

Focus Project List

Confidential Client 240MW Hyper-Scale Data Center - MEB

Location: Site Agnostic

Role: Project Manager

Value: \$240,000,000 (Multiple Building Project)

Description: Project consisted of a Design/Build partnership with the client team to develop a modular electrical building. Project consisted of 32 12'x42'x12' modules that were assembled to deliver 40MW of electricity to a 2 story hyper-scale data center. Developing the design, management or procurement, construction, and site deployment teams.

Confidential Client 120MW Hyper-Scale Data Center - AWP

Location: Site Agnostic

Role: Preconstruction Manager

Value: \$130,000,000 (Projected)

Description: Project consisted of a Design/Build partnership with the client team to develop an Advanced Work Package construction process for a 2-story data center. Established work packaging guidelines, tracking, scheduling, team interface matrices, and coding parameters.

Confidential Client 120MW Hyper-Scale Data Center

Location: Site Agnostic

Role: Preconstruction Manager

Value: \$150,000,000 (Projected)

Description: Project consisted of a Design/Build partnership with the Client and Engineer of Record team to design a 2-story datacenter deployable anywhere in the world. Medium voltage and 600V power distribution planes were developed. Constructability, estimating, enhanced engineering, prescriptive schedule, and estimation were the teams focus areas.

Confidential Client Hyper-Scale Data Center

Location: Pryor, OK

Role: Preconstruction Manager

Value: \$250,000,000

Description: Project was design/bid/built with strong design assist support for a hyper-scale datacenter. Consisting of four story, 600,000 sq/ft Tier 4, 240MW, medium voltage distribution system supported by (64) 2MW generators. BIM was developed to LOD 400 to support manufacturing. Offsite manufacturing was heavily leveraged to support build schedule.

Little Potato Company

Location: Deforest, WI

Role: Engineering Team Lead

Value: \$300,000

Description: A Design/Build delivery method was used for a single story 100,000 sq/ft manufacturing facility focused cleaning, processing, and packaging potatoes.

Shady Lane Assisted Living

Location: Manitowoc, WI

Role: Engineering Team Lead

Value: \$500,000

Description: A Design/Assist delivery method was used for a single story, CBRF and Skilled Nursing facility. Strong focus on lighting elements to meet FGI requirements while maintaining a residential atmosphere.

Exact Sciences

Location: Madison, WI

Role: Engineering Team Lead

Value: \$5,000,000

Description: Multiple Design/Build projects comprising service upgrades, lab and business support spaces across several buildings. Power quality and USDA requirements were an important focus.

Fiskars Corporate Headquarters

Location: Middleton, WI

Role: Engineering Team Lead

Value: \$650,000

Description: A Design/Build delivery method was used for a two story, 200,000 sq/ft Class A office building with parking garage. Architectural lighting design while driving lighting efficacy to .06w/sq/ft.

Sanimax (Fire Restoration Project)

Location: Madison, WI

Role: Engineering Team Lead

Value: \$900,000

Description: A Design/Build delivery method was used for a restoration of a 14,000 sq/ft used cooking oil recycling facility.

Octopi Brewing Company

Location: Waunakee, WI

Role: Engineering Team Lead

Value: \$115,000

Description: A Design/Build delivery method was used for a 30,000 square foot contract brewery. Coordinated with European brewing and bottling equipment.

University of Wisconsin Eau Claire Centennial Hall

Location: Eau Claire, WI

Role: Designer

Value: \$1,350,000

Description: Lead design of lighting, power and fire alarm systems for a 3 story, 300,000 sq/ft higher education building. Advanced lighting controls with integrated technology learning classrooms. Lighting efficiency of 0.6 w/sq/ft was achieved.

University of Wisconsin Whitewater Drumlin Dining Hall Remodel

Location: Whitewater, WI

Role: Designer

Value: \$750,000

Description: Lead creation of electrical system remodel for higher education dining hall. Complete power distribution upgrade. Lighting was designed to highlight unique food selections.

University of Wisconsin Hospital Fire Alarm Upgrade

Location: Madison, WI

Role: Designer

Value: \$5,000,000

Description: Lead design team of an existing 3 million sq/ft hospital fire alarm upgrade to voice evacuation system with select defend in place areas.

University of Wisconsin Hospital Misc. Project

Location: Madison, WI

Role: Designer

Value: \$10,000,000+

Description: Designed electrical systems for multiple suite remodels consisting of business and hospital occupancies throughout an existing 3 million sq/ft hospital.

Licensure

Wisconsin Licensed
Designer of
Engineering Systems

LaGrange Hospital ER Expansion

Location: La Grange, IL

Role: Designer

Description: Lead design of electrical systems for a remodel and expansion of a ER. Phasing to maintain the existing operational capacity drove complex power cutover strategies.

Roles

Company Founder

Project Manger

Preconstruction
Manager

Engineering Team
Lead

Designer

Stoughton Hospital Cafeteria Renovation

Location: Stoughton, WI

Role: Designer

Description: Designed power and lighting system a renovation and expansion of an existing hospital cafeteria. Existing power systems of multiple vintages were integrated to support the additional power loads.

Crusader Community Health

Location: Rockford, IL

Role: Designer

Description: Designed power and lighting system for a LEED Silver community clinic. Outpatient and dental suites focused on underserved communities.

Education

Herzing University

Marshfield Clinic Misc. Projects

Location: Wausau and Minocqua, WI

Role: Designer

Description: Designed electrical systems for multiple suite remodels consisting of business and outpatient spaces across to multiple buildings facilities. Services were focused on

Certifications

OSHA 10 Hour

CPR/First Aid

Confined Space Entry

Scissors Lift

Aspirus Hospital Operating Room Expansion

Location: Wausau, WI

Role: Designer

Description: Designed electrical systems for the remodel of 4 OR suites and the addition of 8 OR suites. The project required a strategic expansion and renovation of power distribution to support the expansion.

Arc Flash Mitigation
Training

Capitol Heat and Power Plant

Location: Madison, WI

Role: Designer

Description: Designed electrical systems for the renovation of the existing power plant serving the Wisconsin State Capital. Removed co-generation turbine and added (2) paralleled 750KW diesel generators.

**20 Years of
Electrical
Construction and
Design Experience**

eBAY Hyper-Scale Data Center

Location: Salt Lake City, UT

Role: Preconstruction Manager

Value: \$6,000,000

Description: Project was design/bid/built with multiple delegated designs. Consisting of a single story, 150,000 sq/ft, Tier 4, 4MW, 480V distribution supported by 8 2MW generators. The facility located in a high seismic area creating unique and complex bracing challenges.