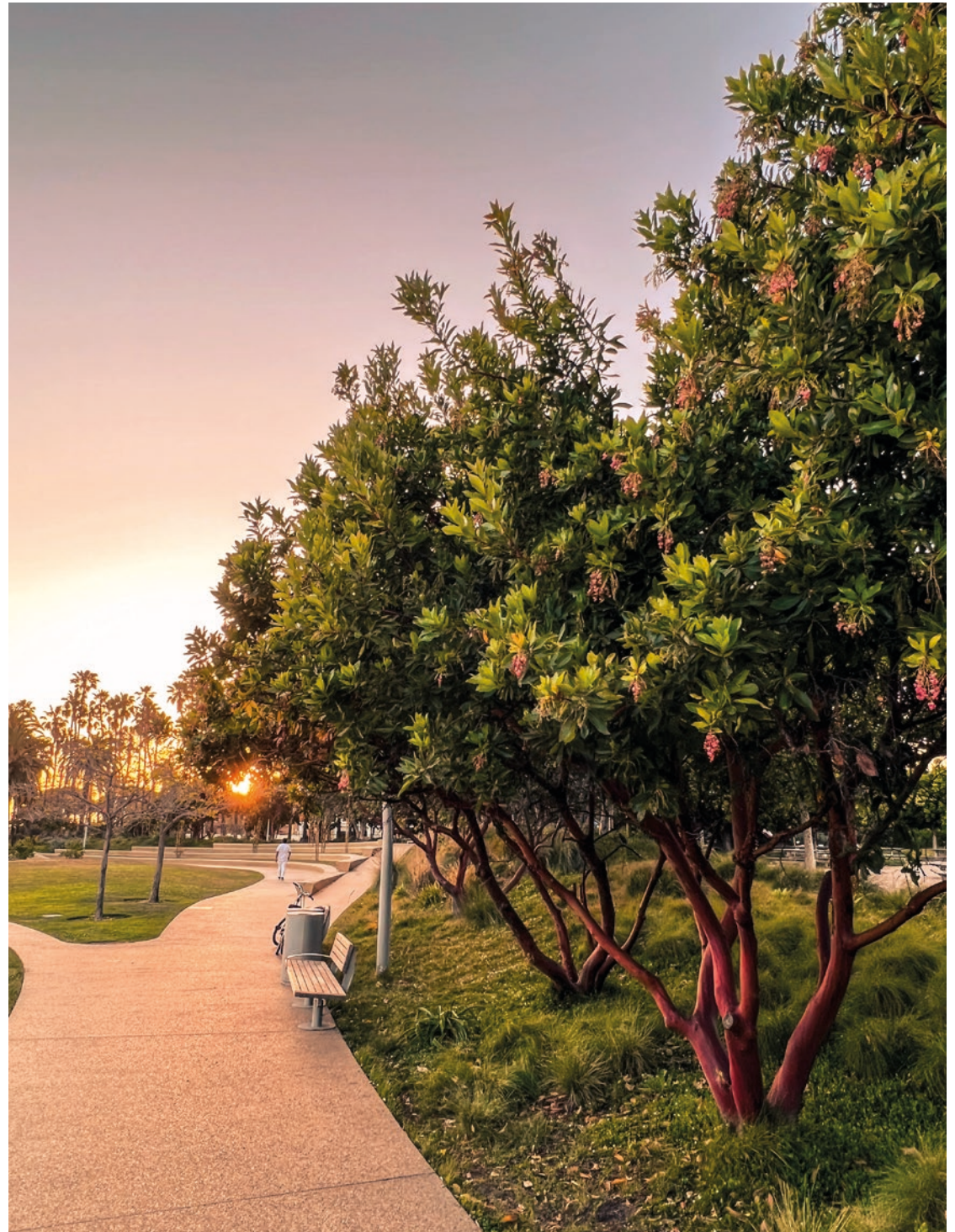
STRAWBERRY TREE

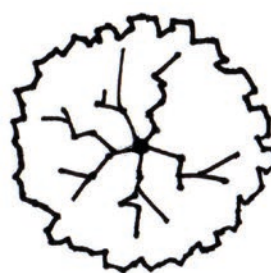
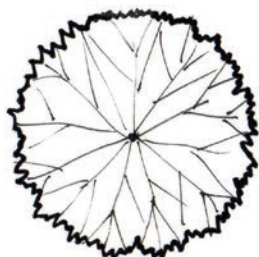
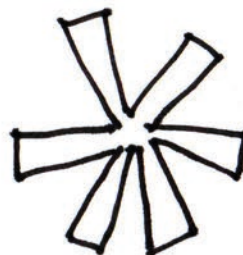
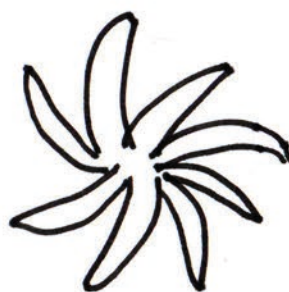
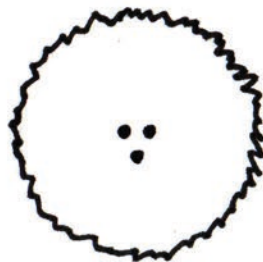
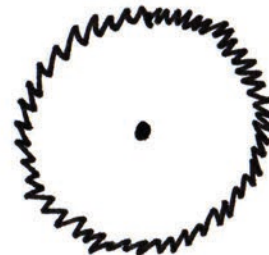
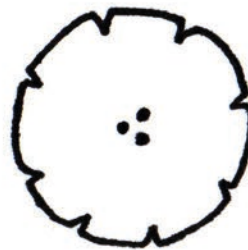
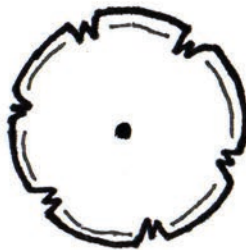
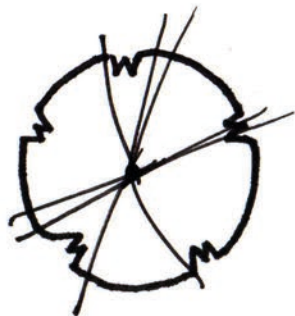
Arbutus marina

A medium sized evergreen with a low branching and dense canopy, showy red bark, and soft urn shaped pinkish-red flowers that present year-round.

Quick Facts

- Form: Rounded or umbrella shaped
- Mature Height: 20 to 50 feet tall
- Mature Width: 25 to 40 feet wide
- Sun Needs: Full sun
