



Lakewood Park Renovation Project

Bennett Chun, Senior Engineer
September 13, 2023



Park Background

- Lakewood Park

- ♦ 11+ acres, established 1964
- ♦ “Outer Space” theme
- ♦ Various improvements over the years including:
 - New Restrooms in 1995
 - Skate Park, Sand Volleyball and Splash Pad improvements in 2001

- Lakewood Branch Library and Learning Center

- ♦ New Library building with community room under design



Park Boundaries

- Property is divided into parcels owned by:
 - ◆ City of Sunnyvale
 - ◆ Sunnyvale School District
 - ◆ City and County of San Francisco (the Greenbelt)



Project Budget

- Budget
 - Approved budget \$16.4M
 - Grant funds (County of Santa Clara) \$1.5M
 - Total budget for design and construction \$17.9M



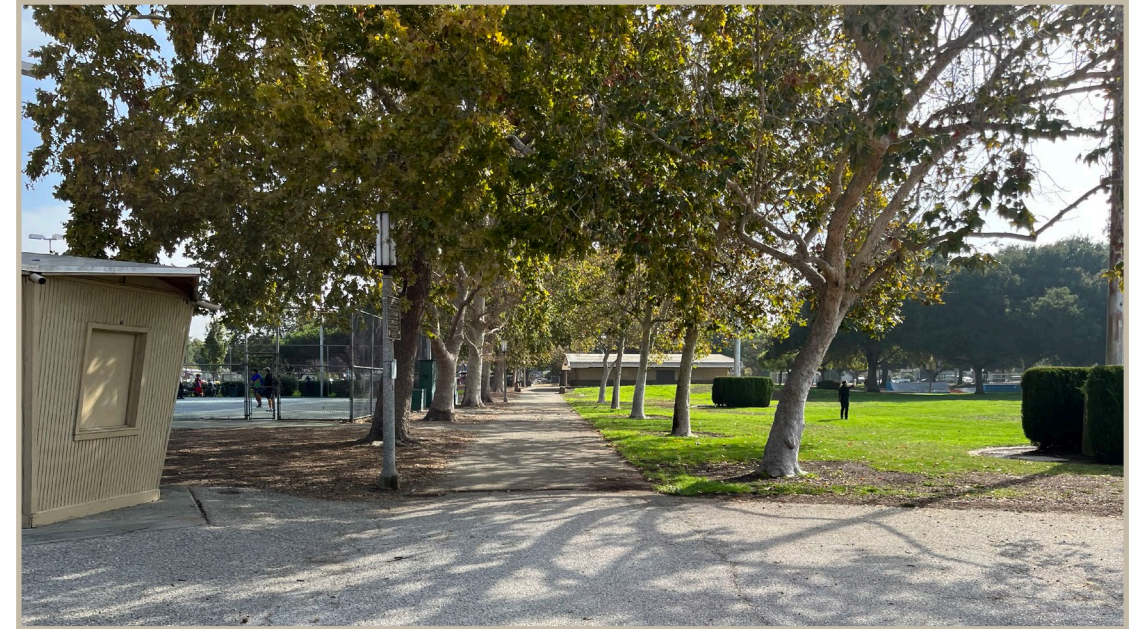
Project Scope and Goals

- **Approved Capital Improvement Project**
 - Renovation of park site, not including modifications to the greenbelt
 - Replacement of the athletic field with synthetic turf and bleachers/fencing
 - Addition of a dog park
 - Replacement of concessions shack, maintenance and restrooms with modular buildings
 - New energy efficient lighting
 - Replacement of playgrounds
 - Replacement of portions of landscaped and ornamental grass areas
- ♦ **Design Goals**
 - Enhance recreational opportunity
 - Reduce maintenance costs
 - Reduce water usage



Project Milestones

- Community Outreach
 - ♦ Community Meeting #1 1/12/23
 - ♦ Online Survey #1 1/19/22- 2/2/22
 - ♦ Community Meeting #2 5/4/23
 - ♦ Online Survey #2 5/5/23- 5/22/23
 - ♦ Park Pop-Up 5/9/2023
 - ♦ Community Meeting #3 7/26/23
- City Review
 - ♦ **PRC Meeting TONIGHT (9/13)**
 - ♦ City Council Review 10/24/23
- Construction Drawings – Spring 2024
- Bidding – Summer 2024
- Construction Phase – Summer 2024-Fall 2025



Community Input Process - Timeline

**Park Pop-Up
(5/8/23)**

**Community
Meeting #1
(1/12/23)**

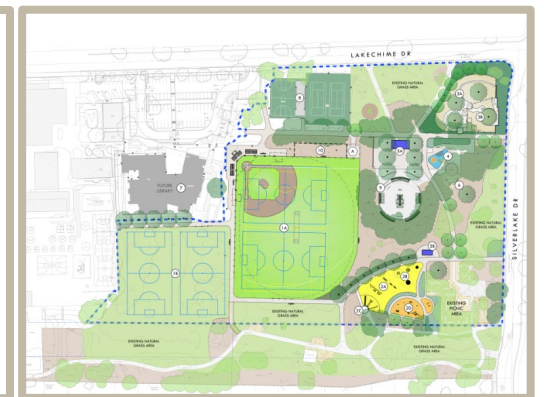
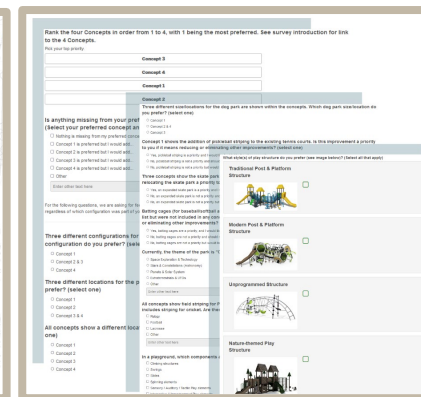
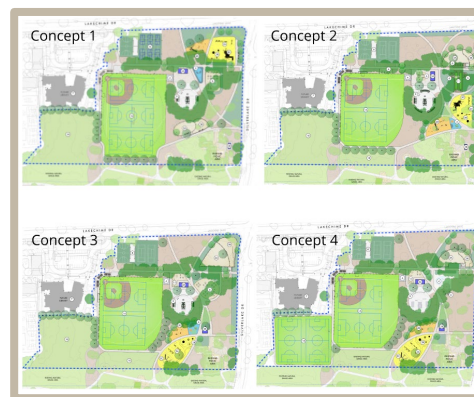
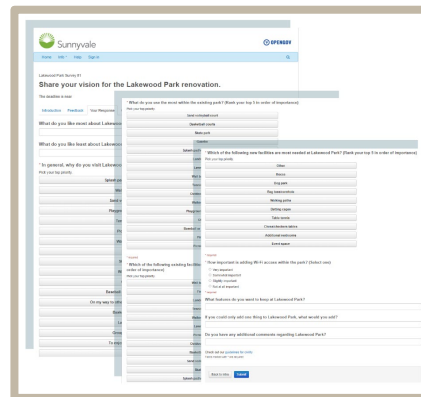
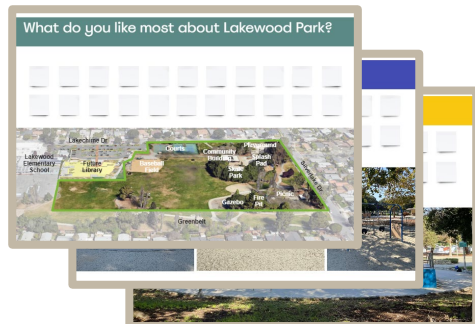
**Online
Survey #1
(1/19/23-2/2/23)**

