

# **The Next Phase of the Catherine and Isiah Leggett Math and Science Building**

**Takoma Park / Silver Spring Campus**

*July 27, 2021*

# Welcome Remarks

## **Mr. Josh Lasky**

Managing Director and Chief Strategist  
LINK Strategic Partners

## **Dr. Brad Stewart**

Vice President and Provost, Takoma Park / Silver Spring Campus  
Montgomery College

# Meeting Agenda

- 1. Current Construction Project Status**
  - COVID-19 Operating Procedures
  
- 2. Progress Update**
  
- 3. Logistics**

# Barton Malow COVID-19 Operational Procedures

Barton Malow is committed to maintaining a healthy working atmosphere on site and will stay flexible to rapidly evolving guidelines.

## **Barton Malow Plan follows CDC & Local Guidelines**

- Individuals that have been vaccinated do not have to wear masks.

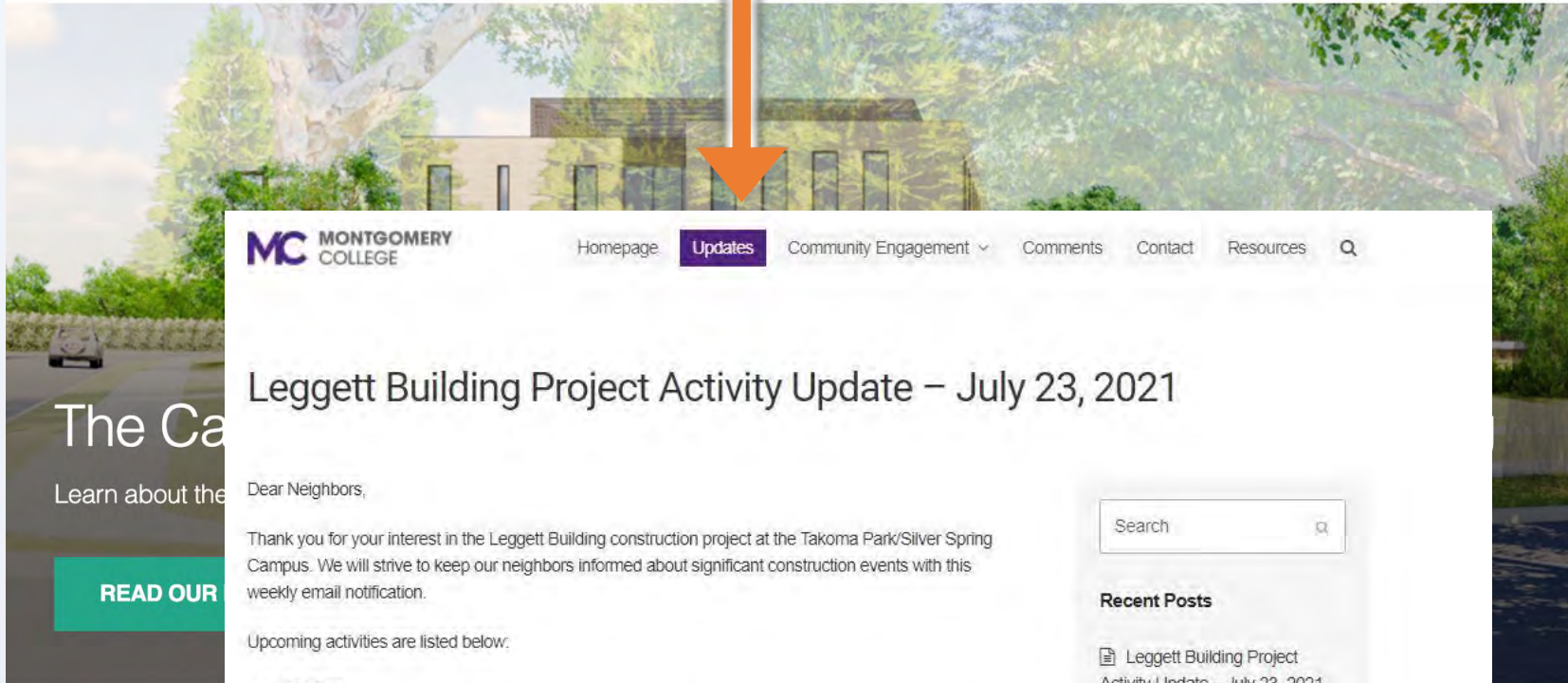
## **Social Distancing Measures**

- 6' separation at daily foreman meetings
- Smaller group safety orientation meetings held more often than usual
- All work surfaces (i.e.: tables, chairs) cleaned following the meeting
- Cleaning of portable toilets increase to 2x week – on site staff provided with bleach and cleaners
- Face-to-Face meetings held to a minimum – video meetings encouraged
- Workers to maintain 6' separation when working when possible.
- No congregation for lunch (i.e. no lunch room)
- Should a worker report illness after leaving site, a site investigation will be completed
  - Current Guidelines:
    - A worker with a positive result will not be able to return to the site until a negative test result is received.
    - Contact tracing investigation completed – workers identified that require testing and possible quarantine



