



# FACILITIES MANAGEMENT

## Campus

### Applied Math & Engineering Enabling

ARCHITECT: Architecture Research Office, LLC

CATEGORY: 1

CURRENT PHASE: Design

CONTRACTOR: Shawmut Design & Construction

CONTACT: Bjorn Sandstede

PROJECT SQUARE FOOT: 13,020

PROJECT MGR: David LaPlante

COST PER SQUARE FOOT: \$781.31



#### PROJECT HEALTH



BUDGET



SCHEDULE



SCOPE



PERFORMANCE

SAFETY

CM CONTINGENCY

#### PROJECT OBJECTIVE:

As an enabling project to the new Engineering building, relocate Applied Math from 37 Manning & 333 Brook, and Urban Studies from 29 Manning. Complete relocations prior to the start of site preparation for Engineering, targeted for January 2016.

#### PROJECT UPDATES:

All design elements are underway. As endorsed by FM E&O, the electric service will originate from B&H main electric room. The team will work closely with FOE rep and B&H occupants to select the most appropriate routing. Fan coil location studies are still underway. An interior design review meeting is being scheduled for the week of November 10th.

Permit sets issued to Building, Fire, DPW, & NBC. NBC requested additional low impact design (LID) measures and signage.

Mobilization on schedule for November 17. The City forester has issued approval letter for select tree removal. The site package RTA will be issued the week of November 10th for review and approval.

FM and Accentech held two meeting with the occupants of B&H to discuss construction impacts. Several occupants were very concerned about general noise pollution. Only a few had vibration concerns. Accentech installed vibration sensors in several basement and first floor labs to get a building baseline, as well as to use for monitoring during construction. Acentech and SDC are developing a friction fit window insert to address air born noise to be installed at select locations, but will prepared for full deployment at the south elevation of B&H if requested.

Construction complete at parking improvement projects. Sign package scheduled to complete week of November 10th. New light poles at Prince lot recommended.

#### ISSUES:

Budget: Project is tracking slightly over budget with several alternates to be carried. The team will continue to work with user and FM groups to define and refine the project needs. Receipt of site and steel package RTAs will influence this discussion. We will continue to use the Risk Log as a tool to manage risk during the balance of the design process and early site work.

Performance: The team recognized that it was not successfully engaging with Vidaris for building performance data. We have rectified this issue with a series of productive meetings. I revised energy model is underway with several enhanced design options now clearly identified for life cycle cost analysis. The team will reengage with FM E&O to advance the FCU design discussion.

#### APPROVED BUDGET

Construction	\$6,848,056
Soft Costs	\$2,149,127
Project Contingency	\$852,817
Enabling Projects	\$150,000
<b>Total</b>	<b>\$10,000,000</b>

Original Authorization	\$10,000,000
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#### FORECAST

Construction	\$6,744,655
Soft Costs	\$2,445,715
Risk	\$832,325
Enabling Projects	\$150,000
<b>Total</b>	<b>\$10,172,695</b>
Over/Under	-\$172,695

#### SCHEDULE

Approval:	4/22/2014
Design Start:	5/2/2014
Design Complete:	1/13/2015
Construction Start:	11/17/2014
Occupancy/Completion:	12/1/2015