

José J. Rivera, PE, LEED™ AP

Senior EE / Cx / Inspector

Energetic engineer with over twenty years of experience in buildings and infrastructure engineering. Particular strengths in electrical power, lighting, fire alarm, security and telecom systems.

Enthusiast of energy-efficiency design practices with focus on renewable energy, alternative liquid fuels and the reduction of carbon emissions.

Have performed many technical reviews of construction documents, building and site surveys, inspections, electrical infrastructure evaluations and systems (LEED) commissioning.

Breadth of project experience in city infrastructure, High and Medium Voltage substations, municipal, aviation, education, healthcare, commercial, industrial and residential facilities.

Worked in Saudi Arabia as an advocate to the kingdom during construction and commissioning of electrical (HV/MV) industrial infrastructure.

Successful and fulfilling career with international reach based on work ethics, integrity, team-work and reliability.

Computer literate with strong AutoCAD knowledge and experience.

Bilingual, English and Spanish.

Capabilities

Electrical Engineering, Commissioning
Leadership, Resident Engineering
Project Management, CADD, Supervision
Inspections, Quality Assurance, Safety
Sustainability Consulting, Business Development

Education

BS, Electrical Engineering (*magna cum laude*), University of Puerto Rico (USA), 1991
Business Marketing Certificate
Collin Co Community College, Texas (USA), 2004

Registrations / Certification

Have been registered as PE in the following US States: AL, AR, AZ, GA, KS, LA, NM, OK, TN, TX, VA and PR
Saudi Council of Engineers
LEED™ (Leadership in Energy & Environmental Design) Accredited Professional, US Green Building Council, 2008

International Inspection/Cx Projects

Substations and Infrastructure

- Electrical Substations 10J and 101 at Light Industrial Park, Yanbu KSA
- Electrical Substation 42 at King Fahad Sea Port
- Construction of Roads and Infrastructure in Haii Mehan
- Construction of Roads and Infrastructure in the LIP Expansion area
- Construction of Roads and Infrastructure in the LIP C1, C1A areas
- Construction of Roads and Infrastructure in the LIP C4 to C6 areas

Other Projects, in USA

Higher Education Facilities

- Six Mechanical-Electrical Replacement Projects for Dallas County Community College District, Dallas County, TX – Construction Manager
- McDermott Library Renovation at UT Dallas, Richardson, TX – Project Electrical Engineer
- Engineering and Research Building at UT Dallas, Richardson, TX – Project Electrical Engineer
- Central Energy Plant Upgrades at UT Dallas, Richardson, TX – Project Electrical Engineer
- Gymnasium Addition at Austin College, Sherman, TX – Project Electrical Engineer

Research and Laboratories

- Engineering and Research Building at UT Dallas, Richardson, TX – Project Electrical Engineer
- Clean Rooms Conversion at UT Dallas, Richardson, TX – Project Electrical Engineer

K-12 Education

- New Middle School, Dallas, TX – Principal in Charge of MEP and IT Engineering/ Lead Electrical Engineer
- Bowman Middle School Gym Addition, Plano, TX – Project Electrical Engineer
- New Singley Academy, Irving, TX – Project Electrical Engineer

- MacArthur High School Gym Addition and Expansion, Irving, TX – Project Electrical Engineer
- Thomas Haley Elementary School Renovation, Irving, TX – Project Electrical Engineer
- John Haley Elementary School Renovation, Irving, TX – Project Electrical Engineer
- Keyes Elementary School Renovation, Irving, TX – Project Electrical Engineer

Energy

- Wind Turbine at a Dallas County Community College District's College Campus, Dallas County, TX – Project Manager/Electrical Engineer
- Four Energy Efficiency Improvement Projects, Barksdale AFB, LA – Project Manager/Electrical Engineer

LEED Commissioning

- University of North Texas Stadium, Denton, TX – Commissioning Agent
- University of North Texas 3-100KW Wind Turbines, Denton, TX – Commissioning Agent
- City of Dallas Fire Station #37, Dallas, TX – Project Manager/ Commissioning Agent
- University of North Texas College of Law, Dallas, TX – Commissioning Agent