**Community
Meeting #2
(5/4/23)**

**Online
Survey #2
(5/5/23-5/22/23)**

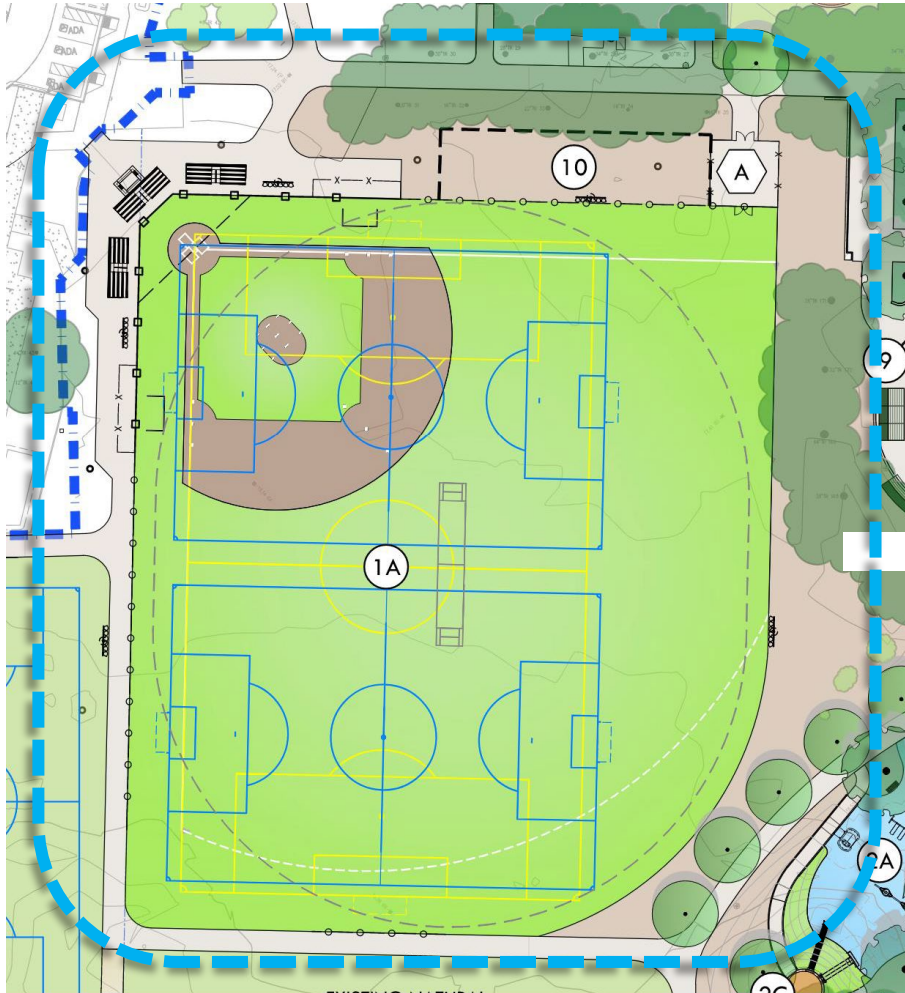
**Community
Meeting #3
(7/26/23)**

- Likes and Dislikes, Wants
- Use/demographic questions
- 4 concepts presented
- Feedback on program elements
- 1 site plan presented
- Feedback on layout and program elements



City of Sunnyvale – Lakewood Park Renovation Project – September 2023

Multi-Use Synthetic Turf Field

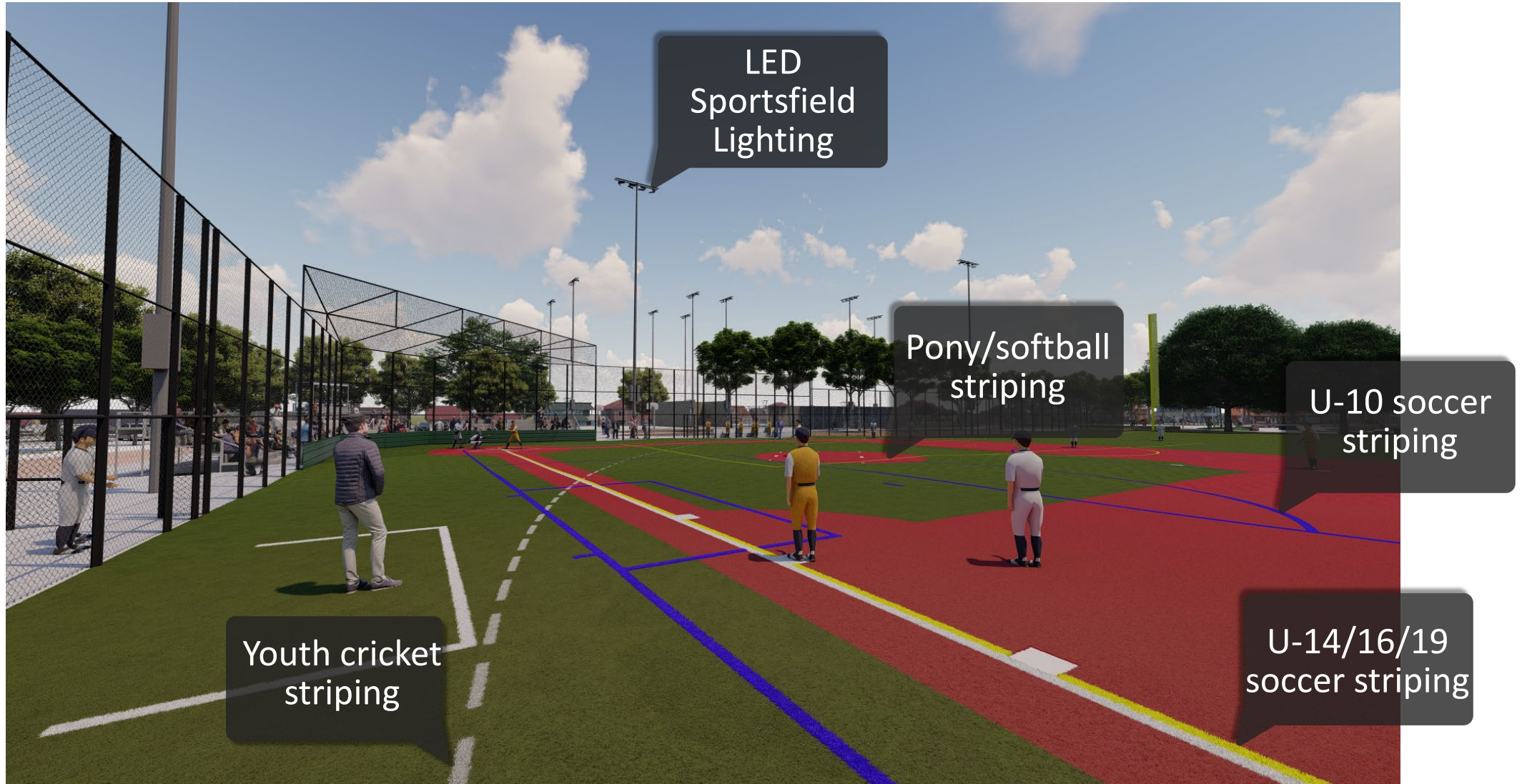


- Lined for Multiple Sports
 - ◆ Pony Baseball/Softball (265' foul, 315' center)
 - ◆ U-14/16/19 Soccer Field (70 x 110 yd) (yellow)
 - ◆ (2) U-10 Soccer Fields (45 x 65 yd) (blue)
 - ◆ Youth Cricket Field (90 x 110 yd) (grey)
- New LED Sportsfield Lighting
- Fencing
 - ◆ Hooded backstop
 - ◆ 20' & 16' fencing along 1st & 3rd base lines
 - ◆ Open (no fencing) at 50% of perimeter

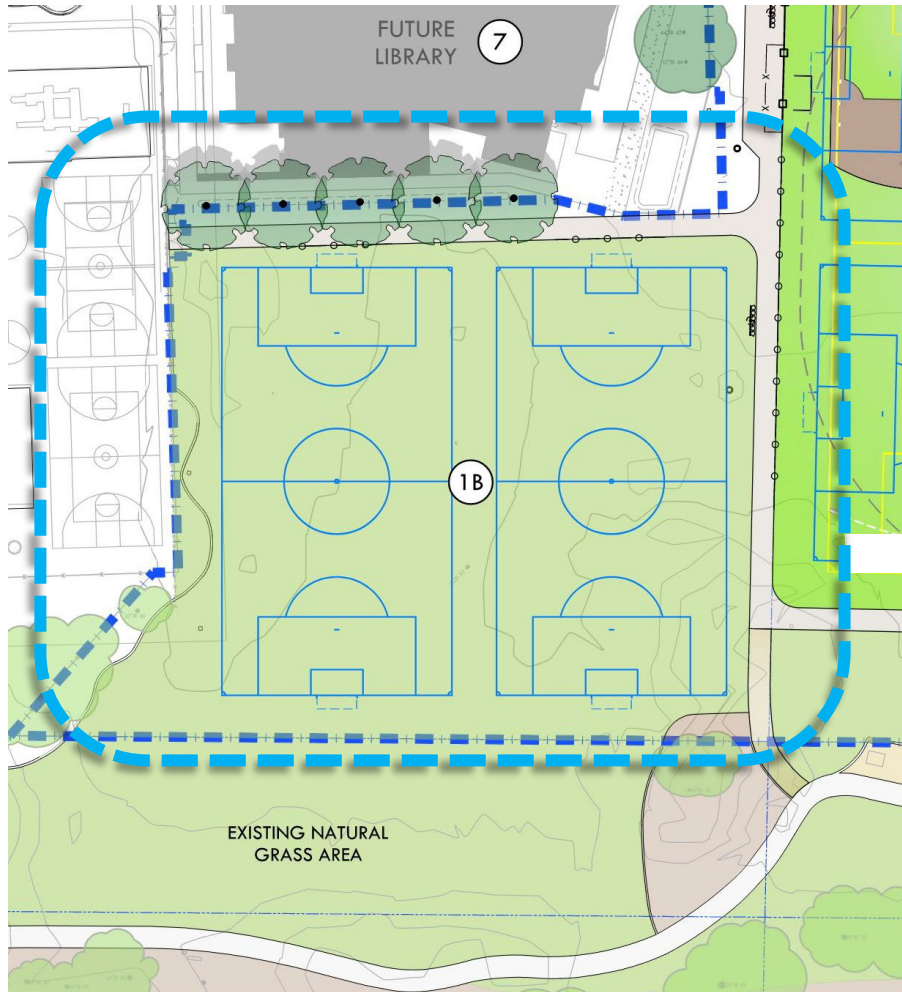
Multi-Use Synthetic Turf Field – Perspective 1



