Consideration of the Preferred Schematic Design & Master Plan for the New Public East Neighborhood Park to be located at 5155 Stars & Stripes Drive

City of Santa Clara
City Council
January 10, 2023
#22-1456

EAST NEIGHBORHOOD PARK

Public Neighborhood Parks Proposal

11.15.2022

Related Santa Clara

The East Neighborhood Park will be conveniently located a short distance north of the Amtrak Great America station which will serve the new community of Related Santa Clara. Convenient access via transit and a regional bike network will draw people from the surrounding neighborhoods.

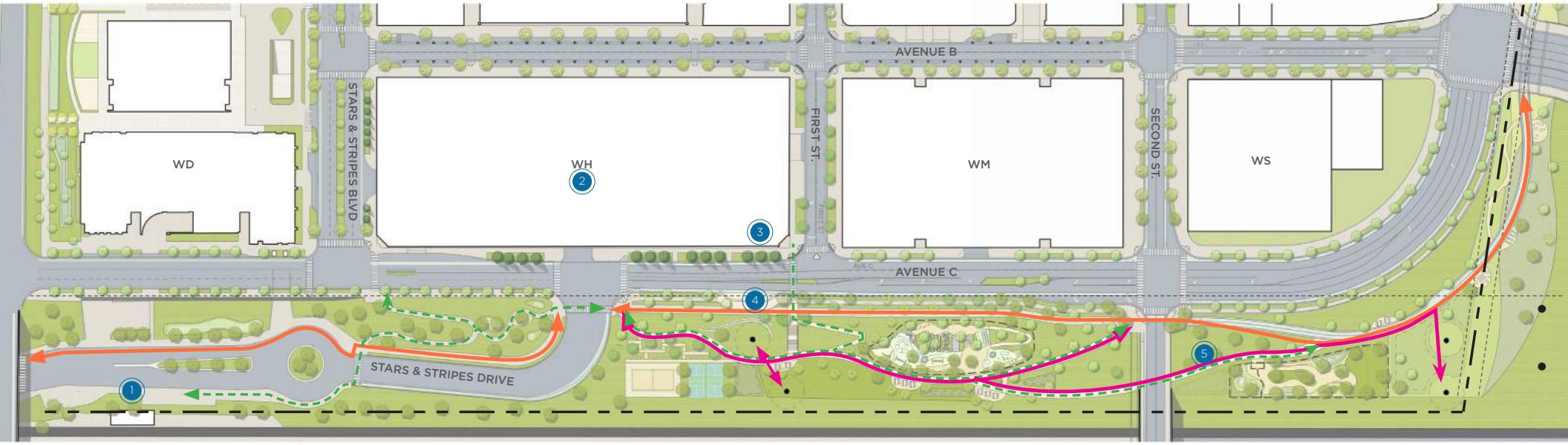
The East Neighborhood Park and North Neighborhood Park (future extension) will be focused on health and wellness. The East Neighborhood Park will provide ample active recreation opportunities for all ages. A children's' playground with separate areas for kids ages 2-5 and 6-12 will be the central element complete with picnic and supervisory accommodations. Sand volleyball courts and an open play field will provide opportunity for both organized and informal physical activity. A dog park divided for small and large breeds and dispersed picnic areas will provide additional leisure activities for park goers.

A regionally adapted plant palette with special consideration to successional plant species will dress the park with a resilient and performative landscape.

