



ELECTRICAL DESIGN SOLUTIONS

RAUL ENRIQUE VALDES

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EDUCATION	University Of New Orleans <i>Master's in Business Administration, Finance Concentration</i>	New Orleans, LA <i>May 2012</i>
	LeTourneau University <i>Bachelor's of Science, Engineering w/ Electrical Concentration</i>	Longview, TX <i>May 2004</i>

POSITION *President*

CERTIFICATIONS, SKILLS, & PUBLICATIONS

Registered Professional Electrical Engineer – LA, AL, FL, OK, TX, MS
 NCQLP – LC USGBC – LEED AP BD+C ASQ - Certified Six Sigma Green Belt

Member – Illuminating Engineering Society
 Hospitality Facilities Committee, Security Lighting Committee, and Light Sources Committee

"Flexible, sustainable, electrical systems", Consulting-Specifying Engineer, CFE Media, November 2014.

"Guide for Security Lighting for People, Property, and Critical Infrastructure", IES G-1-16.
 Advisory Member

"Technical Memorandum on Light Emitting Diode (LED) Sources and Systems", IES TM-16-17.
 Advisory Member

PROJECT EXPERIENCE **Aviation**

*** New Orleans Airport – North Terminal** **New Orleans, LA**

- \$600M CC - New Terminal and Concourses
- Electrical Engineer of Record

Commercial

658 Lesson Ct. **Harvey, LA**

- 12,000 sq. ft. Build-out warehouse/office spaces.
- Electrical Engineer of Record

Lanco Construction Company **LaPlace, LA**

- New 18,500 sq. ft. construction of administrative and warehouse building.
- Electrical Engineer of Record

Young Williams – Call Center **Various**

- New 30,000 sq. ft. tenant build-out
- Locations in Bossier City and Baton Rouge
- Electrical Engineer of Record

Stone Interior and Creative Graphics **Kenner, LA**

- New 20,000 sq. ft. warehouse facilities with offices
- Project Manager



Dance Studio Retail Center	Gretna, LA
<ul style="list-style-type: none"> • Electrical Engineer of Record 	
Bailis Drive Warehouses	Baton Rouge, LA
<ul style="list-style-type: none"> • New Warehouse facilities with offices • Electrical Engineer of Record 	
Washington Ave. Retail Center	New Orleans, LA
<ul style="list-style-type: none"> • New Multi-tenant Retail Center • Electrical Engineer of Record 	
Medical Office / Pharmacy Retail Center	New Orleans, LA
<ul style="list-style-type: none"> • Renovated Multi-tenant Retail Center • Electrical Engineer of Record 	
Gulf South Vet Dental Clinic	New Orleans, LA
<ul style="list-style-type: none"> • Tenant Build Out for Vet Clinic • Electrical Project Manager 	
School of Rock	Metairie, LA
<ul style="list-style-type: none"> • Tenant Build Out for School of Music • Electrical Engineer of Record 	
<u>Healthcare</u>	
Louisiana Dental Center	Various
<ul style="list-style-type: none"> • New Construction of Dental Center • Various locations including Addis, Kenner, and Baton Rouge • Electrical Engineer of Record 	
Express Care Clinic	Baton Rouge, LA
<ul style="list-style-type: none"> • Renovation of Baton Rouge General Urgent Care • 1500 sq. ft. space with labs and offices • Electrical Engineer of Record 	
Allergy Doctor Office	Covington, LA
<ul style="list-style-type: none"> • 4000 sq. ft. space with labs and offices • Electrical Engineer of Record 	
Express Care Clinic	Baton Rouge, LA
<ul style="list-style-type: none"> • Renovation of Baton Rouge General Urgent Care • 1500 sq. ft. space with labs and offices • Electrical Engineer of Record 	
502 Leontine Hearing Doctor Offices	New Orleans, LA
<ul style="list-style-type: none"> • Renovation of retail space into doctor offices. • 1500 sq. ft. space with labs and offices • Electrical Engineer of Record 	
Tulane Lakeside Pediatric Clinic	Metairie, LA
<ul style="list-style-type: none"> • Renovation of hospital space into new pediatrician office. • 2000 sq. ft. space with labs and offices • Electrical Engineer of Record 	



Banking

JFCU Renovations

- Renovations to existing 3-story building and Tenant TI
- Electrical Engineer of Record

