



**Board of Trustees Meeting
May 13, 2025**

Action Item

BOT- 1.1 Selection of Designer – Moore Building Renovation

Background Information

The Moore Building has not seen significant renovation since its construction in 1969. Spanning 23,502 assignable square feet (41,631 GSF), the building has served as a hub for academic activity, previously housing the Nursing program alongside general-purpose classrooms. This project aims to transform the Moore Building into a state-of-the-art facility that supports interdisciplinary collaboration, program growth, and academic excellence.

This project is a comprehensive, transformational renovation, including new plumbing, mechanical, electrical, sprinkler, and fire alarm systems; roof and window replacement; and accessibility and site improvements to enhance the building's use and future sustainability. Interior demolition and abatement will occur as necessary to ensure the Moore Building functions as a 'new' facility while maximizing space for academic and institutional purposes. During the project's development, LEED certification will be evaluated and considered.

The renovation will plan to house Health and Human Services (HHS) programs, including Advising and dedicated space for a proposed Doctor of Occupational Therapy program with an instructional lab, offices, and flexible support spaces. Existing classroom spaces will be retained and modernized where feasible, including a ground-level 160-person auditorium and two second-floor classrooms with fixed seating. The remaining ASF will be evaluated during programming for alteration and renovation to determine possible change-in-use and future flexibility to align with evolving program needs.

Project Cost: \$24,140,992

The University of North Carolina System website advertised the request for qualifications and letters of interest for engineering services for this project. Thirty (30) firms submitted letters of interest, three (3) from Guilford County.

The Designer Selection Committee reviewed the letters of interest and invited four firms to interview on April 30 and May 01, 2025, to present their qualifications and recommend the following in ranking order.

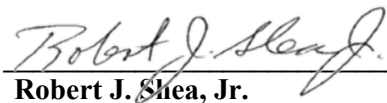
1. Vines Architecture, Raleigh, NC
2. Lord Aeck Sargent Planning & Design, Inc., Chapel Hill, NC
3. Perkins & Will, Charlotte, NC
4. Page Southerland Page, Inc., Raleigh, NC

The firm of Vines Architecture is recommended as the Designer for the following reasons:

1. Vines Architecture delivered the most comprehensive and detailed approach in their presentation to effectively address the goals and constraints of the project.
2. The designer presented the highest level of familiarity with the campus and the existing building, and their initial design concepts resonated with the selection committee the most.
3. Vines Architecture best illustrated qualitative and quantitative responses and approaches to all the requested selection criteria topics.

Recommended Action

Based on the above information, the Board of Trustees of the University of North Carolina at Greensboro approves Vines Architecture as the Architectural firm for the Moore Building Renovation project. If agreeable terms cannot be met with the recommended firm, the Board authorizes the administration to negotiate terms with the other firms in ranking order.



Robert J. Shea, Jr.
Vice Chancellor for Finance *and*
Administration

Attachments:

- Vines Architecture Letter of Interest

UNC GREENSBORO

MOORE BUILDING RENOVATION LETTER OF INTEREST



VINES

S//A Studio
Archibene

ELECTRONIC SUBMISSION: MARCH 21, 2025

AIA NORTH CAROLINA
FIRM OF THE YEAR
2024





DURHAM MAIN LIBRARY RENOVATION

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01



Information Sheet

Firm Name

HUB Certified If HUB, Specify Type Female American Indian Hispanic Socially & Economically Disadvantaged
 Disabled Asian-American Black

Point of Contact E-mail Address

Street Address

City State Zip Code County

Phone # Fax #

Type of Firm (e.g. Architectural, Civil Engineering, Surveying, Etc)

Consulting Firms

Architectural:	<input type="text" value="Studio Archibene"/>	<input type="checkbox"/> Check If HUB	Mechanical:	<input type="text" value="Newcomb & Boyd"/>	<input type="checkbox"/> Check If HUB
Electrical:	<input type="text" value="Newcomb & Boyd"/>	<input type="checkbox"/> Check If HUB	Plumbing:	<input type="text" value="Newcomb & Boyd"/>	<input type="checkbox"/> Check If HUB
Structural:	<input type="text" value="Scalene"/>	<input type="checkbox"/> Check If HUB	Civil:	<input type="text" value="Swift Partners"/>	<input type="checkbox"/> Check If HUB
Landscape:	<input type="text" value="Revington Reaves"/>	<input checked="" type="checkbox"/> Check If HUB	Interior Design:	<input type="text"/>	<input type="checkbox"/> Check If HUB
Other (specify type):	<input type="text" value="AV/IT/Security: NV5"/>			<input type="checkbox"/> Check If HUB	
Other (specify type):	<input type="text" value="Cost Estimating: Forella"/>			<input checked="" type="checkbox"/> Check If HUB	

02

March 21, 2025



Wendi Stogner, wcstogner@uncg.edu
UNC Greensboro Facilities Design & Construction
Gray Home Management House
105 Gray Drive
Greensboro, NC 27412

Dear Members of the Selection Committee,

Vines Architecture and Studio Archibene [VINES + S/A] are delighted to submit our qualifications for the Moore Building Renovation at the University of North Carolina Greensboro. Vines, who were recently awarded AIA North Carolina's Firm Award for 2024, and S/A are both local, studio-based design firms committed to delivering the highest level of design excellence for their clients. Our work is shaped by clearly articulated ideas that are rooted in the values, goals, and needs of the communities and institutions we are working with.

The Vines + S/A team has been brought together for four important reasons:

- + Our collective team has extensive experience working in **Higher Education** environments, creating spaces that foster collaboration and innovation and that support interdisciplinary education research. Spaces for **public health and human sciences research and education** feature prominently in this work.
- + The members of the team combined bring extensive experience successfully delivering **transformative renovation** projects, including the 1510 Walker Avenue and Rosenthal Building Renovations on UNCG's campus.
- + The leadership team assembled from Vines + S/A have **proven experience working together**, and we are bound by longstanding professional relationships with each other and with UNCG. Victor Vines, Adam Brakenbury, and Kenneth Luker have worked together on projects including the GTCC Hassell Health Building and the ECSU School of Education and Psychology.
- + Our team has **experience working on UNCG's campus** for over ten years, learning to understand the culture of the University, its processes, approvals and organizational structure.

In 2019 Vines Architecture was awarded the Moore Classroom Building renovation project and subsequently worked with UNCG to develop the design and documentation through Construction Documentation approval. This knowledge of the Moore building, its challenges and opportunities, gives us the advantage of hitting the ground running. Studio Archibene will bring added perspective to the reimagining of the Moore classroom building along with their recent experience working with UNCG on the Tannenbaum Center for Creative Practice and the Weatherspoon Art Museum. This team is very well positioned to collaborate with UNCG to develop a newly reenvisioned, transformed classroom building for the School of Health and Human Sciences.

We are excited by the potential of continuing our relationship with Facilities Design and Construction, The School of Health and Human Sciences, and the larger UNCG community. Thank you in advance for your consideration, and we look forward to the opportunity to discuss your project with you further.

Sincerely,

Victor Vines, President
Vines Architecture
vvines@vinesarc.com
704.614.1297

A handwritten signature in black ink, appearing to read "V. Vines".

The Moore Building Renovation will be led by Victor Vines as Principal in Charge, Adam Brakenbury as Managing Principal and primary point-of-contact, Kenneth Luker as Planning and Programming Lead, Foad Faizi as Lead Designer, and Todd Case as Lead Project Architect.

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- + Our team has **experience working on UNCG's campus** for over ten years, learning to understand the culture of the University, its processes, approvals and organizational structure. We also have extensive **State Construction experience**, having worked on 14 of the 17 UNC Campuses.

3.1 ADEQUATE STAFF AND PROPOSED DESIGN AND CONSULTANT TEAM

OWNERSHIP TEAM



UNIVERSITY OF NORTH CAROLINA GREENSBORO

CORE TEAM

VINES ARCHITECTURE  **STUDIO ARCHIBENE**
 Architect of Record Associate Architect



Victor Vines, AIA, NCARB,
NOMA, LEED® AP
Principal-in-Charge



* Main Point of Contact

Adam Brakenbury, AIA
Managing Principal + Project
Manager



Todd Case, AIA
Senior Project Architect



Kaitlan Phelps, IIDA
Senior Interior Designer



Kenneth Luker, FAIA
Programming/Planning Lead



Foad Faizi, AIA
Lead Designer



Jeily Mata, AIA
Senior Designer

CONSULTANT TEAM



Revington Reaves 
Landscape
Anna Revington Reaves
Landscape Architect



Light Defines Form
Lighting
Scott Richardson, IESNA, LC
Lighting Consultant



Scalene Design
Structural
Robert Marcia, PE
Structural Project Manager/SEOR



NV5 Consultants
AV/Acoustics/IT
Michael Frank
Principal-in-Charge



Newcomb & Boyd
MEP
Reade Daniel, PE
MEP Project Manager



Forella Group 
Cost Estimating
Israel Aguero, LEED AP BD+C, CCP
Cost Estimator



Swift Partners
Civil
Luke Perkins
Civil Principal-in-Charge



VINES



NC A&T STATE UNIVERSITY NEW STUDENT CENTER

VINES ARCHITECTURE

MBE

Vines Architecture is an integrated architectural and interior design practice located in Raleigh, North Carolina. As a local, studio-based design firm, Vines Architecture embraces utility and constraints while producing built work that is practical, meaningful, inspiring, and firmly rooted in its place. We believe in a resilient, site-sensitive, and carefully detailed architecture that embraces the unique circumstances inherent in each project and place. Our work is shaped by clearly articulated ideas that are rooted in the values, goals, and needs of the communities and institutions that we are working with.



AIA NORTH CAROLINA
FIRM OF THE YEAR
2024

STUDIO ARCHIBENE

Studio Archibene is a full-service architecture and design firm committed to doing good for humanity through the practice of architecture. Based in Durham, North Carolina, we design projects that strengthen communities, enhance human vitality, and inspire us all to believe in a better tomorrow. We are a collaborative and inclusive studio with an unwavering dedication to design excellence and client service.

Decades of design leadership with internationally acclaimed architecture firms have given us significant depth of experience in the planning and design of cultural, civic, and institutional architecture. We consider every project an opportunity to tell important stories and craft welcoming environments that bring people together around shared experiences.



VICTOR VINES AIA | NOMA | LEED AP PRINCIPAL-IN-CHARGE

Founding the practice in North Carolina in 2008, Victor Vines has spent the last 28 years producing design work in the South Atlantic region by inspiring clients and colleagues to do their very best work. As Founder and President of Vines Architecture, Inc., he has been responsible for the management and design direction of over twenty-five award-winning architectural projects. Victor's design portfolio ranges from museum and cultural institutions, educational/university facilities to large-scale urban projects.

Over an education and career that spans more than 36 years, Victor thrives on the idea of architecture not only transforming our built environment but also educating and inspiring us to ideas most can't image on their own. His hands-on principal level involvement from the initial project research, discovery and analysis procedures of programming allows him to participate in a studio environment with designers and users to reach a clear and accurate understanding of project opportunities, requirements spatially, experientially and functionally. He is a problem-solver and consensus builder regarding complex building types, particularly

with a focus on higher educational facilities and cultural visitor-based projects. Victor's approach is one which allows all perspectives and goals to be discussed and considered equally. Victor Vines is known for his actual hands-on project involvement; deliberate efforts to share his knowledge with firm members, students, interns, and clients; and intense collaboration with other associate firms in the profession. His style and approach is to actively participate in each project to assure the overall client needs and project requirements are achieved at the highest level. This responsibility resides from the pre-design and conceptual phases through project close-out, with a heavy emphasis on client/project development, community interface and the execution oversight of the firm's work.

Across an incredible array of environments, building types, scales, visual expressions, colleagues and human circumstances, Vines' career illustrates that Architecture is a full-bodied calling. He shows us that as Vines Architecture continues to emerge, it demands our best humanity, intellect, tenacity, talent and commitment to deliver.



ADAM BRAKENBURY ^{AIA} MANAGING PRINCIPAL, PROJECT MANAGER

Adam Brakenbury is Managing Principal at Vines Architecture where he leads a wide range of cultural, community, and academic projects. In his 20 years of experience, Adam has leveraged strong leadership skills, expertise in building construction technology, and design acumen to guide complex projects through design, documentation, and construction. Adam enjoys collaborating with a passionate team of designers, engineers, and other experts in the building industry to create buildings and spaces that inspire and engage the communities they serve.

Before obtaining a Master of Architecture degree at NC State, Adam received a BA studying English and Communications at the College of Charleston in South Carolina. With a foundation in the liberal arts, Adam brings a focus on clear communication, strategic planning, and consensus building. He enjoys the challenge of collaborating with organizations and institutions representing a wide range of voices and perspectives, and he remains committed to managing the practicalities of budgets and schedules while maintaining the highest standards of design excellence for which his work has been recognized.

Adam joined the Freelon Group Architects in 2005, eventually becoming an Associate before joining Vines Architecture in 2013. During this time, Adam has developed an expertise in university architecture and campus master planning. He has led projects on 9 of the 17 UNC campuses, as well as Duke University and Johns Hopkins University. Additionally, Adam has a breadth of experience in community and cultural projects including The National Center for Civil and Human Rights in Atlanta, GA, the Gregg Museum of Art and Design at NC State, and the North Carolina History Center in Fayetteville, NC, all of which have been recognized by the AIA with awards for design excellence.

Adam has written as a freelance writer for the Raleigh News and Observer, Home of the Month. He received a National Endowment for the Arts Grant for the Seaboard Community Design Project and continues to guest lecture for the Public Interest Design Course at NC State. Adam presented on a panel discussion for the NOMA National Conference titled *Building Consensus through Engaged Design* in 2021 and continues to sit as a guest juror at the School of Design at NC State.



KENNETH LUKER FAIA | LEED AP PROGRAMMING AND PLANNING LEAD

Kenneth will be your Programming and Planning Lead. His 29-year design career has focused on planning and design for cultural, institutional, and civic projects all across North America. His broad experience in all aspects of client service and delivery have honed his skills in bringing together creative design ideas with a strong knowledge of building technology, resulting in building designs that are thoroughly considered and beautifully composed.

Kenneth has led Programming, Planning, Stakeholder Engagement, and other Advanced Planning services for a variety of projects at UNCG [Tannenbaum Center for Creative Practice, and WAM Cole Levin Center for Art and Human Understanding projects], NC State, App State, Fayetteville State, Wake Tech, East Carolina University, and Duke as well as for several museums, cultural landscapes, and public libraries. Altogether, his inclusive and curiosity driven approach to Programming and Planning results in planning outcomes that are as practical as they are thorough and creative.

Kenneth is co-founder of Studio Archibene, a practice dedicated to doing good through architecture. He is a Fellow of the American Institute of Architects and an award-winning designer, mentor, and thought leader in applying cultural awareness to planning and design. In addition to practice, Kenneth is active at the NC State College of Design where he serves on the Leaders Council and occasionally teaches studios.



FOAD FAIZI | AIA | NOMA | LEED AP LEAD DESIGNER

Foad will be your Lead Designer. An accomplished architect and landscape designer, Foad has contributed his expertise to a range of award-winning projects, from public museums and libraries to corporate office buildings and urban design initiatives. His practical, results-oriented design approach combines programmatic objectives and building technology with an in-depth understanding of human behavior and user experience, resulting in designs that are as functional as they are beautiful.

With extensive experience leading design for significant projects at global architecture firms Gensler, Perkins&Will, and Perkins Eastman, he brings strong knowledge of a broad range of project types, including cultural/civic, corporate, higher ed, and urban design. Testament to the quality of his work are dozens of industry and community design awards recognizing his contributions to shaping beautiful designs and strong communities.



JEILY MATA ^{AIA}
SENIOR DESIGNER

Jeily Mata, an Associate and Senior Designer at Vines Architecture, holds a degree from the Architecture program at North Carolina State University's College of Design. Her expertise lies in creative ideation, problem resolution, and the meticulous design of spaces. Her design methodology is grounded in user-centric principles and environmental considerations, employing rigorous research and community input. She flourishes within team environments and demonstrates mastery of various digital platforms, notably Building Information Modeling software. Her professional contributions at Vines Architecture encompass a wide array of projects, such as cultural, institutional, educational, and recreational.



TODD CASE ^{AIA}
SENIOR PROJECT
ARCHITECT

Todd has over 26 years of project architect experience for federal, state, public, and private sector clients. His experience has focused primarily on large, complex public sector projects including multiple bus transfer facilities, commuter and light rail systems, public health complexes, and museums.

Todd's role as a Senior Project Architect combines his passion for design and engineering and allows him to find technical solutions which enable design ideas to be realized in an efficient, cost effective manner. His focus on public sector work stems from his belief that architecture is in a unique position to unify communities by providing inspiring spaces that serve the entire community.



KAITLAN PHELPS ^{IIDA} SENIOR INTERIOR DESIGNER

Kaitlan Phelps brings 12 year of Interior Design service to Vines Architecture and an extensive portfolio of higher education and renovation projects.

Her project experiences include large scale public projects including the NCA&T Student Center, Durham County Main Library renovation, NCCU School of Business, Duke University Divinity Multi-Purpose Room renovation and NCA&T Hines Hall Renovation .

Kaitlan attended Meredith College and was the recipient of the Sandra Shelton Graham Scholarship in Interior Design. Since graduation, she has built a reputation for elevating interiors - creating aesthetically pleasing and functional spaces that complement and enhance the architecture and landscape.

04

4.1 RELEVANT EXPERIENCE AND EXPERTISE IN THE PROJECT TYPE

Vines + S/A have successfully delivered **transformative renovation** projects including The Walker Avenue Renovation at UNCG, the Durham Main Library, Atlanta-Fulton County Central Library, and App State University Post Office. These projects successfully leveraged the assets of existing buildings with “good bones,” reimagining outdated and underutilized spaces and transforming them to meet contemporary needs and goals.

Our collective team also has experience working in **Higher Education** environments, creating spaces that foster collaboration and innovation, and supporting interdisciplinary education research. Spaces for **public health and human sciences research and education** feature prominently in the Henrietta Lacks Building at Johns Hopkins University, Duke Medical Sciences Research Building, ECSU School of Education and Psychology, GTCC

Hassell Health Building, and the Athletics Training Lab at UNCG.

Over half of our completed building projects have been through the **North Carolina State Construction Office**. By way of our team leadership, we have experience working on **14 of the 17 UNC Campuses**.

	UNC GREENSBORO 1510 WALKER AVENUE RENOVATION GREENSBORO, NC	DURHAM MAIN LIBRARY RENOVATION AND ADDITION DURHAM, NC	UNC CHAPEL HILL UNDERGRADUATE LIBRARY CHAPEL HILL, NC	ATLANTA CENTRAL LIBRARY (3) ATLANTA, GA	NC A&T MARTEENA HALL RENOVATION AND ADDITION GREENSBORO, NC	UNC GREENSBORO MOORE BUILDING RENOVATION GREENSBORO, NC	APP STATE UNIVERSITY POST OFFICE RENOVATION BOONE, NC	DUKE UNIVERSITY MEDICAL SCIENCES RESEARCH BUILDING III DURHAM, NC	WAKE TECH COMMUNITY COLLEGE GENERAL CLASSROOM BUILDING RALEIGH, NC	GUILFORD TECH COMMUNITY COLLEGE HASSELL HEALTH TECHNOLOGIES CENTER JAMESTOWN, NC
EDUCATIONAL ENVIRONMENTS	●	○	●	○	●	●	●	●	●	●
TRANSFORMATIONAL RENOVATIONS	●	●	●	●	●	●	●	○	○	○
STATE CONSTRUCTION REVIEWS AND APPROVALS	●	○	●	○	●	●	●	○	●	●

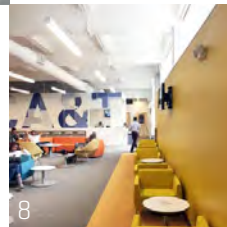
4.2 PAST PERFORMANCE ON SIMILAR PROJECTS

The recent experience of Studio Archibene's leadership working on the Tannenbaum Center for Creative Practice and the Weatherspoon Art Museum will contribute to an efficient and appropriately responsive planning and design process. This experience has provided us an understanding of the well-honed processes and requirements of FDC and SUP regarding project management, communications, responsiveness, and quality of work. Combined with Vine's strong knowledge of the Moore Building, the Vines + Studio Archibene team offers efficiencies in project start-up and delivery while benefiting the entire project process.

