

# **BUENA VISTA PARK**

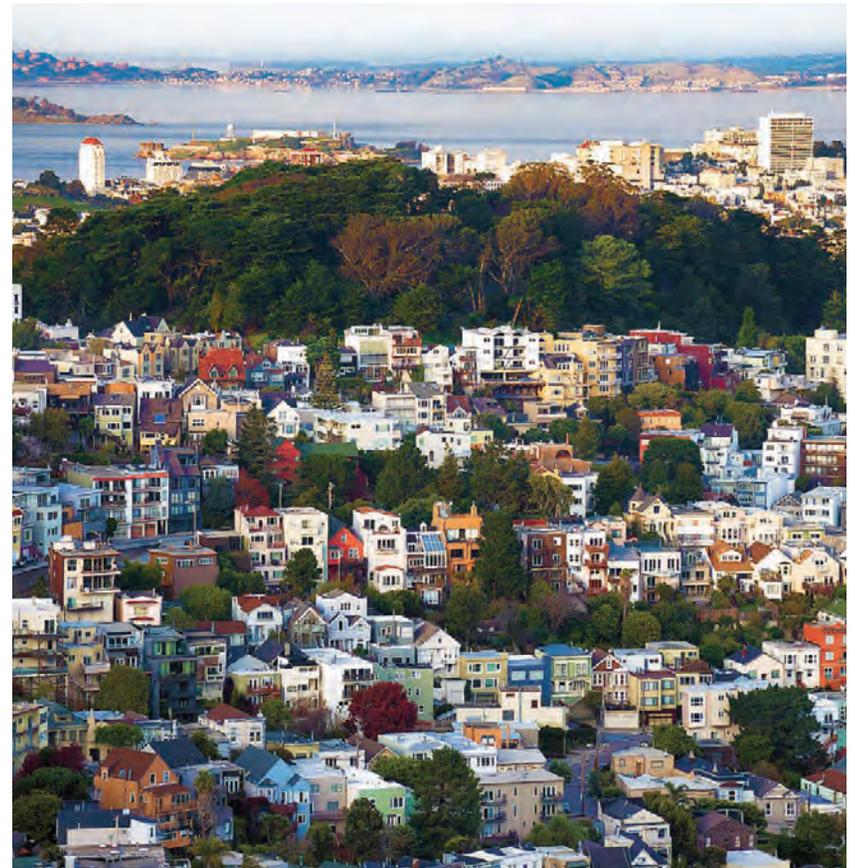
## **Needs Assessment and Cost Analysis**

**COMMUNITY MEETING #2**

February 24, 2020

A Partnership of:  
**San Francisco Recreation and Parks &  
Buena Vista Neighborhood Association**

Primary Consultant:  
**Miller Company Landscape Architects**



**MILLER COMPANY**  
**landscape architects**

## PROJECT TEAM

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### **Buena Vista Neighborhood Association**

### **SF Recreation and Parks**

#### **Capital & Planning Division**

Toks Ajike, Director

Dan Mauer, Supervising Project Manager

Monica Scott, Project Manager

#### **Operations Division**

Carol Sionkowski, Parks Service Area Manager

Francisco Macuer, Parks Section Supervisor

#### **Natural Resource Division**

Lisa Wayne, Natural Resources Manager

Christopher Campbell, Natural Resources Supervisor

### **Miller Company Landscape Architects**

Jeffrey Miller, Principal Landscape Architect

Maya Nagasaka, Project Manager

Silvia Viola, Landscape Designer

Johann Holvick-Thomas, Landscape Designer

### **Sherwood Design Engineers**

Elizabeth Lo, Project Civil Engineer

### **Urban Forestry Associates**

Ben Anderson, Urban Forester

### **Josiah Clark Habitat Restoration**

Josiah Clark, Ecologist

### **MLee Corporation**

Franklin Lee, Cost Estimator

## MEETING AGREEMENTS

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- Please Sign-in
- Turn off Cell Phones
- Direct Comments to the Facilitator
- Raise Your Hand to Speak
- Keep to the Agenda
- Please Hold all Questions to the End

## PROJECT GOALS

*Conduct a park-wide needs assessment and cost analysis based on the 2015 Buena Vista Park Capital Improvement Plan & Community Consultation Report.*

- Identify and document the park, investigate design solutions, and present options to the community.
- Incorporate community input, maintenance needs, consultants' recommendations and future visions for potential park improvements.
- Provide detailed cost estimates while prioritizing areas of high interest to identify project funding needs.

## SCHEDULE

### **MEETING #1 - October 7, 2019**

Intro, Existing Condition, Analysis & Public Input

### **COMMUNITY SITE WALK - November 17, 2019**

### **MEETING #2 - February 24, 2020**

Draft Recommendations & Public Input

### **MEETING #3 - April 2020**

Final Report & Public Review

## AGENDA

1. Community Meeting #1 Recap
2. Summarize Community Site Walk
3. Core Park Improvements
4. Additional Design Opportunities
5. Cost Summary
6. Next Steps
7. Questions and Answers

# FOCUS OF THE PROJECT

## 1. CIRCULATION / HARDSCAPE

- Entries
- Perimeter Stairs
- Perimeter Sidewalks
- Interior Asphalt Paving
- Rustic Stairs and Paths
- Walls
- Overlooks

## 2. URBAN FOREST AND PLANTING

- Identify Overall Tree Conditions
- Vision for Reforestation and Ecology
- Perimeter Planting

## 3. WATER AND EROSION CONTROL

- Identify Problem Erosion Areas
- Stormwater Management
- Irrigation

## 4. MISCELLANEOUS

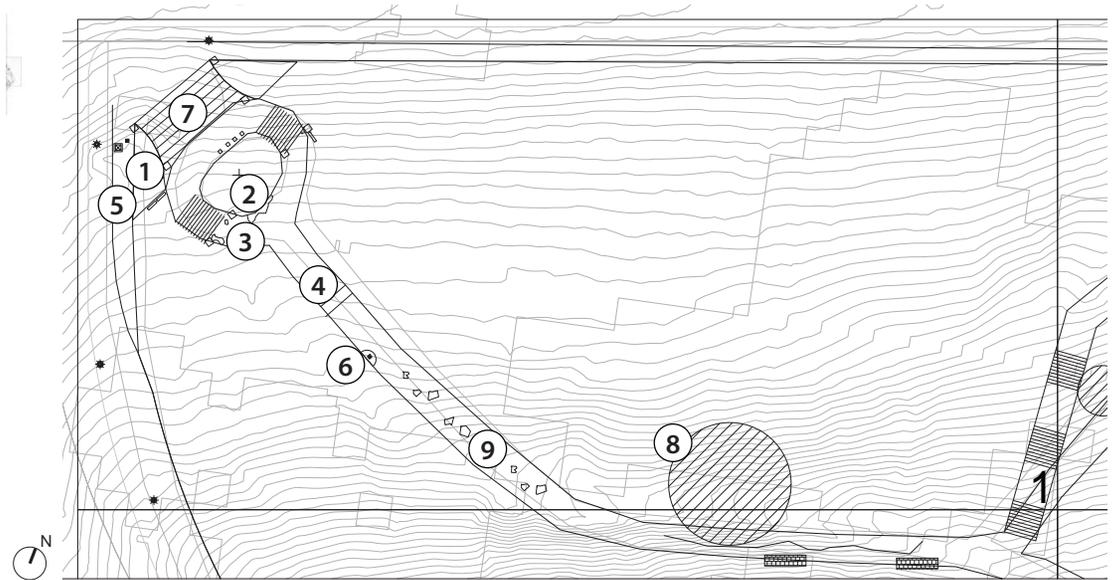
- Signage
- Playground
- Dog Area
- Lighting
- Maintenance Yard
- Furniture

# EXISTING SITE ASSESSMENT METHODOLOGY



SITE QUADRANTS

## QUADRANT STUDY



more info at <https://sfrecpark.org/DocumentCenter/View/14542/Buena-Vista-Park-Site-Assessment-Community-Meeting-1-Presentation-OCT2019>

