

First Capital Design, LLC



York, PA First Capital of the United States

Specializing in Process Engineering and the Design of Food Processing Facilities

About Us:

Headed by Ted Elicker, PE, First Capital Design is a York-based collaboration of architects and engineers (mechanical, material handling, structural and refrigeration) who specialize in the planning, design and implementation of new food processing facilities, including refrigerated and freezer operations

Services Offered Include:

- Analysis of existing facilities & benchmarking of current operational setup
- Establishment of projected Design Year based on volume and item growth factors
- Development of facility layout and storage needs (raw material & finished goods for the Design Year)
- Consultation on existing equipment performance and research into new and/or alternate equipment
- Site searches and selection and infrastructure needs
- Computer simulation, as required
- Concept level design and definition of the entire process in PFD format
- Budget development for both the facility and recommended process system
- Preliminary code review/compliance checks
- Detailed architectural/engineering design for both the facility and process system, including P&ID
- Low temperature & refrigeration systems design
- Project management of subcontractor bidding, award, implementation and commissioning



Confectionary Facility



Horseradish Washing



Caramel Production

Previous Project Designs & Clients Includes:

- Tulkoff Food Products, Baltimore, MD
- DeMets Candy, Elmira, NY
- Perdue Farms, Petersburg, VA
- Barry Callebaut Chocolate, Eddystone, PA
- Lyons & Sons, Inc., Moorestown, NJ
- Blommer Chocolate, East Greenville, PA

Contact First Capital Design for economical engineering assistance for the analysis and planning of your next processing facility, addition or retrofit

First Capital Design Group
25 N Duke Street, Suite 303
York, PA 17401

Office 717.812.0703 Mobile 717.8918682

Email ted@1stCapDesign.com