HIGHER EDUCATION ENVIRONMENTS



- + NC Central University New School of Business - Durham, NC
- + NC Central University George, Chidley, and Lawson Residence Halls - Durham, NC
- + NC A&T State University Martena Hall Addition and Renovation - Greensboro, NC
- + NC A&T State University Moore Gym Renovation - Greensboro, NC
- + NC A&T State University Radio Station Upfit - Greensboro, NC
- + NC A&T State University Student Center - Greensboro, NC
- + NC A&T State University Deese Tower - Greensboro, NC
- + NC A&T State University Recreation and Wellness Center Advance Planning - Greensboro, NC
- + NC A&T State University Hines Hall Renovation - Greensboro, NC
- + NC A&T State University E-Sports Upfit - Greensboro, NC
- + UNC Greensboro 1510 Walker Avenue Renovation - Greensboro, NC
- + UNC Greensboro Moore Building Renovation - Greensboro, NC
- + UNC Chapel Hill Undergraduate Library Renovation - Chapel Hill, NC
- + UNC Chapel Hill Graham Student Union Feasibility Study - Chapel Hill, NC
- + Johns Hopkins University Henrietta Lacks Building - Baltimore, MD
- + Duke University Divinity School Multi-Purpose Renovation - Durham, NC
- + NC School of the Arts Performance Place Renovation - Winston-Salem, NC
- + Winston-Salem State University Campus Police Renovation - Winston-Salem, NC
- + Elizabeth City State University Rosenwald School and Principal's House Renovation - Elizabeth City, NC
- + App State University Post Office Renovations - Boone, NC
- + Fayetteville State University Spaulding Building Renovation - Fayetteville, NC
- + UNC Charlotte Cameron Hall Physics Classroom Renovations - Charlotte, NC
- + NC School of Science and Mathematics Art Department Renovations - Durham, NC



VINES + S/A
HIGHER EDUCATION
EXPERIENCE



- 1 UNCG 1510 Walker Avenue Renovation
- 2 JHU Henrietta Lacks Building
- 3 NC Central University Student Housing
- 4 NC Central University Business School
- 5 NC School of the Arts Performance Place
- 6 NC A&T State University Radio Station Upfit
- 7 NC A&T State University Student Center
- 8 NC A&T State University Moore Gym Renovation

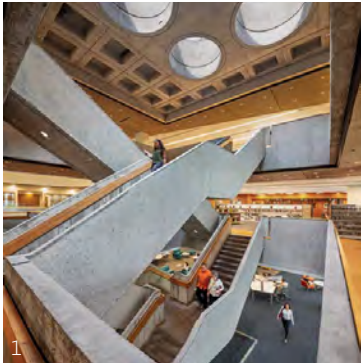


DURHAM MAIN LIBRARY TRANSFORMATION

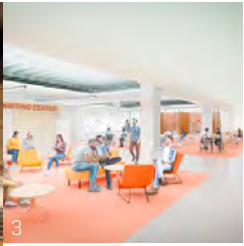
TRANSFORMATIONAL RENOVATIONS



- + Durham Main Library Transformation - Durham, NC
- + Emily K Center Renovation and Addition - Durham, NC
- + NC A&T State University School of Technology Renovation Feasibility Study - Greensboro, NC
- + NC A&T State University Marteen Hall Renovation - Greensboro, NC
- + NC A&T State University Moore Gym Renovation - Greensboro, NC
- + NC A&T State University Radio Station Upfit - Greensboro, NC
- + NC A&T State University Hines Hall Renovation - Greensboro, NC
- + NC A&T State University E-Sports Upfit - Greensboro, NC
- + UNC Greensboro 1510 Walker Avenue Renovation - Greensboro, NC
- + UNC Greensboro Dance Department Renovation - Greensboro, NC
- + UNC Greensboro Moore Building Renovation - Greensboro, NC
- + UNC Chapel Hill Undergraduate Library Renovation - Chapel Hill, NC
- + Duke University Divinity School Multi-Purpose Renovation - Durham, NC
- + NC School of the Arts Performance Place Renovation - Winston-Salem, NC
- + Winston-Salem State University Campus Police Renovation - Winston-Salem, NC
- + Elizabeth City State University Rosenwald School and Principal's House Renovation - Elizabeth City, NC
- + Atlanta Central Library Renovation - Atlanta, GA
- + Starworks Artist Housing Renovation - Star, NC
- + DC Public Library Northeast Library Renovation and Addition - Washington, DC
- + International Civil Rights Center and Museum - Durham, NC
- + NC History Center on the Civil War, Emancipation, and Reconstruction Historic Houses Renovation - Fayetteville, NC
- + App State University Post Office Renovation
- + Fayetteville State University Spauling Building Renovation
- + UNC Greensboro Weatherspoon Art Museum Cole Levin Center for Art and Human Understanding
- + UNC Charlotte Cameron Hall Physics Classroom Renovation



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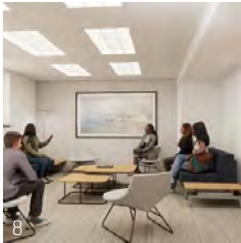
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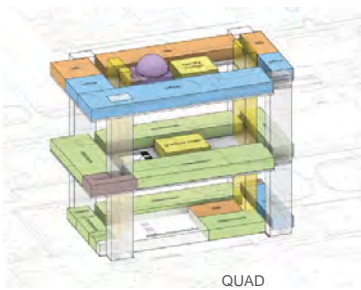
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QUAD

2



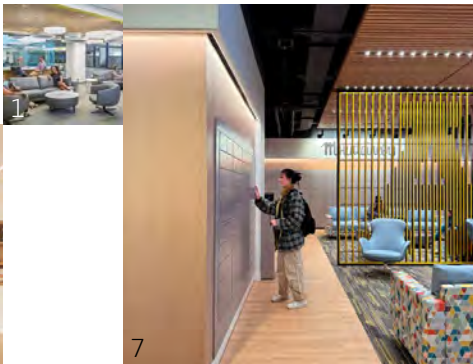
VINES + S/A
TRANSFORMATIONAL
RENOVATIONS



4



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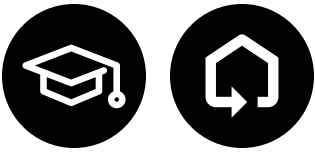


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- 1 Atlanta Central Library
- 2 NC A&T Marteen Hall Renovation
- 3 UNC Chapel Hill Undergraduate Library
- 4 UNC Greensboro 1510 Walker Renovation
- 5 Hammocks Beach State Park - Teachers Education Association Building
- 6 Durham Main Library Transformation
- 7 App State University Post Office Renovation
- 8 Fayetteville State University Spauling Building Renovation



UNCG 1510 WALKER



UNCG WALKER AVENUE RENOVATION

THE TRANSFORMATION OF A 1990S STUDENT RECREATION CENTER AND RACQUET BALL COURTS TO AN ACADEMIC ENVIRONMENT TO HOUSE THE UNC-G / GUILDFORD COUNTY SCHOOLS MIDDLE COLLEGE

The Dance Department, Middle College, and ATEP Lab Renovations are components of a larger planning and programming study completed by Vines Architecture in 2015.

The Walker Avenue and Coleman Building Project at UNC at Greensboro involves the renovation and repurposing of over 80,000 square feet of existing building with the goal of expanding, reallocating and organizing program space among multiple Collegiate Departments. The initial study included Programming and Planning Work Sessions with the Dance Department, Middle College, School of Health and Human Science and Athletics Department to determine space priority needs and determine how to effectively allocate existing spaces to meet these needs. The current ad hoc allocation of departmental spaces will be reorganized while enhancing and improving connectivity within and between buildings.

Dance Department, Middle College, and Athletic Training Education Program (ATEP) Lab renovations include:

- + Complete reconfiguration of existing toilets, lockers and dressing rooms
- + Improved signage and identity (including new
- + finishes and millwork that enhance legibility of

departmental spaces]

- + New student spaces with infrastructure, seating and
- + architectural finishes and millwork that support
- + informal study, interaction and group work

PROJECT DATA

Project Scope	Renovation
Project Size	80,000 GSF
Location	Greensboro, NC
Services Provided	Programming Full Architectural / Engineering Services



BEFORE



AFTER







DURHAM COUNTY MAIN LIBRARY TRANSFORMATION

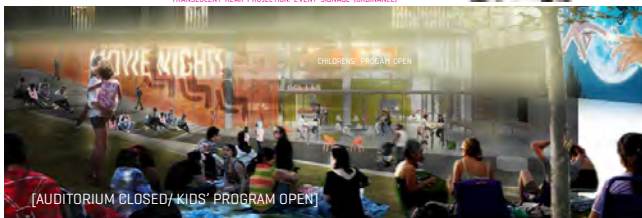
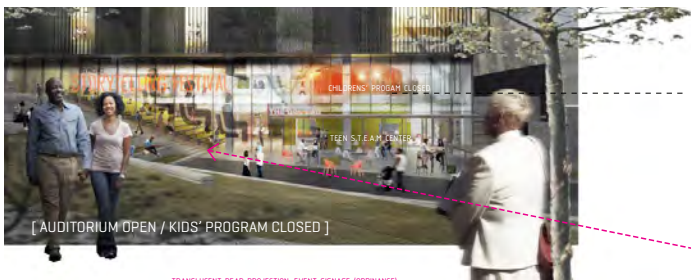
THE DURHAM LIBRARY RE-ENVISIONED THE SYSTEM AS A PERMEABLE COMMUNITY BUILDER WITHIN AN UNDERSERVED URBAN DISTRICT RATHER THAN WHAT HAD BEEN AN INSULAR REPOSITORY FOR BOOKS.

At the Durham Library, through a collaboratively defined vision of the 'Institution', the primary architectural and conceptual device was the notion of envisioning the Durham Library as a 'Permeable Community Builder' rather than an Insular Repository and also to express the notion of the active STEM spaces being woven into the fabric of the 'traditional' library, rather than replacing or existing as two autonomous, binary elements.

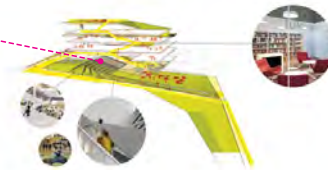
It was an abstract idea rooted in strategic ideals of the library[Institution], but also provided a very real means to drive the architecture and provided a collectively understood framework for the shaping of architectural or spatial strategies, i.e. permeable edges, blurred thresholds between building and city, circulation and use, etc.. What it 'meant' and 'how it worked' were equally important and this design strategy provided an outline or conceptual framework for the shaping of the building.

PROJECT DATA

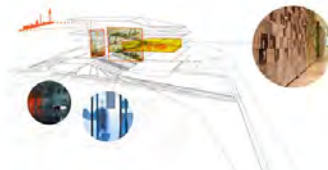
Project Scope	Addition and Renovation
Project Size	85,000 GSF
Location	Durham, NC
Services Provided	Program Verification Full Architectural / Engineering Services



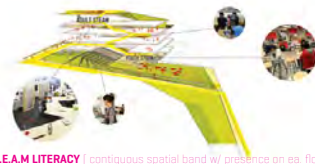
[1] LANDSCAPE



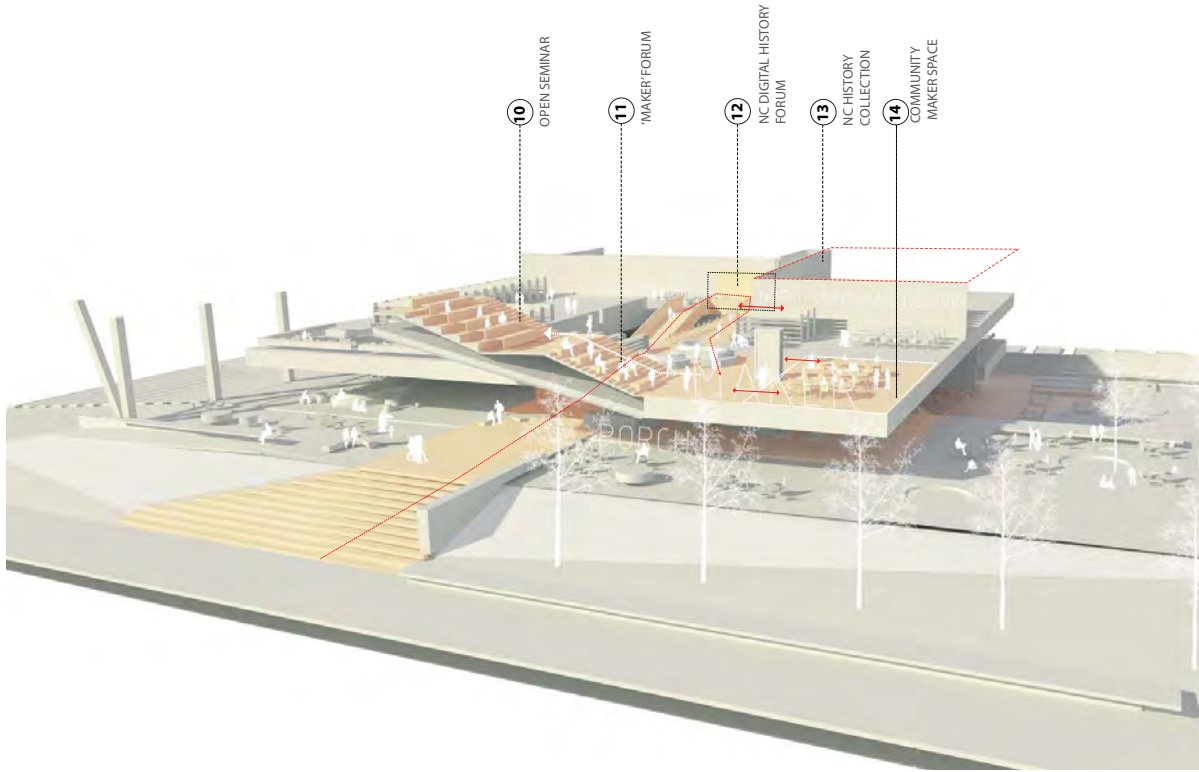
[2] CIRCULATION + INFORMAL COLLABORATION [PLIABLE ZONES]



[3] HISTORICAL NARRATIVE + EXHIBIT

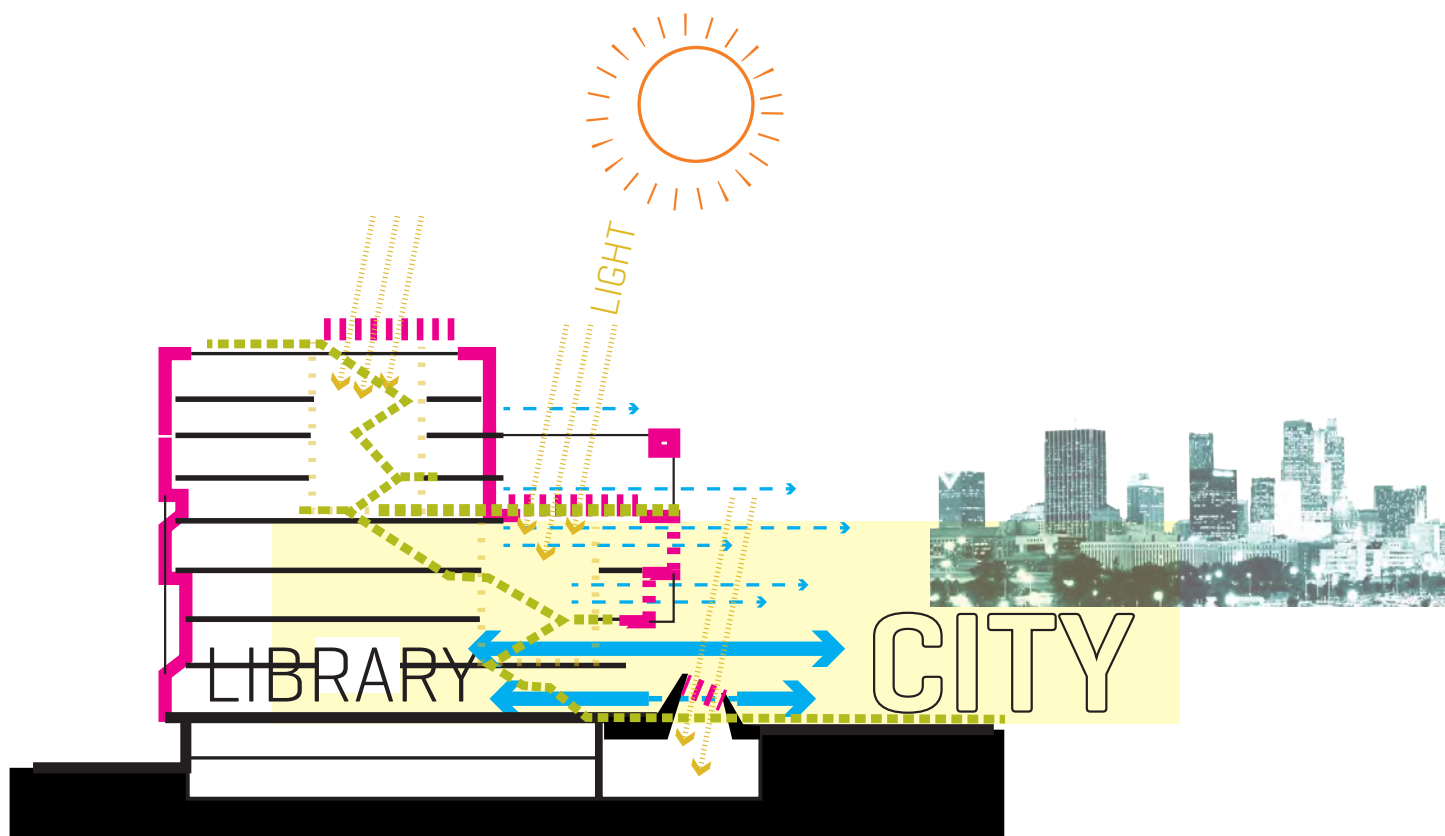


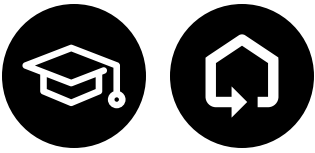
[4] S.T.E.A.M LITERACY [contiguous spatial band w/ presence on ea. floor]





RENOVATED LIBRARY FACADE





ATLANTA-FULTON PUBLIC LIBRARY SYSTEM ATLANTA CENTRAL LIBRARY RENOVATION

THE ATLANTA CENTRAL LIBRARY WAS CONSTRUCTED DURING A TIME WHEN LIBRARIES WERE SOLELY A REPOSITORY OF BOOKS. THE RENOVATION STRIVES TO PRESERVE THE ICONIC NATURE OF THE BUILDING WHILE RECONNECTING IT TO THE CITY AND INTRODUCING NEW PROGRAM SPACES AND DAYLIGHT

Designed by internationally known architect Marcel Breuer, the ten story Atlanta Central Library is an architecturally significant building in downtown Atlanta that represents the previous concept of a library as a protector of books. The concrete exterior of the building is dense and heavy with minimal windows and natural light, and a connection between the public floors is non-existent other than a heavy central concrete stair. The challenge of the project is how to radically transform the library experience within an existing significant modern architectural statement.

