

UTM MAJOR CAPITAL PROJECTS: Status Report - Level 1

UTM Campus Affairs Committee
April 27, 2021



Level 1 Projects

Level 1 Projects <\$5M

➤ Renovation

➤ Infrastructure

Renovation Projects

2019-2020

17 Projects totaling \$5.1M

- Research
 - Growth Chambers
 - Wet Labs
 - Sleep Labs
 - Dark room

- Classroom renovations

- Office Renovations

2020-2021

15 Projects totaling \$ 4.1M

- Research
 - Wet labs renovation/upgrades
 - Electrophysiology Lab

- Classroom renovations

- Office Renovations
 - CAO/Principle Offices
 - Research Bio Grad Offices
 - RAWC Reception Desk

Research Growth Chamber Projects

Project Status : Complete September 2020

- Growth Chambers were design and constructed for a new hire in Biology



Office Renovation Project for IT&S

Project Status : Complete September 2020

- Vacant Offices on the 3rd floor of Davis were renovated to accommodate new hires and space needs within IT&S



CAO/Principle Renovation Project

Project Status : Complete March 2021

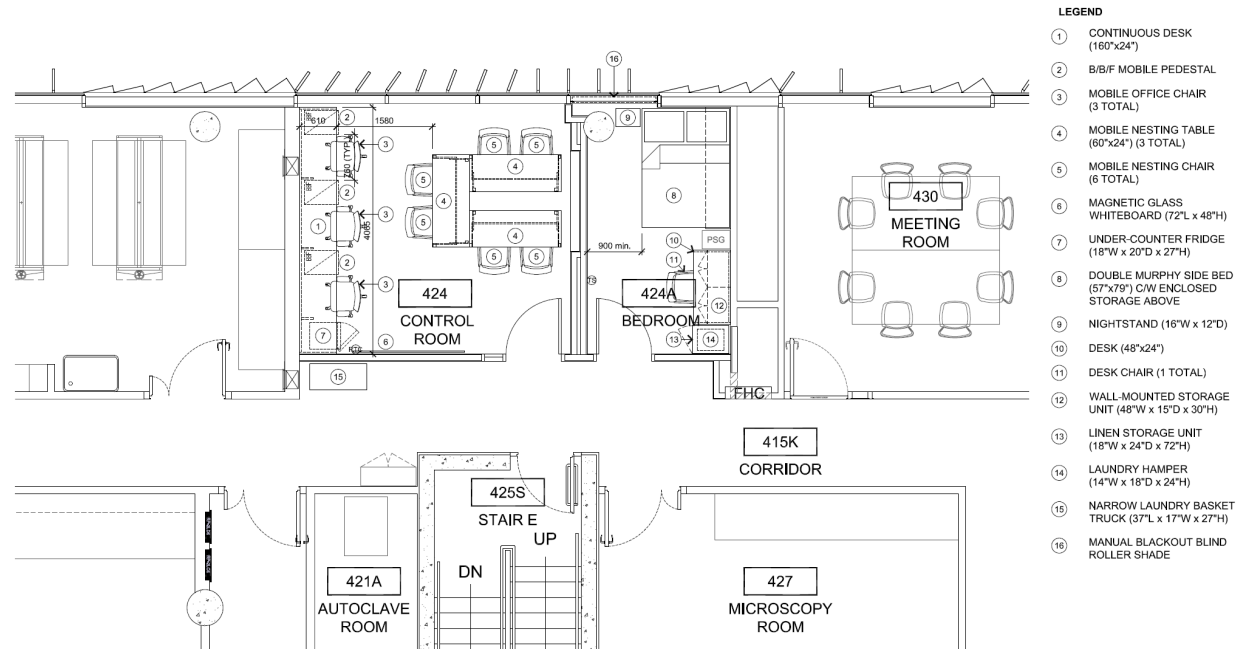
- The CAO/Principals office was re-designed and renovated to accommodate additional staff



