



San Francisco  
Water  
Power  
Sewer

**SEWER  
SYSTEM**  
IMPROVEMENT PROGRAM  
Grey. Green. Clean.



# Yosemite Creek Daylighting Project

REC & PARK COMMISSION CAPITAL COMMITTEE  
Presented by Omar Davis, Asst. Project Manager  
Wednesday, December 1, 2021

## Strategy 1: Inspire Public Space

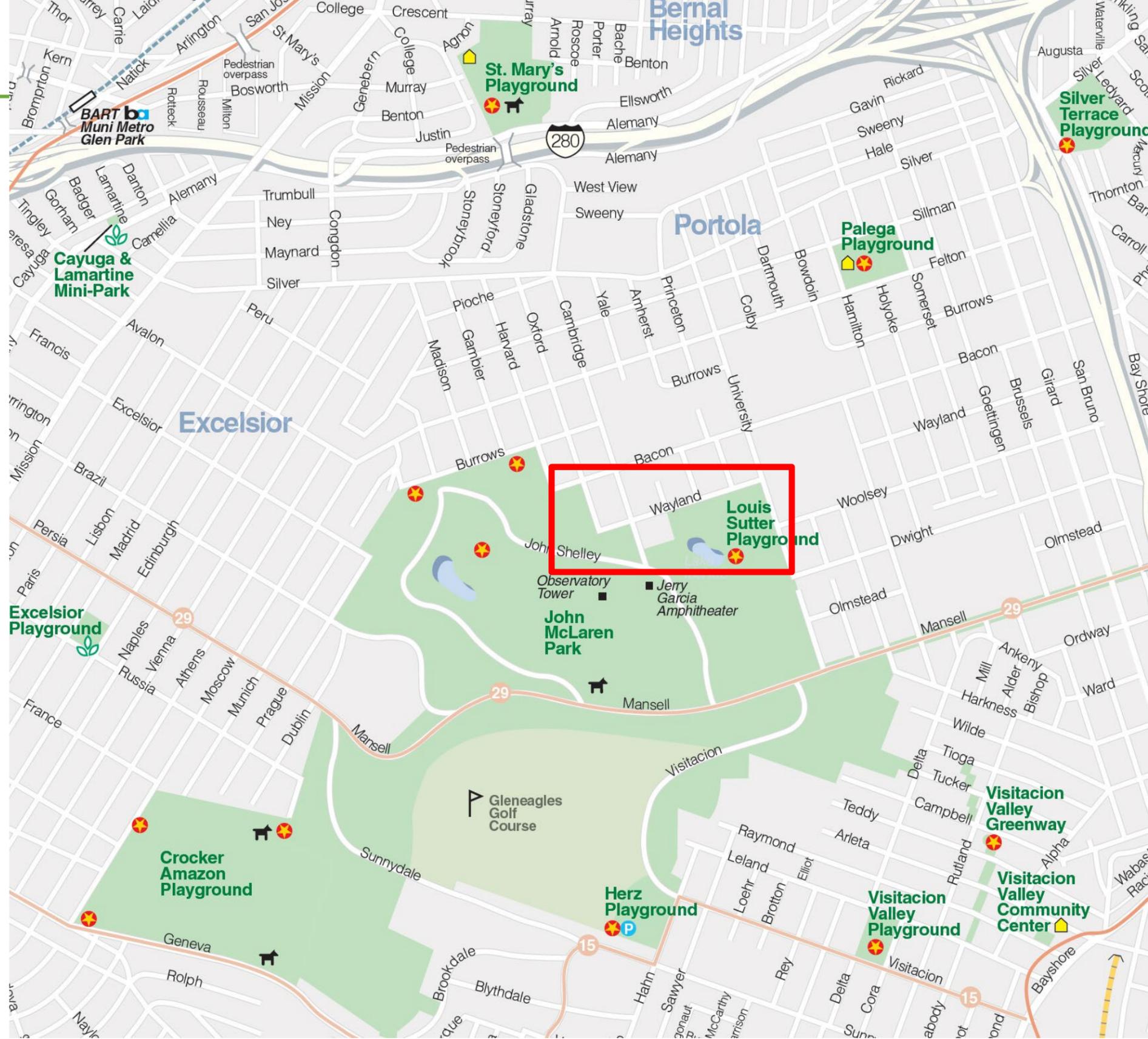
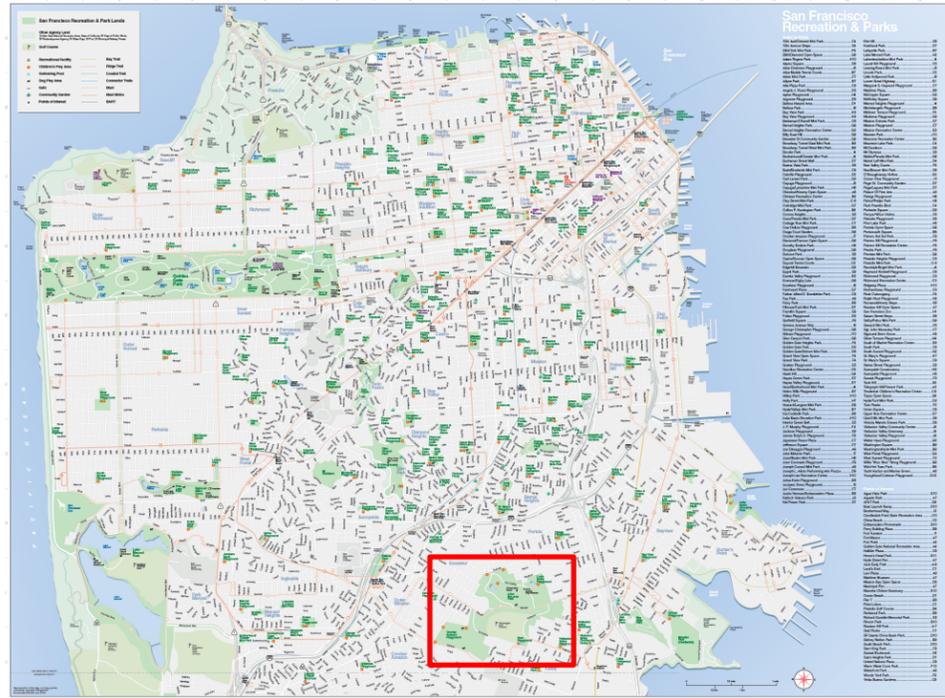
- Objective 1.2: Strengthen the quality of existing Parks & Facilities
- Objective 1.4: Preserve and celebrate historic and cultural resources

