

Juhand C. Waller, P.E.

CHIEF OPERATIONS OFFICER

Chief Operations Officer, with experience in the strategic planning, development and management of a civil engineering consulting firm. Extensive knowledge and experience in the area of site development and Corporate Office operations. Has over seven years of experience creating and managing business and has the proven ability to grow a business or market segment through the successful analysis of market trends and indicators.

Core Competencies & General Management Strengths Include

- Strategic /Operational Planning
- Client Management
- Budget Management
- Operational Efficiencies
- Market/Product Diversification
- Forecasting, Capital Planning & Banking Relations
- Project Management
- Business Development
- Regulatory Compliance
- Staff/work load Planning & Management

Education

North Carolina Agricultural and Technical State University
M.S., Civil Engineering, Focus Urban Planning and Residential Development,
December 2006.

North Carolina Agricultural and Technical State University
B.S., Civil Engineering, May 2005.

Certification

North Carolina Agricultural and Technical State University Waste Management
Institute, Waste Management certificate, May 2005

North Carolina Board of Examiners for Engineers and Surveyors
Professional Engineer License, June 2009

South Carolina Board of Examiners for Engineers and Surveyors
Professional Engineer License, September 2010

Virginia Board for Professional Engineers
Professional Engineering License, August 2012

Professional Experience

Chief Executive Officer/Founding Principal

JC Waller & Associates (2013-present)
Greensboro, North Carolina

Is the founding Principal of a civil engineering design firm who responsibilities are to develop the vision and operational procedures for the firm, oversee and manage the day-to-day operations of the Corporate Office. Supervise assigned personnel, allocate work, and make decisions regarding employment, performance appraisals, training and development, salary recommendations, and promotions. Oversee all treasury activities including banking, investments, and liquidity management of the corporation. Ensures the strategies comply with relevant statutes, regulations, and policies. Ensure that in-depth testing of internal information technology systems is conducted, as required, to improve information technology usage and

Juhand C. Waller, P.E.

capabilities. Perform business development efforts to market services to the clients as well as non-client. Communicate a vision for the organizational success that motivates others. Direct and oversee the management in the area of finances, including all duties and accountabilities as identified in the Strategic Plan, while effectively managing expenditures and annual budgets.

Chief Executive Officer/Founding Principal

JC Waller & Associates, PC (2013-Present)
Greensboro, North Carolina

Is the founding Principal of a civil engineering design firm who responsibilities are to develop, manage and implement the vision and strategic plan for JC Waller & Associates, PC. Supervise assigned personnel, allocate work, and make decisions regarding employment, performance appraisals, training and development, salary recommendations, and promotions. Oversee all treasury activities including banking, investments, and liquidity management of the corporation. Ensures the strategies comply with relevant statutes, regulations, and policies. Ensure that in-depth testing of internal information technology systems is conducted, as required, to improve information technology usage and capabilities. Perform business development efforts to market services to the clients as well as non-client. Communicate a vision for the organizational success that motivates others. Direct and oversee the management in the area of finances, including all duties and accountabilities as identified in the Strategic Plan, while effectively managing expenditures and annual budgets.

Chief Operations Officer/Founding Principal

Covington-Waller & Associates (2009-2013)
Greensboro, North Carolina

Is the founding Principal of a civil engineering design firm who responsibilities are to oversee and manage the day-to-day operations of the Corporate Office. Supervise assigned personnel, allocate work, and make decisions regarding employment, performance appraisals, training and development, salary recommendations, and promotions. Oversee all treasury activities including banking, investments, and liquidity management of the corporation. Ensures the strategies comply with relevant statutes, regulations, and policies. Ensure that in-depth testing of internal information technology systems is conducted, as required, to improve information technology usage and capabilities. Perform business development efforts to market services to the clients as well as non-client. Communicate a vision for the organizational success that motivates others. Direct and oversee the management in the area of finances, including all duties and accountabilities as identified in the Strategic Plan, while effectively managing expenditures and annual budgets.

