



# Alamo Square Park

## Water Conservation Improvements

## Community Meeting #2

*July 10, 2013*





- Welcome & Introductions
- Ground Rules
- Purpose of Meeting
- Project Team
- Program Background
- Project Background
- Planning Process and Schedule
- Meeting #1 Comments
- Preliminary Phasing Scheme
- Existing Conditions
- Schematic Options
- Discussion and Public Comments
- Next Steps



- Keep to the agenda
- Turn off cell phones
- Disruptions will NOT be tolerated
- Raise your hand to speak
- Direct comments to the facilitator



*Working together will make this a productive meeting!*



To present schematic landscape options for public input on the water conservation improvements planned for Alamo Square Park

(Please direct facility maintenance questions to Steven Cismowski at (415) 831-6358 or [Steven.Cismowski@sfgov.org](mailto:Steven.Cismowski@sfgov.org). Thank you.)



- Marvin Yee, PM/RecPark
- Steven Cismowski, PSA Manager/RPD
- Lizzy Hirsch, Landscape Architect/DPW
- Amanda Dougherty, PM/PUC
- Alamo Square Neighborhood Association
  - Katrina Jankowski
  - Lee Stickles
  - Bill Bonds
  - John Dallas



- 2012 “Clean and Safe” Park Bond – Water Conservation Program (\$1.0 M)
- SFPUC’s Grant Assistance for Large Landscape Retrofits Program (\$1.3 M)
- Program Goals:
  - Maximize water savings through conservation and innovation
  - Replace irrigation system
  - Improve system design and efficiency
  - Plant no-mow lawn
  - Plant lawn alternative
- Coordination with Restroom Renovation Project
- Maintain public access to children’s playground



## Alta Plaza Park - \$936,130 Grant Award

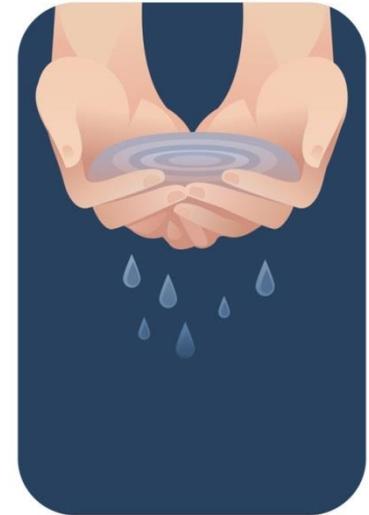
- Replaced irrigation system
- Replaced irrigation controller
- Installed “no mow” grass

## Balboa Park - \$120,180 Grant Award

- Replaced booster pump
- Replaced irrigation controller
- Improved watering coverage

## Jefferson Square Park - \$1,063,980 Grant Award

- Replaced entire irrigation system
- Install state-of-the-art irrigation controller
- Installed “no mow” grass
- Installed drought-tolerant shrubs





## Alta Plaza Park

- 12-acre park in Pacific Heights neighborhood (renovation to 4 acres)
- \$936k grant from SFPUC to RPD
- 2 years of planning, design, and construction
- 100% removal of high water-use turf grass, new irrigation system
- Estimated Water Savings of 1.5 MGY (20% reduction)





# Jefferson Square Park

- 5-acre park in Western Addition neighborhood
- \$1.06M grant from SFPUC to RPD
- 2 years of planning, design, and construction
- 30% reduction in high water-use turf grass, new irrigation system
- Estimated Water Savings of 2.14 MGY





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# “No Mow” Native Fescue

Alamo Square Park



MOWED



UNMOWED GRASS



## NEED FOR WATER CONSERVATION IMPROVEMENTS AT ALAMO SQUARE

- Leaking irrigation system (30+ years old)
- Corroded quick coupler line (70+ years old)
- Low water pressure
- Inefficient system design & layout
- Difficult-to-maintain lawn on steep slopes
- Under-utilized lawn areas





