

### Project Data

Construction: \$43,000,000  
Size: 120,600 sf

MEP Construction: \$16,200,000  
EUI: 242 kBtu/sf/yr  
ECI: \$5.39 \$/sf/yr

Rebate: \$261,646  
% Better Than Code: 29%  
\$ Saved/year: \$261,646  
\$ Saved / sf / year: \$2.22

### Owner

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### Team

Principal in Charge  
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Consulting Principal  
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Mechanical Engineer  
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This project consists of the construction of a new 120,600 sf laboratory and classroom building, including the construction of new teaching and research laboratories, classrooms and administrative support spaces. The scope of work also includes a greenhouse and the installation of more than twenty environmental rooms.

The mechanical, electrical and telecommunications scope of work includes new infrastructure systems for the building.

The scope of mechanical work includes installation of fire suppression system, HVAC systems including fume hood exhaust with heat recovery, chilled water, heating hot water, steam and condensate piping, laboratory piping systems including deionized water, compressed air, process cooling water and domestic hot and cold water systems.

The scope of electrical work includes the installation of lighting, normal and emergency power and fire alarm systems and an addressable fire alarm system for remainder of the building.

Telecommunications and audio/visual systems for the project were also provided in accordance with University standards. The project includes a new cabling plant for the building.