Adjunct Professor

North Carolina Agricultural & Technical State University (2009-Present)
Greensboro, North Carolina

Responsibilities include teaches the Civil Engineering Systems Design I and II (Senior Capstone Class), civil engineering AutoCADD, and the Fundamentals of Engineering Review course. The Civil Engineering Systems Design I and II courses are senior level courses, that places emphasis on working in teams to solve practical and comprehensive civil engineering design project issues. These courses allow students to work within real world parameters, including use of local codes, ordinances and pertinent engineering practices. The Civil Engineering AutoCADD course, is a sophomore level CAD class, where students are taught how to use the AutoCADD's Civil 3D software. The Fundamentals of Engineering Review course, is a senior level course where the students review and are taught strategies for passing the Fundamentals of Engineering Exam.

Juhand C. Waller, P.E.

Project Engineer II

Timmons Group (2005-2009)
Greensboro, North Carolina

Responsibilities included designing portions of a project using relevant office software, modeling and CADD technology; complete calculations using engineering formulas and skills and/or utilize computers in order to solve problems; prepare specification materials through the use of research and manufacturing catalogs to specify materials, installation, inspection and payment of items specific to a project; lead the work of CADD Technicians in order to complete design details and plan sets; perform research and write objective summary reports which are used in the completion of project work or inspection; assist in the preparation of engineering and construction cost estimates; complete field observation, inspection and data collection duties as directed by senior engineering staff; communicate with clients, staff, and internal design team as directed by senior engineering staff; provide guidance and may direct the activities of non-exempt staff in completion of assigned work.

Facilities Engineer Intern

North Carolina A&T State University (2004-2005)
Greensboro, North Carolina

Responsibilities include the creating and maintenance of access database of minority contractors; Track progress of various on-going construction projects; The Procurement and set-up of equipment for a plan viewing room; Develop and implementation of a CADD submittal guideline for campus Facilities Engineering Department.

Project Engineer Intern (Engineer Technician II/ VDOT Scholar)

Virginia Department of Transportation (VDOT) (Summer 2002, 2003, 2004)
Suffolk, Virginia

Responsibilities included the design of bridges and bridge approaches in accordance with VDOT's objectives, guidelines, and applicable federal laws and regulations: review preliminary bridge design calculation prepared by professional consultants and builders; critique proposed bridge site layouts and perform cost estimates; prepare engineering and construction drawings of bridge projects assigned, ensuring that features of the design meet bridge standards. Assist in the inspection and determination of bridge/tunnel conditions, and the assessment of bridge/tunnel repairs and maintenance.

Selected Project Experience

College & University

Gateway University Research Park-Joint School of Nanoscience and Nanoengineering-Greensboro, NC (*\$64 Million total construction value*)

Provided CE site design services for development of 88,000 SF, LEED Gold certified laboratory and office building with 216 space parking lot. The site design included 2- dry detention ponds for stormwater management, rock aprons for pipe discharge, storm sewer piping, parking lot layout, site grading, and applicable sediment and erosion control measures which included sediment traps and basins, 1,200 LF water and 500 LF sanitary sewer utilities. The site design also included developing a Stormwater Management Plan and obtaining all applicable state and local site permits.

Juhand C. Waller, P.E.

NC Agricultural & Technical State University-Graduate Engineering Center-Greensboro, NC (\$5 Million total Construction value)

Provided CE site design services for 14,000 GSF research center as an addition to existing building. The design services included the design and sizing of 481 LF of water, 659 LF sanitary sewer, 509 LF of 60" storm sewer infrastructure, the reconfiguration of an existing parking facility, site grading, the design of applicable erosion and sediment control measures. The site design also included the development of a Stormwater Management Plan. Applied for all applicable state and local site permits.

K-12 Schools

McLeansville Elementary School Media Center & Classroom Addition-Greensboro, NC (\$3.1 Million total construction value)

Provided CE site design services for the demolition and reconstruction of a 22,000 GSF media center. The design services included the design of 220 LF of water and 520 LF of sanitary sewer infrastructure, storm sewer piping, parking facilities, rock aprons for pipe discharge, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

High Point Central High School Gymnasium Renovations-Hight Point, NC (\$5.3 Million total construction value)

Provided CE site design services for the demolition and reconstruction of a 14,974 GSF lobby and wing addition. The design services included the design of 100 LF of water and 100 LF of sanitary sewer infrastructure, storm sewer piping, parking facilities, Americans with Disabilities (ADA) access, rock aprons for pipe discharge, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

Commercial/Urban Development

Woodlea View Senior Living Facility-Greensboro, NC (total construction value not available)

Provided CE site Master Planning services for the construction of a 66 unit 3- story senior living facility. Some of the site amenities included walking trails, gardening areas, and a covered picnic area. The CE services provided also included site rezoning services which required conducting public meetings and preparing the required documents and presentation materials for public meetings and presentations before the Zoning Commission and the City of Greensboro City Council.

