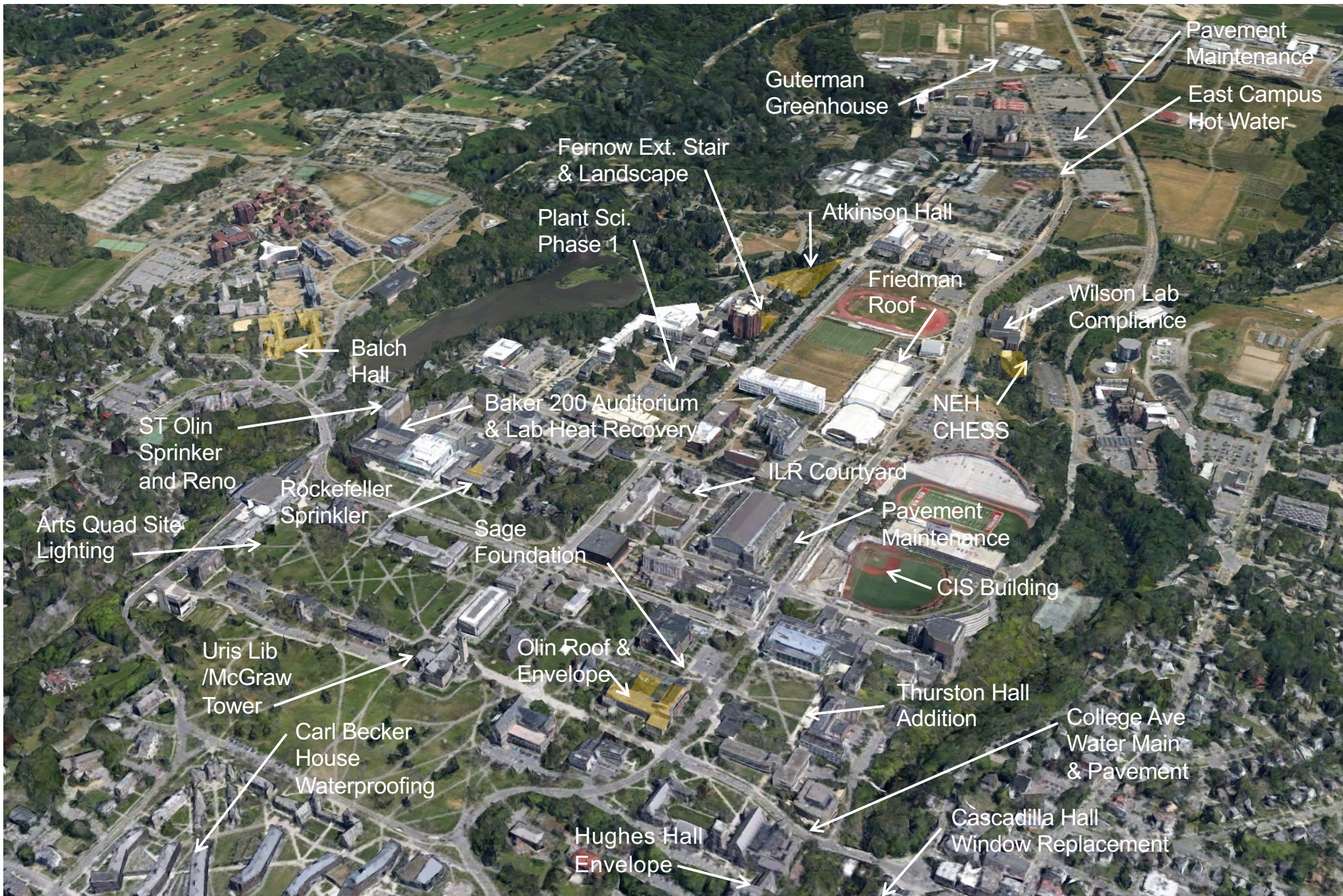


Summer Construction Update

