



Lafayette Recreation Center Community Meeting # 8 July 10, 2019

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 RECAP

Project Budget

\$4.6M includes:

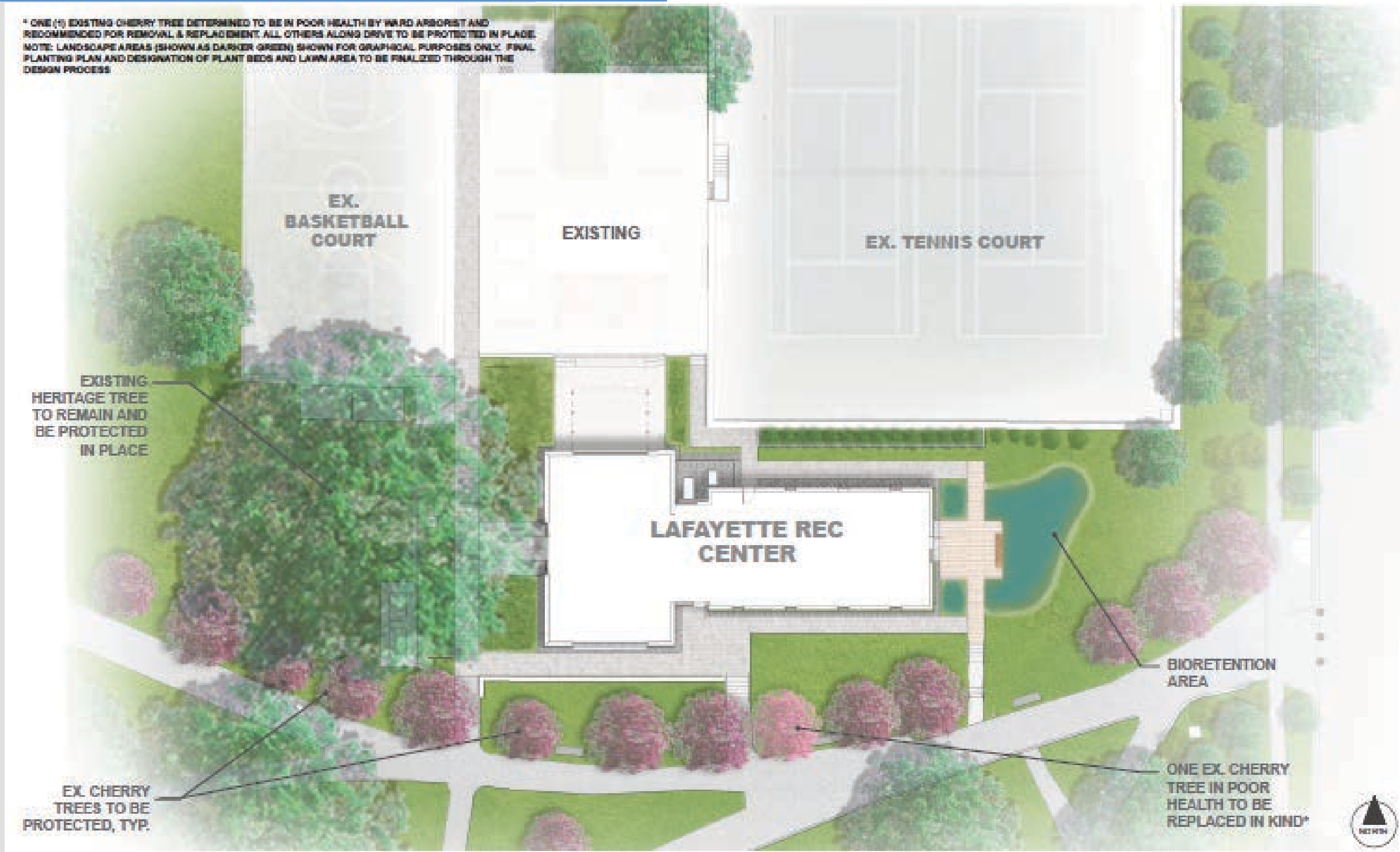
- new, small, innovative facility that fits within context of the community
- holistic park storm-water management improvements
- new lighting in the park (based on lighting task force's recommendations)
- working water fountains within the park and in the Recreation Center
- ADA accessible restrooms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

