AGENDA

1. Project Recap
2. Updated Recreation Center Design / Site Plan
3. Stormwater Charrette Feedback
4. Stormwater Design
5. General Concerns / Questions & Answers
6. Next Steps
7. Project Points of Contact
Project Budget

$4.6M includes:

- new, small, innovative facility that fits within context of the community
- holistic park storm-water management improvements
- new lighting in the park (based on lighting task force’s recommendations)
- working water fountains within the park and in the Recreation Center
- ADA accessible restrooms
- Note that no funding will be used towards athletic court lighting.
Community Meetings

1. Oct 26, 2017 – Project Introduction
2. Jan 17, 2018 – Community Survey Review
3. July 11, 2018 – First Concept Review
4. Sep 12, 2018 – Continued Concept Review
5. Nov 29, 2018 – Continued Concept Review
6. Apr 9, 2019 – Continued Concept Review
7. May 14, 2019 – Stormwater Charrette
8. July 10, 2019 – Final Recreation Center Design Review
OVERALL SITE DESIGN

Lafayette Recreation Center

* One (1) existing cherry tree determined to be in poor health by Ward Arborist and
recommended for removal & replacement. All others along drive to be protected in place.

Note: Landscape areas shown as darker green shown for graphical purposes only. Final
planting plan and designation of plant beds and lawn area to be finalized through the
design process.

Existing Heritage Tree to remain and be protected in place.

Ex. Cherry trees to be protected, typ.

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Bioretention area

Ex. Basketball Court

Existing

Ex. Tennis Court

One ex. Cherry tree in poor health to be replaced in kind.
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ENLARGED PLAN NEAR BUILDING
BIORETENTION SECTION

- Proposed Railings
- Existing Evergreens to Remain
- Bioretention Area
- Key Plan
- Water Fountain & Bottle-Filling Station
- Boardwalk
- Gravel Bed for Stormwater Pre-Treatment
- Bioretention Plantings, Typ.

Lafayette Recreation Center
PRECEDEMNT IMAGERY LANDSCAPE
FLOOR PLAN

TOTAL AREA 3030 SF

KITCHENETTE 64 SF
ELECTRICAL ROOM 55 SF
STORAGE ROOM 103 SF
IT/AV ROOM 101 SF
MECHANICAL ROOM 105 SF
WOMEN'S BATHROOM 140 SF

MULTIPURPOSE ROOM 922 SF
FLEX SPACE 414 SF

MAIN ENTRY 97 SF
OFFICE 50 SF
MECHANICAL 2 50 SF
CLASSROOM 242 SF
MEN'S BATHROOM 140 SF

ENTRY

Lafayette Recreation Center
Lafayette Recreation Center

WEST ELEVATION
MATERIALS - EXTERIOR

STONE VENEER

METAL PANELS, DETAIL AT WINDOWS, EXTERIOR DOORS & CANOPIES

ROOF SHINGLES LIGHT GREY
CLIFFSTONE BY LEA CERAMICHE - EXTERIOR PORCH AND ALL INTERIORS FLOORS

STONE VENEER FINISH - MULTIPURPOSE ROOM
BUILDING LIGHT FIXTURES

**BEGA LED**

![BEGA LED Image]

**Kuzco Lighting - Casa LED**

![Kuzco Lighting - Casa LED Image]

**LED wall luminaire - asymmetric light distribution**

<table>
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<th>Option</th>
<th>Lamp Type</th>
<th>Total Lumen</th>
<th>Total Wattage</th>
<th>Volts</th>
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**Dimensions:**
- Small Fixture: W 4.5 in, H 4.5 in, D 1 in
- Medium Fixture: W 6.75 in, H 6.75 in, D 1 in
- Large Fixture: W 8.25 in, H 8.25 in, D 1 in

**Model(s):**
- EW71311-GY, EW71309-GY, EW71305-GY, EW71311-BK, EW71309-BK, EW71305-BK.
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WHAT’S CAUSING THE EROSION?
• Stormwater!
• Increased precipitation (next page)
• Compacted cover
• Steep slopes
• Long flow paths (see photo)
• Exposed soils
• Existing tree canopy (shade - difficult to get turf to grow)
• Existing site usage
  • Foot / Paw Traffic (heavily used)
  • Sledding
• Clogged bioretention

Long flow paths and subsequent erosion.
WTOP (103.5 FM) WASHINGTON —
2018 will officially go down as D.C.'s wettest calendar year on record. The National Weather Service (NWS) announced that Reagan Airport's total observed rainfall for the year had reached 61.34 inches at exactly 6:26 a.m. on Saturday, shattering D.C.'s old record of 61.33 inches set in 1889.

