

Event Pavilion Design

March 15, 2021

Brentwood Bound: Deer Creek Flood Mitigation & Deer Creek Greenway Connector

Proposed Amphitheater & Pond

Proposed Playground & Soccer Field

Site

Proposed Parking & Connection to Brentwood Blvd.

Event Pavilion Concept

Pass-thru + Terrace space creates an arrival experience for the park and convenient / permeable connection between parking and Event Lawn

Terrace at NE corner with strong connection to the Event Lawn. Also provides for better views to the North and East as well as minimizes the view to the south.

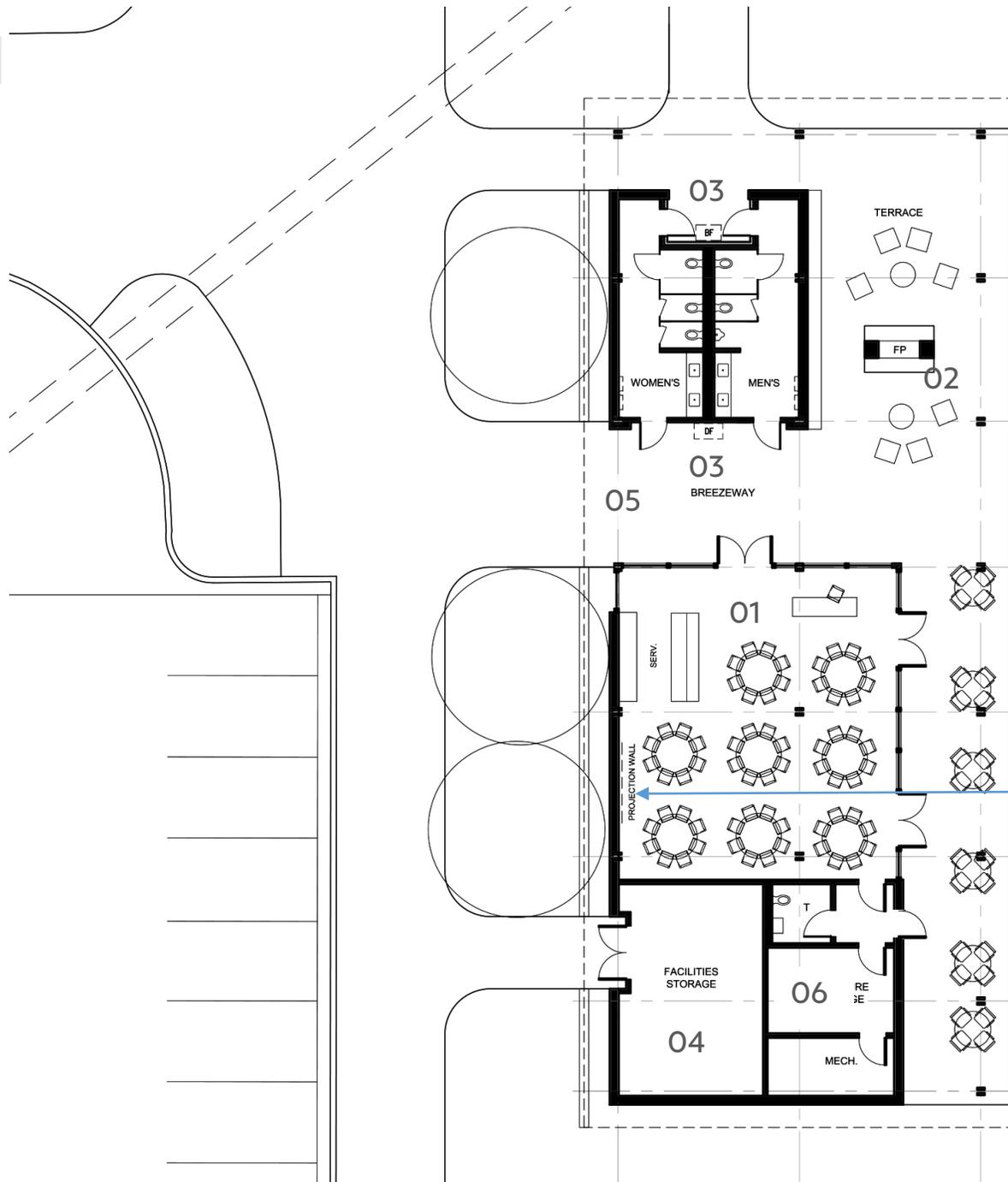
Ball field and playground locations with line of sight to restrooms

