

Jerome Rufaro Redmond, PE

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8209A Market Street Ste 222 Wilmington, NC 28411

Objective

To continue to serve the community, with expertise in High Wind Analysis and Masonry Construction, as a Consulting Engineer, providing comprehensive engineering services for smaller light commercial projects, residential, institutional and church construction projects as has been done over the past 20 years with over 40 million square feet of churches, theatres, offices, retail centers, warehouses and industrial and federal facilities.

Professional Experience (Since 2005 only)

Engineering Consultant, January 2007- Present

- Structural and Mechanical Engineer of Record for several residential, light commercial and church projects primarily of timber, steel and masonry construction. Foundation design and analysis for pre-engineered structures and retained earth structures including concrete and masonry retaining walls and segmented retaining walls.
- Serve as prime designer for several design/build projects developing proposals, preparing contracts, providing construction documents, managing permit process and construction administration to certificate of occupancy.
- Provide construction managers, contractors and architects with structural design and analysis, value engineering, estimating, inspection (commercial and residential), construction management and plan review services.

Civil (Structural) Engineer, USMC Camp Lejeune, May 2010 - October 2016

- Supported base operations by providing structural reviews for MilCon projects and smaller construction projects with specific emphasis on high wind analysis. Performed analysis on existing structures for new additions and load test of existing mezzanines. Provided structural design for small capital projects including foundation designs, pedestrian bridges and mezzanines. Support Design division with reviews and all structural related items. As member of Camp Lejeune Antiterrorism Assessment Team, evaluated key base assets to determine structural vulnerability in accordance with UFC 4-010.01. Provided division directive on implementation of ICSSC RP 6.

Consultant/Contractor, June 2005-April 2007

- Provide contract structural engineering design, analysis and general engineering management (budgeting, scheduling and management of CAD Operators) services for industrial and R&D/Pharmaceutical Facilities. Design criteria ranges from 165 MPH winds to Seismic Zone 4. Code use includes IBC2000, UBC 1997, California Building Code 2001, Florida Building Code 2004, ASCE 7/98, 7/02 & 7/05, and Department of Defense Minimum Antiterrorism Standards for Buildings.

Educational Experience

MS, Civil Engineering (Structural), University of Maryland, College Park, December 1995

BS, Architectural Engineering, North Carolina A&T State University, May 1993

Code Experience: UBC 1997; IBC; IRC; ACI-318, 530; ASCE 7; NDS

NCEES Record

Licensed NC, SC, VA

Instructor: Seismic Evaluation and Rehabilitation of Existing U.S. Navy Buildings - An Overview for MAS Cherry Point - 1.5 Hour Professional Development Seminar 2011

References

Tony Morton
Morton Construction, Inc.
Jacksonville, NC
910.347.1725

Al Samuel, RA
Architectural Branch Head
Public Works Division
MCAS Cherry Point, NC
910.382.5815

Tony Sydes
President
A. Sydes Construction, Inc.
Jacksonville, NC
910.455.6967

Mike Lazarra
Mayor ProTem
City of Jacksonville
910.545.3138

Bob Persun
Sr. Project Manager
Atlantic Construction, Inc.
Jacksonville, NC
910.938.9053

Robbie Whitfield
President
Span Builders, LLC
Raleigh, NC
919.451.3088

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President
Brodie Contractors, Inc.
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Mike Tuton
President
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Garion Bunn
Project Manager
Wake Technical Community College
Raleigh, NC
919-866-5534

Thomas Burton, PE
Design Branch Head
Public Works Division
MCB Camp Lejeune, NC
910.451.2212

Project Experience - Private Consulting

Carolina Orthopedics - Jacksonville, NC (Under construction)

16,000 SF Two Story Timber Framed Medical Center - Bldg, Structural, Mechanical and Plumbing

Gum Branch Retail Center - Jacksonville, NC, April 2017

7200 SF Masonry Retail Center - Bldg, Structural, MEP

Brynn Marr Office Building - Jacksonville, NC, December 2016

7000 SF Pre Engineered Steel Mixed Use - Bldg, Structural, Mechanical and Plumbing

St. James Holy Church - Maple Hill, NC, 2015

2400 SF Pre Engineered Steel Fellowship Hall Addition - Bldg, Structural, MEP

Carolina Dynasty - Sneads Ferry, NC, 2015

7000 SF Pre Engineered Steel Mixed Use - Bldg, Structural, Mechanical and Plumbing

SIA Wallace Office Building - Wallace, NC, 2014

2000 SF Timber Framed Office - Bldg, Structural, Mechanical and Plumbing

Rose/Swansboro Retail Center - Swansboro, NC, 2014

7600 SF Pre Engineered Steel Retail Center - Bldg, Structural, Mechanical and Plumbing

Calvary Assembly of God Gymnasium - Jacksonville, NC, 2013

11,250 SF Pre Engineered Steel Gymnasium & Educational Center - Bldg, Structural, Mechanical and Plumbing

Collins Mancini Dental Office Building - Jacksonville, NC, 2013

3500 SF Timber Framed Office - Bldg, Structural, Mechanical and Plumbing

A Sydes Construction Office Building - Onslow County, NC, 2012

7,740 SF Timber Framed Office - Bldg, Structural, MEP

Bodehamer Office Building - Jacksonville, NC, 2012

7,563 SF Timber/Lt. Steel Framed Office - Bldg, Structural, Mechanical and Plumbing

Mt. Olive College and Retail Shops - Jacksonville, NC, 2012

27,200 SF - Steel Educational and Retail Center - Structural, Mechanical and Plumbing

Carolina Forest Clubhouse, Jacksonville, NC 2011

1600 SF Timber Framed Clubhouse - Structural

National Dodge Renovation & Addition, Jacksonville, NC 2011

1600 Metal Building Addition - Structural, Mechanical and Plumbing

IHOP - Parcel, Jacksonville, NC 2011

6000 SF Lt. Steel/Structural Steel Retail Building - Structural

Coastal Cleaners Lejeune Blvd - Jacksonville, NC 2011

Tornado Assessment and Structural Repair Design

Brynn Marr Renovation - Jacksonville, NC 2011

Structural Design for New Facade

Green Square Complex DENR Building, Raleigh, NC 2010

Lt. Steel Design

St. Albans at North Hills Condos, Raleigh, NC 2009

Lt. Steel Design

Holy Temple COGIC Church Fellowship Hall, Oxford, NC 2008

2300 SF Masonry/Wood - Structural, MEP

Adams Products/Old Castle Showroom & Warehouse, Greensboro, NC 2008

3200 SF Masonry - Bldg, Structural, MEP

NCSU Winslow Hall Demolition 2008

Structural Analysis and Design