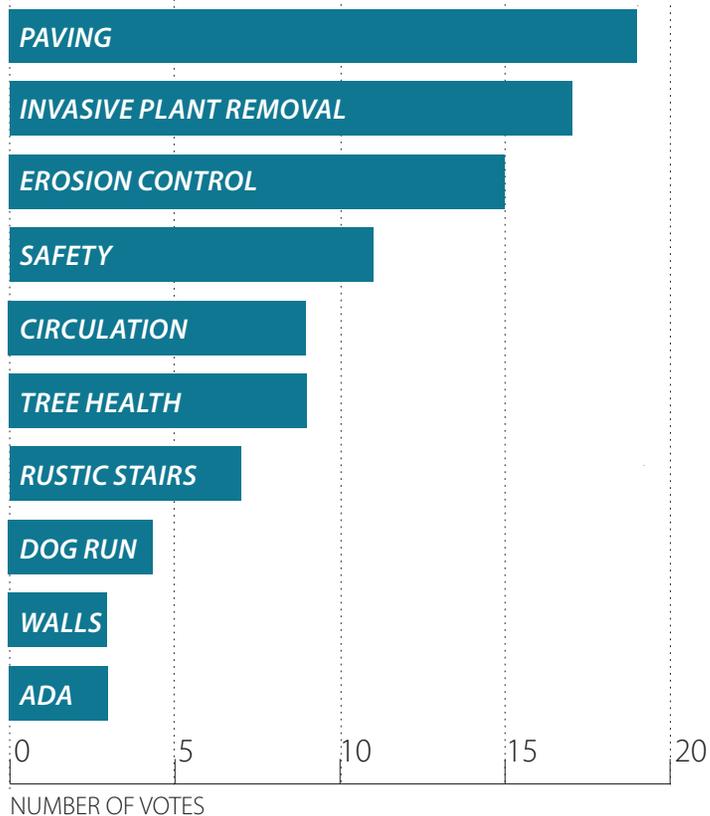
# SITE WALK SUMMARY OF SURVEY

NOV 17<sup>th</sup>

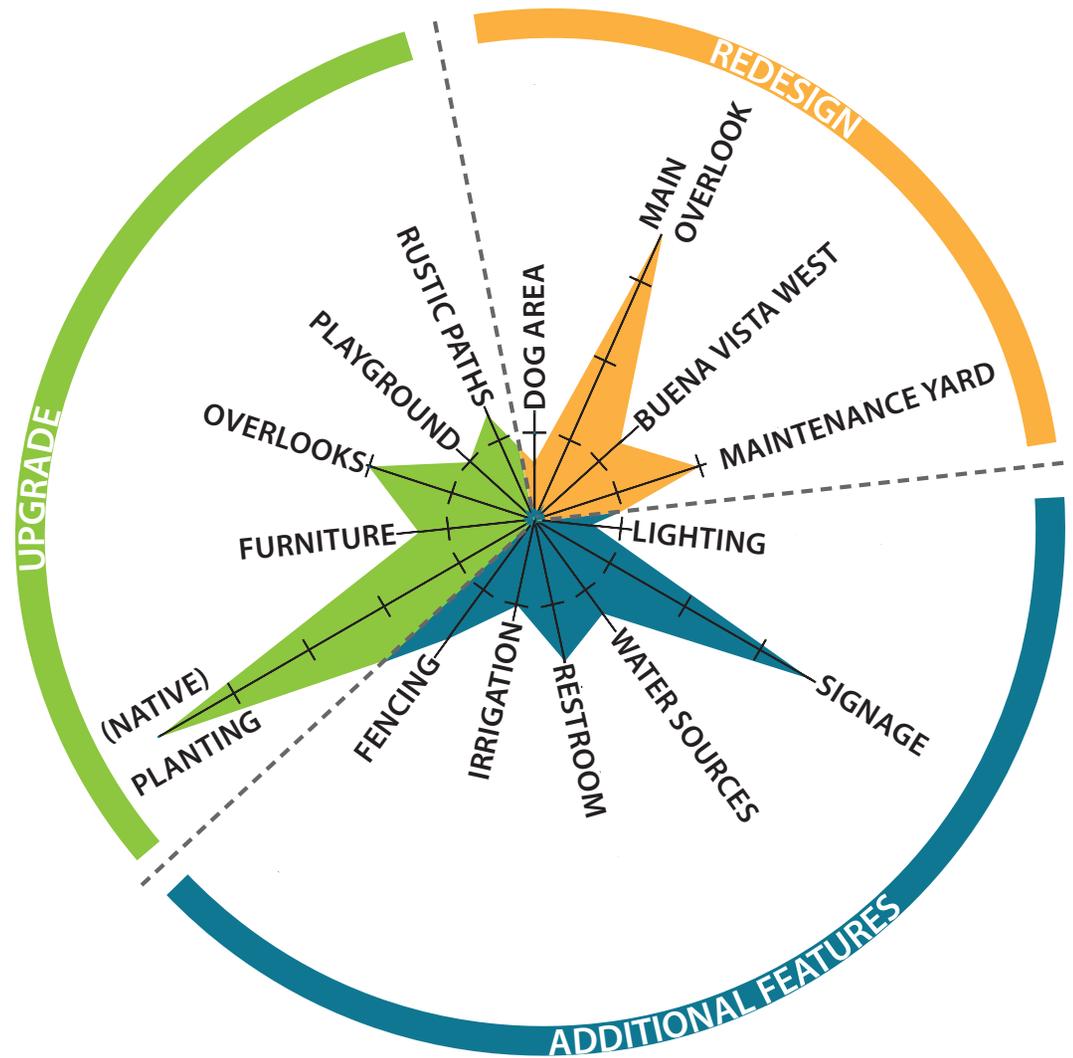
## SUNDAY SITE WALK

- 30 participants
- 4 routes
- Survey handed out

## IDENTIFIED NEEDS



## IDENTIFIED OPPORTUNITIES



views

"Variety of open views through the trees and dense planting"  
"The main overlook has the best views"

forest

"The wooded character"  
"This beautiful "wild" forest"

habitat

"The park provides great habitat for a lot of bird species!"

wilderness

"Keep the park wild"

"Overall, it should be kept secluded, wooded and natural"

history

"The history of this park is very interesting!"  
"Interpretive signage about the History of the park would be a benefit!"