Multi-Use Synthetic Turf Field – Perspective 2



Natural Grass Field



- Renovated Natural Grass Field
 - ◆ Space for (2) U-10 Soccer Fields (45 x 65 yd) (striping shown for reference only)
 - ◆ No LED lighting
 - ◆ 16' foot-tall fence behind soccer goal areas to block errant balls
 - ◆ Shade tree buffer between fields and new library building

Natural Grass Field – Perspective 1

Tree buffer
between field
and library

Space between fields
for spectators to
bring chairs and
canopies

Natural grass
fields with room
for (2) U-10
soccer fields



Natural Grass Field – Perspective 2

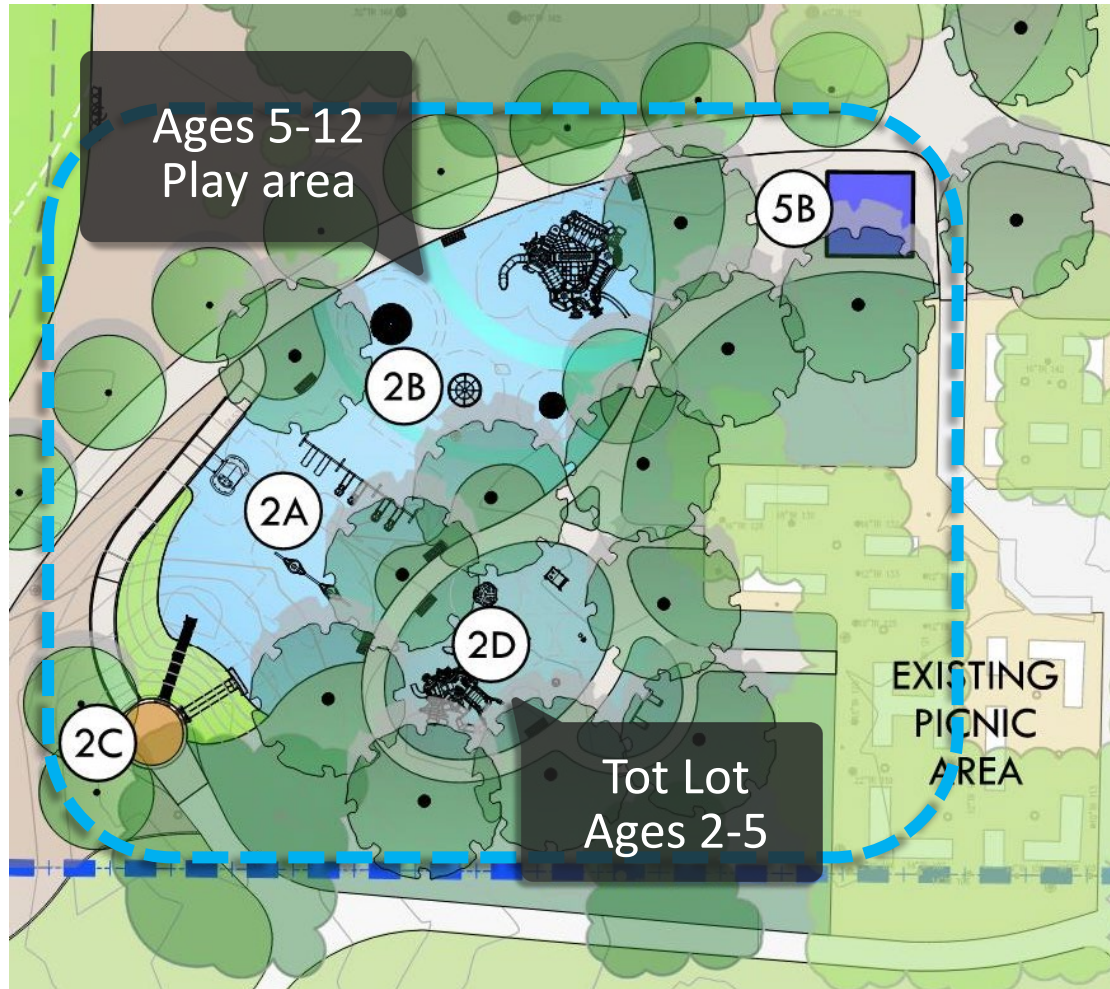


16' tall fencing
behind soccer
goals

16' tall fencing
between park
and school
multi-use field

Natural grass
fields with room
for (2) U-10
soccer fields

All-Inclusive Playground Area



- Made possible by a grant from the County of Santa Clara's All-Inclusive Playground Grant Program
- Separate play areas for children aged 2-5 and 5-12
- Accessible poured-in-place surfacing
- Shade trees and planting buffer at edges to buffer from adjacent spaces
- Benches for parents and caretakers

