LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

DEPARTMENT OF GENERAL SERVICES – CAPITAL CONSTRUCTION DIVISION

MARCH 13, 2024

Lafayette-Pointer Water Mitigation & Field Replacement Project

Meeting attendees

Department of general services(DGS)

District of Columbia Public Schools

Drummond Projects

Lafayette Elementary School

Friends of Lafayette Park (FOLP)

DC Department of Parks and Recreation

HEP Construction

Wiles Mensch

Huska Consulting

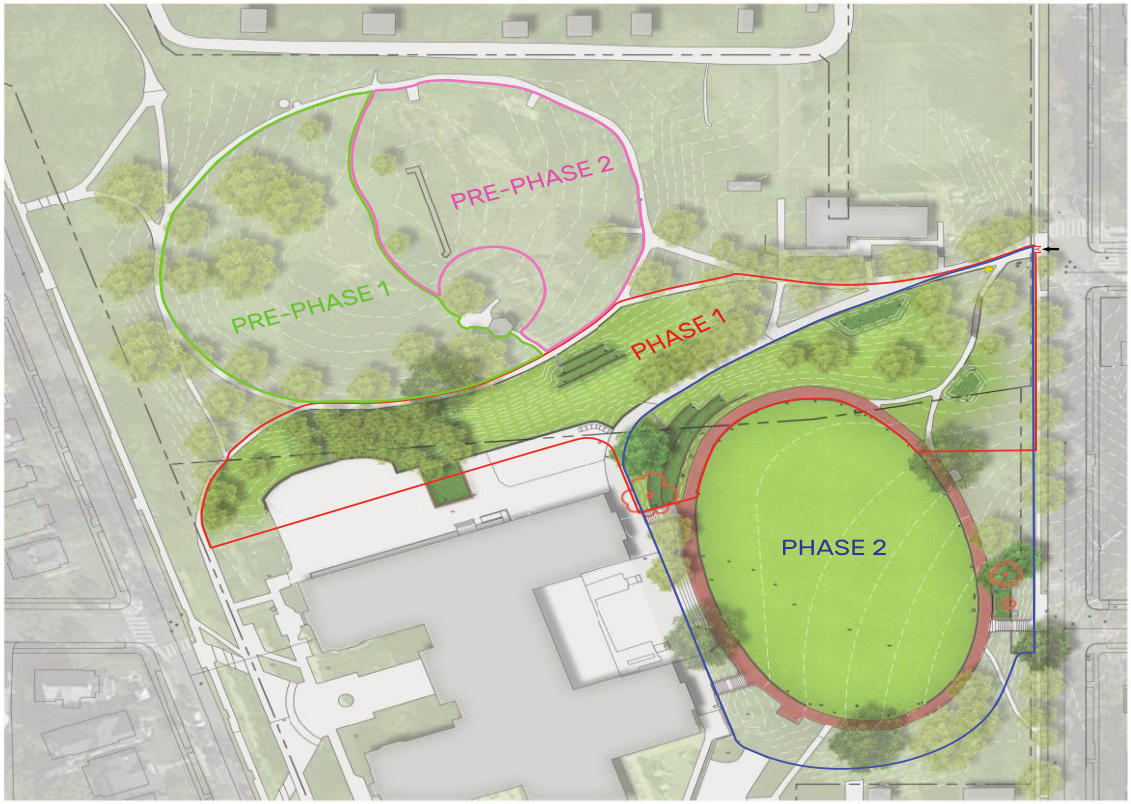
Lafayette-Pointer Water Mitigation & Field Replacement Project

Project Overview

- Identify factors leading to stormwater runoff on the southeast hillside from the upper field toward the lower school field and track
- Install stormwater management to redirect or retain rainfall.
- Replace field and track at lower field.

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

STORMWATER IMPROVEMENT PLAN



LEGEND

- PRE-PHASE 1
- PRE-PHASE 2
- PHASE 1
- PHASE 2
- ENTRANCE
- TRUCK WASH AREA

*DARKER ZONES REPRESENT POSSIBLE AREAS OF WORK. FADED AERIAL FOR REFERENCE ONLY.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

Existing conditions top of hill to the playground: the project plan is to modify the trench drain but remove stairs and shrubs and install a new retaining wall and bioretention area.