Changes Resulting from Community Engagement

1. addition of pollinator garden
2. replace one sand volleyball court with two pickle ball courts
3. additional seating area with shade trees

East Neighborhood Park | Access



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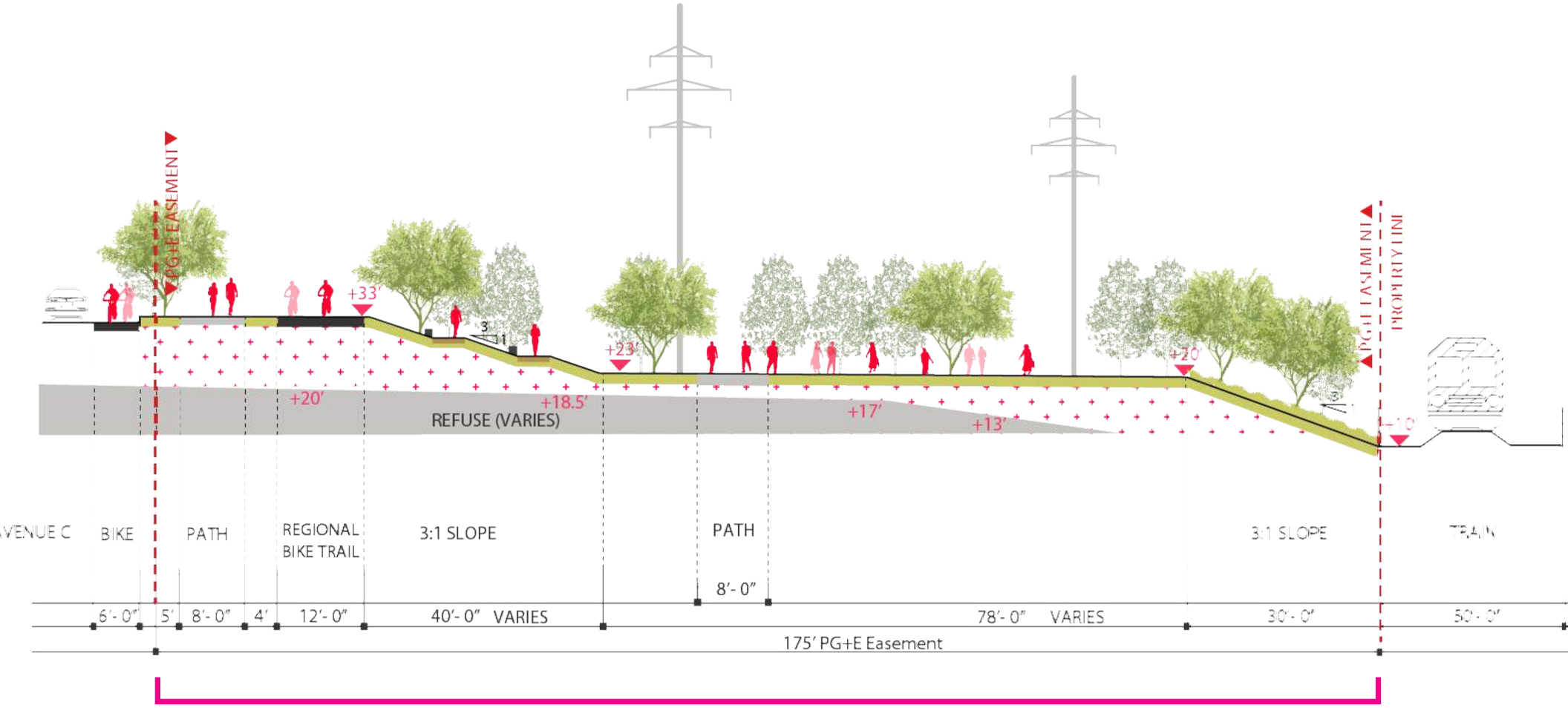
- 1 Transit Access
- 2 Park Visitor Parking
- 3 Public Restroom
- 4 Passenger Drop-off
- 5 Trash Collection

