JDRM Firm Overview

Firm History

In 1995 JDRM Engineering, Inc. was formed with the merger of principals, staff, and business interests of separate mechanical and electrical consulting engineering firms. Those separate engineering firms had a long history of collaborating on projects and the four founding principals had worked together since 1976.

Many of JDRM Engineering's personnel have over 40 years of experience between JDRM Engineering and previously separate firms. The partners' combined design experience contributes a solid base of knowledge to support a staff organized to furnish complete and quality engineering services in the construction industry.

Construction Types

Airports
- Runway Lighting
- Support Facilities
- Terminals

Commercial
- Data Centers
- Office Buildings
- Restaurants/Dining

Educational
- PK through 12
- Higher Education
- Residence Halls

Healthcare
- Hospitals
- Medical Office Buildings
- Assisted Living & Nursing Care

Industrial
- Manufacturing
- Power Generation
- Warehouses

Institutional
- Fire & Police Stations
- Justice Centers
- Libraries

Retail
- Malls, Plazas
- Supermarkets
- Vanilla Shell Spaces

Religious Structures
- Churches
- Temples
- Fellowship Facilities

Sports Centers
- Athletic Complexes
- Ice Arenas
- YMCA

Contract Costs

JDRM Engineering's Mechanical, Electrical, and Technology construction contracts range from several thousand dollars to thirty-five million dollars.

Professional Qualifications

24 State Registrations

Current Staff
- 47 Employees (22 Engineers)

Professional Engineers
- 11 Licensed Engineers (P.E.)

Fire Alarm Specialist
- 1 NICET Fire Alarm Systems/II

RCDD
- 3 Registered Communications Distribution Designers

Electronic, Safety, & Security
- 1 ESS Designer

Certified Technology Specialist
- 1 CTS Designer

LEED AP
- 4 Leadership in Energy & Environmental Design Accredited Professionals

Lighting Specialist
- 1 Lighting Certified Professional

Electrical Safety Compliance
- 1 NFPA Certified Professional

JDRM Engineering, Inc.

JDRM Firm Overview

Firm Profile

JDRM Engineering, Inc. is a professional Mechanical, Electrical, and Technology Engineering firm serving Architectural Firms, Facility Owners, and Contractors providing comprehensive engineering consulting and design services.

Mechanical Services

Air Conditioning Systems
- Chilled Water
- Direct Expansion (Packaged/Split)
- Geothermal
- Computer/Technology
- Recreational & Pools

Control Systems
- Energy Recovery
- Temperature Control
- Systems Integration

Fire Protection Systems
- Wet & Dry Systems
- Fire Pumps
- Clean Agent/CO2

Heating Systems
- Hot Water Boilers
- Steam Boilers & Accessories
- Industrial Gas Fired Systems
- Radiant Heating
- Geothermal

Plumbing
- Sanitary Piping
- Domestic Water
- Storm
- Medical Gas
- Natural Gas/Fuel Oil

LEED Design Services

Systems Documentation Services

Electrical Services

Fire Alarm Systems
- Voice Notification
- Smoke Monitoring
- Addressable & Networked

Lighting
- Building Accent Illumination
- Interior
- Lighting Simulation
- Parking Lots
- Pedestrian Walkways
- Sporting Venues
- Theatrical

Lighting Control
- Relay Systems
- Networked Control
- Occupancy Sensors
- Daylight Harvesting
- Dimming Systems

Electrical Safety Services
- Arc Flash Hazard Analysis
- Electrical Safe Work Practices
    Training Programs
    Written Program

Power Distribution
- Emergency Generation
- Cogeneration
- LV & MV Distribution
- Protective Device Coordination
- Short Circuit Studies
- Substation Design
- Alternative Energy:
    Wind, Solar, Microturbine

LEED Design Services

Systems Documentation Services

Technology Services

Communications
- Broadband Video
- CATV
- Distributed Antenna Systems
- LAN/WAN Design
- Telephone (VoIP/PBX)
- Wireless Networking
- Structured Cabling
    UTP, Coax, Fiber
- Emergency Responder
    Radio Coverage Testing

Healthcare Systems
- Infant Protection
- Medical Telemetry
- Nurse Call
- Patient Monitoring

Security
- Access Control
- Intrusion Detection
- Surveillance (IP/CCTV)

Audio/Video Systems
- Background Music
- Intercoms
- Noise Masking
- Paging
- Telephone & Video Conference
- Video Projection
- Flat Panel Displays

Systems Documentation Services

JDRM Engineering, Inc.