# Progress Update



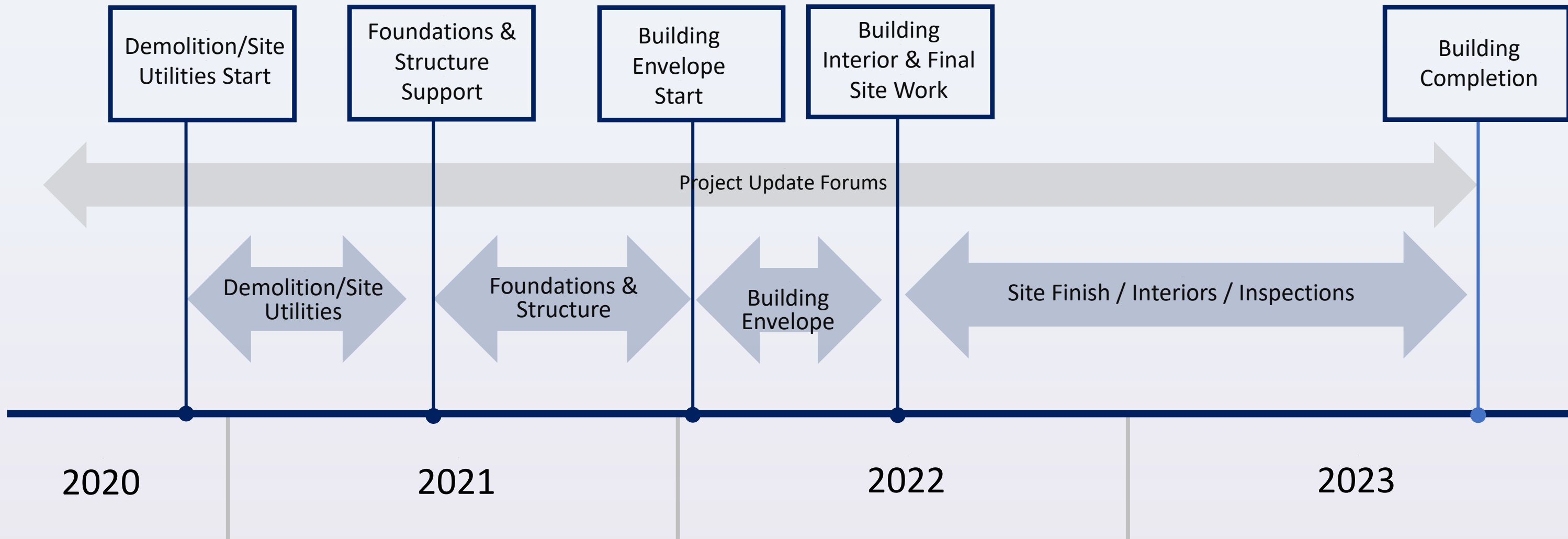


- Weekly updates on the website every Friday
- **Note:** Significant changes occurring between updates will have an additional post