PROJECT RECAP

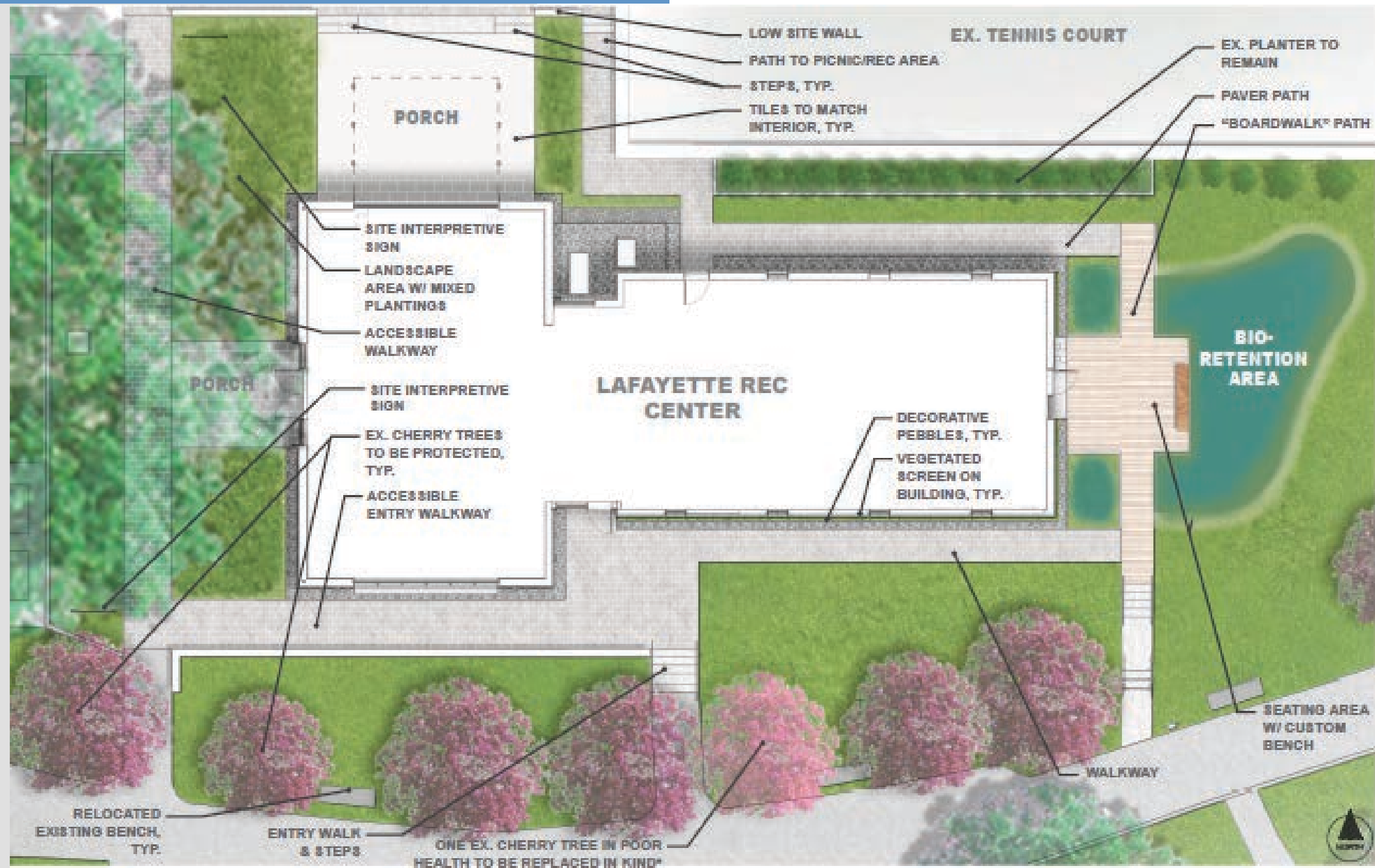
Community Meetings

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

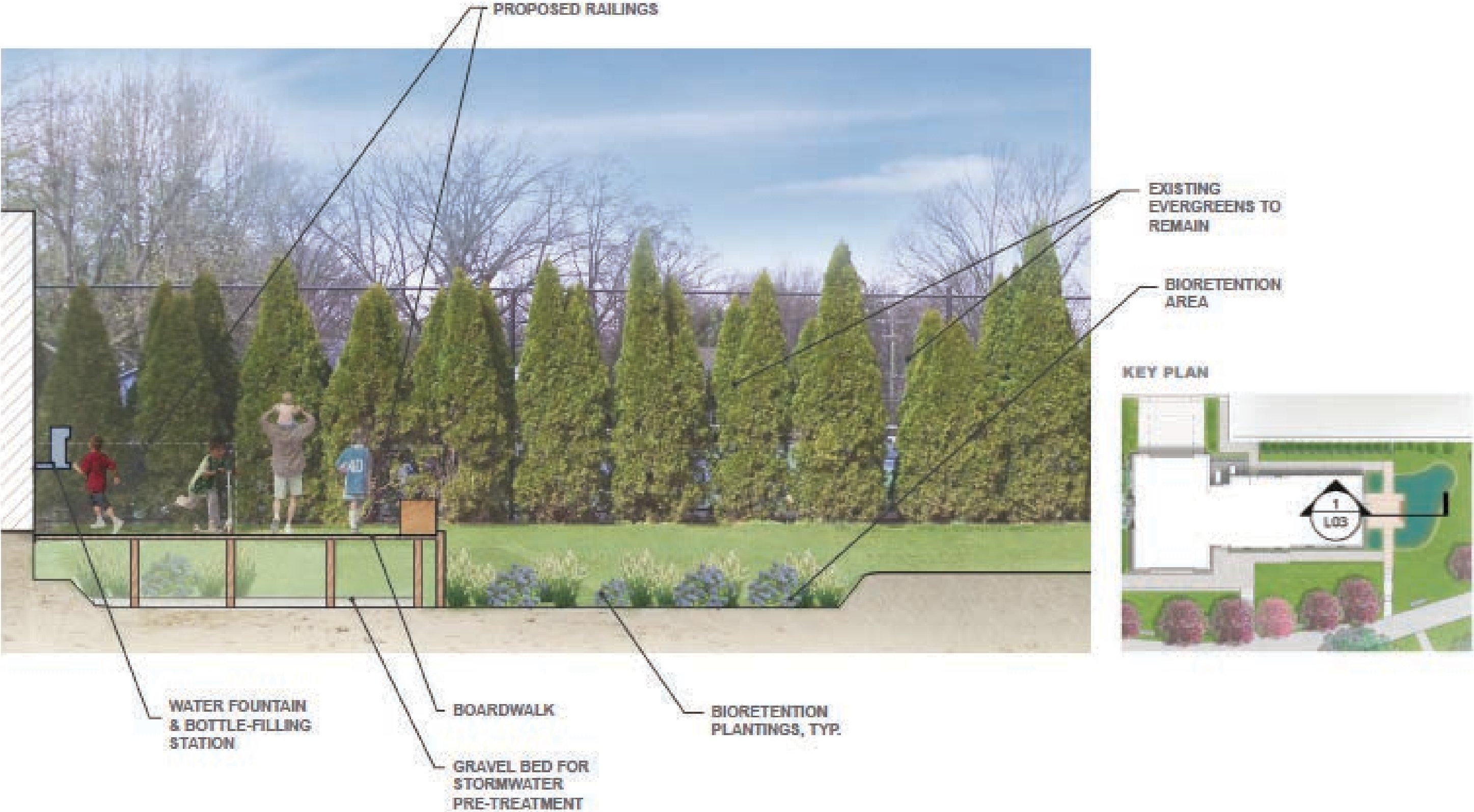
OVERALL SITE DESIGN



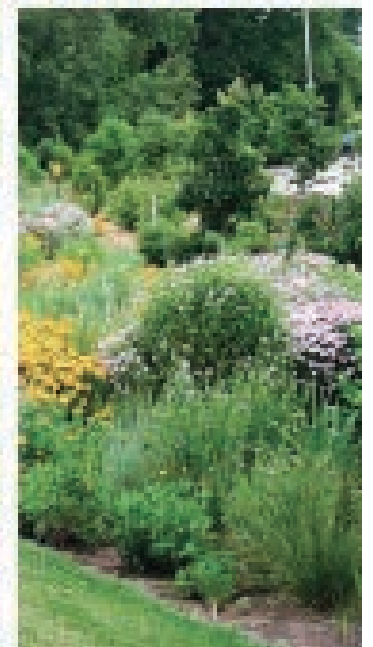
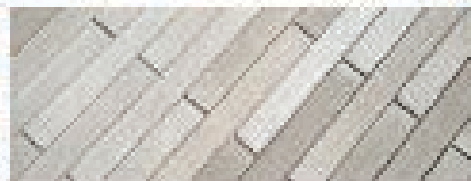
