



Avalon Park Senior Living: Cottleville, MO



PROJECT DESCRIPTION

Project: Avalon Park Senior Living

Construction Schedule: Completed Fall 2022

PROJECT APPROACH

Design/Build

ROLE

Engineer of Record (EOR)

Installing HVAC Contractor

PROJECT SCOPE

Wiegmann designed and installed the HVAC for the four-story senior living housing complex using RTU's, VTAC's, FCU split systems, and air distribution. Wiegmann's goal was to provide the client with a functional HVAC system that would satisfy the thermal comfort of people living and working in this facility.

PROJECT CHALLENGE

The primary project challenge was designing and selecting a system that would work in the limited ceiling space that was provided. Many different system types were evaluated. Given the space constraints, several fan coil-split systems were ultimately utilized that would still provide individual zone control in the common areas and meet the project goals. i



CONSERVING ENERGY BY DESIGN

Wiegmann Associates • 750 Fountain Lakes Blvd., St. Charles, MO 63301 • www.wiegmannassoc.com • (636) 940-1056