The project approach focuses on maximizing the spatial and experiential transformation while minimizing the perceived negative impacts on the building's exterior. The entry plaza will be re-established as an outdoor public space to create a welcoming and active urban plaza to energize the library and city. Within the building, the ground floor is a place where large active programs can occur, and is directly connected back to the plaza through large operable doors, allowing the entire first floor and plaza to be thought of as a central library community space. A new grand stair, open atrium, and light shaft are being introduced to both connect floors and introduce daylight without negatively impacting the exterior facade. The new atrium space will connect

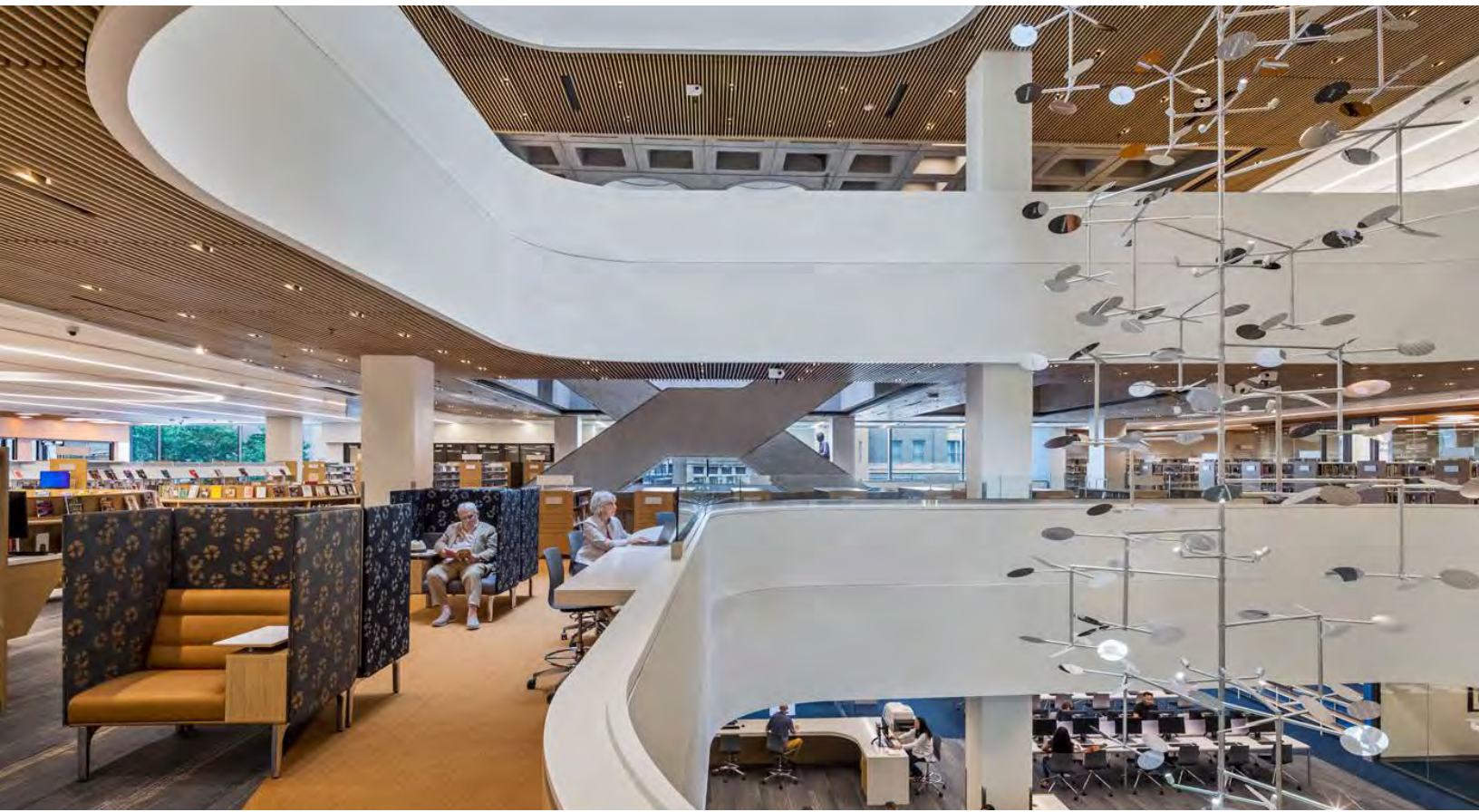
the various public areas of the building and assist with wayfinding, visibility, and the overall spatial perception. On the fifth and sixth floors, where a currently underutilized outdoor terrace exists, new event and program spaces will be created with a direct connection to the terrace and will provide an opportunity for both library and event usage.

Once completed, the hope is that the Central library will help to re-energize both the library and surrounding area and will become a destination not just for the residents of downtown Atlanta, but for all of Fulton County.

Project Data

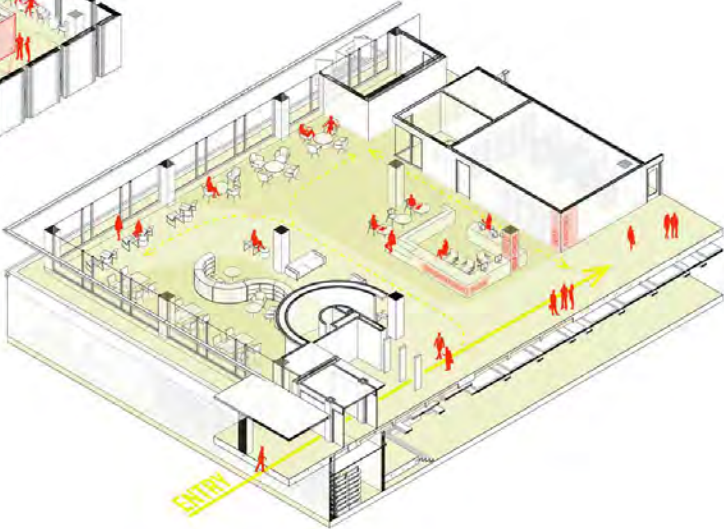
Project Scope	Renovation
Project Size	260,000 GSF
Location	Atlanta, GA
Services Provided	Programming Full Architectural / Engineering Services (through 50% Design Development) Design Review and Oversight (50% Design Development through Completion)



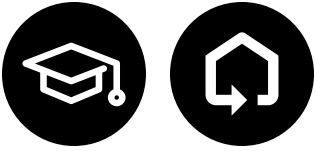




NEW CENTER FOR STUDENT SUCCESS OFFICE AND MEETING SPACES
(UPPER LEVEL)



NEW UNDERGRADUATE LIBRARY ENTRY, PUBLIC SPACE, AND INFORMATION DESK
(MAIN LEVEL)



UNC UNDERGRAD LIBRARY RENOVATION

TRANSFORMING THE UNDERGRADUATE LIBRARY INTO A DYNAMIC CAMPUS HUB, UNITING ACADEMIC SUPPORT AND RESOURCES FOR AN ENHANCED STUDENT EXPERIENCE

The Undergraduate Library Renovation relocates the Center for Student Success [CFSS] to the third floor of the Robert B. House Undergraduate Library [UL] and renovates key public service points within the library to improve the overall student and staff experience. The renovation re-envisioned the library as a campus hub for student academic life and support services. The relocation of CFSS is intended to strengthen the partnership between the two organizations while providing students with aligned services in a singular location, improving visibility and access to student services across a variety of academic literacies: research, academic, digital and design.

The renovation will support a greater sense of campus community by maximizing visibility of programs and promoting diversity and inclusivity. Existing programs within the UL will be renovated to improve operational functionality through the creation of new service points and open student areas. The lower level will be renovated to create a dynamic open space and will house the majority of the physical collection within the building while the main level will be renovated to eliminate the large service and computer desks which both constrict the space and create confusion due to the existing symmetrical design.

PROJECT DATA

Project Scope	Transformative Renovation
Project Size	75,000 GSF
Location	Chapel Hill, NC
Services Provided	Feasibility Study and Concept Design; Full Architectural Services including Design and Construction

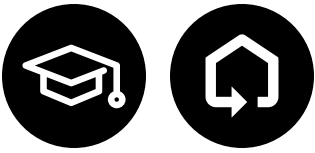




MAIN LEVEL INFO DESK







APP STATE UNIVERSITY POST OFFICE RENOVATION

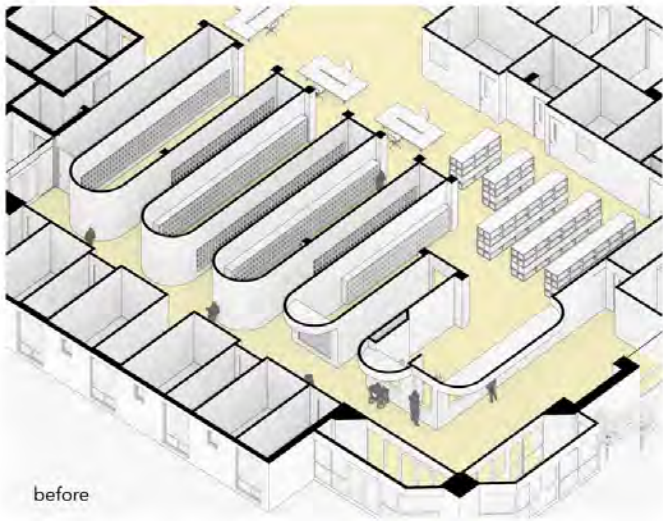
REVOLUTIONIZING CAMPUS MAIL WITH SMART LOCKERS AND A MODERNIZED POSTAL HUB, DELIVERING ENHANCED EFFICIENCY AND CONVENIENCE FOR STUDENTS

The project was initiated to replace underused, assignable postal boxes with a new system of 'smart lockers' that utilizes technology to provide greater flexibility and efficiency in mail delivery services. The TZ Smart Locker system now provides 575 postal boxes in a variety of sizes that are assigned to the parcel rather than the student, greatly increasing the efficiency of campus mail service. The project also reorganized the postal lobby to make it more inviting, safe, and intuitive. This includes more seating, digital media, branding, and service kiosks.

The public facing postal service counter was updated as well along with the postal retailing displays and a new passport processing office. A second, future phase will include four adjacent offices that serve Student Health to be relocated to better align with the student health program they serve. Doing so will further expand the postal services for this growing university.

PROJECT DATA

Project Scope	Addition and Renovation
Project Size	4,800 GSF
Location	Boone, NC
Services Provided	Programming/Planning Branding Full Architectural / Engineering Services



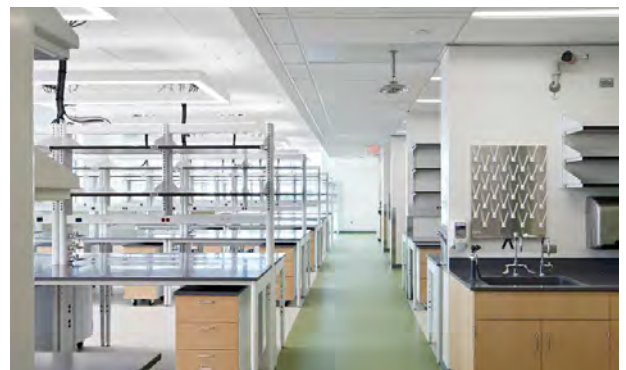
before



after









DUKE SCHOOL OF MEDICINE, MEDICAL SCIENCES RESEARCH BUILDING III

KENNETH LUKER SERVED AS PLANNING LEAD AND DESIGN PRINCIPAL DURING PREVIOUS ASSOCIATION WITH PERKINS&WILL

The Medical Sciences Research Building III [MSRB III] is a new 7-story biomedical research building on the Duke University Medical School Research Campus. As part of a larger community of medical research facilities, this new lab offers maximum flexibility for recruitment and temporary flex-lab uses.

As you enter the lobby, a modular frame wood panel ceiling and blade lights guide building users through the space, a form inspired by genome sequencing. The upper floors are an equal mixture of open laboratories, technical laboratory support space, and open office systems. Ground floor areas are designed for casual social encounters and

scheduled programming events with café service. A place for serendipitous meeting, numerous touchdown nooks and abundant writable wall surfaces are available to accommodate individual work preferences or impromptu collaborative.

The form fits within the architectural vernacular of the campus precinct, on a compact building site, while offering the users ultimate laboratory functionality and flexibility. The lower level features a large, discrete small-animal vivarium.

PROJECT DATA

Project Scope	New Construction
Project Size	120,000 GSF
Location	Durham, NC
Services Provided	Programming/Planning Full Architectural / Engineering Services





WAKE TECH RTP BUILDING ONE: GENERAL ADMINISTRATION CLASSROOM BUILDING

KENNETH LUKER SERVED AS PLANNING LEAD AND DESIGN PRINCIPAL DURING PREVIOUS ASSOCIATION WITH PERKINS&WILL

This General Administration and Classroom Building was the first construction on the new, 94-acre Research Triangle Park (RTP) Campus for Wake Tech Community College and defined the character and direction of future campus growth. The design employs essential elements of the American collegiate tradition to create a 'campus in one' building with spaces designed and organized to connect students to one another and to encourage a shared sense of place.

The three-story building hosts an expansive program of classrooms, faculty offices, student dining, library, auditorium, and administrative suites surround a three-sided campus quad. This central quad will expand over time as the organizing focus of an eleven-building campus serving 7,000 students. Surrounding the quad is a circulation path defined by multistory glass and gracious, daylight stairways at the building entrances. Both features make student activity highly visible and present opportunities for changing views of campus.

Flexible interior spaces provide the campus population with a variety of locations to work and socialize. Wood accented

interiors, covered outdoor dining, and shade trees create a sense of warmth and comfort for students and faculty.

As the first of many buildings to come on the campus, the design anticipates change when day-one programs - library, dining, student services - eventually move to future buildings on campus. The 30x30 structural grid supports adaptation to future classrooms or other standard academic programs. Also included in the design is a regional plant to supply chilled water and steam to this and the following two buildings, eventually connecting to a future central plant as the campus grows.

PROJECT DATA

Project Scope	New Construction
Project Size	109,000 GSF
Location	Research Triangle Park, NC
Services Provided	Programming/Planning Full Architectural Services

4.3 CURRENT WORKLOAD AND STATE PROJECTS AWARDED

The team at Vines Architecture and our consultants are aligned to be focused on the North Carolina Central University Comprehensive Renovation of the Dent Building project throughout its entirety. The alignment of our current projects will enable our team to begin and be devoted to your project. As outlined, our current workload spans all phases of projects, however, with many in the construction documentation, bidding, and construction administration phases, our team is well suited to begin on your project.

Vines Architecture, through its leadership's current and previous experiences, has led more than 50 State Construction Office projects and brings extensive experience with the State Construction Office and UNC System.

CN	Contract + Negotiations
AP	Advance Planning
FS	Feasibility Study
CT	Concept Development
SD	Schematic Design
DD	Design Development
CD	Construction Documents
BN	Bidding + Negotiation
CA	Construction Administration
CL	Project Closeout

VINES + S/A		
CURRENT PROJECTS		STATUS
NC A&T Marteen Hall Renovation and Addition	AP	90%
Museum of Durham History	FS	60%
NC A&T Recreation and Wellness Center	AP	100%
NC A&T Hines Hall Renovation for Kinesiology	BN	75%
North Edgecombe County School of Innovation	CN	100%
Windsor Chavis Nocho Recreation Center and Community Complex	CA	5%
UNC CH Undergraduate Library Renovation	BN	5%
Duke Divinity School Renovation	CD	10%
Johns Hopkins Henrietta Lacks Building Addition and Renovation	CL	50%
North Carolina History Center on the Civil War, Emancipation, and Reconstruction	CA	22%
Lee County Library	BN	85%
WCPSS E-52 Elementary School	CA	31%
Hammocks Beach State Park - TEAB Renovation	CA	95%
NC School of Science and Mathematics Art Studio Renovation	CA	98%
UNC Greensboro Weatherspoon Art Museum Renovation	AP	10%
Fayetteville State University Spaulding Building Renovation	SD	10%
DHHS WorkSource East Security and Campus Fencing	CD	50%
UNC Charlotte Physics Classroom Renovations	CD	50%
	CD	80%

VINES + S/A

STATE PROJECTS AWARDED / COMPLETED

Appalachian State University

Campus Post Office Renovation
Turchin Visual Arts Center*

East Carolina University

Ledonia Wright Cultural Center*
Mendenhall Student Center*

Elizabeth City State University

Master Plan
Rosenwald School and Principal's House Renovation
School of Pharmacy*
Ridley Student Center*
Vaughn Fitness Center*

Fayetteville State University

Master Plan

Hammocks Beach TEAB Renovation

N.C. A&T State University

Marteena Hall Renovation + Addition
Student Recreation and Wellness Center Advance
Planning
E-Sports Renovation
Various Campus Map Updates
Hines Hall Renovation Feasibility Study
Master Plan Refresh I & II
Housing Study
Moore Gym Interim Student Center
New Student Center
Deese Clock Tower
Preeminence 2020 Masterplan
College of Engineering + Research Assessment
Graduate Engineering Center
Bluford Circle Project

Price and Smith Hall Feasibility Study

Radio Station Relocation Upfit

Craig Hall School of Business*

Academic Classroom Building*

Undergraduate Science Building*

Smith Hall, School of Technology*

Addition and Renovation to Crosby Hall*

NC Central University

Athletics and Student Recreation Master Plan

Campus Master Plan

School of Business

P-3 Residence Halls - Lawson, George, and Chidley

Turner Law Building Renovation and Expansion **

UNC Chapel Hill

Undergraduate Library Renovation

Undergrad. Library Renovation Feasibility Study

Carolina Union Feasibility Study

Sonja Haynes Stone Center*

Multiple Residence Hall Renovations and Additions **

UNC Greensboro

1510 Walker Ave Renovation

Moore Building Renovation

UNC School of the Arts

Performance Place Renovation

UNC Wilmington

Nixon Annex Addition and Renovation*

Winston-Salem State University

Campus Police Renovation

Nursing School Addition and Renovation*

Roanoke Chowan Community College

Student Activities Center*

* Previous association - Victor Vines

** Previous association - Kenneth Luker

4.4 PROPOSED DESIGN APPROACH



DESIGN PROCESS

The Moore Building renovation is an opportunity to bring into sharp focus academic space resource needs at UNCG. The transformation of the Moore Building can address immediate space needs, broader, long-term campus objectives, and have a positive impact on UNCG's pedagogic mission. Building on this foundation, our approach to programming, planning, and design will follow a conceptual strategy we call Repositioning. A typical renovation involves upgrading a facility's aesthetics and systems' performance while keeping most uses and plan arrangements intact. Repositioning, on the other hand, takes an expanded approach, seeking to optimize the mixture of uses in the building, the square footage allocated to each, and the relationships of space within the facility, in addition to improving the building's appearance and technical performance. When complete, this approach can deliver an updated and repositioned Moore Building capable of playing a more active and influential role on campus.

To accomplish this, our planning and design process will examine the Moore Building while considering the broader campus context. If a Space Utilization Analysis of campus facility resources is available, we can study this to determine how well various teaching spaces on campus

are already being used and how the Moore Building might 'fill the gap' between needs and resources. A study of the Campus Master Plan can also alert us to 'swing space' needs that may support other planned facility renovations and upgrades.

