

CASE STUDY



PROJECT DETAILS

Project Name:

Fishback Creek Business Park Building 1

Location:

Whitestown, IN

General Contractor:

GDI Construction Corporation

Product Manufacturer:

County Materials Corporation

Date:

Summer 2019

Key Products:

Insulated Sandwich Walls

Insulated Sandwich Walls Supplied by County Materials Specified for Indiana's Fastest Growing Community

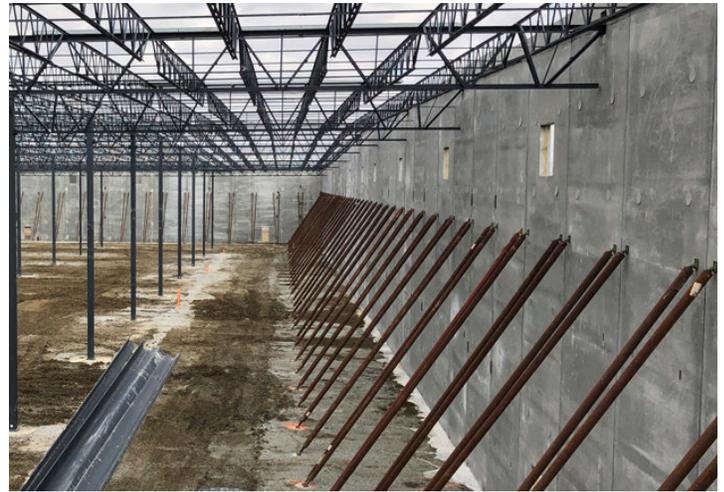
Application: Warehouse Facility

Solutions: Versatility to Work With Other Trades, Increased Speed of Construction

Twenty-two miles northwest of downtown Indianapolis sits a small community with a big reason to brag—in 2019 Whitestown, IN was named the state's fastest growing community for the eighth consecutive year. Driving this growth is the construction of many new warehouses and industrial buildings including Building 1 of the Fishback Creek Business Park. The more than one million sq. ft. warehouse facility is being constructed with 404 Insulated Sandwich Wall panels manufactured by County Materials Corporation.

Building 1 at Fishback Creek Business Park is the largest of four new warehouses being constructed within Whitestown. Other businesses in the area include Cummins Distribution, Brooks Sports Distribution, BCS Recycling, GNC, an Amazon fulfillment center, and County Materials' own state-of-the-art Insulated Sandwich Wall manufacturing facility. Building 1 will be able to accommodate a single or multiple tenant layout depending upon potential tenants' needs. The warehouse is capable of being partitioned into separate areas if required and is expandable to an additional 246,000 sq. ft., because of the versatility of Insulated Sandwich Walls. The first tenants of Building 1 began to move in late summer 2019, less than one year after construction began. The Fishback Creek Business Park is expected to add dozens of new jobs to the quickly growing community.

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Construction began on the Building 1 project shortly after the land was purchased by a California-based development company in October 2018. Insulated Sandwich Walls were specified for this job because they provide installation efficiency, speed of construction, versatility to work with many construction trades, exceptional R-value ratings, and responsive service from County Materials' team every step of the way.

Installation efficiency of Insulated Sandwich Walls was clearly demonstrated. Constructing a one million plus sq. ft. warehouse takes a great deal of coordinated effort—utilizing Insulated Sandwich Walls eases construction because the walls are manufactured off-site in a controlled manufacturing facility and ready for installation as soon as they arrive on site. This allows the project's contractor to prep the site simultaneously as the wall structures are being manufactured. For this project, the erection process for the Insulated Sandwich Walls began in February 2019 and lasted only a short two-and-a-half weeks. An impressive 20-30 wall panels were delivered and erected each day.

Each Insulated Sandwich Wall panel must be strictly engineered to meet the requirements of the many trades working on the project. During construction, County Materials' team maintains constant communication with many trades including the general contractor, flatwork concrete contractor, electrical company, heating and cooling companies, and more.

The warehouse also required many unique panels to fulfill operation and administrative functions including office space, windows, four drive-in bays, and 100 truck docking bays.

The 10-inch thick wall panels installed on this project help the project achieve R-13 insulation values, reducing the overall cost to heat and cool the massive facility. In addition, each panel is produced with embedded plates so the erection crew can immediately brace the walls with support pillars which are bolted to the imbedded plates.

After the erection process was complete, County Materials' crew checked the panels for quality assurance – a practice done with every Insulated Sandwich Wall project supplied by County Materials to verify the panels are not damaged during installation. From the initial concept phase to the completed project, County Materials' team is there for our customers every step of the process.

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