

REQUEST FOR PROPOSALS
#5203

New Orange County
Detention Center

Orange County, North
Carolina

May 21, 2015

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RESPONDER'S CERTIFICATION FORM

I have carefully examined the Request for Qualifications, the sample Agreement for Design Consultant Services and any other documents accompanying or made a part of this Request for Qualification.

I hereby propose to furnish the professional design consultant services for Orange County in accordance with the instructions, terms, conditions, and requirements incorporated in this Request for Qualification. I certify that all information contained in this response is truthful to the best of my knowledge and belief. I further certify that I am duly authorized to submit this response on behalf of the firm as its act and deed and that the firm is ready, willing and able to perform if awarded the contract.

NAME OF FIRM: Moseley Architects, PC

BY: (printed name) Daniel R. Mace, AIA, LEED AP, Vice President

SIGNATURE: 

MAILING ADDRESS: 11430 N. Community House Road, Suite 225

CITY/STATE/ZIP CODE: Charlotte, NC 28277

TELEPHONE NUMBER: (704) 540-3755

FAX NUMBER: (704) 540-3754

ACKNOWLEDGEMENT OF ADDENDA

Responder hereby acknowledges receipt of all Addenda through and including:

Addendum No.	Date	Acknowledgement
<u>1</u>	<u>05/05/15</u>	<u></u>
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NON-COLLUSION AFFIDAVIT

State of North Carolina
County of Orange

Proposal Request No. 5203

Daniel R. Mace, AIA, LEED AP _____, being first duly sworn, deposes and says that:

1. He/She is the Vice President of Moseley Architects, PC, the proposer that has submitted the attached proposal;
2. He/She is fully informed respecting the preparation and contents of the attached proposal and of all pertinent circumstances respecting such proposal;
3. Such proposal is genuine and is not a collusive or sham proposal;
4. Neither the said proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other proposer firm or Person to submit a collusive or sham proposal in connection with the contract for which the attached proposal has been submitted or to refrain from proposing in connection with such contract, or has in any manner, directly or indirectly sought by agreement or collusion of communication or conference with any other proposer, firm or person to fix the price or prices in the attached proposal or of any other proposers, or to fix any overhead, profit or cost element of the proposal price of the proposal of any other proposer or to secure through collusion, conspiracy, connivance or unlawful agreement any advantage against the County of Orange or any person interested in the proposed contract; and
5. The price or prices quoted in the attached proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signature Vice President

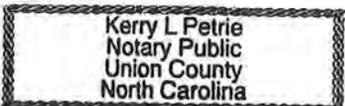
Title

Subscribed and Sworn to Before Me,

This 19th day of May, 2015

Notary Public Kerry L Petrie

My Commission Expires: October 3, 2018



ORANGE COUNTY

I, Daniel R. Mace, AIA, LEED AP (the individual attesting below), being duly authorized by and on behalf of Moseley Architects, PC (the entity bidding on project hereinafter "Employer") after first being duly sworn hereby swears or affirms as follows:

- 1. Employer understands that E-Verify is the federal E-Verify program operated by the United States Department of Homeland Security and other federal agencies, or any successor or equivalent program used to verify the work authorization of newly hired employees pursuant to federal law in accordance with NCGS §64-25(5).
- 2. Employer understands that Employers Must Use E-Verify. Each employer, after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS§64-26(a).
- 3. Employer is a person, business entity, or other organization that transacts business in this State and that employs 25 or more employees in this State. (mark Yes or No)
 - a. YES X , or
 - b. NO _____
- 4. Employer's subcontractors comply with E-Verify, and if Employer is the winning bidder on this project Employer will ensure compliance with E-Verify by any subcontractors subsequently hired by Employer.

This 19th day of May, 2015.

[Handwritten Signature]

Signature of Affiant
Print or Type Name: Daniel R. Mace, AIA, LEED AP

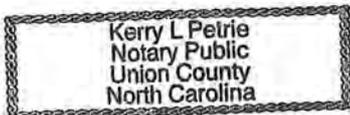
State of North Carolina Orange County

Signed and sworn to (or affirmed) before me, this the 19th day of May, 2015.

My Commission Expires:

October 3, 2018 *[Handwritten Signature]*
Notary Public

(Affix Official/Notarial Seal)



Moseley Architects

11430 North Community House
Road, Suite 225
Charlotte, NC 28277
www.moseleyarchitects.com

Contact: Dan Mace, AIA, Vice President
Phone: 704-540-3755
Fax: 704-540-3754
Email: dmace@moseleyarchitects.com

The Charlotte office of Moseley Architects will lead the planning and design services for your new detention center project. This office will be supplemented by professionals in our Raleigh office (construction services, interior design, energy efficiency analytics), which is located less than 25 miles from the project site. Steve Nally of our Raleigh office is an Orange County resident and will be responsible for construction services for our team. In addition, Todd Davis, CJE, our jail operations and transition/activation planner for your project, lives in Burlington, less than 25 miles from your project site.

Our professionals collaborate within a unified, multi-disciplinary studio setting. This approach, facilitated by building information modeling (BIM) technology, results in integrated facility designs tailored to our clients' needs and priorities.

North Carolina Architectural License Number

50149

Year Established

1969

Former Names

Moseley Architects (since 2002); Moseley Wilkins & Wood (NC and SC offices from 2002-2004) Moseley Harris & McClintock (1997); the McClintock Group (1995); the Moseley Group (1988); Moseley Hening & Associates (1974); William Ward Moseley, AIA (1969).

Principals of the Firm and States of Registration

- Dan Mace, AIA, LEED AP: NC, FL, GA, OH, SC, TN, VA (managing principal/project architect for your project)
- Tony Bell, AIA, LEED AP: NC, VA
- Bill Brown, AIA, LEED AP: NC, AL, CO, DC, DE, GA, IL, KS, LA, MA, MD, MI, MN, NJ, NY, OH, PA, TX, VA
- Jim Copeland AIA, LEED AP: NC, MD, VA
- Mike Hurd, PE: NC, AL, MD, NC, PA, VA, WV
- Jeff Hyder, AIA, LEED AP: VA
- Bill Laughlin, AIA, LEED AP: NC, GA, MD, SC, VA, WV



SECTION 2: INTRODUCTION

- Jim McCalla, AIA: VA
- George Nasis, AIA, LEED AP: VA
- Stewart Roberson
- Steve Ruiz, AIA, LEED AP: NC, AZ, CA, CO, DC, FL, IL, IN, KS, KY, LA, MA, MD, MI, MO, NH, NJ, NY, OH, PA, SC, TN, TX, UT, VA, WV

Types of Services for which Firm is Qualified

Moseley Architects offers Orange County a staff of 197 in-house professionals including:

- Architects specializing in detention facilities
- Detention facility operations and staffing/transition specialists
- Security/detention systems designers
- Telecommunications systems designers
- Structural, mechanical, electrical, plumbing, and fire protection engineers
- Sustainability, energy analytics, and high performance building planners
- Prison Rape Elimination Act (PREA) and policy and procedures consultants
- Interior designers
- Specification writers
- Construction administrators

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Moseley Architects is ranked as one of the Top 25 Local Government Sector Architecture Firms in the U.S. by *Building Design & Construction*.



Maximum security housing unit of the Cumberland County Detention Center Expansion

MOSELEYARCHITECTS

CHARLOTTE May 21, 2015
 FAIRFAX
 HARRISONBURG Mr. David Cannell, Purchasing Agent
 RALEIGH-DURHAM Orange County Purchasing Department
 RICHMOND 200 S. Cameron Street
 VIRGINIA BEACH Hillsborough, NC 27278
 WARRENTON

Dear Mr. Cannell and Members of the Selection Committee:

Moseley Architects is excited for this opportunity to partner with Orange County to help you successfully achieve your goals for this detention center project. We reviewed your RFQ and understand the specific and complex nature of the work required. Our team is ready to develop a plan of action that will create a secure, efficient, sustainable, and operationally-friendly environment for your detention functions.

