



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**

- Sidewalk/trail – Variance

SPECIMEN TREES



MULTI-USE TRAIL IMAGES



MULTI-USE TRAIL IMAGES



SP #9 SP #11

SP #10 SP #12



CHALLENGING EXISTING SLOPES
CAUSE EXCESSIVE GRADING INTO
EXISTING TREE AREA

INFRASTRUCTURE

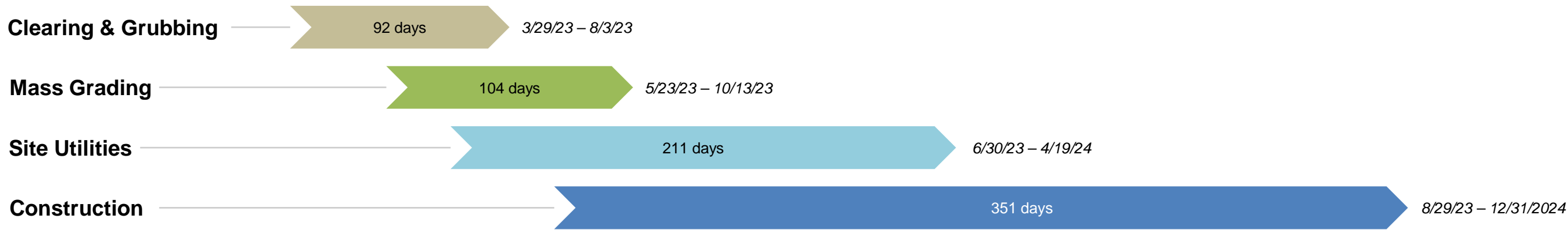
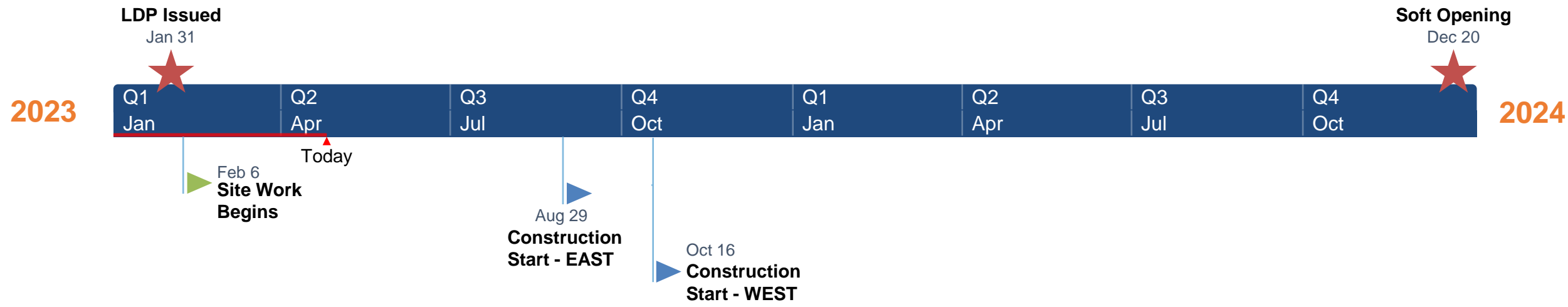
- Key Rd/Fayetteville Rd. Intersection





