



ELECTRICAL DESIGN SOLUTIONS

RAUL ENRIQUE VALDES

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

POSITION	President
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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
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PROJECT EXPERIENCE	<u>Aviation</u> * New Orleans Airport – North Terminal <ul style="list-style-type: none">\$600M CC - New Terminal and ConcoursesElectrical Engineer of Record <u>Commercial</u> 658 Lesson Ct. <ul style="list-style-type: none">12,000 sq. ft. Build-out warehouse/office spaces.Electrical Engineer of Record Lanco Construction Company <ul style="list-style-type: none">New 18,500 sq. ft. construction of administrative and warehouse building.Electrical Engineer of Record Young Williams – Call Center <ul style="list-style-type: none">New 30,000 sq. ft. tenant build-outLocations in Bossier City and Baton RougeElectrical Engineer of Record Stone Interior and Creative Graphics <ul style="list-style-type: none">New 20,000 sq. ft. warehouse facilities with officesProject Manager	New Orleans, LA Harvey, LA LaPlace, LA Various Kenner, LA
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Dance Studio Retail Center <ul style="list-style-type: none"> Electrical Engineer of Record 	Gretna, LA
Bailis Drive Warehouses <ul style="list-style-type: none"> New Warehouse facilities with offices Electrical Engineer of Record 	Baton Rouge, LA
Washington Ave. Retail Center <ul style="list-style-type: none"> New Multi-tenant Retail Center Electrical Engineer of Record 	New Orleans, LA
Medical Office / Pharmacy Retail Center <ul style="list-style-type: none"> Renovated Multi-tenant Retail Center Electrical Engineer of Record 	New Orleans, LA
Gulf South Vet Dental Clinic <ul style="list-style-type: none"> Tenant Build Out for Vet Clinic Electrical Project Manager 	New Orleans, LA
School of Rock <ul style="list-style-type: none"> Tenant Build Out for School of Music Electrical Engineer of Record 	Metairie, LA
<u>Healthcare</u>	
Louisiana Dental Center <ul style="list-style-type: none"> New Construction of Dental Center Various locations including Addis, Kenner, and Baton Rouge Electrical Engineer of Record 	Various
Express Care Clinic <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 	Baton Rouge, LA
Allergy Doctor Office <ul style="list-style-type: none"> 4000 sq. ft. space with labs and offices Electrical Engineer of Record 	Covington, LA
Express Care Clinic <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 	Baton Rouge, LA
502 Leontine Hearing Doctor Offices <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 	New Orleans, LA
Tulane Lakeside Pediatric Clinic <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 	Metairie, LA



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



***River Parishes Community College – Addition**

Gonzales, LA

- \$15M CC - Renovation and Addition to Campus Building
- Electrical Engineer of Record

Brownfields Elementary School

East Baton Rouge, LA

- \$15M CC - Pre-K – 6th School with Library
- Electrical Engineer and Lighting Design

Acton Academy School

Lake Charles, LA

- \$2M CC - Pre-K – 6th School with Library
- Electrical Engineer and Lighting Design

Faith

St. Andrew Church Renovation

Gretna, LA

- Addition of Entry to existing church
- Project Manager

St. Francis Episcopal Church

Denham Springs, LA

- New construction of church
- Electrical Engineer of Record

Journey Church

Denham Springs, LA

- Renovation of 9200 sq. ft existing church and new construction of 75000 sq. ft. parking lot.
- Electrical Engineer of Record.

Government and Municipal

State Army Reserve – Camp Beauregard Storage Facility

Ball, LA

- \$500k CC - Renovation to Facility for Storage
- Electrical Engineer of Record

State Army Reserve - Team Ready Bay Facility

Carville, LA

- \$1M CC - Facility for maintenance of emergency preparedness vehicles
- Electrical Engineer of Record

State Army Reserve Camp Cook Storage Building

Ball, LA

- \$500k CC - Renovation to Facility for Storage
- Electrical Engineer of Record

*** White Castle Roadway Lighting**

White Castle, LA

- \$300K CC - Roadway Lighting Design per DoTD
- **Electrical Engineer of Record, Prime Consultant**

*** White Castle – Bowie Street Lighting Repairs**

White Castle, LA

- \$600K CC - Renovation to City Council Chamber Lighting
- **Electrical Engineer of Record, Prime Consultant**

*** City Council Lighting**

New Orleans, LA

- \$600K CC - Renovation to City Council Chamber Lighting
- Electrical Engineer of Record, Prime Consultant

*** New Orleans Municipal Yacht Harbor**

New Orleans, LA

- \$20M CC - New floating doc system with power distribution for boats
- Electrical Engineer of Record



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

Various

- 3000 sq. ft. tenant improvements
- Metairie and Baton Rouge
- Engineer of Record

Lucky Dog MSY Airport

New Orleans, LA

- New kiosk and food and beverage are in Airport
- Electrical Engineer of Record.

