Esprit Park Renovation

ECAG Meeting
March 14, 2019
Existing Drainage System: Grading & Drainage Layout Plan
Existing Drainage System: Construction Details
Esprit Park
Dog Play Area

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March 14, 2019
Dog Play Area Surfacing
Community’s Goals for the Dog Play Area

- To visually and physically blend in with the open lawn
- To meet access needs of a growing community
- To allow for off-leash dog exercise
- To be welcoming to people without dogs
- To be durable, resilient and maintainable
Rec Park Dog Play Area Surfacing Performance Standards:

• Minimize closures
• Functional during & after rain event
• Maintainable without holes
• Accessible
• Affordable
Presentation & Discussion Overview

• Natural Turf does not meet Performance Criteria
• Synthetic Turf best serves the Community’s Goals for the Dog Play Area
• Comparison with other parks
• Discussion and Input
The Best Option for Esprit Park?
Performance Criteria 1: Minimize Closures

Upper Douglass and St. Mary’s natural turf DPAs close for 105 days each winter plus one day per week for mowing and rest

• TOTAL DAYS CLOSED = 143 (39% of year)
• Still prone to sub-standard conditions:
  • Mud, bare earth, holes, etc.
Performance Criteria 1: Minimal Closures

St Mary’s Park
Performance Criteria 1: Minimal Closures

Duboce Park

Duboce Park
Performance Criteria 2: Maintainable during and after a Rain Event

Duboce Park DPA

Alamo Square DPA
Performance Criteria 3: Maintainable without Holes
Performance Criteria 4: ADA accessible

Comparison of surfacing:

- Synthetic turf can be fully ADA accessible as it provides a firm and stable surface.
- Most alternative surfaces including natural turf, bark mulch and sand are not ADA accessible.
- For non-ADA compliant surfaces to be used in a DPA, there needs to be an accessible path of travel to the entrance of the DPA and to a portion of the site amenities such as drinking fountains, benches and picnic tables.
Performance Criteria 5: Affordable

Both Natural and Synthetic Turf are Affordable options:

• Natural turf higher has a maintenance cost, but lower installation cost
• Synthetic turf higher installation cost, but a lower maintenance cost

Moscone Park
Scale Comparison

Esprit Park:
Park size: 2.2 acres
DPA: 1

Duoce Park:
Park size: 4.8 acres
DPA: x5

Alamo Square:
Park size: 12.7 acres
DPA: x17
## Population & Intensity of Use

Chart comparing Alamo Square, Duboce Park and Esprit Park & the neighborhood density relative to the size of the DPA

<table>
<thead>
<tr>
<th>Neighborhood Name</th>
<th>Alamo Square</th>
<th>Duboce Park</th>
<th>Esprit Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pop within 0.5 Mile (2015)</td>
<td>17,496</td>
<td>16,120</td>
<td>9,879</td>
</tr>
<tr>
<td>Park Size (Acres)</td>
<td>12.7</td>
<td>4.8</td>
<td>2.2</td>
</tr>
<tr>
<td>DPA size (Sq. Ft)</td>
<td>170,000</td>
<td>50,000</td>
<td>10,000</td>
</tr>
<tr>
<td>DPA area as % of park area</td>
<td>31%</td>
<td>24%</td>
<td>10%</td>
</tr>
<tr>
<td>Sq. ft. of DPA per person (within 0.5 Mile) (2015)</td>
<td>9.7</td>
<td>3.1</td>
<td>1</td>
</tr>
</tbody>
</table>

Population projections
Alternative Surfaces
Preserve the Pastoral Experience of the Park
Provide a Year Round Dog Play Area

Natural Turf Closed 143 days a year
Synthetic Turf Closed parts of 12 days a year
Create a Rich, Multi-Use Dog Play Area
Artificial Turf our Best Option

• Preserve the pastoral experience of the Park
• Provide a year round dog play area
• Save maintenance dollars & hours for other parts of the Park
• Create a rich, multi-use dog play area
Comments
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