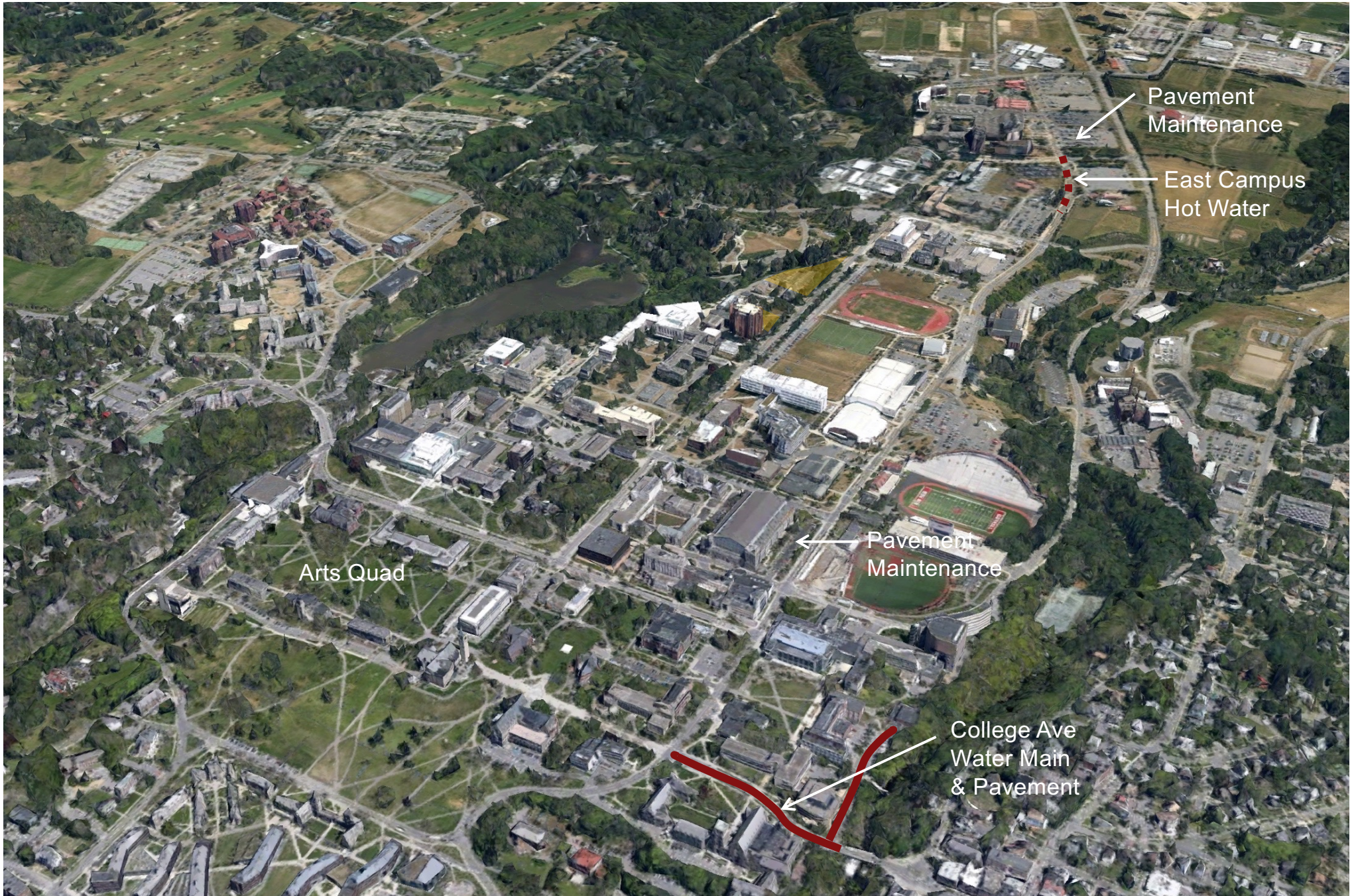
Project Management Professional Development