- Utility and Trash Access
- Regional Bike Trail
- ADA Access

- Easements
- Property Line
- Overhead Utility Pole

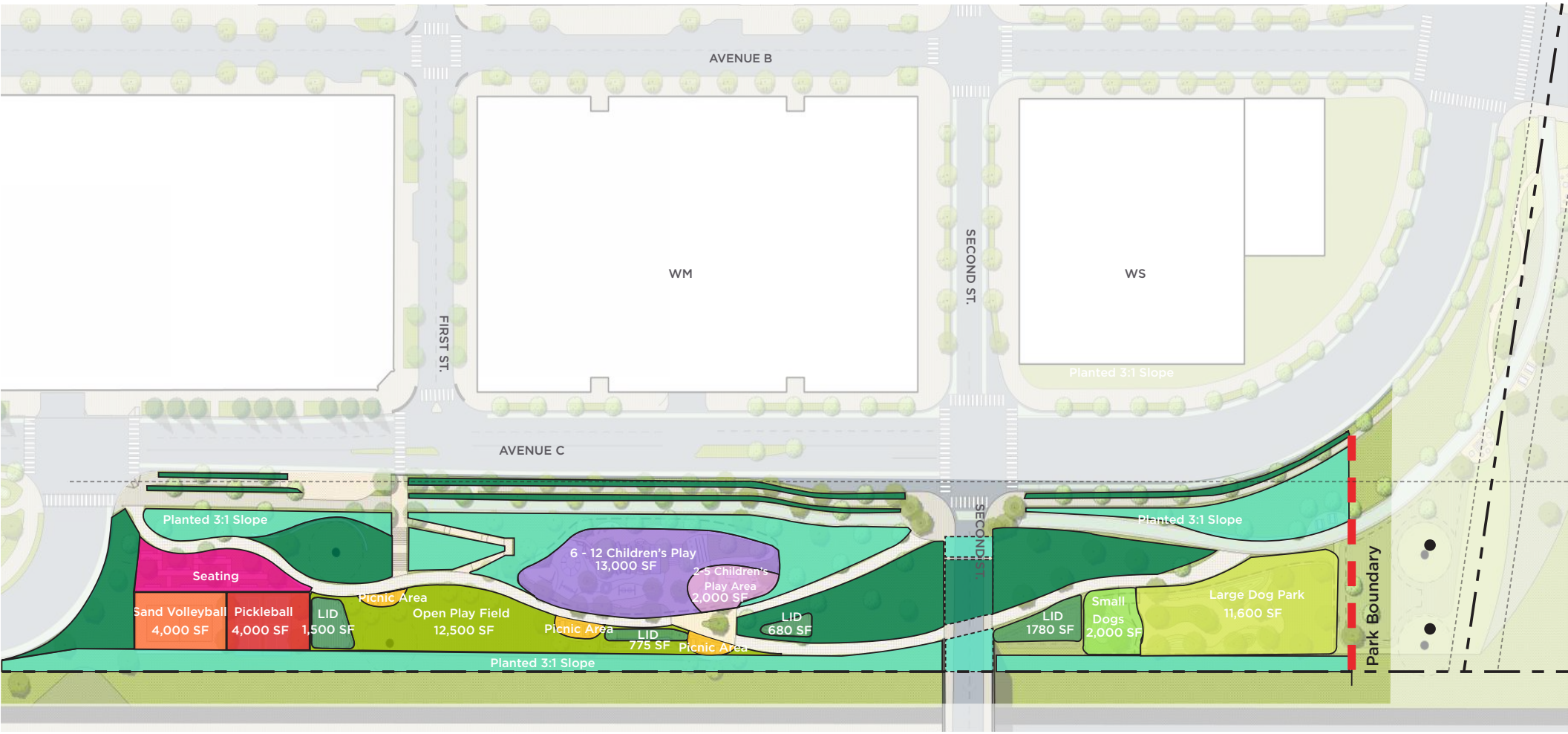
Key Result from Public Outreach: Concern for public parking access
Solution: Label public parking for park visitors

East Neighborhood Park | Earthen Slope Typical Section



East Neighborhood Park Width 177'