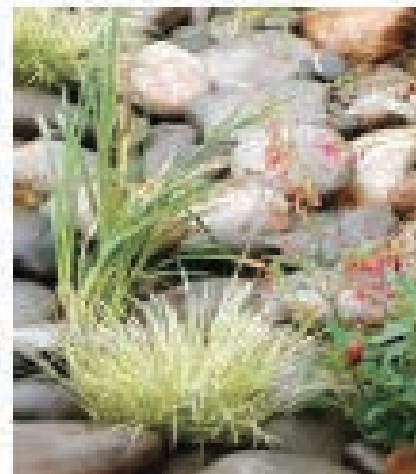
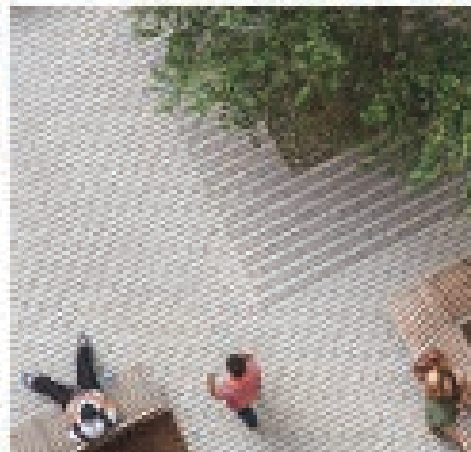
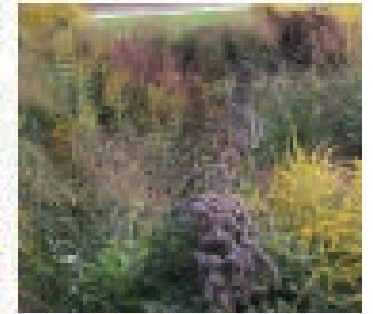
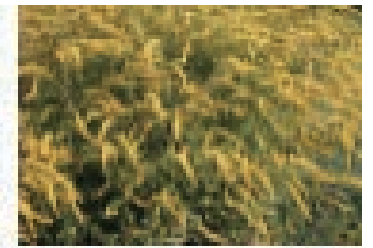
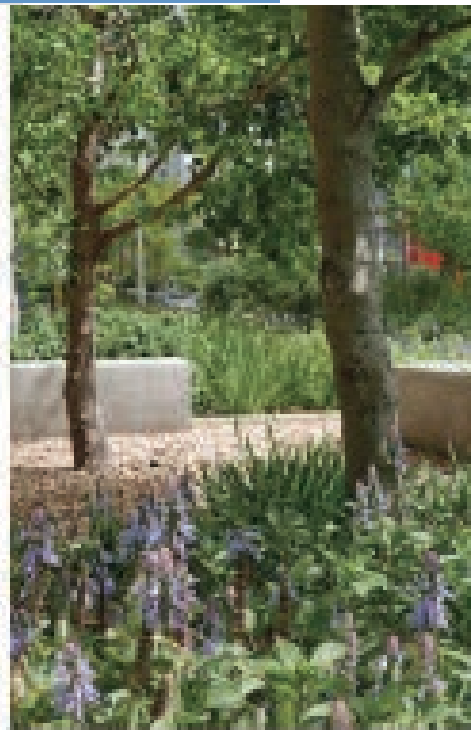
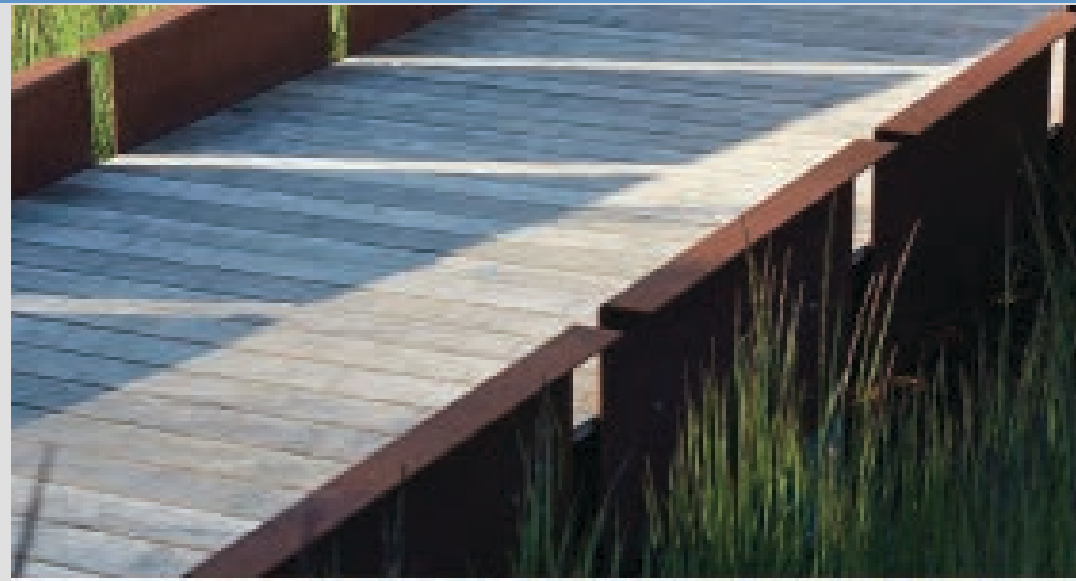
ENLARGED PLAN NEAR BUILDING



