

Housing and Food Services Warehouse and Bakery Expansion

University Park, Pa



Building Information

- Occupant Name – Penn State University
- Occupancy Type – Warehouse and Office Space
- Size – 94,000 SF
- Dates of Construction – March 2015 – March 2016
- Approximate Cost – \$13 Million
- Delivery Method – Design Build

Project Team

- Owner – Penn State University
- General Contractor – Kinsley Construction
- Architect – LSC Design Inc.
- Civil Engineer – Sweetland Engineering
- Structural Engineer – Carney Engineering Group
- Mechanical Engineer – Barton Associates
- Food Services – McFarland Kistler & Associates Inc.

Architecture

- 25,000 square-foot freezer space addition
- 20,000 square-foot renovation of ambient storage area
- 5,000 square-foot office space renovations
- Improvements to the baker production area

Structural System

- Substructure – Normal weight concrete (150 pcf)
- Masonry – Concrete Block, Clay Facing Brick, Split Faced Block
- Superstructure – Steel Frame
- Roof Structure – Steel Decking

Mechanical Systems

- Location – Mechanical Room on First Floor
- Roof Top Units – Six VAV Units, Natural Gas
- AHU – Eight Units, Freezer, Cooler, Dry Stock, Offices
- Fire Protection - Early Suppression Fast Response (ESFR) and 75 hp fire pump

Electrical System

- Location – South side of First Floor
- Pad Mounted Utility Transformer
- Main Distribution Panel – 480/277V, 3PH, 4W
- Back Up Power - 2 megawatt emergency generator
- New 3000 amp electrical service