# ENTRIES IMPROVEMENT MAP



# ENTRIES HISTORIC



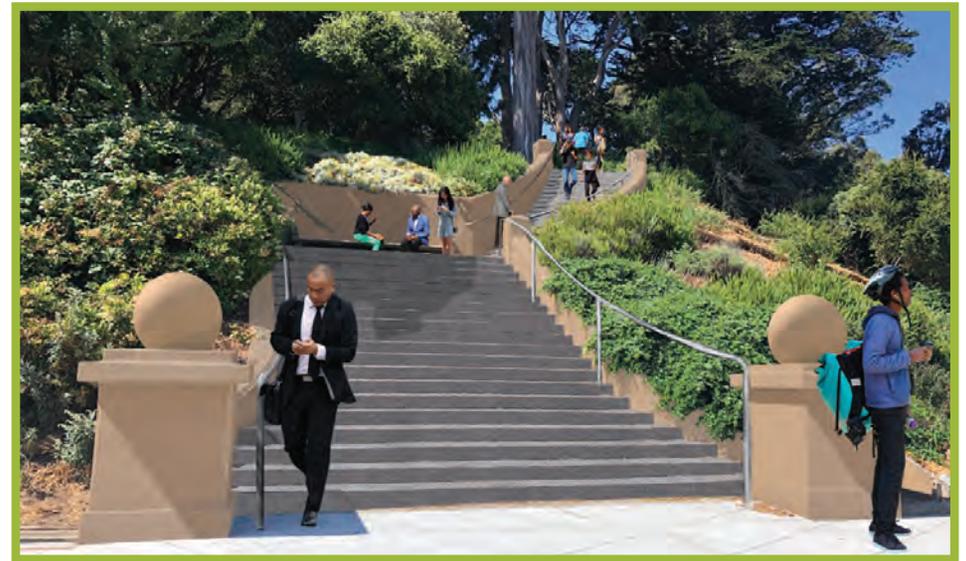
BEFORE - HISTORIC STAIR REPLACEMENT



BEFORE - HISTORIC STAIR REPAIR



AFTER - HISTORIC STAIR REPLACEMENT



AFTER - HISTORIC STAIR REPAIR

# ENTRIES PERIMETER



BEFORE - WALLER ENTRY



BEFORE - PERIMETER STAIRS



AFTER - WALLER ENTRY



AFTER - PERIMETER STAIRS

# PERIMETER HARDSCAPE IMPROVEMENT MAP



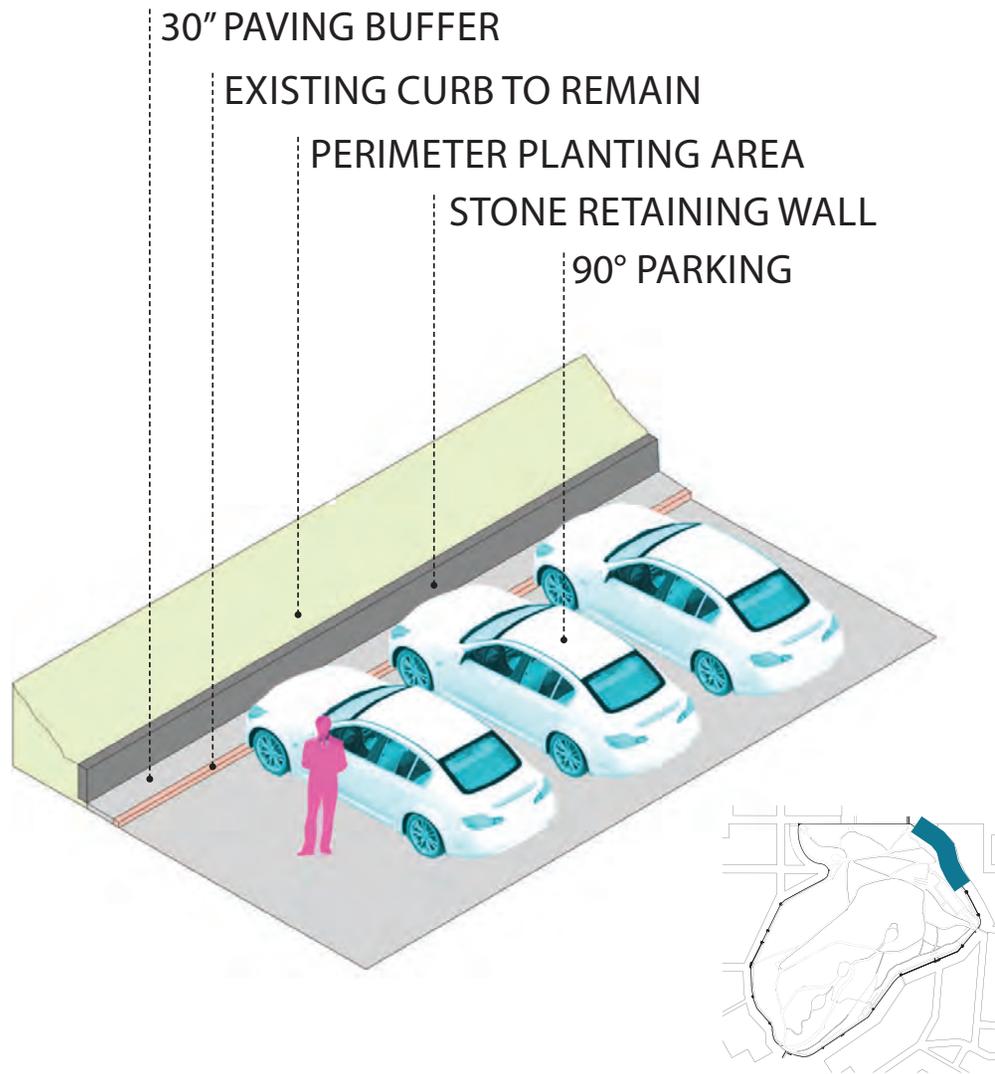
**EXISTING WALKWAY**

- PERIMETER WALK IMPROVEMENT
- PARALLEL PARKING CURBSIDE IMPROVEMENT
- 90 DEGREE PARKING CURBSIDE IMPROVEMENT
- NO PARKING EDGE IMPROVEMENT

