



270 Hennepin: Minneapolis, MN



PROJECT DESCRIPTION

Client: CA Ventures and Harlem Living

Project: 22-story apartment and retail building

Floor Area: 480,000 sf

General Contractor: Weis Builders

Architect: Tushie Montgomery Architects

PROJECT APPROACH

Design/Build

ROLE

Engineer of Record

Installing HVAC Contractor

PROJECT SCOPE

Wiegmann Associates installed an HVAC design solution that met the client's goal of a mechanical system that provides tenants with a comfortable living space while balancing first-cost with energy-saving measures. The system features a central plant with a cooling tower, pumps and boilers, which distribute condenser water to water-source heat pumps to serve the 346 residential apartments, 20,969-square-foot of retail space on the ground level and amenity spaces with optimal comfort and energy efficiency.

PROJECT CHALLENGE

Between using building information modeling and close coordination with the architect, Wiegmann identified acceptable locations for the heating and ventilation equipment that maintains clear height requirements for the two floors of underground parking.



*Rendering Courtesy of Tushie Montgomery Architects

CONSERVING ENERGY BY DESIGN

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