

DESIGN-BUILD Solutions

ESI specializes in food processing and distribution center design and construction.

WINTER 2015



■ WinCo's new DC has 531,000 square feet of wall insulation, equaling 17.7 football fields.

Planning, Engineering and Construction Solutions for All Markets in the Food Industry

For more than 20 years, ESI Group USA has been offering design-build services to the beverage, grocery, foodservice, food processing and public refrigerated warehouse industries nationwide.

Whether building a Greenfield facility, renovating an existing building or executing a facility expansion, ESI Group offers smart building solutions for all markets, even in tight schedules.

Here's a snapshot of some of ESI's major projects completed this year, and a glimpse of what's ahead for the design-build firm.

Completed 902,000-square-foot distribution center in just 11 months. WinCo

Foods, a grocery store chain based in Boise, Idaho, called on ESI Group to design and construct a large distribution center in Phoenix, Ariz. This new facility raises the bar in terms of setting a new record for completing a facility of this magnitude in less than one calendar year, including permits, design and construction.

The main building occupies 847,545 square feet of the 74-acre site and includes 27,809 square feet of administrative offices, multi-temp central ammonia refrigerated warehouse

freezer and cooler space, banana ripening rooms, cooled (to 78°F) dry warehouse space and refrigerated cross docks. There are 43 rooftop penthouses that provide the cooling with all ammonia piping on the roof. The site also boasts a 15,166-square-foot truck maintenance facility, a 36,203-square-foot cross dock returns building and ancillary buildings for guard offices and a fire protection system pump.

Constructed 500,000-square-foot LEED Gold facility in just 11 months. United

Natural Foods, Inc. (UNFI), a Providence, R.I.-based independent national distributor of natural, organic and specialty foods, turned to ESI Group to construct their portfolio of nationwide distribution centers. The newest Midwest center is located in Sturtevant, Wis., and began in January 2013, allowing UNFI to be fully operational by April 2014.

This LEED Gold-certified Greenfield distribution center sits on 80 acres, and is mostly constructed of insulated metal panels, which »

come **talk** to us!

➤ **Int'l Production & Processing Expo (IPPE)**
January 27-29, 2015
Atlanta, GA | Booth B-5535

➤ **National Grocers Show (NGA)**
February 8-11, 2015
Las Vegas, NV | Booth 904

PRESENTING **Food Automation & Manuf. Conf. (FA&M)**
April 12-15, 2015
Clearwater, FL | Booth 100

➤ **United Fresh**
June 9-11, 2015
Chicago, IL | Booth 1709



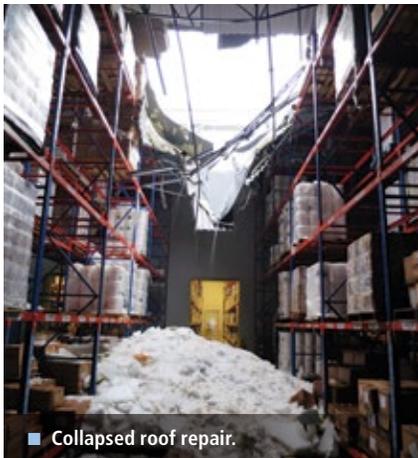
■ UNFI's new DC is LEED Gold certified.



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provide an integral system consisting of vapor barrier metal skin and foam-in-place urethane insulation. In addition, the energy usage system utilizes a cascade refrigeration system with ammonia and CO₂ as refrigerants, which yields the most efficient operating system for UNFI. The facility also features pre-cast concrete walls.

The distribution center features a 35°F and a 28°F cooler, a 36°F perishable dock, a 65°F grain room, a -10°F freezer, a dry storage area and dock, a re-pack area and re-coup dock and a 9,658-square-foot truck maintenance mezzanine to perform light repair, maintenance and fueling for UNFI's truck fleet.



■ Collapsed roof repair.

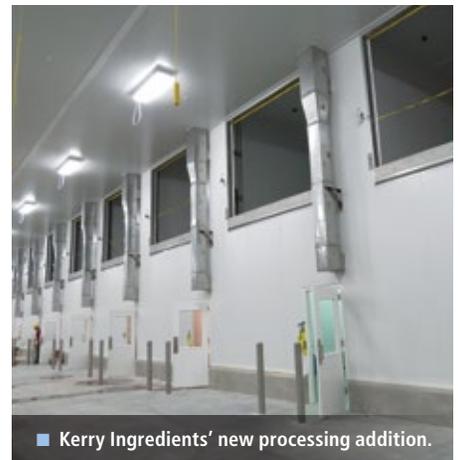
Repaired collapsed roof in just two months. Mother Nature hasn't been too kind to several parts of the United States. High winds, tropical storms and large amounts of snow have caused several cold food processors and distributors to endure enormous repairs and rebuilds. Case in point: one food-service provider called upon ESI Group to repair approximately 11,700 square feet of a collapsed roof over a cooler area.

Crews were mobilized less than 24 hours after the incident, with construction taking place according to an aggressive remediation schedule. ESI Group and subcontractors worked seven days a week, 20 hours a day, to complete the project in just two months.

The scope of work included structural steel repair, rapid roll-up door repair, insulated metal panel walls, storage racking, refrigeration, fire protection, electrical repairs, food disposal and repairs to the roof itself. ESI Group even installed temporary controls to ensure and protect more than \$10 million of frozen food products.

Addition to existing manufacturing plant in just 12 months without disrupting operations. ESI Group designed and constructed a 129,617-square-foot process area and dry storage addition to an existing ingredient development operation in Jackson, Wis.

Kerry Ingredients & Flavours called on ESI Group to complete the \$14 million project in just 12 months. Areas of expansion included production, packaging, receiving storage and dock, support areas and trash room, all while continuing to produce technology-based ingredients and solutions for the food and beverage industries. When completed, storage areas will have racks stacked approximately



■ Kerry Ingredients' new processing addition.

25 feet high in the warehouse.

Regardless of how unrefined your scope, resources and schedules are, ESI Group can offer solutions to make it possible for your project to come to life. ESI Group looks at every experience and lesson learned as an opportunity to benefit existing and future clients. In 2015, they're looking to stretch their legs into additional markets and anticipate it will be a record year for the food and beverage industries.

— **Authored by Michele Loppnow,** Executive Sales and Marketing Manager, for ESI Group USA.

More From 2014

■ **CLOCKWISE:** US Foods rail dock, New Seasons commissary kitchen and Martin-Brower refrigerated cross dock