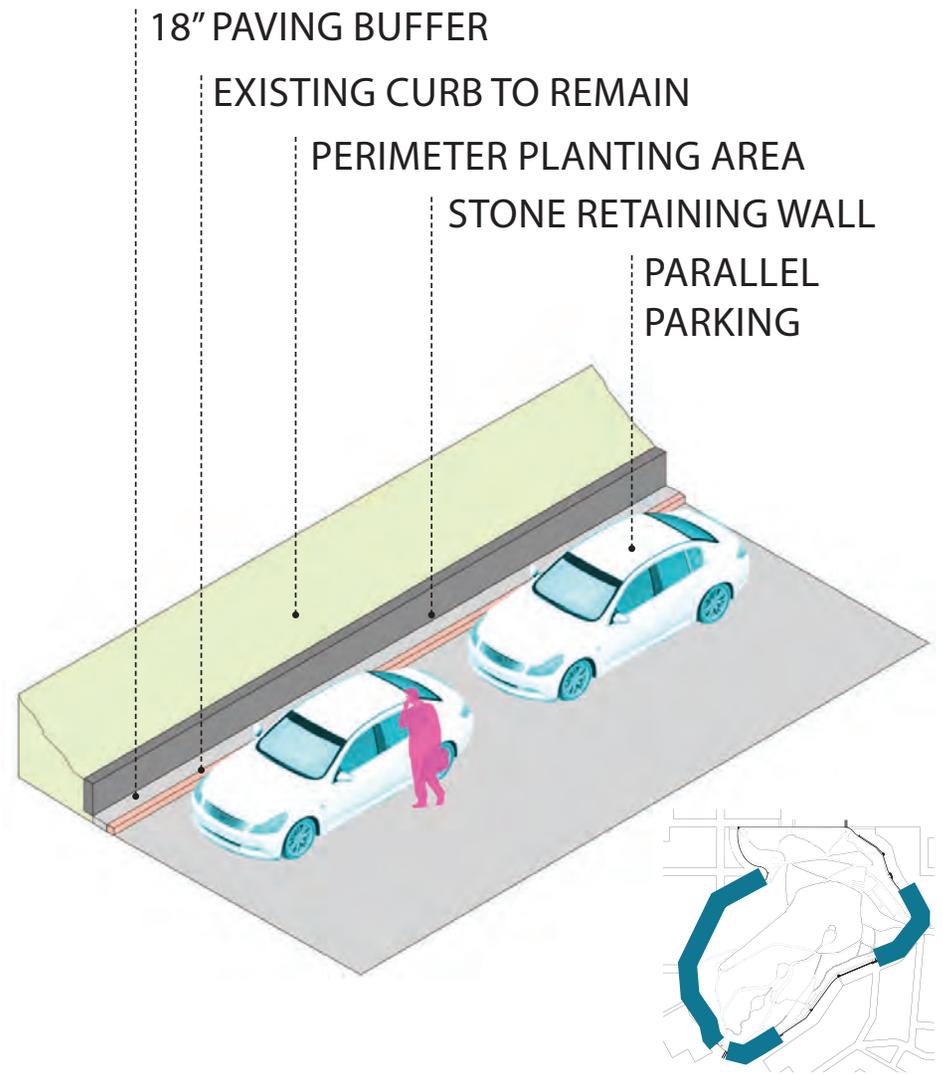


# PERIMETER HARDSCAPE IMPROVEMENT

## 90 DEGREE PARKING CURBSIDE IMPROVEMENT



## PARALLEL PARKING CURBSIDE IMPROVEMENT



# ASPHALT IMPROVEMENT MAP



**DETERIORATED EXISTING ASPHALT**

-  HEAVY VEHICLE ASPHALT REPLACEMENT
-  LIGHT VEHICLE ASPHALT REPLACEMENT
-  PEDESTRIAN ASPHALT REPLACEMENT



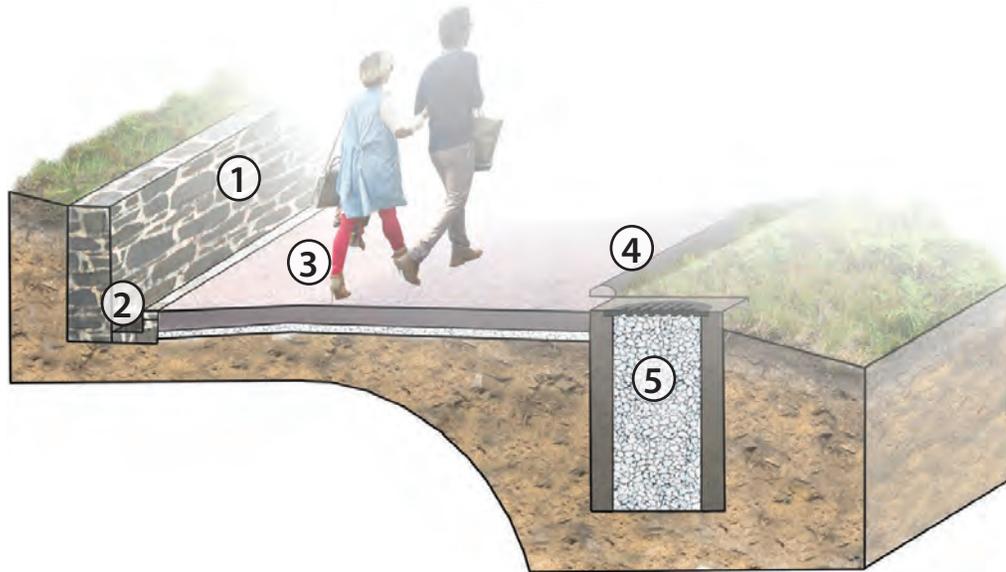
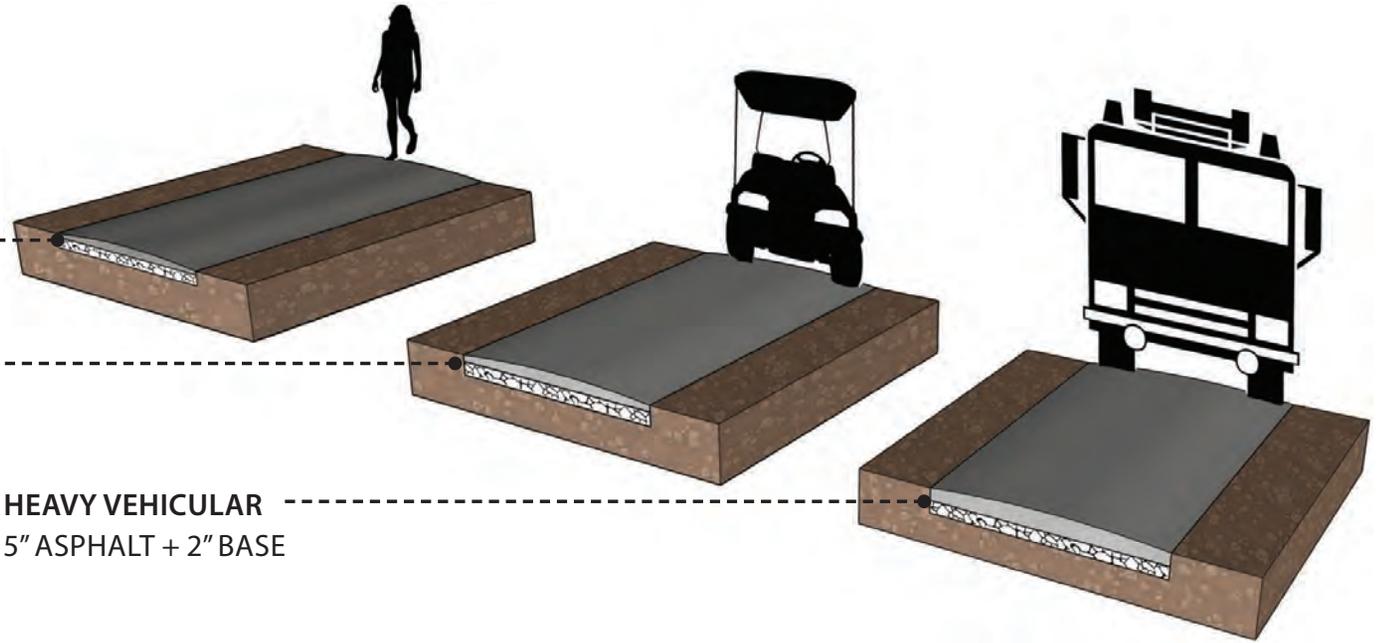
# ASPHALT IMPROVEMENT

## ASPHALT PAVING TYPES

PEDESTRIAN: ---  
3" ASPHALT + 2" BASE

LIGHT VEHICULAR ---  
4.5" ASPHALT + 2" BASE

HEAVY VEHICULAR ---  
5" ASPHALT + 2" BASE

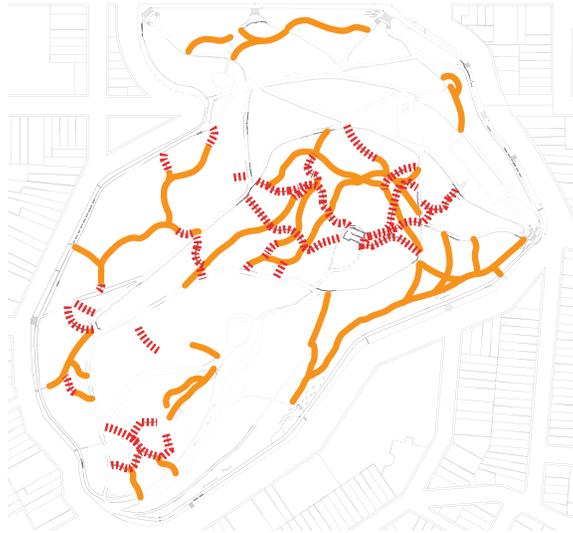


## DRAINAGE SYSTEM

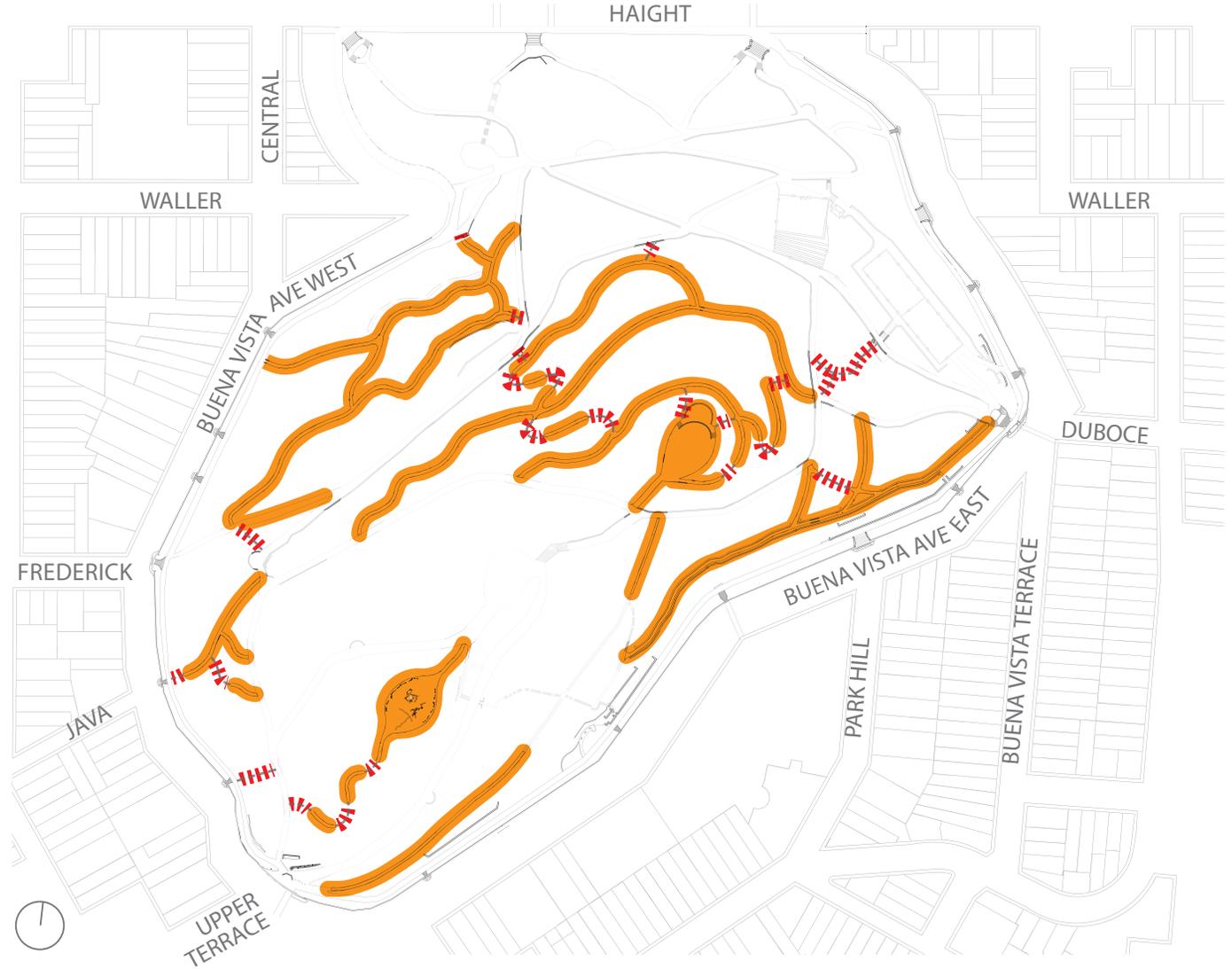
- ① EXISTING STONE WALL
- ② HISTORIC DRAINAGE GUTTER WITH EXTENDED STONE CURB
- ③ CROWNED ASPHALT PAVING
- ④ ASPHALT DIKE
- ⑤ DRY WELL

