



Bildworx Design

Engineering Consulting Services

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Certified WBE, SBE, and CBE Firm

Engineering Consultants Serving the Architectural Engineering Industry

MEP Consulting

We offer full Mechanical, Electrical, and Plumbing engineering design services. Our engineers will work closely with you to provide the most cost-effective solution that meets your requirements.

Mechanical Engineering Services

- HVAC Design, Equipment Sizing and Selection
- Energy Efficiency and Consumption Analysis
- Piping Distribution Design
- BMS and Controls
- Humidification/Dehumidification
- Chillers and Cooling Tower
- Carbon Monoxide Detection

Electrical Engineering Services

- Power Design and Studies
- MV and LV Power Distribution
- Emergency Systems Design
- Fire Alarm Systems
- Short Circuit, Arc Flash, and Coordination Studies (ETAP, SKM)
- Grounding and Lightning Protection

Plumbing Engineering Services

- Cold/Hot Water Distribution
- Storm Water Drainage Systems
- Grease Waste System Design
- Natural Gas Piping Systems
- Compressed Air Equipment

Mission Critical
Healthcare Aviation
Commercial
Institutional
Aerospace **Government**

With over 30 years of combined experience, we are committed to providing quality design expertise and customer service.

Specialty Lighting Design

Our LC certified lighting engineers can help design the ideal illumination levels, lighting layering, lighting controls, and color rendering for your space.

- Advanced Lighting Design
- Evaluation of Light Levels, Uniformity, Color Temperatures
- Modeling and Rendering of Lighting Calculations
- Advanced Lighting Controls (DMX, DALI, etc.)
- Energy Code Compliant Design
- Integrated Daylighting Solutions
- Lighting Evaluation Reports
- Light Trespass Calculations

Systems Design

Our engineers are RCDD certified in technology systems and can develop sophisticated security and telecom designs. We constantly pursue the latest in design principles and technologies to best serve our clients.

- Surveillance Systems
- Telecommunication Systems (Phone, Data, VoIP)
- Access Control
- Data Center Infrastructure Design
- Video and Audio Systems
- System Integration