



## Discovery Elementary: St. Charles, MO [Home / Discovery Elementary: St. Charles, MO](#)



### PROJECT DESCRIPTION

**Client:** Orchard Farm School District

**Project:** HVAC & Controls Installation

**General Contractor:** Wright Construction (original school)/Wachter Construction (school addition)

**Floor Area:** 68,000 sf

**Construction Schedule:** School Construction (2010) & School Addition (2014)

### PROJECT APPROACH

2010 School Construction: Design/Build

2014 School Addition: Plan/Spec

### ROLE

Engineer of Record (2010 construction)

Installing HVAC Contractor

Installing Controls Contractor

Wiegmann was the Engineer of Record and installing HVAC contractor for this new out-of-the-ground school in St. Charles, Missouri for Orchard Farm School District. In addition to installing the HVAC system, which features a dedicated outdoor air system (DOAS), Wiegmann also installed a Delta Controls Building Automation System.

The 76,803-square-foot facility includes 20 classrooms, flex space for preschool, cafeteria, gymnasium, dual-sided stage and an administration suite.

In 2014, Wiegmann installed HVAC systems for an eight-classroom addition at the school. McClure Engineering was the EOR for the classroom addition project.