
PARSONS ELECTRIC, INC.

116 TRADE STREET
LEXINGTON, KENTUCKY 40511
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Link Belt Excavators

CUSTOMER EXPERIENCE CENTER
LEXINGTON, KENTUCKY
24,410 sf

PROJECT DESCRIPTION:

Link Belt Excavators (LBX) manufactures hydraulic excavators, scrap/material handlers, demolition equipment and forestry equipment. The new customer experience center will accommodate customer experience programs, including dealer training, product demonstrations and community events.

The facility features conventional steel construction with insulated metal panel exterior walls, and aluminum window framing. The interior consists of a training hall, classrooms, auditorium, private offices, meeting room, conference rooms, large lobby, catering space, coffee bar, IT room, and merchandise space. A separate pavilion building for equipment demonstrations was also part of the project. Parsons provided design/build services for the lighting, power, and fire alarm systems, preparing all construction drawings and providing installation of the electrical systems.

A new 1200 amp, 277/480 volt electric service serves the building. The power distribution system consists of lighting panels, mechanical equipment panels, and receptacle panels.

Lighting consists of energy efficient LED fixtures throughout the facility. Lighting controls were designed to conform to the latest energy conservation code and include ceiling and wall mounted occupancy sensors. Exterior lighting consists of wall mounted fixtures, pole lights for parking lot and driveways, monument sign & flag pole floodlights. Exit and egress lighting to meet the building code requirements were also provided. Parsons provided all lighting system design.

Power consists of general use convenience receptacles throughout the facility, HVAC & plumbing equipment power, coffee bar equipment power, catering room equipment power, flush floor boxes, TV boxes, and IT room UPS power system.

Low voltage systems included fire alarm, access control, IP video, and thermal image detection cameras.