BIORETENTION SECTION



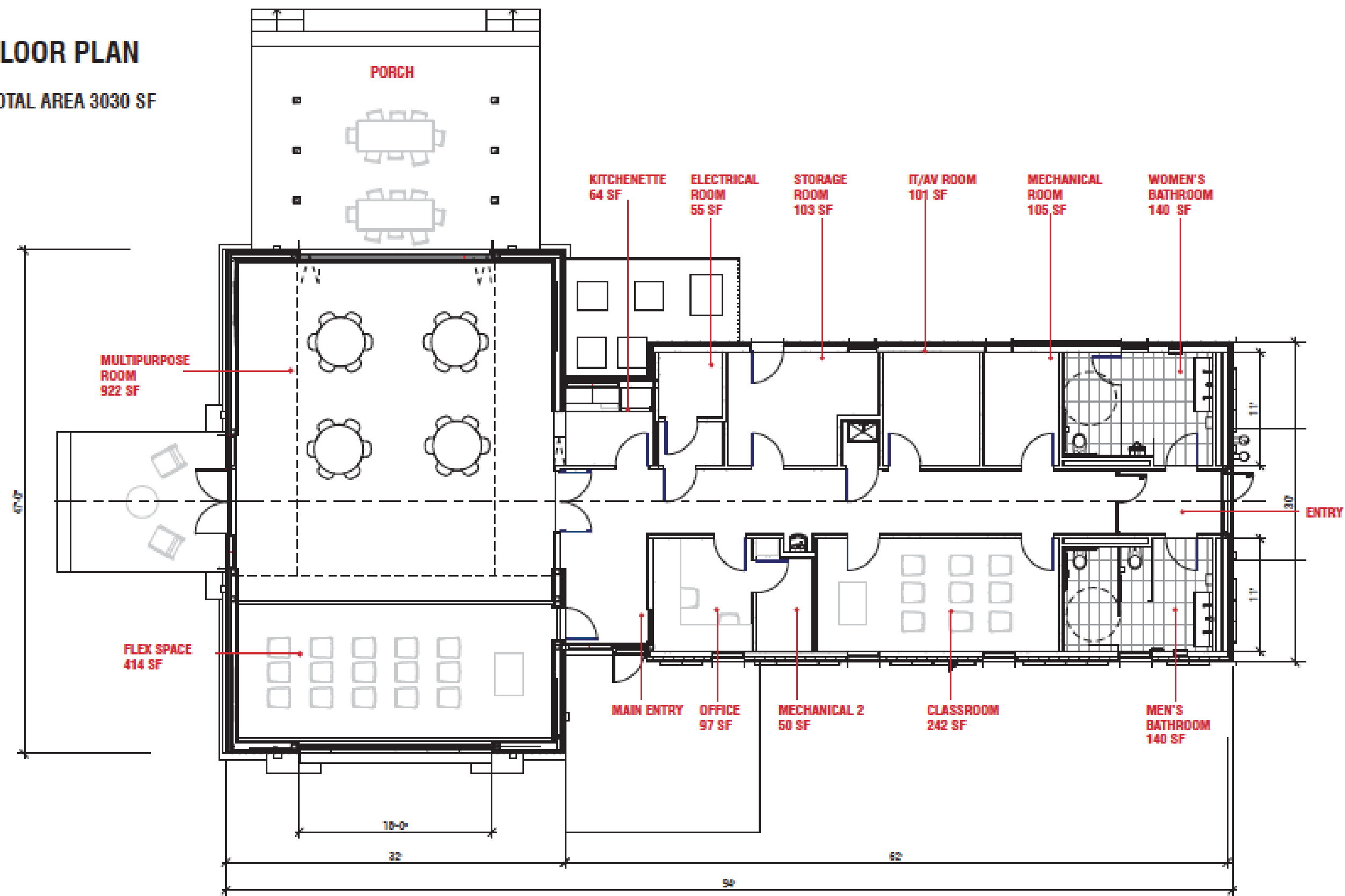
PRECEDENT IMAGERY LANDSCAPE



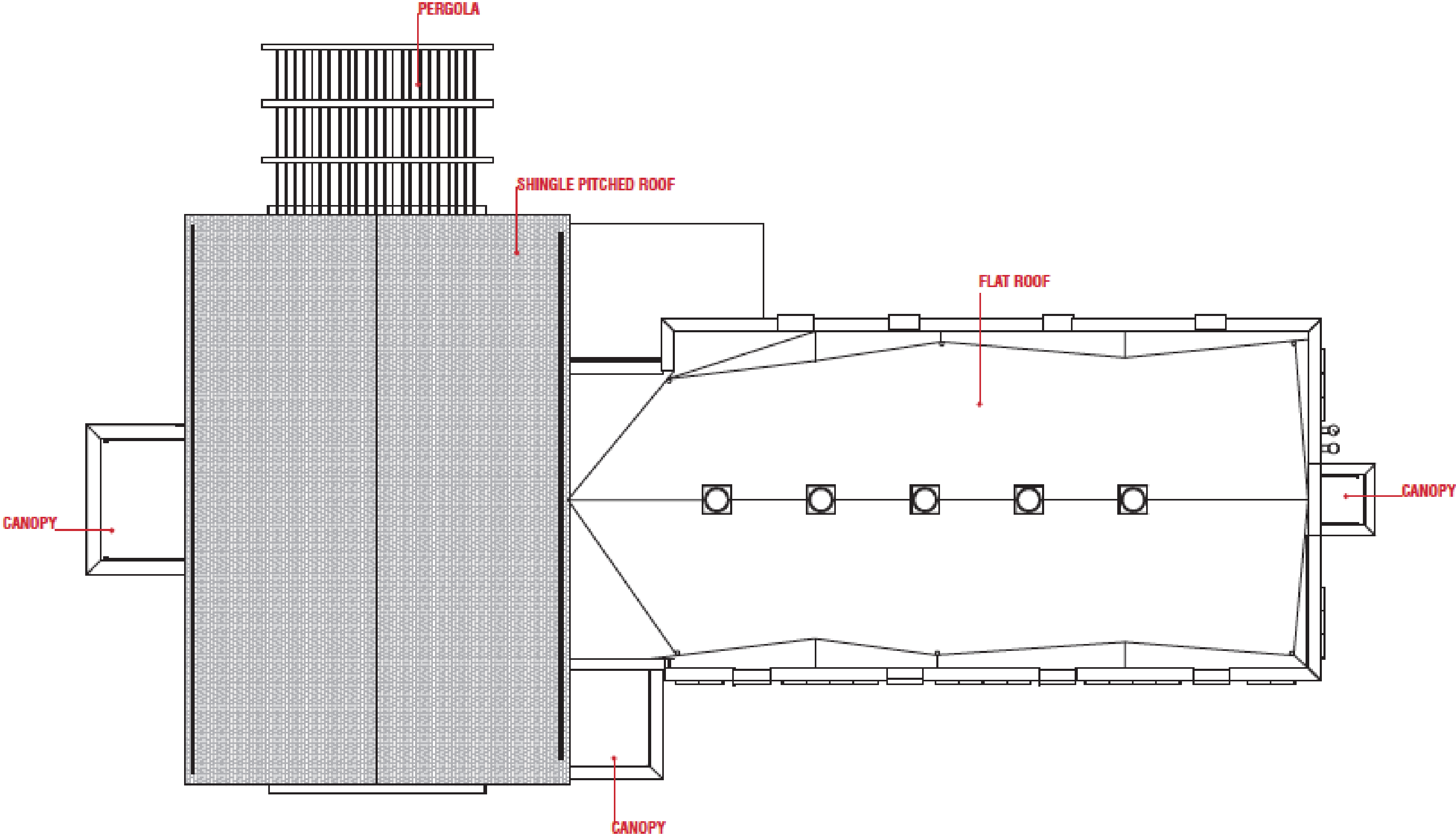
FLOOR PLAN

FLOOR PLAN

TOTAL AREA 3030 SF



ROOF PLAN



SOUTH ELEVATION



NORTH ELEVATION



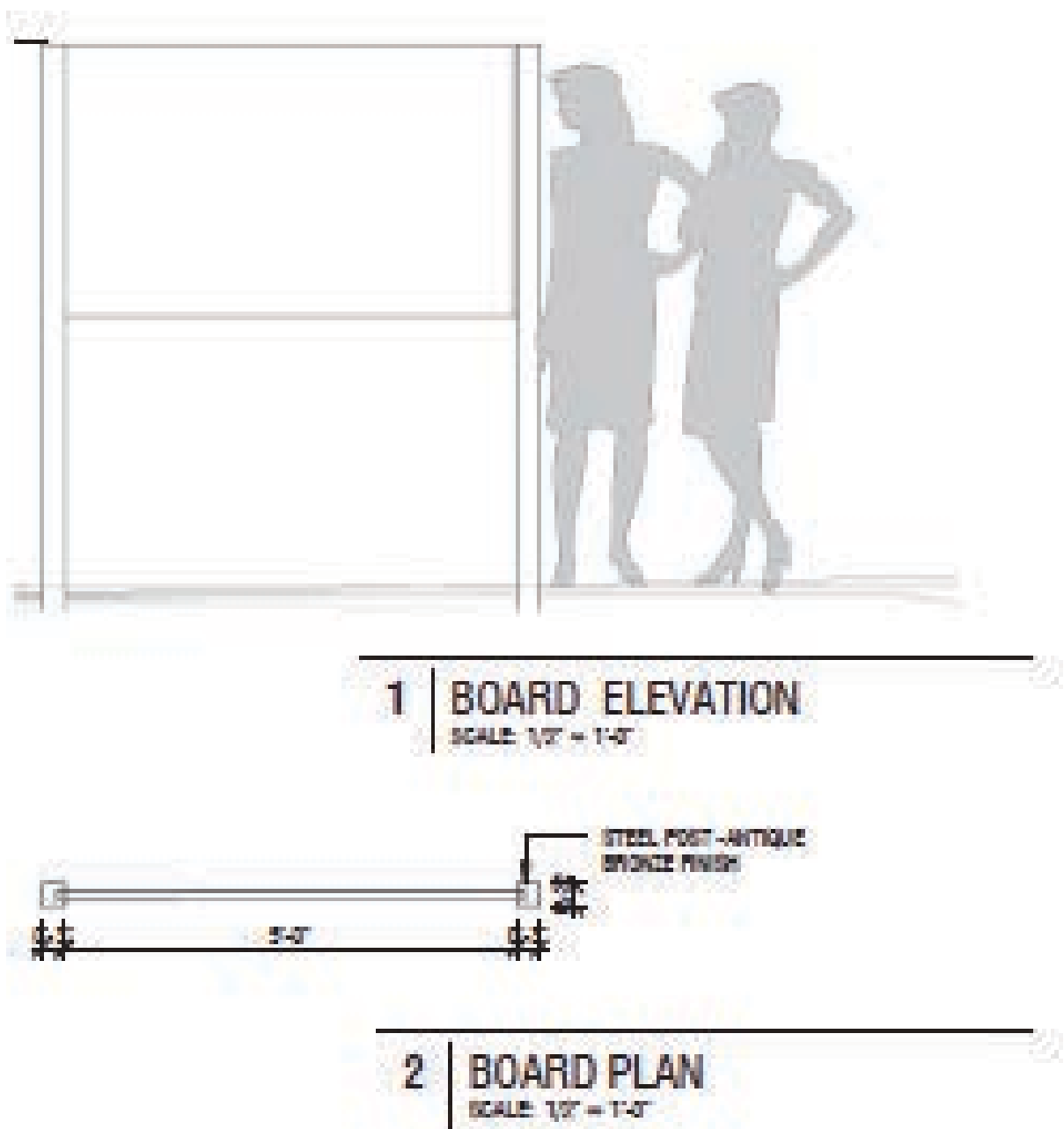
WEST ELEVATION



EAST ELEVATION



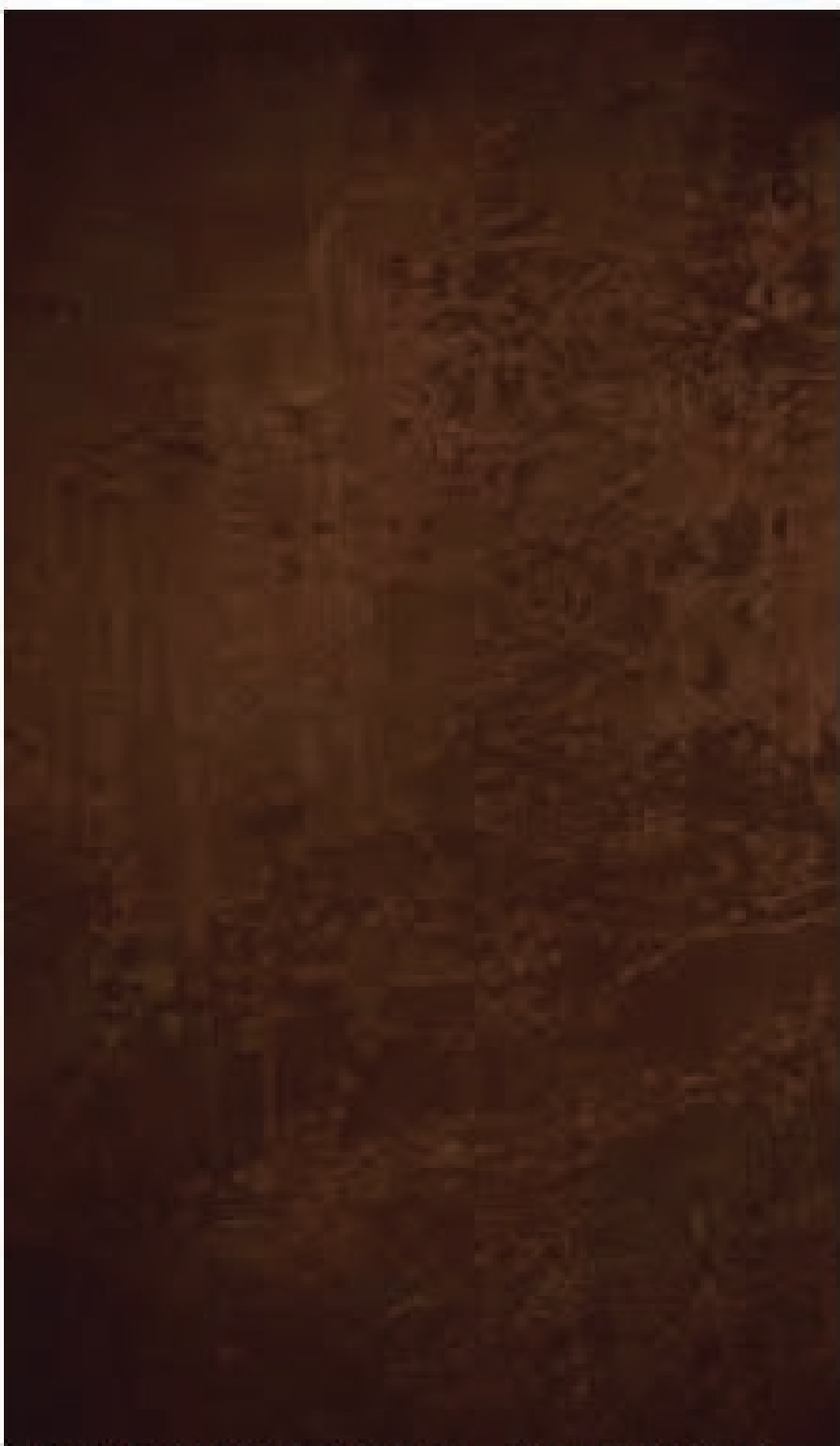
HISTORIC BOARD / SIGNAGE



MATERIALS - EXTERIOR



STONE VENEER



METAL PANELS, DETAIL AT WINDOWS,
EXTERIOR DOORS & CANOPIES



ROOF SHINGLES
LIGHT GREY

MATERIALS - INTERIOR

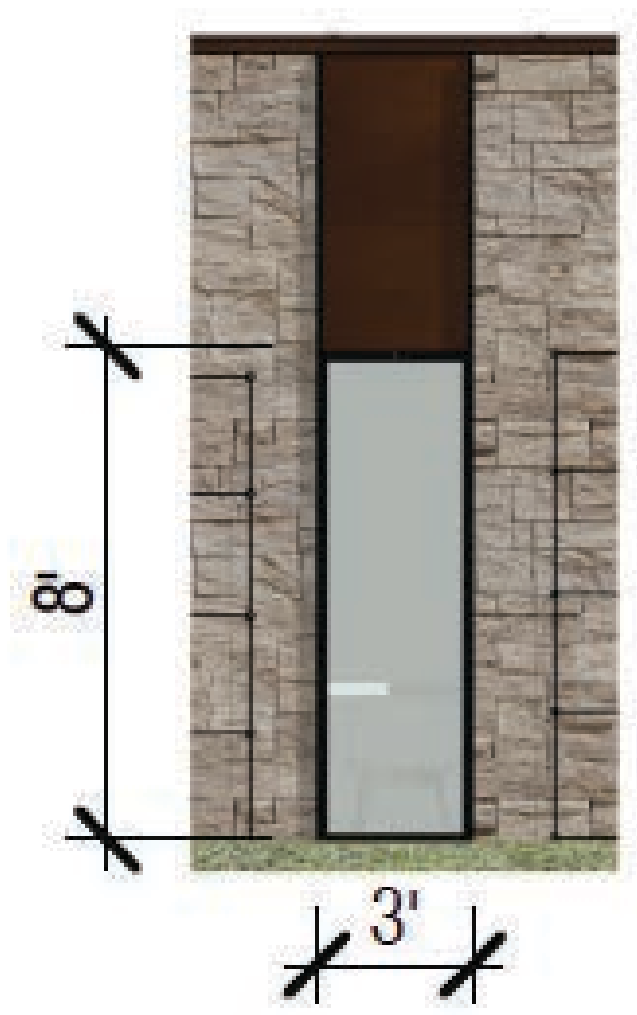


