Case Study Category: Flexibility

CONNECTICUT FOOD BANK HEADQUARTERS
Research Parkway, Wallingford CT

Concrete Supplier: F&F Concrete, Plantsville, CT
Project Size: 82,000 Sq Ft
Project Cost: $11.5 million
Owner: CT Food Bank
Architect: Claris Construction Inc, Newtown CT (Design/Build)

Tilt-Up Panels Shorten Construction Time

Project Description
The Connecticut Food bank needed more space. Three hundred thousand families across Connecticut count on the services they provide every year. By choosing a concrete floor system and cast-in-place tilt-up walls, not only did they get a safe, secure, energy efficient building, the fast pace of construction allowed them to expand their mission and the communities they serve. Each wall panel consisted of an interior and exterior section separated by foam insulation and a plastic moisture barrier. These panels, approximately 30 feet high, were cast horizontally and then tilted up into place using a crane.

01. Speed and efficiency: The panel erection team tilted-up one panel every 15-30 minutes, which allowed for the entire Connecticut Food Bank facility to be totally enclosed in a matter of a few days.

02. Safe and secure: Because their mission is critical in the lives of so many families in Connecticut, their new facility had to be clean, fire safe, durable and resilient. Their investment in concrete provides all of this and more.

03. Energy matters: The new facility more than doubled the dry storage space and tripled the frozen storage space. Concrete’s thermal mass is contributing to the energy efficiency of this building where climate control is crucial.

Photos courtesy of Claris Construction, Newtown, CT