## Strategy 3: Inspire Investment

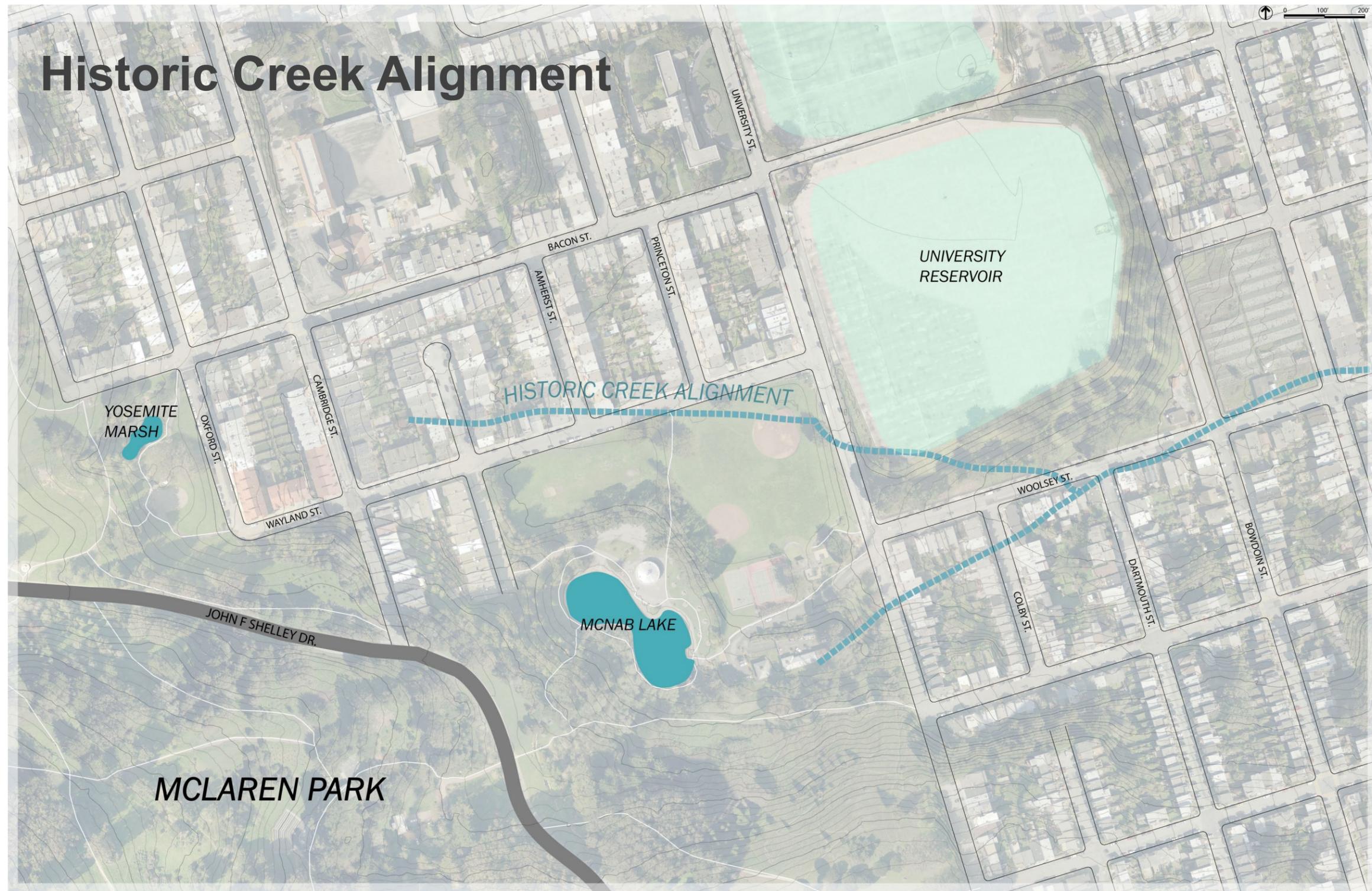
- Objective 3.1: Increase public investment to better align with infrastructure needs and service expectation