Healthcare

- UT Southwestern Medical Center, Dallas TX - Project Electrical Engineer
- UT Southwestern Medical Center, Dallas TX - Project Electrical Engineer
- UT Southwestern Medical Center, Dallas TX - Project Electrical Engineer
- Apria Healthcare at Albuquerque, NM and Oklahoma City, OK - Lead Electrical Engineer
- Methodist Healthcare System, Dallas - Lead Electrical Engineer
- Children's Medical Center Emergency Power Gap Study, Dallas, TX – Project Manager/Electrical Engineer
- HCA Surgery Center, Oklahoma City, OK – Lead Electrical Engineer
- HCA Surgery Center, Henrico, VA – Lead Electrical Engineer
- Van Matre Hospital Expansion, Rockford, IL - Lead Electrical Engineer
- Guthrie Ambulatory Healthcare Facility, Fort Drum, NY - Lead Electrical Engineer

- Memorial Medical Center, Livingston, TX – Lead Electrical Engineer
- Hillcrest Baptist Medical Center, Waco TX - Project Electrical Engineer
- Baylor Regional Medical Center, Plano TX – Project Electrical Engineer
- Trinity Medical Center , Carrollton, TX - Project Electrical Engineer
- The Patient’s Comprehensive Cancer Center, Carrollton TX - Project Electrical Engineer

Streets, Parking and Garages

- Life Covenant Church Parking lot, Keller TX - Project Electrical Engineer
- Keller Parkway and Town Center Lane Pedestrian Lighting - City of Keller - Project Electrical Engineer
- Audelia Road and Walnut Hill Lane Pedestrian Lighting – Dallas, TX - Project Electrical Engineer
- Life Church Parking Lot Lighting – Allen, TX - - Project Electrical Engineer
- Baylor Regional Medical Center Parking Garage – Plano, TX - Project Electrical Engineer

Aviation

- QC Review for a DFW Airport Runway Lighting Renovation

Residential

- Privatized Lodging at Multiple Army Bases, United States – Lead Electrical Engineer
- Stoney Brook Assisted Living Facilities, Multiple Locations, TX – Lead Electrical Engineer
- Glendale Enterprise Lofts, Glendale, AZ – Lead Electrical Engineer
- New Candlewood Hotel, Ft. Sam Houston, San Antonio, TX – Lead Electrical Engineer

Industrial

- Bridges & Roads Site Concrete Pre-fab Nave – Lead Electrical Engineer
- Bodycote Heat Treatment relocation - Lead Electrical Engineer
- Texas Instruments –Site Medium Voltage UG Distribution changes
- And more...

Michael Smith, PE, LEED™ AP

Senior ME / Cx / Inspector

Professional Summary

Michael Smith has over 20 years of experience as mechanical engineer, project manager, designer and engineering assistant on projects ranging from manufacturing and industrial projects to analyses and design services for municipalities, medical facilities, restaurants, judicial facilities, laboratories, universities, higher education and elementary schools.

After graduation in 1994, Michael worked for a mechanical contractor as a project manager for plan and specification projects, and mechanical designer for design/build projects, which gives valuable practical experience in the building industry. In 2003, Michael created MD Engineering to provide Mechanical, Electrical, and Plumbing (MEP) design services to architects and public and private sector clients.

Project Responsibilities: As Principal-in-Charge and Project Mechanical Engineer, Michael Smith has responsibility for all business facets of projects as well as the design, supervision, and inspection of the mechanical engineering projects. Mr. Smith's project responsibilities have included the supervision or hands-on design of HVAC and plumbing systems, including HVAC, plumbing, mechanical piping, and process piping. As liaison among team members, he has coordinated designs with members of the fire protection, electrical, architectural, civil and structural design teams. Mr. Smith's work is performed in accordance with applicable portions of American Society of Heating Refrigeration and Air Conditioning Engineers (ASHRAE) standards and guidelines; American Society of Mechanical Engineers (ASME) Codes; state and local fire codes; the Americans with Disabilities Act (ADA); Texas Accessibility Standards; International and Uniform Mechanical Code; International and Uniform Plumbing Code; International and Uniform Gas Code; and local codes and standards.

Education

Bachelor of Science Mechanical Engineering, Mississippi State University - 1994

Registrations

Registered Professional Engineer - Texas, Alabama, Arkansas, Arizona, Florida, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Missouri, Nebraska, New Jersey, New Mexico, Oklahoma, South Carolina, South Dakota, Utah, Virginia, and Washington.