Metairie, LA

CSE Federal Credit Union

- New construction of 3,000 sq. ft. bank branch.
- Project Manager

Jennings, LA

EFCU Perkins Road

- New construction of 3,000 sq. ft. bank branch.
- Project Manager

Baton Rouge, LA

First Pioneers Federal Credit Union

- New construction of 3,000 sq. ft. bank branch.
- Project Manager

New Iberia, LA

KFCU Sterlington

- New construction of 14,000 sq. ft., two story bank branch.
- Electrical Engineer of Record

Sterlington, LA

Educational

Delgado Community College River City Campus

- \$20M CC – Community College and Advanced Manufacturing Center
- Electrical Engineer of Record

Avondale, LA

University of New Orleans – Elevator Modernization

- Replacement of existing bank of elevators in engineering building
- Electrical Engineer of Record

New Orleans, LA

Discovery School Temporary Buildings (2017)

- New Service for temporary buildings for school.
- Electrical Engineer of Record

Kenner, LA

Spears Learning Center

- New center for children's therapy and education
- Electrical Engineer of Record

Metairie, LA

***St. Ann Church and School Renovations and Additions**

- Renovation to Church lighting and addition of Pre-K classrooms to school
- Lead electrical designer

Metairie, LA

***Hynes and Lake Forest Elementary Schools**

- \$25M CC - Pre-K – 8th School with Gymnasium and Library
- Lead electrical designer

New Orleans, LA

***Academy of Our Lady School**

- \$20M CC - Pre-K – 12th School with Library
- Lead electrical designer

Marrero, LA

***Loyola University - Monroe Hall**

- \$75M CC - Renovation and Addition to Campus Building
- Lead electrical designer

New Orleans, LA



<p>*River Parishes Community College – Addition</p> <ul style="list-style-type: none"> • \$15M CC - Renovation and Addition to Campus Building • Electrical Engineer of Record 	Gonzales, LA
<p>Brownfields Elementary School</p> <ul style="list-style-type: none"> • \$15M CC - Pre-K – 6th School with Library • Electrical Engineer and Lighting Design 	East Baton Rouge, LA
<p>Acton Academy School</p> <ul style="list-style-type: none"> • \$2M CC - Pre-K – 6th School with Library • Electrical Engineer and Lighting Design 	Lake Charles, LA
<u>Faith</u>	
<p>St. Andrew Church Renovation</p> <ul style="list-style-type: none"> • Addition of Entry to existing church • Project Manager 	Gretna, LA
<p>St. Francis Episcopal Church</p> <ul style="list-style-type: none"> • New construction of church • Electrical Engineer of Record 	Denham Springs, LA
<p>Journy Church</p> <ul style="list-style-type: none"> • Renovation of 9200 sq. ft existing church and new construction of 75000 sq. ft. parking lot. • Electrical Engineer of Record. 	Denham Springs, LA
<u>Government and Municipal</u>	
<p>State Army Reserve – Camp Beauregard Storage Facility</p> <ul style="list-style-type: none"> • \$500k CC - Renovation to Facility for Storage • Electrical Engineer of Record 	Ball, LA
<p>State Army Reserve - Team Ready Bay Facility</p> <ul style="list-style-type: none"> • \$1M CC - Facility for maintenance of emergency preparedness vehicles • Electrical Engineer of Record 	Carville, LA
<p>State Army Reserve Camp Cook Storage Building</p> <ul style="list-style-type: none"> • \$500k CC - Renovation to Facility for Storage • Electrical Engineer of Record 	Ball, LA
<p>* White Castle Roadway Lighting</p> <ul style="list-style-type: none"> • \$300K CC - Roadway Lighting Design per DoTD • Electrical Engineer of Record, Prime Consultant 	White Castle, LA
<p>* White Castle – Bowie Street Lighting Repairs</p> <ul style="list-style-type: none"> • \$600K CC - Renovation to City Council Chamber Lighting • Electrical Engineer of Record, Prime Consultant 	White Castle, LA
<p>* City Council Lighting</p> <ul style="list-style-type: none"> • \$600K CC - Renovation to City Council Chamber Lighting • Electrical Engineer of Record, Prime Consultant 	New Orleans, LA
<p>* New Orleans Municipal Yacht Harbor</p> <ul style="list-style-type: none"> • \$20M CC - New floating doc system with power distribution for boats • Electrical Engineer of Record 	New Orleans, LA