More than 130 local governments have relied on Moseley Architects for facility planning, programming, design, and construction phase services. Having provided these services on more than 85 jail and correctional facilities in the past 10 years alone, including the majority of North Carolina's new detention centers, we understand the potential challenges and opportunities that you face.

Our firm offers specialized in-house expertise for your project including detention-focused architects and engineers; criminal justice operations and staffing/transition/activation specialists; PREA and policy and procedures specialists; security electronics designers; energy efficiency analysts; interior designers; and construction administrators. Steve Nally of our Raleigh office is an Orange County resident who will serve as our dedicated construction services administrator. Our team also includes Civil Consultants, led by Orange County resident Tony Whitaker, PE, who will provide site and civil engineering services; CLH Design for landscape architecture; and Foodesign for food service planning. 3

As a nationally-recognized leader in high performance design, we fully support Orange County's Energy Conservation Policy. We have completed 67 LEED projects including the LEED Gold Rockingham County Judicial Center, the LEED Silver Transylvania County Public Safety Facility, the Federal Bureau of Prison's LEED Certified Butner Federal Correctional Institution (FCI-3), and Camp Lejeune's LEED Gold MCIEAST Brig. We have also completed numerous successful educational projects located in Orange County for the Chapel-Hill Carrboro Schools including the LEED Platinum Northside Elementary School and the LEED Silver Carrboro High School.

We welcome an opportunity to meet with you to discuss your new detention center in more detail. We have developed several potential prototypes that may be of interest to you. If you have any questions or would like to schedule an interview, please contact me at (704) 540-3755 or at dmace@moseleyarchitects.com.

Sincerely, 

Daniel R. Mace, AIA, LEED AP
 Managing Principal

Moseley Architects has met with Orange County officials and current and former sheriff's staff on a number of occasions over the years as we have watched this project materialize. We also assisted the former administration with budgets and site observations. As a result, we are familiar with the existing facility's deficiencies and your desire to design and build a facility with a core for up to 250 inmates that will serve the County for the next 15 years onward.

With your current rated capacity of approximately 129 inmates and your average daily population exceeding 180 at times, it is apparent that the county has outgrown its existing facility. We understand your building has become very expensive to maintain as most of the systems have exceeded their lifespan. We also realize that the existing core spaces in your facility such as intake/booking, food services, medical, and storage are well beyond space capacity. We understand that an indirect supervision detention facility of approximately 144-216 beds is required that will include core facilities, magistrate's office area, and hearing room spaces. Energy efficiency is strongly desired as are innovative staff-efficient concepts and ease of maintenance. The facility must be flexible to accommodate changing housing needs over its lifespan, and adaptable to alternative incarceration programs that may be implemented.

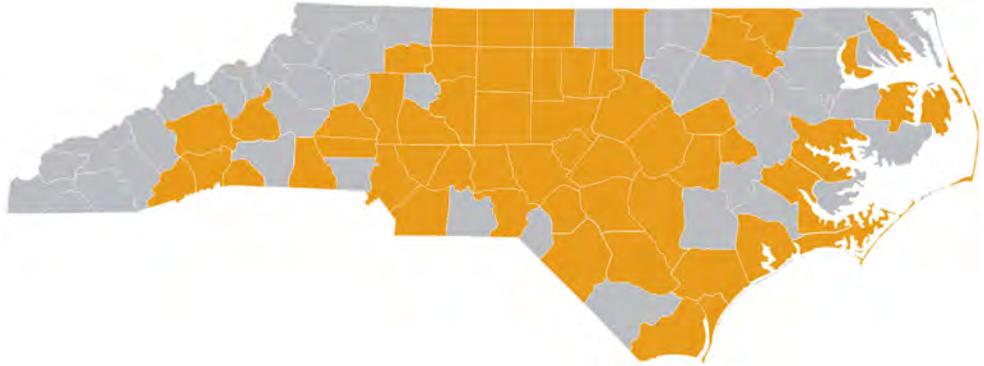
Moseley Architects has developed several potential prototype models that Orange County could incorporate and customize to address your needs and that may significantly reduce the design timeframe. We look forward to sharing these concepts with you during our interview, should we be shortlisted.

Our firm has been privileged to serve more than 35 North Carolina local, state, and federal agencies with planning and design services for their detention facilities. Our portfolio features more than 6,000 secure beds and 2,800,000 square feet. This has included master planning, needs assessments and feasibility studies, architecture and engineering, operations and staffing/transition, PREA consulting and policy and procedure development, and construction oversight. As such, we are thoroughly familiar with North Carolina Minimum Jail Standards, as well as applicable regulations issued by the State of North Carolina, design recommendations by the National Institute of Corrections, and the American Correctional Association's Standards for Local Adult Confinement Facilities.

Dan Mace, AIA, and Todd Davis, CJE of our project team are currently participating on the North Carolina Jail Standards Revision Committee to update jail standards for the state, from architectural, operations, and planning perspectives. Their involvement helping to shape these standards demonstrates their extensive knowledge of detention facilities in the state. Todd is also currently serving as a member of the National Institute of Jail Operations, which is a branch of the National Sheriff's Association and provides resources and services to best serve sheriffs and jail administrators across the country.

Harnett County wanted the facility to be attractive, functional, and expandable. I can say that based on your dedication and the dedication of your staff, we have such a facility.

—Tony Wilder, Former Deputy County Manager of Harnett County (Harnett County Law Enforcement and Detention Center)



Orange depicts locations of all local, state, and federal government projects planned and/or designed by Moseley Architects. We are very familiar with the central North Carolina area and the various units of local government.