Cafe Du Monde MSY Airport

New Orleans, LA

- New food and beverage are in Airport
- Electrical Engineer of Record.

Constance Street Restaurant (In Construction)

New Orleans, LA

- 1200 sq. ft. tenant improvement
- Project Manager

Dari-O Restaurant

Archdale, NC

- New fast food restaurant
- Electrical Engineer of Record

Dari-O Restaurant

Ashebro, NC

- New fast food restaurant
- Electrical Engineer of Record

Starbucks

Austin, TX

- Renovation to existing Starbucks
- Electrical Engineer of Record

IHOP

New Orleans, LA

- New Construction of Restaurant
- Electrical Engineer of Record

Biscuitville

Various (NC)

- New Construction of Restaurant
- Electrical Engineer of Record

Fat Boy Pizza

Various (LA, TX)

- New Construction of Restaurant
- Electrical Engineer of Record

Lucy Boone Ice Cream Shop

New Orleans, LA

- Tenant build-out for ice cream shop
- Electrical Engineer of Record

French Market Street

New Orleans, LA

- Renovation of existing restaurant
- Electrical Engineer of Record



Hospitality and Entertainment

Hilton Garden Inn – Lobby Renovations

New Orleans, LA

- Renovations to First Floor Common Spaces
- Electrical Engineer of Record

Corsair Hotel

New Orleans, LA

- Renovations to existing historic residence into hotel
- Electrical Engineer of Record

1730 Clio St

New Orleans, LA

- New Construction of two-story Airbnb Building.
- Electrical Engineer of Record

Starkville Apartments

Starkville, MS

- Renovation of 4 Stories Hotel into Apartment Building.
- Electrical Engineer of Record.

***Marriott Irvine Spectrum (Completed 2014)**

Irvine, CA

- High Rise Hotel with Pool
- Lead electrical designer

***MGM Cotai**

Macau, China

- \$2B Hotel/Casino Mega Resort
- Lead electrical designer for hotel towers and parking structure

***Choctaw Casino, Hotel and Resort Expansion**

Durant, OK

- \$300M CC - Renovation and Resort Expansion including Hotel Tower and Concert Hall
- Electrical Engineer of Record

*** Delta Downs Food Court Renovation (Completed 2013)**

Vinton, LA

- Electrical Engineer of Record

*** Grand Biloxi Casino Rebrand (Completed 2015)**

Biloxi, MS

- Electrical Engineer of Record

*** Cypress Bayou Casino Renovation (Completed 2015)**

Charenton, LA

- Renovations to Existing Casino
- Electrical Engineer of Record

*** Holiday Inn Express (Completed 2010)**

Reno, NV

- New Construction of 3 Story Hotel
- Electrical Designer

Holiday Inn Express (Completed 2010)

Reno, NV

- New Construction of 3 Story Hotel
- Electrical Designer

Multi-Family Housing

Progress Park

Baton Rouge, LA

- Renovation of 24 standalone duplexes
- Electrical Engineer of Record



Grand Junction Apartments**Starkville, MS**

- New Construction of 4 Stories of Apartments
- Electrical Engineer of Record

3909 Tchoupitoulas**New Orleans, LA**

- Renovation of 2-story, 18-unit apartment complex
- Electrical Engineer of Record

*** Bayou Cane Apartments (Completed 2015)****Houma, LA**

- New Construction of 3 Stories of Apartments
- Electrical Designer

*** NORA South Saratoga Street Residences (Completed 2015)****New Orleans, LA**

- New Construction of 4 residences
- Electrical Engineer Record

*** St. Martin Manor Assisted Living Complex (Completed 2011)****New Orleans, LA**

- New Construction and Renovation of Housing
- Electrical Designer

Onslow Beach Apartment Complex**Camp Lejeune, NC**

- New Construction of beach apartments and cabanas
- Electrical Designer

Lotus Village**Baton Rouge, LA**

- New Construction of the Lotus Village multi-family development
- Electrical Designer

Parks and Recreation*** John Ryan Stadium (Completed 2012)****New Orleans, LA**

- Multi-sport outdoor field with clubhouse and batting cages
- Lead Electrical Designer

*** Hardin Playground (Completed 2017)****New Orleans, LA**

- Clubhouse building for park.
- Electrical Engineer of Record

*** Howell Park (Completed 2017)****Baton Rouge, LA**

- MV Distribution for park with bathrooms and sports lighting.
- Electrical Engineer of Record

Joseph Bartholomew Golf Course**New Orleans, LA**

- Improvements to place shelters on an active golf course
- Electrical Engineer of Record

* Projects performed under previous employment

