



BECKER + BECKER

November 28, 2022

To Whom it May Concern,

Several years ago, I saw the potential to repurpose the vacant Pirelli building into our country's first net zero hotel, now known as the Hotel Marcel. This building has been designed to meet the requirements for LEED Platinum and Passive House certifications to make Hotel Marcel the first Passive House certified hotel in the United States. Eastern Mechanical Services (EMS) was an integral player in coordinating the construction of mechanical as well as the plumbing, electrical and fire protection systems in this historic building. EMS installed Mitsubishi Electric Hyper-heating HVAC equipment and Swegon ERV ventilation systems serving the fresh air and exhaust requirements for the nine floors of this building. In addition, EMS implemented the first QAHV air-to-water heat pump system for commercial scale domestic hot water production in the United States. This heat pump system now known as Heat 2O is capable of efficiently producing all the domestic hot water needs for this 165-room Hilton boutique hotel and conference center. To operate our building, the HVAC and domestic hot water systems are being controlled by an integrated Mitsubishi Diamond Control system.

EMS was selected based on a number of factors unrelated to price, but their price was also competitive. They are a proven leader in the VRF market in Connecticut and they are one out of only a hundred Mitsubishi Electric qualified and certified Diamond Elite Contractors in the USA. This Diamond Elite certification was a great benefit to our project by providing a professional installation and an added two years to our equipment parts and labor warranty. EMS has built a strategic partnership with Mitsubishi Electric which has put them in an enviable position to provide the best HVAC solutions for our needs. They were diligent in working through all of the difficult structural and architectural coordination constraints posed by the historic nature of the Pirelli building. This collaboration resulted in a successful project and we have been in operation since May of this year.

EMS is an industry leader in the VRF market and as a testament to their efforts, I would fully recommend them for cutting edge projects like the Hotel Marcel.

Sincerely,

Bruce R. Becker, FAIA, LEED AP  
President