<p>* East Mesa Detention Facility Expansion</p> <ul style="list-style-type: none"> • New Construction for a low security detention facility • Project Engineer 	San Diego, CA
<p>* Belmont Volunteer Fire Department Generator Installation</p> <ul style="list-style-type: none"> • New Construction for a low security detention facility • Electrical Engineer of Record 	Paulina, LA
<p>* St. Bernard Sheriff's Office Police Substation #39 & #47</p> <ul style="list-style-type: none"> • New Construction of police substation • Electrical Engineer of Record 	Chalmette, LA
<p>* Val Reiss Multi-purpose Building</p> <ul style="list-style-type: none"> • \$9.5M Exhibit Hall with government offices. • Lead Electrical Designer 	Chalmette, LA
<p>* Mel Ott Multi-purpose Building</p> <ul style="list-style-type: none"> • \$9.5M Indoor Basketball and Meeting Room Building. • Lead Electrical Designer 	Gretna, LA
<p>* Ascension Parish Sewer Program improvements</p> <ul style="list-style-type: none"> • Various pump stations • Electrical Designer/Project Manager 	Ascension, LA
<p>* LA-1 Section Improvements to Roadway Lighting - DoTD</p> <ul style="list-style-type: none"> • Roadway Lighting Design • Electrical Designer/Project Manager 	Leeville, LA
<p>* Oneal Lane Section Improvements - Roadway Lighting</p> <ul style="list-style-type: none"> • Roadway Lighting Design • Electrical Designer/Project Manager 	Baton Rouge, LA
<p>* Tulane Ave - Roadway Lighting Study</p> <ul style="list-style-type: none"> • Roadway Lighting Design using CNO Lighting • Electrical Engineer/Project Manager 	New Orleans, LA
<p>Perkins Rd - Roadway Lighting</p> <ul style="list-style-type: none"> • Roadway Lighting Design using EBI Parish Lighting Standards • Electrical Engineer/ Lighting Designer 	Baton Rouge, LA
<p>Perkins Rd - Roadway Lighting</p> <ul style="list-style-type: none"> • Roadway Lighting Design using EBI Parish Lighting Standards • Electrical Engineer/ Lighting Designer 	Baton Rouge, LA
<p>LP Courthouse</p> <ul style="list-style-type: none"> • Renovation of an existing courthouse into multiple government facilities. • Electrical Engineer. 	Livingston, LA
<p>University Lakes</p> <ul style="list-style-type: none"> • Design of lighting and electrical for the University Lakes • Electrical Engineer/ Lighting Designer 	Baton Rouge, LA
<p>VA Hospital</p> <ul style="list-style-type: none"> • Renovation of existing hospital building into office buildings for the city of New Orleans 	New Orleans, LA



- Electrical Engineer.

Restaurants

CC's Coffee House (In Construction) <ul style="list-style-type: none"> • 3000 sq. ft. tenant improvements • Metairie and Baton Rouge • Engineer of Record 	Various
Lucky Dog MSY Airport <ul style="list-style-type: none"> • New kiosk and food and beverage are in Airport • Electrical Engineer of Record. 	New Orleans, LA
Cafe Du Monde MSY Airport <ul style="list-style-type: none"> • New food and beverage are in Airport • Electrical Engineer of Record. 	New Orleans, LA
Constance Street Restaurant (In Construction) <ul style="list-style-type: none"> • 1200 sq. ft. tenant improvement • Project Manager 	New Orleans, LA
Dari-O Restaurant <ul style="list-style-type: none"> • New fast food restaurant • Electrical Engineer of Record 	Archdale, NC
Dari-O Restaurant <ul style="list-style-type: none"> • New fast food restaurant • Electrical Engineer of Record 	Ashebro, NC
Starbucks <ul style="list-style-type: none"> • Renovation to existing Starbucks • Electrical Engineer of Record 	Austin, TX
IHOP <ul style="list-style-type: none"> • New Construction of Restaurant • Electrical Engineer of Record 	New Orleans, LA
Biscuitville <ul style="list-style-type: none"> • New Construction of Restaurant • Electrical Engineer of Record 	Various (NC)
Fat Boy Pizza <ul style="list-style-type: none"> • New Construction of Restaurant • Electrical Engineer of Record 	Various (LA, TX)
Lucy Boone Ice Cream Shop <ul style="list-style-type: none"> • Tenant build-out for ice cream shop • Electrical Engineer of Record 	New Orleans, LA
French Market Street <ul style="list-style-type: none"> • Renovation of existing restaurant • Electrical Engineer of Record 	New Orleans, LA