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

CURRENT CONDITION

Existing conditions at the top of the hill showing small trees that will be cleared for restoration of the bioretention area with new hillside plantings.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

The bottom of the stairs looking up: concrete wall patch after stairs are demolished.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

The rest of the retaining wall further west of plan: small tree clearing, grading, and installation of trench drains.

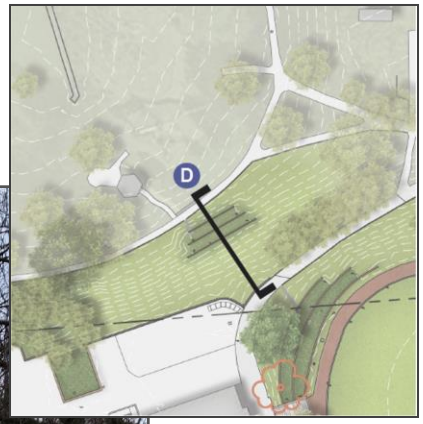
Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

Existing bio: grading and new trench drain installation to stop sediment from coming over the wall.

Lafayette-Pointer Water Mitigation & Field Replacement Project

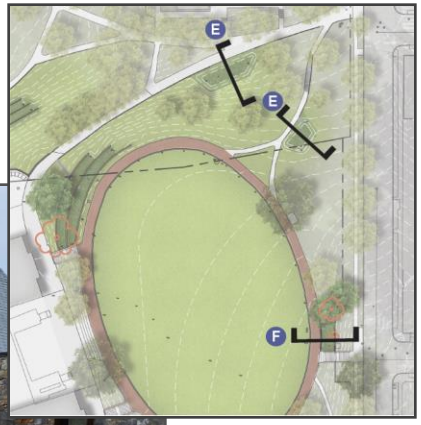
Current Condition



The hillside bioretention with concrete retaining walls and RIP RAP off of asphalt walkway.

Lafayette-Pointer Water Mitigation & Field Replacement Project

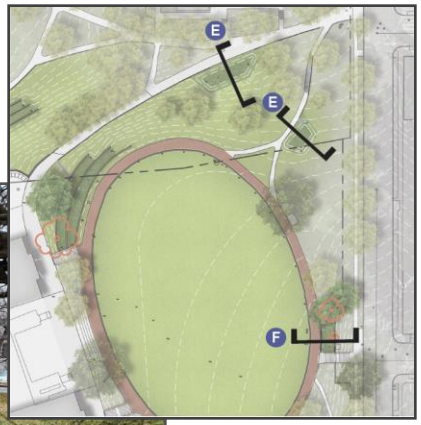
Current Condition



Removing the existing concrete pad and adding a bioretention area; borders to be built up Eco berms.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition



Adding a bioretention at asphalt walkway on the hill, borders to be berms.

DPR DC Department of Parks and Recreation

DGS Department of General Services BUILD MAINTAIN SUSTAIN

GOVERNMENT OF THE DISTRICT OF COLUMBIA
MURIEL BOWSER, MAYOR

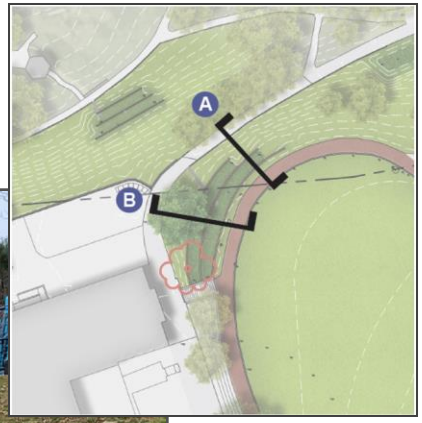
LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

CURRENT CONDITION

Athletic field: total field replacement and removal of asphalt walkway down to the track from the upper asphalt path. It will be replaced with stormwater management.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition



Proposed area for the tiered bioretention w/concrete retaining walls on the northwest side of the track; removing the (3) trees and installing a new honey locust tree.