# Water Conservation Improvements

Alamo Square Park

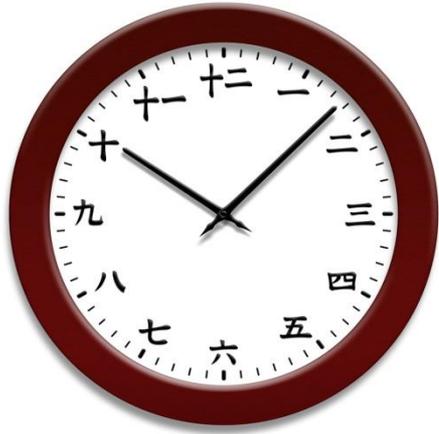
- Replace irrigation system
- Replace quick coupler line
- Install booster pump
- Improve system design & layout
- Replace unusable turf with plantings, where appropriate
- Install weather-based smart controller
- Estimated 33% water-use reduction = 2,546,192 gallons annually





# Planning Process & Schedule

Alamo Square Park



- Community Meetings (May – Aug 2013)
  - Meeting #1 – Introduction and Public Input
  - Park Walk-Through
  - Meeting #2 – Options and Public Input
  - Meeting #3 – Landscape Plan
- Commission Approval (Sept 2013)
- Construction Documents (Oct 2013 – Jan 2014)
- Advertise, Bid and Award (Feb – June 2014)
- Construction (July – Dec 2014)
- Completion – Grand Opening !!!



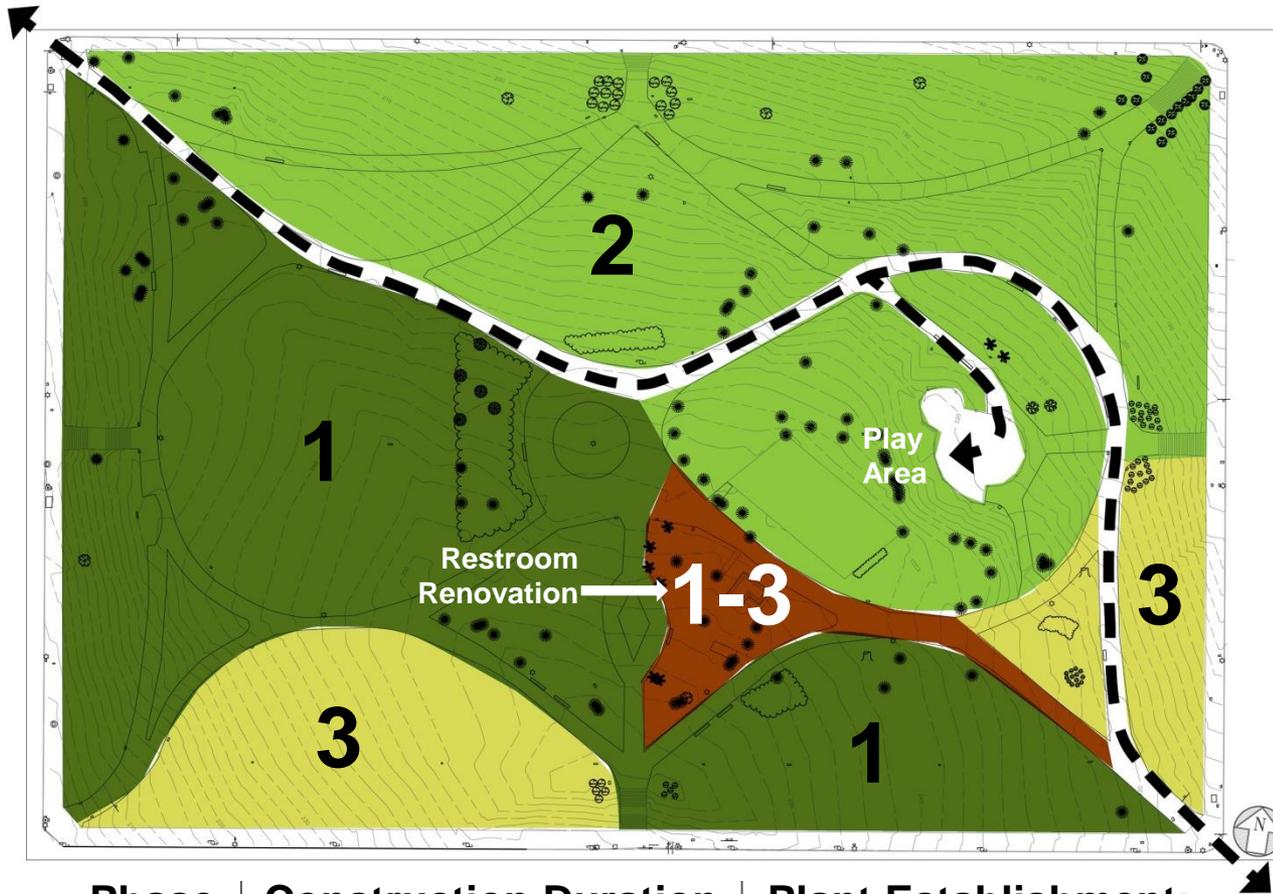
- Plant trees for windbreak
- Create zones by water needs
- Keep children's play area open
- Consider water recharge on site
- Import soil where needed
- Continue irrigation during phasing