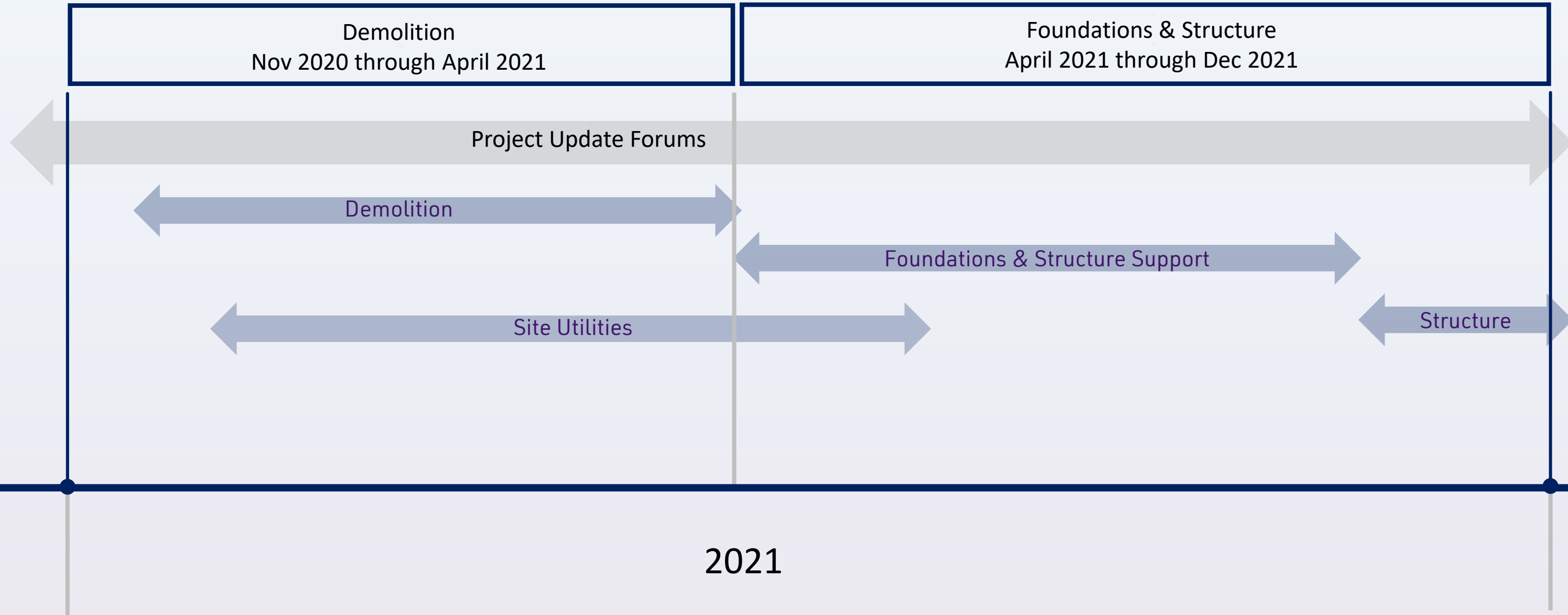


# Construction Overview Timeline

Looking Ahead



# Construction Look Ahead





# Existing Conditions