East Neighborhood Park | Area Takeoffs



Easements

Property Line

Park Boundary

LID 0.11 Acres

Planted 3:1 Slope 1.04 Acres

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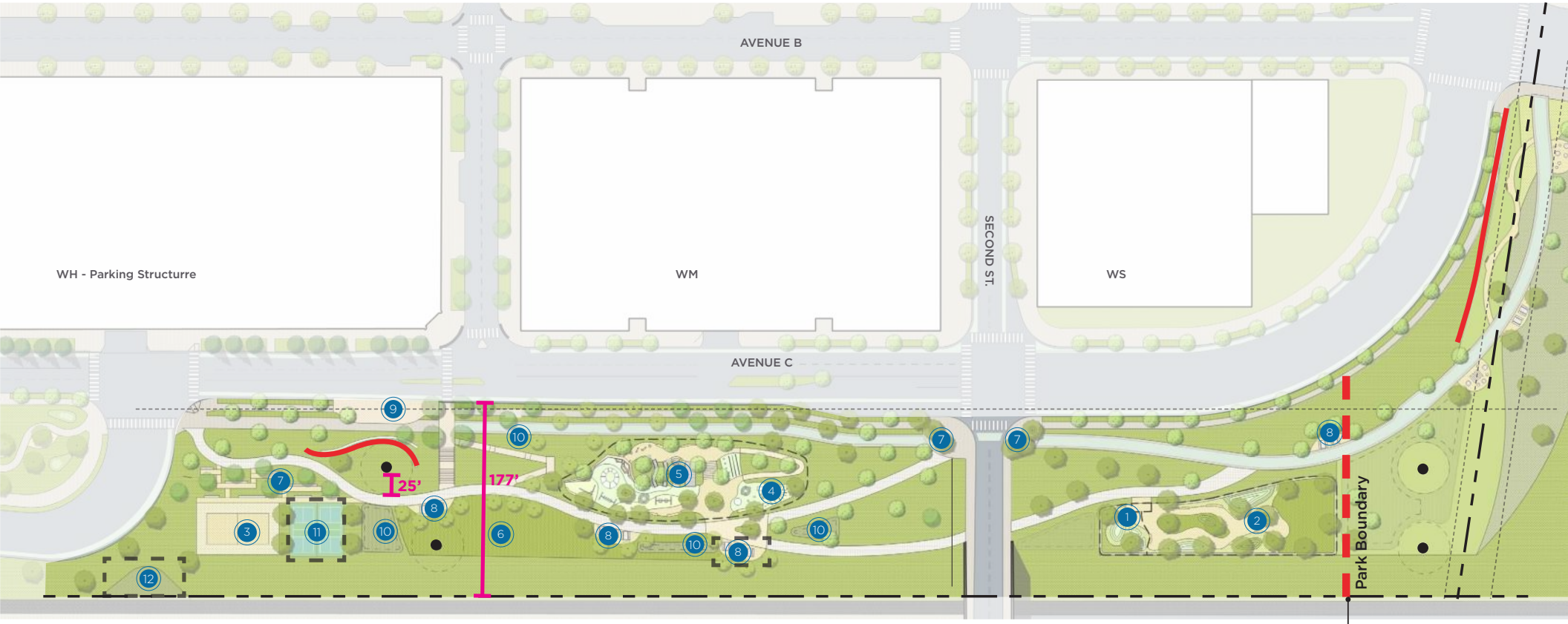
East Neighborhood Park | Programming



1. Small Dog Park
2. Large Dog Park
3. Sand Volleyball
4. Ages 2-5 Play Area
5. Ages 6-12 Play Area
6. Open Play Field
7. Sitting Area
8. Picnic Area
9. Park Layby
10. LID 4,735 SF
11. Pickle Ball
12. Pollinator Garden

Retaining Wall
Easements
Property Line

N

Key Result from Public Outreach: Sport courts highly requested; Pickle Ball most requested
Solution: One sand volley ball court replaced with two pickle ball courts

Key Result from Public Outreach: Ecologically friendly, drought tolerant planting and inclusion of a pollinator garden
Solution: Include a pollinator garden area safely away from high traffic areas

Key Result from Public Outreach: Ample seating and shade are a high priority
Solution: Addition of one more seating area and increase number of trees at all seating