Anthropology Sleep Lab

Project Status : Construction May 2021

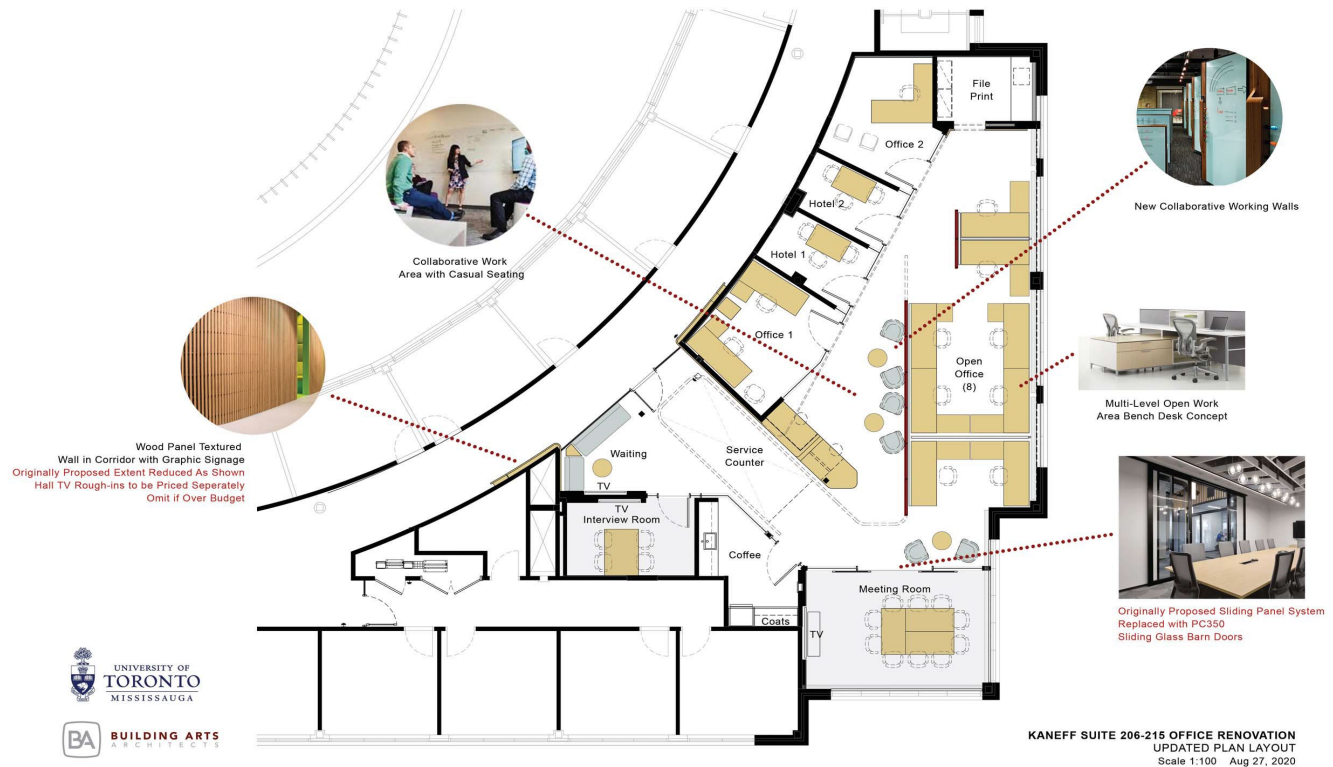
- This is a renovation of existing open space in HSC
- A sleep lab will be constructed for a recent hire in Anthropology



Kaneff UTM Management Program Project

Project Status : Construction September 2021

➤ This project is to renovate existing space for the Professional Program Consolidation.



Infrastructure Projects

2019-20

17 projects totaling \$10.8 M

- Roof replacements
- HVAC upgrades
- Paving & Road infrastructure project
- Elevator Modernization
- Switch Gear (LV)
- UPS Upgrades for Research
- Generator Upgrades

2020-21

18 projects totaling \$ 8.1 M

- Roof Replacements
- Building HVAC upgrades
- Elevator Modernization
- CUP Upgrades including:
 - Tunnel shoring and rehabilitation
 - Slab rehabilitation,
 - Switch gear upgrades (HV)

Elevator Modernization

Project Status : Complete September 2020

- Cabs 6 & 7 in the Davis Wing serve both J and K Blocks
- Original to the Davis Building circa 1970
- low-rise passenger elevators that were outdated
- Prone to frequent service issues
- Unreliable and unavailable

- Modernization ensures:
 - code compliance
 - Accessibility
 - Increased reliability



Switchgear Upgrade Projects

Project Status : Complete January 2020

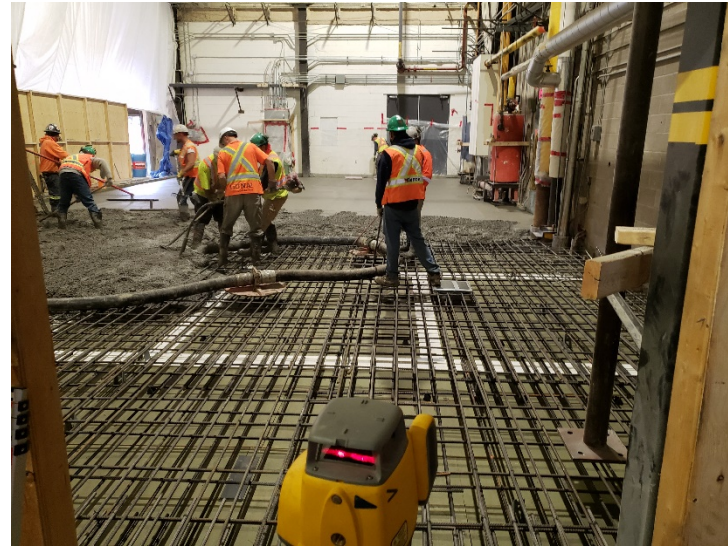
- This equipment provides power to mechanical equipment that provides chilled water, hot water and steam as well as feeds equipment that distributes electricity to all campus buildings
- End of Life installed in 1960
- Aged circuit breakers pose a risk of failure



CUP Slab Rehabilitation Project

Project Status : Construction May 2021

- CUP was built in 1960's
- Slab is cracking in multiple areas and water penetration has exposed rebar.
- Structural assessment has Indicated widespread corrosion related to deterioration
- Testing has revealed that a full slab and structural beam replacement is necessary to prevent structural failure.



Research RO System Replacement Project

Project Status : Commissioning April 2021

- Current system is 30 yrs old
- Gravity fed system not efficient
- End of Life

- Improvements in technology and research demand for capacity has increased
- Improved water quality
- Supports research needs



Schreiberwood Transformer Upgrade

Project Status : Complete July 2020

- Original ant at end of life 40 years old
- Project replaced 3 transformers that distribute power to Schreiberwood town homes and Oscar Peterson Hall
- New transformers will provide more redundancy to residence





UTM MAJOR CAPITAL PROJECTS: Status Report - Level 1

QUESTIONS