

Project Profile



Mechanical Equipment & Piping



Rooftop Air Handler



Air Cooled Chillers

Project Spotlight

Envigo

Building 7 & 8 Renovations

Denver, PA

Following a preliminary budget estimate and bidding process, James CRAFT & Son was selected to partner with the general contractor and design team to develop the final mechanical scope and configuration for Envigo. Selection was based on our cost estimate, design, and construction capabilities, as well as our understanding of the project requirements.

Our role as a Design Assist partner was to review the system design and equipment selections throughout the design process for constructability and to recommend changes that would enhance the system's performance while maintaining or reducing costs.

Being involved in the early stages of this project afforded us the opportunity to assist in final selection of plumbing and HVAC equipment and to procure long lead time items early to meet the condensed construction schedule. As the building design approached its final stages, our BIM design team created mechanical and plumbing system models, coordinated our work with other trades, and identified areas of concern for the design team to review.

After a final building model was completed and approved, our crews immediately began layout, prefabrication, and installation of the piping, ductwork, and equipment.

Unique Features: Envigo is an animal breeding and holding facility serving the Life Sciences and Pharmaceutical industries and has special environmental control requirements for temperature, humidity, air quality, and safety. We furnished and installed packaged skid mounted hot water and steam boiler systems, air cooled chillers, 100% outside air ventilation units with energy recovery from the building exhaust system, and water treatment systems.

Challenges: This was a fast-paced project which was complicated by the impact of COVID during its early stages causing work restrictions, material delivery delays, and manpower shortages.

Envigo
Denver, Pa.

Scope:

Installation of packaged hot water and steam boiler systems, air cooled chillers, outside air ventilation units, and water treatment systems.

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