East Neighborhood Park | Playground Enlargement

- Swinging
- Sliding
- Brachiating
- Free Running
- Spinning
- Climbing
- Balancing

1. Rock Climbing Wall
2. Galaxy Rigel
3. Super Frisbee
4. Cocowave Pendulum Swing
5. Spica 1
6. Spinner Bowl
7. Play Berm with Tunnel
8. Expression Swing
9. Goric Hill Slide
10. Nature Play Climbing
11. Wide Hill Slide 1.8
12. Play Bubbles
13. Wheelchair Carousel
14. Small Arc Ladder
15. Hill Climber rope with EPDM
16. Free Running Space

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East Neighborhood Park | Playground Matrix

Park Playground

Elements of Play	Ages 2-5	Level of Play	* Proposed Capacity	Ages 6-12	Level of Play	* Proposed Capacity	Total Capacity
Balancing	4	B= 1 I= 2 A= 1	10	4	B= 1 I= 2 A= 1	15	25
Sliding	3	B= 1 I= 1 A= 1	7	3	B= 1 I= 1 A= 1	7	14
Brachiating	3	B= 1 I= 1 A= 1	8	3	B= 1 I= 1 A= 1	10	18
Spinning	6	B= 2 I= 2 A= 2	6	5	B= 1 I= 3 A= 1	8	14
Climbing	6	B= 1 I= 3 A= 2	10	5	B= 1 I= 3 A= 1	25	35
Swinging	4	B= 1 I= 2 A= 1	8	4	B= 1 I= 2 A= 1	12	20
Running/Free Play	3	N/A	15	3	N/A	15	30
Total:	29		64	14		92	**156**
Inclusive Play Elements	29	B 7 I 11 A 8	10	14	B 6 I 6 A 2	20	30

Level of Play:
B: Beginner I: Intermediate A: Advanced

East Neighborhood Park | Playground Equipment

1 Rock Climbing Wall

For ages 6-12, a rock climbing wall activates climbing, stretching and navigating skills. There are different climbing paths that vary in difficulty which encourage strategical moving and thinking.

2 Galaxy Rigel

Spin, climb, meet, and play - the Rigel offers a bit of each. The Musca Spinner generates challenging centrifugal forces as one or more children send it spinning. The Jacob's Ladder, the Climbing Pole with Climbing Steps provides alternative ways to climb up and perch on the open rubber surfacing-coated triangle frame. Down below the Play shell offers a place to sit, lay or climb on, to watch the

3 Super Frisbee

Variations in stretching, climbing, and navigating. The varied access points provide opportunities for children to strengthen their muscles through climbing, as they are rewarded by the thrill of navigating the height. There are points of graduated challenge, that inspire children to return to the structure to challenge themselves each time. At ground level, people of all abilities can participate in the fun and the challenge, which supports a positive attitude toward a healthy lifestyle for all.

4 Cocowave Pendulum

With its oblong coconut rope, the Cocowave Pendulum Swing allows for swinging from a seated, lying or standing position. The swing is for bigger groups, of different sizes, ages and physical abilities. It takes teamwork to make the swing move, and this stimulates important social-motional skills. It trains muscles and important motor skills, such as balance, coordination and sense of space that train vestibular skills for e.g. navigating traffic safely. The feeling of speed and height stimulates children's self-esteem, risk management and other important social-emotional life skills.

5 Spica 1

A lot of experimentation is needed to master the Spica and control its speed. First, a child steps onto the triangular plate and pushes off with their foot. Then they discover that as they use their arms to pull their body toward the support handle, they spin faster! As they move their center of gravity away from the handle, they slow down. The Spica is one of our most popular play events.

6 Spinner Bowl

The Spinner Bowl is a load of fun for all ages! Originally designed for the purpose of experimental sand play, children loved to climb inside for a spin of their own. The Spinner Bowl is a thrilling ride that also provides the benefits of physical development through vestibular stimulation and excellent balance training. The Spinner Bowl is a playground favorite that can be

7 Play Berm with Tunnel

Encourages climbing not only through the tunnel but on the soft turfed berm. Gaining the courage to go through the tunnel creates a sweet sensation of achievement. It teaches cooperation and turn taking skills that children train when entering.