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

Proposed location for a new bioretention on the southeast side that of the field is tied into all the field underdrains; removal of (2) trees and the installation of (1) new honey Locust tree.

DPR DC Department of Parks and Recreation
DGS Department of General Services BUILD MAINTAIN SUSTAIN
We Are Washington DC Government of the District of Columbia Muriel Bowser, Mayor

Lafayette-Pointer Water Mitigation & Field Replacement Project

Current Condition

Existing conditions highlighting the bare spot on the field from compaction and lack of drainage.

DPR DC Department of Parks and Recreation
DGS Department of General Services BUILD MAINTAIN SUSTAIN
We Are Washington DC Government of the District of Columbia Muriel Bowser, Mayor

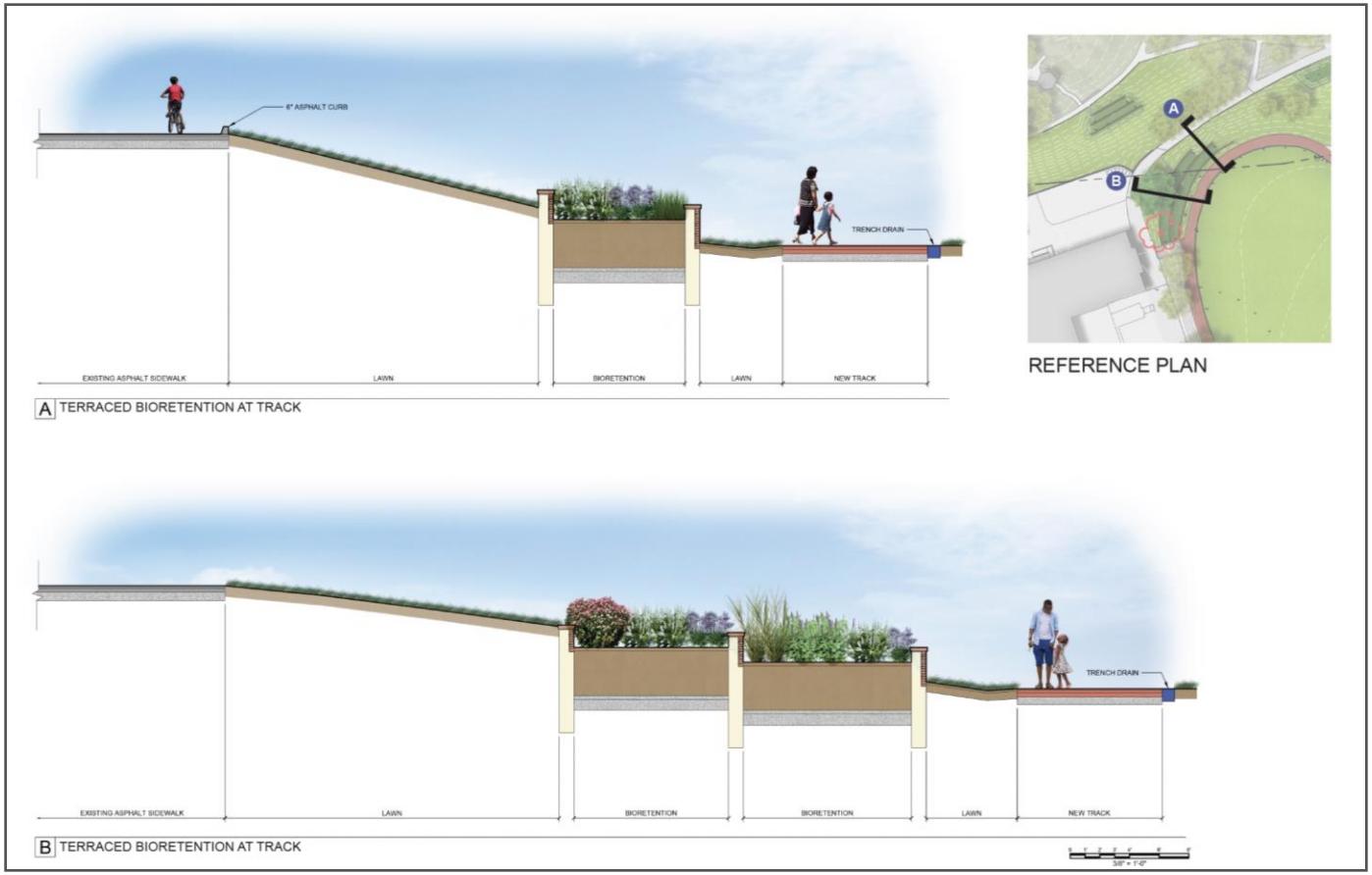
LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