# LOCATION MAP



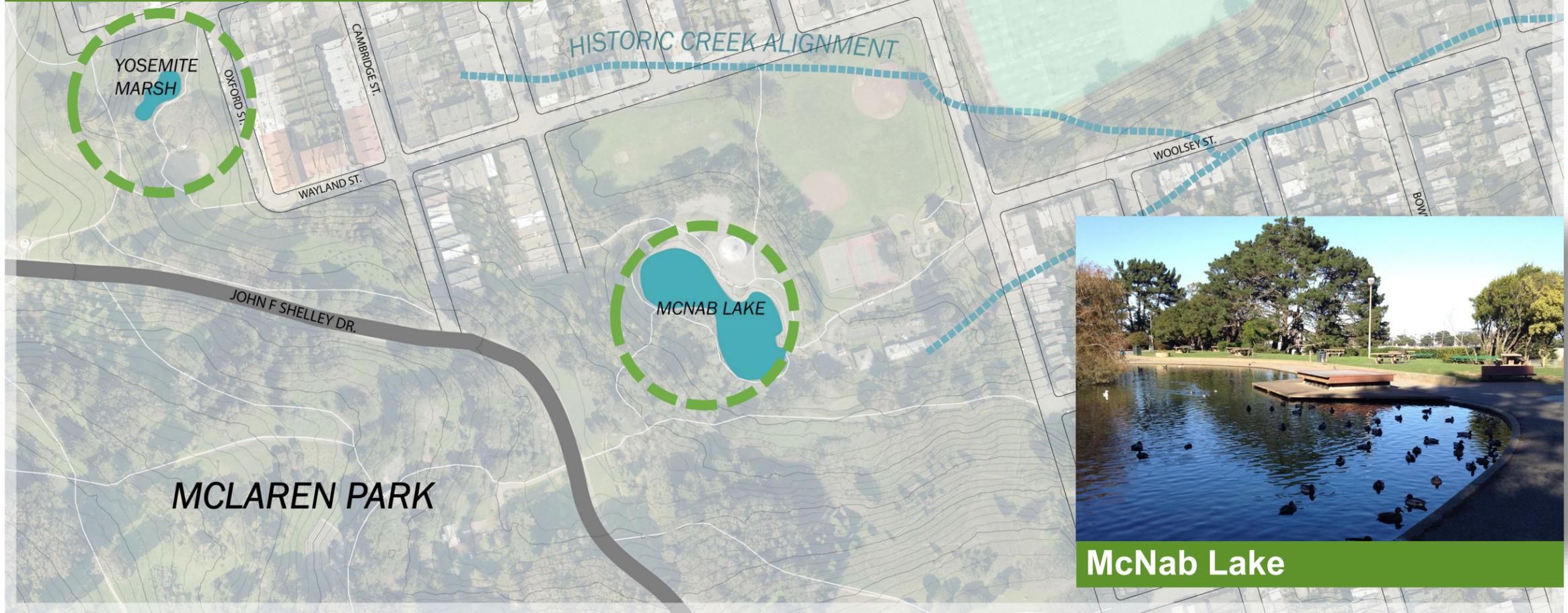
# CONTEXT



# CONTEXT



Yosemite Marsh



McNab Lake

# RPD & PUC COORDINATION

Yosemite Creek is

**1 of 8**

green infrastructure projects SFPUC will construct as part of the Sewer System Improvement Program (SSIP), a multi-billion dollar citywide investment to upgrade aging sewer infrastructure.

- 1 Baker Beach Green Streets
- 2 Sunset Boulevard Greenway
- 3 Holloway Green Street
- 4 Visitacion Valley Green Nodes
- 5 Mission and Valencia Streets Green Gateway
- 6 Upper Yosemite Creek Daylighting ←
- 7 Wiggle Neighborhood Green Corridor
- 8 Chinatown Living Alley

## RPD and SFPUC addressing stormwater on park properties:



Baker Beach Green Streets

- + Buchanan Street Mall
- + Marina Green Bioswale Project
- + El Camino Del Mar Green Street Project at Lincoln Park



## GOALS & OBJECTIVES

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- + Daylight a historical creek in San Francisco
- + Provide stormwater management by:
  - + Reducing combined sewer discharge (CSD)
  - + Reducing localized flooding
  - + Improving drainage in this area of the McLaren Park
- + Demonstrate stormwater capture and reuse technologies that are a first for the City
- + Create a community amenity
- + Enhance habitat/biodiversity
- + Facilitate educational opportunities