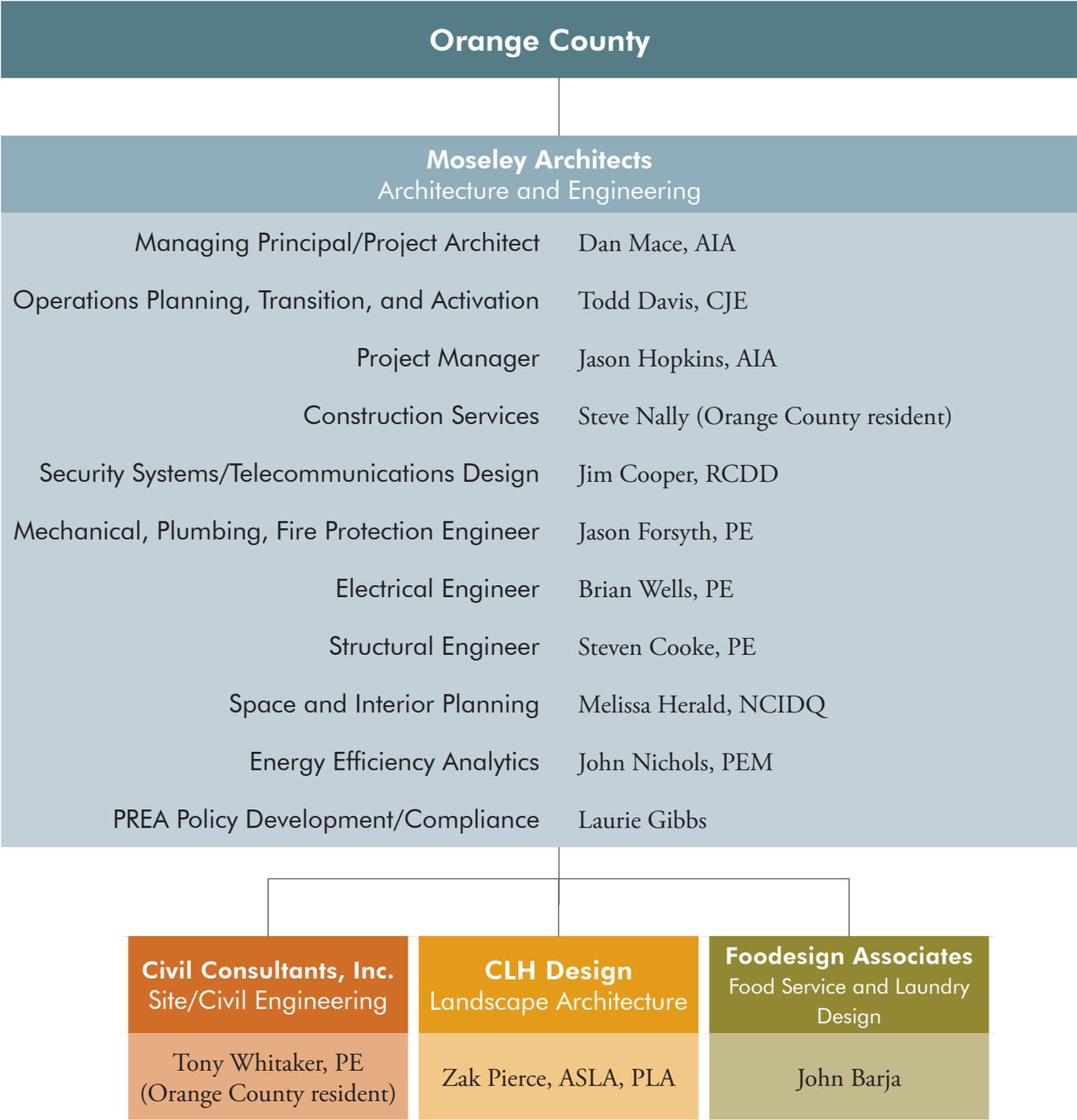
Dan and Todd have also been long-time members of the North Carolina Sheriff's Association, North Carolina Jail Administrator's Association (Todd is a founding member), the North Carolina Association of County Commissioners, and the North Carolina City and County Manager's Association.

Moseley Architects is also familiar with cross-gender supervision, inmate separation, and security technology and building standards addressed by the Department of Justice's Prison Rape Elimination Act (PREA). Our understanding of jail planning and operations will be paramount to the complex process of interpreting your needs and mission into the final building program.

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We are thoroughly knowledgeable of local conditions, codes, and regulations throughout the state, including the central region. We have experience with the Department of Administration, Department of Insurance, Department of Health and Human Services, and the Department of Environmental and Natural Resources. Our team has built good working relationships with these groups and has the knowledge and experience that helps in expediting the approvals process.

In addition, our proposed civil engineering consultant, Civil Consultants, Inc. has successfully provided site design services on numerous site development projects that have limiting subsurface conditions in central North Carolina. These projects utilized various means of soil remediation and non-typical foundation support measures, which include simple undercut and replacement, subgrade reinforcement with synthetic materials, dynamic compaction, surcharging with overburden material, lime stabilization, soil-cement stabilization, flowable fill, soil nailing, thickened slabs, drilled pier footings, subsurface drainage measures, and settlement monitoring. The firm, led by Orange County resident Tony Whitaker, PE, has completed numerous successful projects in and for Orange County.



Moseley Architects is committed to keeping the assigned project team, shown above, throughout the project.



Dan Mace, AIA, LEED AP—Managing Principal and Project Architect

Dan is a vice president and co-owner of Moseley Architects. He is the firm's justice sector project leader and has dedicated his career to providing innovative planning and design services for government entities. Dan has repeatedly delivered state-of-the-art, budget-worthy, efficient, and functional projects to clients including the design of over 11,300 secure beds and over 3,800,000 square feet in jail/correctional space. He will work with the entire design team to see that your project goals are successfully achieved.

Dan earned a Bachelor of Architecture in 1984 and a Master of Architecture in 1987. He is a licensed architect in North Carolina and a LEED Accredited Professional (LEED AP). Relevant projects include the Beaufort County Jail and Public Safety Center, Bladen County Jail and Law Enforcement Center, Craven County Detention and Justice Center, Cumberland County Detention Center Expansion, Guilford County Jail Expansion, Harnett County Law Enforcement and Detention Center, High Value Detainee Facility and Legal Complex Replacement in Guantanamo Bay, Hoke County Jail Expansion, Rockingham County Detention and Justice Center, Rowan County Satellite Jail, Sampson County Law Enforcement and Detention Center, Transylvania County Jail and Public Safety Facility, and Wayne County Satellite Jail.



Todd Davis, CJE—Operations Planning, Transition, and Activation

Todd brings over 26 years in detention planning and consulting experience. As director of criminal justice planning and development for Moseley Architects, Todd is responsible for the management and provision of consulting, planning, risk management, and operational studies. He specializes in needs assessment and feasibility studies; staffing and operations planning and budgeting services; activation and transition consulting services; and contracted services reviews. Todd also collaborates with the team to shape design options and participate in client communications.

Prior to joining Moseley Architects, he served with the Alamance County Sheriff's Department where he held the rank of major and served in numerous capacities. Todd has over 16 years as a certified instructor through the North Carolina Criminal Justice Education and Training Standards. He currently serves on the National Institute of Jail Operations. Relevant projects include the Beaufort County Jail and Public Safety Center, Bladen County Jail and Law Enforcement Center, Granville County Law Enforcement and Detention Center Needs Assessment/Feasibility Study, Guilford County Jail Expansion Transition, Iredell County Jail Needs Assessment and Feasibility Study, Pender County Law Enforcement and Detention Center Study, Polk County Detention Center Needs Assessment/Feasibility Study, and Wayne County Law Enforcement and Detention Center Needs Assessment and Feasibility Study.

Moseley Architects was retained for two primary reasons – first, they had extensive experience successfully designing and overseeing construction of both courthouses and detention centers. Second and probably most important, they had a reputation of spending a lot of time on the front end with design and communication. This front end attention to detail and communication is the key to a good design and minimizing costly change orders.

—Tom Robinson, Former Rockingham County Manager (Rockingham County Judicial Center)

Jason Hopkins, AIA, Project Manager

Jason will provide project management and full planning and design support for the development of your new detention center. He will participate actively in the design process, facilitating effective communication between Moseley Architects, Orange County decision-makers, and our consultants on an on-going basis. Jason will derive criteria for planning decisions, provide planning and design, and provide quality control and project document coordination. He earned a B.S. in 2001 and a Master of Architecture in 2004. He is a licensed architect in North Carolina and a LEED AP. Relevant projects include the Beaufort County Public Safety Center, Bladen County Law Enforcement and Detention Center, Guilford County Jail Expansion, Mecklenburg County Jail Central and Jail North Security System Upfit, Rowan County Satellite Jail, Transylvania County Public Safety Facility, and Wayne County Satellite Jail.

Steve Nally, Construction Administrator

A resident of Orange County living only 15 miles from your project site, Steve brings a wealth of practical construction knowledge and problem solving ability to each project. These assets are coupled with his strong project management skills and attention to detail. Steve offers a critical eye on the construction site and contributes to project success by communicating effectively with clients, contractors, and the Moseley Architects team. With over 19 years of experience, he is certified as a California Division State Architect, is a LEED AP, and Green Classroom Professional. Relevant projects include the Rockingham County Judicial Center, Craven County Judicial Center, Halifax County Sheriff's Office and Jail Expansion, and numerous projects for the Chapel Hill-Carrboro Schools including Carrboro High School and Northern Elementary School.