Hospitality and Entertainment

Hilton Garden Inn – Lobby Renovations <ul style="list-style-type: none">• Renovations to First Floor Common Spaces• Electrical Engineer of Record	New Orleans, LA
Corsair Hotel <ul style="list-style-type: none">• Renovations to existing historic residence into hotel• Electrical Engineer of Record	New Orleans, LA
1730 Clio St <ul style="list-style-type: none">• New Construction of two-story Airbnb Building.• Electrical Engineer of Record	New Orleans, LA
Starkville Apartments <ul style="list-style-type: none">• Renovation of 4 Stories Hotel into Apartment Building.• Electrical Engineer of Record.	Starkville, MS
*Marriott Irvine Spectrum (Completed 2014) <ul style="list-style-type: none">• High Rise Hotel with Pool• Lead electrical designer	Irvine, CA
*MGM Cotai <ul style="list-style-type: none">• \$2B Hotel/Casino Mega Resort• Lead electrical designer for hotel towers and parking structure	Macau, China
*Choctaw Casino, Hotel and Resort Expansion <ul style="list-style-type: none">• \$300M CC - Renovation and Resort Expansion including Hotel Tower and Concert Hall• Electrical Engineer of Record	Durant, OK
* Delta Downs Food Court Renovation (Completed 2013) <ul style="list-style-type: none">• Electrical Engineer of Record	Vinton, LA
* Grand Biloxi Casino Rebrand (Completed 2015) <ul style="list-style-type: none">• Electrical Engineer of Record	Biloxi, MS
* Cypress Bayou Casino Renovation (Completed 2015) <ul style="list-style-type: none">• Renovations to Existing Casino• Electrical Engineer of Record	Charenton, LA
* Holiday Inn Express (Completed 2010) <ul style="list-style-type: none">• New Construction of 3 Story Hotel• Electrical Designer	Reno, NV
Holiday Inn Express (Completed 2010) <ul style="list-style-type: none">• New Construction of 3 Story Hotel• Electrical Designer	Reno, NV

Multi-Family Housing

Progress Park <ul style="list-style-type: none">• Renovation of 24 standalone duplexes• Electrical Engineer of Record	Baton Rouge, LA
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Grand Junction Apartments	Starkville, MS
<ul style="list-style-type: none"> • New Construction of 4 Stories of Apartments • Electrical Engineer of Record 	
3909 Tchoupitoulas	New Orleans, LA
<ul style="list-style-type: none"> • Renovation of 2-story, 18-unit apartment complex • Electrical Engineer of Record 	
* Bayou Cane Apartments (Completed 2015)	Houma, LA
<ul style="list-style-type: none"> • New Construction of 3 Stories of Apartments • Electrical Designer 	
* NORA South Saratoga Street Residences (Completed 2015)	New Orleans, LA
<ul style="list-style-type: none"> • New Construction of 4 residences • Electrical Engineer Record 	
* St. Martin Manor Assisted Living Complex (Completed 2011)	New Orleans, LA
<ul style="list-style-type: none"> • New Construction and Renovation of Housing • Electrical Designer 	
Onslow Beach Apartment Complex	Camp Lejeune, NC
<ul style="list-style-type: none"> • New Construction of beach apartments and cabanas • Electrical Designer 	
Lotus Village	Baton Rouge, LA
<ul style="list-style-type: none"> • New Construction of the Lotus Village multi-family development • Electrical Designer 	
<u>Parks and Recreation</u>	
* John Ryan Stadium (Completed 2012)	New Orleans, LA
<ul style="list-style-type: none"> • Multi-sport outdoor field with clubhouse and batting cages • Lead Electrical Designer 	
* Hardin Playground (Completed 2017)	New Orleans, LA
<ul style="list-style-type: none"> • Clubhouse building for park. • Electrical Engineer of Record 	
* Howell Park (Completed 2017)	Baton Rouge, LA
<ul style="list-style-type: none"> • MV Distribution for park with bathrooms and sports lighting. • Electrical Engineer of Record 	
Joseph Bartholomew Golf Course	New Orleans, LA
<ul style="list-style-type: none"> • Improvements to place shelters on an active golf course • Electrical Engineer of Record 	
* Projects performed under previous employment	