NCEES Record Holder

LEED® Accredited Professional

Professional Affiliations

National Council of Examiners for Engineering and Surveying (NCEES)
Member, American Society of Heating, Refrigeration & Air Conditioning Engineers (ASHRAE)
Member, American Society of Mechanical Engineers (ASME)
Member, National Fire Protection Association (NFPA)
American Council of Engineering Companies (ACEC)

Community Affiliations

First United Methodist Church Plano – Welcoming Committee
Theta Tau - Kappa Beta (MSU) Housing Corporation
PSA – Youth Soccer Coach

Representative Projects

Correctional/Judicial

- Cedar Hill Government Center – Cedar Hill, Texas
- Hood County Jail Expansion – Granbury, Texas
- Harrison County Jail Addition – Marshall, Texas
- Brazos County Sheriff’s Office – Bryan, Texas
- Leander City Hall Renovation – Leander, Texas
- Leander Police Headquarters Renovation – Leander, Texas
- Missouri City EOC and Municipal Courts – Missouri City, Texas
- Collin County Adult Detention Center - McKinney, Texas
- Collin County Juvenile Detention Center - McKinney, Texas
- Bell County Justice Center - Belton, Texas
- Hickory Creek Town Hall and Police Facility, Hickory Creek, Texas
- City of Bedford Law Enforcement Center, Bedford, Texas.
- TYC - Gainesville State School, Gainesville, Texas
- TYC – Sheffield State School, Sheffield, Texas
- Jack D. Evans Police Headquarters (LEED Certified), Dallas, Texas



- Monroe Chancery Court Renovation, Aberdeen, Mississippi.
- Monroe County Justice Court Renovation, Aberdeen, Mississippi.
- Comanche County Renovation, Lawton, Oklahoma

Fire Stations

- Little Elm Fire Station No. 2 – Little Elm, Texas
- Williamson County E.S.D. #3 – Hutto, Texas
- Longview Fire Station 3 and 4 Renovation – Longview, Texas
- Converse Fire Station No. 2 – Converse, Texas
- Carrollton Fire Department Renovations – Carrollton, Texas
- Highland Park Town Hall Fire Station Addition and Renovation – Highland Park Texas.
- City of Dallas Fire Station No. 39 – Dallas, Texas

Educational (University & K-12)

- Texas Southern University - Gray Hall School of Pharmacy Addition and Renovations, Houston, Texas.
- University of Texas at Tyler – Student Health & Kinesiology Building, Tyler, Texas
- Student Center Annex and Renovation, University of Texas at Dallas – Richardson Campus, Richardson, Texas
- DISD 2002 Bond Program – 10 Schools with differing levels of renovation, Dallas, Texas.
- DISD Sports Complex - Dallas, Texas
- MSU Greenhouses, Mississippi State University, Mississippi State, Mississippi.
 - Hastings Hall Renovation, Mississippi University for Women, Columbus, Mississippi
- UNT – Administration Building, 3rd Floor Renovation, Denton, Texas.
- MSU Scales Support, Mississippi State University, Mississippi State, Mississippi.



- Gentry High School Renovation, Indianola, Mississippi
- Houston High School Addition and Renovation, Houston, Mississippi.
- Houston Lower Elementary School, Houston, Mississippi
- West Lowndes High School, Columbus, Mississippi
- Ingomar School Addition, Ingomar, Mississippi.
- Myrtle School Addition, Myrtle, Mississippi
- Tremont Elementary Addition, Tremont, Mississippi
- Dorsey Classroom Addition, Dorsey, Mississippi
 - Mantachie High School Addition, Mantachie, Mississippi
 - Fulton Elementary School, Fulton, Mississippi
- Houlka Tech Prep, Houlka, Mississippi
- Jumpertown Classroom Addition – Jumpertown, Mississippi
- Thrasher School Addition, Thrasher, Mississippi
- Wheeler School Addition, Wheeler, Mississippi

Industrial / Manufacturing

- Blazon Tube, West Point, Mississippi.
- KSQ Blowmoulding, West Point, Mississippi
- Wells Lamont Plant #23 Air Washer System, Philadelphia, Mississippi.
- Bellsouth – Corinth HVAC Equipment Renovation, Corinth, Mississippi
- Sylvestors Manufacturing, Louisville, Mississippi
- American Nonwovens, Columbus, Mississippi
- DART - Ways, Structures, Amenities Annex Area 2002, Dallas, Texas
- DART – 312 Peak Street Building Upgrades 2002, Dallas, Texas.