KEY ROAD/FAYETTEVILLE ROAD INTERSECTION

CONSTRUCTION UPDATE

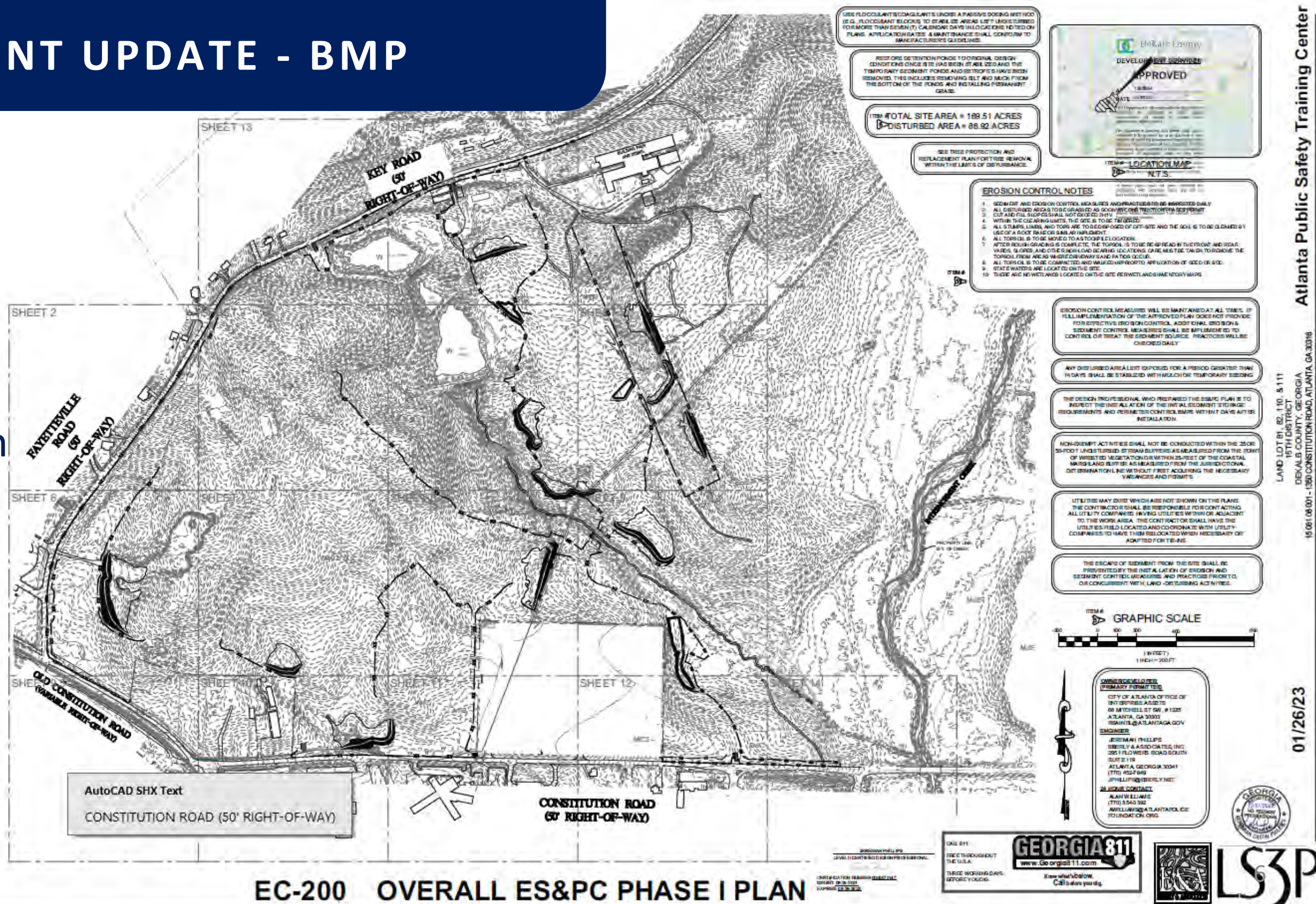


All dates are for planning purposes and subject to change

DEVELOPMENT UPDATE - BMP

Activities

- Silt Fence
- Tree Save Fencing
- Construction Entrances
- Daily Inspection



SEE FLOCCULANT'S COAGULANTS UNDER A PAVING DOING SET WORK (E.G. FLOCCULANT BLOCKS TO STABILIZE AREAS LEFT UNDISTURBED FOR MORE THAN SEVEN (7) CALENDAR DAYS UNLESS OTHERWISE NOTED ON PLANS. APPLICATIONS FOR TREE & SWAMP DISTURBANCE SHALL CONFORM TO MANUFACTURER'S GUIDELINES.

RESTORE DETENTION PONDS TO ORIGINAL DESIGN CONDITIONS ONCE IT HAS BEEN STABILIZED AND THE TEMPORARY SEDIMENT PONDS AND STRUCTURES HAVE BEEN REMOVED. THIS INCLUDES REMOVING SILT AND MUCK FROM THE BOTTOM OF THE PONDS, AND INSTALLING PERMANENT GRADE.

ITEM # TOTAL SITE AREA = 189.51 ACRES
DISTURBED AREA = 86.92 ACRES

SEE TREE PROTECTION AND REPLACEMENT PLAN FOR TREE REMOVAL WITHIN THE LIMITS OF DISTURBANCE.



EROSION CONTROL NOTES

1. SEDIMENT AND EROSION CONTROL MEASURES AND PRACTICES TO BE INSTALLED DAILY.
2. ALL DISTURBED AREAS TO BE GRASSED AS SOON AS ONE TREATMENT POND PERMIT.
3. CUT AND FILL SLOPES SHALL NOT EXCEED 2:1.
4. WITHIN THE CLEARING LIMITS, THE SITE IS TO BE TAILED.
5. ALL STUMPS, LIMBS, AND TOPS ARE TO BE DISPOSED OF OFF-SITE AND THE SOIL IS TO BE CLEANED BY USE OF A ROOT PINE OR SIMILAR IMPLEMENT.
6. ALL TOPSOIL IS TO BE MOVED TO A STOCKPILE LOCATION.
7. AFTER ROUGH GRADING IS COMPLETE, THE TOPSOIL IS TO BE REAPPLIED TO THE FRONT AND REAR VERTICES, SLOPES, AND OTHER HIGH LOAD BEARING LOCATIONS. CARE MUST BE TAKEN TO REMOVE THE TOPSOIL FROM AREAS WHERE DRUMMERS AND PA TROLLERS ARE TO BE APPLIED.
8. ALL TOPSOIL IS TO BE COMPACTED, AND WALK BEHIND PLOWS APPLICATION OF SEED OR SOD.
9. STATE WATERS ARE LOCATED ON THE SITE.
10. THERE ARE NO WETLANDS LOCATED ON THE SITE AS SWAMPLANDS OR NEAR BYWAYS.

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL. ADDITIONAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. PRACTICES WILL BE CHECKED DAILY.

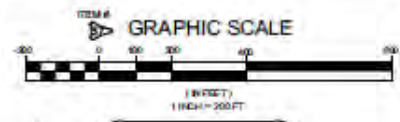
ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

THE DESIGN PROFESSIONAL WHO PREPARED THIS EROSION CONTROL PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL EROSION CONTROL MEASURES AND PERMITS CONTROL MEASURES WITHIN DAYS AFTER INSTALLATION.

NON-DESERT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STRIP BUFFER AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25 FEET OF THE COASTAL MANGROVE BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY PERMITS.

UTILITIES MAY EXIST WHICH ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES SERVING UTILITIES WITHIN OR ADJACENT TO THE WORK AREA. THE CONTRACTOR SHALL HAVE THE UTILITIES FIELD LOCATED AND COORDINATE WITH UTILITY COMPANIES TO HAVE THEM RELOCATED WHEN NECESSARY OR ADAPTED FOR THE USE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.