The space requirements for Health and Human Sciences academic programs are broad, with some aligned to Health Sciences teaching lab typologies and others more aligned with conventional academic classroom spaces. Considering the broad range of space needs, flexibility is paramount in how spaces are planned and designed so that changing pedagogies, future technology, and varied learning styles and modalities can be supported.

ENGAGEMENT PROCESS

The Vines + S/A team have the necessary experience to lead and develop consensus among the varied stakeholder groups that will help shape the design of a reimagined Moore Building. Throughout the planning and design process, our Stakeholder workshops will nurture an inclusive process of co-creation that will accomplish the quantitative, as well as qualitative requirements of the project.

Navigating complex stakeholder groups within a

university to develop consensus requires experience and skill. It involves engaging various stakeholders, including faculty, students, administrators, staff, alumni, and community members, each with diverse interests, needs, and perspectives, while striving to reach a common understanding and vision. This process often demands patience, empathy, and effective communication to ensure that all voices are heard and respected. Throughout this process, the aspirations of students, faculty, and staff bring energy to the project while other stakeholders address more pragmatic issues related to transportation, parking, and safety. Key to achieving this harmony is understanding the motivations and concerns of each stakeholder group within the university context, fostering transparent and inclusive discussions, and addressing potential conflicts promptly and respectfully. By building trust, establishing clear goals and priorities, and leveraging shared values, our designers

facilitate a collaborative environment where stakeholders can contribute meaningfully to the design process. The result is a consensus-driven design that aligns with the needs and aspirations of university stakeholders, delivering outstanding design solutions that reflect the values of the larger university community.



WAKE TECH RTP BUILDING ONE
GENERAL ADMINISTRATION CLASSROOM BUILDING

4.5 RECENT EXPERIENCE WITH COSTS AND SCHEDULES

MANAGING BUDGET AND COST

For the UNCG Moore Building Renovation, we have selected Forella to provide cost-estimating services. They are a national firm with access to an extensive database of pricing, products, and construction market data. We have utilized their expertise most recently on the Henrietta Lacks Building at Johns Hopkins University, with great success. We develop a comprehensive cost estimate at the completion of each design phase, while getting feedback on cost intermittently to help inform key design decisions during the development of the project. As with managing the schedule, there are several key strategies that we utilize to help manage the budget:

- + Establish stakeholder priorities and project goals early
- + Design strategically with an understanding of these priorities and goals
- + Explore options and include life cycle cost analysis
- + Communicate cost risks with stakeholders and develop reasonable contingencies
- + Identify significant code, site, and other cost drivers early

MANAGING PROJECT SCHEDULE

Vines architecture has a strong record of delivering significant architectural projects on budget and on time without compromising quality. There are several key factors in our process that contribute to our success:

- + Identifying key milestone dates required by the owner, typically construction completion and owner move-in durations
- + Identify risks to the schedule and communicate them to stakeholders
- + Developing a realistic work plan for all design phases that accounts for QA and QC reviews as well as stakeholder and regulatory reviews and approvals
- + Aligning the project schedule with key academic calendar dates

- + Engaging the Construction Manager early in the process to understand the construction schedule and identify opportunities for phased construction packages and early procurement
- + Having a thorough understanding of regulatory review processes and timelines, including the City of Durham
- + We have experience navigating multi-faceted university stakeholder groups

	Estimator	Project Bid	Delta
NC A&T State University New Student Center	\$ 70,550,000	\$ 71,947,361	+ 2%
Durham Main Library Renovation and Addition *	\$ 37,895,694	\$ 39,215,619	+ 3%
NCCU P3 Residence Hall	\$ 106,000,000	\$ 105,939,069	- .1%
NCCU School of Business	\$ 31,500,000	\$ 32,279,926	+ 2%
Windsor Chavis Nocho Community Complex **	\$ 63,415,000	\$ 66,750,000**	+ 5%
Lee County Library	\$ 18,804,683	\$ 18,784,275	- .1%

* Project bid included accepted alternates paid from additional funds

** Project was changed to bid as two separate projects (north + south site) due to late funding requirements which occurred after the final estimate and increased the project cost. Overall, both the estimate and bids came in under budget.



4.6 CONSTRUCTION ADMINISTRATION CAPABILITIES

Successful construction administration ensures that the design intent is accurately implemented, and it requires coordinating with various stakeholders, and resolving any issues that may arise during construction; it requires familiarity not only with the contract documents [construction drawings, specifications, and contract agreements] but also with the priorities and goals of the project. For this reason, we believe that continuity in the team from design phase through construction is critical. Our core project team, [both Vines and S/A] will remain engaged in the project throughout construction.

For the Moore Building Renovation, we are proposing Todd Case for both Lead Project Architect and Construction Administration lead with support from Jeily Mata and Adam Brakenbury.

4.7 PROXIMITY TO AND FAMILIARITY WITH THE AREA

Vines Architecture, located in Raleigh, North Carolina, will be the Architect of Record. Our office is approximately a 90-minute drive to Greensboro, which enables us to easily attend meetings, work sessions, and the existing building with ease. S/A, located in Durham, NC, less than an hour from campus, will provide significant support to Vines throughout all phases of design and construction. We have completed numerous projects in the Triad region including projects at UNC Greensboro, North Carolina A&T State University, the International Civil Rights Center, Winston-Salem State University, and NC School of the Arts.



4.8 SUCCESSFULLY COMPLETED PROJECTS

Since its inception in 2008, there has been no litigation toward, against or involving Vines Architecture, including past and current projects. We take great pride in our portfolio of repeat clients, including the North Carolina History Center Foundation, NC A&T State University, North Carolina Central University, Duke University, Elizabeth City State University, UNC Chapel Hill, and UNC Greensboro, which serves as a testament to the success of our work and professional relationships.

4.9 ENERGY CONSERVATION / LEED EXPERIENCES

Key members of our team - Victor Vines, Kenneth Luker, Foad Faizi, Todd Case and Paul Kitchens - are LEED Accredited Professionals and our experience includes more than two dozen LEED Silver and LEED Gold certified buildings.

The Vines + S/A team has experience specifying high-performance building materials, systems, and equipment to reduce energy and water consumption. These strategies include green roofs, high-performance building envelopes, and geothermal heating and cooling systems. The team will work closely with UNCG to ensure that the project aligns with the university's sustainability goals and objectives. This will involve regular communication and collaboration with UNCG's Sustainability Office, Facilities, Design and Construction and other stakeholders. Whether you wish to pursue a LEED target through the US Green Building Council or simply implement best practices in environmental stewardship, we recommend setting an attainable Energy Budget for the project and outline steps early on to help us accomplish those goals.

05

MINORITY BUSINESS PARTICIPATION PLAN

As the Architect of Record for this project, Vines Architecture is incorporated as a subchapter S corporation and is certified with the State of North Carolina as an Historically Underutilized Business (HUB), African-American-owned firm. Vines Architecture also works with other HUB certified consultants, minorities, women, and small businesses as a part of our team of professionals. For the UNC-G Moore Building Renovation project, our team includes HUB + WBE firms. We have worked with these consultants on several projects ensuring a strong working relationship is already in place.



06

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT-SPECIFIC QUALIFICATIONS

A. Contract Information

1. TITLE AND LOCATION
UNC Greensboro - Moore Building Renovation
2. PUBLIC NOTICE DATE
02.25.2025
3. SOLICITATION OR PROJECT NUMBER
287-28357

B. Architect-Engineer Point of Contact

4. NAME AND TITLE
Victor Vines, AIA, LEED AP - President
5. NAME OF FIRM
Vines Architecture, Inc.
6. TELEPHONE NUMBER
[704] 614 1297 [m]
[919] 755 1975 [o]
7. FAX NUMBER
[888] 800 5946
8. EMAIL
vines@vinesarc.com

C. Proposed Team

	PRIME PARTNER SUB	9. FIRM NAME (BRANCH OFFICE = <input type="checkbox"/>)	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	<input checked="" type="checkbox"/>	Vines Architecture, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	819 W. Hargett Street, Suite 102 Raleigh, NC 27603	Architect of Record
b.	<input checked="" type="checkbox"/>	Studio Archibene, PLLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	321 E. Chapel Hill Street, Suite 207 Durham, NC 27701	Associate Architect
c.	<input checked="" type="checkbox"/>	Scalene Design, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	421 N. Harrington St, Suite 440 Raleigh, NC 27603	Structural Engineer
d.	<input checked="" type="checkbox"/>	Newcomb & Boyd, LLP <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	5425 Page Road, Suite 215 Durham, NC 27703	MEP/FP Engineer
e.	<input checked="" type="checkbox"/>	Revington Reaves, PLLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	1250 Revolutionary Mill Drive Greensboro, NC 27405	Landscape Architect
f.	<input checked="" type="checkbox"/>	Swift Partners, PLLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	424 S. Dawson Street Raleigh, NC 27601	Civil Engineer
g.	<input checked="" type="checkbox"/>	Light Defines Form, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	3116 Northline Avenue #4465 Greensboro, NC 27408	Lighting Designer
h.	<input checked="" type="checkbox"/>	NV5 Eng. + Consultants, Inc. <input checked="" type="checkbox"/> CHECK IF BRANCH OFFICE	3300 Regency Parkway, Suite 100 Cary, NC 27518	AV/Acoustics/IT Consultant
i.	<input checked="" type="checkbox"/>	Forella Group, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	5180 Parkstone Drive, Suite 250, Chantilly, VA 20151-3812	Cost Estimating

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

OWNERSHIP TEAM



UNIVERSITY OF NORTH CAROLINA GREENSBORO

CORE TEAM

VINES ARCHITECTURE + **STUDIO ARCHIBENE**
Architect of Record Associate Architect



Victor Vines, AIA, NCARB,
NOMA, LEED® AP
Principal-in-Charge



* Main Point of Contact

Adam Brakenbury, AIA
Managing Principal + Project
Manager



Todd Case, AIA
Senior Project Architect



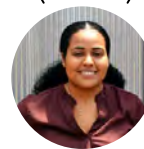
Kaitlan Phelps, IIDA
Senior Interior Designer



Kenneth Luker, FAIA
Programming/Planning Lead



Foad Faizi, AIA
Lead Designer



Jeily Mata, AIA
Senior Designer

CONSULTANT TEAM



Revington Reaves
Landscape
Anna Revington Reaves
Landscape Architect



Light Defines Form
Lighting
Scott Richardson, IESNA, LC
Lighting Consultant



Scalene Design
Structural
Robert Marcia, PE
Structural Project Manager/SEOR



NV5 Consultants
AV/Acoustics/IT
Michael Frank
Principal-in-Charge



Newcomb & Boyd
MEP
Reade Daniel, PE
MEP Project Manager



Forella Group
Cost Estimating
Israel Aguero, LEED AP BD+C, CCP
Cost Estimator



Swift Partners
Civil
Luke Perkins
Civil Principal-in-Charge

E. Resumes of Key Personnel Proposed for this Contract



12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	A. TOTAL	B. WITH VINES
Victor Vines, AIA, NOMA, NCARB, LEED® AP	Principal-in-Charge		38	16
15. FIRM NAME AND LOCATION (CITY AND STATE)				
Vines Architecture, Inc.	Raleigh, NC			
16. EDUCATION (DEGREE AND SPECIALIZATION)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
Bachelor of Architecture / North Carolina State University		NC / Registered Architect License #7223 MD / Registered Architect License #20449		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.)	American Institute of Architects, LEED® AP, National Organization of Minority Architects, NCARB , Over 35 Design Awards, 5 Publications			

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
The Johns Hopkins University - Henrietta Lacks Research Building Baltimore, MD	Ongoing		2024-2026	
(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
a. Principal-in-Charge for a 35,000 gsf, \$45.5M research building for the Berman Institute and the School of Medicine honoring Henrietta Lacks and her contribution to medical research and medicine. The project scope involves feasibility, program verification and full design services for a new building on the East Baltimore Campus of Johns Hopkins University. The new facility will honor the legacy of Henrietta Lacks by narrating her story as the person and her contribution of HELA as immortal cells through the architecture. The building will provide bioethical research and office space in addition to welcoming and collaborative space for JHU faculty and staff to engage with the East Baltimore community outside of the institutional hospital setting. The building is LEED Certified Silver.				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
Durham County Main Library Renovation Durham, NC	2017		2020	
(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
b. Principal-in-Charge for a 84,800 gsf renovation of the Main Downtown Public Library. The transformation of the new main library included 65,000 SF of complete renovation and a significant addition. The design fosters greater connectivity both within the building and the city and community beyond. Located in downtown Durham at a unique 'seam' between downtown businesses, developing condominiums, a redeveloping historic neighborhood and several existing city/county social services (Health & Human Services to Urban Ministries). The new design emphasizes permeability and transparency as a means to more fully engage with the city and to foster greater visibility and wayfinding within the building. The design of the landscape accommodates outdoor programs and civic events.				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
GTCC Hassell Health Technologies Center Greensboro, NC	2007		2009	
(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
c. Principal-in-Charge for a \$13.8M renovation of a nursing and health services building. The Hassell Health Technologies Center is a 3-story classroom and faculty office building on the main campus of Guilford Tech. The building provides teaching and support spaces for nursing, medical assisting, surgical technology, physical therapy assistants, health services administration, and biology and biotechnology lab programs. The building is organized as a double-loaded circulation with faculty offices to one side and labs and classrooms to the other.				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
NC A&T Marteena Hall Renovation - Phase 1 & 2 Greensboro, NC	Ongoing		2028 (est.)	
(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
d. Principal-in-Charge for a 72,000 gsf, \$53M renovation of an interdisciplinary academic building. The renovation seeks to provide new spaces for NC A&T's Physics and Mathematics departments while providing a new image for the existing, outdated building. Marteena Hall sits prominently alongside the University's Student Center on one of three main quads found within NC A&T's campus. The renovation will include innovative active learning spaces, student meeting spaces, a planetarium, telescope observatory, and will revitalize the abilities of each department.				

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Adam Brakenbury, AIA	13. ROLE IN THIS CONTRACT Managing Principal / Project Manager	14. YEARS EXPERIENCE 23	A. TOTAL 23	B. WITH VINES 9
15. FIRM NAME AND LOCATION (CITY AND STATE) Vines Architecture, Inc. Raleigh, NC		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) NC / Registered Architect License #12222		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture / North Carolina State University		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) American Institute of Architects - AIA, Over 35 Design Awards, 5 Publications		

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
The Johns Hopkins University – Henrietta Lacks Research Building Baltimore, MD (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE a. Senior Project Manager for a 35,000 gsf, \$45.5M research building for the Berman Institute and the School of Medicine honoring Henrietta Lacks and her contribution to medical research and medicine. The project scope involves feasibility, program verification and full design services for a new building on the East Baltimore Campus of Johns Hopkins University. The new facility will honor the legacy of Henrietta Lacks by narrating her story as the person and her contribution of HELA as immortal cells through the architecture. The building will provide bioethical research and office space in addition to welcoming and collaborative space for JHU faculty and staff to engage with the East Baltimore community outside of the institutional hospital setting. The building is LEED Certified Silver.	Ongoing		2024-2026	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
UNC Chapel Hill Undergraduate Library Renovation Chapel Hill, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE b. Managing Principal/Project Manager for a 75,000 gsf Undergraduate Library at UNC Chapel Hill. The proposed renovation re-envisioned the library as a campus hub for student academic life and support services. The Undergraduate Library will serve as a forum for student creativity, research, and ideation. The renovation will support a greater sense of campus community by maximizing visibility of programs, providing a seamless integration of student services, and by promoting diversity and inclusivity.	Ongoing		2026 [est.]	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
Durham County Main Library Renovation Durham, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE c. Managing Principal for a 84,800 gsf renovation of the Main Downtown Public Library. The transformation of the new main library included 65,000 SF of complete renovation and a significant addition. The design fosters greater connectivity both within the building and the city and community beyond. Located in downtown Durham at a unique ‘seam’ between downtown businesses, developing condominiums, a redeveloping historic neighborhood and several existing city/county social services (Health & Human Services to Urban Ministries). The new design emphasizes permeability and transparency as a means to more fully engage with the city and to foster greater visibility and wayfinding within the building. The design of the landscape accommodates outdoor programs and civic events.	2017		2020	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
University of North Carolina Greensboro 1510 Walker Avenue Renovation Greensboro, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE d. Senior Project Architect for a 80,000 gsf renovation of the 1510 Walker Avenue Building. The Walker Avenue and HHP Building Project involved the renovation and re-purposing of over 80,000 sf of existing building with the goal of expanding, reallocating and organizing program space among multiple Collegiate Departments. The solution included re-purposing an indoor pool for dance studios and converting recreation spaces into classrooms. The design team developed a solution that not only met their specific space needs but also improves entry, circulation and social spaces, and contributes to a stronger and clearer identity for each Department.	2017		2018	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Todd Case, AIA	13. ROLE IN THIS CONTRACT Senior Project Architect	14. YEARS EXPERIENCE 28	A. TOTAL 28	B. WITH VINES 1
15. FIRM NAME AND LOCATION (CITY AND STATE) Vines Architecture, Inc. Raleigh, NC		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) NC / Reg. Architect License #9075 SC / Lic. #10488		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Architecture / Virginia Tech University		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) American Institute of Architects - AIA		

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
Windsor Chavis Nocho Recreation Center + Library Greensboro, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE a. Senior Project Architect/Manager for a new \$68M integrated recreation center, library, and associated outdoor multiuse fields and basketball courts. This project will combine recreation and library components into a 60,000sf dynamic community hub for recreation, wellness, and learning within an under-served community. New programs include technology/maker labs, community meeting spaces, event spaces, a gymnasium, weight room and cardio area, and indoor swimming pool as well as outdoor basketball courts, multipurpose field, and activity areas. The project will provide new community amenities while also providing spaces for the Department of Social Services and Cone Health to provide information, care, and services to east Greensboro.	Ongoing		2026	
		CHECK IF PERFORMED WITH CURRENT FIRM		
National Museum of African-American History and Culture Washington, DC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE b. Senior Project Architect and Sustainability Lead for the 400,000sf, \$540M New National Museum of African-American History and Culture at the National Mall. The National Museum of African-American History and Culture is a new 400,000sf museum located on the last remaining site on the National Mall, immediately adjacent to the Washington Monument. The complex project created a new museum within an historic site and involved extensive planning to manage aspects of site access for both pedestrians and service, security, numerous national standards and guidelines, and balancing its prominence within the context of other existing museums and monuments. The museum was completed in 2016 before President Barack Obama left office and achieved LEED Gold.	2013		2016	
		CHECK IF PERFORMED WITH CURRENT FIRM		
UNC Chapel Hill Undergraduate Library Chapel Hill, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE c. Senior Project Architect for a 75,000 gsf Undergraduate Library at UNC Chapel Hill. The proposed renovation re-envisions the library as a campus hub for student academic life and support services. The Undergraduate Library will serve as a forum for student creativity, research, and ideation. The renovation will support a greater sense of campus community by maximizing visibility of programs, providing a seamless integration of student services, and by promoting diversity and inclusivity.	Ongoing		2026 (est.)	
		CHECK IF PERFORMED WITH CURRENT FIRM		
Durham County Human Services Complex Durham, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE d. Senior Project Architect on the \$72M, 293,000 gsf Durham Human Services Complex which encompasses a city block in downtown Durham. The project involves the unification of the County's Human and Social Services into a singular facility to consolidate and streamline services offered to Durham's citizens. Planning for the project centered around how to phase a new building onto a site currently occupied. The projects concept was a result of responding to the need to phase the project. The first phase needed to be completed before staff relocation and demolishing of the existing building could occur and then the remaining portions of the building were completed. The materials and textures integrate within the downtown context while providing a modern aesthetic. The building is LEED Certified Silver.	2011		2013	
		CHECK IF PERFORMED WITH CURRENT FIRM		