May 2023

Summer Construction Update



Major Road Closures & Paving



Site & Landscape Improvements



Building Envelope Projects in Construction



Projects Inside Buildings with Outdoor Staging Areas



Large Construction Projects > \$10M

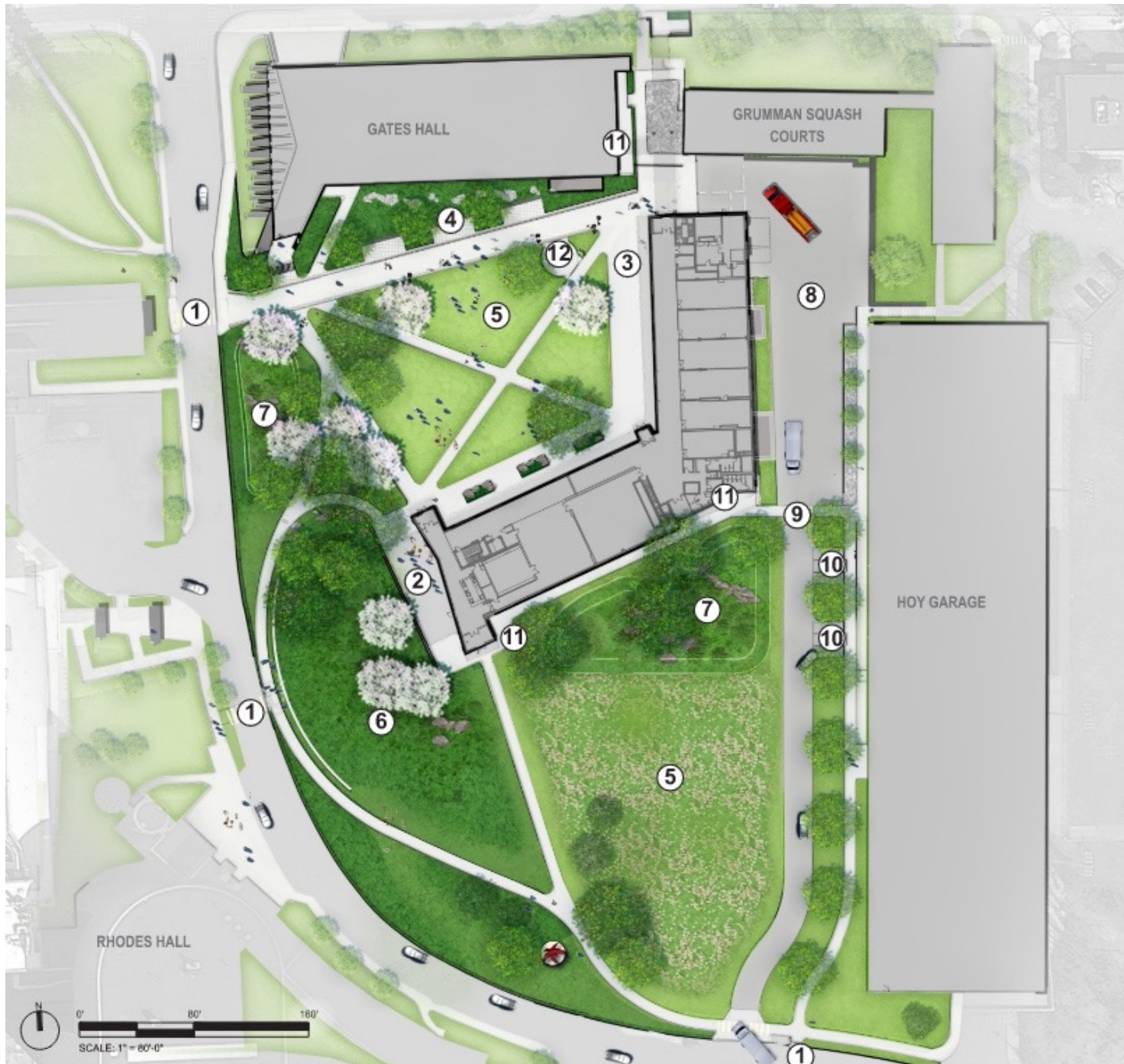


New CIS Building



New 132,000 GSF building to provide the College with additional space to support ongoing growth in student population, faculty hiring, and research activity.

New CIS Building – Site Plan



- ① HOY ROAD CROSSWALKS
- ② ENTRY & CAFE TERRACE
- ③ TERRACE
- ④ PROMENADE ALCOVES
- ⑤ GREEN SPACE
- ⑥ GORGE INSPIRED PLANTING
- ⑦ BIORETENTION PLANTING
- ⑧ SERVICE COURT
- ⑨ 20' WIDE SERVICE DRIVE
- ⑩ ADA-COMPLIANT VAN PARKING SPACES (4 TOTAL)
- ⑪ BICYCLE RACKS
- ⑫ HOY FIELD MEMORIAL INTERPRETIVE SIGNAGE

New CIS Building



New CIS Building



New CIS Building



Sitework in Progress

Plant Science Renovation - Phase 1



First phase of a project to revitalize the Plant Science Building into a dynamic, high-performance research and academic space for the School of Integrated Plant Science. Five Floors (91,000 sf) full gut renovation.