CLIFFSTONE BY LEA CERAMICHE EXTERIOR PORCH AND ALL INTERIORS FLOORS

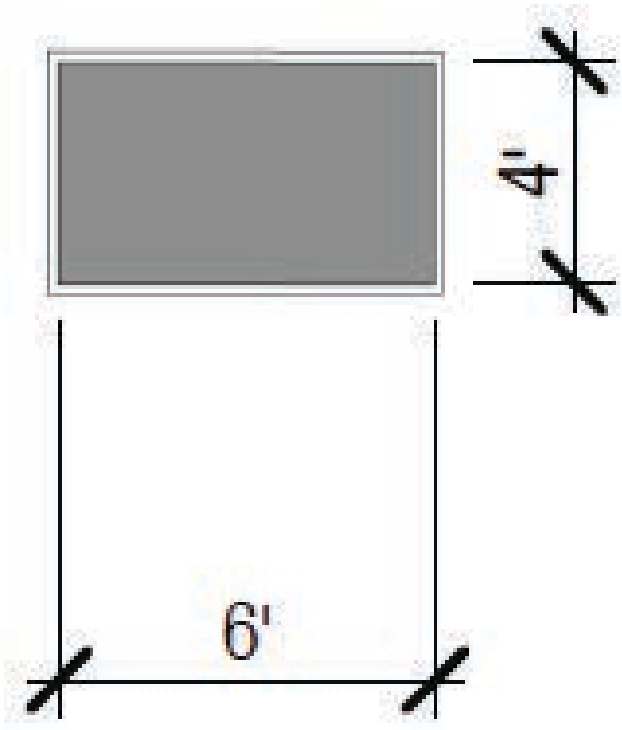


STONE VENEER FINISH- MULTIPURPOSE ROOM

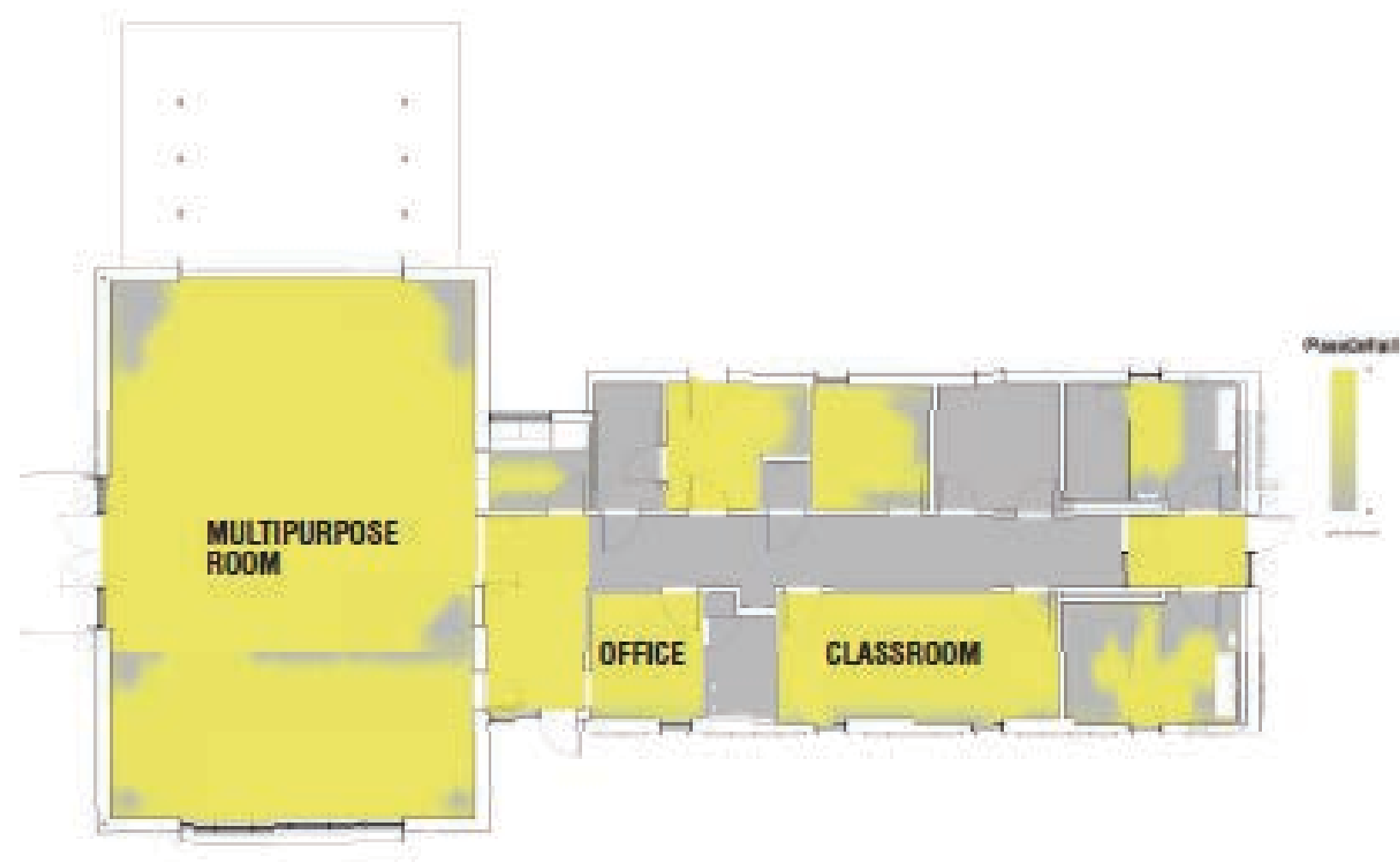
WINDOW / DAYLIGHTING STUDY



24 SF WINDOW PROPOSED,
FLOOR TO CEILING



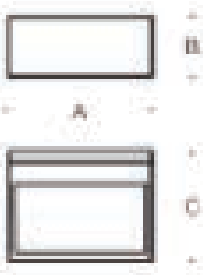
24 SF WINDOW TYPICAL SHAPE



DAYLIGHTING STUDY WITH PROPOSED WINDOWS

BUILDING LIGHT FIXTURES

BEGA LED



LED wall luminaire - asymmetric light distribution

	LED	A	B	C
22 386	17.9W	9 1/8	4 1/8	7 3/8

Kuzco Lighting - Casa LED



Lamping:

Option	Lamp Type	Total Lumens	Total Wattage	Volts	Color Temp