- Water Needs: Low water needs, and considered drought tolerant (although presents best with occasional watering)
- Growth Rate: Slow, less than 12 inches per year
- Cold Tolerance: Down to 15-20 degrees Fahrenheit
- Soil Preference: Various, prefers well draining soil
- Maintenance/Care: Easy to care for, but messy due to the regular dropping of flowers and shedding of bark
- Native Habitat: Southern Europe and the dry regions around the Mediterranean
- Supported wildlife: hummingbirds, and various butterflies



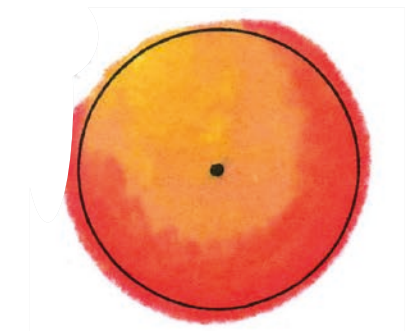
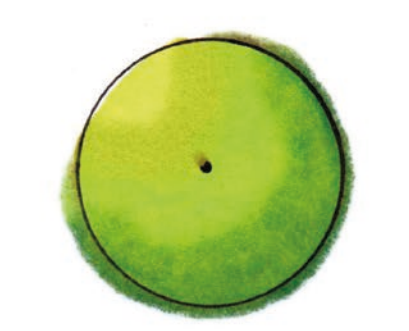
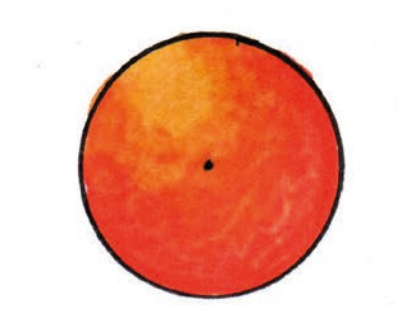
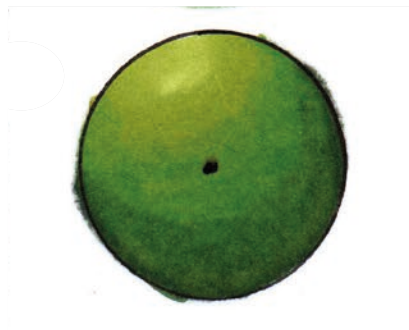
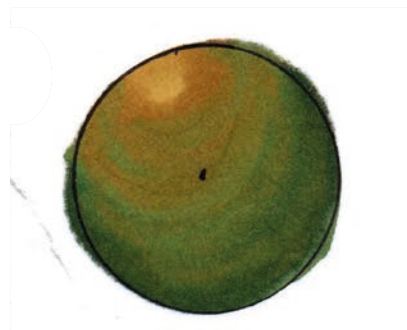
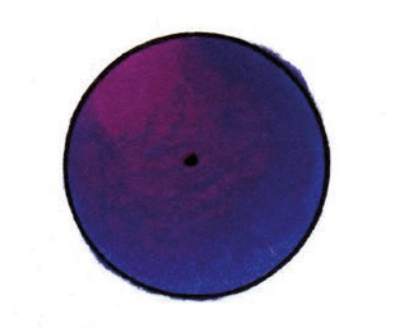