Typical Floor Plan



West Wing

East Wing

Phase 1

- Research labs in east and west wings
- Offices, classrooms and teaching labs on both sides of center wing

Rendering of Central Stair



Plant Science Renovation - Phase 1



Rendering of typical flexible lab

Balch Hall Renovation

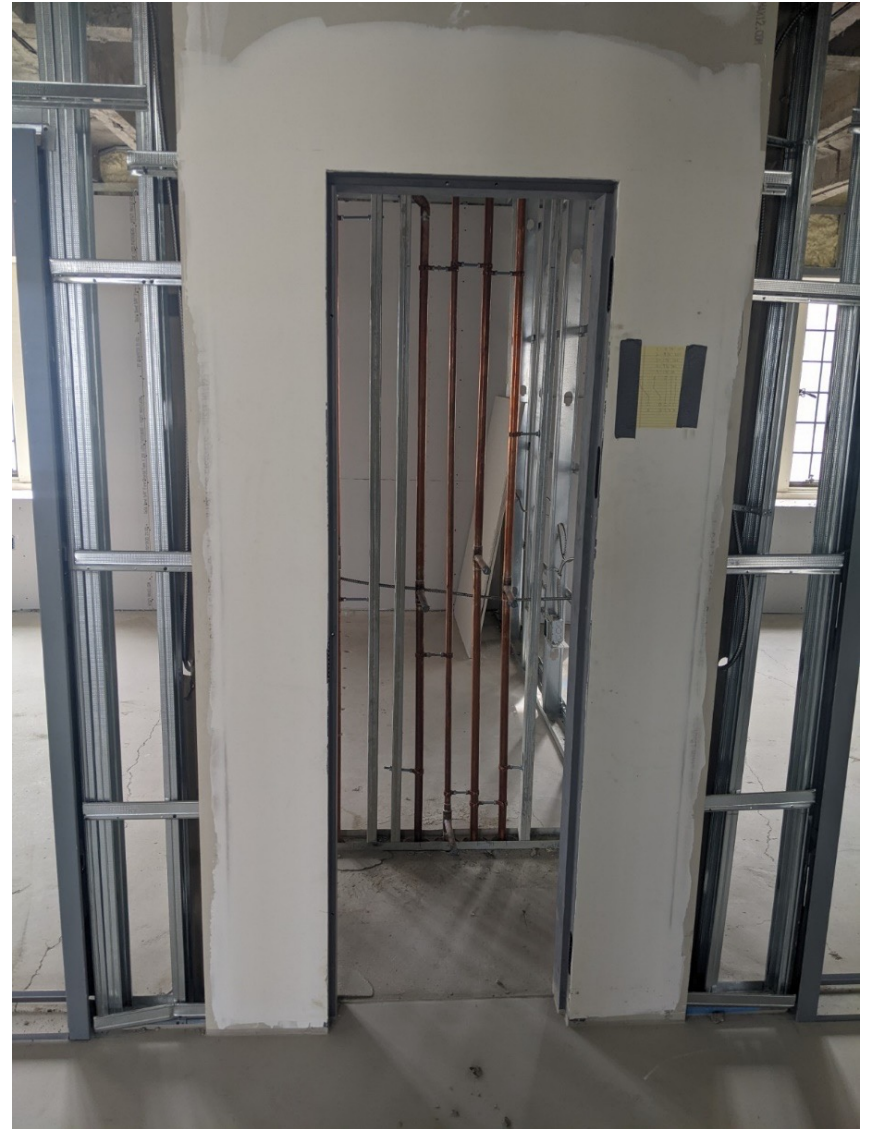


Renovation of 167,000 GSF building: significant interior renovation + added beds, energy performance improvements, building systems replacement, exterior window replacement, exterior walls/ roofs/chimney repairs, accessibility improvements, landscape modifications

Balch Hall Renovation



Corridor Room Piping and Framing



New Experimental Hall for CHESS



Facility will host a **High Magnetic Field (HMF) X-ray Beamline high-energy X-ray beam-line**. It will feature a custom low-temperature superconducting (LTS) magnet generating continuous fields as high as 20 Tesla.

