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## Case Study

### Hyatt House/Hyatt Place

**Crawford Division:**

Commercial HVAC and Welded Fabrication

**Client:**

Hyatt - East Moline, IL

**Challenge:**

Provide complete HVAC package for construction of new hotel.

**Solution:**

Crawford's team of highly skilled estimators, engineers, project managers and installers worked together to complete the project.

**Project Summary:**

Crawford Company partnered with Russell Construction on Hyatt House/Hyatt Place, located at The Bend in East Moline, IL. Crawford was the HVAC contractor on the project, that took approximately 15 months to complete. Hyatt House/Hyatt Place is comprised of nine floors that include 233 hotel rooms, 3 meeting areas and 3 restaurants.

Starting from the top down, the Sky Lounge was furnished with a large roof top unit. It is fully ducted above a hard lid ceiling, and trimmed out with linear diffusers that feed the perimeter, to provide conditioning to the space in and around the large windows.

Throughout the upper corridors and first floor, are two dedicated outdoor air units that provide fresh air to the building. Each suite is outfitted with a Friedrich VTAC unit, and thermostat that conditions the space. All VTAC units have an exterior grill, powder coated to match the exterior section to which it is attached. A Broan bath fan was installed in each suite's bathroom.





On the first floor, Crawford installed a fully functional commercial kitchen hood, dishwasher hood, and make air unit. The installation of the kitchen hood required welded duct to be installed in a shaft, that runs continuously, exiting the roof. The welded duct has clean outs with access doors on every other floor.



The lobby and dining areas are conditioned with highly efficient heat pump systems. Each system has a secondary electric heater mounted in the supply air ducts. The IT rooms are conditioned with ductless mini-splits.

Ductwork for the indoor pool was fabricated from high grade aluminum, and well insulated, to resist years of chlorine exposure and high humidity. Crawford also fabricated large stainless-steel planter box liners.



Throughout this project Crawford HVAC foreman and apprentices experienced adverse weather, from record breaking sub-zero temperatures to extreme heat. Through it all, this project went from slabs of concrete to a hotel, in the blink of an eye.

#### **About Hyatt House/Hyatt Place:**

Hyatt House/Hyatt Place located at The Bend in East Moline, IL, takes advantage of the spectacular Mississippi River and Park views. The building houses two hotels, each with its own distinct wing, Hyatt Place for nightly stays and Hyatt House for extended stays.