**“JUST EMPTY YOUR BRAIN AND DRAW ALL THE SYMBOLS
YOU CAN THINK OF”**

- REBECCA SCHWANER -

“COLOR IS A POWER WHICH DIRECTLY INFLUENCES THE SOUL”

- WASSILY KANDINSKY -



TEXTURES & MATERIALS

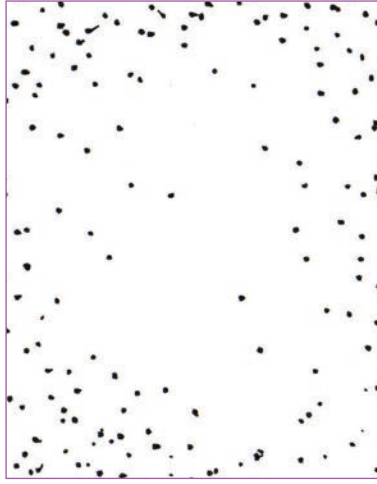
SECTION 05



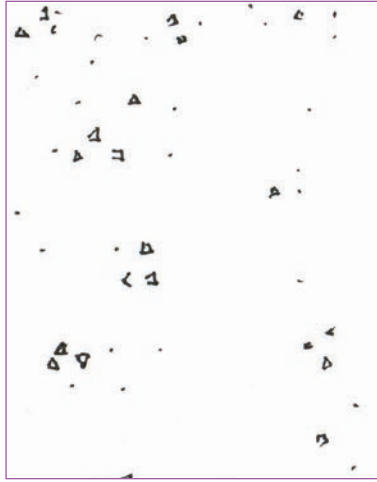
THE LITTLE THINGS MATTER

Design graphics should provide enough details to prompt the imagination (at the concept development stage), communicate the mood or sense of place (at the schematic plan level), and highlight the nuanced details of textures, surfaces, and finishes (within final construction or design drawings). We ought to have a graphic skill-set that is capable of achieving this objective.

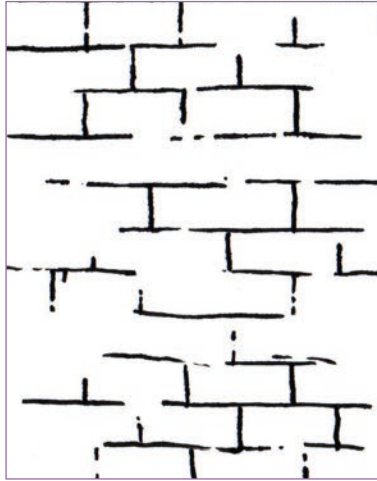
■ TURF



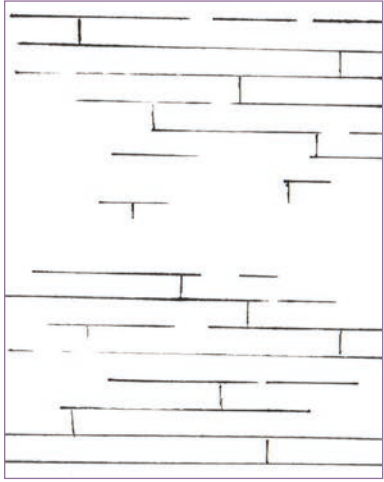
■ PAVERS



■ PAVERS



■ WOOD



■ WATER



■ SHRUBS





“BE BOLD”

- DAVID SQUIRES -



**PHOTO
CREDITS**



p 02. Kevin Fremon: Santa Monica Pier

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<https://unsplash.com/photos/VLDDaRX04GM>



p 41. Waldemar Manfred Seehagen

Accessed from Shutterstock:
<https://www.shutterstock.com/image-photo/pink-flowers-trumpet-tree-tabebuia-impetiginosa-l612196737>



p 09. Jack Finnigan: Santa Monica

Accessed from Unsplash:
<https://unsplash.com/photos/aEkk0KxvPpg>



p 41. Matt Ritter: Pink Trumpet Tree

Accessed from Pacific Horticulture:
<https://www.pacifichorticulture.org/articles/striving-for-diversity-the-trumpet-trees-2/>



p 11. Nile Nahar-Brown: Off the Grid

Accessed from Shutterstock:
<https://www.shutterstock.com/image-photo/off-grid-324605765>



p 41. Matt Ritter: Pink Trumpet Tree

Accessed from Pacific Horticulture:
<https://www.pacifichorticulture.org/articles/striving-for-diversity-the-trumpet-trees-2/>



p 37. Kendrick Mills: Palms

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p. 52. Venti Views: Santa Monica Pier

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<https://unsplash.com/photos/ioKYuDRY3gg>

Cal Mingione

Seal Beach, California

425-749-2280

cal.mingione@gmail.com