New Experimental Hall for CHESS



High Bay Roof Placement Underway

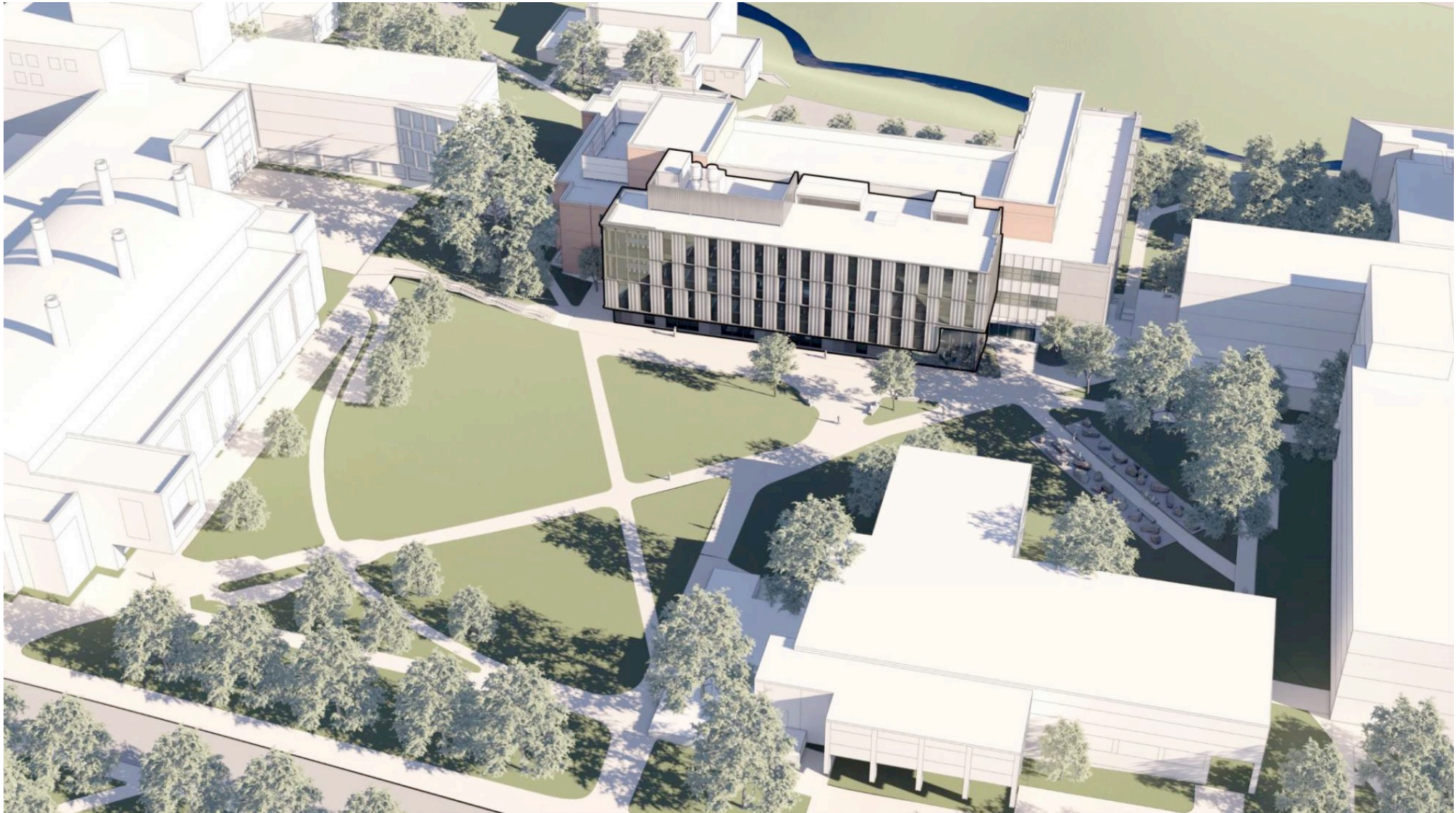


Steel Erection Ongoing at Sector Seven



Metal Framing Installation Along South Wall of NEH High Bay

Thurston Hall Addition



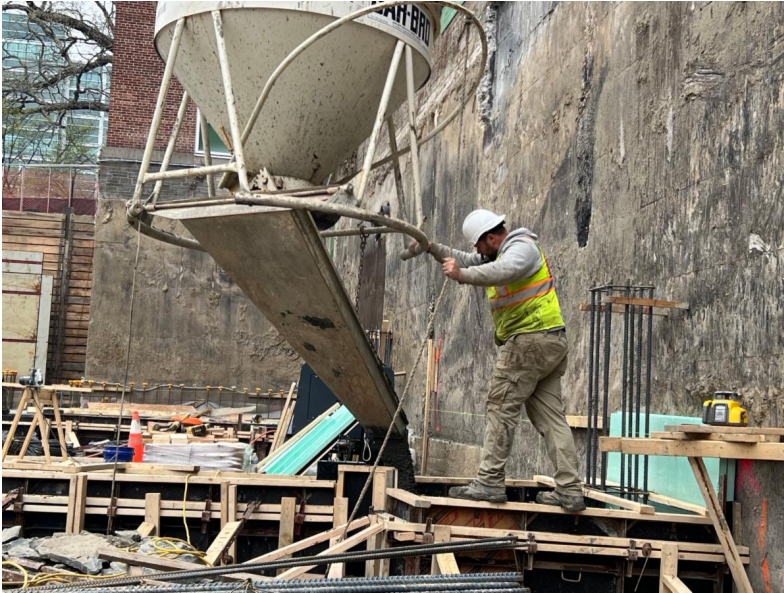
50,500 GSF four-story addition to Thurston Hall to support instructional lab and design studios for **Biomedical Engineering (BME)** and research labs for MSE. This is an urgent need for BME and will promote interaction and collaboration with other departments.