# RUSTIC TRAIL SYSTEM IMPROVEMENT MAP

**BEFORE:**



**AFTER:**



-  RUSTIC STAIRS
-  RUSTIC TRAILS

# RUSTIC TRAIL SYSTEM | PARK TREAD PATHS AND STAIRS

BEFORE:



EXISTING WOOD STAIRS

AFTER:



BOX STAIRS AT OAK WOODLANDS

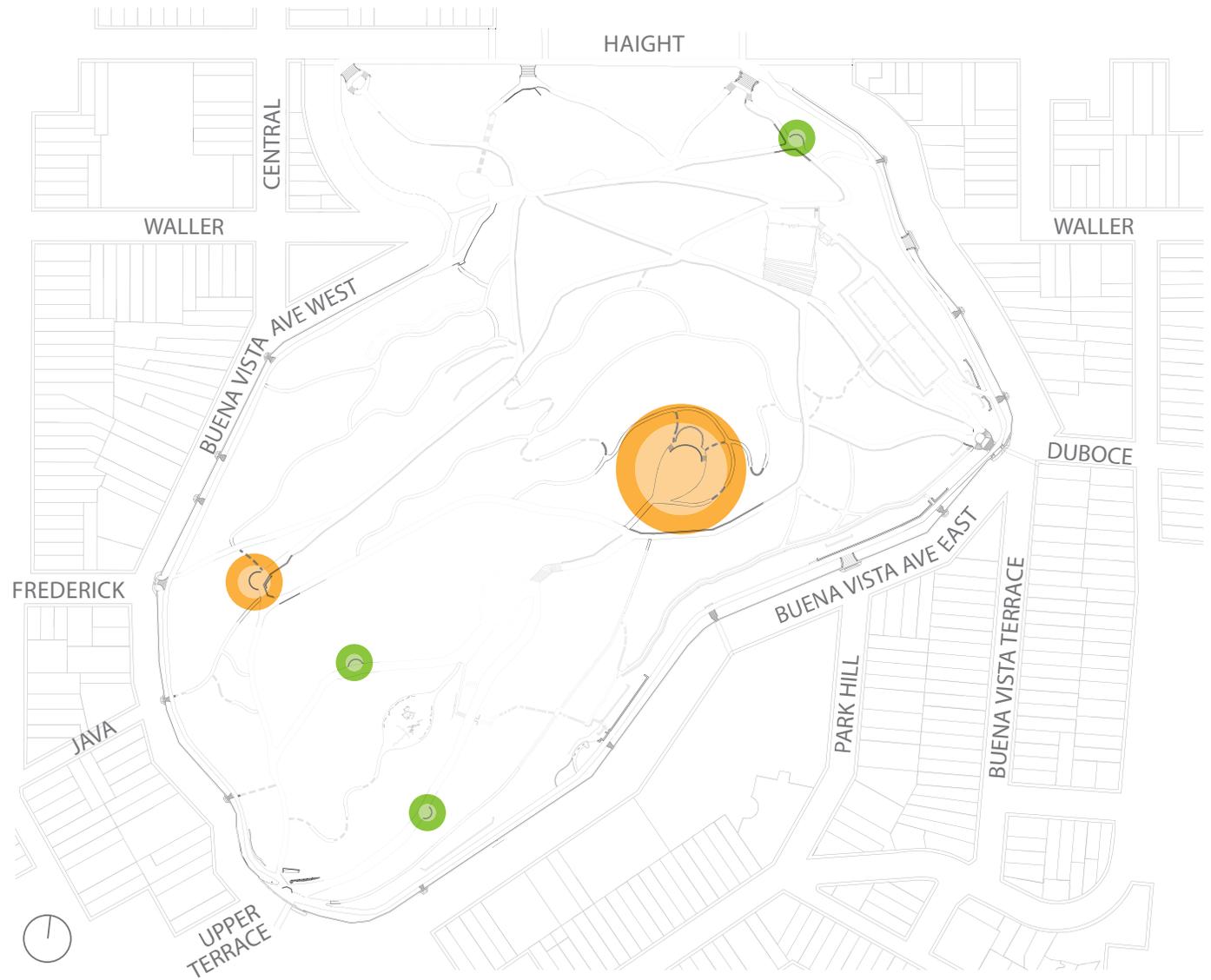


EXISTING PATHWAYS



PARK TREAD PATHWAYS AT OAK WOODLANDS

# OVERLOOKS IMPROVEMENT MAP



-  REDESIGNED OVERLOOKS
-  PROPOSED OVERLOOKS

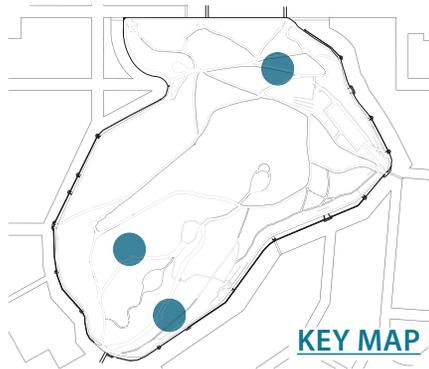
# OVERLOOKS THE MAIN OVERLOOK



# OVERLOOKS THE WINDOW



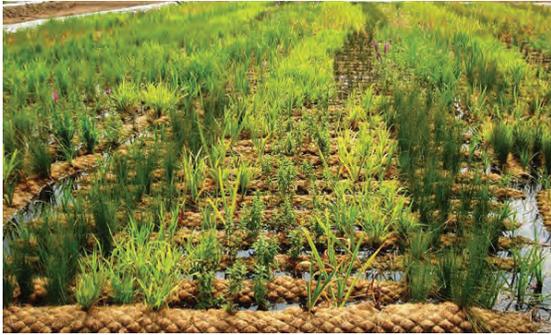
# OVERLOOKS SMALL OVERLOOK



# EROSION CONTROL IMPROVEMENT MAP



**RAIN GARDEN AND SWALES**



**EROSION CONTROL**

-  EROSION CONTROL BLANKET & COIR AT RUSTIC PATHWAYS AND STAIRS
-  EROSION CONTROL BLANKET & COIR
-  EROSION CONTROL BLANKET
-  STORMWATER FEATURE