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Jeily Mata, AIA NOMA	13. ROLE IN THIS CONTRACT Senior Project Designer	14. YEARS EXPERIENCE 7	A. TOTAL 7	B. WITH VINES 6
15. FIRM NAME AND LOCATION [CITY AND STATE] Vines Architecture, Inc. Raleigh, NC				
16. EDUCATION [DEGREE AND SPECIALIZATION] Bachelor of Architecture / North Carolina State University Bachelor of Environmental Design in Architecture / North Carolina State University		17. CURRENT PROFESSIONAL REGISTRATION [STATE AND DISCIPLINE] NC / Registered Architect License #17439		
18. OTHER PROFESSIONAL QUALIFICATIONS [PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.] National Organization of Minority Architects (Board Member, NC Chapter)				

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION [CITY AND STATE]	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
a. UNC Chapel Hill Undergraduate Library Renovation Chapel Hill, NC	ongoing		TBD	
(3) BRIEF DESCRIPTION [BRIEF SCOPE, SIZE, COST, ETC.] AND SPECIFIC ROLE Project Designer for a 80,000 gsf feasibility study and renovation of the Undergraduate Library at UNC Chapel Hill. The initial study confirmed the feasibility of relocating the Center for Student Success and Academic Counseling [CFSS] to the Robert B. House Undergraduate Library [UL]. The renovation re-envisioned the library as a campus hub for student academic life and support services. The relocation of CFSS is intended to strengthen the partnership between CFSS and the UL, improving visibility and access to student services across a variety of academic literacies: research, academic, digital and design. The Undergraduate Library will serve as a forum for student creativity, research, and ideation. The renovation will support a greater sense of campus community by maximizing visibility of programs, providing a seamless integration of student services, and by promoting diversity and inclusivity.				
b. University of North Carolina at Greensboro Moore Building Renovation Greensboro, NC	2021		TBD	
(3) BRIEF DESCRIPTION [BRIEF SCOPE, SIZE, COST, ETC.] AND SPECIFIC ROLE Project Designer for a 40,000 gsf renovation of the UNCG Moore Building. The Moore Building renovation, located in the academic core of UNCG's campus, is envisioned to be a transformation of the existing School of Nursing Building into a multidisciplinary academic building needed to support the campus vision for innovation and collaborative scholarship. The renovation will include modernization and reconfiguration of existing academic space for general instruction as well as academic support and research space.				
c. Windsor Chavis Nocho Community Complex Greensboro, NC	ongoing		TBD	
(3) BRIEF DESCRIPTION [BRIEF SCOPE, SIZE, COST, ETC.] AND SPECIFIC ROLE Project Designer for the 65,000 sf Windsor Chavis Joint Facility. The new Windsor-Chavis Recreation Center and Library will seek to combine the recreation and library components into a unified facility, both physically and operationally. The traditional library and recreation programs will be woven together to yield a dynamic and activated community hub for learning and recreation within a typically underserved community. Anticipated new programs include technology / maker labs, audiovisual program rooms, community meeting spaces, and multifunction meeting and event spaces, as well as an enlarged multi-court gymnasium and indoor swimming pool. When complete, the project will create a dynamic facility which will provide new community amenities while also providing educational and skill training for local residents.				
d. NCCU School of Business Building Durham, NC	ongoing		2021	
(3) BRIEF DESCRIPTION [BRIEF SCOPE, SIZE, COST, ETC.] AND SPECIFIC ROLE Project Designer for a 74,000 gsf, \$38.6M new School of Business at NCCU. This project will provide a new gateway facility that will meet the expanding needs for increased classroom, teaching lab and administrative space for the North Carolina Central University's School of Business. With a focus on experiential learning, technology integration, business partnering and community service, the School of Business, through its undergraduate and MBA programs will benefit from an updated academic facility that provides the latest advances in distance learning, audio-visual and smart classroom technology.				


E. Resumes of Key Personnel Proposed for this Contract



12. NAME Kaitlan Phelps, IIDA	13. ROLE IN THIS CONTRACT Senior Interior Designer	14. YEARS EXPERIENCE 13	A. TOTAL 13	B. WITH VINES 7
15. FIRM NAME AND LOCATION (CITY AND STATE) Vines Architecture, Inc. Raleigh, NC		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) NCIDQ #169283		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science / Interior Design / Meredith College		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) IIDA Member, 6 Design Awards		

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)	
The Johns Hopkins University – Henrietta Lacks Research Building Baltimore, MD (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE a. Senior Interior Designer for a 35,000 gsf, \$45.5M research building for the Berman Institute and the School of Medicine honoring Henrietta Lacks and her contribution to medical research and medicine. The project scope involves feasibility, program verification and full design services for a new building on the East Baltimore Campus of Johns Hopkins University. The new facility will honor the legacy of Henrietta Lacks by narrating her story as the person and her contribution of HELA as immortal cells through the architecture. The building will provide bioethical research and office space in addition to welcoming and collaborative space for JHU faculty and staff to engage with the East Baltimore community outside of the institutional hospital setting. The building is LEED Certified Silver.	Ongoing		2026	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
Duke Divinity Multipurpose Room Renovation Durham, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE b. Senior Interior Designer for a 2,099 gsf renovation of the Duke Divinity Multipurpose Room. The project has transformed the existing 2,099 sf facility into an up-to-date multi-purpose space with greatly improved acoustics, extended views of the Duke Chapel and a design sensibility that ties the space more closely to other Department of Religion Chapels. Acoustical improvements were performed through ceiling design as well as acoustical paneling in order to provide better noise control for events and audio recordings.	2024		2025	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
Durham County Main Library Renovation Durham, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE c. Senior Interior Designer for an 84,800 gsf renovation of the Main Downtown Public Library. The transformation of the new main library included 65,000 SF of complete renovation and a significant addition. The design fosters greater connectivity both within the building and the community beyond. Located in downtown Durham at a unique ‘seam’ between downtown businesses, developing condominiums, a redeveloping historic neighborhood and several existing city/county social services (Health & Human Services to Urban Ministries). Literally and conceptually, the new design emphasized permeability and transparency as a means to more fully engage with the city and to foster greater visibility and wayfinding within the building. The design of the landscape accommodates outdoor programs and civic events.	2017		2020	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		
UNC Chapel Hill Undergraduate Library Renovation Chapel Hill, NC (3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE d. Senior Interior Designer for a 75,000 gsf Undergraduate Library at UNC Chapel Hill. The proposed renovation re-envision the library as a campus hub for student academic life and support services. The Undergraduate Library will serve as a forum for student creativity, research, and ideation. The renovation will support a greater sense of campus community by maximizing visibility of programs, providing a seamless integration of student services, and by promoting diversity and inclusivity.	Ongoing		2026 (est.)	
	<input checked="" type="checkbox"/>	CHECK IF PERFORMED WITH CURRENT FIRM		

12. NAME Kenneth Luker, FAIA, LEED AP		13. ROLE IN THIS CONTRACT Programming/Planning Lead		
14. YEARS EXPERIENCE a. Total 27 b. with Current Firm 2		15. FIRM NAME & LOCATION Studio Archibene, PLLC Durham, North Carolina		
16. EDUCATION Master's of Architecture, Harvard University Bachelor's of Environmental Design, Texas A&M University Associate of Civil Engineering, Grayson County College		17. PROFESSIONAL REGISTRATION Architect: North Carolina (#8928)		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Institute of Architects (AIA), AIA College of Fellows, National Council of Architectural Registration Boards (NCARB), NC State University Council of Chairs, NC State College of Design Leaders Council and Adjunct Professor of Architecture				
19. RELEVANT PROJECTS				
A	Title and Location App State University Campus Post Office Renovation, Boone NC	Professional Services Completed Construction Completed Check if project performed with current firm Project Budget	2023 2024 <input checked="" type="checkbox"/> \$1.23M	
	Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Remodel of existing Post Office to replace approx. 900 existing, assignable postal boxes with 575 TZ SMarT Lockers. Project includes reconfiguration of postal lobby, public facing postal services counter, postal retailing, adjacent offices, passport photo office, and App States branding of lobby. - Project Manager			
B	Title and Location Fayetteville State University Spaulding Building Renovation, Fayetteville, NC	Professional Services Completed Construction Completed Check if project performed with current firm Project Budget	In Progress EST 2025 <input checked="" type="checkbox"/> \$1.3M	
	Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Renovation of 8,650 sf campus building into state-of-the-art student mental health and counseling facility. Scope includes interior architecture and PME/FP upgrades. - Project Manager			
C	Title and Location Guilford Technical Community College Hassell Health Technologies Center	Professional Services Completed Construction Completed Check if project performed with current firm Project Budget	2007 2009 <input type="checkbox"/> \$13.8M	
	Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role The Hassell Health Technologies Center is a 3-story classroom and faculty office building on the main campus of Guilford Tech. The building provides teaching and support spaces for nursing, medical assisting, surgical technology, physical therapy assistants, health services administration, and biology and biotechnology lab programs. The building is organized as a double-loaded circulation with faculty offices to one side and labs and classrooms to the other. - Lead Designer in assoc. w/ Perkins&Will			
D	Title and Location Wake Tech RTP Building One: General Administration Classroom Building	Professional Services Completed Construction Completed Check if project performed with current firm Project Budget	2015 2017 <input type="checkbox"/> \$47.2M	
	Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role This General Administration and Classroom Building was the first construction on the new, 94-acre Research Triangle Park (RTP) Campus for Wake Tech Community College and defined the character and direction of future campus growth. The design employs essential elements of the American collegiate tradition to create a 'campus in one' building with spaces designed and organized to connect students to one another and to encourage a shared sense of place. -Lead Palnner/Design Principal in assoc. w/ Perkins&Will			
E	Title and Location Duke School of Medicine Medical Sciences Research Building III	Professional Services Completed Construction Completed Check if project performed with current firm Project Budget	2017 2018 <input type="checkbox"/> \$74.4M	
	Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role The Medical Sciences Research Building III (MSRB III) is a new 7-story biomedical research building on the Duke University Medical School Research Campus. As part of a larger community of medical research facilities, this new lab offers maximum flexibility for recruitment and temporary flex-lab uses. - Design Principal in assoc. w/ Perkins&Will			

12. NAME Foad Faizi AIA NOMA LEED AP	13. ROLE IN THIS CONTRACT Lead Designer	
14. YEARS EXPERIENCE a. Total 13 b. with Current Firm 2	15. FIRM NAME & LOCATION Studio Archibene, PLLC Durham, North Carolina	
16. EDUCATION Master's of Architecture, NC State University Master's of Landscape Architecture, Tarbiat Modares Univ. Bachelor's of Architectural Engineering, Tabriz Art Univ.	17. PROFESSIONAL REGISTRATION Architect: North Carolina (#16512)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Institute of Architects (AIA), National Council of Architectural Registration Boards (NCARB), US Green Building Council, AIA/NC NOMA EDI Advisory Committee		
19. RELEVANT PROJECTS		
A Title and Location Appalachian State University Campus Post Office Renovation Boone NC	Professional Services Completed 2023 Construction Completed 2024 Check if project performed with current firm <input checked="" type="checkbox"/> Project Budget \$1.23M	
Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Remodel of existing Post Office to replace approx. 900 existing, assignable postal boxes with 575 TZ SMart Lockers. Project includes reconfiguration of postal lobby, public facing postal services counter, postal retailing, adjacent offices, passport photo office, and App States branding of lobby. - Lead Designer		
B Title and Location Fayetteville State University Spaulding Building Renovation, Fayetteville, NC	Professional Services Completed In Progress Construction Completed EST 2025 Check if project performed with current firm <input checked="" type="checkbox"/> Project Budget \$1.3M	
Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Renovation of 8,650 sf campus building into state-of-the-art student mental health and counseling facility. Scope includes interior architecture and PME/FP upgrades. - Lead Designer		
C Title and Location UNCG Cole Levin Center for Art & Human Understanding at the Weatherspoon Art Museum, Greensboro NC	Professional Services Completed In Progress Construction Completed EST 2026 Check if project performed with current firm <input checked="" type="checkbox"/> Project Budget \$1.7M	
Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Planning and design study for approx. 4,700 sf renovation of the Weatherspoon Art Museum to create a new center for object-based learning and teaching. Programming/planning, design, documentation, cost modeling, and construction administration. - Lead Designer		
D Title and Location Wake Forest University, Z. Smith Reynolds Library Renovation Winston-Salem	Professional Services Completed 2016 Construction Completed 2017 Check if project performed with current firm <input type="checkbox"/> Project Budget \$6M	
Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role The Z. Smith Reynolds Library in the heart of Wake Forest University's campus has started a comprehensive, multi-phase renovation master plan that will transform the historic library into a contemporary center for scholarship and student success. Through a series of selective interventions and incremental upgrades, the design envisions a more open, inviting, efficient, and intuitive library experience for students and faculty. -Senior Project Designer in association with Perkins&Wil		
E Title and Location Legacy Tower Office Renovation Durham, NC	Professional Services Completed 2016 Construction Completed 2017 Check if project performed with current firm <input type="checkbox"/> Project Budget \$3M	
Brief Description (Brief Scope, Size, Cost, Etc.) and Specific Role Renovation of 12,000sf of Class-C office into Class-A office in historic 1965 office building. A 54-person architecture design firm required new studio environment with emphasis on natural lighting, collaborative work environments, efficient circulation, and branded experience design. - Design Architect in association with Perkins&Wil		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Robert Macia, PE	13. ROLE IN THIS CONTRACT Structural Project Manager/SEOR	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION *(City and State)*
Scalene Design, PLLC (Raleigh, North Carolina)

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science - Civil Engineering Structural Option Texas A&M University College Station, Texas	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> North Carolina Professional Engineer/PE (#26690, structural)
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*
LEED Accredited Professional

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> Eastern North Carolina School of the Deaf Maintenance Garage	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> 2021

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
New 3700 square foot maintenance garage with a 700 square foot mezzanine and 888 square foot covered storage area adjacent to the building. The building houses the facility for maintenance of all campus vehicles.

(1) TITLE AND LOCATION <i>(City and State)</i> UNCG Petty Building Renovation and Pedestrian Bridge	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i> 2008

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Structural Engineer of Record for comprehensive renovation of the Petty Building, creating a technology-rich center for the University's STEM programs. The 72,000-sf renovation involved extensive repairs and restoration of the 1939 building. The interior was completed reconfigured to address programs in Physics, Math, and Astronomy.

(1) TITLE AND LOCATION <i>(City and State)</i> ECSU Rosenwald School and Principals House Renovation	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION <i>(If applicable)</i> in progress

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
The renovation of the historic Rosenwald School built in 1921 and The Principal's house built in 1923 on the campus of ECSU. Stabilization of the Rosenwald School including repair porch floor, stair, and railings; repair and replace damaged interior flooring. Principal's House included roof and soffit repair, repair of roof structure.

(1) TITLE AND LOCATION <i>(City and State)</i> NCSU Talley Student Union	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i> 2014

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
A comprehensive 300,000 square foot renovations and expansion of the existing 1970's era building. Significant new additions were added to three sides of the existing structure. The renovated center includes the construction of several new food-service spaces, bookstore, student organizations, and a renovated performing arts venue.

(1) TITLE AND LOCATION <i>(City and State)</i> UNC School of Public Health Hooker Hall	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2004	CONSTRUCTION <i>(If applicable)</i> 2004

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm
Structural Engineer of Record for a 125,000 square foot expansion that added laboratory and classroom space to the School of Public Health. Design for the 5-story facility included auditorium, a 3-story atrium with a cafe and a pedestrian bridge linking to an adjacent building. The atrium roof is supported by trusses resting on tree-like columns.

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Paul J. Kitchens PE	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE 23	A. TOTAL 23	B. WITH N&B 23
15. FIRM NAME AND LOCATION (CITY AND STATE) Newcomb & Boyd Raleigh-Durham, NC		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE Mechanical Engineering: NC, GA, LEED AP		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Mechanical Engineering		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Paul's proven ability to lead our Raleigh-Durham office from its inception in 2019 is a testament to his dedication and exceptional skills.		

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (CITY AND STATE) University of North Carolina at Chapel Hill Bingham Hall Renovation Chapel Hill, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES In Design	CONSTRUCTION (IF APPLICABLE)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Principal-in-Charge: Interior renovation of Bingham Hall, originally constructed in 1927. The building houses the Communications department, and includes offices, huddle spaces, a graduate student lounge, classrooms, and a large active learning space. The renovation includes the installation of a central system by providing two mechanical rooms housing air handling units. 31,000 SF, \$15,000,000	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
b.	(1) TITLE AND LOCATION (CITY AND STATE) University of North Carolina at Chapel Hill Business School Addition & Reno. Chapel Hill, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (IF APPLICABLE) Under Construction
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Principal-in-Charge: Bell Hall, a 140,000 square foot expansion, as well as a 130,000 square foot renovation of the McColl Building for the Kenan-Flagler School of Business. The expansion consists of flat and tiered classrooms, collaborative space, dining and cafe area, a kitchen, event space, administrative offices, study spaces, and a four-story atrium. Renovations to the building include space reconfigurations and finish upgrades, replacement of the roof, and exterior upgrades to reduce air infiltration and condensation. This project is pursuing LEED Platinum and LEED Zero certifications, including net-zero energy and water use. 270,000 SF, \$136,466,040	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
c.	(1) TITLE AND LOCATION (CITY AND STATE) Duke Health Sands Building Fourth Floor Renovation Durham, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (IF APPLICABLE) Under Construction
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Principal-in-Charge: Renovation of lab space on the Fourth Floor of the Sands Building. This renovation features a wide variety of lab spaces, including electron microscope rooms, tissue culture rooms, open labs, cryogenic storage, an autoclave room. This level utilizes the dedicated outside air system for ventilation in conjunction with the addition of four-pipe fan-coil units for heating and cooling. This project also included the replacement of two water-cooled environmental chambers, each sized for 100 square feet with an operating temperature of 4°C. 21,650 SF	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
d.	(1) TITLE AND LOCATION (CITY AND STATE) Wake Forest University Engineering Department Renovation Winston-Salem, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2019	CONSTRUCTION (IF APPLICABLE) 2020
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Principal-in-Charge and Project Manager: Renovation of the Engineering Department in the Wake Downtown campus building, including teaching studios and classrooms, teaching labs, research labs, the Innovation Studio, and common areas. The Innovation Studio houses a makerspace, including 3D printers, solder stations, circuit board printers, and a machine shop. 22,000 SF, \$3,000,000	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	

E. Resumes of Key Personnel Proposed for this Contract



12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	A. TOTAL	B. WITH N&B
Reade Daniel, PE	Project Manager & Mechanical Eng.		6	6
15. FIRM NAME AND LOCATION (CITY AND STATE)	Raleigh-Durham, NC			
Newcomb & Boyd				
16. EDUCATION (DEGREE AND SPECIALIZATION)	17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)			
Bachelor of Science, Mechanical Engineering	PE Mechanical Engineering: NC			
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.)				
Reade has over 6 years of experience in mechanical engineering design for new and renovated projects, including higher education buildings.				