Jim Cooper, RCDD, Security Systems/Telecommunications Designer

Jim is a security design specialist with over 26 years of experience in security electronics and data transport systems. He has extensive experience in access control, intrusion detection systems, SCIF facilities, CCTV systems, intercom, data/voice/video infrastructure, inside and outside cable plant design, wireless communication systems, and command and control centers. Project implementation has included initial assessments and studies, conceptual design, detailed design, construction documents, construction support and oversight, and system validation and acceptance testing. Jim earned a B.S. in Electronics Engineering Technology in 1995 and is a Registered Communications Distribution Designer. Relevant projects include the Beaufort County Public Safety Center, Bladen County Law Enforcement and Detention Center, Mecklenburg County Jail Central and Jail North Security System Upfit, Halifax County Sheriff's Office and Jail Expansion, and Wayne County Satellite Jail.

Jason Forsyth, PE, Mechanical, Plumbing, and Fire Protection Engineer

Jason offers over 16 years of experience including calculating HVAC loads, designing mechanical systems, and producing construction documents and specifications. He received a B.S. in Mechanical Engineering in 1999 and is a licensed professional engineer in North Carolina. He is also a LEED AP. Recent experience includes the Beaufort County Public Safety Center, Bladen County Law Enforcement and Detention Center, Camp Lejeune MCIEAST Regional Brig, Halifax County Sheriff's Office and Jail Expansion, Mecklenburg County Jail Central and Jail North Security System Upfit, and Wayne County Satellite Jail.

Brian Wells, PE, Electrical Engineer

Brian offers more than 10 years of experience in electrical engineering. His qualifications include site investigation, power systems design, communication system design, interior and site lighting design, emergency power systems, fire alarm system design, and plumbing and HVAC duct design. Brian received a B.S. in Electrical Engineering in 2005. He is a licensed professional engineer in North Carolina and a LEED AP. Relevant projects include the Bladen County Jail and Law Enforcement Center, Camp Lejeune MCIEAST Regional Brig, and Halifax County Sheriff's Office and Jail Expansion.

Jeffrey Mortensen, Plumbing Engineer

Jeff has 26 years of experience in the plumbing and mechanical engineering field. He will coordinate design with standards and requirements, develop the preliminary sizing and layout of plumbing system components, develop conceptual plumbing plans, and prepare technical specifications. Jeff received an A.A.S. in Applied Engineering in 1990 and is certified in plumbing design. Relevant projects include the Beaufort County Public Safety Center, Bladen County Law Enforcement and Detention Center, Camp Lejeune MCIEAST Regional Brig, Halifax County Sheriff's Office and Jail Expansion, and Wayne County Satellite Jail.

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Steven Cooke, PE, Structural Engineer

Steven has over 12 years of experience and will lead the implementation, production, timely coordination, and completion of the structural elements of your new detention center project. He attained a B.S. in Civil Engineering in 2003. He is a licensed professional engineer in North Carolina and a LEED AP. Recent experience includes the Beaufort County Public Safety Center, Bladen County Law Enforcement and Detention Center, Camp Lejeune MCIEAST Regional Brig, Rowan County Satellite Jail, and Wayne County Satellite Jail.

Words cannot express our gratitude for the efforts that you . . . have made in rendering exceptional service in connection with this project.
—Tony Brown, Halifax County Manager (Halifax County Sheriff's Office and Jail)

Melissa Herald, NCIDQ, Space and Interior Planning

Melissa has provided interior design and architectural support services for more than 10 years. She will work alongside our design team to provide space planning and create an integrated design that considers green strategies and materials. Her responsibilities include developing and coordinating elements requiring material and color selections, as well as facilitating the selection and approval process with the County. Melissa earned a B.S. in Interior Design in 2005. She is a registered with the National Council for Interior Design Qualification and is a LEED AP. Recent experience includes the Beaufort County Public Safety Center, Craven County Detention and Justice Center, Guilford County Detention Center, and the Rowan County Satellite Jail as well as and numerous projects for the Chapel Hill-Carrboro Schools.

John Nichols, PEM, Energy Efficiency Analytics

John serves as the firm's energy analytics specialist on high performance building projects. He contributes to the building design throughout each stage of a project, from energy modeling analyses in the earliest phases of planning and design to post-occupancy measurement and verification plans. John also assists in the selection of building materials and technologies that improve energy and water efficiency, using a life-cycle framework to minimize both environmental impact and operational costs. John earned a B.S. in Biology in 2003. He is a Professional Energy Manager, a LEED AP, and a Green Classroom Professional. Recent experience includes the Camp Lejeune MCIEAST Regional Brig, Rockingham County Judicial Center, and Transylvania County Public Safety Center, as well as and numerous projects for the Chapel Hill-Carrboro Schools.

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Laurie Gibbs, PREA Policy Development and Compliance Services

Laurie brings over 30 years of experience in law enforcement and jail facility administration and management with a focus on criminal justice risk and liability management issues; policies and procedures development; and detention and law enforcement standards, which include Prison Rape Elimination Act (PREA) and accreditation matters. Laurie has provided agency heads and county managers with assistance related to staffing plans, hiring schedules, liability reduction plans, and procuring of contracted services designed to minimize staff involvement and increase productivity. She has worked in and provided services to state and county detention agencies throughout the nation. Laurie received a Master of Criminal Justice in Correctional Administration in 1985, a B.S. in Criminal Justice/Pre-Law in 1982. Recent experience includes the Albemarle District Jail policies and procedures update and new policy development; Cabarrus County Sheriff's Office policies and procedures update and new policy development; and the Caswell County Detention Center PREA policy and procedures development, consulting, and staff training.

In terms of energy efficiency, Transylvania County wanted the facility to be a model for environmental performance, and Moseley Architects more than delivered.

—Sheriff David Mahoney, Transylvania County

SECTION 6: CONSTRUCTION ADMINISTRATION SERVICE DELIVERY MODEL

Moseley Architects believes our role during the design and construction phases of any project is one of client advocate to guard client interests; interface between owner and contractors to provide impartial and fair administration of the contract; observational enforcement to see that the work is completed and performed in accordance with the contract documents; and partnership with the owner and subcontractors to promote mutual understanding of the goals and requirements of each by the other for the benefit of the client and the success of the project.

Our staff of 23 full-time construction administrators focus on overseeing the construction administration/management process and are qualified in value engineering, design review, constructability study, scheduling, and cost estimating. A construction contract administration manager is assigned responsibility for shop drawing processing, preparation of supplemental drawings, payment request certification, and construction schedule monitoring. Job progress and costs are reviewed through a series of regular on-site meetings and recorded in writing.

With over 18 years of industry experience, Steve Nally, a resident of Orange County, will lead the construction administration efforts for our team. He will perform site visits and field observations, conduct project meetings, coordinate and respond to issues as they arise, and oversee that a high standard of quality is achieved. He will utilize our Meridian Prolog software, which is a construction-oriented, web-based application that will allow the design team, your staff, and the contractor to communicate effectively during the construction process. It also helps generate reports, status of submittals, and tracks project schedules.

Part of our Moseley Architects' construction administration services is to make one site visit per week, or more as needed. *If Orange County desires, we can provide full-time management on-site for the duration of the project just as we recently provided for the \$84 million Guilford County Detention Center Expansion, the largest building project in the county's history. The project bid approximately \$10M under budget and was completed two months ahead of schedule utilizing a construction manager-at-risk (CMAR) delivery method.* In Orange County, we also provided on-site construction administration services for Carrboro High School.

Our construction project manager will work closely with our proposed design project manager, Jason Hopkins, AIA and managing principal, Dan Mace, AIA, in order to maintain the continued involvement of the design team throughout the construction phase of the project.