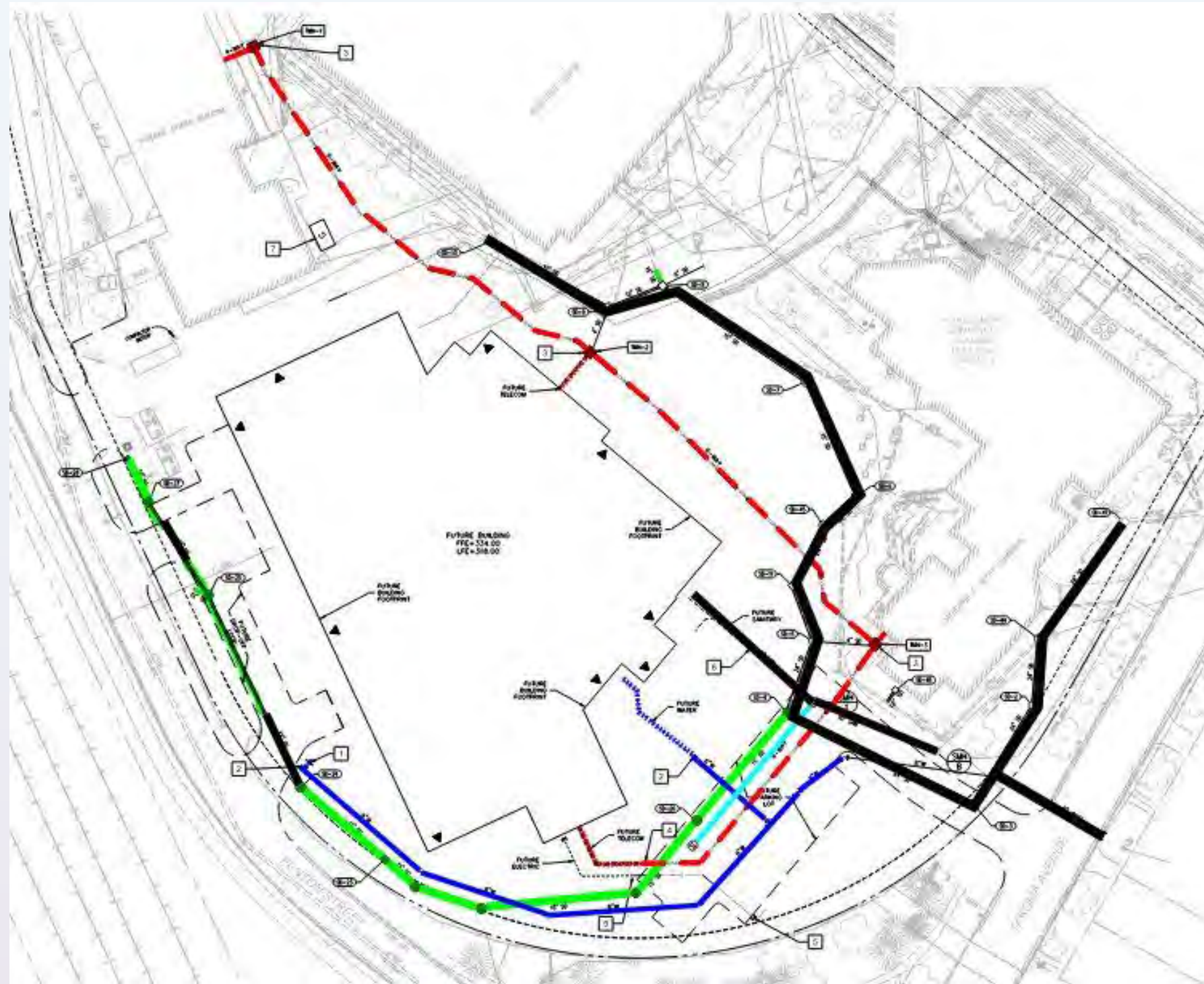
# Demolition & Utilities







- Underground foundation removal complete
- Rough grading underway
- Sheet piling and shoring underway