Building footprint avoids MSD easement



Event Pavilion Plan

- 01) Multi-Purpose Event / Classroom Space
- 02) Terrace and 2-sided fireplace
- 03) Restroom Entry / Drinking Fountain
- 04) Facilities Storage (300 sf)
- 05) Protected Breeze-way entry
- 06) Furniture Storage (150 sf)



1,100sf multi-purpose space can support 40 person classroom config and 80 person event (seated inside)

Projection / Teaching Wall

Event Pavilion Arrival



Pass-thru creates protected space at the entry to event space and also a portal / gateway experience connecting to the park / Event Lawn beyond

Event / Classroom Space



1,100sf multi-purpose space can support a 40 person classroom configuration or an 80 person event (shown here with 8 person round tables)

Event / Classroom Space



Opacity at west wall (facing parking lot) allows for Projection / Teaching Wall

Event / Classroom Space



Serving Area with connection to terrace beyond

Terrace



Strong connection to NE views / temporary stage location

East Facing Façade

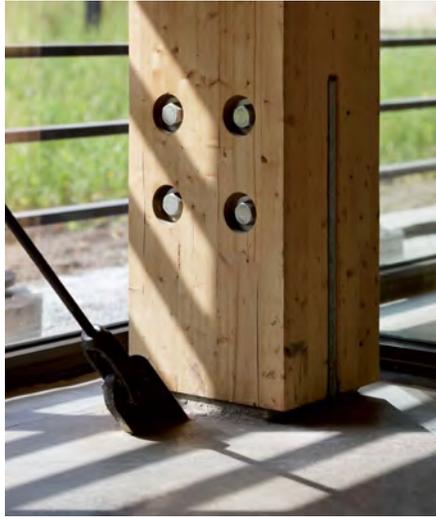


Natural / Regional Materials

Architectural Materials



Dimensional Douglas Fir Lumber ^



Embedded Gusset ^



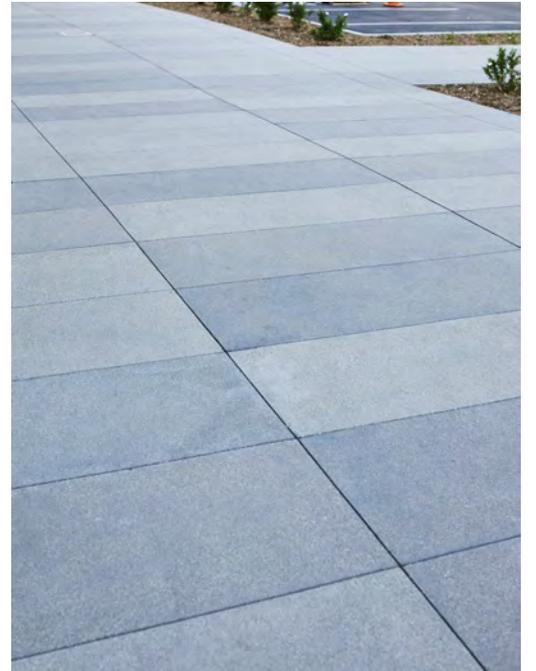
Sealed concrete ^



Aluminum Standing Seam Roof ^



Alum Clad Wood Windows ^



Decorative Concrete ^

- Natural / Regional Materials
- High Efficiency Mechanical Systems
- High Performance (R value) Enclosure
- Operable Windows / Natural Ventilation
- Stormwater Management - Rain Garden
- Photo Voltaic Array (option)
- Geothermal Heating (option)