Thurston Hall Addition



View of of main entrance

Thurston Hall Addition



Concrete being placed



Foundation walls rebar and formwork



Foundation walls rebar and formwork



Waterproofing elevator pit

Hughes Hall Envelope Replacement

Architect: **Eggers & Higgins**
Constructed: **1963**



The scope of this project involves replacing the existing facade with new stone cladding, windows, and insulation to provide improved energy savings and reduce long term annual maintenance costs.

Hughes Hall Envelope Replacement



Inspired by the adjacent Collegiate Gothic architecture of Myron Taylor Hall. The new stonework will take cues from Myron Taylor Hall and match the stone type and pattern and profiles of the limestone detailing around windows and doors.

Atkinson Hall



104,000 GSF home for new Atkinson Center for Sustainability, Master of Public Health, Center for Immunology, Friedman Center for Nutrition and Inflammation, Center for Cancer Biology, and Dept of Computational Biology

Atkinson Hall

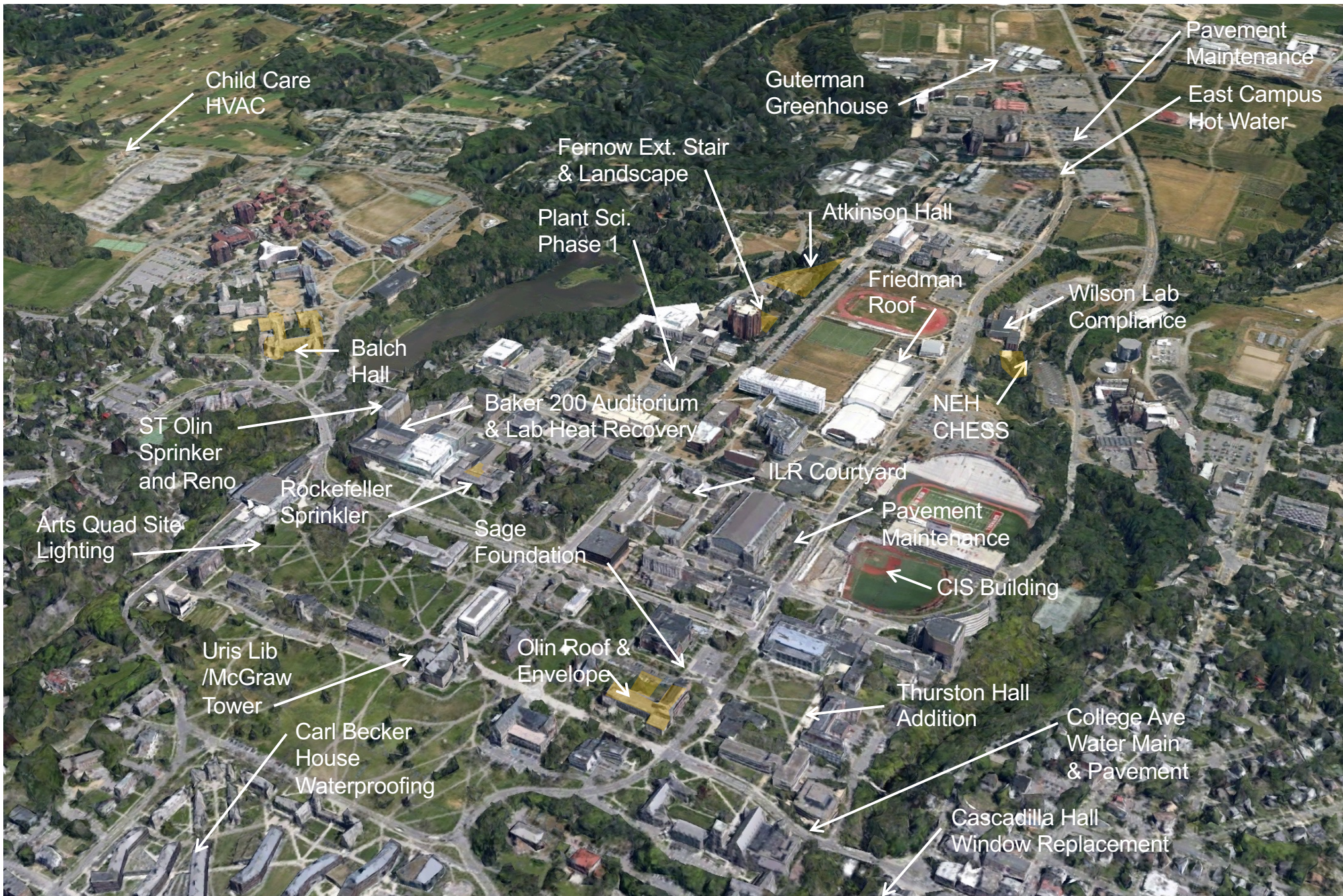


Structural steel frame

Atkinson Hall



Summer Construction Update - Questions?



