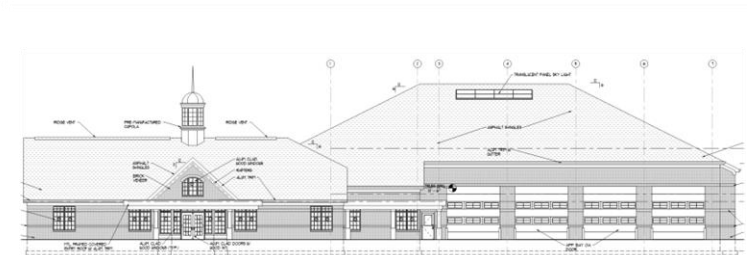
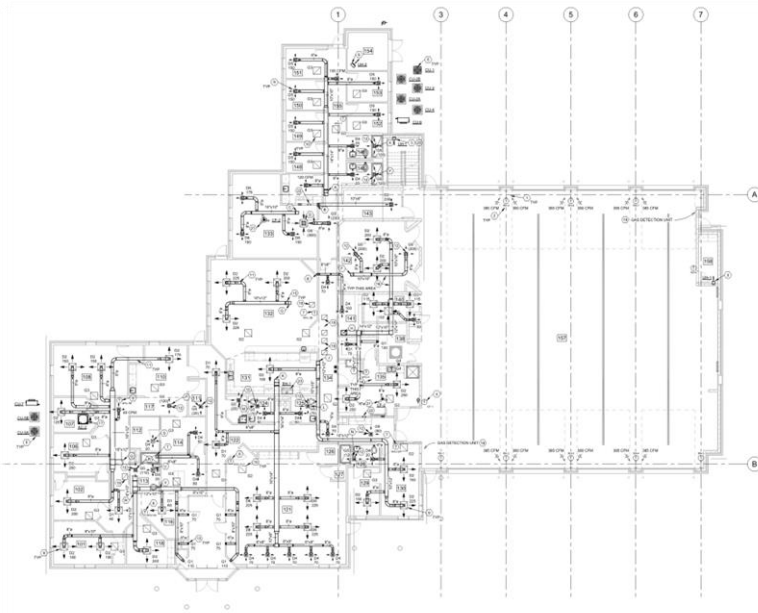


Wayne Township Fire Station No. 2

Waynesville, OH

Construction Completion: Est. 2018
Construction Cost: Est. \$4,900,000
Size: 17,600 SF
Tri-Tech Services: SPME Engineering



Project Description

The trustees of Wayne Township in Warren County, Ohio made the determination to build a new fire station with attached office space for administrative functions and new headquarters. The new fire station will have four truck bays, training spaces for the department, turnout gear room, laundry facilities, day room, physical therapy space, kitchen, and six dormitory rooms for full-time occupancy.

Tri-Tech has been instrumental throughout the design process, from initial space planning discussions with the owner and design team, through final construction documents. With a construction manager involved early in design, Tri-Tech has worked to coordinate scope and building needs while working to manage first costs and owner requirements to maintain the project budget.

Design for the new fire station includes structural engineering for foundations and framing, taking into account seismic requirements for the critical facility and training needs for the department within the open three-story training area adjacent to the apparatus bay.

Mechanical and plumbing design included new kitchen and laundry facilities, air-cooled split system furnaces for the office and administrative areas, and a radiant heating system for the apparatus bay. The electrical design for the building included a 1,000A main service with a 175kW emergency generator with separate transfer switches for life safety and stand-by loads. Lighting systems utilized LED fixtures with occupancy sensor controls in many spaces throughout the building.

This project is currently under design.