I can say without hesitation, the selection of Moseley Architects to design and oversee construction of our detention expansion was the correct decision. . . . The facility was completed significantly under budget and two months ahead of schedule.

—Paul Gibson, Guilford County Commissioner

SECTION 7: UTILIZATION OF LOCAL CONSTRUCTION COMPANIES

The economic boost from a construction project such as the new Orange County Detention Center supports many local jobs and generates new tax revenues for county government. Moseley Architects will meet Orange County's expectations for local construction companies' participation. Our goal is to maximize the opportunity for these firms to participate in your project.

We will publicize and conduct local, minority, and small business forums prior to advertising the project for bids, thereby encouraging participation from the Orange County construction market for the upcoming opportunity and allowing these firms to plan accordingly. The public forum has proven to be a valuable tool in reducing overall building costs through enhanced competition.

Moseley Architects also encourages local, minority, and small business involvement by publishing all plan-holders on our Website so that general bidding contractors can see all subcontractors interested in the project. We can assist the county in identifying sub-contractor packages that can be suited to these businesses, thereby increasing participation.

As an example, Guilford County's new \$90 million detention facility was completed utilizing over 30 percent minority and small business enterprises.

The firm's professionalism, detention expertise, and responsiveness have been beyond compare. . . Moseley Architects was able to address our needs and deliver the project three months ahead of schedule and \$10 million under budget.

—Major CJ Williamson,
Court Services Bureau
Commander, Guilford
County Sheriff's Office



The 1,032-bed Guilford County Detention Center

SECTION 8: CURRENT ONGOING PROJECTS

Moseley Architects recognizes the importance of providing responsive service. We do not pursue a project if we do not have the staff available to deliver service that meets or exceeds the owner's expectations, or if we believe the new project would be detrimental to our performance on a current project. With the support and resources of the entire firm, which consists of 197 professionals, team leaders Dan Mace, AIA, Todd Davis, CJE, Jason Hopkins, AIA, and Steve Nally are committed to providing the time and attention required for the success this project. This track record of exemplary service is a key reason over 85 percent of our workload is for repeat clients. Our team is available to begin working with Orange County immediately.

A listing of current projects led by Dan Mace, AIA, managing principal for your project, is found below.

Project	Start Date	Expected Completion	Phase	Total Project Cost
Granville County Detention Center Needs Assessment, NC <i>176 beds/250 core</i>	10/2014	6/2015	Study	Study
Johnston County Detention Facility Study, NC <i>Approximately 250 beds/350 core</i>	5/2015	9/2015	Study	Study
Polk County Detention Center Needs Assessment, NC	6/2015	9/2015	Study	Study
Durham County EMS Facilities Space Planning Study, NC	2/2015	9/2015	Study	Study
Nash County Courthouse & Sheriff's Office Expansion, NC	5/2015	7/2017	Programming	\$12,000,000
Stokes County Jail Expansion <i>104 beds</i>	6/2015	6/2017	Schematics	\$5,500,000
Bladen County Law Enforcement & Detention Center, NC <i>220 beds/250 core</i>	11/2014	12/2016	Bidding	\$17,592,600
Mecklenburg County Integrated Security System Replacement for Jail North and Jail Central, NC	6/2013	5/2017	Bidding	\$6,200,000
Wayne County Satellite Jail <i>217 beds/250 core</i>	10/2014	6/2016	Bidding	\$9,000,000
Dorchester County Detention Center, SC <i>352 beds/500 core</i>	7/2013	7/2016	Construction	\$19,152,000
Iredell County Detention Expansion, NC <i>380 beds/1,000 core</i>	On hold	On hold	On hold	\$20,000,000

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Dan is currently working on three projects (Durham, Granville, and Johnston Counties) that are within a one-hour drive of your proposed site in Hillsborough. He can easily coordinate trips to Orange County to reduce costs of travel.

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Similar detention facilities designed by Dan Mace, AIA, managing principal for your project, include:

Bladen County Law Enforcement & Detention Center, Elizabethtown, NC

220 beds (250 bed core); 65,600 SF; indirect supervision. The jail and law enforcement portions of this facility will be accessed by the public via a centralized lobby containing a receptionist/waiting area and a video visitation area. Located between the public lobby and the facility's staff intake/booking entrance will be the magistrate's office, with access from either entrance. The facility includes a vehicular sallyport, intake, and booking areas. Six housing pods consist of five individual-cell pods and one dormitory pod, enabling better classification and separation of inmates. All housing pods will have video visitation capability and access to the centralized outdoor recreation area. The cells are prefabricated modular steel units that are extremely durable and low maintenance.

One second floor master control room, which provides for a more compact staff-efficient building plan configuration, will control all housing pods and the outdoor recreation area. This control room provides excellent sight lines, allowing staff to easily see into each of the housing units from this one location.

Moseley Architects provided a needs assessment and feasibility study; architecture; mechanical, electrical, plumbing, fire protection, and structural engineering; interior design; and security systems design. We will also provide transition and activation services and construction administration.

- Completion Date: Project bidding in June of 2015.
- Owner's contact: Greg Martin, County Manager, (910) 862-6700
- Firm's project manager: Dan Mace, AIA/Jason Hopkins, AIA
- Original contract amount: \$14,300,000 (construction estimate)
- Number and total amount of change orders: TBD
- Total project cost (inclusive of change orders): TBD

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SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Beaufort County Public Safety Complex, Washington, NC

172 beds (300 core); 82,715 SF; indirect and direct supervision. The detention portion of this new law enforcement and detention facility includes prefabricated modular steel cells and showers in indirect supervision dayrooms with recreation yards as well as a kitchen/laundry area, enclosed vehicle sallyport, intake/booking area with prefabricated modular steel holding cells, medical suite, video visitation, and magistrate's offices. The law enforcement portion contains a fully redundant E-911 and EOC, as well as evidence processing and storage, training room, locker rooms, records storage, and administrative offices for the sheriff, investigations, and narcotics.

Moseley Architects provided a needs assessment/feasibility study; architecture; mechanical, electrical, plumbing, fire protection, and structural engineering; interior design; and security systems design. We will also provide transition/activation services and construction administration.

- Completion Date: Design completed in 2014. Construction on hold.
- Owner's contact: Randell Woodruff, Former County Manager (current Pender County Manager), (910) 259-1200
- Firm's project manager: Dan Mace, AIA/Jason Hopkins, AIA
- Original contract amount: \$17,000,000
- Number and total amount of change orders: TBD
- Total project cost (inclusive of change orders): TBD



"I have known Todd Davis [of Moseley Architects] for over a decade and interact with him frequently in his role as Director of Criminal Justice Planning and Development. Todd is one of the most knowledgeable professionals that I have ever met in the field of jail planning and operations. I have benefitted immensely as Sheriff by my relationship with Todd. Every time we meet I learn something new and I always welcome his opinion."—Sheriff Alan Jordan, Retired, Beaufort County

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Harnett County Law Enforcement and Detention Center, Lillington, NC

300 beds (400 core); 104,388 SF; indirect and direct supervision. The jail portion of the facility consists of housing units with rear-facing plumbing chases, booking and intake with vehicular sallyport, a medical wing, kitchen and laundry, magistrates office, and a public lobby with administrative offices. The law enforcement center includes a vehicle bay, armory, evidence storage, various labs, and locker rooms with showers and fitness room. The facility also includes E-911.

Moseley Architects provided master planning, a needs analysis, and feasibility study; full design services including security design and interiors; transition consulting and staff training, and construction administration.