8 Expression Swing

Expression Swing promotes intergenerational play as adults and children swing together. The patented face-to-face design features a bucket seat for children under five and a comfortable adult swing seat that allows a parent and child (or grandparent and grandchild) to interact with each other and experience one another's facial expressions while at play.

9 Goric Hill Slide 2.6

Accessible to all ages. The winding curves in the slide take children to the ground at high speed. Encourages interaction with friends when going down the very same hill that they are running or climbing up or down. Apart from being great fun, sliding also trains the child's focal tracking and sense of space.

10 Climbing Stairs

A climbing challenge with a naturalistic feel. Climbing the curved slopes supports the development of physical skills such as agility, balance, and coordination while bringing children closer to nature.

East Neighborhood Park | Playground Equipment

11 Wide Hill Slide 1.8

Accessible for all ages and multiple users. Perfect for sliding with the whole family.

12 Play Bubbles

Made of a colorful and soft material, Play Bubbles, are the ideal climbing tool for ages 3-5.

13 Wheelchair Carousel

Carousel with room for a wheelchair:
Play for everyone, no matter their abilities. The huge, truly inclusive, universal design carousel attracts big groups of children and adults for a spin. The ground-level design makes the carousel accessible to everyone. The bench provides a comfortable seated spin. The handholds function from both sides. From the inside they offer good support, while from the outside they can be used to get the carousel moving. Spinning on this carousel trains the vestibular system, sense of balance and spatial awareness. The benefits also include training social skills, such as cooperation and empathy, by assisting friends of all abilities to spin and helping others wanting to join or exit. It is play with a purpose for all.

14 Small Arc Ladder

With its graceful arch, the Small Arc Ladder allows children to climb over and under. This rope net structure builds core strength and agility and improves overall upper body strength. The floating pedestals provide rest stops for tired arms, and also give quick access to the top of the arch.

15 Hill Climber Rope with

The fun of fundamentals make children play again and again: the Hill Climber invites and supports rappelling up steep hills. The wonderful combination of stemming the feet into the hill, holding tight to the rope and leaning back, walking upwards is a repeatedly thrilling Experience. Apart from being great fun, the combination of movement also provides great gross motor and muscle training. Hands, arms and upper body get trained when gripping the perfectly sized rope, legs get trained walking up and core muscles are put to work when leaning back, tensioning the core. The motor skill training is intense: the spatial awareness, the sense of balance and the coordination come to full use. This stimulates the overall motor confidence of the child and helps train the ability to e.g. judge distances – important in street traffic.

