

## Featured Department - Design and Construction



*David Gulick; Facilities Design and Construction - SECC Redesign!*

Constructing the largest project ever attempted by any University in the PASSHE state System is no easy task! Attempting to recover 4 lost months in a 16-month construction schedule is even more daunting! Due to the stubborn demolition schedule to remove the aged Boiler Plant, the SECC project found itself in just such a situation, that required out-of-the box thinking and intuitive and creative ideas. Enter David Gulick, one of the project managers for the SECC project, who studied the construction plans and quickly determined a redesign to the first-floor plan, that relocated some of the larger mechanical equipment from the ground floor of the building to the exterior service area, where it could function equally as well. But not only that! This redesign also had several beneficial impacts not only on the construction schedule, but the project cost as well. The former mechanical space now could be reutilized as program space- expanding the building program footprint by more than 1,800 sf, that didn't need to be constructed elsewhere on campus! One less ejection pump, shorter steel columns, less deep excavation and footings were part of the larger cost savings achieved as well. David's efforts rejuvenated a project during a critical time on its schedule towards completion and deserves many kudos for his creative thinking!



Is this a Facilities Emergency?



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