- Completion Date: March 2009
- Owner's contact: Major Gary McNeill, (910) 893-0102
- Firm's project manager: Dan Mace, AIA
- Original contract amount: \$22,904,380
- Number and total amount of change orders: 54 change orders, including owner-requested and unforeseen field conditions; \$286,180
- Total project cost (inclusive of change orders): \$21,742,620



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"Moseley Architects' planning process was thorough and included many meetings with our staff, the committee and others closely associated with the project. I want to commend you for the countless hours and interest that addressed our needs."
—Tony Wilder, Former Assistant County Manager of Harnett County

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Rockingham County Detention and Judicial Center, Reidsville, NC

222 beds (300 core); 176,457 SF; indirect and direct supervision; LEED Gold. This facility addresses the county's detention, law enforcement, and court needs. The three-story courthouse sits on the most visible location on the site. Directly behind and connected to the courthouse is the new law enforcement and detention center. The facility is the first justice complex in the Eastern United States to achieve LEED Gold certification.

Moseley Architects provided master planning; programming, needs analysis, and a feasibility study; full service design including interiors and security systems; transition consulting and staff training; and construction administration.

- Completion Date: March 2011
- Owner's contact: Sheriff Sam Page, (336) 634-3239
- Firm's project manager: Dan Mace, AIA
- Original contract amount: \$39,059,504 (includes court complex, law enforcement, and detention facilities)
- Number and total amount of change orders: 141 change orders, including owner-requested and unforeseen field conditions; \$124,984
- Total project cost (inclusive of change orders): \$37,881,994



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“Moseley Architects was retained for two primary reasons – first, they had extensive experience successfully designing and overseeing construction of both courthouses and detention centers. Second and probably most important, they had a reputation of spending a lot of time on the front end with design and communication. This front end attention to detail and communication is the key to a good design and minimizing costly change orders.” —Tom Robinson, Former Rockingham County Manager

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Sampson County Law Enforcement and Detention Center, Clinton, NC

250 beds (300 core); 60,226 SF; indirect and direct supervision. This facility includes a main lobby with receptionist work area and a waiting area with video visitation. Adjacent to the lobby is the sheriff's office. The jail includes a vehicular sallyport, intake, booking, and magistrate areas. All housing pods have video visitation rooms and outdoor exercise areas that are controlled by one central control room. Rear chases in the housing units minimize disruption during maintenance.

Moseley Architects provided a needs assessment and feasibility study; full design services including security design and interiors; transition consulting and staff training; and construction administration.

- Completion Date: December 2006
- Owner's contact: Sheriff Jimmy Thornton, (910) 592-4141
- Firm's project manager: Dan Mace, AIA
- Original contract amount: \$9,339,800
- Number and total amount of change orders: 6 change orders; \$227,728
- Total project cost (inclusive of change orders): \$9,142,228



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“During this project, I have worked closely with Dan Mace, who has demonstrated professionalism, depth of knowledge and expertise in detention design, in addition to concern for the owner’s interest. As a result, we have been able to make decisions that are cost effective without compromising operational efficiency and security.”—Sheriff Jimmy Thornton

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Transylvania County Detention and Public Safety Facility, Brevard, NC

120 beds (250 core); 63,078 SF; indirect and direct supervision; LEED Silver. This facility is composed of a jail, sheriff's offices, E-911 dispatch, and an emergency operations center. The main lobby includes a receptionist work area and a waiting area with video visitation. Adjacent to the lobby is the E-911 communications center and emergency operations center. The facility also accommodates chief deputies offices, a detectives division, patrol division, and jail administration. Spaces include a break room, training room, and male and female locker rooms. The facility provides a vehicle sallyport, intake, booking, and magistrate's areas. All housing pods have video visitation rooms and outdoor exercise areas and are controlled by one central control room. The facility also has a kitchen with warehouse space, laundry room, and ancillary spaces required for a facility of this type. The LEED Silver facility is the first public safety center to earn certification in North Carolina. It is also the first LEED public safety facility in the nation to include a jail component.

Moseley Architects provided master planning, needs analysis, and feasibility study; full design services including security design and interiors; transition consulting and staff training; and construction administration.

- Completion Date: August 2009
- Owner's contact: Sheriff David Mahoney, (828) 884-3168
- Firm's project manager: Dan Mace, AIA
- Original contract amount: \$17,044,000
- Number and total amount of change orders: 97 change including owner-requested and unforeseen field conditions; \$365,016
- Total project cost (inclusive of change orders): \$17,409,018

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"The facility was completed in 2009 and has proven to be secure, user and staff efficient, operations and maintenance friendly, and energy efficient, one that we are extremely proud of."—Sheriff David Mahoney, Transylvania County

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Rowan County Satellite Jail, Salisbury, NC

160 beds (320 core); 27,621 SF; indirect supervision. Rowan County required this satellite facility due to the inability to expand at their existing detention center site. This project consists of a staff-efficient minimum security facility. Open dormitory housing with four indirect supervision pods are located adjacent to the main control center for maximizing inmate observation. All dormitories have direct access to natural daylight and a recreation yard directly accessible from each day room. Video visitation allows inmates to have video conversations with family members. As a smaller jail facility, the spaces were programmed to accommodate multiple functions. Booking with an enclosed sallyport allows direct transfer of inmates out of sight of the general public. A warming kitchen to serve 320 inmates is provided along with laundry services. Administrative offices with private break-room and conference for staff are also included in the facility.

Moseley Architects provided; architecture; structural engineering; interior design; and security systems design; and construction administration. Our staff also provided transition and activation services; contract services review; and operational FF&E procurement.

- Completion Date: July 2012
- Owner's contact: Sheriff Kevin Auten, (704) 216-8700
- Firm's project manager: Dan Mace, AIA/Jason Hopkins, AIA
- Original contract amount: \$5,300,000
- Number and total amount of change orders: 14 change including owner-requested and unforeseen field conditions; \$294,031
- Total project cost (inclusive of change orders): \$5,250,432

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“. . .the county and Moseley Architects worked in partnership to complete the [Satellite Jail] on time and under budget. . . I have no reservations in recommending Moseley Architects to any of my colleagues or public entities, based on my personal experience.”—Gary Page, Former Rowan County Manager

SECTION 9: PREVIOUS EXPERIENCES ON SIMILAR PROJECTS

Wayne County Satellite Jail, Goldsboro, NC

217 beds (250 core); 37,546 SF; indirect supervision. *This minimum/medium security facility is based on the prototype jail facility designed by Moseley Architects for Rowan County, found on the previous page.* It was customized for Wayne County's specific needs and requirements. The staff-efficient facility provides officer safety features throughout. Three 64-bed indirect supervision housing units and one 27-bed housing unit with prefabricated modular steel cells are located adjacent to two control rooms for maximized inmate observation. All housing units have direct access to natural daylight and a recreation yard directly accessible from each day room. The facility includes a video visitation area, booking area, enclosed vehicular sallyport, warming kitchen, laundry facility, administrative offices, and conference room.

The satellite jail is intended to solve an immediate need for housing while the county and Moseley Architects conduct a needs assessment study for a full replacement detention center. The satellite jail is located on the site to allow location of the full replacement detention center on the same campus with a connection between the two.

Moseley Architects provided a needs assessment and feasibility study; architecture; mechanical, electrical, plumbing, fire protection, and structural engineering; interior design; and security systems design. We will also provide transition and activation services and construction administration.

- Completion Date: This project will bid in June of 2015.
- Owner's contact: Sheriff Larry Pierce, (919) 731-1481
- Firm's project manager: Dan Mace, AIA/Jason Hopkins, AIA
- Original contract amount: \$9,000,000
- Number and total amount of change orders: TBD
- Total project cost (inclusive of change orders): TBD

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SECTION 10: OUTSIDE CONSULTANTS

Civil Consultants
3708 Lyckan Parkway,
Suite 201
Durham, NC 27707
(919) 490-1645

Civil Consultants, Inc., our proposed civil engineering consultant, provides professional site planning and civil engineering services to clients engaged in site and facility development activities. For more than 20 years, the firm has successfully served local government clients in North Carolina. The firm has worked successfully with Moseley Architects since 2009.