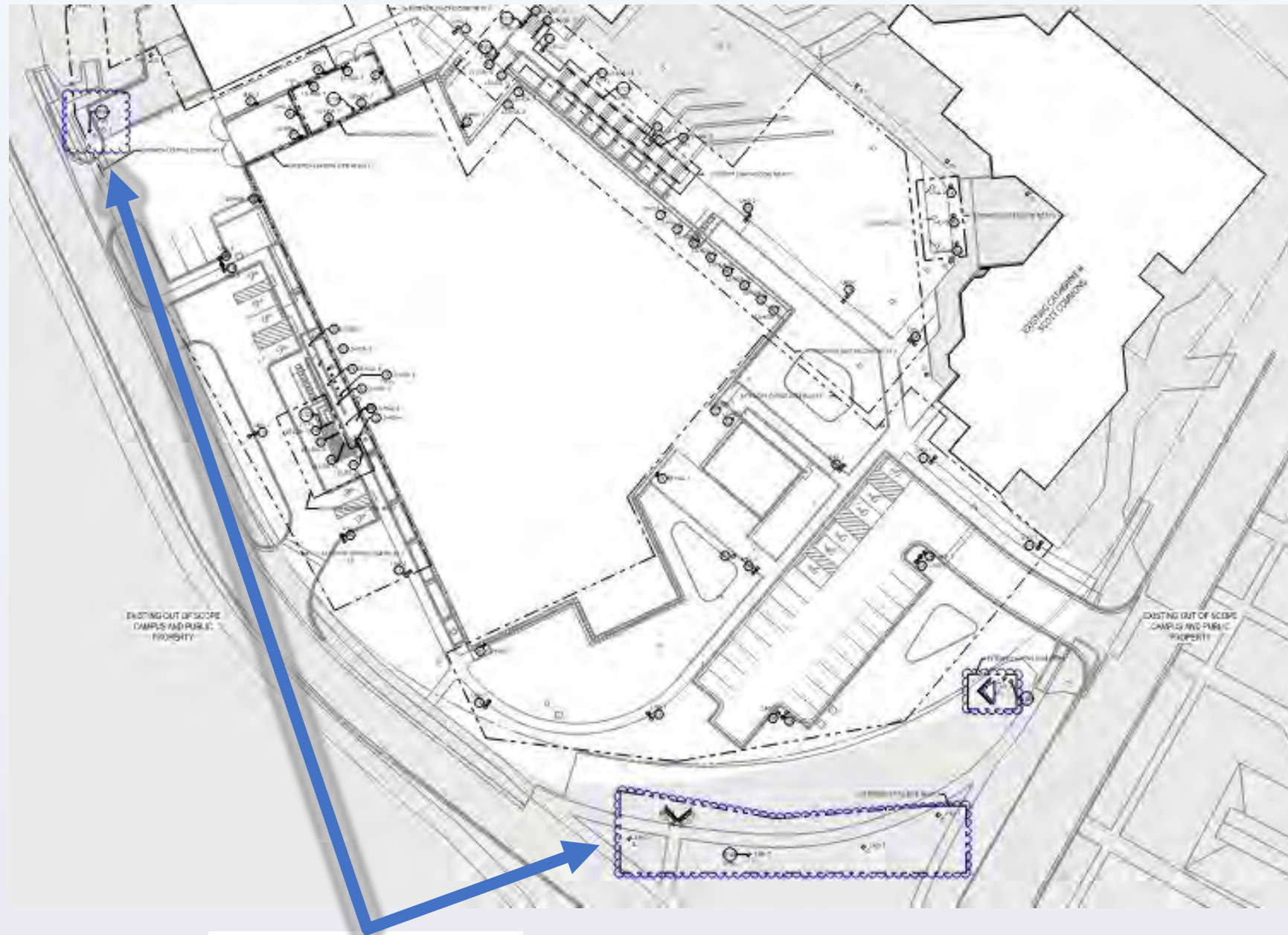
# Utility Installation - Progress



-  Storm Drain
-  Sanitary Sewer
-  Water
-  Telecom
-  Completed Work



# Site Lighting

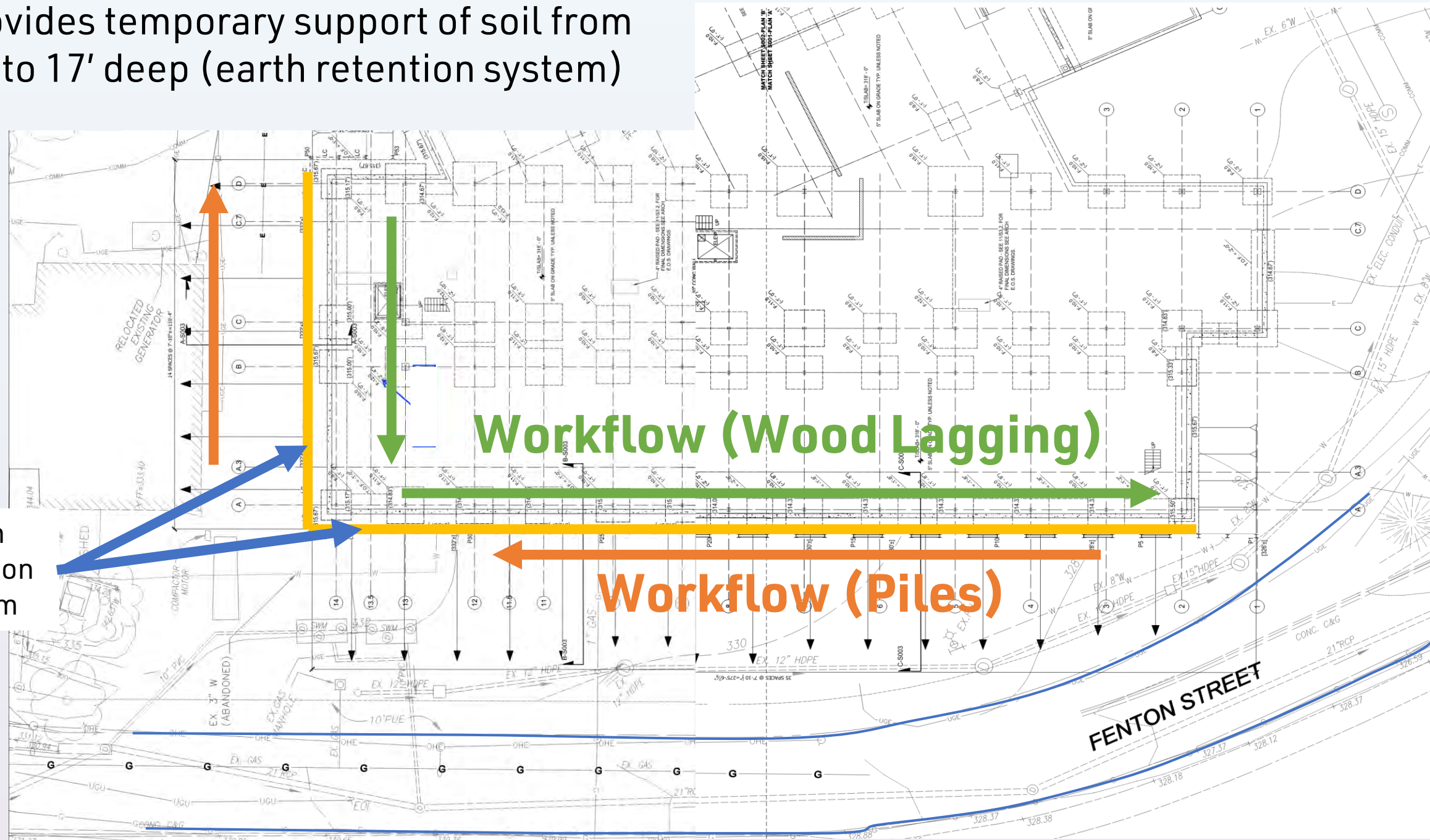


Areas affected by demolition

- Demolition of the buildings caused the existing lights on Takoma & Fenton to lose power (power for these lights were from demolished buildings)
- Barton Malow placed temp solar lights to provide interim lighting
- Permanent lighting re-established to existing poles on July 5

# Upcoming Work - Sheeting & Shoring

- Provides temporary support of soil from ~7' to 17' deep (earth retention system)



Earth Retention System

Workflow (Wood Lagging)

Workflow (Piles)



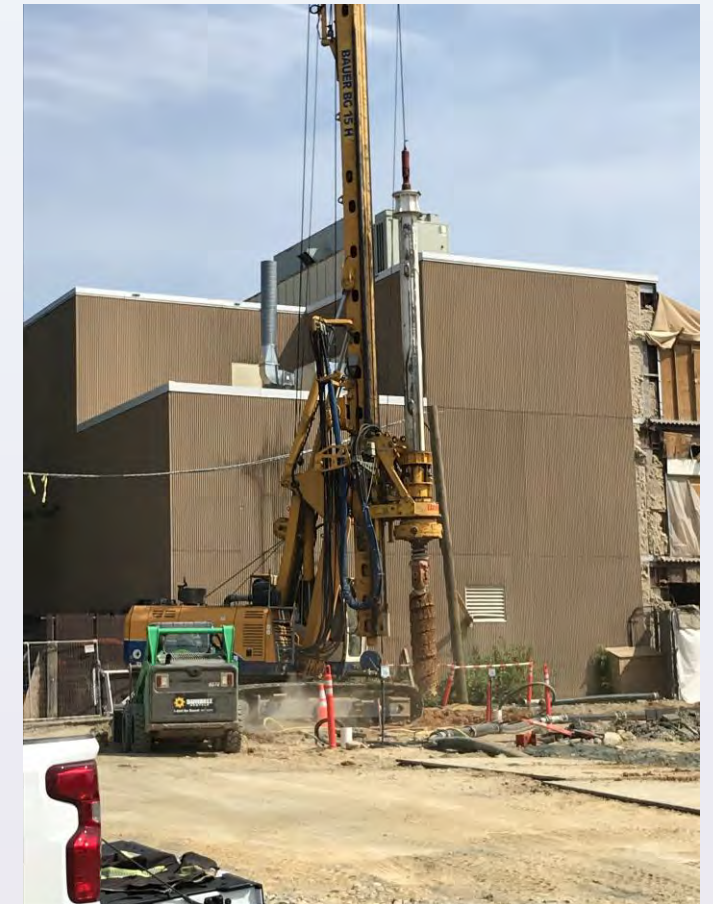
# Upcoming Work – Sheeting & Shoring

- Installation Methods
  - Soldier piles drilled into place
  - Wood sheeting boards placed to retain earth
- Machinery / Tools
  - Drill rig
  - Excavator
  - Saws (for wood lagging boards)
- **Noise Management – drilling soldier piles instead of pile driving**




Soldier Piles

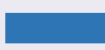
Wood Lagging Boards



# Upcoming Work - Concrete Foundations

- Underground concrete foundations to start late August
- Deliveries
  - Steel rebar trucks
  - Concrete trucks
  - Formwork
- Work Activities
  - Cutting of forms (wood)
  - Saw cutting rebar
  - Excavator to dig holes
  - Concrete truck deliveries
- Noise Management
  - No unnecessary equipment idling
  - Concrete trucks "rotation" at a lower turn until on site
- Estimated duration: 2 Months

 Concrete Foundations

 Concrete Walls



Takoma Ave.

