



Engineering
Building Partnerships



Manufacturing

Structural Portfolio

We know that manufacturing facilities have a variety of needs -- from durability to thermal efficiency to column-free walls -- that provide organizations with optimal operational flexibility, and maximum floor utilization. Our designs deliver for each project's unique requirements, and we keep an eye to the future to accommodate new openings, changes in operational needs, and future additions.

LJB Services:

- New construction
- Renovations
- Additions
- Adaptive reuse
- Material handling & crane systems



DAIKIN TEXAS TECHNOLOGY PARK

As structural engineer of record, LJB designed the roof framing, elevated floor and mezzanine framing, tilt-up wall panels and foundations

- 4.1M SF
- Third largest manufacturing facility in the United States
- Location: Waller, TX

NESTLE WATERS BOTTLING PLANT

This manufacturing facility features a roof structure designed to support a large array of hanging loads and conveyor systems.

- 200,000 SF
- Designed for optimal efficiency for Nestle's manufacturing process
- Location: Kingfield, ME

GE CENTER FOR ADDITIVE TECH. ADVANCEMENT

This facility produces 3D metal printing for aircraft changes and serves as an innovation hub for the organization.

- 126,000 SF
- Designed a 20-ton variable volume roof top unit
- Location: Imperial, PA

Manufacturing



American Superconductor

Devens, ME

Size: 350,000 SF

Manufacturing facility with a custom designed roof that supports a material handling system consisting of monorails & bridge cranes.



CCL Label

New Albany, OH

Size: 78,000 SF

Single story manufacturing and office facility



Mando America

Meriwether County, GA

Size: 589,000 SF

State-of-the-art casting facility for a global auto parts supplier

Atlantic Packaging

Elgin, IL

Size: 468,000 SF

Manufacturing facility for corrugated cardboard products.

Balcones Recycling

San Antonio, TX

Size: 136,000 SF

Recycling facility with three large equipment pits.

Brookshire Brothers Meat Plant

Lufkin, TX

Size: 43,600 SF

Meat processing facility and an ice building.

Chart Industries

Theodore, AL

Size: 126,000 SF

Heavy manufacturing plant that includes drilled piers, heavy equipment mats, pits and trenches.

EMJ Metals

Union, MS

Size: 103,900 SF

Manufacturing facility and expansion, supporting bridge and gantry cranes.

GAF Metals Corporation ISO Plant

New Columbia, PA

Size: 428,400 SF

Manufacturing facility with high foundation walls, tank foundations and a 10-foot-wide utility pipe running the length of the primary production area.

Indiana Packers Co

Delphi, IN

Size: 300,000 SF

Temperature controlled, multi-level, multi-operational pork packing plant, processing from slaughter through distribution.

Jost Chemical

Bel-Ridge, MO

Size: 91,000 SF

Chemical manufacturing facility for pharmaceuticals and batteries

Mack Truck Addition

Macungie, PA

Size: 55,000 SF

Assembly plant/manufacturing facility

Mahle Behr

Dayton, OH

Size: 172,000 SF

More than 150 projects performed including: Factory renovation and expansion, demolitions, dock addition, parking lot improvements, foundation design, overhead steel framing and more.

Mars Pet Care Expansion

Ft. Smith, AR

Size: 265,000 SF

Expansion to existing facility that included an office, water treatment plants and a production plant.

Oerlikon Metco

Huntersville, NC

Size: 120,000 SF

3D printed titanium parts for the medical and aviation industry

Resonetics

Kettering, OH

Size: 21,000 SF

Manufacturing facility with an office space and designed for future expansion.