PROJECT RENDERINGS

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

PROJECT RENDERINGS

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT



REFERENCE PLAN

PROJECT RENDERINGS

DPR DC DEPARTMENT OF PARKS AND RECREATION

DGS DEPARTMENT OF GENERAL SERVICES BUILD MAINTAIN SUSTAIN

WE ARE WASHINGTON GOVERNMENT OF THE DISTRICT OF COLUMBIA MURIEL BOWSER, MAYOR

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

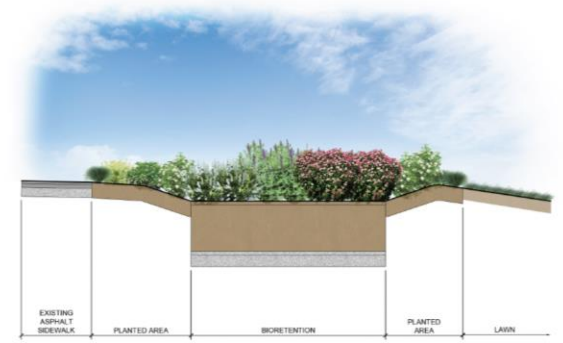
REFERENCE PLAN

PROJECT RENDERINGS

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT

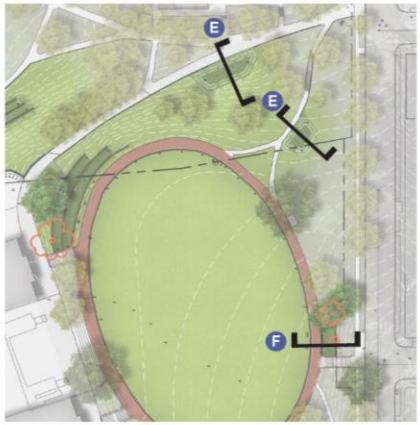
PROJECT RENDERINGS

LAFAYETTE-POINTER WATER MITIGATION & FIELD REPLACEMENT PROJECT



E STANDARD BIORETENTION WITH BERMS

F STANDARD BIORETENTION WITH WALLS



REFERENCE PLAN

PROJECT RENDERINGS

DPR DC DEPARTMENT OF PARKS AND RECREATION

DGS DEPARTMENT OF GENERAL SERVICES BUILD MAINTAIN SUSTAIN

WE ARE WASHINGTON DC GOVERNMENT OF THE DISTRICT OF COLUMBIA MURIEL BOWSER, MAYOR