East Neighborhood Park | Tree Planting Plan

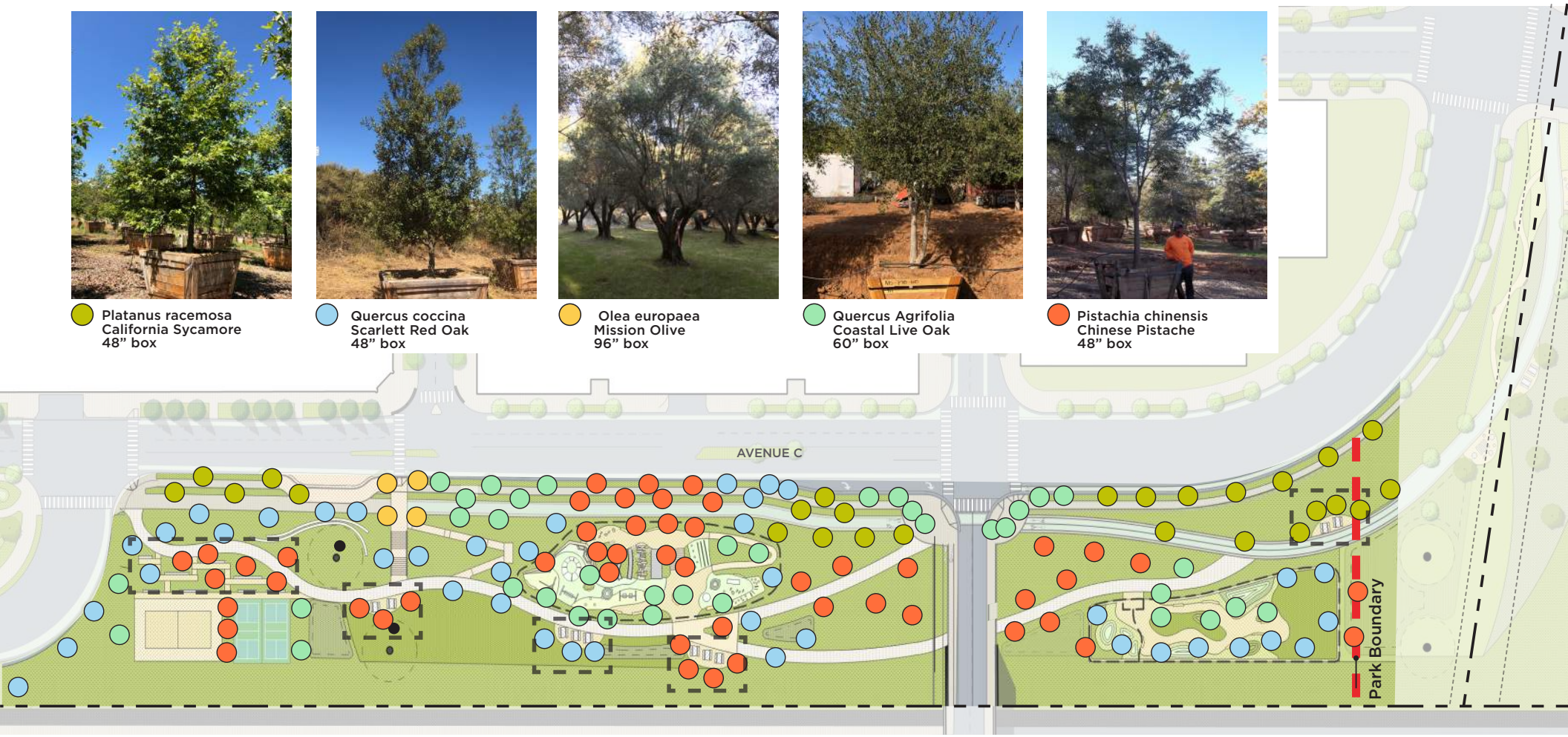
Platanus racemosa
California Sycamore
48” box

Quercus coccina
Scarlett Red Oak
48” box

Olea europaea
Mission Olive
96” box

Quercus Agrifolia
Coastal Live Oak
60” box

Pistachia chinensis
Chinese Pistache
48” box



Easements

Property Line

Park Boundary

N

Key Result from Public Outreach: Ample seating and shade are a high priority
Solution: Addition of one more seating area and increase number of trees at all seating

East Neighborhood Park | Tree Species

Pistacia chinensis

Chinese Pistache

Height: 40' Spread: 40'
Water: Moderate,Minimal
Light: Full

A deciduous tree with vibrant and aromatic flowers and brilliant orange fall color. This specimen tree shows brilliantly year round and is a hardy tree that is wind and drought tolerant, and can tolerate part to full sun.

Pistacia chinensis multi-trunk

Chinese Pistache

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Light: Full

A deciduous tree with vibrant and aromatic flowers and brilliant orange fall color. This specimen tree shows brilliantly year round and is a hardy tree that is wind and drought tolerant, and can tolerate part to full sun.

