PUBLIC SAFETY TRAINING CENTER

Community Stakeholder Advisory Committee
April 25, 2023
AGENDA

I. Welcome/Call to Order

II. Roll Call

III. Governance
   • Adopt Agenda
   • Approval of Minutes
   • Motion – Meeting Frequency

IV. Infrastructure
   • Sidewalk/trail – Variance
   • Key Rd/Fayetteville Rd. intersection

V. Construction Update

VI. Development Team Update
   • Best Management Practices
   • Sustainability

VII. Lighting/dark sky

VIII. General Discussion

IX. Adjournment
INFRASTRUCTURE

• Sidewalk/trail – Variance
SPECIMEN TREES

SPECIMEN TREE #6 REMOVED

SPECIMEN TREE #9 REMOVED

SPECIMEN TREE #11 REMOVED

SPECIMEN TREE #12 REMOVED

SPECIMEN TREE #10 IMPACTED
MULTI-USE TRAIL IMAGES

CHALLENGING EXISTING SLOPES CAUSE EXCESSIVE GRADING INTO EXISTING TREE AREA
• Key Rd/Fayetteville Rd. Intersection
CONSTRUCTION UPDATE

All dates are for planning purposes and subject to change.
DEVELOPMENT UPDATE - BMP

Activities

• Silt Fence
• Tree Save Fencing
• Construction Entrances
• Daily Inspection
LEED CREDIT CATEGORIES

- INTEGRATIVE PROCESS
- LOCATION AND TRANSPORTATION
- SUSTAINABLE SITES
- WATER EFFICIENCY
- ENERGY & ATMOSPHERE
- MATERIALS & RESOURCES
- INDOOR ENVIRONMENTAL QUALITY
- INNOVATION
- REGIONAL PRIORITY
~$18,920 /year in operational savings if the building is optimized

Most impacted by:
- Orientation
- Roof construction
- HVAC efficiency
LEADERSHIP INSTITUTE - Daylighting
ACADEMIC BUILDING – Energy Intensity and Utility Cost Optimization

~$42,638/year in operational savings if the building is optimized

Most impacted by:
- HVAC efficiency
- Roof construction
- Plug loads
The project team assessed site conditions before design to evaluate sustainable options and inform decisions about site design.

They then completed and documented a site survey including:

- Topography
- Hydrology
- Climate
- Vegetation
- Soils
- Human Use
- Human Health Effects
The project will help increase night sky access, improve nighttime visibility, and reduce impact on wildlife by specifying site lighting that has proper mounting heights, installation location and orientation, as well as complies with backlight, uplight and glare (BUG) ratings that are recommended based on the specific lighting zone designation of the site.
• The team has studied photometric plans for the site lighting in order to maximize site lighting reduction within the LEED project boundary and outside of this area.
** Intent:** Reduce outdoor water consumption.

- The landscaping for the project has been designed with native species which do not require permanent irrigation, beyond the two year temporary establishment period.
**Intent:** To reduce the environmental and economic harms associated with fossil fuel energy by increasing self-supply of renewable energy.

The two buildings will include on-site renewable energy systems, consisting of rooftop solar panels, to offset the greenhouse gas emissions from 28% of the building’s annual energy use.
The project will help reduce pollution by promoting alternatives to conventionally fueled vehicles by installing day one, EV charging equipment as well as additional electric vehicle infrastructure for future implementation of EV charging stations, throughout the campus.
MR C9: CONSTRUCTION AND DEMOLITION WASTE MANAGEMENT

In order to reduce construction and demolition waste disposed in landfills, the project team aims to recycle and/or salvage at least 50% of the non-hazardous construction and demolition materials that come from the project during construction.
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