# Preliminary Phasing Scheme

Alamo Square Park



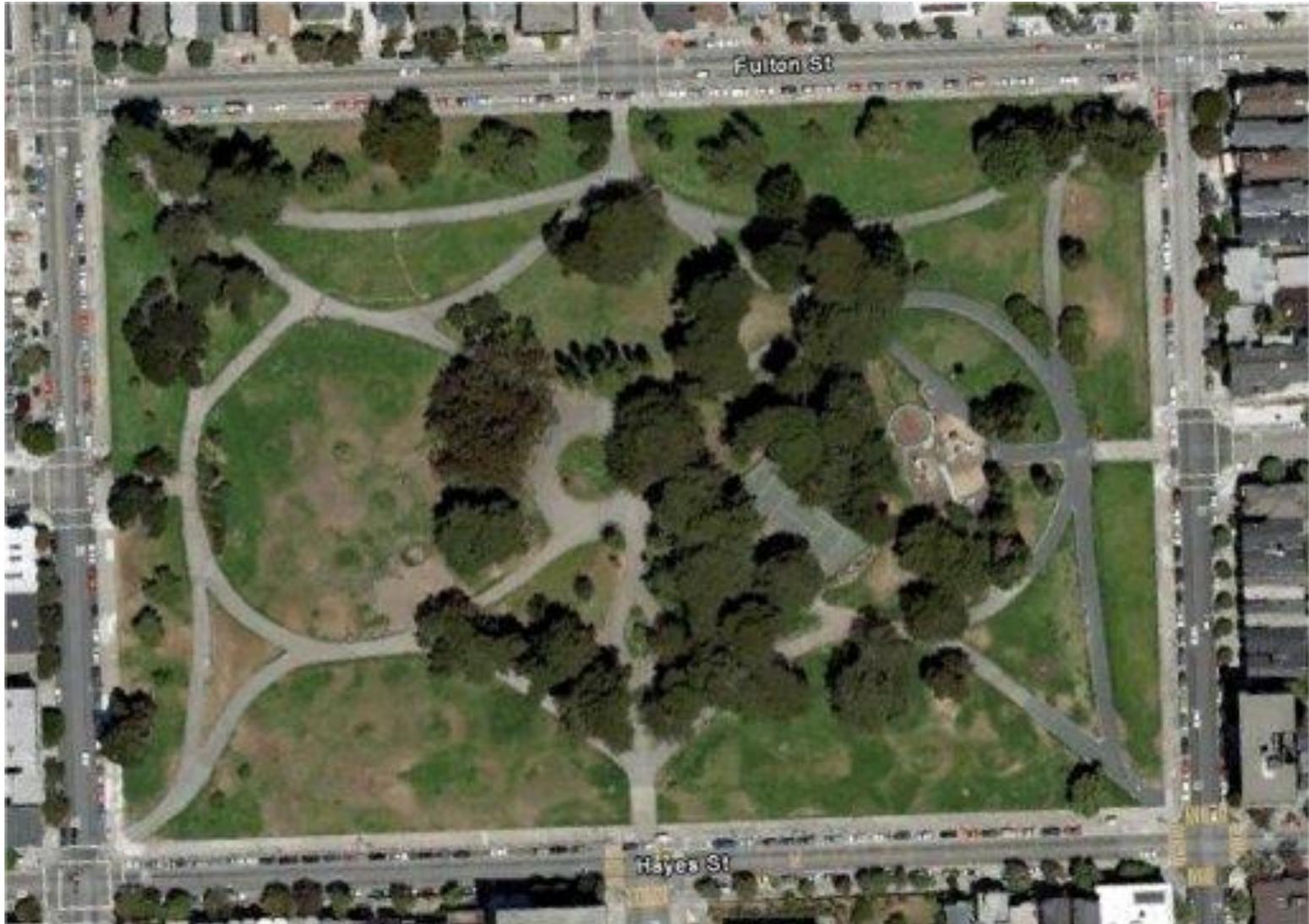
<u>Phase</u>	<u>Construction Duration</u>	<u>Plant Establishment:</u>
1	Months 1-2	Month 3
2	Months 3-4	Month 5
3	Months 5	Month 6