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)
<p>University of North Carolina at Chapel Hill Bingham Hall Renovation Chapel Hill, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>a. Project Manager & Mechanical Engineer: Interior renovation of Bingham Hall, originally constructed in 1927. The building houses the Communications department, and includes offices, huddle spaces, a graduate student lounge, classrooms, and a large active learning space. The renovation includes the installation of a central system by providing two mechanical rooms housing air handling units. 31,000 SF, \$15,000,000</p>		In Design	
<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
<p>University of North Carolina at Chapel Hill Business School Addition & Reno. Chapel Hill, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>b. Project Manager & Mechanical Engineer: Bell Hall, a 140,000 square foot expansion, as well as a 130,000 square foot renovation of the McColl Building for the Kenan-Flagler School of Business. The expansion consists of flat and tiered classrooms, collaborative space, dining and cafe area, a kitchen, event space, administrative offices, study spaces, and a four-story atrium. Renovations to the building include space reconfigurations and finish upgrades, replacement of the roof, and exterior upgrades to reduce air infiltration and condensation. This project is pursuing LEED Platinum and LEED Zero certifications, including net-zero energy and water use. 270,000 SF, \$136,466,040</p>	2023		Under Construction
<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
<p>Duke University Lilly Library Expansion and Renovation Durham, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>c. Mechanical Engineer: Renovation and expansion of the Lilly Library, originally constructed in 1927. The project includes the addition of study spaces, collaborative research areas, the Thompson Program's Writing Studio, event space for the FOCUS Program, an exhibit gallery, a student testing facility, additional seating, a café and makerspace, which houses 3D printers and a laser cutter. Pursuing Duke High Performance Building Framework. Sustainable features include LED lighting with daylighting, demand control ventilation and airside economizer. 65,700 SF, \$38,000,000</p>	2024		Under Construction
<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			
<p>Duke Health Sands Building Fourth Floor Renovation Durham, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>d. Mechanical Engineer: Renovation of lab space on the Fourth Floor of the Sands Building. This renovation features a wide variety of lab spaces, including electron microscope rooms, tissue culture rooms, open labs, cryogenic storage, an autoclave room. This level utilizes the dedicated outside air system for ventilation in conjunction with the addition of four-pipe fan-coil units for heating and cooling. This project also included the replacement of two water-cooled environmental chambers, each sized for 100 square feet with an operating temperature of 4°C. 21,650 SF</p>	2023		Under Construction
<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM			

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Ricky Dozier, PE	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE 21	A. TOTAL 21	B. WITH N&B 20
15. FIRM NAME AND LOCATION (CITY AND STATE) Newcomb & Boyd Atlanta, GA		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE Mechanical Engineering: NC, GA, LEED AP		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Electrical Engineering		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Ricky works with our team to ensure that projects are designed and built with the client's best interests in mind.		

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (CITY AND STATE) University of North Carolina at Chapel Hill Bingham Hall Renovation Chapel Hill, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES In Design	CONSTRUCTION (IF APPLICABLE)
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Electrical Engineer: Interior renovation of Bingham Hall, originally constructed in 1927. The building houses the Communications department, and includes offices, huddle spaces, a graduate student lounge, classrooms, and a large active learning space. The renovation includes the installation of a central system by providing two mechanical rooms housing air handling units. 31,000 SF, \$15,000,000	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
b.	(1) TITLE AND LOCATION (CITY AND STATE) University of North Carolina at Chapel Hill Business School Addition & Reno. Chapel Hill, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (IF APPLICABLE) Under Construction
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Electrical Engineer: Bell Hall, a 140,000 square foot expansion, as well as a 130,000 square foot renovation of the McColl Building for the Kenan-Flagler School of Business. The expansion consists of flat and tiered classrooms, collaborative space, dining and cafe area, a kitchen, event space, administrative offices, study spaces, and a four-story atrium. Renovations to the building include space reconfigurations and finish upgrades, replacement of the roof, and exterior upgrades to reduce air infiltration and condensation. This project is pursuing LEED Platinum and LEED Zero certifications, including net-zero energy and water use. 270,000 SF, \$136,466,040	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
c.	(1) TITLE AND LOCATION (CITY AND STATE) The University of Alabama at Birmingham Basic Health Sciences Renovation Birmingham, AL	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021	CONSTRUCTION (IF APPLICABLE) 2023
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Electrical Engineer: Renovation of floors Two through Seven for modern research, research support, office, and admin support space. 120,250 SF, 31,838,000	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
d.	(1) TITLE AND LOCATION (CITY AND STATE) Duke Health Sands Building Fourth Floor Renovation Durham, NC	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2023	CONSTRUCTION (IF APPLICABLE) Under Construction
	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE Electrical Engineer: Renovation of lab space on the Fourth Floor of the Sands Building. This renovation features a wide variety of lab spaces, including electron microscope rooms, tissue culture rooms, open labs, cryogenic storage, an autoclave room. This level utilizes the dedicated outside air system for ventilation in conjunction with the addition of four-pipe fan-coil units for heating and cooling. This project also included the replacement of two water-cooled environmental chambers, each sized for 100 square feet with an operating temperature of 4°C. 21,650 SF	<input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Dexter Rivers	13. ROLE IN THIS CONTRACT Plumbing Engineer	14. YEARS EXPERIENCE 14	A. TOTAL 14	B. WITH N&B 1
15. FIRM NAME AND LOCATION (CITY AND STATE) Newcomb & Boyd Raleigh-Durham		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Architectural Engineering		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) In his career, Dexter strives to combine his passion for the construction industry with his desire to solve problems.		

19. RELEVANT PROJECTS	
<p>(1) TITLE AND LOCATION (CITY AND STATE) Duke University Reuben-Cooke Building Renovation Durham, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE a. Plumbing Engineer: Historic renovation of the Reuben-Cooke Building, originally constructed in 1931. The building comprises classrooms, dry labs, and offices for sociology and psychology departments. 76,500 SF, \$43,300,000</p>	<p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (IF APPLICABLE) In Design</p> <p>■ CHECK IF PERFORMED WITH CURRENT FIRM</p>
<p>(1) TITLE AND LOCATION (CITY AND STATE) Duke University Lilly Library Expansion and Renovation Durham, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE b. Plumbing Engineer: Renovation and expansion of the Lilly Library, originally constructed in 1927. The project includes the addition of study spaces, collaborative research areas, the Thompson Program’s Writing Studio, event space for the FOCUS Program, an exhibit gallery, a student testing facility, additional seating, a café and makerspace, which houses 3D printers and a laser cutter. Pursuing Duke High Performance Building Framework. Sustainable features include LED lighting with daylighting, demand control ventilation and airside economizer. 65,700 SF, \$38,000,000</p>	<p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (IF APPLICABLE) 2024 Under Construction</p> <p>■ CHECK IF PERFORMED WITH CURRENT FIRM</p>
<p>(1) TITLE AND LOCATION (CITY AND STATE) North Carolina Department of Health & Human Services Campus Phase 1 Raleigh, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE c. Plumbing Engineer: Phase I of a twelve-story high-rise Class A office building for 2,300 staff members relocating from the Dorothea Dix campus. The project includes a nine-story structured parking deck and a central utility plant. Office tower facilities include private and open offices, conference rooms, dining space, a print shop, phone booths, and a video recording studio. Additionally, the office includes UPS backup for a 1,500 square foot disaster recovery room and a 7,000 square foot data center, cooled by two 250-ton air cooled chillers. Sustainable features include energy recovery system, LED lighting with daylighting, electric vehicle charging, and a photovoltaic system sized to offset utility loads to the CUP. 420,000 SF, \$250,000,000</p>	<p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (IF APPLICABLE) 2022</p> <p>■ CHECK IF PERFORMED WITH CURRENT FIRM</p>
<p>(1) TITLE AND LOCATION (CITY AND STATE) Winston-Salem State University Auditorium Renovation & Expansion Winston-Salem, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE d. Plumbing Engineer: Advanced planning for the renovations for a two-story, 1,632-seat auditorium built in 1975, including stage lighting, stage suspension/rigging, utility connections, landscaping, and building envelope repairs. Additionally, a 43,000 square foot expansion to the lobby and addition of a collaborative arts space and program enhancements. 80,660 SF, \$41,250,000</p>	<p>(2) YEAR COMPLETED PROFESSIONAL SERVICES CONSTRUCTION (IF APPLICABLE) 2022 2023</p> <p>■ CHECK IF PERFORMED WITH CURRENT FIRM</p>

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Evan Meredith, PE	13. ROLE IN THIS CONTRACT Fire Protection Engineer	14. YEARS EXPERIENCE 9	A. TOTAL 9	B. WITH N&B 8
15. FIRM NAME AND LOCATION (CITY AND STATE) Newcomb & Boyd Atlanta, GA		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) PE Fire Protection Engineering: ME		
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science, Fire Protection Engineering		18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Evan has fire protection engineering experience on over 50 projects, including academic facilities.		

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (CITY AND STATE)	(2) YEAR COMPLETED	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)
<p>University of North Carolina at Chapel Hill Bingham Hall Renovation Chapel Hill, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>a. Fire Protection Engineer: Interior renovation of Bingham Hall, originally constructed in 1927. The building houses the Communications department, and includes offices, huddle spaces, a graduate student lounge, classrooms, and a large active learning space. The renovation includes the installation of a central system by providing two mechanical rooms housing air handling units. 31,000 SF, \$15,000,000</p>	In Design	<input type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	
<p>University of North Carolina at Chapel Hill Business School Addition & Reno. Chapel Hill, NC</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>b. Fire Protection Engineer: Bell Hall, a 140,000 square foot expansion, as well as a 130,000 square foot renovation of the McColl Building for the Kenan-Flagler School of Business. The expansion consists of flat and tiered classrooms, collaborative space, dining and cafe area, a kitchen, event space, administrative offices, study spaces, and a four-story atrium. Renovations to the building include space reconfigurations and finish upgrades, replacement of the roof, and exterior upgrades to reduce air infiltration and condensation. This project is pursuing LEED Platinum and LEED Zero certifications, including net-zero energy and water use. 270,000 SF, \$136,466,040</p>	2023	<input type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	Under Construction
<p>The University of Alabama at Birmingham Basic Health Sciences Building Birmingham, AL</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>c. Fire Protection Engineer: Renovation of the Second, Third, and Fourth Floors of the McCallum Basic Health Sciences Building for modern research, research support, office, and administrative support space. The project also includes an addition of a two-story lobby entrance. 61,750 SF, \$17,950,000</p>	2022	<input type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2023
<p>The University of Alabama at Birmingham East and South Science Halls Birmingham, AL</p> <p>(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE</p> <p>d. Fire Protection Engineer: East and South Science Halls, the first phase of the Science and Engineering Complex supports research and education in Biology, Chemistry, and Physics. Phase I features instructional and research laboratories, classrooms, faculty and staff office space, administrative spaces, and study and student function spaces. The first phase also includes the extension of the central steam and chilled water distribution systems. The complex is pursuing LEED Silver certification. 138,840 SF, \$50,500,000</p>	2020	<input type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2023

E. Resumes of Key Personnel Proposed for this Contract



12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	A. TOTAL	B. WITH VINES
Anna Revington Reaves	Landscape Architect		21	00
15. FIRM NAME AND LOCATION (CITY AND STATE)				
Revington Reaves Landscape Architecture Greensboro, NC				
16. EDUCATION (DEGREE AND SPECIALIZATION)				
Master of Landscape Architecture & Master of Regional Planning, Cornell University		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)		
Bachelor of Landscape Architecture, NCSU		NC RLA #1692, SC RLA #1710		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.)				
Greensboro WBE Outstanding Professional Services Firm Award Junior Faculty Teaching Award, N.C. A&T State University				

19. RELEVANT PROJECTS

[1] TITLE AND LOCATION (CITY AND STATE)		[2] YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)
MARTEENA HALL RENOVATION, NC A&T UNIVERSITY GREENSBORO, NC		2025	2027
[3] BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE		■ CHECK IF PERFORMED WITH CURRENT FIRM	
a.	The renovation of Marteena Hall seeks to provide new spaces for NC A&T’s Physics and Mathematics departments while providing a new vision for the existing, outdated building. Marteena Hall sits prominently alongside the University’s Student Center on one of three main quads found within NC A&T’s campus. The renovation will include improved accessibility and connectivity, innovative active learning spaces, student meeting spaces, a planetarium, telescope observatory, and will revitalize the abilities of each department.” Size: 72,000 GSF Cost: \$53 M Role: Senior Landscape Architect, Subconsultant		
TURNER HALL, SOUTH CAROLINA STATE UNIVERSITY ORANGEBURG, SC		2024	2026
[3] BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE		■ CHECK IF PERFORMED WITH CURRENT FIRM	
b.	The Turner Hall replacement project will bring a new multi-disciplinary academic building to the SCSU campus. The building, currently in schematic design, will include traditional classrooms, collaborative learning areas, office space, and an exterior gathering plaza. Revington Reaves is providing full landscape design services from schematic design through construction administration. Size: 94,000 SF Cost: \$54.7 million Role: Senior Landscape Architect, Subconsultant		
WEATHERSPOON ART MUSEUM COURTYARD RENOVATION, UNCG GREENSBORO, NC		2020	2021
[3] BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE		■ CHECK IF PERFORMED WITH CURRENT FIRM	
c.	The Weatherspoon Sculpture Courtyard is the primary entry and a main gathering space at the to the renowned Weatherspoon Art Museum. Revington Reaves was tasked with re-imagining how the courtyard could better serve the museum and the broader UNCG Community. This renovation involved significant changes that created new spaces for art exhibition, outdoor learning, large gatherings, dynamic lighting, and garden insertions. Size: 5,000 SF Cost: \$45k Role: Senior Landscape Architect, Prime Consultant		
JAN VAN DYKE COURTYARD RENOVATION, UNCG GREENSBORO, NC		2019	2020
[3] BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE		■ CHECK IF PERFORMED WITH CURRENT FIRM	
d.	The Jan Van Dyke Courtyard is an enclosed, open-air courtyard at the Coleman School of Dance at the University of Greensboro. The courtyard has long been an unused patch of green within the building that was created during architectural additions. Revington Reaves adapted the courtyard to serve as an active space for students and faculty to collaborate, rest, and perform in. The courtyard features a plank paver surfacing, bluestone pavers, and movable furnishings all set within a garden frame. Size: 2,500 SF Cost: \$25k Role: Senior Landscape Architect, Prime Consultant		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM

15. FIRM NAME AND LOCATION *(City and State)*

16. EDUCATION <i>(Degree and Specialization)</i>	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i>
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18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

a. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

b. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

c. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

d. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

e. (3) BRIEF DESCRIPTION *(Brief scope, size, cost, etc.)* AND SPECIFIC ROLE Check if project performed with current firm

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME C. ROSS MASSEY	13. ROLE IN THIS CONTRACT CIVIL PROJECT MANAGER	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 2
15. FIRM NAME AND LOCATION <i>(City and State)</i> SWIFT PARTNERS PLLC, RALEIGH NC			
16. EDUCATION <i>(Degree and Specialization)</i> B.S. CIVIL ENGINEERING - (NC STATE UNIVERSITY)		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> NC PE 19779 CIVIL	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION <i>(City and State)</i> RALEIGH UNION STATION BUS STATION, RALEIGH NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(If applicable)</i> ONGOING
a. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm CONSTRUCTION OF A 640,000SF 23 STORY MIXED USE BUILDING WITH TRANSIT STATION INFRASTRUCTURE INCLUDING PUBLIC UTILITIES, PUBLIC TRANSPORTATION FACILITIES, STORMWATER CONVEYANCE, AND STREET DESIGN		
(1) TITLE AND LOCATION <i>(City and State)</i> SEABOARD STATION BLOCK A, RALEIGH NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(If applicable)</i> ONGOING
b. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm A 194,240 SF 7 STORY MIXED USE BUILDING (RETAIL, RESTAURANT, RESIDENTIAL, AND HOTEL) INFRASTRUCTURE INCLUDING PUBLIC UTILITIES, STORMWATER MANAGEMENT, STORMWATER CONVEYANCE, STREET DESIGN, AND COORDIANCTION WITH DUKE ENERGY EASEMENT ENCROACHMENT		
(1) TITLE AND LOCATION <i>(City and State)</i> SEABOARD STATION BLOCK C, RALEIGH NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(If applicable)</i> OGNOING
c. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm A 295,597 SF 7 STORY MIXED USE BUILDING (RETAIL, RESTAURANT, AND RESIDENTIAL) INFRASTRUCTURE INCLUDING PUBLIC UTILITIES, STORMWATER MANAGEMENT, STORMWATER CONVEYANCE, STREET DESIGN, AND COORDIANCTION WITH CSX RAILROAD EASEMENT ENCROACHMENT		
(1) TITLE AND LOCATION <i>(City and State)</i> NC STATE UNIVERSITY ALUMNI CENTER, RALEIGH NC	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2005	CONSTRUCTION <i>(If applicable)</i> 2006
d. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm A 70,000 SF MEETING AND EVENTS CENTER FOR NC STATE ALUMNI - GRADING, DRAINAGE, UTILITIES, EROSION CONTROL, AND STORMWATER MANAGEMENT		
(1) TITLE AND LOCATION <i>(City and State)</i> NC STATE VISTOR CENTER	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
e. (3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm		

E. Resumes of Key Personnel Proposed for this Contract



12. NAME Scott Richardson, LC IESNA	13. ROLE IN THIS CONTRACT Lighting Design and Consultation	14. YEARS EXPERIENCE 27	A. TOTAL 27	B. WITH LDF 21
15. FIRM NAME AND LOCATION (CITY AND STATE) Light Defines Form, Inc. (Greensboro, NC)				
16. EDUCATION (DEGREE AND SPECIALIZATION) Parsons School of Design (MFA, Lighting Design) UNC Greensboro (BFA, Theatre Design and Technical Direction)		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) N/A		
18. OTHER PROFESSIONAL QUALIFICATIONS (PUBLICATIONS, ORGANIZATIONS, TRAINING, AWARDS, ETC.) Lighting Certified (LC) by the NCQLP, Professional Member of the Illuminating Engineering Society of North America (IESNA), Award of Excellence (IALD)				

19. RELEVANT PROJECTS		(2) YEAR COMPLETED	
(1) TITLE AND LOCATION (CITY AND STATE)	(3) BRIEF DESCRIPTION (BRIEF SCOPE, SIZE, COST, ETC.) AND SPECIFIC ROLE	PROFESSIONAL SERVICES	CONSTRUCTION (IF APPLICABLE)
a. NC A&T STATE UNIVERISTY STUDENT CENTER GREENSBORO, NC	Project Description..... New construction student center at heart of campus with cafeteria, restaurants bookshop and student services Role: Lighting Consultant Size: 150,000 SF Construction Cost: \$90 million	2017 <input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2019
b. DUKE UNIVERSITY GROSS HALL RENOVATION DURHAM, NC	Project Description..... Complete renovation including multidisciplinary innovation center , classrooms and meeting areas. Role: Lighting Designer and Consultant Size: 135,000 SF Construction Cost: \$29 million	2013 <input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2015
c. NC STATE UNIVERSITY GREGG MUSEUM OF ARTH AND DESIGN RALEIGH, NC	Project Description..... Adaptive reuse and new construction of former Chancellors residence with addition including new galleries workrooms Role: Lighting Designer and Consultant Size 6,900 SF renovation, 15,000 addition Construction Cost: \$9 million	2016 <input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2017
d. UNC GREENSBORO SPARTAN VILLAGE PHASE 1 GREENSBORO, NC	Project Description..... New construction for mixed use residential district with four halls including amenities, retail and teaching spaces. Role: Lighting Designer and Consultant Size: 384,000 SF Construction Cost: \$48 million	2014 <input checked="" type="checkbox"/> CHECK IF PERFORMED WITH CURRENT FIRM	2015

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


	12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
	Michael Frank	Principal in Charge	<small>A. TOTAL</small>	<small>B. WITH CURRENT FIRM</small>
			28	1
15. FIRM NAME AND LOCATION (City and State)				
NV5 Engineers and Consultants, Inc. (Cary, NC)				
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Northeastern University / Bachelor of Science / Electrical Engineering			N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
SynAudCon				