CONTRACTOR'S CONTACT INFORMATION

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THE ATLANTA POLICE FOUNDATION PUBLIC SAFETY TRAINING CENTER



LEED CREDIT CATEGORIES



INTEGRATIVE
PROCESS



WATER
EFFICIENCY



INDOOR
ENVIRONMENTAL
QUALITY



LOCATION AND
TRANSPORTATION



ENERGY &
ATMOSPHERE



INNOVATION



SUSTAINABLE
SITES



MATERIALS &
RESOURCES



REGIONAL
PRIORITY

LEADERSHIP INSTITUTE – Energy Intensity and Utility Cost Optimization



~\$18,920 /year in operational savings if the building is optimized

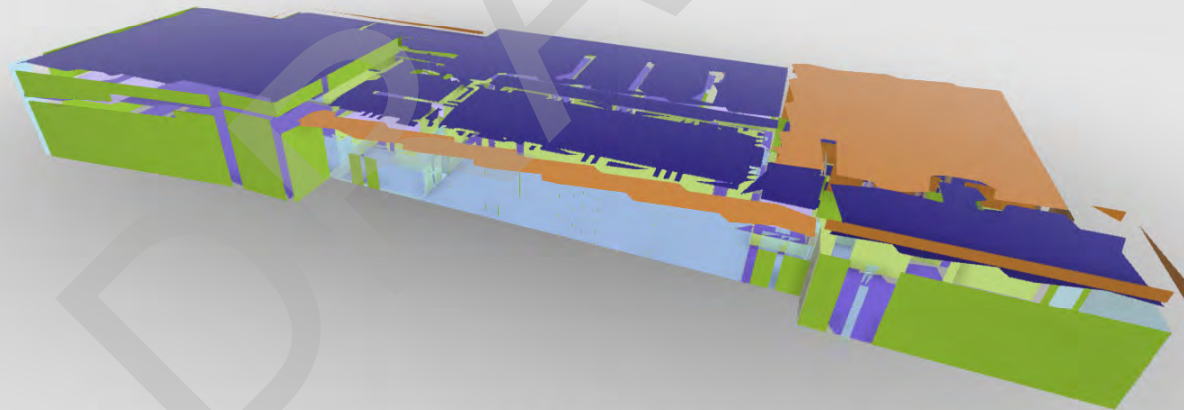


Building Form

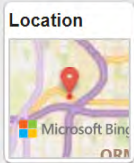


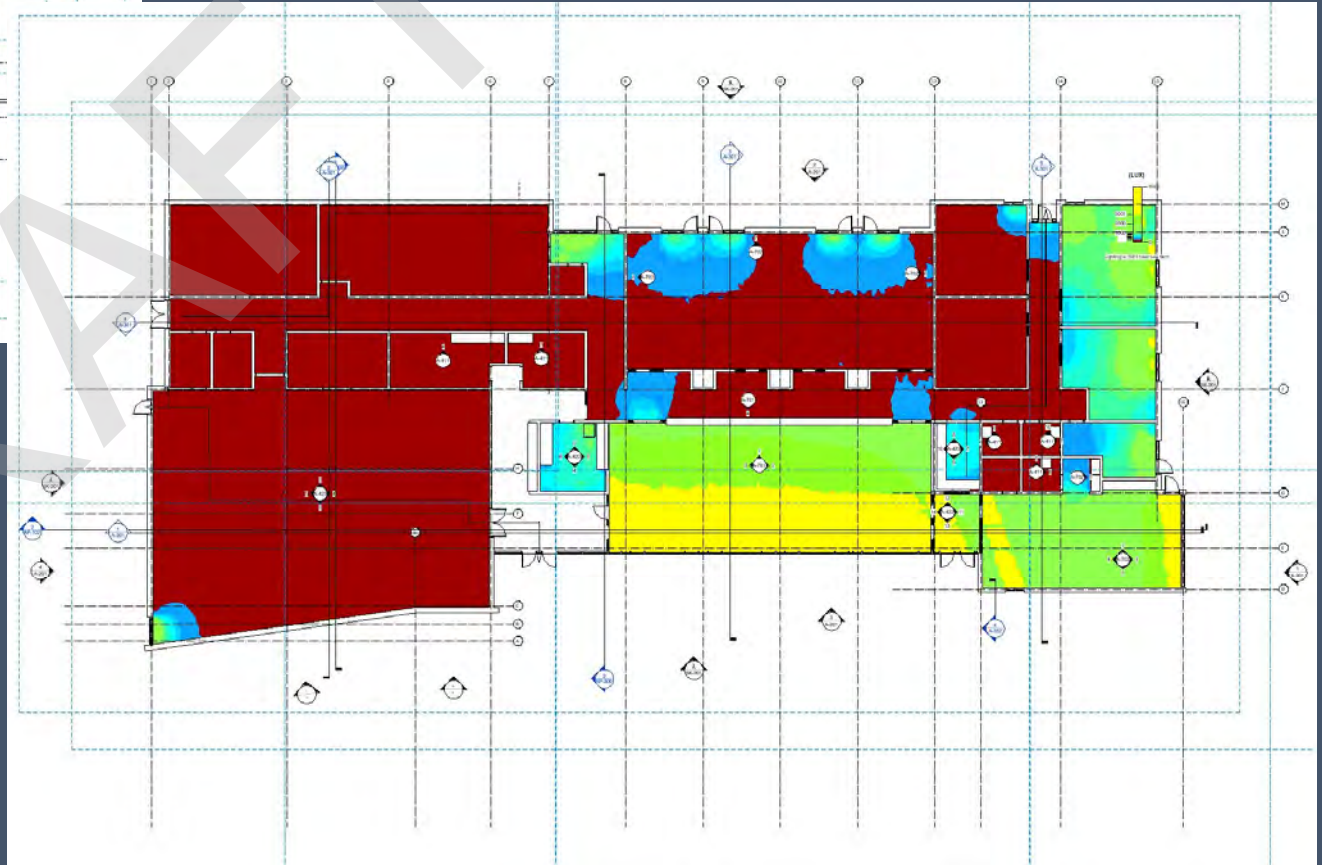
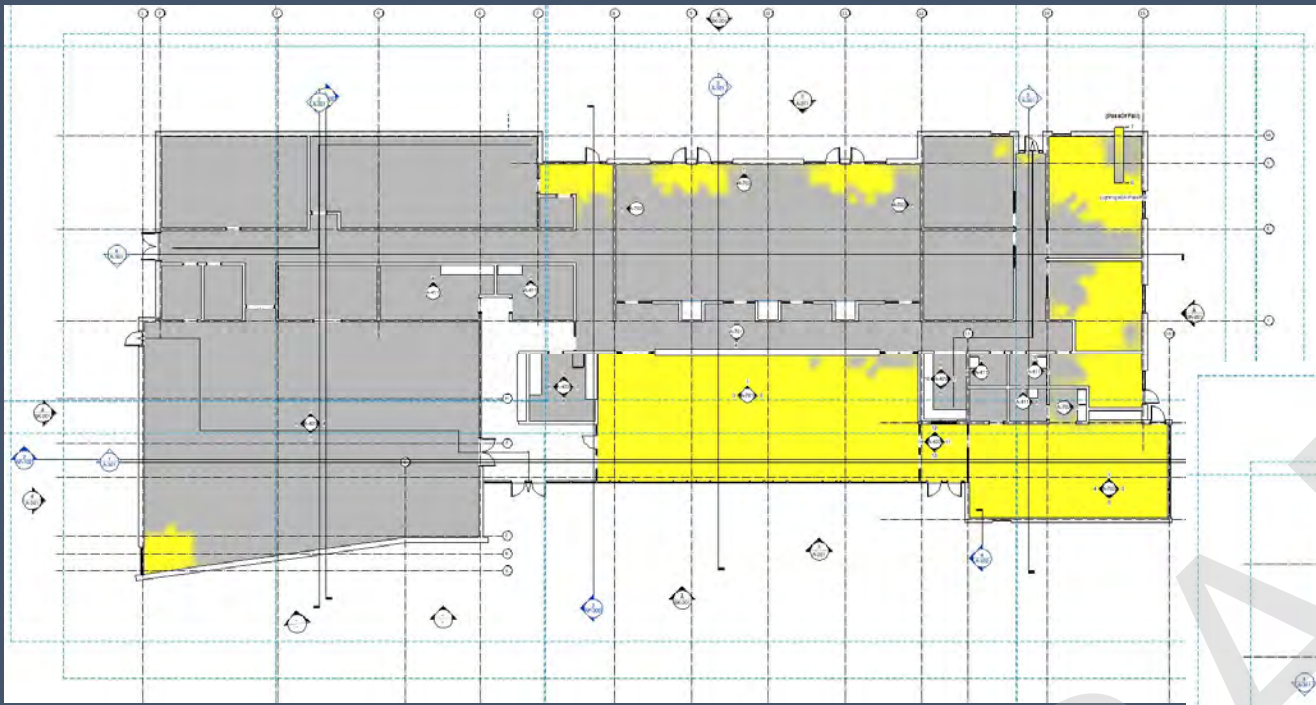
Design case

-61% Optimization

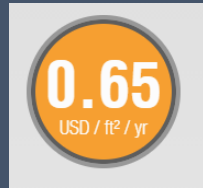


- Most impacted by:
- Orientation
 - Roof construction
 - HVAC efficiency





ACADEMIC BUILDING – Energy Intensity and Utility Cost Optimization

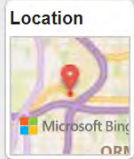
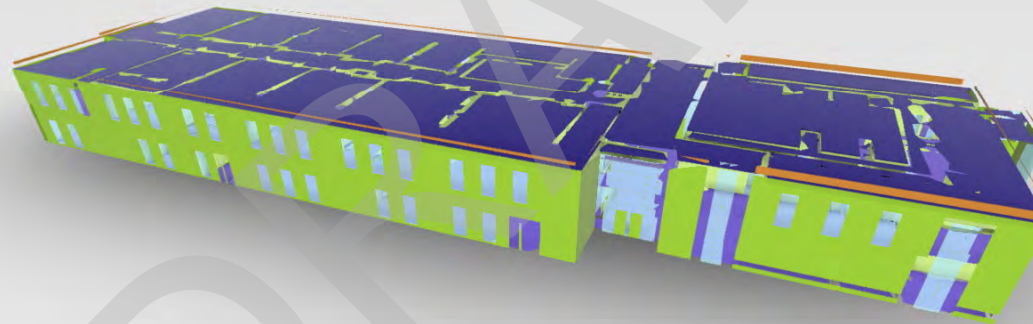


