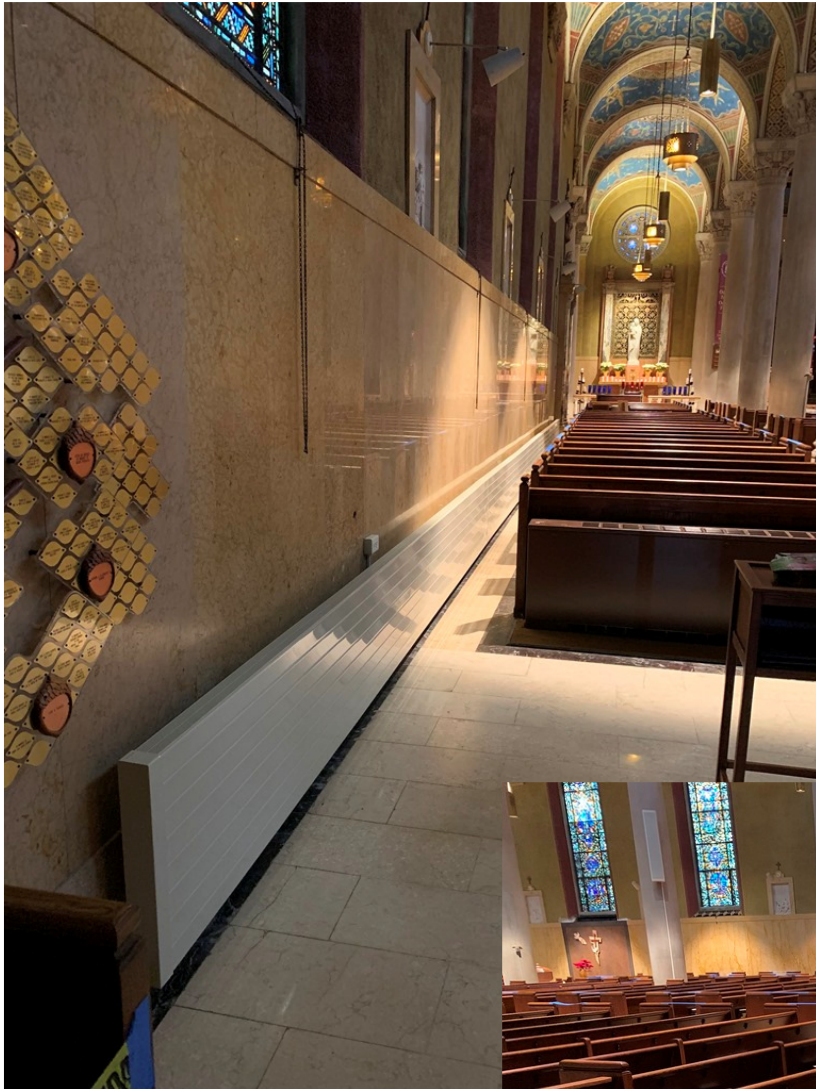


St. Joseph Catholic Church – HVAC Upgrades



We are proud to highlight the heating replacement project recently completed at St. Joseph Catholic Church in Canton OH. This beautiful 1929 vintage church has a nominal footprint of 30,000SF. The original steam boilers once served over 45 radiators. Many of the radiators were concealed within marble walls, and the associated steam and condensate piping was buried within massive concrete wall and floor assemblies. The new hydronic system consists of (2) 1500MBH non-condensing, high efficiency Camus boilers, primary/secondary pumping, Runtal panel radiators, vertical fan coil units and ceiling hung cabinet unit heaters.



A ductless split system and supplemental electric heat was designed for the upper Choir Loft to ensure no hydronic pipe leaks would occur within the elegant, arched ceiling Main Entry that is located directly below the Choir Loft.

Within the Sanctuary long, continuous runs of Runtal radiation nicely complement the marble walls and, most importantly, do not take one's eyes away from the overall beauty of the church. The radiators were specified with a front panel option to protect occupants from touching a potentially hot surface while still allowing the warmth to effectively heat the space. Multiple, independent zones of temperature control were installed, including onsite or remote viewing and adjustment features.

The virtue of patience was evident among the church staff and all the contractors as they faced daily challenges with core drilling thru thick concrete floors and also with excessive lead times for equipment due to the pandemic.



We would love to have you stop by and have a cup of coffee and some conversation in our new lounge area. Feel free to stop by anytime and see our new updated office.

CONTACT US

HEI Engineering Group, Inc.
443 W. Liberty St.
P.O. Box 996
Wooster, Ohio 44691
www.hei-ohio.com

Ph 330-262-0042

Dan Evans, PE, CPD, GPD
Stacey Lloyd, PE
Roger Bowling

Ext 102
Ext 103
Ext 106



Newsletter Editor, Dan Evans evans@hei-ohio.com