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	University of North Carolina Greensboro, Greensboro NC Jeanne Tannenbaum Center of the Arts	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2025	Est. 2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Project Manager - Planning/Design: Audiovisual, IT/Telecom, Security, Acoustics, Lighting. 15K SF Center of the Arts plans to include a digital lab, a multipurpose space, a gallery, instructional and studio rooms, and offices. The building is intended to serve as a connection between the community and university. CONSTRUCTION COST: \$13.4 M		
b.	University of North Carolina Chapel Hill, Chapel Hill NC Carrington Hall School of Nursing	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2026	Est. 2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Project Manager - Planning/Design: Audiovisual, IT/Telecom, Security, Acoustics. 84K SF renovation introduces cutting-edge technology to enhance the institution's medical education program. Spaces include immersive VR labs, active learning classrooms, a skills lab, and a video production suite. CONSTRUCTION COST: \$65 M		
c.	University of North Carolina Charlotte, Charlotte NC Burson Hall Renovation	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2026	Est. 2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Project Manager - Planning/Design: Audiovisual, IT/Telecom, Security. 105K SF renovation to School of Engineering building. The facility is planned to include boardrooms, conference rooms, classrooms, office spaces, and small group collaboration spaces. CONSTRUCTION COST: \$55 M		
d.	University of North Carolina Charlotte, Charlotte NC Popp Martin Student Union Mezzanine Lounge Renovation	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2025	Est. 2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Principal in Charge - Planning/Design: Audiovisual, IT/Telecom. A 5v5 gaming area with fixed stations, cameras, and an LED display for viewing. It includes a production room equipped for streaming and recording, with coordination required for network connectivity. The setup features high-quality audio, professional camera equipment, and a mobile shoutcaster kit for remote commentary. CONSTRUCTION COST: \$2 M		
e.	Radford University, Radford, VA Center for Adaptive Innovation and Creativity	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Principal in Charge- Planning/Design: Audiovisual, IT/Telecom. New 168K SF interdisciplinary health sciences building designed to centralize research and innovation in sound and movement-based therapies. Facility houses three active learning classrooms, specialized computer labs and conference rooms, clinic and observation rooms, green room, and a black box theater. Student centered spaces include custom studio spaces such as the dance studio, music studio, recording studio, teaching studio featuring a grand piano, and sandbox studio. CONSTRUCTION COST: \$79 M		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)


	12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
	Michael Johnson CTS-D, CTS-I	Audiovisual Systems Designer	<small>A. TOTAL</small>	<small>B. WITH CURRENT FIRM</small>
			8	1
15. FIRM NAME AND LOCATION (City and State)				
NV5 Engineers and Consultants, Inc. (Cary, NC)				
16. EDUCATION (Degree and Specialization)			17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	
Appalachian State University / BA / Religious Studies, Appalachian State University / BA / English, Film Studies Concentration			N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)				
Audiovisual and Integrated Experience Association (AVIXA), SynAudCon				

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	University of North Carolina Charlotte, Charlotte NC Burson Hall Renovation	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2026	Est. 2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Audiovisual Designer - Planning/Design: Audiovisual, IT/Telecom, Security. 105K SF renovation to School of Engineering building. The facility is planned to include boardrooms, conference rooms, classrooms, office spaces, and small group collaboration spaces. CONSTRUCTION COST: \$55 M		
b.	University of North Carolina Charlotte, Charlotte NC Popp Martin Student Union Mezzanine Lounge Renovation	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2025	Est. 2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Audiovisual Designer - Planning/Design: Audiovisual, IT/Telecom. A 5v5 gaming area with fixed stations, cameras, and an LED display for viewing. It includes a production room equipped for streaming and recording, with coordination required for network connectivity. The setup features high-quality audio, professional camera equipment, and a mobile shoutcaster kit for remote commentary. CONSTRUCTION COST: \$2 M		
c.	University of Texas Tyler, Tyler TX Nursing School	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2025	Est. 2025
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Audiovisual Designer - The expansion adds 47,000 square feet, significantly increasing simulation and skills lab spaces. The space includes various simulation spaces tailored for training in medical-surgical acute care, intensive care, pediatrics, mother-baby, and home health. Additionally, it features an open lab for clinical preparation, a student lounge, debriefing rooms, offices, a workroom, and health assessment labs. CONSTRUCTION COST: \$50.5 M		
d.	North Carolina State University, Raleigh NC Mann Hall	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		Est. 2027	Est. 2027
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Audiovisual Designer - Planning/Design: Audiovisual, IT/Telecom, Acoustics, Lighting. Renovation to the 79K SF building, plans to have the 1st floor dedicated to esports. The gaming area will include a 300-seat arena, strategy rooms, a 60-seat practice lab, a broadcast booth, a shoutcaster booth, and a lounge. Floors 2 and 3 house technology-enhanced spaces, including active learning classrooms, engineering labs, conference rooms, offices, and maker spaces. CONSTRUCTION COST: \$34 M		
e.	Rowan University, Glassboro NJ Campbell Library	<small>PROFESSIONAL SERVICES</small>	<small>CONSTRUCTION (if applicable)</small>
		2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	<small>Check if project performed with current firm</small>
	Audiovisual Designer - Planning/Design: Audiovisual, IT/Telecom, Security, Acoustics. Renovation provides a state-of-the-art technological environment for students and faculty. An AV infrastructure package was developed to enhance various spaces, including an Enhanced Technology Classroom, Conference Rooms, Huddle Spaces, and a Technology Assistance area. These areas feature projection systems, multiple flat panel displays, ceiling speakers, microphones, room scheduling systems, and a building-wide paging system. In collaboration with the University, library spaces were designed to adhere to Rowan's standards, ensuring the technology supports both current and future library activities. These innovations include multiple touchdown spaces for collaboration and ad-hoc meetings, reflecting the shift towards digital functionality in modern libraries. CONSTRUCTION COST: \$15 M		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

	12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS OF EXPERIENCE	
	Terry A. Robinette RCDD, PSP	Lead IT/Telecom & Security	A. TOTAL	B. WITH CURRENT FIRM
			37	15
15. FIRM NAME AND LOCATION (City and State)				
NV5 Engineers and Consultants, Inc. (Columbus, OH)				

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
University of Akron / Associate Degree / Electrical Engineering Technology	N/A

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
 Registered Communications Distribution Designer (RCDD) by BICSI, the highest level of certification in the telecommunications industry; Physical Security Professional (PSP) by ASIS International; Building Industry Consulting Service International (BICSI); ASIS International (ASIS), the preeminent organization for security professionals; Buckeye Association of School Administrators (BASA)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
a.	Medical University of South Carolina, Charleston SC Science Building.	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2024	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Lead IT/Telecom- Planning/Design: Audiovisual, IT/Telecom, Acoustics. 43K SF renovation of Basic Science Building and 43K SF addition to School of Pharmacy. Designed to foster an interactive learning environment through advanced technologies in flexible spaces that nurture collaborative learning. Educational tactics provide an empirical basis for students is achieved through simulation rooms. Includes a virtual reality room for education-based content creation and viewing, procedure rooms dedicated task training, briefing and pre-briefing, an ICU, and an OR Simulation Room supported by a system control room. Facility includes active learning classrooms, media enhanced study rooms, shared work and meeting rooms, learning commons, a computer lab, and café. CONSTRUCTION COST: \$50 M		
b.	University of North Carolina Charlotte, Charlotte NC Science Building and Data Center	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Lead IT/Telecom- Planning/Design: IT/Telecom, Acoustics. New 130K SF science building accommodates collaborative and computational learning by providing a technology rich environment. Spaces include classrooms, teaching labs, computer and research labs, data center, conference rooms, student lounges, and an atrium. The nuclear magnetic resonance room is designed with an isolated slab to control the transmission of structural and equipment vibration. Documents also provide guidelines and recommendations for technical power, grounding, firestopping, and conduit run applicable to telecommunications spaces within the building. CONSTRUCTION COST: \$101 M		
c.	Northern Kentucky University, Highland Heights, KY Health Innovations Center	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Lead IT/Telecom & Security - Planning/Design: Audiovisual, IT/Telecom, Security, Acoustics. 248K SF renovation/addition for a research and instructional facility supporting science and healthcare training programs. Features flexible classrooms, learning studios, and teaching labs adaptable for future technologies, plus medical simulation. CONSTRUCTION COST: \$97 M		
d.	Tennessee State University, Nashville TN Health Sciences Building	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2020	2020
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Lead IT/Telecom & Security - Planning/Design: Audiovisual, IT/Telecom, Security, Acoustics. New 120k SF state-of-the-art facility engages students in a technology rich learning environment. Spaces include high fidelity simulation labs, instruction labs, reconfigurable classrooms, group study rooms, and conference rooms. CONSTRUCTION COST: \$34 M		
e.	Howard Community College, Columbia MD Health Sciences Building.	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
		2013	2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/>	Check if project performed with current firm
	Lead IT/Telecom- Planning/Design: Audiovisual, IT/Telecom, Acoustics. New 113,000 SF health sciences building. Spaces include 150-seat lecture hall, 40-seat classrooms, computer lab, small group study spaces, skills labs for nursing, home health, cardiovascular technology, radiologic technology, and EMS. Also includes multitude of nursing simulation labs. LEED Gold Certified. CONSTRUCTION COST: \$37 M		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT
(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Israel Aguero, LEED AP BD+C, CCP	Cost Estimator	a. TOTAL 22	b. WITH CURRENT FIRM 22

15. FIRM NAME AND LOCATION (City and State)
Forella Group, LLC; Chantilly, Virginia



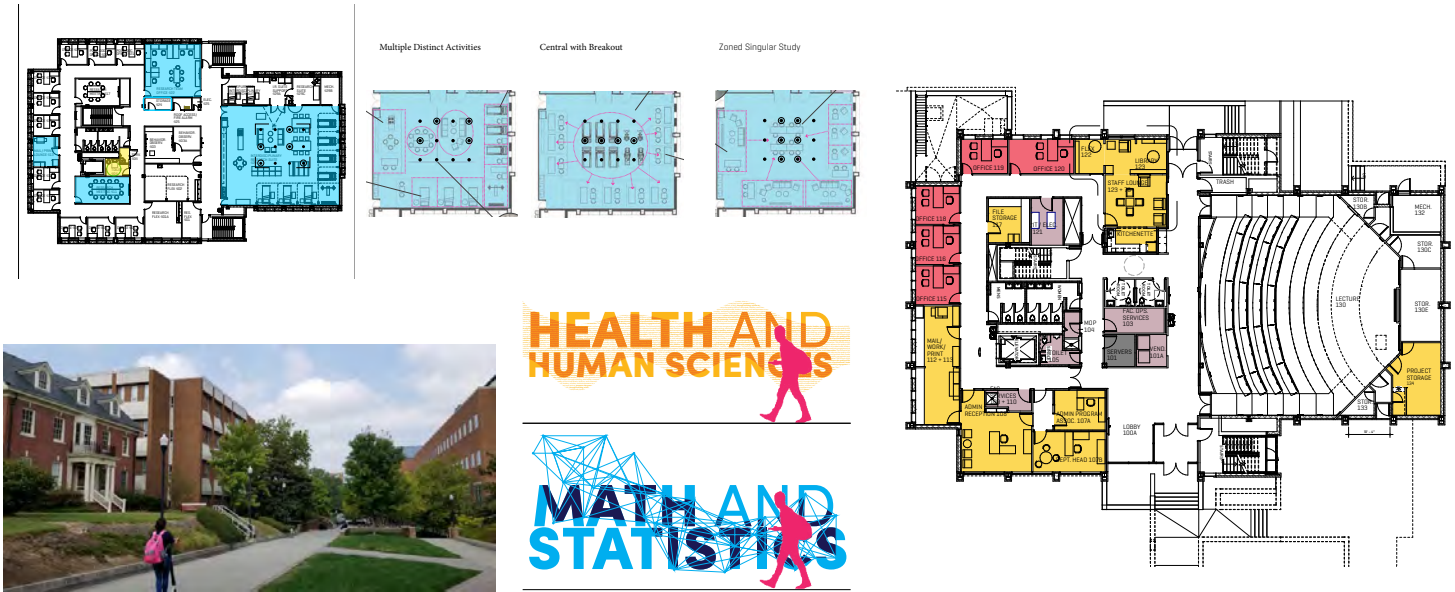
16. EDUCATION (DEGREE AND SPECIALIZATION)
George Mason University / Bachelor of Science / Business Management

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
Certified Cost Professional/ 4136
LEED AP BD+C 10589077

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
As a project controls expert, Mr. Aguero has developed construction cost estimates and analyses for projects representing millions of square feet of federal construction in the U.S. His background enables him to identify potential construction conflicts, premiums and risks from the earliest phases and develop mitigation strategies to ensure successful project budgetary outcomes. This insight enhances the owner's leverage and control over the three things most critical to every owner: cost, schedule, and quality.

9. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	North Carolina Agricultural and Technical University, Marteen Hall Renovation & Addition, Greensboro, North Carolina	2024	Est. 2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Cost management services were provided for the school to enhance water infrastructure, full MEP system replacements, exterior envelope upgrades, and interior redesign. The new facility program will include teaching labs, a planetarium, physics labs, AI labs, research labs, mathematics and active learning classrooms, and faculty offices. CM@Risk. North Addition Renovation: \$48.17 million / 84,654 GSF. East-West Addition Renovation: \$49.19 million / 88,514 GSF.		
b.	University of North Carolina, UNCA Lipinsky Hall Renovation, Asheville, North Carolina	2024	Est. 2027
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Concept phase cost management services were provided for a project that involved a major renovation and expansion of Lipinsky Hall to modernize and enhance its facilities for the Music Department and other university offices. This includes creating a versatile auditorium, rehearsal spaces, classrooms, and labs, while also upgrading mechanical, electrical, and plumbing systems. CM@Risk. \$33.03 million. 45,487 GSF.		
c.	University of North Carolina at Ashville, UNCA Planetarium, Ashville, North Carolina	2024	Est. 2027
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Cost management services were provided for the planetarium that will feature a 180° projection dome approximately 40–50 feet in diameter, with an operator console located inside the room, seating for up to 100–150 people, associated office space, audio-visual support, mechanical services, a lobby, and restrooms. CM@Risk. \$14.5 million. 7,734 GSF.		
d.	East Carolina University, Brody School of Medicine Medical Education Addition, Greenville, North Carolina	2024	Est. 2027
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Cost management services were provided for the new 260,000-square-foot multi-story Medical Education Building, 500-space parking garage, and significant utility plant work, including classrooms, faculty offices, collaborative meeting spaces, research space, and medical simulation space. CM@Risk. \$210.63 million. 260,000 GSF.		
e.	Norfolk State University, New Science Building, Norfolk, Virginia	2020	Est. 2026
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
	Cost management services were provided for the programming, planning and schematic design services for a new 125,000 square feet Science Building. The facility will house spaces for Chemistry, Biology and Physics departments. The facility should accommodate office functions, wet labs, dry labs and research labs, prep space, flexible instructional spaces, Planetarium, a ground level Greenhouse, multi-disciplinary conference rooms, computer lab space, storage, and security areas. LEED Silver. CM@Risk. \$128 million. 132,080 GSF.		



21. TITLE AND LOCATION

UNCG Moore Building Renovation - Greensboro, NC

22. YEAR COMPLETED PROF. SERVICES CONSTRUCTION

2021 TBD

a. PROJECT OWNER

UNC Greensboro

b. POINT OF CONTACT NAME

David Friedman, University Architect

c. POINT OF CONTACT PHONE NUMBER

[336] 334 4315

24 PROJECT DESCRIPTION

The Moore Building Renovation, located in the academic core of UNCG’s campus, is planned for the repurposing of the former School of Nursing Building into an academic building housing the departments of Mathematics and Statistics as well as providing flexible research space for the department of Health and Human Sciences. The renovation will address deferred maintenance of HVAC, electrical and plumbing systems and equipment, and address accessibility improvements and architectural renovations and reconfiguration necessary to meet the needs of the new building program.

A major goal for the project is to improve building utilization and wayfinding. In order to conserve as much of the limited budget as possible to address deferred maintenance of the building’s systems, the design strategy maximizes making the best use of existing spaces with minimal reconfiguration. New finishes and graphics are utilized to bring new life and energy to the interiors while improving wayfinding. Reconfiguration of spaces are planned on the first floor to create a new administrative suite, staff workroom, and faculty lounge.

New finishes and large scale wall graphics and colors not only improve navigation throughout the building but provide branding and identity to each department.

PROJECT SCOPE

Full Architectural Services in Design and Construction

PROJECT SIZE

40,000 SF

BUDGET

\$2.5M

PROJECT RELEVANCE

Renovation Project
State Construction Project
UNC Greensboro Campus Project
Academic Teach and Office Spaces
Wayfinding and Circulation Improvements

1 FIRM NAME

Vines Architecture

2 FIRM LOCATION

Raleigh, NC

3 ROLE

Design Architect of Record



21. TITLE AND LOCATION

UNCG 1510 Walker Avenue Building Renovation - Greensboro, NC

a. PROJECT OWNER

UNC Greensboro

b. POINT OF CONTACT NAME

David Friedman

22. YEAR COMPLETED

PROF. SERVICES

2017

CONSTRUCTION

2018

c. POINT OF CONTACT PHONE NUMBER

[336] 334 4315

24 PROJECT DESCRIPTION

The Dance Department, Middle College, and ATEP Lab Renovations are components of a larger planning and programming study completed by Vines Architecture in 2015. The Walker Avenue and Coleman Building Project at UNC at Greensboro involves the renovation and repurposing of over 80,000 square feet of existing building with the goal of expanding, reallocating and organizing program space among multiple Collegiate Departments. The initial study included Programming and Planning Work Sessions with the Dance Department, Middle College, School of Health and Human Science and Athletics Department to determine space priority needs and determine how to effectively allocate existing spaces to meet these needs. The previous ad hoc allocation of departmental spaces has been reorganized, enhancing and improving connectivity within and between buildings. Dance Department, Middle College, and Athletic Training Education Program [ATEP] Lab renovations include:

- Complete reconfiguration of existing toilets, lockers and dressing rooms
- Improved signage and identity (including new finishes and millwork that enhance legibility of departmental spaces)
- New student spaces with infrastructure, seating and architectural finishes and millwork that support informal study, interaction and group work

PROJECT SCOPE

Full Architectural Services including Advance Planning, Design and Construction

PROJECT SIZE

80,000 SF

BUDGET

\$7.5M

PROJECT RELEVANCE

Transformative Renovation
Preservation of Architectural Character
State Construction Project
Collaborative Spaces
Academic Campus

1 FIRM NAME

Vines Architecture
Light Defines Form

2 FIRM LOCATION

Raleigh, NC
Greensboro, NC

3 ROLE

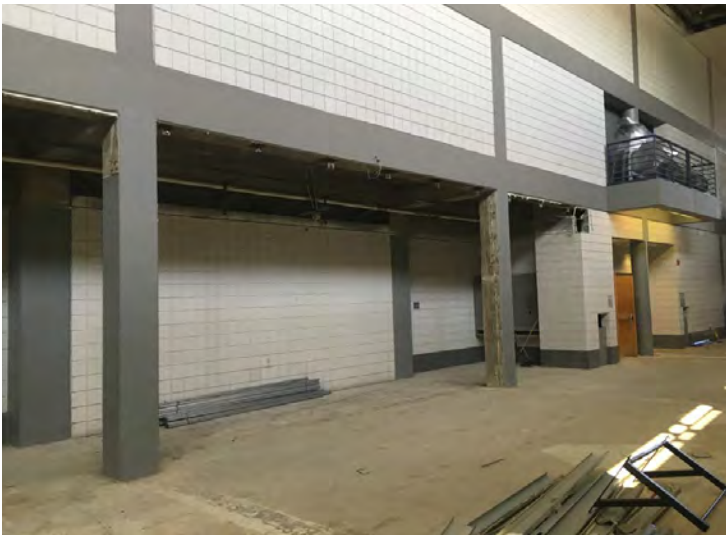
Design Architect of Record
Lighting Design



