City of Salem Forest River Pool

Recreation Commission
June 19, 2018
Agenda

Intro/Overview

Existing Conditions

Pool Programming

Bathhouse Considerations

Ballfield Options

Park Option

Existing Location Option
IMPORTANT CONSIDERATIONS

• Several programmatic needs and funding
• Scheduling & phasing
• Wetlands, floodplains, permitting
• Historic
• Universal design – engaging diverse users
• Zero net energy goal and LEED
  • minimum requirements are for it to meet 20% above the current energy code & receive all applicable utility incentives
• Neighborhood and impact of construction
• Operations & Maintenance
• Transportation, access, and parking
The nature of design is to synthesize disparate perspectives and create a richer end product through collaboration and iteration.

*Jens Martin Skibsted*

<table>
<thead>
<tr>
<th>Integrated Design Process</th>
<th>Conventional Design Process</th>
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<tbody>
<tr>
<td>Inclusive from the outset</td>
<td>Involves team members only when essential</td>
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<tr>
<td>Front-loaded — time and energy invested early</td>
<td>Less time, energy, and collaboration exhibited in early stages</td>
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<tr>
<td>Decisions influenced by broad team</td>
<td>More decisions made by fewer people</td>
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<tr>
<td>Iterative process</td>
<td>Linear process</td>
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<tr>
<td>Whole-systems thinking</td>
<td>Systems often considered in isolation</td>
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<tr>
<td>Allows for full optimization</td>
<td>Limited to constrained optimization</td>
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<tr>
<td>Seeks synergies</td>
<td>Diminished opportunity for synergies</td>
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<tr>
<td>Life-cycle costing</td>
<td>Emphasis on up-front costs</td>
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<tr>
<td>Process continues through post-occupancy</td>
<td>Typically finished when construction is complete</td>
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Pool Types: Open Water Pools

- Large unobstructed water surface
- Limited separation of swimmer/non-swimmer areas
- Can support lap swim, classes, diving

Pool Types: Separate Pools

- Eliminates cross-over swimming from shallow to deep water
- Can support lap swim, classes, diving
- Greatest degree of oversight for youngest of users
- Increased construction cost
- Higher operating cost
Pool Types: Combination Pool

- Breaks pool into zones for swimmers and non-swimmers
- Can support lap swim, classes, diving
- Greater degree of oversight for youngest of users
Bathhouse Considerations
Traditional vs Single Use
Pools & Bathhouses
Ballfield Options
Ballfield Site
Pool Information:
- Pool water area 3,500 s.f.
- Splash pad area 1,500 s.f.

Building Information:
- Bathhouse Building area 2,009 s.f.
- 234 bathers per pool water area
- Filtration room 190 s.f.

Parking Information:
- Planned parking count 101 spaces
- Proposed parking count 138 spaces

Ball Field Location - Option 1A
May 30, 2018
Pool Information:
- Pool water area 3,500 s.f.
- Splash pad area 1,500 s.f.

Building Information:
- Bathhouse Building area 2,009 s.f.
- 234 batters per pool water area.
- Filtration room 180 s.f.

Parking Information:
- Planned parking count 101 spaces
- Proposed parking count 116 spaces
Park Option
Pool Information:
- Pool water area 4,400 s.f.
- Kiddie Pool water area 1,600 s.f.
- Splash pad area 2,200 s.f.

Building Information:
- Bathhouse Building area 4,000 s.f.
- 400 bathers per pool water area.
- Filtration room 180 s.f.

Parking Information:
- Planned parking count 191 spaces
- Proposed parking count 154 spaces

Park Land Location
May 30, 2018
Existing Site Option
Cove Restoration
Pool Information:
- Pool water area 4,400 s.f.
- Kiddle Pool water area 1,500 s.f.
- Splash pad area 2,300 s.f.

Building Information:
- Bathhouse Building area 4,000 s.f.
- 400 bathers per pool water area
- Filtration room 180 s.f.
- Proposed deck area 1,800 s.f.

Parking Information:
- Proposed parking count 23 spaces (staff and accessible parking)
- 2 Bus parking spaces

Existing Pool Location
June 14, 2018
Bathhouse Options
Building Information:
- Bathhouse Building area: 4,600 sq. ft.
- 400 bathers per pool water area
- Filtration room: 190 sq. ft.
- Proposed deck area: 1,800 sq. ft.

Existing Bathhouse
June 14, 2018