



Bildworx Design

Engineering Consulting Services

Bildworx Design
www.bildworx.com
info@bildworx.com
(954) 933-8246

Capability Statement

Core Competencies in Architectural Engineering

MEP Consulting

Mechanical, Electrical, and Plumbing engineering design services.

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
- Medical Facility Gas Systems
- Natural Gas Piping Systems
- Compressed Air Equipment

Specialty Lighting Design

Specialty design by certified lighting engineers.

- Advanced Lighting Design (Glare Evaluation, Color Spectrum Analysis, etc.)
- 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 (Photometrics, Heat Maps, etc.)
- Light Trespass Calculations

Systems Design

State of the art technology systems design by RCDD certified engineers.

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

Company Data

- NAICS Code: 541330 – Engineering Services
- DUNS #: 116720599
- CAGE Code: 86PG7
- Certifications: SBE, CBE, WBE
- Contact:
Sima Azar
President, Bildworx Design
sima@bildworx.com
(954) 933-8246

Differentiators

- Combination of professional accreditations allows us to provide our clients with a holistic design approach.
 - Professional Engineers (PE)
 - Lighting Certified (LC)
 - Data Center Design Consultant (DCDC)
 - Registered Communications Distribution Designer (RCDD)
 - LEED Accredited Professionals
- Experience in highly technical designs, including aerospace, aviation, and manufacturing.

Past Experience

- Over 15 years of architectural engineering industry experience.
- Over 30 years of combined experience over multiple industries.
- Sample design projects including new construction and renovations:
 - City of Sunrise Civic Center Theater and Art Gallery
 - City of Margate Sports Complex
 - Delray Beach Old School Square Crest Theater and Center for the Arts
 - Broward County Sheriff's Office Public Safety Building
 - City of Boca Raton Water Utility Plant Buildings

At Bildworx Design, we are an experienced group of professionals who keep quality, design, and value at the forefront of everything we do.

We are committed to understanding the goals of our clients to develop the ideal design solutions for their requirements.