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# Aerial Photo

Alamo Square Park





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# Site Photos

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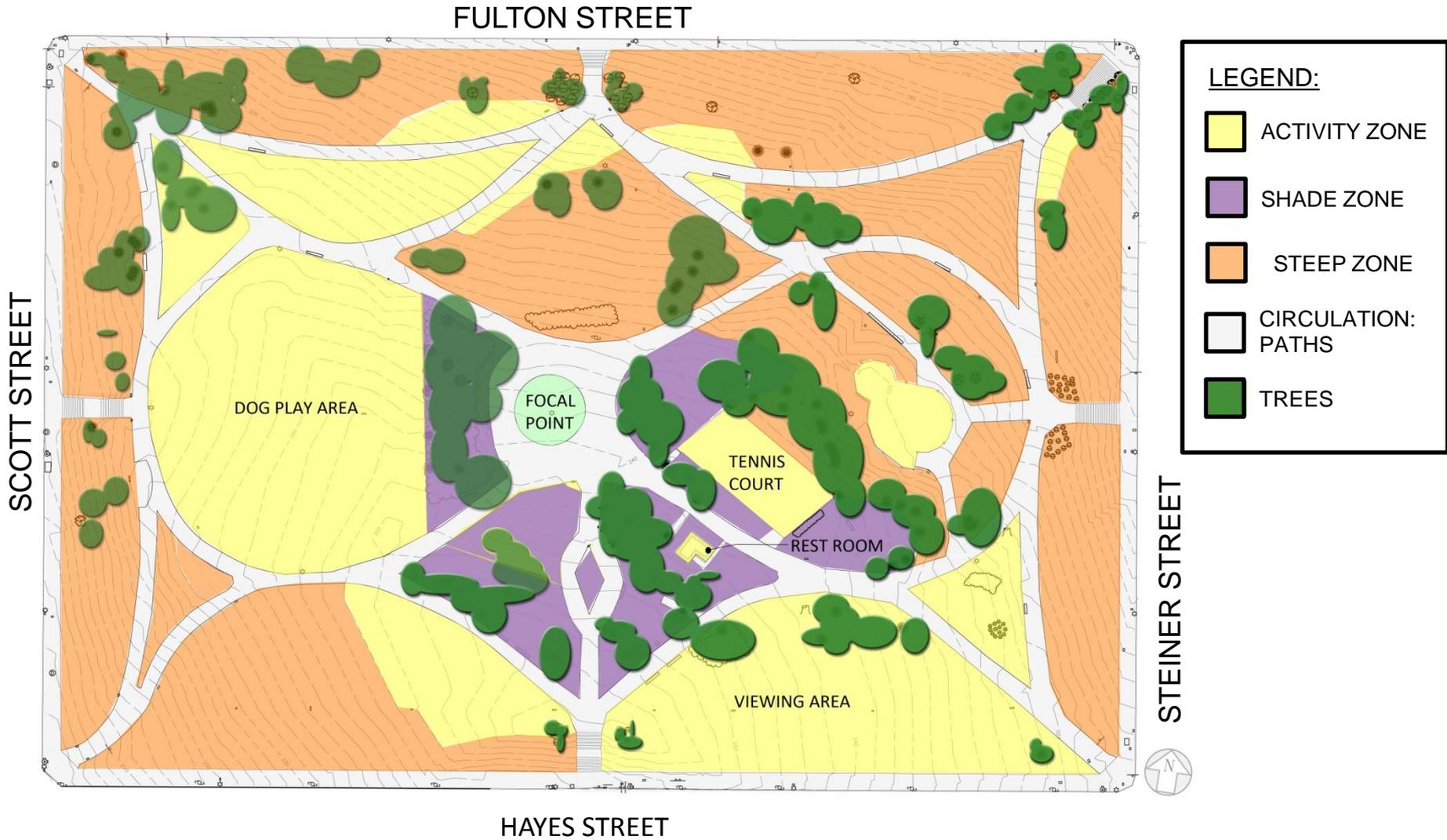