# EROSION CONTROL WALLS AND FENCING



GRAVITY BLOCK WALL



SUTTER WALL



TIMBER WALL



GABION WALL



TALL METAL FENCING



RUSTIC FENCING

# FOREST & PLANTING EXISTING CHARACTER

- MIXED SPECIES
- EUCALYPTUS
- PINES
- OAK WOODLAND
- CYPRESSES



# FOREST & PLANTING REMOVAL MAP

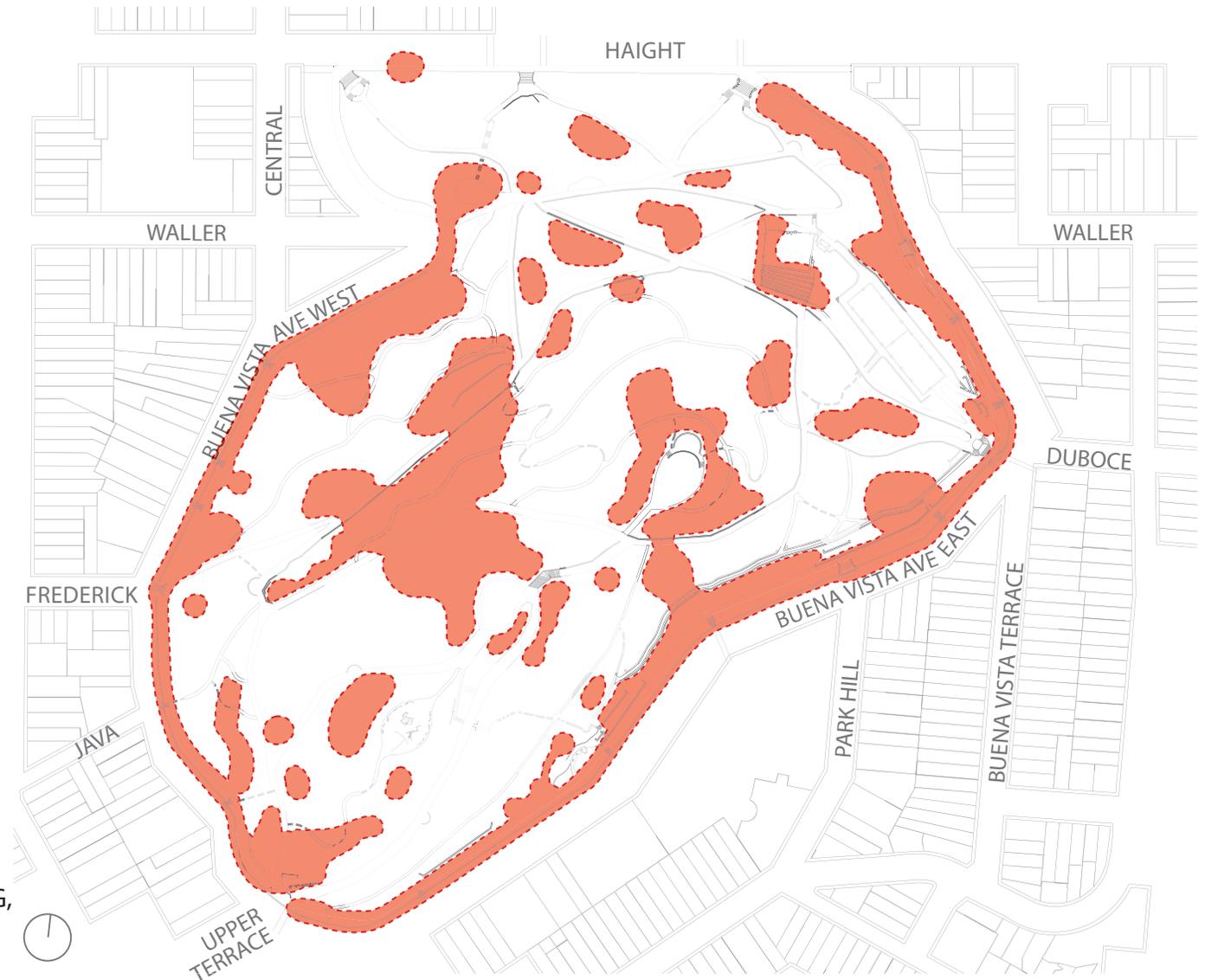


**GOLDEN WATTLE**



**DECAYING PINE TREE**

 SELECTIVE TREE REMOVAL & PRUNING,  
INVASIVE SPECIES REMOVAL



# FOREST & PLANTING IMPROVEMENT MAP

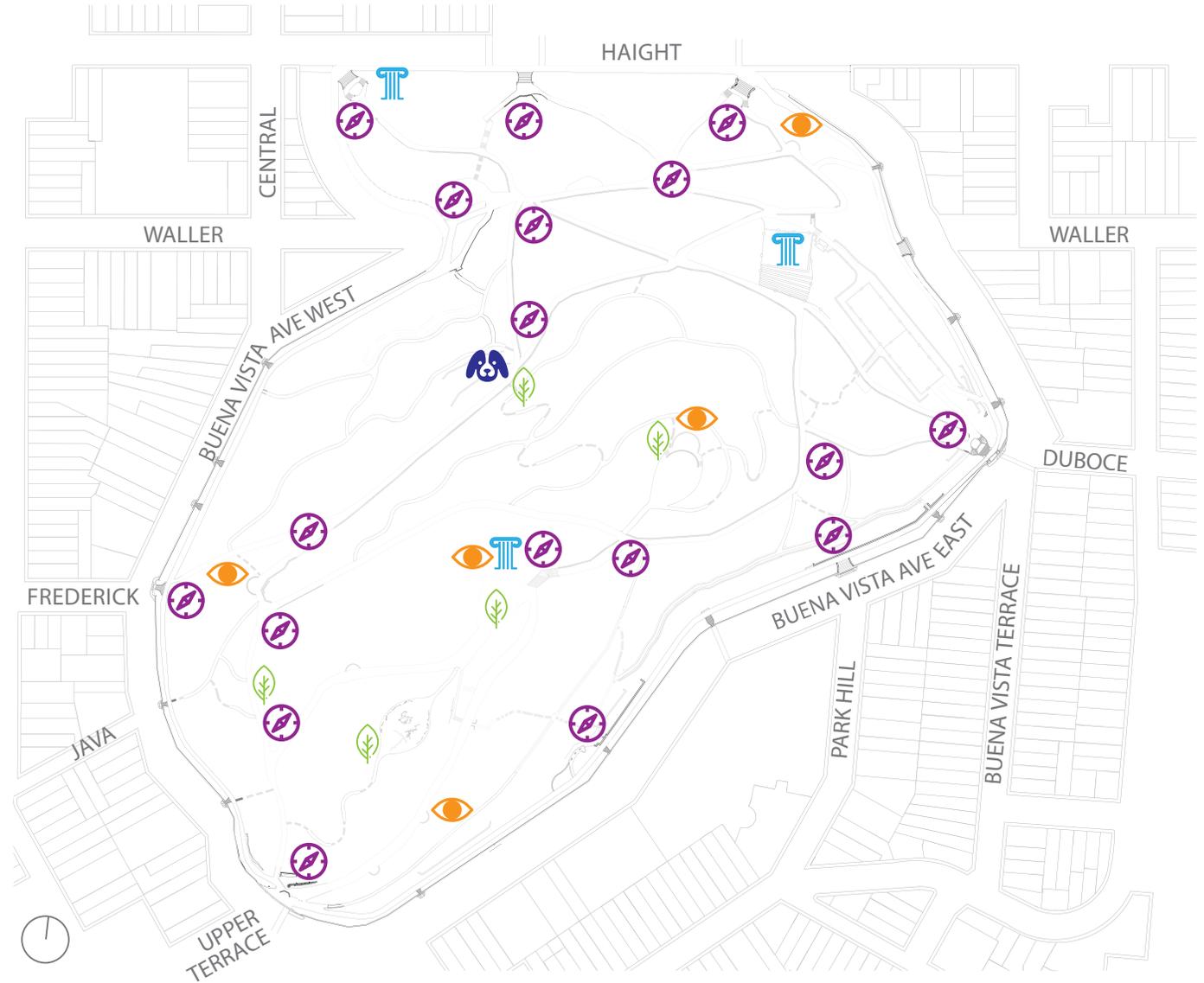


- MIXED SPECIES
- EUCALYPTUS
- PINES
- OAK WOODLAND
- CYPRESSES
- PERIMETER POLLINATOR PLANTING
- REFORESTATION AND UNDERSTORY PLANTING