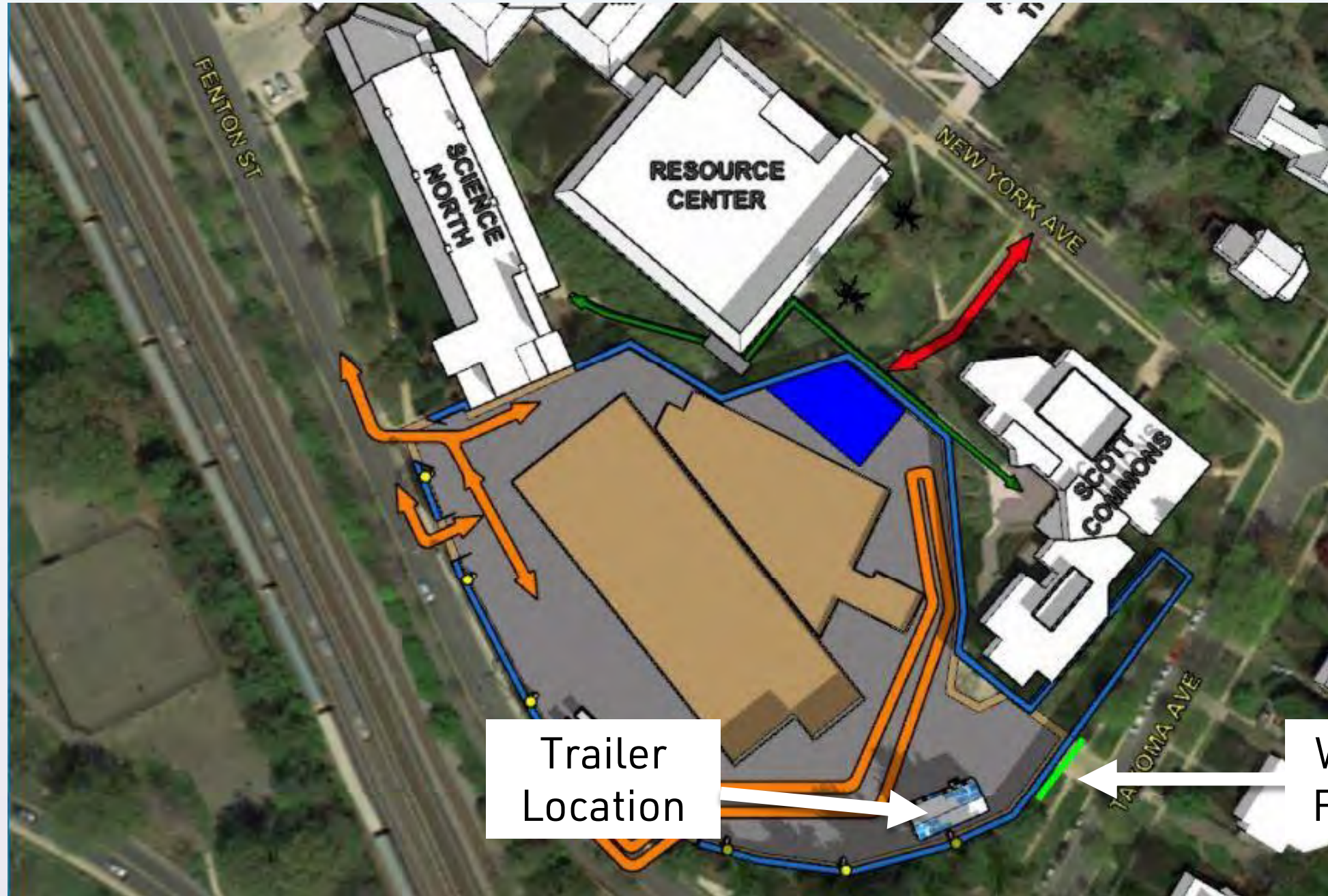
Fenton Street



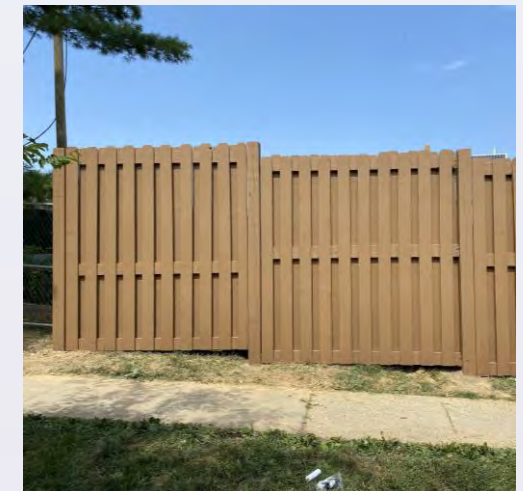


# Site Logistics

# Wood Fence Installation



- 8' high wood fence
- Installation complete
- **Trailer location**





# Current Delivery Situation

- Typical deliveries (concrete, pick up truck, box trucks, trailers ) all enter / exit at Fenton St. - **this will not change**