Medium	LED Built-in	1600	23	120	3000 (Soft White)
Large	LED Built-in	2400	32	120	3000 (Soft White)
Small	LED Built-in	800	11	120	3000 (Soft White)

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

RENDERING - NORTH VIEW



Lafayette Recreation Center

BLUE SKYE
CONSTRUCTION **shinberg.levinas**

DGS **BUILD**
DEPARTMENT OF **MAINTAIN**
GENERAL SERVICES **SUSTAIN**

DPR
DC DEPARTMENT OF PARKS AND RECREATION

RENDERING - WEST VIEW



Lafayette Recreation Center

BLUE SKYE
CONSTRUCTION *shinberg.levinas*

DGS **BUILD**
DEPARTMENT OF **MAINTAIN**
GENERAL SERVICES **SUSTAIN**

DPR
DC DEPARTMENT OF PARKS AND RECREATION

RENDERING - INTERIOR MP ROOM



RENDERING - SOUTH VIEW



Lafayette Recreation Center

BLUE SKYE
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DGS **BUILD**
DEPARTMENT OF **MAINTAIN**
GENERAL SERVICES **SUSTAIN**

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STORMWATER MANAGEMENT

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.

STORMWATER MANAGEMENT

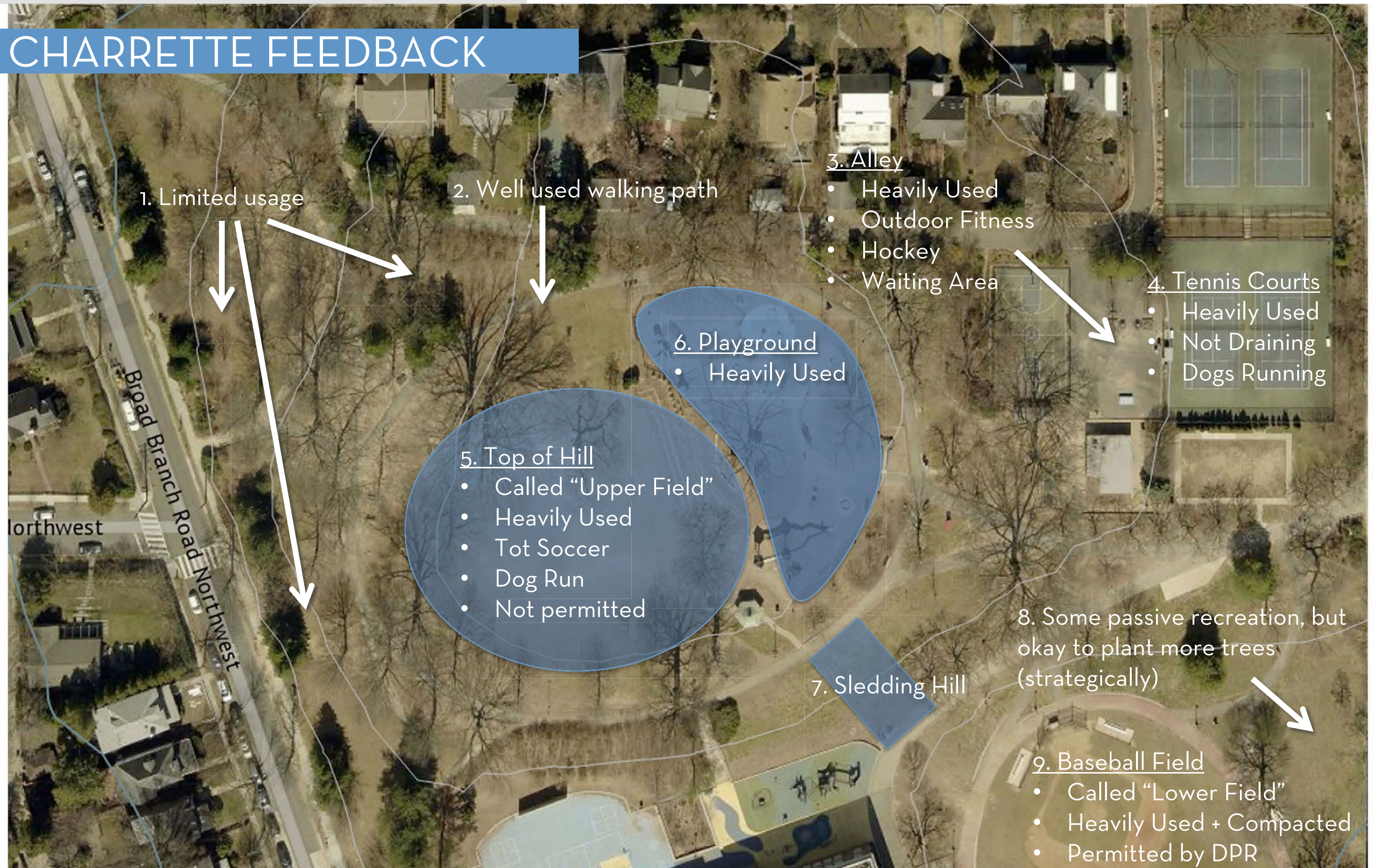
WTOP (103.5 FM) WASHINGTON –

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.