Terrace & Restrooms



Terrace w/ NE orientation

Restrooms w/ Line of Sight to Soccer Field and Playground

North Facing Façade



Transitional space at the North side / restroom and terrace entry

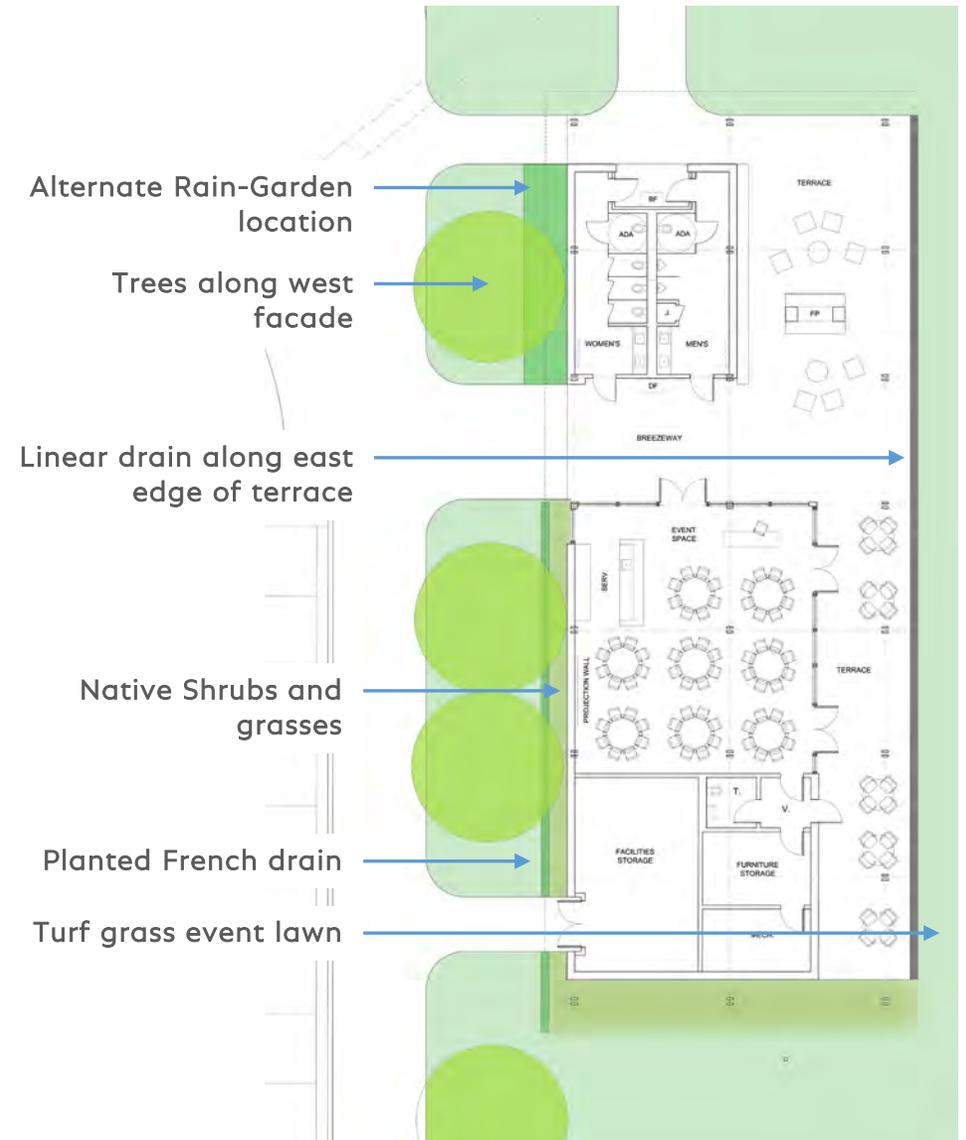
Landscape Elements



Linear Drain ^



Rain Garden ^



Alternate Rain-Garden location

Trees along west facade

Linear drain along east edge of terrace

Native Shrubs and grasses

Planted French drain

Turf grass event lawn

Currently under budget by approx. \$30,000

- Schematic Design Cost Estimate \$2,119,794
- Budget \$2,150,000

Currently considering some sustainable design alternates that can be added to the project to reduce energy consumption:

- **Roof Mounted Solar Panels (add \$68,066)**
 - 25 year warranty includes electrical production and product
 - Pay-back around 10 years (currently working with mechanical engineers to confirm)
- **Geothermal Heating (add \$126,834)**
 - Expected life of system 25-50 years
 - Long pay-back anticipated of 30 years (currently working with mechanical engineers to confirm)

Note that the cost estimate is schematic level (design is about 70% incomplete) and more detailed information will be available during the subsequent design phases

Discussion