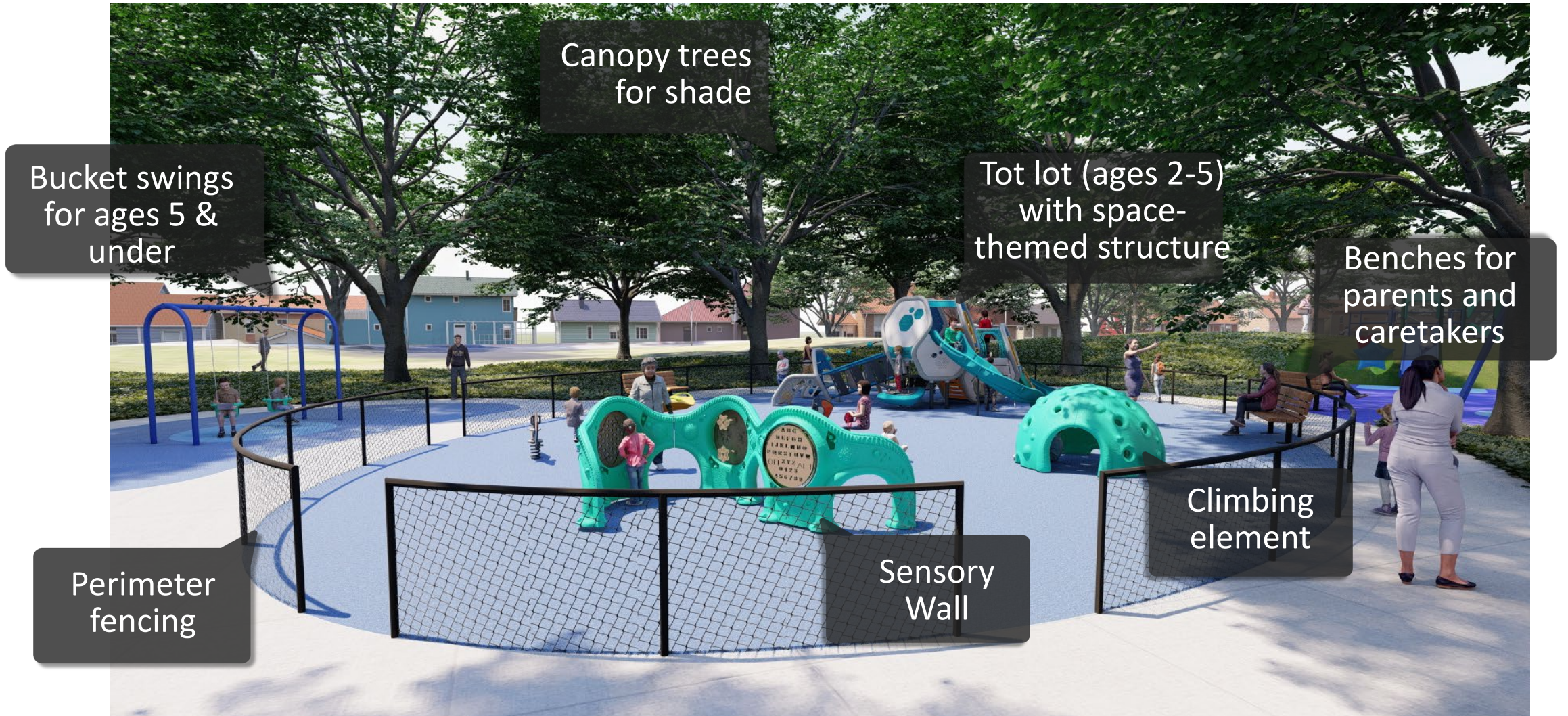
Playground Area – Perspective 1



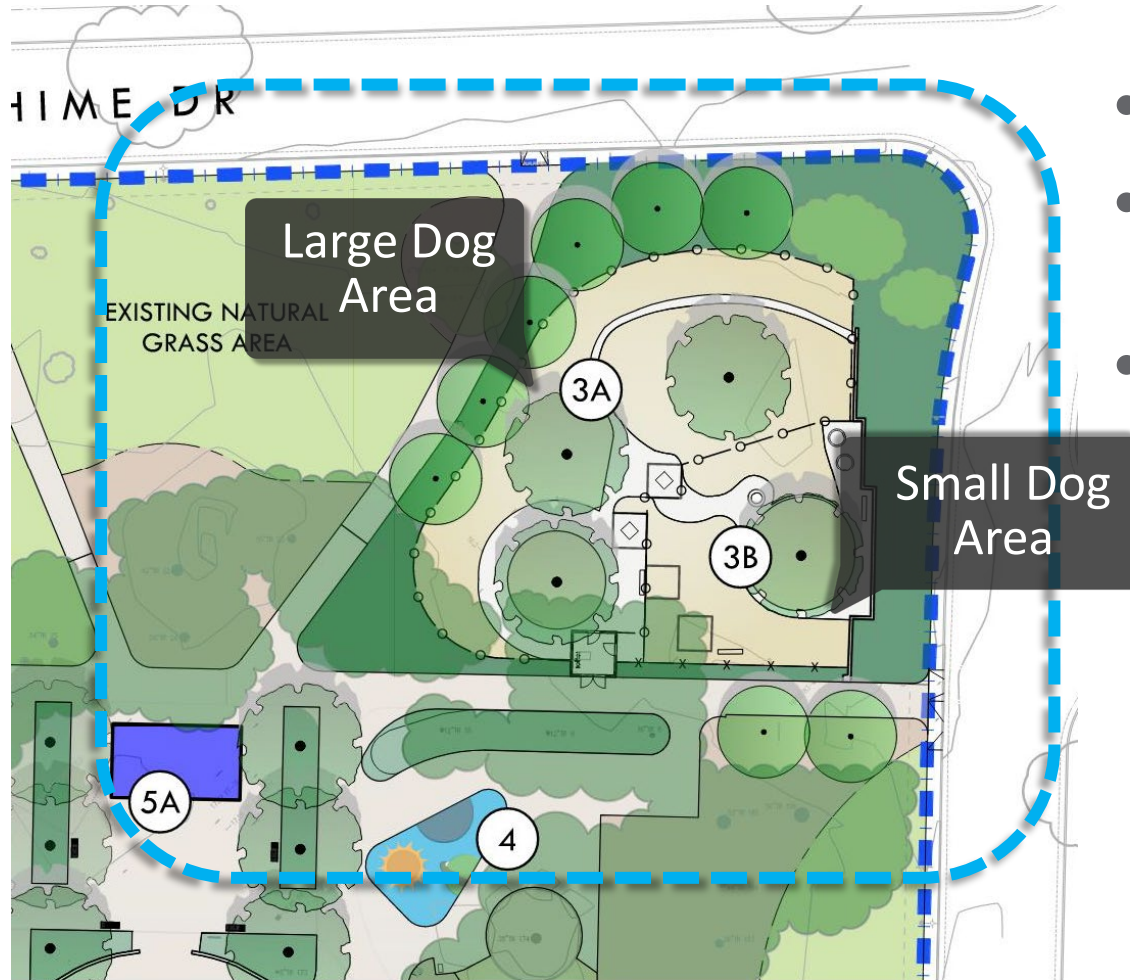
Playground Area – Perspective 2



Playground Area – Perspective 3



Dog Park



- Areas for Large & Small Dogs
- Reuse existing playground paving, stone wall, and site furnishings (arbors, tables, & benches)
- Additional shade trees, benches, and drinking fountain

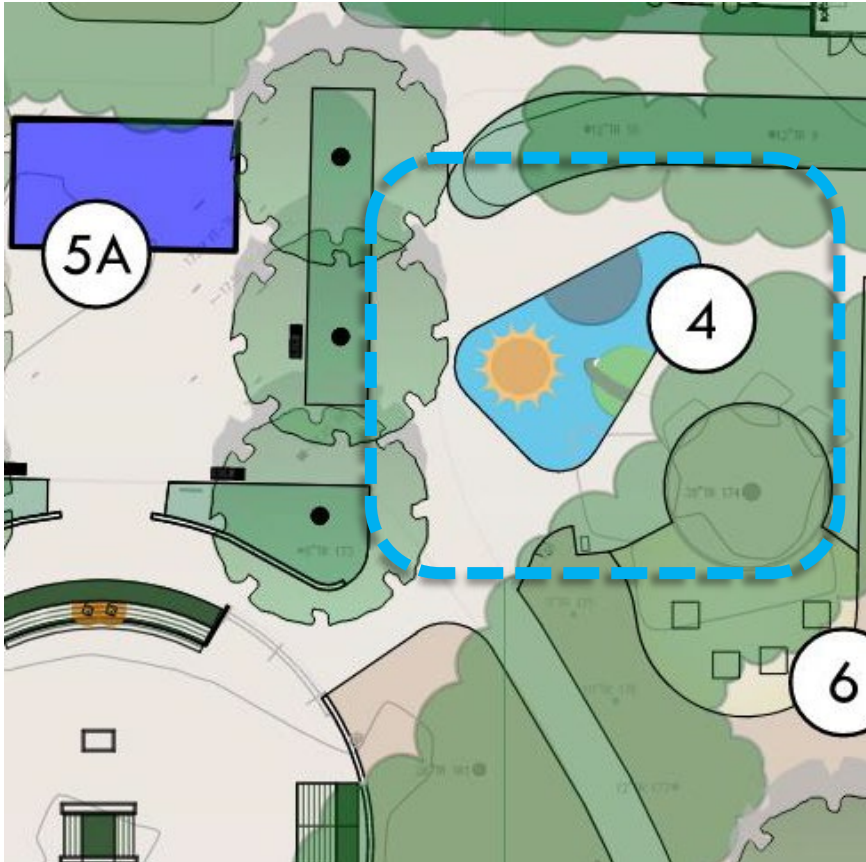
Dog Park– Perspective 1



Dog Park– Perspective 2



Splash Pad



- New splash pad equipment & surfacing that reflect the “Outer Space” theme
 - ◆ Mist element
 - ◆ Interactive spray elements
 - ◆ Ground spray elements
- Non-recirculating system
- Controlled on a timer