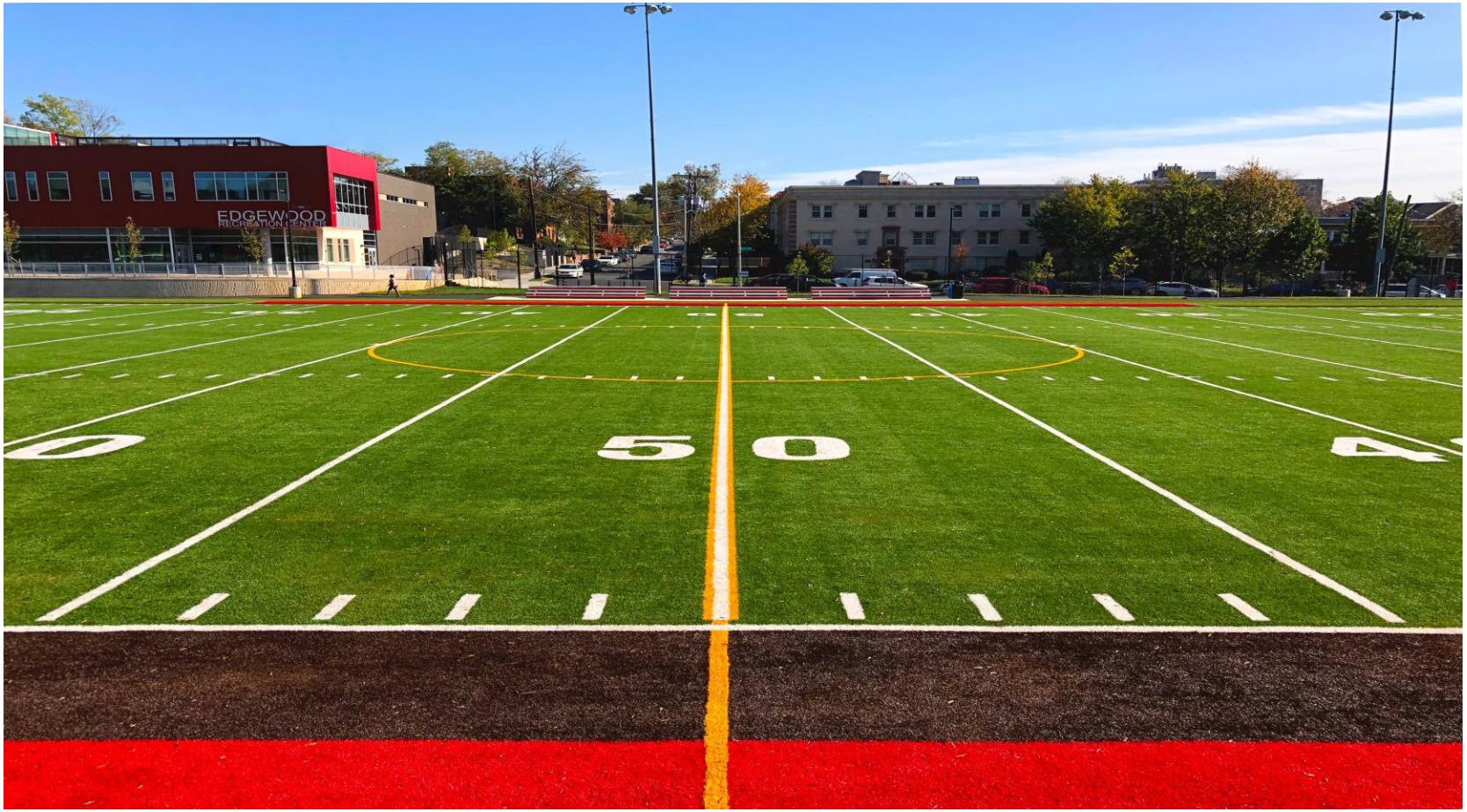
Lafayette-Pointer Water Mitigation & Field Replacement Project

Turf Field

- This is a year-round field. Grass fields must have a "rest" period during cooler months (typically Nov – March, per DPR guidelines). A school field cannot be offline for 4-5 months per year.
- If used year-round, the grass field would need to be replaced every 3-5 years, at an estimated capital cost of $250,000.
- DGS will install Fieldturf turf system with Ecogrind infill.
- Crumb rubber IS NOT part of the scope.

Deanwood Recreational Center Turf Baseball Diamond Installed CY 2024

Edgewood Recreational Center Field Installed CY 2021



Shepard Park ES Soccer Field Installed CY 2021

QUESTIONS & ANSWERS

CONNECT WITH DGS!

Contact: DGS@dc.gov

Facebook: www.facebook.com/dcdgs

Twitter: www.twitter.com/dcdgs

Instagram: www.instagram.com/dcdgs

2015 Aerial Image

2012 Aerial Image

2012 Aerial Image

2008 Aerial Image