House of Angels Childcare Center-Greensboro, NC (\$100 Thousand total construction value)

Provided CE site design services for the renovation of an existing daycare facility to a childcare center. The design services included the design of parking facilities, landscape areas, ADA site access, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

New Zion Redevelopment A-1-Greensboro, NC (total construction value not available)

Provided CE site Master Planning and design services for the construction of a 28,670 GSF sanctuary and 41,000 GSF of mix-use development. The design services included the design of water and sanitary sewer infrastructure, storm sewer piping, parking facilities, stormwater BMPs, landscape area, ADA site access, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

Juhand C. Waller, P.E.

Religious Institutional

Trinity Chapel Church-Winston-Salem, NC (*\$1 Million total construction value*)

Provided CE site design services for the construction of a 2,400 GSF sanctuary. The design services included the design of water and sanitary sewer infrastructure, storm sewer piping, parking facilities, landscape area, ADA site access, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

God's United House of Grace & Mercy-Winston-Salem, NC (*\$1 Million total construction value*)

Provided CE site design services for the construction of a 9,800 GSF sanctuary. The design services included the design of water and sanitary sewer infrastructure, storm sewer piping, parking facilities, landscape area, ADA site access, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits.

Civil & Public Safety

Montgomery Jail-Montgomery County, NC (*\$8.8 Million total construction value*)

Provided CE design services for the construction of a 106-bed correctional and law enforcement center. The design included an underground stormwater detention device, on-site sanitary sewer grinder, parking facility, the design of water and sanitary sewer infrastructure, storm sewer piping, ADA site access, site grading and applicable erosion and sediment control measures. Applied for all applicable state and local site permits which included preparing plan and profile drawings for water, sanitary sewer, storm sewer, and private roads to the Town of Troy and the State of North Carolina Public Water Supply's design standards.

Guilford County Detention Center-Greensboro, NC (*\$84.9 Million total construction value*)

Provided CE design services for the construction of a new 1,050-bed detention center in downtown Greensboro. The design included heavy utility relocation work, an on-site sanitary sewer grinder ADA site access, site grading and applicable erosion and sediment control measures while maintaining utilities and vehicular traffic around the site. Applied for all applicable state and local site permits which included preparing plan and profile drawings for water, sanitary and storm sewer, to the City of Greensboro's design standards.

Residential

Macy Lakes Subdivision - Kernersville, NC (*total construction value not available*)

Provided CE design services for the construction documents for a new 24-lot subdivision for K Hovnanian Homes. The design included preparing plan and profile drawings for water, sanitary sewer, storm sewer, and public roads to the Town of Kernersville's design standards. The CE design services also included preparing color renderings for the developers marketing of the site.

1802/1804 Spring Garden Street – Greensboro, NC (*\$1.5 Million total construction value*)

Provided CE Master Planning and design services for the construction of two 6,700 GSF apartment buildings. Some of the site amenities included a 2,672 SF of retail space, fitness center and outdoor gathering/lounge space. The facility was designed to fit on a 1-acre lot which had a spring in the center of the lot which required remediation.

LEED Experience

- Guilford New Detention Center, Guilford County, Greensboro, NC

Juhann C. Waller, P.E.

- Joint School of Nanoscience & Nanoengineering, Gateway University Research Park, Greensboro, NC
- NC A&T State University Graduate Engineering Student Center, Greensboro, NC
- NC A&T State University Student Healthcare Center, Greensboro, NC
- NC A&T State University Student Center, Greensboro, NC
- UNC-Greensboro Campus Police Building, Greensboro, NC
- Winston-Salem State University Science and Office Building, Winston-Salem, NC

Boards and Committees

City of Greensboro Minority and Women Business Enterprise Coordinating Committee, 2015- Present

North Carolina A&T State University Civil Engineer Instructional Advisory Board, 2008

Professional Membership

Member, American Council of Engineering Companies, 2015-present

Associate Member, American Society of Civil Engineers, 2001-present

Member, American Planning Association, 2006-2009

References

Available upon request