Splash Pad – Perspective

New restroom & concessions building

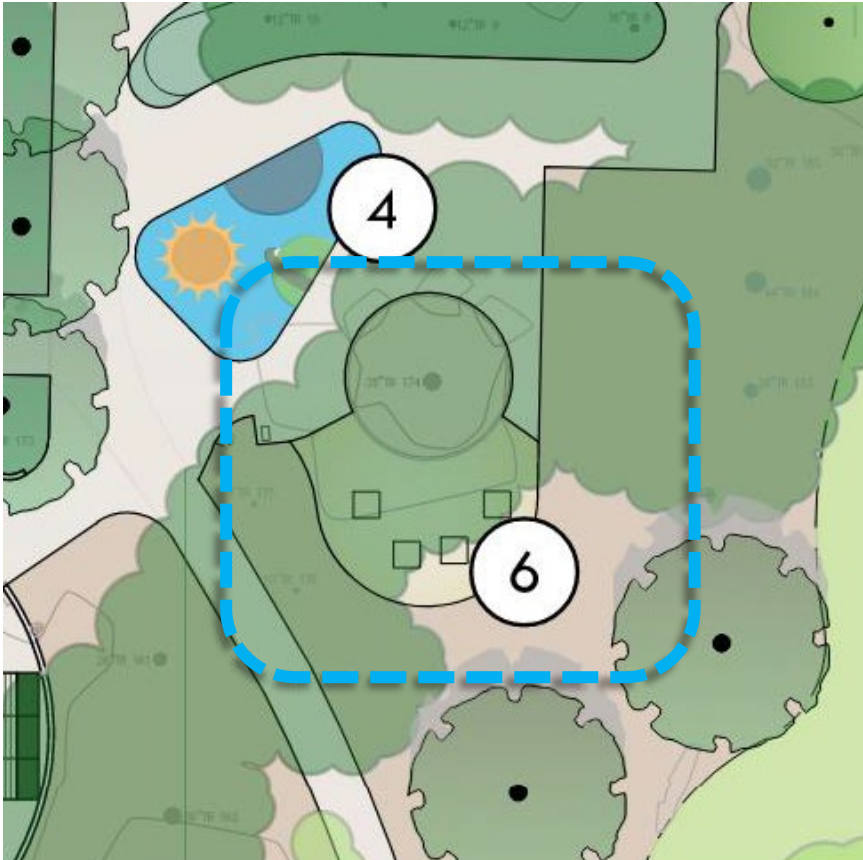
Misting Element

Ground sprays

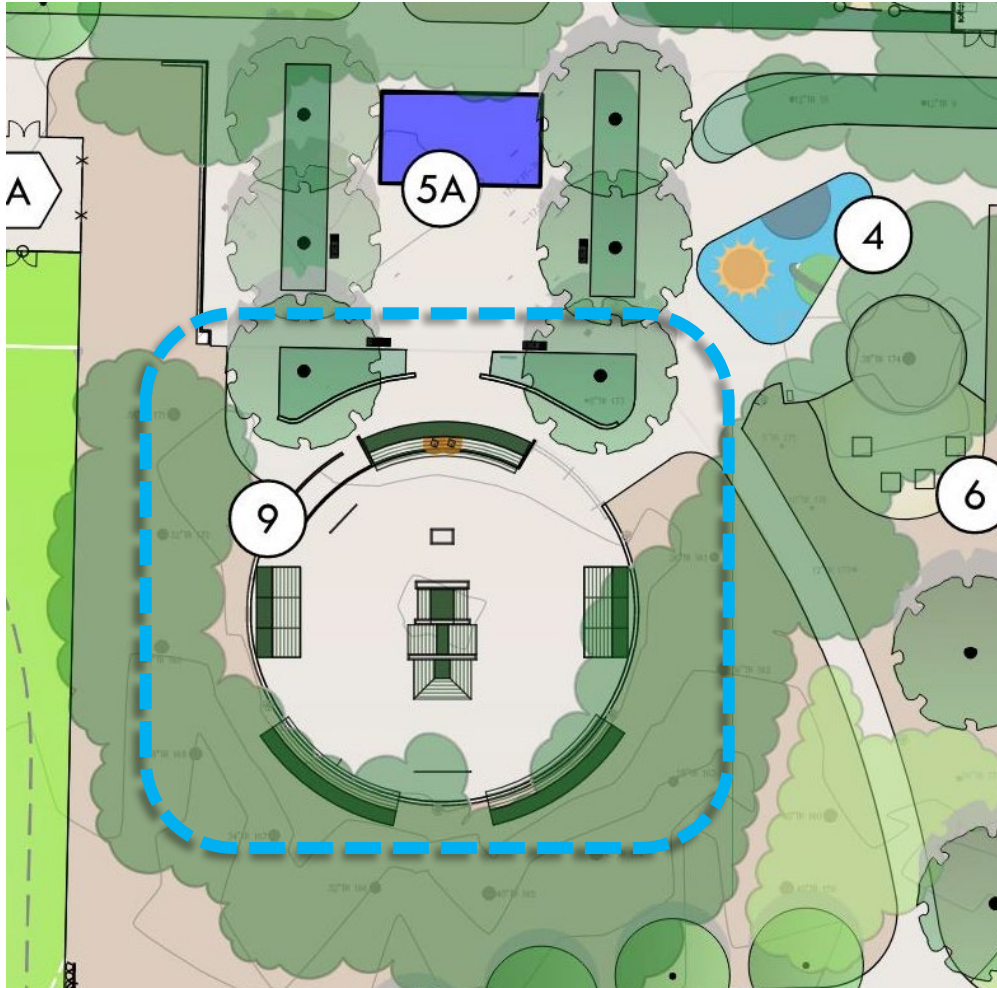
Safety surfacing with space theme

Picnic Area

- Replace existing picnic tables and surfacing



Skate Park



- Surface repairs to existing concrete
- Refurbished existing skate park features
- New quarter pipes at the perimeter

Skate Park – Perspective

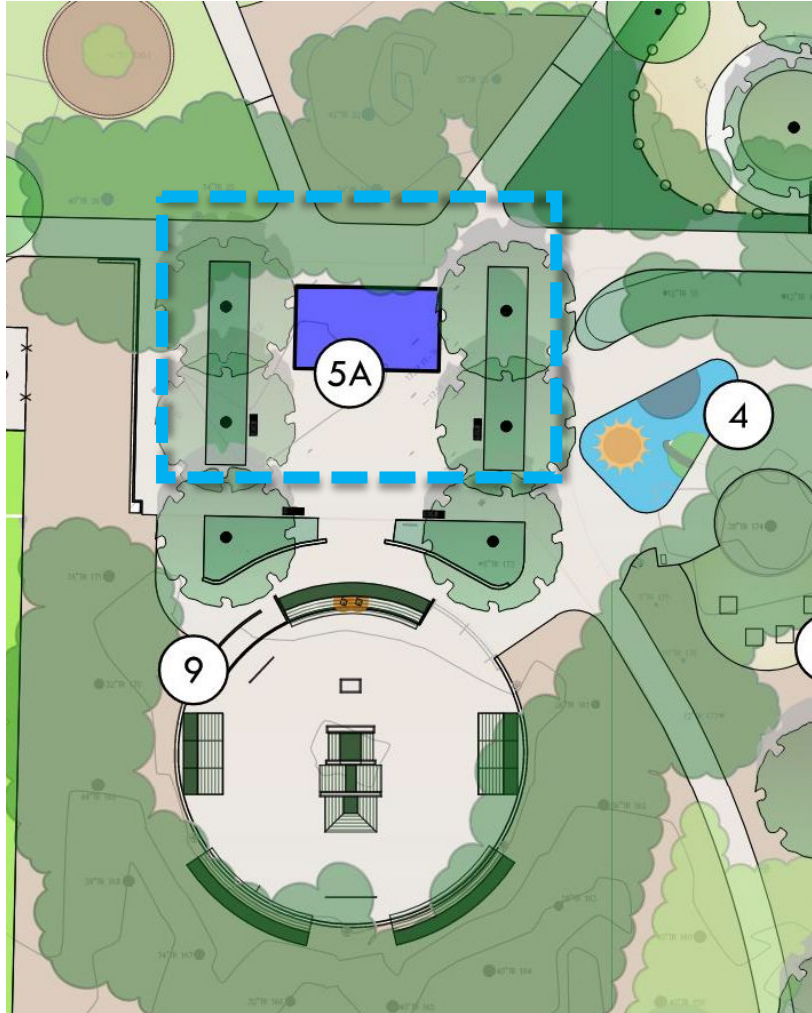


Court Lighting Improvements

- Retrofit of existing lighting at courts from HID to energy-efficient LED
- Existing courts to remain



Restroom/Concessions Building



- Prefabricated building
 - ◆ Restroom
 - ◆ Concession Stand
 - ◆ Parks and LRS Storage
- Park Community Room will be within the Lakewood Branch Library and Learning Center