# COMMUNITY ENGAGEMENT

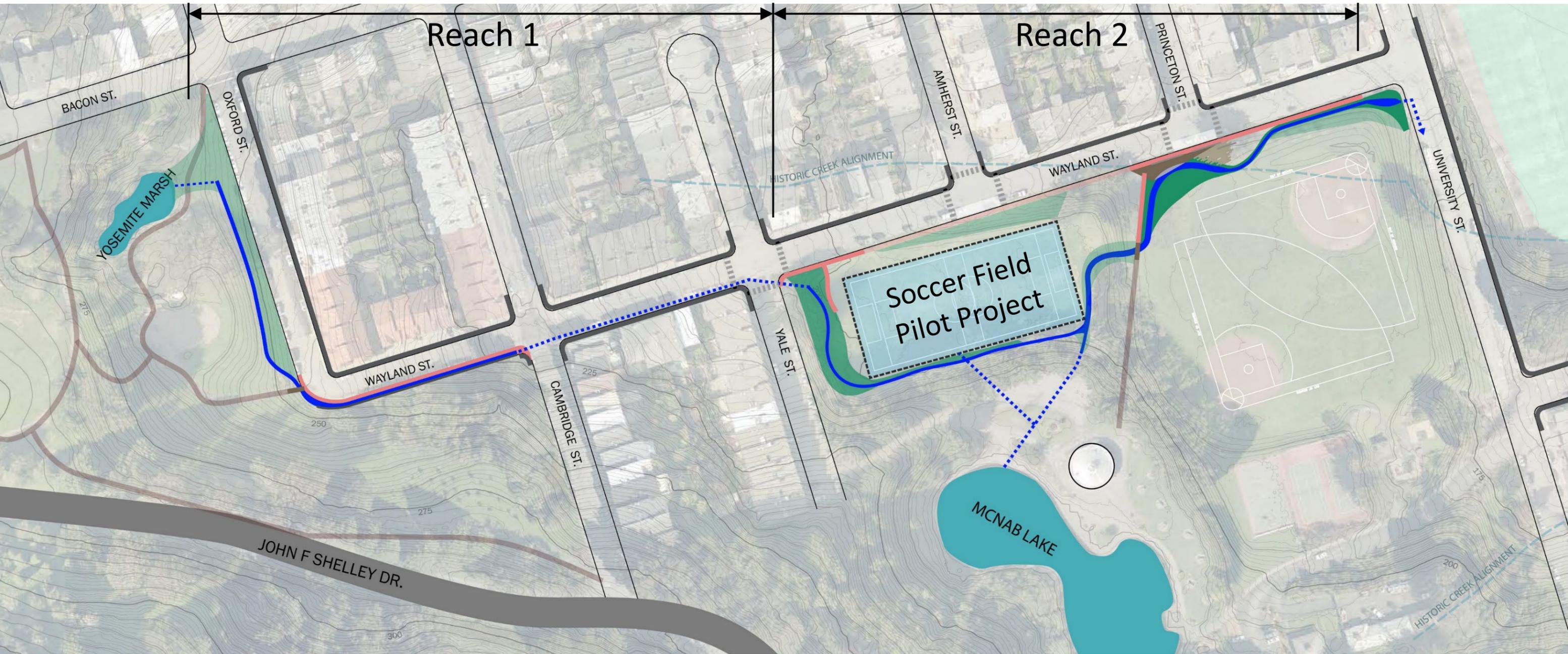


Community Open House, March 2017

# EXISTING CONDITIONS



# CONCEPT PLAN



- |   |                          |   |                            |
|---|--------------------------|---|----------------------------|
|  | re-graded slope          |  | creek alignment            |
|  | historic creek alignment |  | separate stormwater pipe   |
|  | waterbody                |  | connection to CSS          |
|  | storage tank             |  | proposed path or crossing  |
|  | existing sidewalk        |  | proposed boardwalk         |
|  | wood deck                |  | existing path              |
|  | street crossing          |  | bio-retention/ponding area |