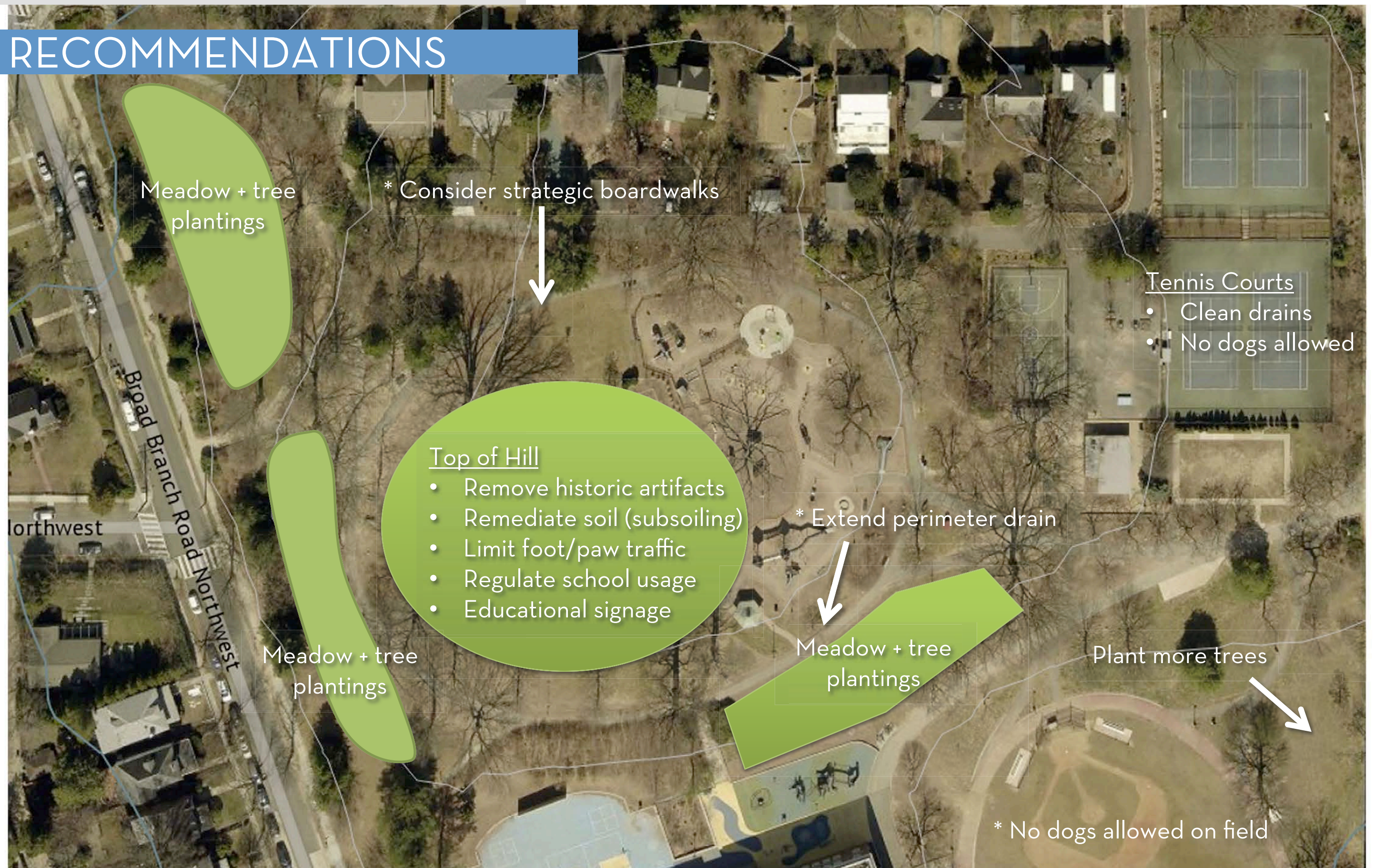
THE WASHINGTON POST–

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.

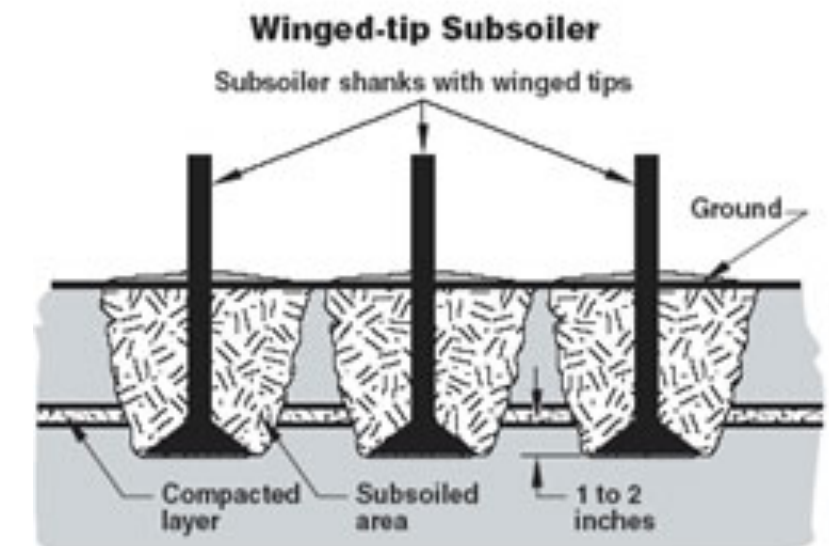
SW CHARRETTE FEEDBACK



SW RECOMMENDATIONS



SOIL REMEDIATION



STRATEGIC MEADOW PLANTINGS



STRATEGIC BOARDWALKS



Lafayette Recreation Center

BLUE SKYE
CONSTRUCTION **shinberg.levinas**

DGS **BUILD**
DEPARTMENT OF **MAINTAIN**
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DC DEPARTMENT OF PARKS AND RECREATION

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**



The rain garden captures and filters stormwater

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



Rain barrel



The Watershed Center's living wall

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.

The Watershed Center demonstrates several improvements *you can do at your own home* to reduce flooding and keep water clean.

SUPPORTED BY


COUNTY OF GREENE


MISSOURI
DEPARTMENT OF
NATURAL RESOURCES


WATERSHED
COMMITTEE
OF THE OZARKS

SWM PLAN



PRECEDENT IMAGES



STORMWATER MGT SEQUENCING

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)

QUESTION & ANSWER



NEXT STEPS

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

Department of General Services

John Stokes, Deputy Director

john.stokes@dc.gov

Department of Parks and Recreation

Brent Sisco, Landscape Architect

brent.sisco@dc.gov

Project Website

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