Platanus racemosa

California Sycamore

Height: 40'-60' Spread: 40'-50'
Water: Minimal
Light: Full

A picturesque fast growing long lived California native deciduous tree that can grow to as tall as 100 feet but more typically is seen around 40 to 50 feet. The wide-spreading branches are often twisted or leaning with reddish-brown bark peeling off to expose the white wood underneath in a mottled pattern. Before fall the deeply lobed leaves turn brown sometimes staying on the tree until early spring.

East Neighborhood Park | Tree Species

Platanus racemosa multi-stem

California Sycamore

Height: 40'-60' Spread: 40'-50'
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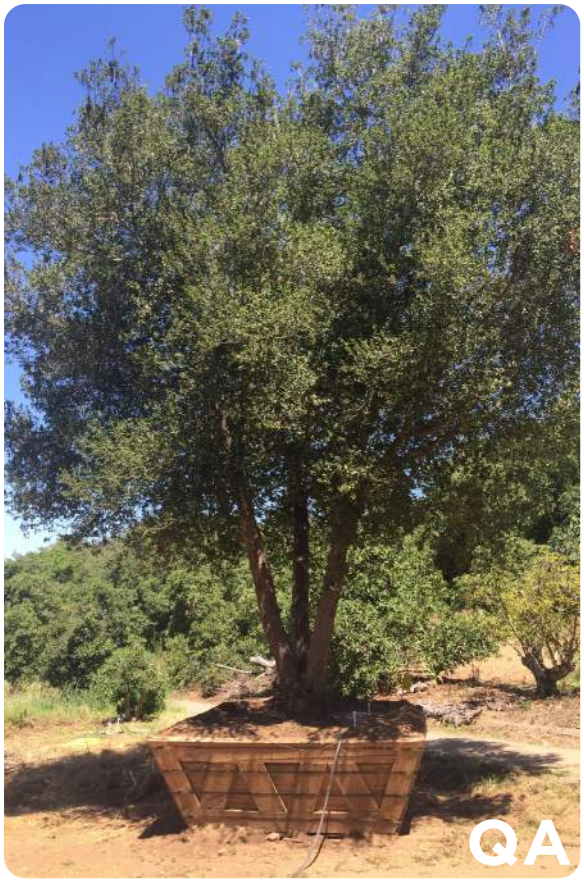
Quercus agrifolia

Coastal Live Oak

Height: 30'-60' Spread: 40'-70'
Water: Moderate
Light: Full

A large evergreen tree native to Southern California. Rounded head and dense foliage, Smooth dark gray bark with convex, stiff, leathery dark green leaves, tooth edged and holly-like. Large canopy makes this tree a good shade tree.



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East Neighborhood Park | Tree Species

Quercus coccina

Scarlet Oak

Height: 40'-60' Spread: 30'-40'
Water: Moderate, Minimal
Light: Full

A medium sized, deciduous tree of the red oak group. Pyramidal in youth but spreads to a broad open crown with age. Typically grows at a moderately fast rate to a height of 40-60' (to 100' in the wild). Shiny, dark green leaves (6-8" long) with deep, spiny lobes (usually 7-9 lobes). Fall color appears late, but is often a respectable brownish red.

Olea europaea

Mission Olive

Height: 25'-35' Spread: 20'-30"
Water: Moderate, Minimal
Light: Full

A distinctive evergreen tree growing with an upright habit. The olive is one of the most widely recognized trees around the world and is one of the most symbolic and characteristic garden plants in Mediterranean regions around the world. It is tolerant of heat and summer drought and can tolerate heavy pruning.

East Neighborhood Park | Second Street Gateway Plaza

East Neighborhood Park | Drop-off Arrival

East Neighborhood Park | Regional Bike Trail

East Neighborhood Park | Kids Play

East Neighborhood Park | Kids Play

East Neighborhood Park | Kids Play

East Neighborhood Park | Kids Play

East Neighborhood Park | Kids Play

East Neighborhood Park | Dog Park

East Neighborhood Park | Large Dog Park

East Neighborhood Park | Small Dog Park

OJB LANDSCAPE ARCHITECTURE