THE WASHINGTON POST —
In just an hour (on Monday from 8:52 to 9:52), about a month's worth of rain drowned the District, a staggering 3.3 inches fell at Reagan National Airport, breaking a 148 year old record.
Lafayette Recreation Center

**SW CHARRETTE FEEDBACK**

1. **Limited usage**
2. **Well used walking path**
3. **Alley**
   - Heavily Used
   - Outdoor Fitness
   - Hockey
   - Waiting Area
4. **Tennis Courts**
   - Heavily Used
   - Not Draining
   - Dogs Running
5. **Top of Hill**
   - Called “Upper Field”
   - Heavily Used
   - Tot Soccer
   - Dog Run
   - Not permitted
6. **Playground**
   - Heavily Used
7. **Sledding Hill**
8. **Baseball Field**
   - Called “Lower Field”
   - Heavily Used + Compacted
   - Permitted by DPR
9. **Some passive recreation, but okay to plant more trees (strategically)**
SW RECOMMENDATIONS

Top of Hill
- Remove historic artifacts
- Remediate soil (subsoiling)
- Limit foot/paw traffic
- Regulate school usage
- Educational signage

* Consider strategic boardwalks

Meadow + tree plantings

* No dogs allowed on field

Tennis Courts
- Clean drains
- No dogs allowed

Plant more trees

Meadow + tree plantings

* Extend perimeter drain

Meadow + tree plantings

* No dogs allowed on field

Lafayette Recreation Center
SOIL REMEDIATION

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- No dogs allowed on field
- Tennis Courts
- Clean drains
- Outdoor Fitness
- Hockey
- Waiting Area
- Wildflower plantings
- Extend perimeter drain

Winged-tip Subsoiler
Subsoiler shanks with winged tips

Compacted layer
Subsoiled area
1 to 2 inches

Without subsoiling
With subsoiling
Lafayette Recreation Center

STRATEGIC MEADOW PLANTINGS

- No dogs allowed on field
- Tennis Courts
  - Clean drains
- Alley
  - Heavily Used
- Outdoor Fitness
  - Hockey
  - Waiting Area
- Wildflower plantings
- Consider boardwalks
- Extend perimeter drain
STRATEGIC BOARDWALKS

Lafayette Recreation Center
Water-Smart Practices

*Stormwater runoff* can be a big problem in cities and towns. Water running off rooftops, streets, and sidewalks can cause flash floods, erosion, and pollution of lakes and streams. We can protect our water if we can *slow down this rush* of stormwater and give it a chance to soak into the ground.

The Watershed Center uses a variety of methods to reduce stormwater runoff. Water from the lower roof of the main building flows through downspouts to the *rain garden* in front of you. Rainwater is briefly stored here, usually soaking into the ground within 24 hours. Deep-rooted *native plants* aid in this process and provide habitat to a variety of animals.

Water from the main building’s higher roof flows into the blue tank. The *harvested rainwater* is used to flush toilets and water plants. Many households use rain barrels to collect roof runoff for watering plants.

Water collected from the restroom’s high rooftop flows down a series of channels. Holes in the channels allow the rainwater to drip down the cables. This waters the native vining plants at the base of the cables. This *living wall* provides habitat to hummingbirds, butterflies, and other pollinators.
1. **Phase One:**
   - Removal of all historic artifacts from top of park hill
   - Remediation of the soil on top of park hill
   - Wildflower meadow plantings / additional tree plantings
   - Expansion of the existing trench drain
   - Educational and Interpretive signage
   - Boardwalks (if needed)

2. **Phase Two** – DGS/DPR/DOEE evaluate and monitor Phase One implementation for effectiveness. Monthly site visits with analysis. Full timeline TBD.

3. **Phase Three:**
   - Strategic implementation of remaining civil plans (bioretention, berms, new trench drains, underground pipe system to convey stormwater overflow, new concrete gutters and walkways)
1. Next Community Meeting: TBD

2. Recreation Center Design: Complete with tonight’s presentation

3. Permit: Winter 2018/19 to Summer 2019

4. Construction: Summer 2019 to Spring 2020

   • Note: Schedule subject to change based regulatory reviews, weather, unforeseen conditions, etc.
POINTS OF CONTACT

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Project Website
www.dgs.dc.gov/page/lafayette-recreation-center-modernization