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# Site Analysis

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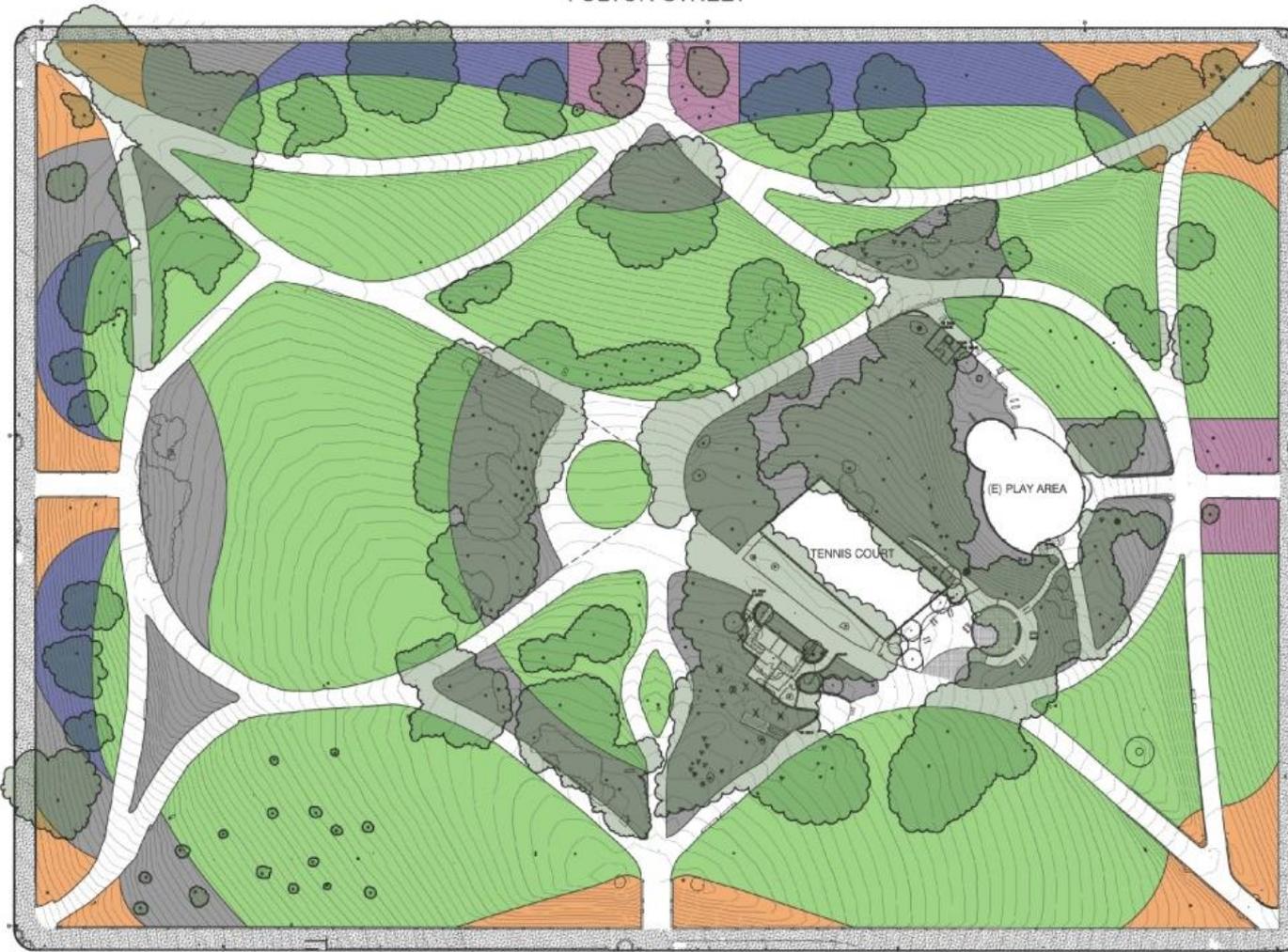