~\$42,638 /year in operational savings if the building is optimized

Building Form



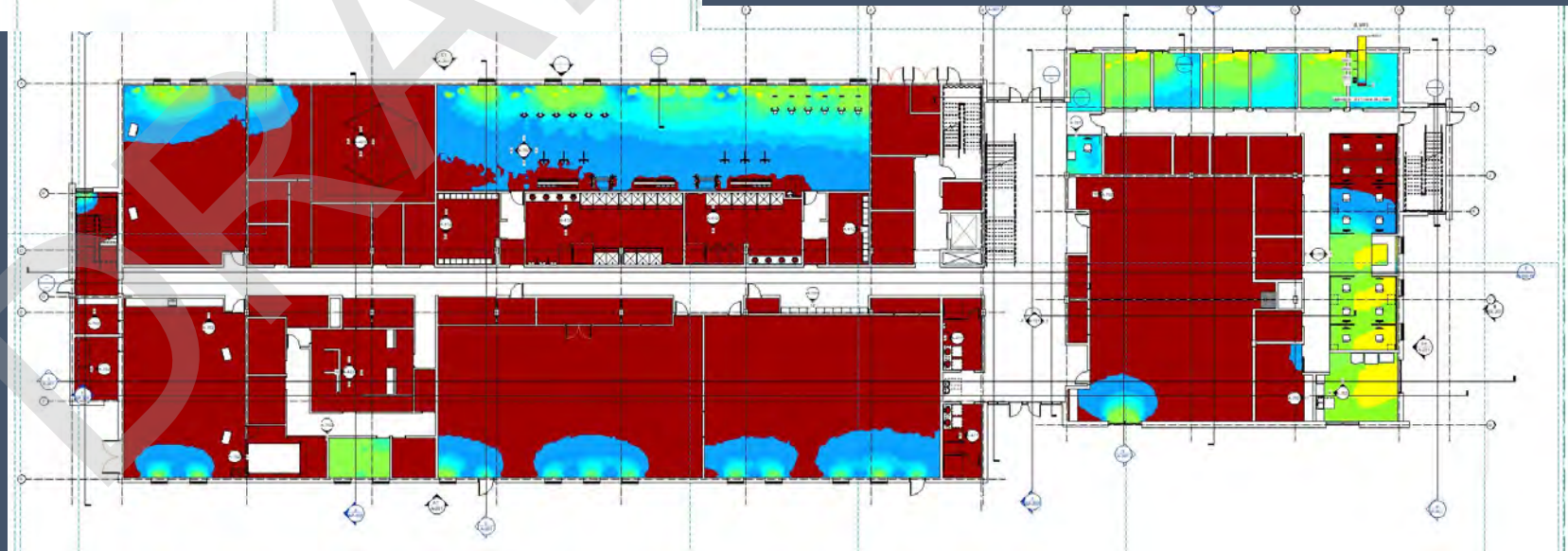
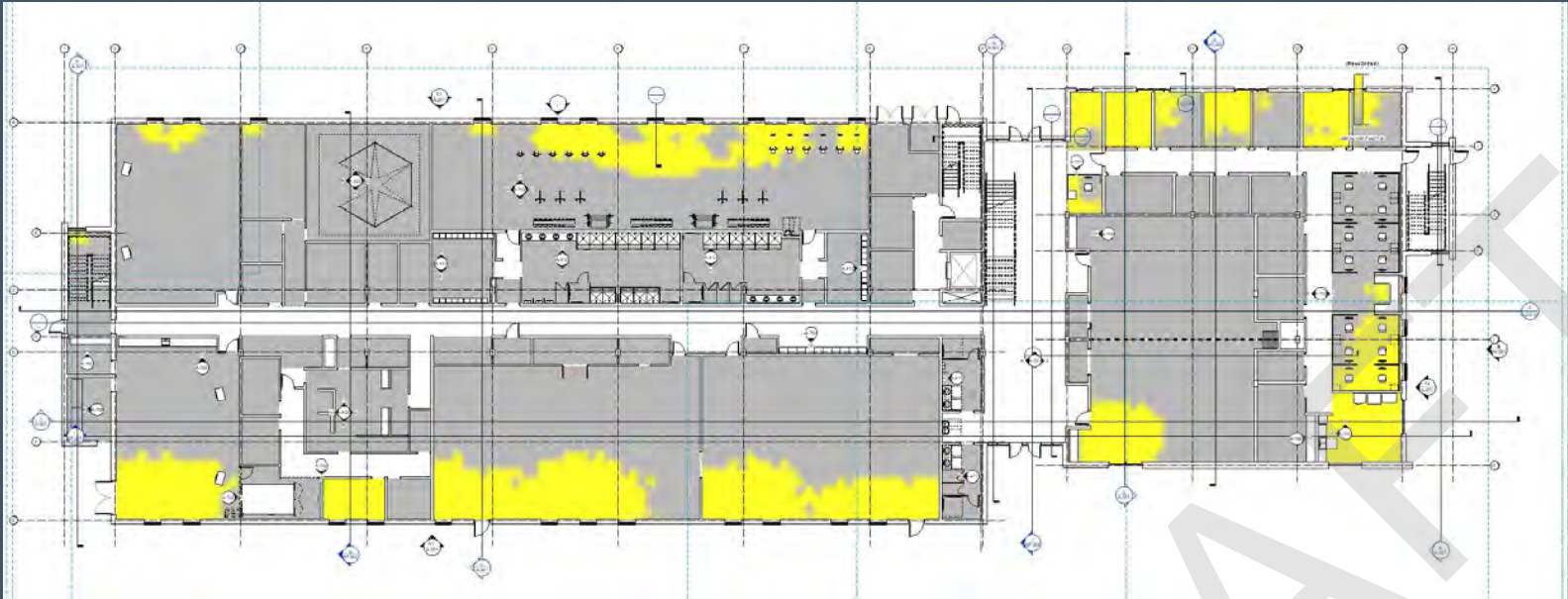
Design case Optimization
-44%



