

Assurant Specialty Property Bldg. A Kitchen Renovation *Springfield, OH*

Construction Completion: 2015

Construction Cost: \$950,000 (est.)

Size: 6,250 SF

Tri-Tech Services: MEP Engineering
Structural Engineering



Project Description

Assurant Specialty Property wanted to provide improved amenities for their employees. So, Assurant's leaders looked to upgrade their existing commercial kitchen and dining room by expanding the space and purchasing new equipment. The kitchen upgrade would require removing all existing kitchen equipment, along with two grease hoods. The kitchen expansion and upgrade would also mean changes to the building itself.

Tri-Tech identified that an additional 1,600 sq. ft. would need to be added to the building to accommodate the expansion and ensure the requested capacity for a dining area. The expansion design then needed address the building's foundation and infrastructure.

Tri-Tech provided structural engineering for new foundations, the building addition itself, and connection design to the existing building structure. The mechanical-engineering design incorporated replacing existing roof top equipment, kitchen grease hoods, plumbing and sanitary systems, and natural gas connections to new kitchen equipment.

Electrical-engineering design addressed additional distribution needs to power the new kitchen equipment. Tri-Tech also modified the building's existing electrical system, and provided lighting, power, and systems designs.

Tri-Tech worked closely with the architect, owner, and kitchen-equipment provider to coordinate layout and equipment requirements. The design team utilized Revit design software for the project.

Tri-Tech's thorough designs, and attention to budget, enabled Assurant Specialty Property to confidently continue to care for and contribute to their employees' needs.