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# Planting Zones

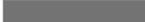
## Alamo Square Park

FULTON STREET



HAYES STREET

Legend:

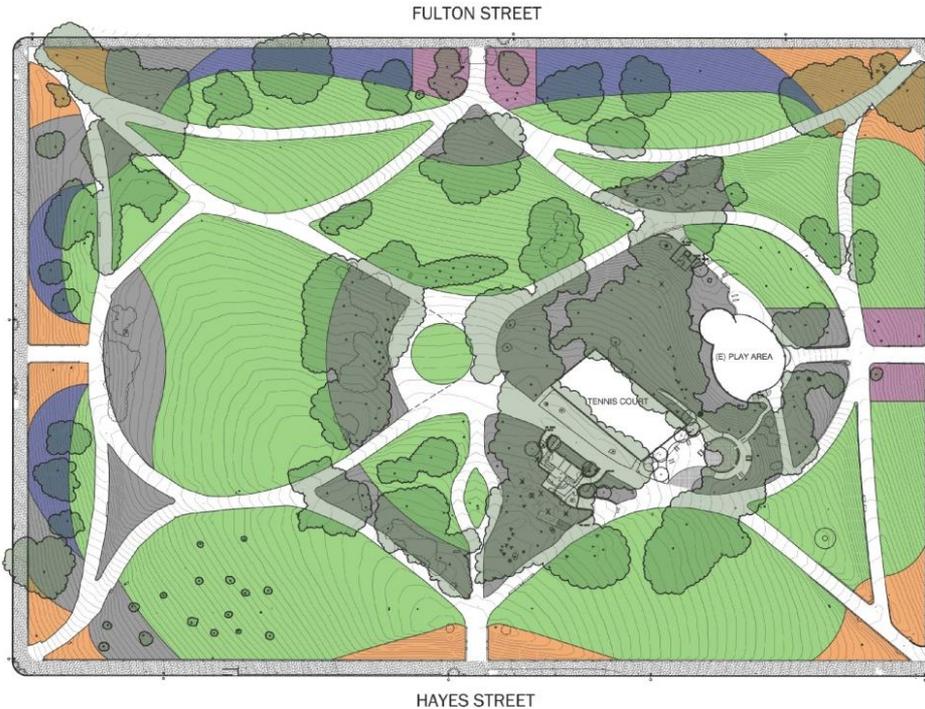
	ENTRYWAY PLANTING
	CHERRY TREE ENTRYWAYS
	SLOPE PLANTING
	UNDERSTORY PLANTING
	LAWN/ TIFWAY BERMUDA