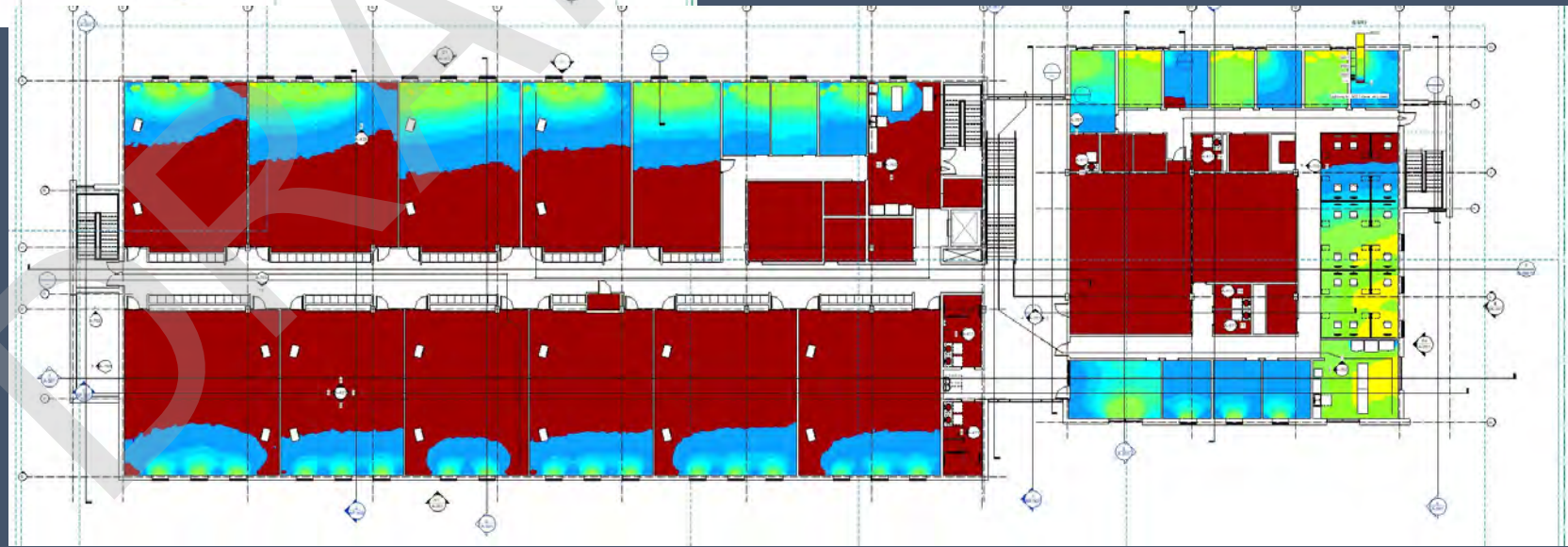
Benchmark Comparison kBtu / ft² / yr



- Most impacted by:
- HVAC efficiency
 - Roof construction
 - Plug loads



ACADEMIC BUILDING – Daylighting – Level I

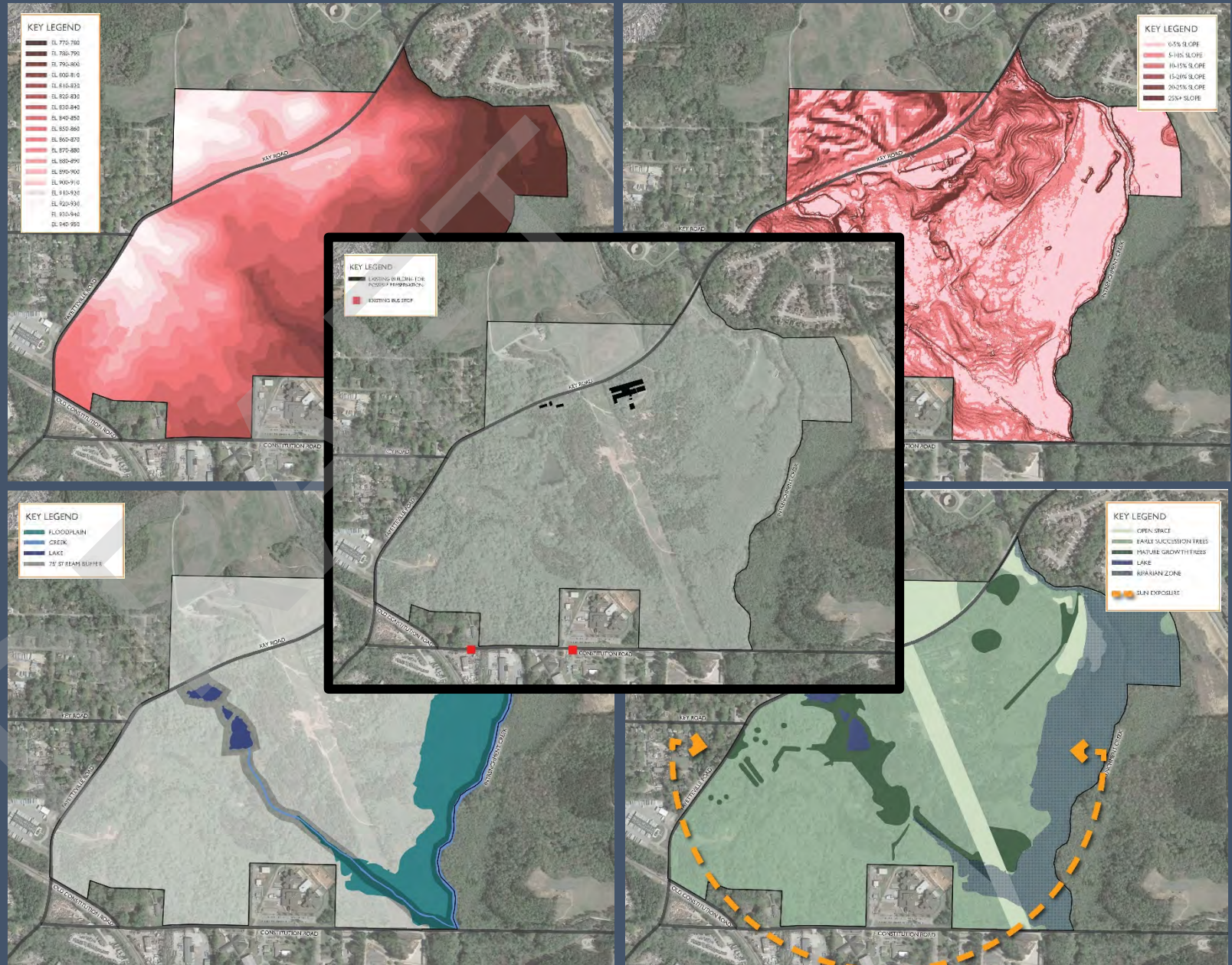


ACADEMIC BUILDING – Daylighting – Level 2

SS CI: SITE ASSESSMENT



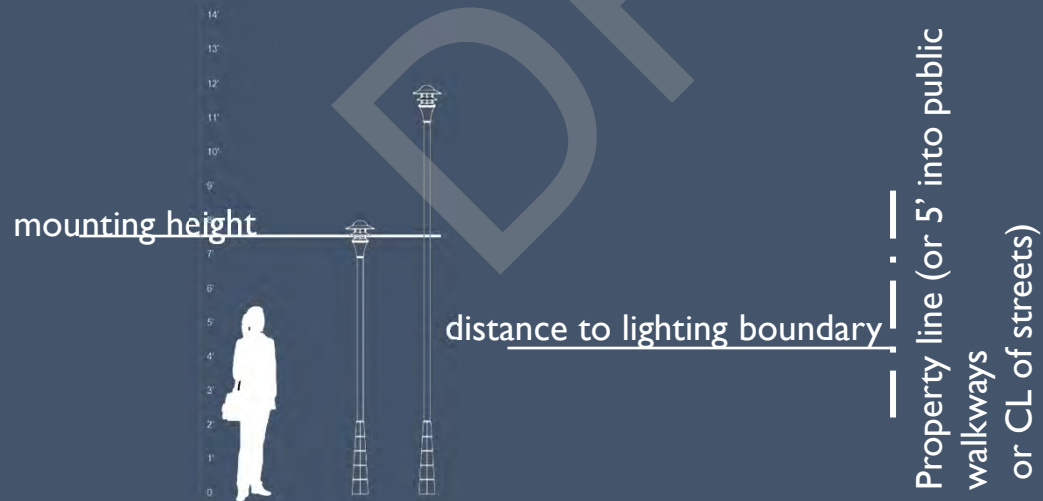
- The project team assessed site conditions before design to evaluate sustainable options and inform decisions about site design
- They then completed and documented a site survey including:
 - Topography
 - Hydrology
 - Climate
 - Vegetation
 - Soils
 - Human Use
 - Human Health Effects



SS C6: LIGHT POLLUTION REDUCTION



- 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.



SS C6: LIGHT POLLUTION REDUCTION



- 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.



WE PI & CI: OUTDOOR WATER USE REDUCTION



- **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.