Civil Consultants' professionals are very familiar with Orange County government, and with local and state regulatory requirements applicable to projects within Orange County. They are knowledgeable of local design and construction practices, as well as site and subsurface conditions typically or non-typically encountered in Orange County, and understand that site conditions, and more specifically, subsurface conditions, are often the most cost-vulnerable area for a construction project. Their work is done with a keen awareness of the need to effectively manage the inherent risks associated with known or unknown adverse subsurface conditions.

Tony Whitaker, PE, president of the firm and Orange County resident, will lead Civil Consultants' engineering services for our team. He offers over 30 years experience in site evaluations, land planning, civil engineering design, regulatory compliance, construction monitoring, and project management on hundreds of diverse land development projects across North Carolina. This includes several projects located along the Old NC Highway 86 corridor, which are within one mile of your project site, including the Old Mill Business Park, State Employee's Credit Union, sanitary sewer extension, and Oakdale Village. Additional relevant projects completed by Tony and the firm include the Orange County Animal Services Facility and the Orange County Solid Waste Operations Facility.

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Moseley Architects and Civil Consultants collaborated on Northside Elementary School, North Carolina's first LEED Platinum elementary school, located in Chapel Hill.

SECTION 10: OUTSIDE CONSULTANTS

CLH Design
400 Regency Forest
Drive, Suite 120
Cary, NC 27518
(919) 319-6716

CLH Design, our proposed award-winning consultant for landscape architecture, is an 18-person, Cary, North Carolina design firm. The firm has completed 30 projects with Moseley Architects over the last 11 years, including Carrboro High School, which is located in Orange County.

Established in 1993, CLH Design is certified as a Historically Underutilized Business (HUB), Woman Owned Business Enterprise (WBE), with the State of North Carolina, Department of Administration and the Federal Government.

CLH Design has wide-ranging experience in the successful planning and construction of local government and public facilities, which includes nearly 30 public safety projects in the last three years alone. The firm has a clear understanding of issues important to this type of project, such as ease of vehicular flow and maneuverability, visibility and security, separating uses, and integrating best management practices.

Zak Pierce, ASLA, PLA, specializes in landscape architecture, and will lead CLH's services for your project. Zak has over eight years of experience, including most of the firm's public safety projects. Recent projects include the Orange County EMS Station prototype, Wake County Sheriff's Training Facility, Apex Public Safety Station 5, Wake County Crisis Stabilization Center/Facility Based Crisis Center at WakeBrook, City of Raleigh Fire Station 12, and Morrisville Fire Station 1. Zak is currently serving as the President-Elect for the North Carolina Chapter of the American Society of Landscape Architects for 2015.

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Moseley Architects and CLH Design collaborated on Carrboro High School, North Carolina's first LEED Silver high school, located in Chapel Hill.

SECTION 10: OUTSIDE CONSULTANTS

Foodesign Associates
5828 Oak Drive
Charlotte, NC 28227
(704) 545-6151

Foodesign Associates (FDA) has served the architectural community as a food facilities consulting firm since 1977. The firm has completed over 90 projects with Moseley Architects during the last 20 years, 44 of which have been detention/correctional facilities.

Although certified as a small business entity (SBE), the firm is a nationally recognized firm with significant experience in the design of food service facilities across the country. FDA has a thorough understanding of security measures involved in kitchen planning for both design layout and equipment feature standpoints. Many of these facilities have also included laundry design services.

John Barja, president of FDA, will manage the firm's services for team. He has over 35 years of experience in the design of more than 1,000 projects involving all aspects of food facilities and laundry design including existing facility evaluation, renovation, and new project planning, programming, technical execution, and site supervision. His responsibilities include in-house administration throughout the project, having personal contact for coordination between all design team disciplines. John also provides systems analysis, on-site evaluation reports, and future planning recommendations. He is familiar with conventional and cook-chill production systems for direct and indirect supervision facilities.

Relevant projects with Moseley Architects include the Guilford County Detention Center, Halifax County Sheriff's Office and Jail Upgrade, Harnett County Law Enforcement and Detention Center, Rowan County Satellite Jail Facility, Rockingham County Judicial Center, Transylvania County Public Safety Facility, Wayne County Satellite Jail, Camp Lejeune MCIEAST Regional Brig, and Butner Federal Correctional Institution.

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Harnett County Law Enforcement and Detention Center

SECTION 11: WILLINGNESS TO AFFILIATE WITH MINORITY, WOMAN-OWNED, OR DISADVANTAGED BUSINESSES

Moseley Architects is committed to cooperating with you meet your diversity participation goals. In the last five years, we have spent more than \$20 million dollars with small, minority, women-owned, and disadvantaged businesses. This history includes over two dozen firms on more than 250 projects. These firms have provided structural engineering, MEP engineering, food service planning, environmental, cost estimating, geotechnical engineering, historical architecture, landscape architecture, civil engineering, technology planning, and programming services.

We have also implemented effective strategies to encourage local business participation for the construction effort. This public forum concept has shown dramatic improvement of local, small, minority, woman-owned, and disadvantaged businesses.

Our proposed team for Orange County includes CLH Design for landscape architecture and Foodesign for food service planning. CLH is certified as a Historically Underutilized Business (HUB), Woman Owned Business Enterprise (WBE), with the State of North Carolina, Department of Administration and the Federal Government. Foodesign is certified as a small business entity (SBE).

If the County would like Moseley Architects to provide necessary geotechnical, environmental, construction, and special inspections services, we have been in contact with Building & Earth Sciences, a certified MBE/WBE firm located in Garner who has successfully served Orange County.

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We will be happy to discuss affiliating with additional small, minority, woman-owned, or disadvantaged businesses for your project.



The Montgomery County Jail

SECTION 12: QUALITY CONTROL PROCESSES

Moseley Architects' quality control program begins with our commitment to provide high quality drawings and specifications. The quality of documents may affect the ability of contractors to predict project cost accurately, and accordingly submit more competitive bids. Our quality control plan provides formats used by our project team as they progress through the various design and construction phases. Examples include:

Redi-Check Review — First developed in 1981, Redi-Check is the only coordination review system recognized by both the American Institute of Architects and the American Consulting Engineers Council. The purpose of this additional review is to reduce or eliminate inconsistencies among the various disciplines that could lead to change orders. To provide a fresh perspective, the review will be performed by a senior staff member who has not been directly involved in production of the documents.

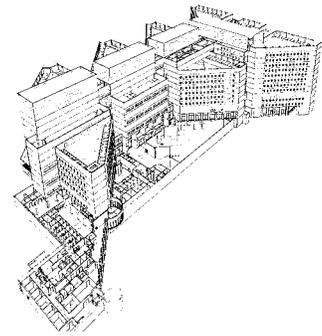
Building Information Modeling — Moseley Architects utilizes Autodesk Revit building information modeling (BIM) software at all stages of design. It allows users to design a building and its components in 3D, annotate the model with 2D drafting elements, and access building information from the building models database. The software features “clash detection,” a powerful tool that helps to identify and avoid potential problems before construction starts.

Online Operations and Procedures Manual — we have developed detailed guidelines for the tasks necessary to execute projects successfully. These guidelines are documented in the firm's online Operations and Procedures Manual, accessible to all of the firm's staff via its Intranet site and includes detailed scheduling and project management software to assist in keeping our projects on schedule.