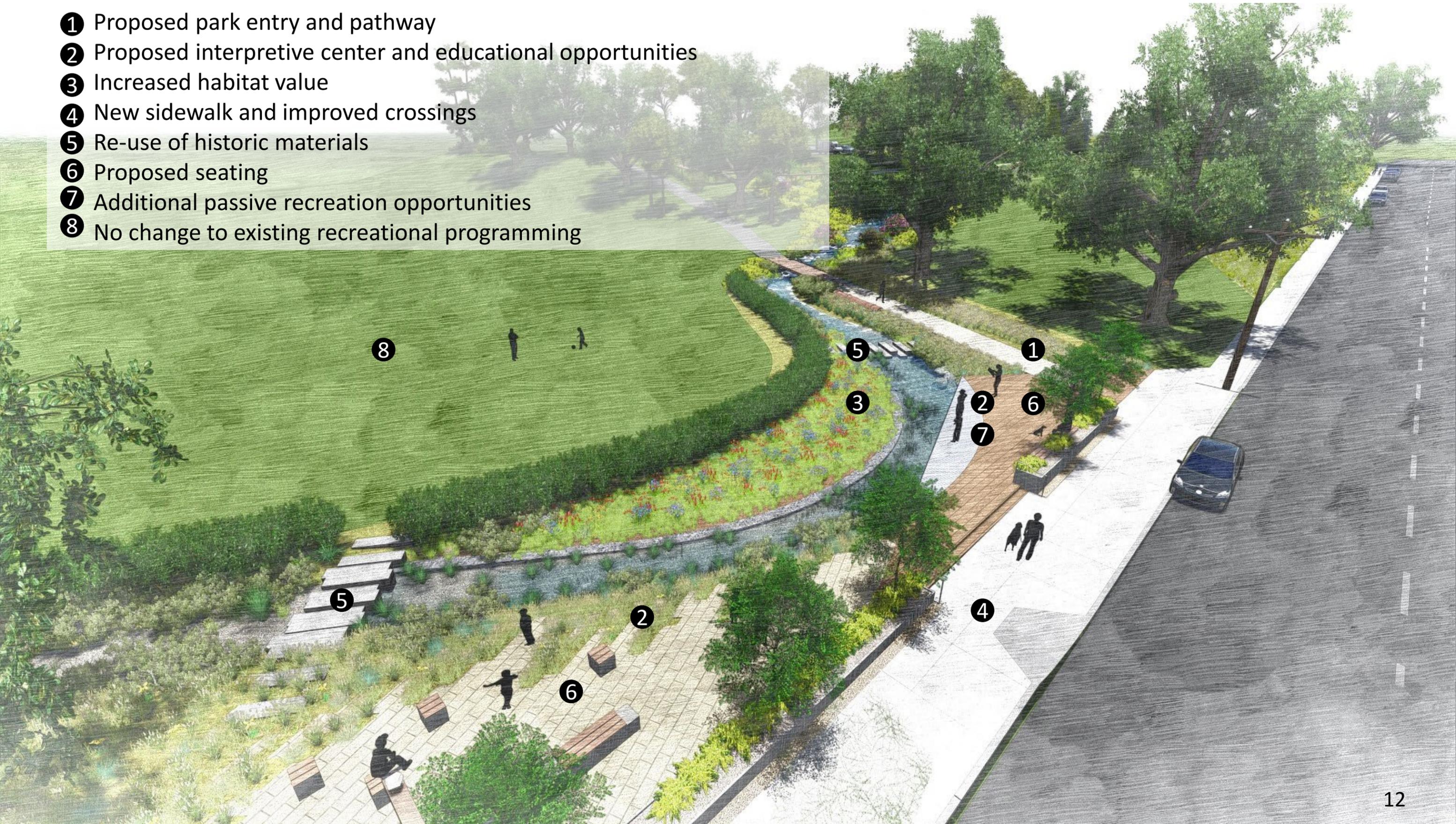


# CONCEPT DESIGN: CREEK DAYLIGHTING (REACH 1)



# CONCEPT DESIGN: CREEK DAYLIGHTING, YOSEMITE STATION (REACH 2)

- ① Proposed park entry and pathway
- ② Proposed interpretive center and educational opportunities
- ③ Increased habitat value
- ④ New sidewalk and improved crossings
- ⑤ Re-use of historic materials
- ⑥ Proposed seating
- ⑦ Additional passive recreation opportunities
- ⑧ No change to existing recreational programming