Construction Phase - Communication

“The single biggest problem in communication is the illusion that it has taken place.” - George Bernard Shaw

- Err on the side of over communicating *but...be clear and concise*
- Think early and often about the local and campus wide impact of your project (*update eB project construction impacts statement*)
- Use a layered approach targeted for each type of audience
 - *Success with CC communications for larger projects*
- Don't forget your third-party consultants (*FM Global, Commissioning Agents, Testing agents etc...*)
- Every project should have a project communication plan/strategy in place...*that has been shared and vetted with partners and stakeholders*

Construction Phase - Communication Resources

Bid Phase
Construction Communication
B5

Project: Project Name (eB #)

- Make sure all key stakeholders listed in B4 are contacted to determine project impact
- Identify Cornell contacts (CUPD, Access Control Unit, Transportation, Grounds, etc) for construction coordination
- Identify any construction phase AHJ points of contact for permits, site review, etc
- Add selected contractor and key subs contact info to the project team contact list
- Verify that contact information is current and is the preferred contact method
- Add construction narrative to the Project Communication Plan (PCP) including service shutdowns, closures, etc
- Select your method(s) of communicating impacts/progress to stake holders
- Share your updated PCP with your supervisor for their review
- Large scale/Impactful projects should use Constant Contact for regular updates
- Consider holding a town hall style stake holder meeting prior to construction
- Follow the Communication Plan
- Document feedback on your Communication Plan for future process improvement

Engineering and Project Management | Cornell University
Facilities and Campus Services

Last updated 10.27.20

Checklist for Construction Communication

Cornell University

Name: Project Manager
email | phone number
Engineering and Project Management
102 Humphreys Service Building
Ithaca, New York 14853-3701

Sage Hall Storm Water Remediation Project 2019

11/5/19 Ver 1.0

Project Number:	eBuilder #
Date:	11/1/19-12/15/19
Project Ownership:	FCS PMO
Prepared by:	Alex Chevallard & Frank Perry

Core Project Team

Name	Organization	Role	Phone Number	Email
Alex Chevallard	CU - PMO	PM	607-793-7322	Sc285@cornell.edu
Frank Perry	CU - Utilities	Program Manager	607-592-2194	Fp1@cornell.edu
Jason Kelly	CU - Utilities	Utilities Rep/ point of contact	607-327-1271	jjk332@cornell.edu
Jason Twardawa	CHA	Design Lead	289-213-8509	JTwardawa@chacompanies.com
Matt Reiter	FE	Engineer		
Frank Paolangelo	Paolangelo Contractor	Owner/PM	607-279-0315	pogo@lightlink.com
Michael Paolangelo	Paolangelo Contractor	Site superintendent	607-279-0504	Map13@cornell.edu

Communication Plan Template

- Project Info
- Core Project Team
- **Communication Narrative**
- Stakeholder Master List

Cornell University

Name: Project Manager
email | phone number
Engineering and Project Management
102 Humphreys Service Building
Ithaca, New York 14853-3701

Communication Narrative

The project will begin construction by November 21st 2019 and will be completed by December 2019. The following steps will be taken to keep our stakeholders & project team informed regarding project progress and project impacts.