# SIGNAGE IMPROVEMENT MAP



SIGNAGE EXAMPLES



-  HISTORICAL SIGN
-  VIEW SIGN
-  ORIENTATIONAL SIGN
-  DOG RUN SIGN
-  ECOLOGICAL SIGN

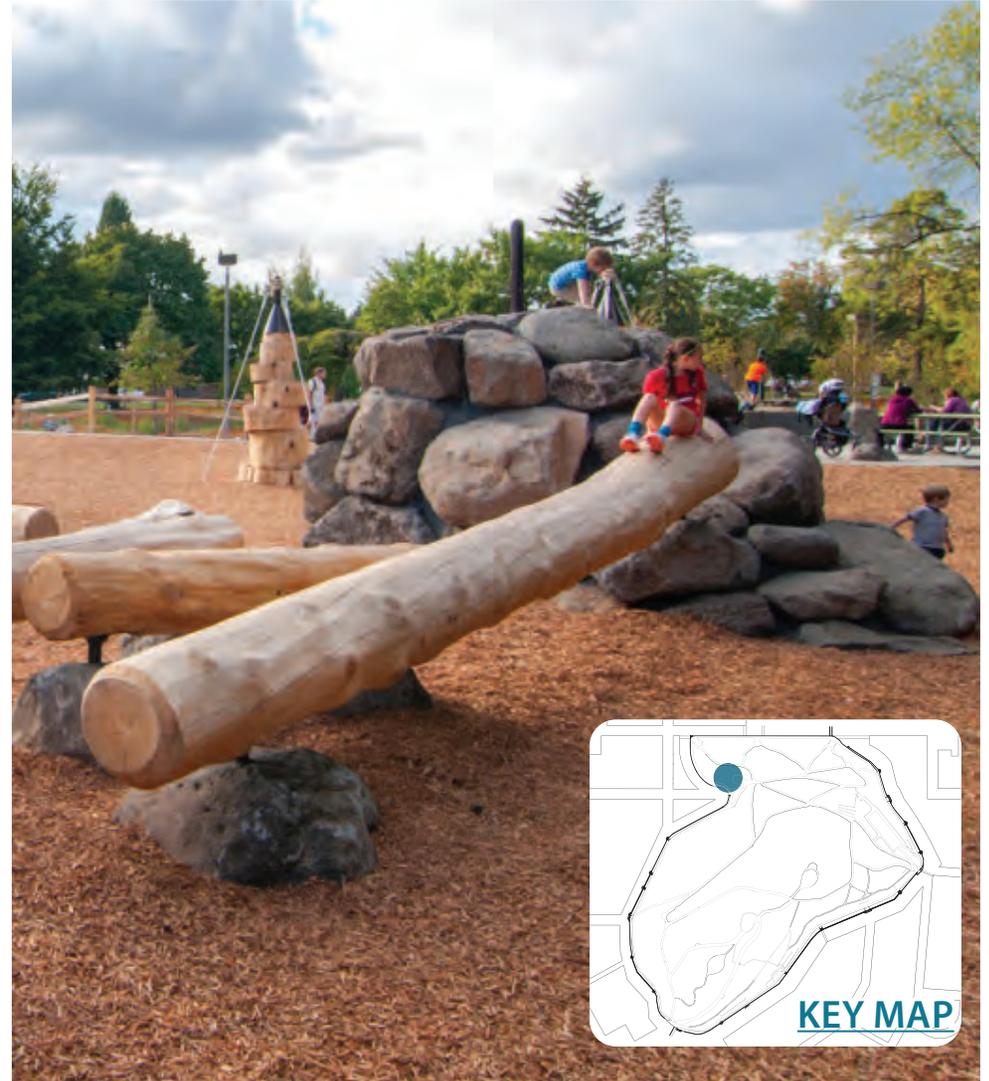
# PLAYGROUND IMPROVEMENT PRECEDENT IMAGES



OUTDATED EXISTING PLAYGROUND



NATURE PLAY PRECEDENT



NATURE PLAY PRECEDENT

## OTHER IMPROVEMENTS

1. Furniture
2. Irrigation
3. Lighting



PICNIC TABLE



BENCH



PERIMETER LIGHTING



NEW QUICK COUPLERS NEARBY PATHS

## POTENTIAL DESIGN OPPORTUNITIES

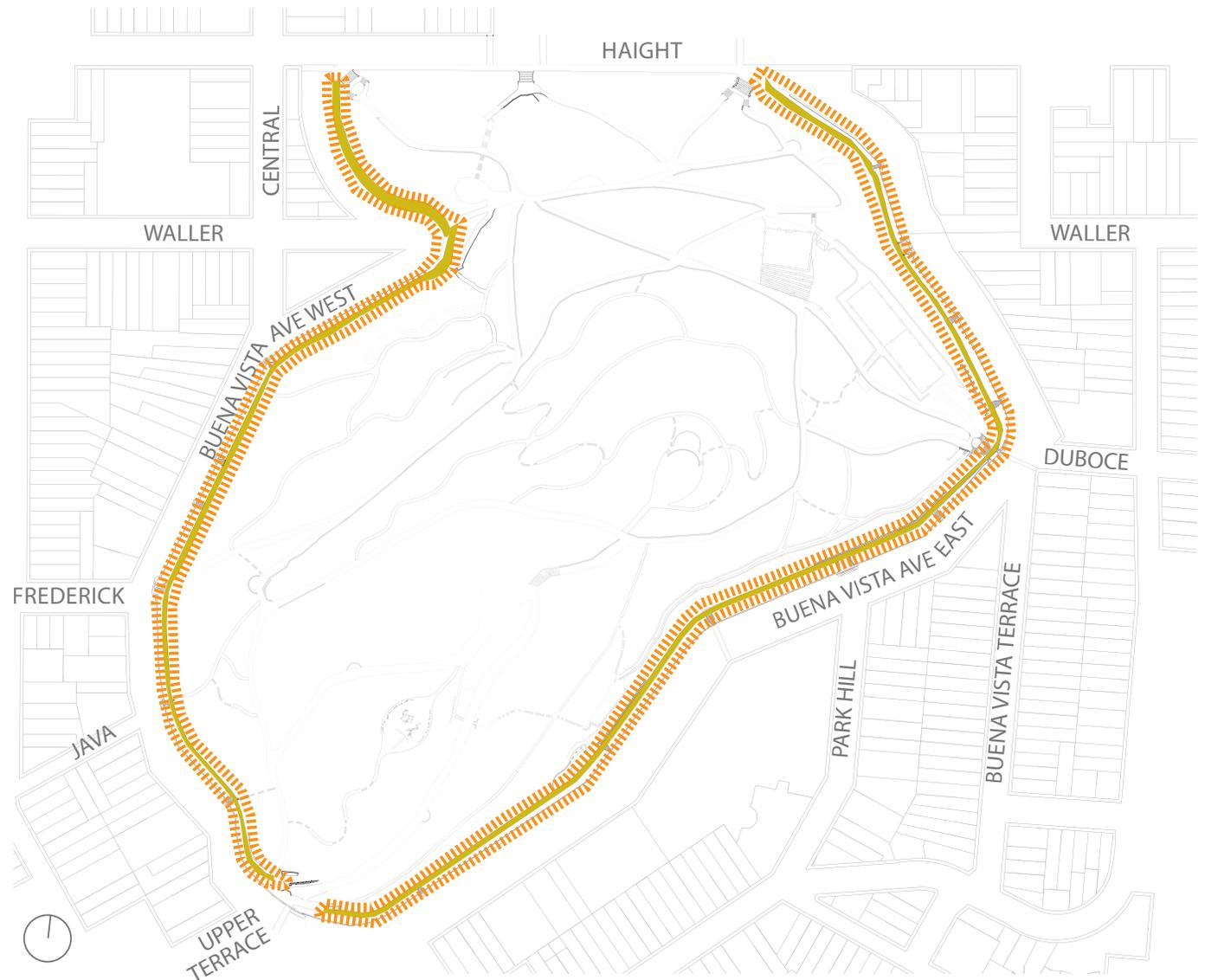
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- 1) Perimeter Walkway Complete Replacement
- 2) Playground Relocation and Picnic Area
- 3) South Summit Glade
- 4) New Maintenance Facility Building
- 5) Amphitheater, Relocated Maintenance Facility, Relocated Playground