Restroom/Concessions Building– Perspective 1



Plaza/
gathering area
with trees and
benches

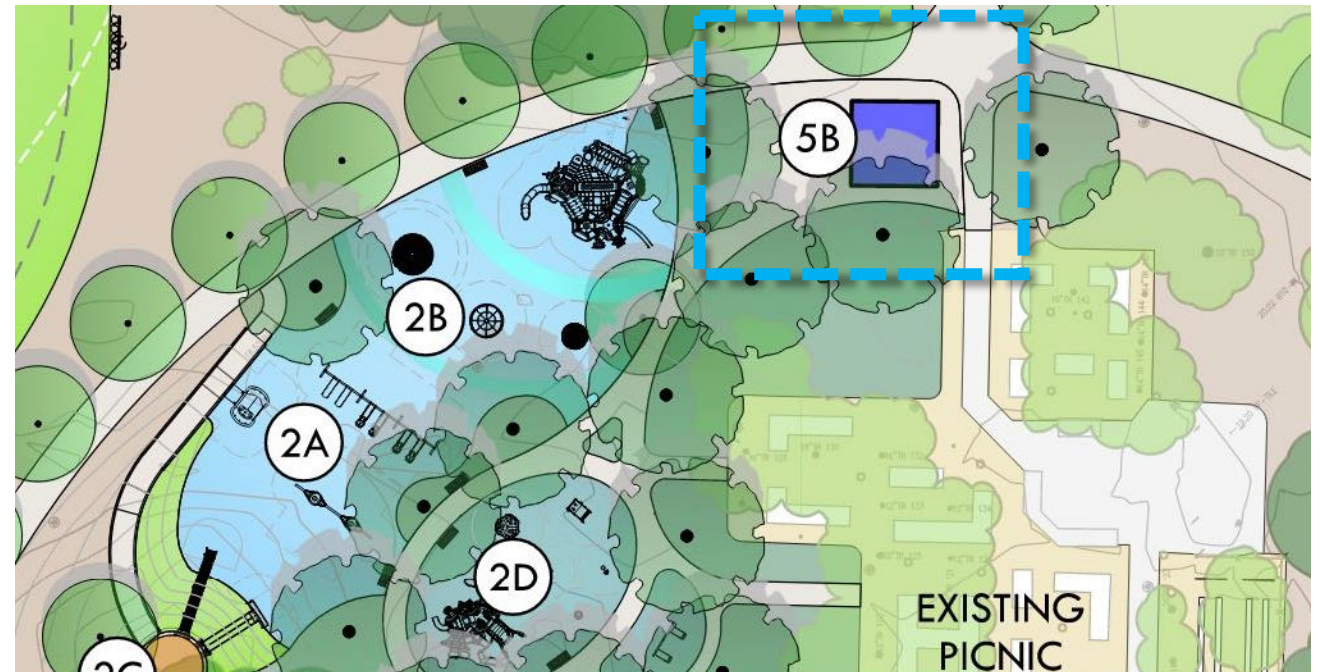
Concessions

Men's & women's
restrooms with
drinking fountain

Storage,
maintenance &
staff area

Auxiliary Restroom / Maintenance Building

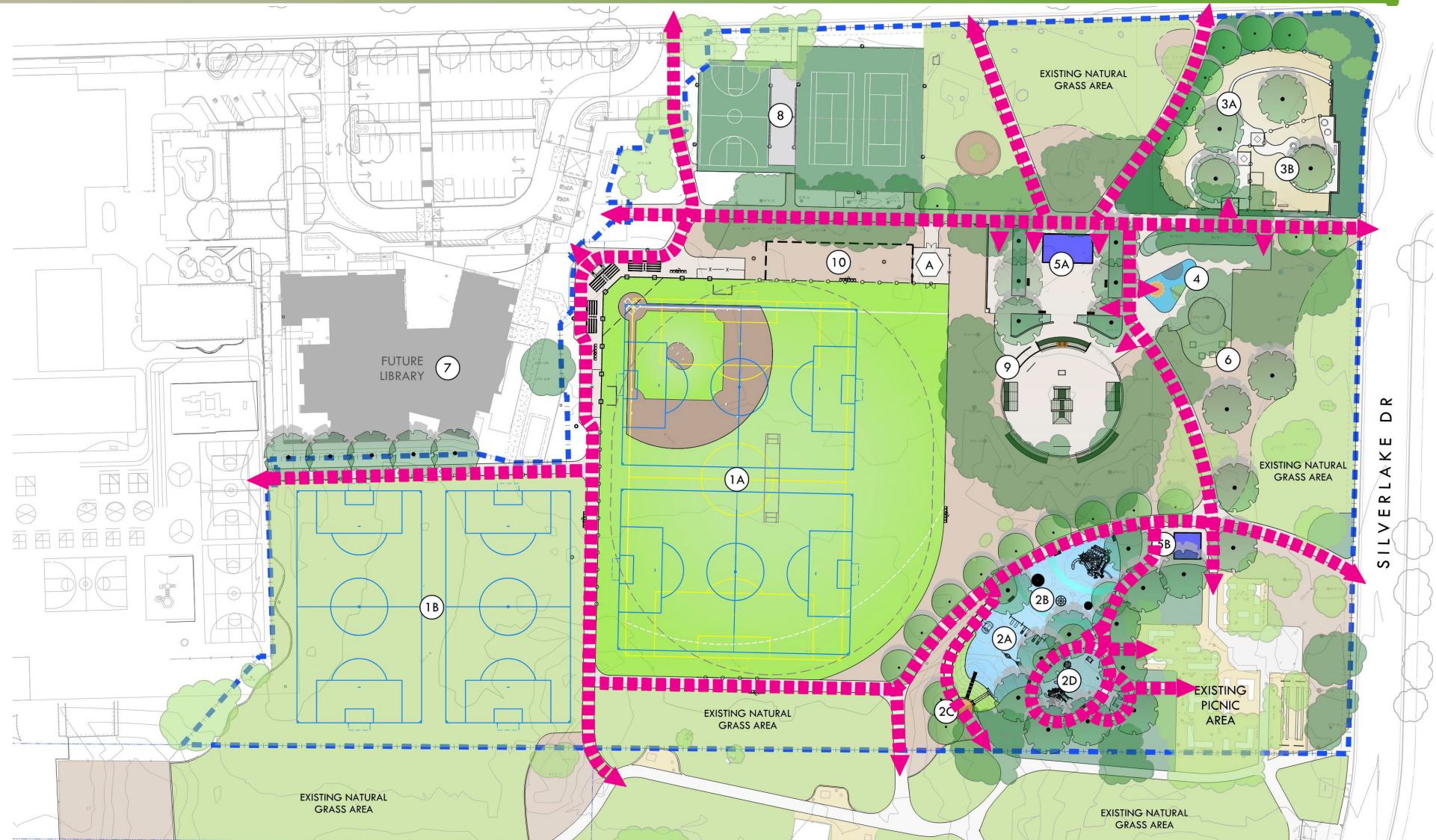
- Prefabricated building
 - ◆ Restrooms
 - ◆ Parks Maintenance Equipment Storage
 - ◆ Drinking Fountain with Bottle Filler



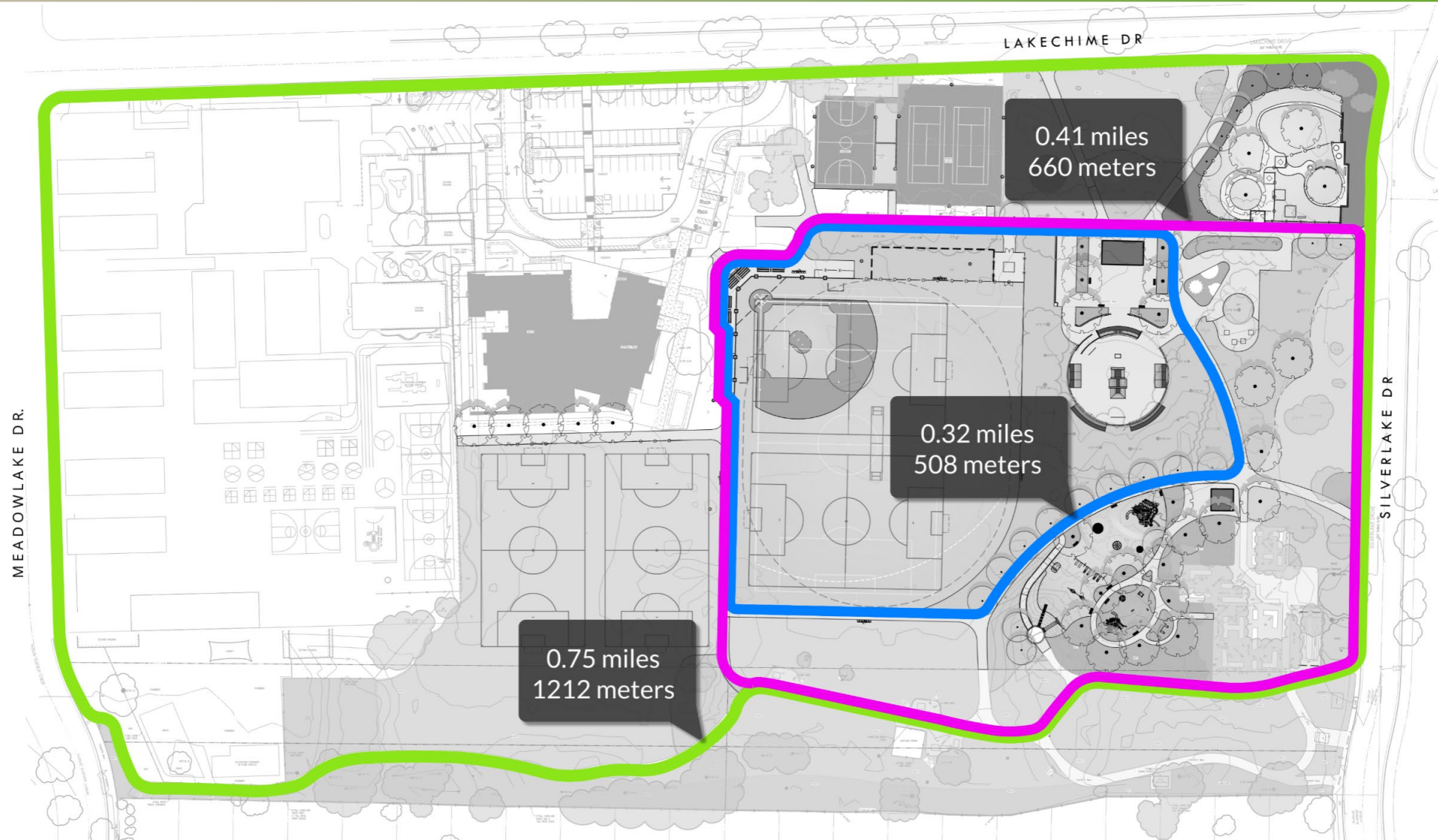
Auxiliary Restrooms / Mechanical Building – Perspective 1



