



Harris House Intensive Inpatient Treatment Center: St. Charles, MO



PROJECT DESCRIPTION

Client: Harris House Foundation
Project: New Construction Alcohol & Drug Addiction Treatment Center
Floor Area: 53,000 sf
General Contractor: Kadean Construction
Architect: Arcturis
Construction Schedule: October 2019

PROJECT APPROACH

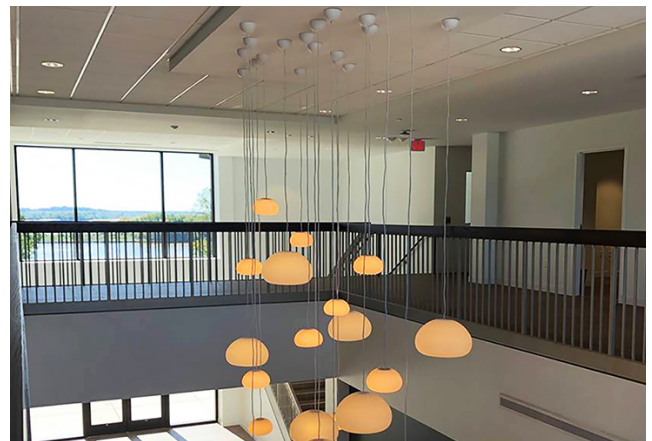
Design/Build

ROLE

Engineer of Record
HVAC Mechanical Contractor

PROJECT SCOPE

The owner's goal was an HVAC system that is capable of operating efficiently 24 hours per day, seven days per week, while also having the capability to serve only portions of the building at times. Wiegmann designed and installed an HVAC solution for the new alcohol and drug addiction treatment center that features an energy-efficient and cost-effective Rooftop Variable Air Volume (VAV) system with rooftop units, energy recovery units, VAV boxes and Fan Terminal Units (FTU). For optimal comfort and efficiency, Wiegmann installed a Delta Controls Building Automation System (BAS) with 79 zones. The system's enteliWEB graphical interface centralizes the building management operation for the client.



**Photos courtesy of Arcturis

CONSERVING ENERGY BY DESIGN

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