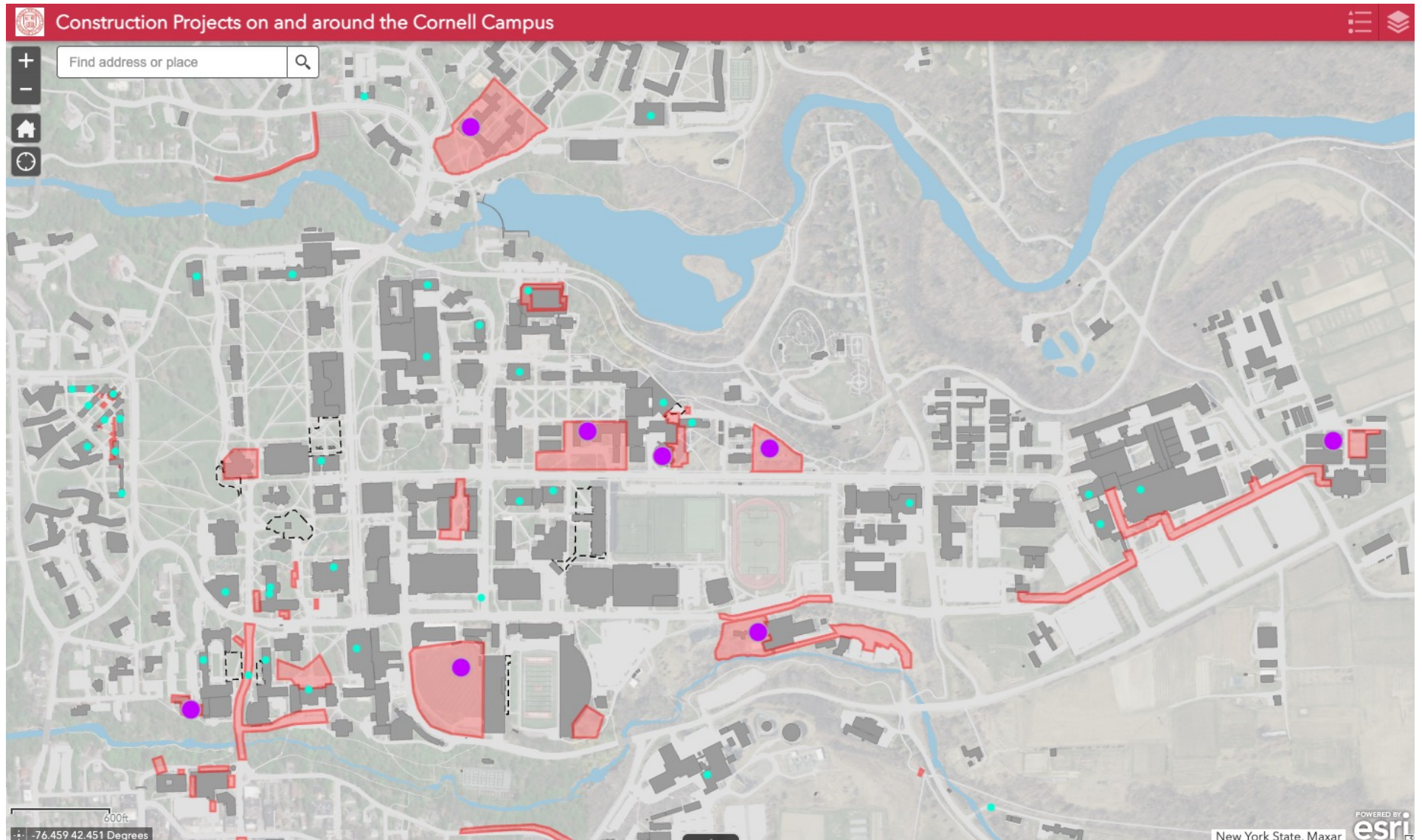
- A weekly email will be sent out each Friday to maintain project communications with the complete stakeholders list.
- A weekly project team & direct management report will be provided internally to ensure that our PMO & Utilities management are informed, in advance, of any project impacts or concerns.
- Daily logs will be filed from the Cornell CM team & the contractor.
- All project processes will be handled through eBuilder.
- Design team daily coordination will be achieved via video conference from the job site. The goal is to facilitate a more rapid response to potential scope changes in the field.

Stakeholders Master List

Name	Organization/buiding	Role	Phone Number	Email
Mark Fabrizio	Sage	BC	607-255-0025	Mrf22@cornell.edu
Joe Jacoby	Sage	BC	607-255-3924	jjj8@cornell.edu
Kevin Barades	Sage	BC	607-227-6564	Kb15@cornell.edu
Peter Meivell	Statler School	BC	607-227-5898	Pm28@cornell.edu
Danny Disidoro	Statler Hotel	BC	607-254-2531	Dtd8@cornell.edu
Dan Schied	Grounds	Director	585-770-0498	Dgs239@cornell.edu
Ron Flynn	EH&S	C. Fire Marshall	607-327-1362	Rmf9@cornell.edu
Pat McNally	EH&S		607-255-2304	Pom1@cornell.edu
Tom Parsons	IFD	Fire Chief	607-227-3400	Parsons@cityofithaca.org
Mike Nieschwiadowicz	City of Ithaca	Building Inspector	607-274-6508	MNieschwiadowicz@cityofithaca.org

Communication Narrative and Stakeholders Master List

Summer Ops Map



Link in chat and will be in follow up Constant Contact email