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# Entry Planting

Alamo Square Park



## ENTRYWAY PLANTING



*RUDBECKIA FULGIDA* 'GOLDSTRUM'  
GOLDSTRUM DAISY

*SALVIA L.* 'SANTA BARBARA'  
DWARF MEXICAN SAGE

*RHAMNUS CAL.* 'ED HOLMS'  
DWARF COFFEEBERRY

## CHERRY TREE ENTRY



*RHAMNUS CALIFORNICA* 'ED HOLMS'  
DWARF COFFEEBERRY

*LIROPE MUSCARI*  
BIG BLUE MONDO GRASS

*DIANELLA TASMANICA* 'VARIEGATA'  
VARIEGATED FLAX LILY



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# Entry Planting Variations

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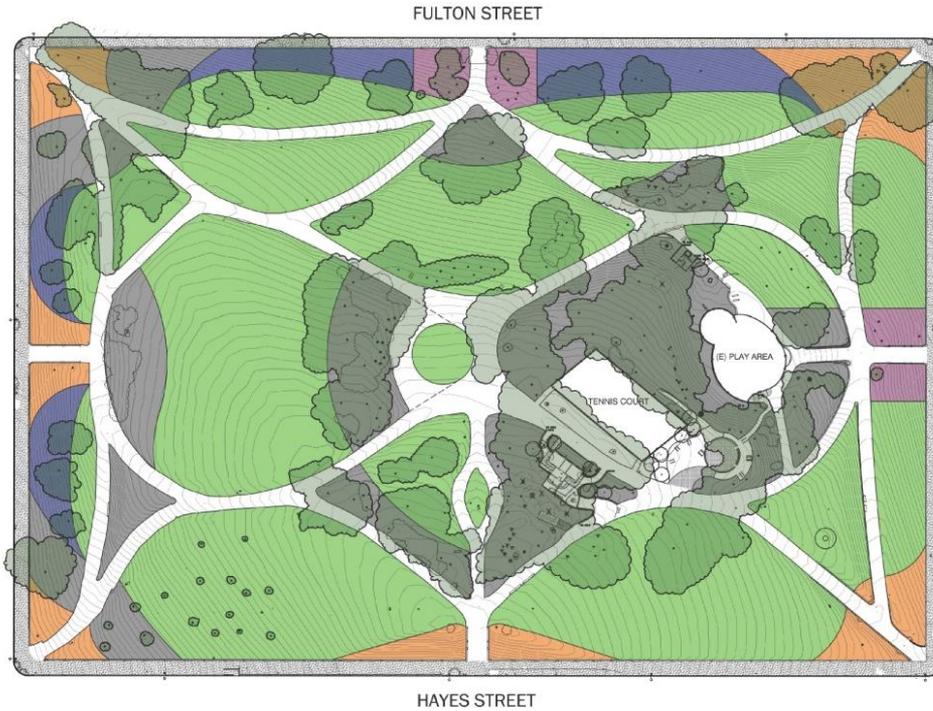




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# Slope Planting

Alamo Square Park



## SLOPE PLANTING



CAREX SP.  
'NO MOW' SEDGE GRASS

OPTION 1 - CITY PREFERRED



ARTEMESIA  
'POWIS CASTLE'

FESTUCA MAREJ 'GREENLEE FORM'  
GREENLEE ATLAS FESCUE

ACHILLIA MILLEFOLIUM  
YARROW

OPTION 2



RHAMNUS C. 'SAN BRUNO'  
COFFEEBERRY

ARCTOSTAPHYLOS X 'JOHN DOURLEY'

CEANOTHUS HEARSTIORUM  
HEARST RANCH BUCKBRUSH

OPTION 3



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# Slope Planting Variations

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No Mow



Yarrow and Grass Mix



Ceanothus and Arctostaphylos Mix



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# Understory Planting

Alamo Square Park



## UNDERSTORY PLANTING



ELEAGNUS PUNGENS 'CORAL SILVER'  
SILVERBERRY



CEANOTHUS 'RAY HARTMAN'  
HARTMAN CEANOTHUS



CEANOTHUS HEARSTIORUM  
HEARST RANCH BUCKBRUSH



PHILADELPHUS MICROPHYLLUS  
LITTLELEAF MOCK ORANGE



POLYSTICHUM MUNITUM  
WESTERN SWORD FERN



ARCTOSTAPHYLOS X 'JOHN DOURLEY'



SAMBUCUS NIGRA  
BLACK ELDERBERRY



MAHONIA X 'SOFT CARESS'



MIMULUS B. 'WHITE'  
STICKY MONKEY FLOWER



POLYPODIUM CALIFORNICUM  
CALIFORNIA POLYPODY FERN



RHAMNUS CALIFORNICA 'SAN BRUNO'  
SAN BRUNO COFFEE BERRY



MAHONIA REPENS  
OREGON GRAPE



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# Understory Planting Variations

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Arctostaphylos and Ceanothus Mix



Coffeeberry, Monkey Flower and Fern Mix



Please submit additional comments to:

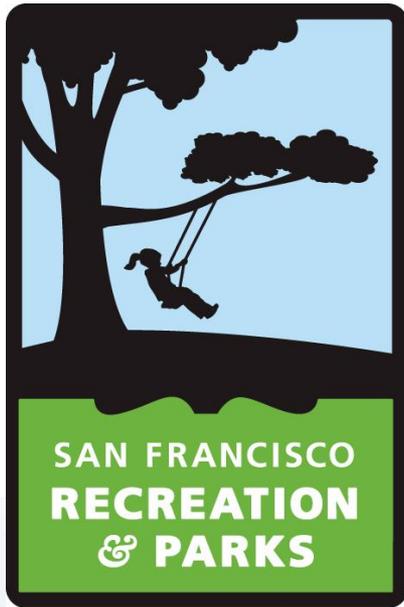
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**Thank you!**