



East Elevation



North Elevation



West Elevation

THE NEW ALBRIGHT COLLEGE SCIENCE CENTER

CONSTRUCTION PROJECT UPDATE

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WE'RE ALL IN!

Despite the fact that Mother Nature seemed to have a better hand in 2010, we called her bluff and managed to occupy Phase 1 of the Science Center for the fall 2010 semester. The project team had it all thrown at them: record snowfall in the winter, persistent rain in the spring, record heat in the summer. These issues, along with some last-minute code directives from the City of Reading, did indeed cause hardships in the schedule. Despite it all, however, classes were held in the new addition, marking

an exciting milestone in this project. All air handlers required for Phase 1 have been operating to heat the new addition, and exhaust and strobic fans that allow for fume hood exhausting are enabling experiments to be conducted in the labs. Phase 1 of the project is wrapping up with testing and balancing of the HVAC system (fume hoods) as well as ongoing tweaks to installed components in the Science Center and the greenhouse.

SPECIAL POINTS OF INTEREST

- Inside the Science Center
- Phase 2
- Central Plant
- Around the Science Center

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West side of the Science Center showing new amphitheater and greenhouse.

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Phase 2 All That It's Cracked Up To Be

Renovation of the existing 1928 and 1965 buildings (Phase 2 of the project) began after the new addition was occupied several months ago. Phase 2 demolition and hazardous material remediation has been completed, as has lead abatement at the Phase 2 windows. This allowed for exterior window painting and window installation. Exterior window painting has been completed, and window installation is about 80 percent complete.

During the demolition phase, significant structural cracks were found throughout the concrete floors in the 1928 building. Exploratory investigations

raised additional structural concerns with regard to the concrete-encased columns and beams beneath the lecture hall and an old elevator shaft. The Design Team provided directives for corrective action in these areas, and repairs are now underway.

Phase 2 coordinated drawings are just about complete and ready for submission to the Design Team for final approval. In the meantime, rough-ins of all mechanical and electrical systems have continued and are currently at 80 percent complete in the 1965 building and 15 percent complete in the 1928 building.

Looking ahead...

Inside the building, testing and balancing of the HVAC system will be completed before classes begin in late January. During the third week of January, the Project Team will work through the Phase 1 punch list process to organize the completion of the first phase of the Science Center project. Phase 2 work will continue as structural remediation activity is completed. Exterior cooling tower piping will be installed to wrap up the Central Plant work.

Central Plant Is Now Operational!

The Central Plant, which consists of the heat plant in Selwyn Hall and the cooling plant in the Campus Center, has been providing heat for a few months now. With the exception of minor pipe work, all mechanical piping and electrical work

has been completed. The remainder of the exterior work associated with final connections, filling, flushing and startup of the cooling towers is expected to be completed within the next few weeks in time for the spring season.

Outside the Science Center

Over the past month or so, the hard surfaces leading up to the Science Center have been completed through the new amphitheater and around the new greenhouse. The amphitheater is just about complete, with only the permanent hand rails still to be installed. Once final grading is completed along the north side of the Science Center, the sidewalk leading

from the greenhouse to Palm Street along the north side of the building will be poured. The City of Reading fire marshal required the installation of a temporary fire lane bordering the south side of the Science Center several months ago. This spring it will be turned into a permanent decorative fire lane.



Photo 1: New greenhouse. Photo 2: Selective Phase 2 demolition and rough-ins. Photo 3: Contractor remediates structural cracks throughout existing floor slabs in Phase 2. Photo 4: Central Plant cooling towers