

Food Science Building



University Park, PA

Architecture / History

- This building will serve as the 4th home of the PSU Creamery dating back to 1889
- Designed to make a visible statement about the importance of the Creamery Processing/Manufacturing Areas
- Organized to allow for exemplary Good Manufacturing Practice (GMPs)



Project Team

- Owner: The Pennsylvania State University
- Architect: IKM Incorporated
- Engineers: H.F. Lenz Co.
- Food Processing: Food Engineering, Inc.
- Construction Manager: Gilbane Building Co.



Structure

- Mini piles and c-i-p grade beams
- Structural steel frame and composite metal decking
- Structural slab in production area
- Precast double tee's in pilot plant

Electrical / Lighting

- Power: 12,470V / 480/277V / 208/120V
- Emergency power from PSU 4160V emergency loop

Mechanical

- VAV AHU's are utilized throughout most of the building
- CVSZ AHU's are utilized in the Production Area

Building Statistics

- Total Building Cost: \$45,060,000
- Total Square Feet: 122,000 sq. ft.
- Future Square Feet: 17,600 sq. ft.
- Delivery Method: Design-Bid-Build
- Construction Schedule: Nov. 2004 - Sept. 2006



Anthony Lucostic - Construction Management

<http://www.arche.psu.edu/thesis/eportfolio/current/portfolios/ajl227/>