Medical

- University of Texas Health Center at Tyler – Health Clinic, Tyler Texas
- Oktibehha County Hospital Surgery Room Air Handling Room Sequence Of Operation - Starkville, Mississippi
- Oktibehha County Hospital Wellness Center, Starkville, Mississippi
- Brandon Clinic, Starkville, Mississippi
- Rush Hospital Energy Analysis, Meridian, Mississippi
- City of Dallas Fire Station No. 39 , Dallas, Texas
 - Columbus Fire Station, Columbus, Mississippi

Offices (Corporate)

- USMC Tenant Finish out – Ft. Worth, Texas
- Girls Scouts Headquarters - Lonestar Council, Austin, Texas
- City Hall HVAC Analysis, City of Dallas, Texas.
- Dallas City Hall – L-1 Finish-Out, Dallas, Texas
- Meridian City Hall Energy Analysis, Meridian, Mississippi.
- Dallas Water Utilities Administration Building Renovation, Dallas, Texas

Recreational / Entertainment

- Waxahachie Civic Center Energy Analysis and Improvements, Waxahachie, Texas
- Dallas Convention Ctr. Theater/Chilled Water Interconnection Dallas, Texas

Retail

- Bulldog Deli , Starkville, Mississippi
- The Peppers Deli, Columbus, Mississippi

Ecclesiastical

- First Methodist Church Aberdeen - Aberdeen, Mississippi
- Zion gate M.B. Church - Columbus, Mississippi

© CONTACT FOR AUTHORIZED COPY

Igor Abadzic

Senior Electronic Security Designer / Cx / Inspector

Professional Summary

Igor's current responsibilities include daily management of Latta Tech, serving as lead designer on projects and providing oversight and training of technical support staff, as well as working with other team members on engineering of all projects and managing the work flow, scheduling and technology applications. His designs include multiple technologies for numerous types of security systems. He is recognized for his broad technical expertise, and ability to implement responsive designs. His knowledge of product and processes play a key role in the design and construction of these systems. His relationship and familiarity with security systems integrators serves to foster better means and methods to implement systems, installation, service and maintenance in order to assure the client of high quality installation and service after the sale.

Education

University of Sarajevo, Sarajevo, Bosnia & Herzegovina
Bachelor of Science, Electrical Engineering, 1990

Years of Experience

Igor has over 18 years of experience in the Electronic Security field with Latta Tech and has been responsible for the design of systems for numerous criminal justice facilities.

Professional Certifications

CSNA, Part I (Cisco Networks Certification), 2012, BOSCH Networks Bases Certification, 2011, PELCO Network Bases Certification, 2011, Sensor Security, Outdoor Perimeter Security Certification, 2001, Programmable Logic Controllers – Certificate of Training 2001

Representative Projects

- Prince William County Regional Adult Detention Center Expansion
Manassas, VA
- Prince William County Regional Adult Detention Center Renovation
Manassas, VA
- Bexar County Jail, San Antonio Texas
- Collin County Jail Expansion and Renovation McKinney, TX

- Clark County Detention Center Control Room Upgrade Las Vegas, Nevada
- Douglas County Justice Center Expansion and Renovation Castle Rock, Colorado
- El Paso County Jail Expansion and Renovation Colorado Springs, Colorado
- Green County Jail Expansion and Renovation Paragould, AR
- Johnson County Detention Center Expansion and Renovation Olathe, Kansas
- Lancaster County Jail Lincoln, Nebraska
- Mecklenburg County Jail Central Charlotte, North Carolina
- Mecklenburg County Jail North Charlotte, North Carolina
- Salt Lake County Jail Salt Lake, Utah
- Tarrant County Correction Center Renovation and Expansion Fort Worth, TX
- United States Federal Courthouse Cedar Rapids, IA
- United States Federal Courthouse Seattle, WA
- United States Bankruptcy Courthouse Little Rock, AR
- United States Federal Courthouse San Antonio, TX
- Collin County Courthouse Addition McKinney, TX
- Collin County Justice Center McKinney, TX
- © ■ Fort Bend County Courthouse Richmond, TX
- Harris County Criminal Justice Center Houston, TX
- 1910 Harris County Courthouse Houston, TX
- Norfolk Consolidated Courts Norfolk, VA

- Tarrant County Family Courthouse Fort Worth, TX
- Travis County Civil and Family Courthouse Austin, TX
- Wake County Justice Center Raleigh, NC

© CONTACT FOR AUTHORIZED COPY