Walking Paths / Circulation



Measured Walking Paths



Project Sustainability Goals

♦ Reducing water-use



- Increasing irrigation efficiency
- Reducing areas requiring irrigation
- Drought-tolerant planting
- Renovation of water play area

♦ Reducing high-maintenance areas



- Reduction of mowed grass areas
- Low-maintenance planting areas
- Drainage improvements

♦ Improving energy efficiency



- Lighting upgrades (includes sports lighting and pedestrian pathways)
- Electrical infrastructure upgrades

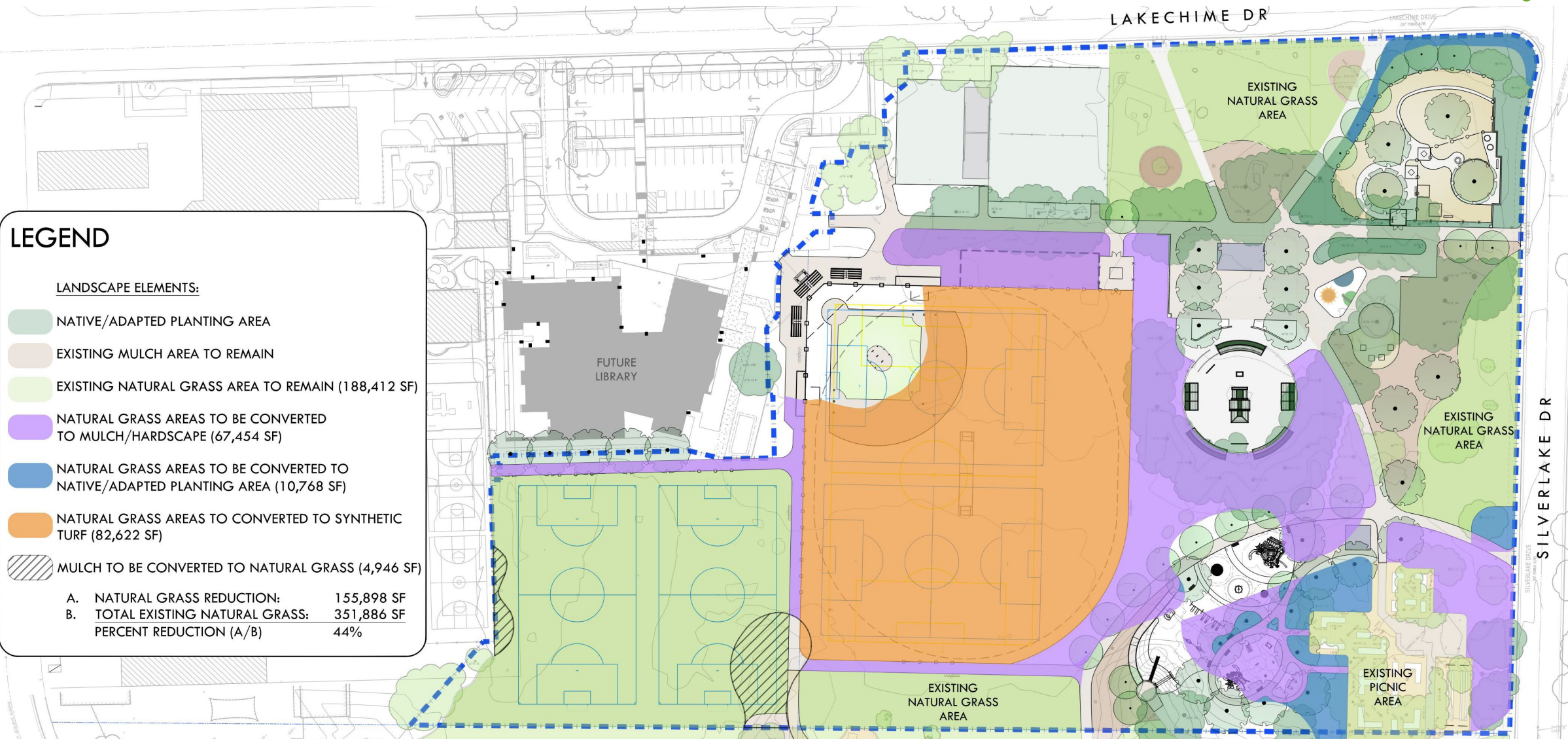
Proposed Achievements

- ✓ Efficient rotors in renovated grass
- ✓ Drip irrigation in new planting areas
- ✓ Reduced irrigation areas by 42%

- ✓ Mowed grass reduction of 45%
- ✓ 10,500 sf of low-maintenance planting
- ✓ Stormwater treatment and enhancement

- ✓ Conversion to efficient LED fixtures
- ✓ Updated wiring and lighting controls
- ✓ New & updated PG&E service