Cost Control — Our team has developed reliable correctional facility cost models and will prepare detailed line item cost estimates at strategic points during the design phase of work. We will seek your approval of our scope and budget before proceeding to subsequent development phases so that the budget can be strictly enforced. Our team will work alongside Orange County to identify cost-saving measures and ideas in order to vet them against life cycle cost and budgetary considerations.

Our experience has shown that costs can be significantly reduced by designing efficient housing and core layouts that minimize wasted corridor travel distances. This also creates a more efficient and safe operating environment. Building systems and materials selected need to be low maintenance and durable. The exterior perimeter needs to be minimized, where possible. We can identify long lead purchase items such as HVAC or electrical equipment, and consider early site work construction activities that may significantly reduce the construction duration. This can save significant money if we can reduce and tighten the project delivery schedule.

In the last five years, each of the detention projects designed and constructed by Moseley Architects for your North Carolina neighbors has been completed well within the owner's established budget. This includes our detention center projects in Cumberland, Camp Lejeune, Guilford, Mecklenburg, Rowan, and Rockingham Counties.

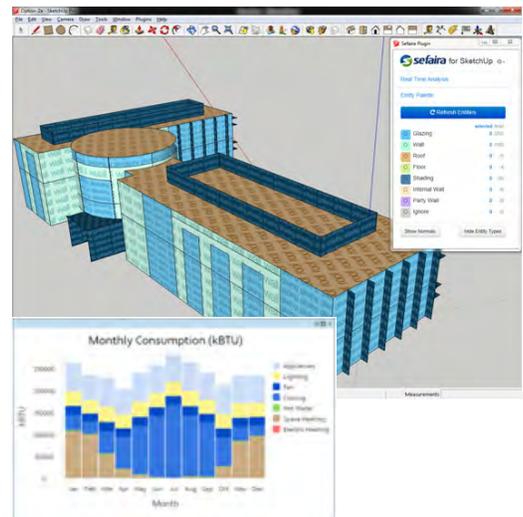


BIM image of Jail Central in Mecklenburg County. Moseley Architect is providing security upgrades to Jail Central and Jail North, which is currently the largest security upgrade in the country.

SECTION 12: QUALITY CONTROL PROCESSES

Energy Efficiency and Life Cycle Costing — Moseley Architects has become a nationally-recognized leader in high performance, sustainable design. We have a refined set of tools that assist us in analyzing design decisions through a variety of lenses, so that the design team (which includes you) can make informed decisions about the design of your building. These tools include conceptual energy modeling (during conceptual and schematic design phases), detailed energy modeling (during the construction documents phase), daylight modeling (an iterative process throughout all phases of design), cost/benefit analyses for select strategies, and the use of LEEDonline to document credit achievement for projects pursuing LEED certification.

As part of the schematic design process, our team will create a conceptual ultra-energy model for your project, exploring ways to optimize the energy performance of your facility. This stage of the project is crucial for determining the optimal massing and layout of the building on the project site, as well as the best locations and sizes of glass for daylighting and passive solar design. Modeling programs such as Sefaira Concept will analyze the physical architecture of each building and serve as the basis for investigating strategies to minimize HVAC, lighting, and plug load consumption. As the design evolves, we utilize more detailed energy modeling software such as Trane Trace to further compare the benefits of a variety of envelope and equipment options. This modeling approach also supports the appropriate deployment of renewable energy systems, after energy efficiency has been maximized. Our team has successfully utilized conceptual energy modeling on many projects, which can yield energy savings of up to 40 percent. Reducing energy consumption in this way has clear benefits for both the environment as well as your operating expenses and bottom line.



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We routinely perform life cycle costing studies and consider future maintenance requirements included in our designs. Frequently, key building systems offer owners multiple options for consideration, with one system offering the benefits of reduced initial capital costs, versus an alternative system offering the benefits of reduced annual maintenance and energy operating expenses. We will work with Orange County to establish evaluation criteria for these alternative systems, including an acceptable payback time frame (five, 10, 15 years).

The economic merit of any feature is a function of its durability, reliability, and maintainability. When these qualities are sacrificed in favor of initial cost, the impact on future costs often destroys the economic validity of such a trade-off.

Ongoing maintenance costs in a completed building are directly impacted by decisions made throughout the design process. We will analyze potential building systems, equipment, and materials to identify those that will result in the lowest overall maintenance cost and least complex maintenance requirements consistent with required function, performance, durability, reliability, and aesthetics. Special attention will be paid to those security system equipment and devices that are most vulnerable to potential maintenance problems such as touchscreen workstations, security cameras, video surveillance recording devices, card readers, and intercoms.

MOSELEY ARCHITECTS

CHARLOTTE
FAIRFAX
HARRISONBURG
RALEIGH-DURHAM
RICHMOND
VIRGINIA BEACH
WARRENTON

May 21, 2015

Mr. David Cannell, Purchasing Agent
Orange County Purchasing Department
200 S. Cameron Street
Hillsborough, NC 27278

Dear Mr. Cannell and Members of the Selection Committee:

Since our firm's formation, Moseley Architects has experienced controlled, progressive growth in staff size and project types. This growth indicates our firm's commitment to responsible fiscal and project management, resulting in fulfillment of our financial and professional responsibilities.

In the last 10 years, our firm has had only one project, which is current, involved in court litigation. The project, located in Colorado, is for Sunrise Senior Living.

For further information, please contact:

Ms. Kathy Blanchard
BB&T Insurance Services
2108 W. Laburnum Avenue, Suite 300
Richmond, VA 23227
(804) 678-5000

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Sincerely,



Daniel R. Mace, AIA, LEED AP
Managing Principal

SECTION 14: HOURLY BILLING RATES

Principals	\$195
Architects	
• Senior Project Manager	\$170
• Project Manager	\$133
• Architect	\$128
• Intern Technician	\$84
Security and Detention Design	
• Security Design Specialist	\$160
Engineering Director	\$195
Mechanical/Electrical/Plumbing/Engineering	
• Senior Engineer	\$148
• Engineer/Designer	\$121
• Intern Technician	\$84
Structural Engineering	
• Senior Engineer	\$133
• Engineer/Designer	\$111
• Intern Technician	84
Corrections Planner	\$195
Construction Administration	
• Construction Administrator	\$128
Specification Writer	\$128
Sustainability Planning	
• Sustainability Planning Director	\$148
• Energy Analyst	\$124
• Sustainability Coordinator	\$111
Interior Design	
• Interior Designer	\$84
Administrative	\$59

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Moseley Architects has met and exceeded our expectations for services and made this project a positive experience for all team members.

Their architects, security engineer, project manager, and construction administrator were extremely knowledgeable and a pleasure to work with.

- Bryan Turner,
AIA, Senior Project
Manager, Mecklenburg
County Asset and
Facility Management
(Mecklenburg County
Arrest Processing Center
Renovation)

Rates are subject to change on January 1 of each year.

Moseley Architects typically proposes a lump sum, all inclusive fee, which includes reimbursable expenses such as travel and incidental expenditures. Should you select our team, we will negotiate a suitable fee that is acceptable to you and one that provides you with a level of service you require.

**SECTION 15: WILLINGNESS TO SIGN
STANDARD CONTRACT AGREEMENT**

Moseley Architects is willing to sign Orange County’s Standard Contract Agreement for Design Consultant Services. We are excited for the opportunity to serve Orange County for this important capital project.

Thanks Dan for all of your team support, and we appreciate your relationship with our agency during the whole process. You all have done us proud.

—Sheriff Sam Page
Rockingham County
(Rockingham County
Law Enforcement and
Judicial Center)



The Rockingham County Judicial Center, which includes detention, law enforcement, and courts, was completed on time and significantly under budget. The facility is the first justice complex in the Eastern US to achieve LEED Gold certification.