

## Project Type

Office

## Size

330,000

## Services Provided

Conceptual design of underfloor HVAC system, energy optimization and analysis, full design of control systems, indoor air quality consulting, LEED documentation, complete control system commissioning, and functional testing.

## Completion Date

2002

## Owner

State of California, State  
Department of Education

## Contractors

General Contractor: Hensel  
Phelps Construction Company  
Mechanical Contractor:  
Critchfield Mechanical Inc.

## References

California DGS: Jim Ogden  
(jim.ogden@dgs.ca.gov); Hensel  
Phelps: Seth Boles  
(sboles@henselphelps.com);  
Fentress Bradburn: Greg Gidez  
(gidez@fentressbradburn.com);  
SMWM: Anthony Bernheim  
(bernheim@smwm.com);  
Critchfield Mechanical: Mark  
Vranicar (markv@cmihvac.com)



The Capital Area East End Project is one of many accomplishments in Taylor Engineering's history of sustainable engineering. This 6-story office building and daycare center exceeded Title 24 by 35% and achieved a Platinum LEED rating.

This center is controlled via built-up underfloor air distribution with perimeter underfloor variable speed heating fan-coils, a 975 ton chilled water plant including variable speed chillers, and a unique primary/distributed secondary pumping system.