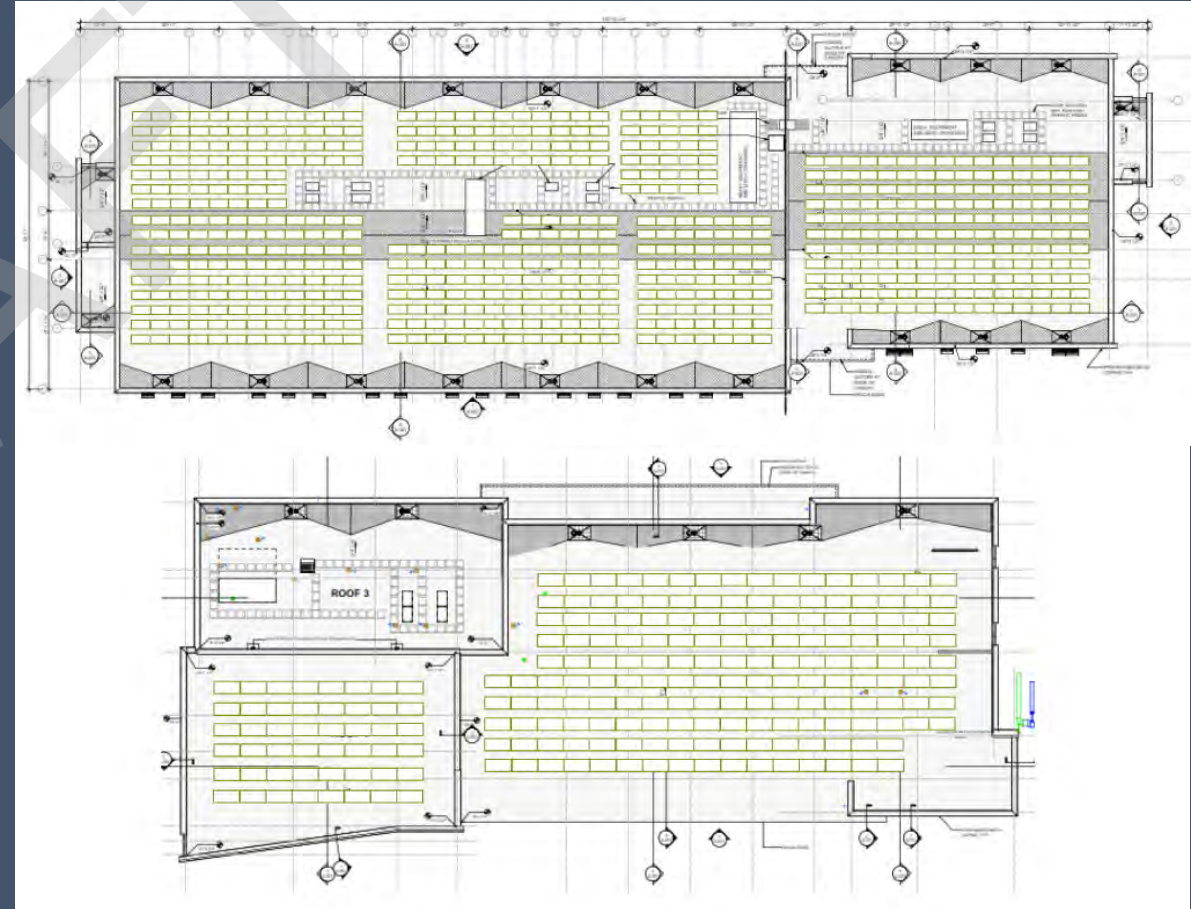




EA C5: RENEWABLE ENERGY PRODUCTION

Intent: To reduce the environmental and economic harms associated with fossil fuel energy by increasing self-supply of renewable energy.

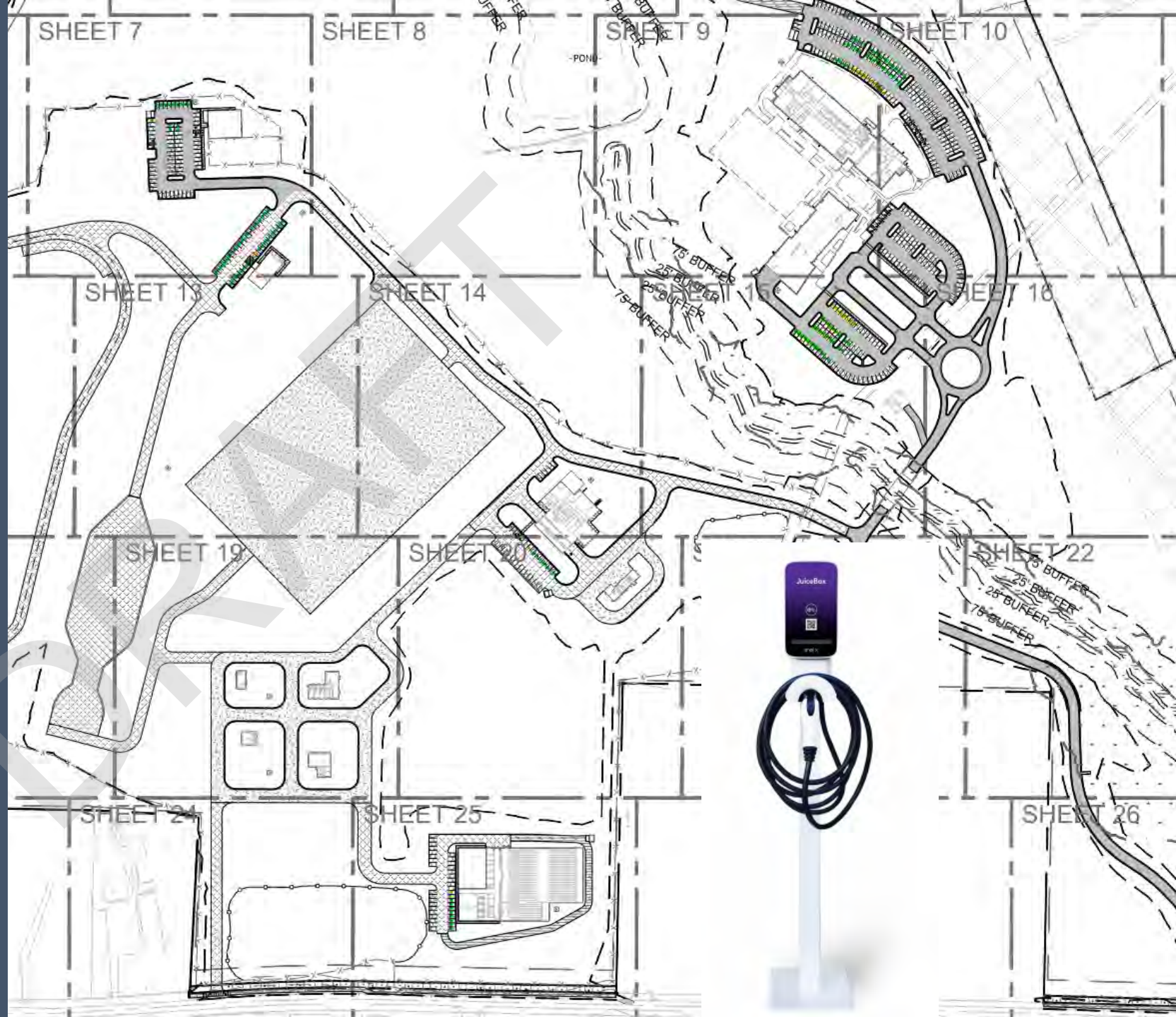
The two buildings will include on-site renewable energy systems, consisting of rooftop solar panels, to offset the greenhouse gas emissions from 28% of the building's annual energy use.



LT C8: ELECTRIC VEHICLES



- 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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