# CONCEPT DESIGN: CREEK DAYLIGHTING, YOSEMITE STATION (REACH 2)



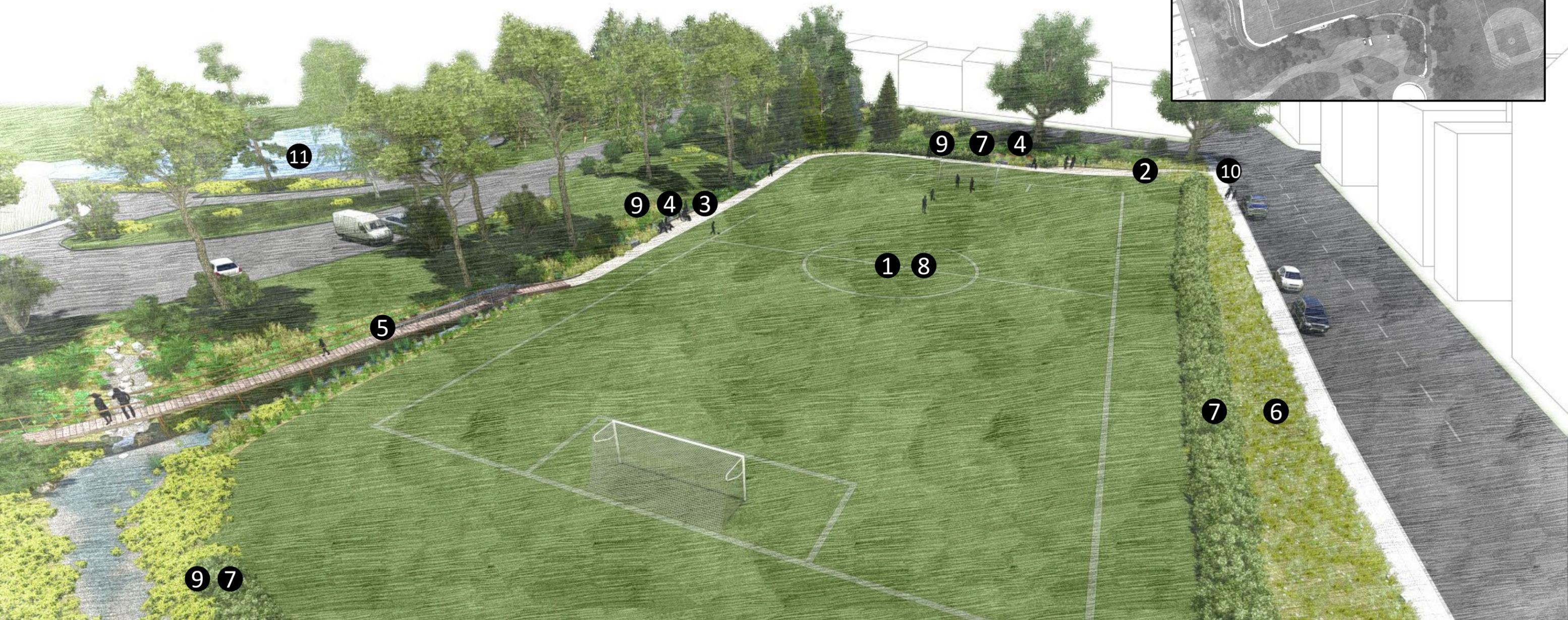
+ BEFORE



+ AFTER



# CONCEPT DESIGN: LOUIS SUTTER SOCCER FIELD PILOT

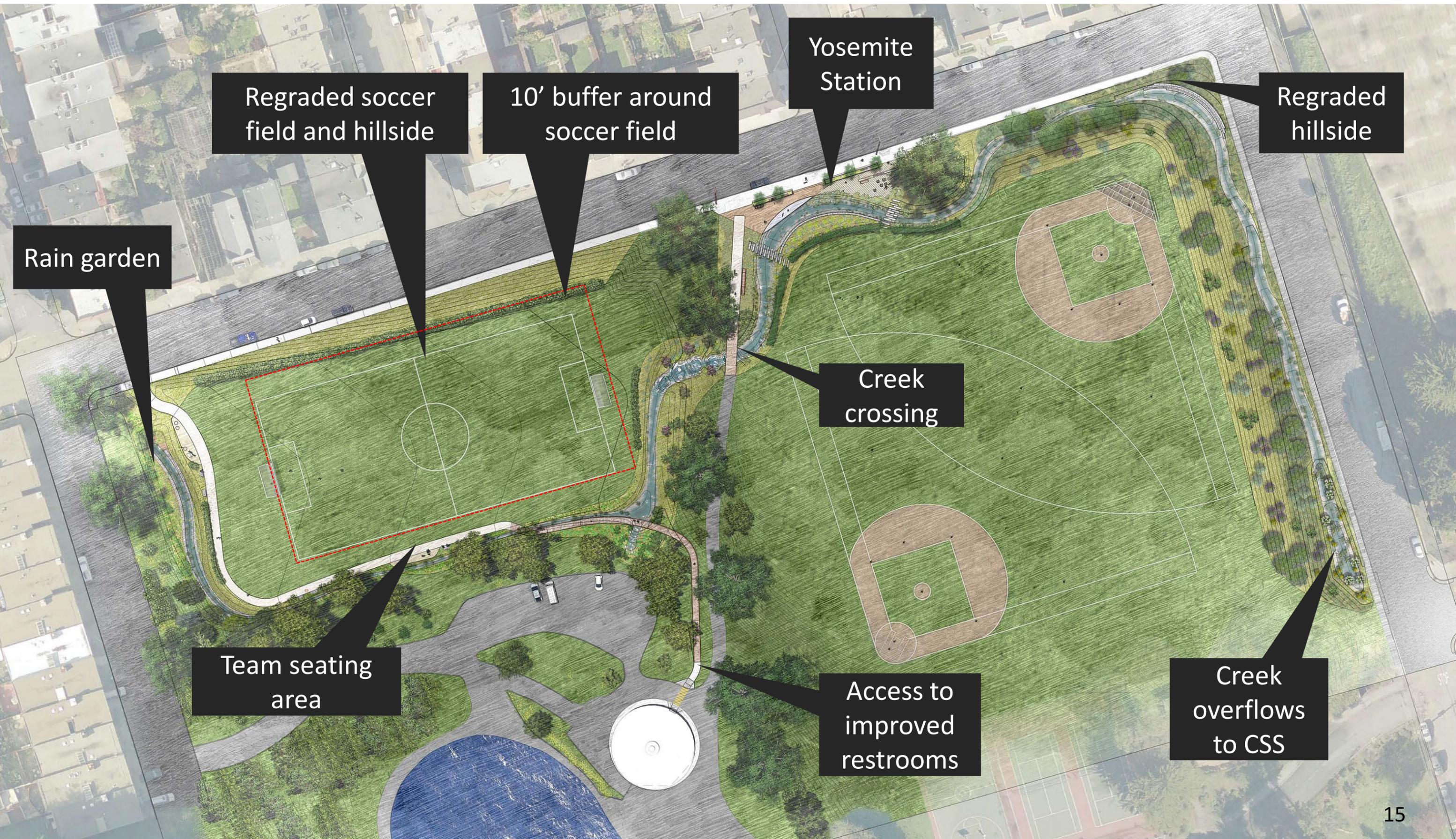


- 1 Refurbished field and irrigation
- 2 ADA compliant field
- 3 Proposed team gathering areas
- 4 New spectator seating

- 5 Raised boardwalk to restrooms
- 6 Increased buffer from street
- 7 Buffer planting
- 8 Improved site drainage

- 9 Increased habitat value
- 10 New sidewalk and improved crosswalks
- 11 McNab Lake

# CONCEPT DESIGN: LOUIS SUTTER SOCCER FIELD PILOT



Regraded soccer field and hillside

10' buffer around soccer field

Yosemite Station

Regraded hillside

Rain garden

Creek crossing

Team seating area

Access to improved restrooms

Creek overflows to CSS

# COST SUMMARY

**The SFPUC shall fund design, construction and maintenance of the Project as described in the draft MOU.**

Funding comes from the SFPUC Sewer System Improvement Program.



| Element                    | Proposed Design     |
|----------------------------|---------------------|
| Construction               | \$7,548,000         |
| Preparation                | \$1,139,000         |
| Improvements               | \$5,484,000         |
| Utilities                  | \$601,000           |
| Maintenance (3 years)      | \$324,000           |
| Soft Cost                  | \$6,127,000         |
| <b>Total Project Costs</b> | <b>\$13,675,000</b> |

Note: Construction estimate includes 25% design contingency

**Rec & Park interests in the Project will be represented by a Capital Project Manager and SFPUC will reimburse Rec & Park for project management time**



# SCHEDULE