# 1 PERIMETER WALKWAY COMPLETE REPLACEMENT



**WALKWAY REPLACEMENT**



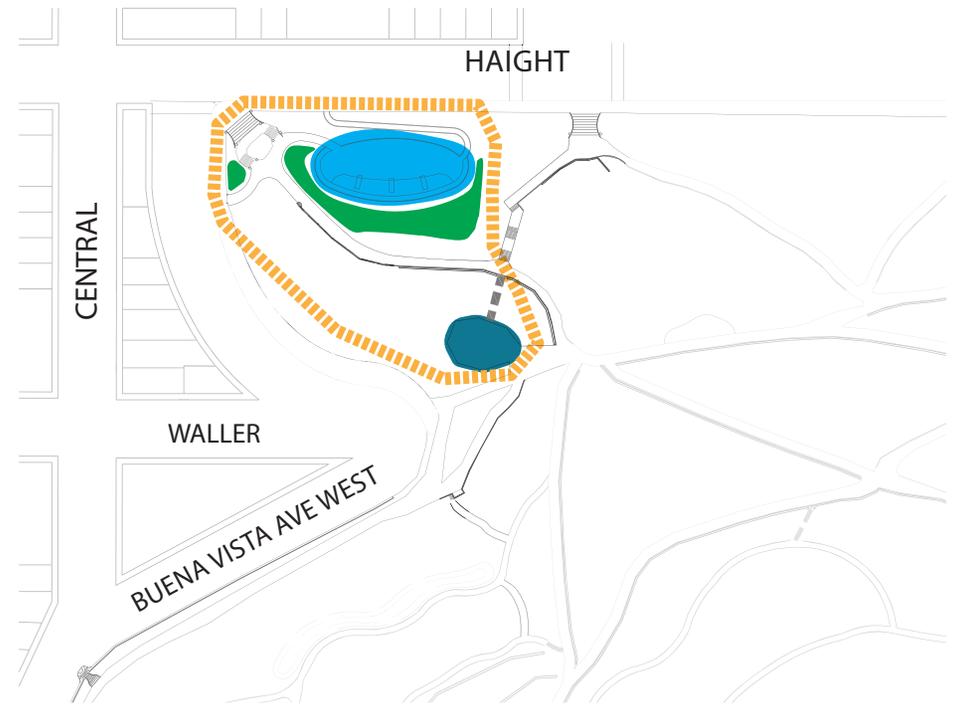
 AREA OUTLINE

 CONCRETE WALKWAY REPLACEMENT

## 2 PLAYGROUND RELOCATION AND PICNIC AREA



**SLIDE PLAYGROUND**



AREA OUTLINE 

PLANTED AREA 

RELOCATED PLAYGROUND 

PICNIC AREA 

### 3 SOUTH SUMMIT GLADE

-  AREA OUTLINE
-  FLAT AREA



FLAT AREA

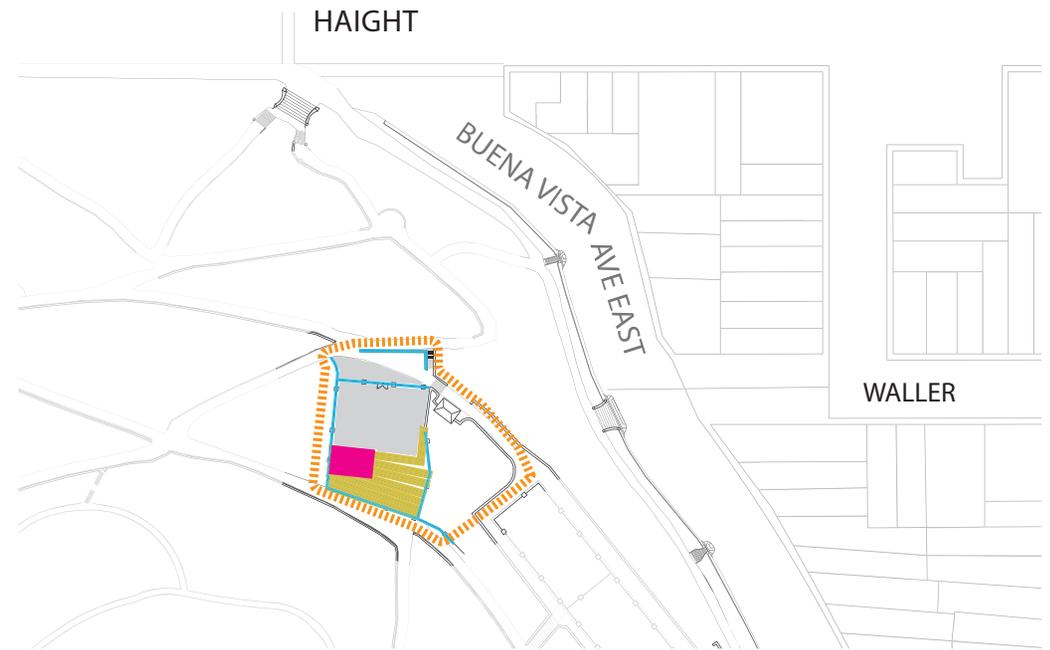


ADULT EXERCISE PROGRAMMING

# 4 NEW MAINTENANCE FACILITY BUILDING

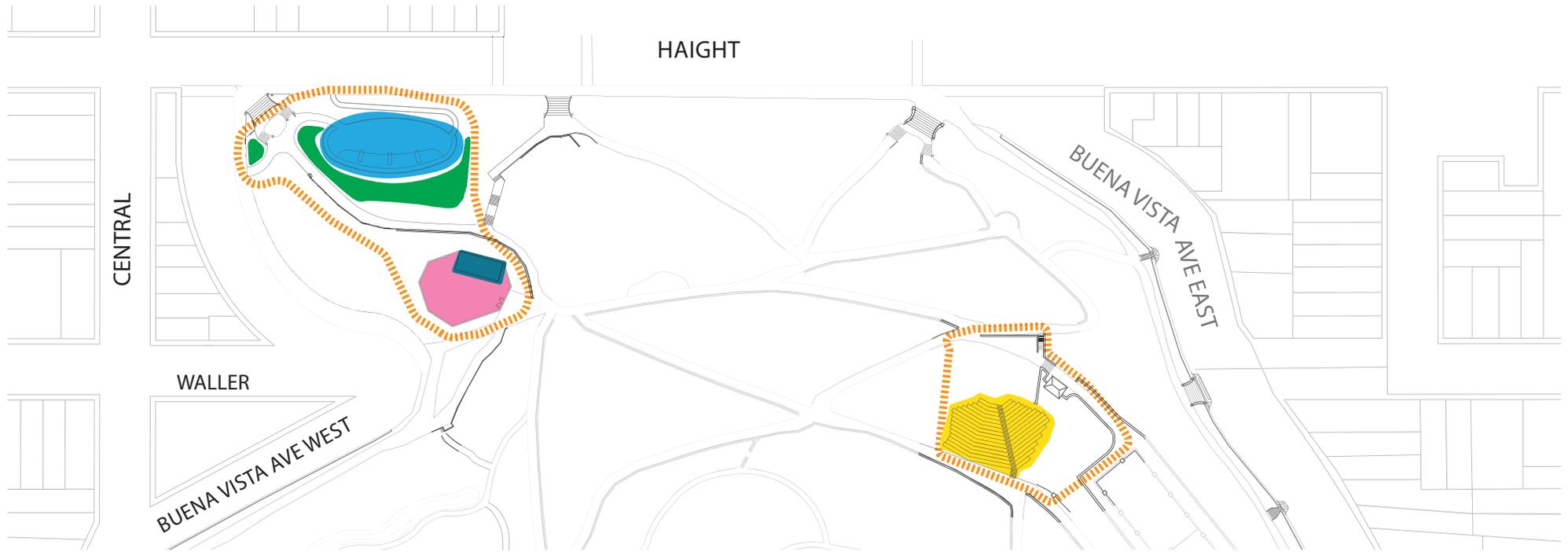


LAFAYETTE PARK MAINTENANCE FACILITY



- AREA OUTLINE 
- MAINTENANCE BUILDING 
- GRAVITY BLOCK WALL 
- YARD FENCING 

# 5 AMPHITHEATER, RELOCATED MAINTENANCE AREA AND PLAYGROUND



AREA OUTLINE



MAINTENANCE YARD



MAINTENANCE BUILDING



AMPHITHEATER



PLAYGROUND



PLANTED AREAS

## 5 AMPHITHEATER



# COST SUMMARY

<b>BASE DESIGN CORE FEATURES (INCLUDES HARD AND SOFT COST)</b>	
<b>HISTORIC ENTRANCES:</b> STRUCTURAL/AESTHETIC REPAIR + HANDRAILS	\$1,900,000
<b>FULLY RENOVATED ENTRANCES:</b> WALLER ST. ENTRY + FREDERICK ST. ENTRY	\$330,000
<b>ASPHALT PATH FOR ENTIRE SITE</b> DEMOLITION + NEW PATH CONSTRUCTION	\$3,200,000
<b>CENTRAL RUSTIC TRAIL + STAIR SYSTEM</b>	
1) DEMOLITION + NEW TRAIL CONSTRUCTION + RUSTIC FENCE	\$3,600,000
2) EROSION CONTROL	\$4,200,000
3) REFORESTATION + PLANTING	\$1,800,000
TOTAL:	\$9,600,000
<b>HISTORIC STONEWALL RESTORATION</b>	\$180,000
<b>PERIMETER COBBLESTONE WALL + CURB SIDE IMPROVEMENT</b>	\$3,600,000
<b>PERIMETER WALKWAY REPAIR</b>	\$1,500,000
<b>PERIMETER PLANTING</b>	\$530,000
<b>PARK-WIDE FOREST MANAGEMENT</b>	
1) TREE REMOVAL, PRUNING, UNDERSTORY REMOVAL	\$3,500,000
2) REFORESTATION + PLANTING (573,000 SF)	\$7,000,000

<b>IRRIGATION SYSTEM</b>	\$740,000
<b>LOOKOUTS:</b>	
1) MAIN OVERLOOK	\$240,000
2) THE WINDOW	\$160,000
3) THE SUMMIT	\$150,000
4) THREE SMALL OVERLOOKS	\$200,000
<b>PLAYGROUND RENOVATION @ CURRENT LOCATION</b>	\$1,700,000

<b>ADDITIONAL DESIGN OPPORTUNITIES (INCLUDES HARD AND SOFT COST)</b>	
<b>DESIGN 1:</b> PERIMETER WALKWAY COMPLETE REPLACEMENT	\$5,300,000
<b>DESIGN 2:</b> PLAYGROUND RELOCATION + PICNIC AREA	\$3,000,000
<b>DESIGN 3:</b> SOUTH SUMMIT GLADE UPGRADE (RUSTIC TRAIL SYSTEM, EROSION CONTROL, PLANTING + FITNESS EQUIPMENT)	\$5,800,000
<b>DESIGN 4:</b> NEW MAINTENANCE FACILITY BUILDING	\$910,000
<b>DESIGN 5:</b> AMPHITHEATER, RELOCATED MAINTENANCE FACILITY + RELOCATED PLAY AREA	\$7,800,000

## NEXT STEPS

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**Final Community Meeting:** April 2020

**Final Tasks:**

- Complete Comprehensive Cost Estimate
- Complete Final Report

**Send Comments to:**

Monica Scott

monica.scott@sfgov.org

415-581-2546

**For More Information** about the Buena Vista Park Improvement Project, please visit:

<https://sfrecpark.org/1372/Buena-Vista-Park-Needs-Assessment-Cost-A>

# QUESTIONS AND ANSWERS