Natural Grass Reduction

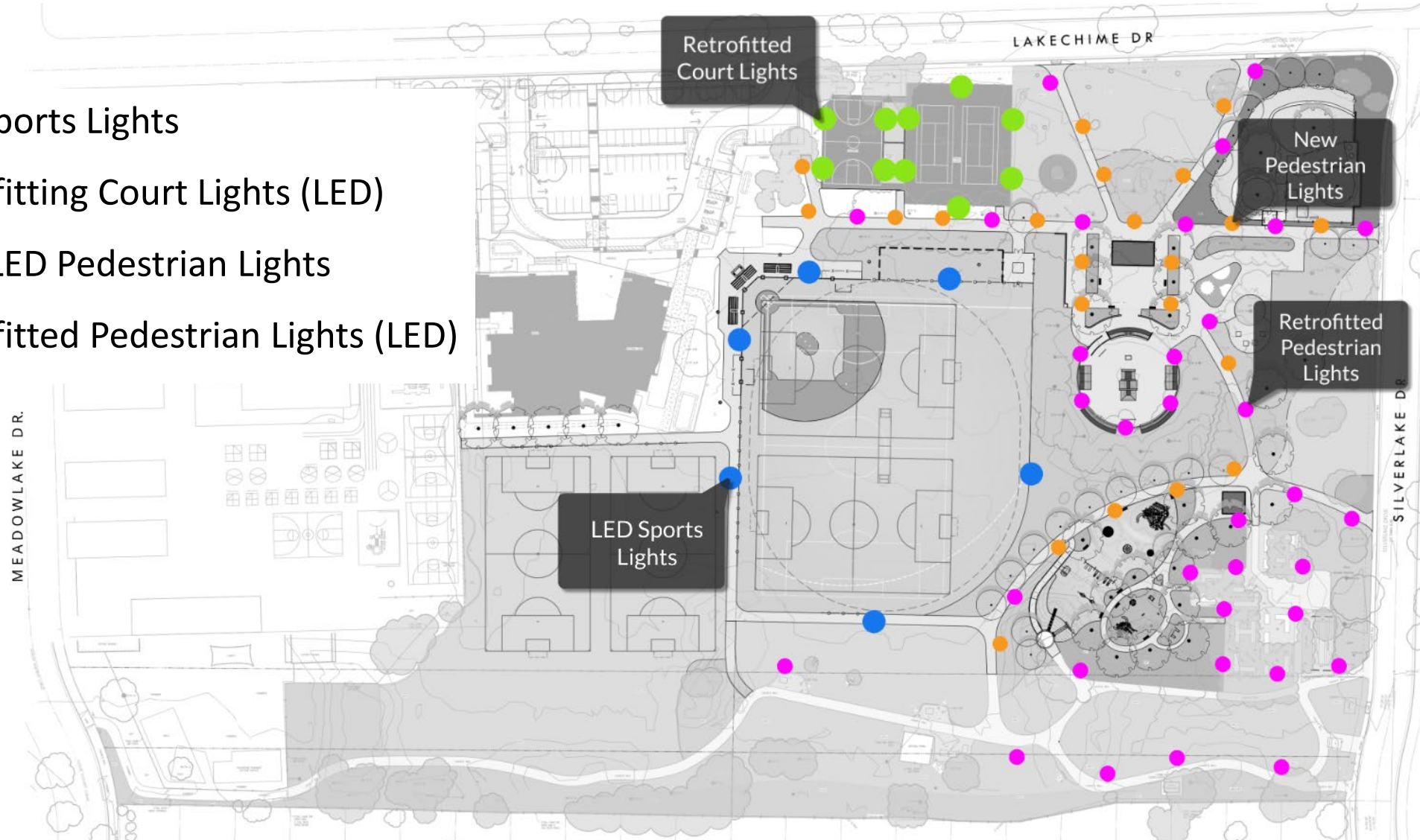


Pros and Cons: Synthetic Turf & Natural Grass

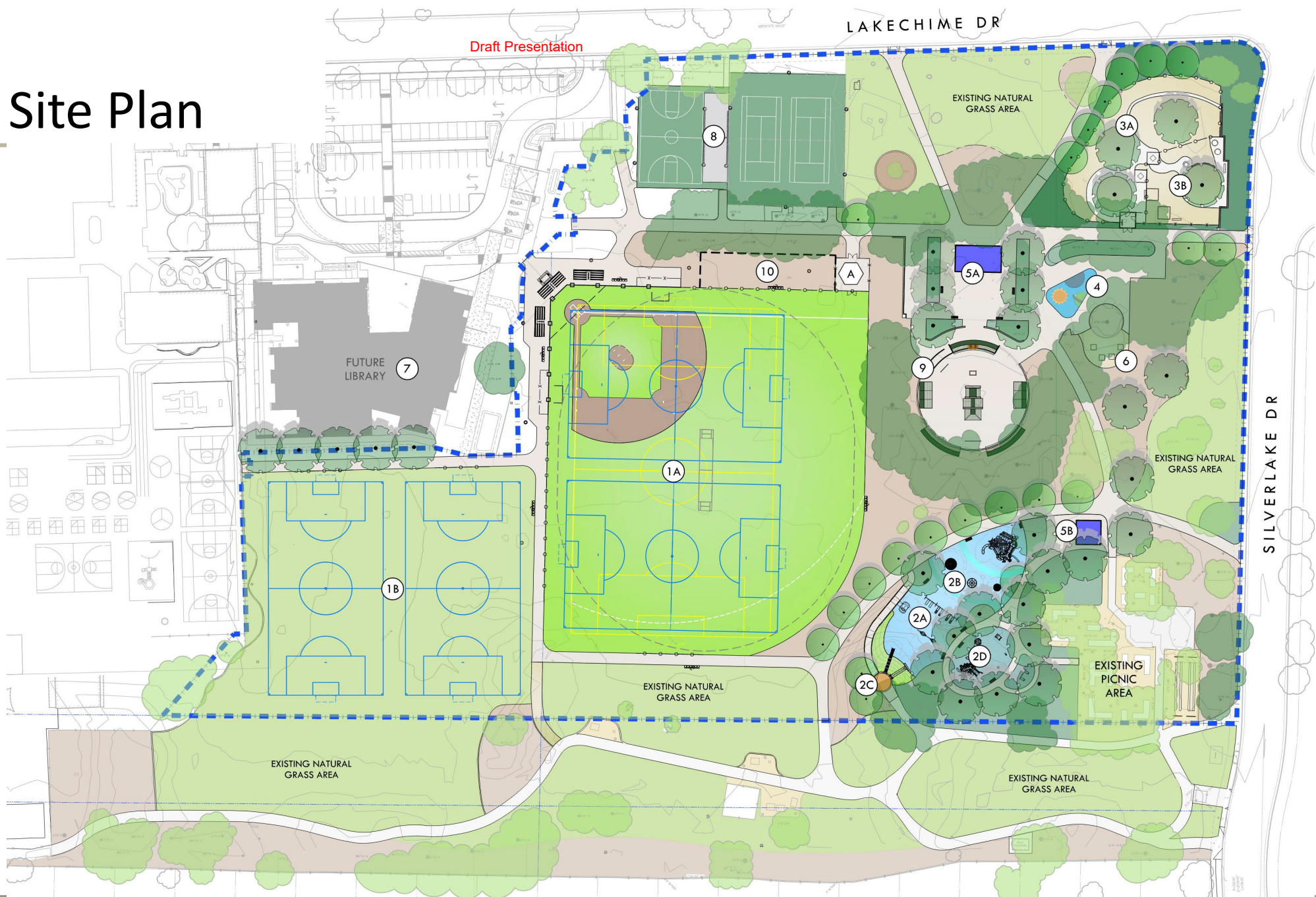
	Synthetic Turf	Natural Turf
Pros	<ul style="list-style-type: none">• Year-round play with permanent sports striping• Less water usage• Less maintenance: fertilizer, mowing, etc.	<ul style="list-style-type: none">• Easy and inexpensive to repair• Cooler than synthetic turf
Cons	<ul style="list-style-type: none">• Hotter than natural turf• Special equipment needed to maintain• Concerns over chemical composition of the material	<ul style="list-style-type: none">• Field closed 2-3 months each year for grass rejuvenation• Not drought-friendly• Maintenance intensive

Energy-Efficient Lighting

- LED Sports Lights
- Retrofitting Court Lights (LED)
- New LED Pedestrian Lights
- Retrofitted Pedestrian Lights (LED)

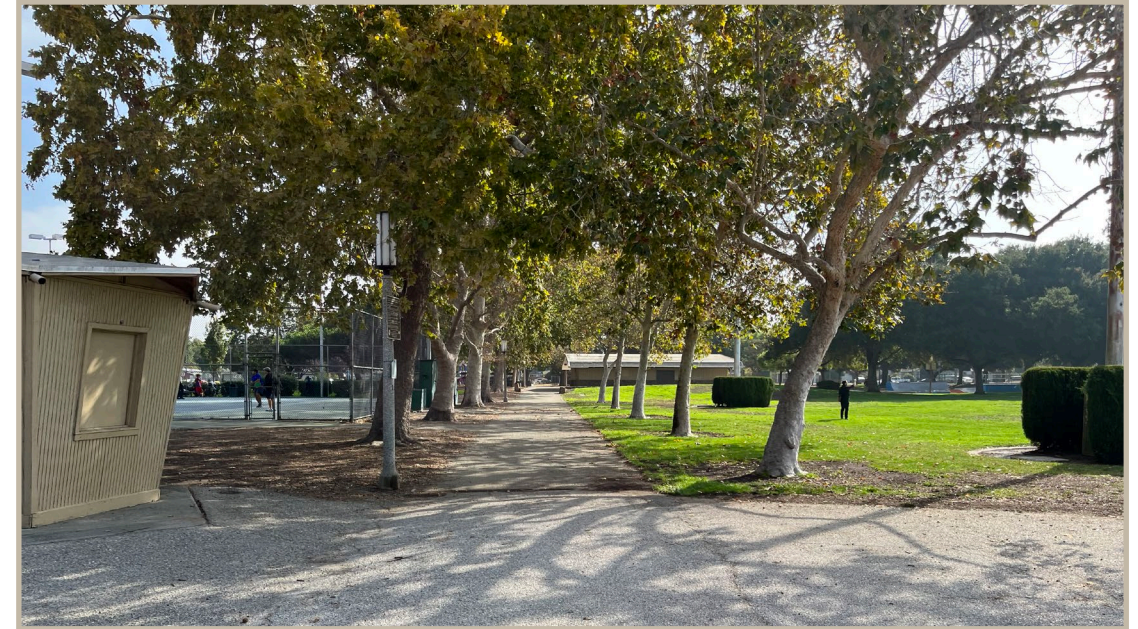


Preferred Site Plan



Next Steps

- City Review
 - ➔ City Council Review October 24, 2023
- Construction Drawings – Spring 2024
- Bidding – Summer 2024
- Construction Phase – Summer 2024-Fall 2025



Staff Recommendation

Alternative 1:

Recommend that City Council Approve the Preferred Site Plan

Questions?