# Upcoming Delivery Situation

- Large trucks have had **several challenges accessing and exiting the site with large deliveries** (ex. 60' Low Boy & Long Flat Bed trucks delivering heavy machines and materials)







# Existing Conditions





# Delivery Conditions





# Delivery Conditions





# Delivery Conditions



# Rodent Question/Inquiry



## Situation

- Inquiries from Community asking if the construction activity could have increased rodent activity in the area

## Steps Taken

- At the onset of construction, investigation by third party vendor completed
- After receipt of concern, third party vendor revisited the site (see attached letter). Inspector noted no rodent activity on, or adjacent, to the jobsite.

## Additional Steps

- Adding rodent control around perimeter of site as an added measure (monitored monthly)

# Stormwater Inquiry

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Homepage Updates Community Engagement Comments Contact **Resources**

**Mandatory Referral Process**

- Mandatory Referral Submission
- Mandatory Referral Supporting Documents
- Mandatory Referral Letter and College Response

**Master Plans**

- Montgomery College Academic Master Plan
- Montgomery College Facilities Master Plan

- Takoma Park Tree Commission Presentation: August 12, 2020
- Tree Protection Plan Preliminary Approval: August 14, 2020
- Takoma Park Tree Protection Permit: September 1, 2020
- Tree Removal Permit
  - Takoma Park Tree Removal Permit: October, 2020
  - Takoma Park Tree Commission Decision and Order: September, 2020

**Stormwater Management Information**

- Stormwater Management Plan June 23, 2020
- Mandatory Referral Supporting Documents
- Design Development – Stormwater Management
- Stormwater Management Fact Sheet
- Stormwater Management Plan: Approved September 2020
- Leggett Building Stormwater Management Meeting: February 8, 2021

For questions or comments, please email [community@montgomerycollege.edu](mailto:community@montgomerycollege.edu).  
To be kept up to date with the latest information about the project, [join our mailing list](#).

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**Takoma Park/Silver Spring Campus  
Catherine and Isiah Leggett Math and Science Building  
Stormwater Management Fact Sheet**

**Our Commitment to Sustainable Site Design and Environmental Stewardship**  
Montgomery College stands firmly committed to sustainable site design and environmental stewardship. As with past projects, the College intends to earn LEED certification for the project. The project will reduce impervious surfaces and implement stormwater management where none exists today, in the form of micro-bioretention facilities to help filter and slow stormwater runoff. The College will enhance the tree canopy and protect the trees along Takoma Avenue. Taken together, these actions will improve air and water quality through natural stormwater facilities and an environmentally sound, diverse, and lush landscape plan.

**The College demonstrates this commitment with the project design and stormwater management plan that reduces impervious surfaces on the campus, implements micro-bioretention facilities and underground piping, decreases the amount of runoff from the site, and exceeds Maryland stormwater management requirements by 50 percent.**

**Reduction of Impervious Surfaces**  
Because the College reduced the size of the building during the design process, it reduced impervious surfaces—hard materials that preclude the absorption of stormwater—on the campus. Additionally, the College will eliminate the tennis court and shrink the size of the parking lot on the corner of Takoma Avenue and Fenton Street, further reducing the impervious surfaces.

**New Micro-bioretention Facilities**  
Seven (7) micro-bioretention facilities will provide stormwater management. Most runoff from the site will be captured and piped underground to the stormwater management system.

Three (3) of the micro-bioretention facilities will be installed within concrete planter boxes, directly adjacent to the building, collecting runoff solely from the building's roof. Each of these facilities includes several planter boxes, tied together structurally, to function as one facility. The planters are designed to hold up to 6 inches of water during rain events, cascading into the

# Engagement



**HOTLINE**  
800-879-9879



**SCHEDULED MEETINGS  
BY APPOINTMENT**

Virtual Meetings



**WEBSITE**  
[montgomerycollege.edu/  
tpss-design](http://montgomerycollege.edu/tpss-design)



**PROJECT EMAIL**  
[community@  
montgomerycollege.edu](mailto:community@montgomerycollege.edu)



**MEETING SCHEDULE  
REGULAR PROJECT  
UPDATE FORUMS**

Look forward to our

# Next Project Updates

Project Update Forum: Oct 2021

**SMITHGROUP**  
LINK STRATEGIC PARTNERS

**Barton**  
**Malow**

**MC** MONTGOMERY  
COLLEGE