Theater Entry Area [Before]



Theater Entry Area [After]



Technology Center [Before]



Technology Center [After]



Common Area [Before]



Common Area [After]

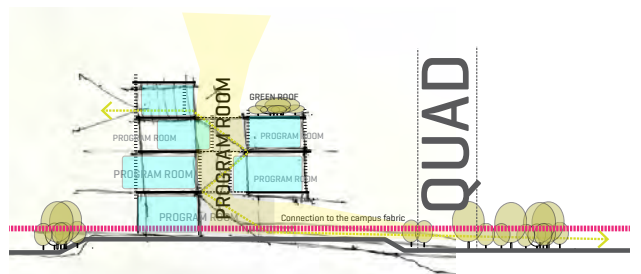
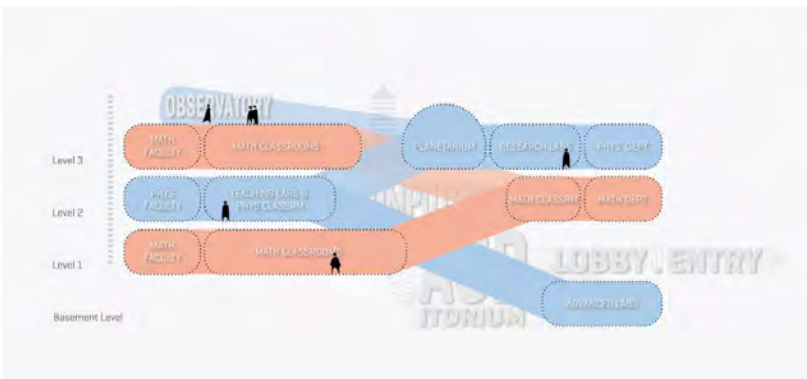


Exterior Entry [Before]



Exterior Entry [After]





Spatial Organizational Opportunities



21. TITLE AND LOCATION

UNC Chapel Hill Undergraduate Library Renovation - Chapel Hill, NC

22. YEAR COMPLETED PROF. SERVICES CONSTRUCTION
 Ongoing 2026

a. PROJECT OWNER

The University of North Carolina at
Chapel Hill

b. POINT OF CONTACT NAME

Quade Gallagher, AIA
Architect, Capital Project Manager

c. POINT OF CONTACT PHONE NUMBER

[984] 484 4113

24 PROJECT DESCRIPTION

The Undergraduate Library Renovation relocates the Center for Student Success (CFSS) to the third floor of the Robert B. House Undergraduate Library (UL) and renovates key public service points within the library to improve the overall student and staff experience. The renovation re-envisioned the library as a campus hub for student academic life and support services. The relocation of CFSS is intended to strengthen the partnership between the two organizations while providing students with aligned services in a singular location, improving visibility and access to student services across a variety of academic literacies: research, academic, digital and design.

The renovation will support a greater sense of campus community by maximizing visibility of programs and promoting diversity and inclusivity. Existing programs within the UL will be renovated to improve operational functionality through the creation of new service points and open student areas. The lower level will be renovated to create a dynamic open space and will house the majority of the physical collection within the building while the main level will be renovated to eliminate the large service and computer desks which both constrict the space and create confusion due to the existing symmetrical design.

PROJECT SCOPE

Feasibility Study and Concept Design;
Full Architectural Services including
Design and Construction

PROJECT SIZE
75,000 SF

BUDGET
\$6.5M

PROJECT RELEVANCE

Transformative Renovation
Academic Campus
State Construction Project
Similar Project Budget
Formal and Informal Student Spaces

1 FIRM NAME

Vines Architecture
Light Defines Form

2 FIRM LOCATION

Raleigh, NC
Greensboro, NC

3 ROLE

Design Architect of Record
Lighting Design



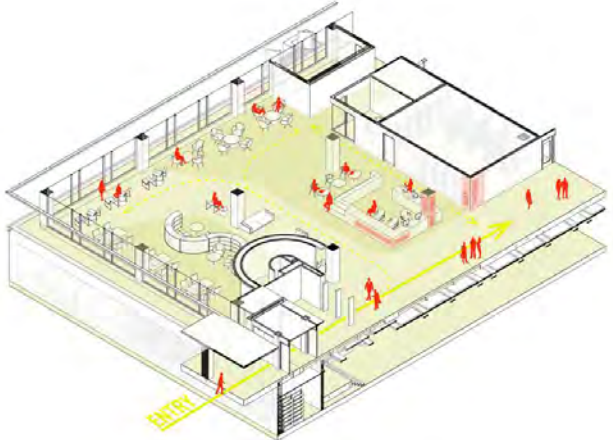
Lower Level MDC Desk - After



UPPER LEVEL LOUNGE AND DESK



New Center For Student Success Office And Meeting Spaces [Upper Level]



New Undergraduate Library Entry, Public Space, And Information Desk [Main Level]



20. TITLE AND LOCATION (City and State)

Appalachian State University Post Office Renovation, Boone, NC

21. YEAR COMPLETED

- a. PROFESSIONAL SERVICES 2023
- b. CONSTRUCTION (If applicable) 2024

22. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Appalachian State University

b. POINT OF CONTACT NAME

Jacki McGuire, NCIDQ

c. POINT OF CONTACT TELEPHONE NUMBER

980-333-1713 / mcguirejs@appstate.edu

23. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT

Scope: Programming/Planning, Branding, Design, Documentation, CA

Size: Approx. 4,800 SF

Construction Cost: \$1.23M

Project Responsibilities and Role:

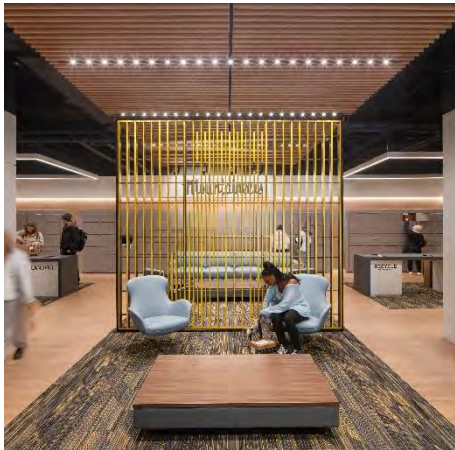
Kenneth Luker - Programming/ Planning Lead, Project Manager

Foad Faizi - Lead Designer

Architect: Studio Archibene

The project was initiated to study replacing underused, assignable postal boxes with a new system of 'smart lockers' that utilizes technology to provide greater flexibility and efficiency in mail delivery services. The TZ SMart Locker system will provide 575 postal boxes in a variety of sizes that are assigned to the parcel rather than the student, greatly increasing the efficiency of mail service. The project will also reorganize the postal lobby to make it more inviting, safe, and intuitive. This will include more seating, digital media, branding, and service kiosks.

The public facing postal service counter will be updated along with the postal retailing displays. The passport photo office will be relocated and increased in size and four adjacent offices that serve Student Health will be relocated to better align with the student health program they serve.



24. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	1. FIRM NAME	2. FIRM LOCATION (City and State)	3. ROLE
a.	Studio Archibene	Durham, NC	Architect
b.	Light Defines Form	Greensboro, NC	Lighting Designer
c.			

20. TITLE AND LOCATION (City and State)

Duke School of Medicine, Medical Sciences Research Building III
Durham, NC

21. YEAR COMPLETED

a. PROFESSIONAL SERVICES 2017
b. CONSTRUCTION (If applicable) 2018

22. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER
Duke University

b. POINT OF CONTACT NAME
Shawn Subasic, Director of
Facility Planning, Design &
Construction

c. POINT OF CONTACT TELEPHONE NUMBER
shawn.subasic@duke.edu

23. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Scope: Programming/Planning,
Design, Documentation, CA
Size: 120,000 SF
Construction Cost: \$74.4M
Project Responsibilities and Role:
Kenneth Luker - Design Principal /
Programming Lead
Architect: Perkins&Will

The Medical Sciences Research Building III (MSRB III) is a new 7-story biomedical research building on the Duke University Medical School Research Campus. As part of a larger community of medical research facilities, this new lab offers maximum flexibility for recruitment and temporary flex-lab uses.

As you enter the lobby, a modular frame wood panel ceiling and blade lights guide building users through the space, a form inspired by genome sequencing. The upper floors are an equal mixture of open laboratories, technical laboratory support space, and open office systems. Ground floor areas are designed for casual social encounters and scheduled programming events with café service. A place for serendipitous meeting, numerous touchdown nooks and abundant writable wall surfaces are available to accommodate individual work preferences or impromptu collaborative.



24. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	1. FIRM NAME	2. FIRM LOCATION (City and State)	3. ROLE
a.	Studio Archibene *K Luker in assoc. w/ P&W	Durham, NC	Architect
c.	Light Defines Form	Greensboro, NC	Lighting Designer
d.			

20. TITLE AND LOCATION (City and State)

Wake Tech RTP Building 1
Morrisville, NC

21. YEAR COMPLETED

a. PROFESSIONAL SERVICES 2015
b. CONSTRUCTION (If applicable) 2017

22. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Wake Tech Community College

b. POINT OF CONTACT NAME

Wendell Goodwin

c. POINT OF CONTACT TELEPHONE NUMBER

919-866-5577,
wbgoodwin@waketech.edu

23. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Scope: Campus Master Plan Update, Programming, Design

Size: 109,000 SF

Construction Cost: \$47.2M

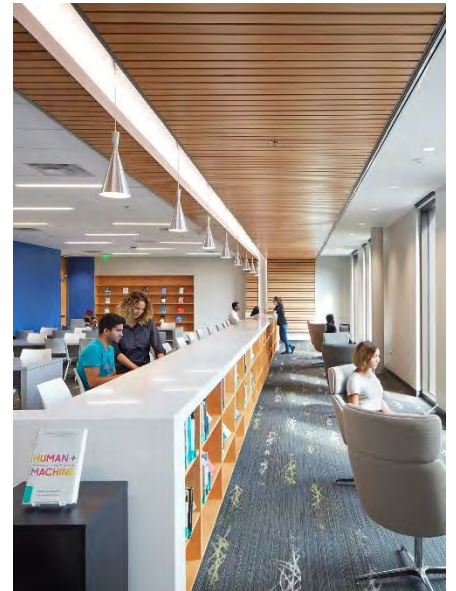
Project Responsibilities and Role:

* Kenneth Luker - Design Principal leading campus planning, programming, and design.

Architect: Perkins+Will

This General Administration and Classroom Building was the first construction on the new, 94-acre Research Triangle Park (RTP) Campus for Wake Tech Community College and defined the character and direction of future campus growth. The design employs essential elements of the American collegiate tradition to create a 'campus in one' building with spaces designed and organized to connect students to one another and to encourage a shared sense of place. The three-story building hosts an expansive program of classrooms, faculty offices, student dining, library, auditorium, and administrative suites surround a three-sided campus quad.

Programs of this new campus will prioritize those associated with the high-tech companies of the RTP. Therefore, computer labs and technology are major components of this project programming and are featured prominently in the design. Full-height glass walls showcase the computer rack rooms and labs to celebrate the tech-forward education of the WTCC RTP Campus.



24. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	1. FIRM NAME	2. FIRM LOCATION (City and State)	3. ROLE
a.	Studio Archibene *K Luker in assoc. w/ P&W	Durham, NC	Architect
c.	Light Defines Form	Greensboro, NC	Lighting Designer
d.			

20. TITLE AND LOCATION (City and State)

GTCC Hassell Health Technologies Center
Jamestown, NC

21. YEAR COMPLETED

a. PROFESSIONAL SERVICES 2007
b. CONSTRUCTION (If applicable) 2009

22. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Guilford Tech Community College	b. POINT OF CONTACT NAME -	c. POINT OF CONTACT TELEPHONE NUMBER -
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23. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

Scope: Programming/Planning, Design, Documentation, CA

Size: 120,000 SF

Construction Cost: \$74.4M

Project Responsibilities and Role:

Kenneth Luker - Lead Designer

Architect: The Freelon Group

The Hassell Health Technologies Center is a 3-story classroom and faculty office building on the main campus of Guilford Tech. The building provides teaching and support spaces for nursing, medical assisting, surgical technology, physical therapy assistants, health services administration, and biology and biotechnology lab programs. The building is organized as a double-loaded circulation with faculty offices to one side and labs and classrooms to the other.

The building's orientation reconciles two campus geometries. On its north side, the massing parallels the primary parking for the commuter campus, providing a welcoming campus entry. A through-lobby near the center connects to a primary campus path and the heart of campus. Anchoring this south entrance is a volume that folds out from the main building massing as a formal gesture bringing together the two campus axes. This distinct volume houses administrative offices, conference rooms, and other building-wide programs.



24. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	1. FIRM NAME	2. FIRM LOCATION (City and State)	3. ROLE
a.	Studio Archibene *K Luker in assoc. w/ P&W	Durham, NC	Architect
c.			
d.			

G. Key Personnel Participation in Example Projects

26. NAMES OF KEY PERSONNEL
(FROM SECTION E, BLOCK 12)

27. ROLE IN THIS CONTRACT
(FROM SECTION E, BLOCK 13)

28. EXAMPLE PROJECTS LISTED IN SECTION F
(FILL IN "EXAMPLE PROJECTS KEY" SECTION BELOW BEFORE COMPLETING TABLE. PLACE "X"
UNDER PROJECT KEY NUMBER FOR PARTICIPATION IN SAME OR SIMILAR ROLE.)

VINES ARCHITECTURE		1	2	3	4	5	6	7	8	9	10
Victor Vines, AIA, LEED AP, NOMA	Principal-in-Charge	x	x	x	x	x	x				x
Kenneth Luker, FAIA	Programming/ Planning							x	x	x	x
Adam Brakenbury, AIA	Managing Principal + Project Manager	x	x	x	x	x					x
Foad Faizi, AIA	Lead Designer							x			
Jeily Mata, AIA	Senior Designer	x				x					
Todd Case, AIA	Senior Project Architect					x					
Kaitlan Phelps, IIDA	Senior Interior Designer	x	x	x	x	x	x				
Robert Macia, PE	Structural QA/QC					x					
Reade Daniel, PE	MEP Project Manager				x	x					
Anna Revington Reaves, PLA	Landscape Architect				x						
Luke Perkins, PE	Civil Engineer										
Scott Richardson, IESNA, LC	Lighting Consultant	x	x	x	x	x		x	x	x	
Michael Frank, LEED AP BD+C, CCP	AV/Acoustics/IT - Principal-in-Charge	x		x	x			x	x	x	
Israel Aguero, LEED AP BD+C, CCP	Cost Estimator				x						

29. EXAMPLE PROJECTS KEY

1	UNC GREENSBORO MOORE BUILDING RENOVATION	6	ATLANTA CENTRAL LIBRARY RENOVATION
2	UNC GREENSBORO 1510 WALKER AVENUE RENOVATION	7	APPALACHIAN STATE UNIVERSITY POST OFFICE RENOVATION
3	DURHAM MAIN LIBRARY RENOVATION AND ADDITION	8	DUKE SCHOOL OF MEDICINE, MEDICAL SCIENCES RESEARCH BUILDING III
4	NC A&T STATE UNIVERSITY MARTEENA HALL RENOVATION AND ADDITION	9	WAKE TECH RTP BUILDING 1
5	UNC CHAPEL HILL UNDERGRADUATE LIBRARY RENOVATION	10	GTTC HASSELL HEALTH TECHNOLOGIES CENTER

H. Additional Information

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

SEE TAB 1-5 OF THIS DOCUMENT

I. Authorized Representative THE FOREGOING IS A STATEMENT OF FACTS.

31. SIGNATURE

32. DATE

33. NAME AND TITLE



**PART II - GENERAL
QUALIFICATIONS**

ARCHITECT – ENGINEER QUALIFICATIONS

1. SOLICITATION NUMBER (if any)

PART II – GENERAL QUALIFICATIONS

(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Newcomb & Boyd, LLP			3. YEAR ESTABLISHED 1931	4. UNIQUE ENTITY IDENTIFIER L1X8MC1MER75
2b. STREET 5425 Page Road, Suite 215			5. OWNERSHIP	
2c. CITY Durham	2d. STATE NC	2e. ZIP CODE 27703	a. TYPE Limited Liability Partnership	
6a. POINT OF CONTACT NAME AND TITLE Paul Kitchens, Partner			b. SMALL BUSINESS STATUS No	
6b. TELEPHONE NUMBER 919.783.8965	6c. E-MAIL ADDRESS pkitchens@newcomb-boyd.com		7. NAME OF FIRM (If block 2a is a branch office)	
8a. FORMER FIRM NAME(S) (If any) Robert S. Newcomb, Consulting Engineer			8b. YR. ESTABLISHED 1923	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
42	Mechanical Engineers	83	13	A06	Aviation Terminals or Hangars	6
21	Electrical Engineers	47	2	A11	Auditorium or Theatre	5
	Plumbing Engineers	25	2	C11	Convention or Conference	5
25	Fire Protection Engineers	9	1	P09	Prisons and Correctional Facilities	4
	Sustainable Engineers	8	0	C13	Computer Facilities; Computer	4
01	Acoustical Engineers	6	0	E02	Education - College; Educational	8
	Audio-Visual Engineers	11	0	H09	Healthcare - Hospitals and Medical	8
13	Communications Engineers	13	2	H10	Hotels; Motels	5
	Intelligent Building Consultants	13	0	I01	Industrial Facility; Industrial Buildings	3
	Lighting Designers	3	0	J01	Judicial and Courtroom Facilities	6
	Security Engineers	5	0	R08	Laboratory - Research Facilities	6
	Commissioning Engineers	18	0	L04	Libraries; Museums; Galleries	4
	CAD Technicians	21	2	H11	Residential; Multifamily	5
02	Administrative	30	2	M05	Military Facility	8
				O01	Office Buildings; Industrial Parks	8
				R04	Recreational Facility	2
				C06	Churches; Chapels	3
				C12	Telecommunications Facility	2
	Total	292	24	W01	Warehouse or Distribution Center	2

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	6	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	8	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	8	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

A. SIGNATURE 	B. DATE 3/18/2025
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C. NAME AND TITLE Paul Kitchens, Partner
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PART II - GENERAL QUALIFICATIONS
(If a firm has branch offices, complete for each specific branch office seeking work.)

2a. FIRM (OR BRANCH OFFICE) NAME Forella Group, LLC			FORELLA	3. YEAR ESTABLISHED Initial formation: 1984 Current ownership: 2003	4. UNIQUE ENTITY IDENTIFIER TTMJNVFVDN59
2b. STREET 5180 Parkstone Dr #250			5. OWNERSHIP		
2c. CITY Chantilly			2d. STATE VA	2e. ZIP CODE 20151	
6a. POINT OF CONTACT NAME AND TITLE Israel Aguero, Principal			7. NAME OF FIRM <i>(If block 2a is a branch office)</i>		
6b. TELEPHONE NUMBER (703) 560-2200		6c. E-MAIL ADDRESS Israel@forellagroup.com			
8a. FORMER FIRM NAME(S) <i>(If any)</i>			8b. YR. ESTABLISHED	8c. DUNS NUMBER	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. EXPERIENCE	b. Revenue Index Number <i>(see below)</i>
		(1) FIRM	(2) BRANCH			
				C06	Churches	1
02	Administrative	4		C10	Commercial Building / Shopping Center	1
				C15	Construction Management	3
18	Certified Cost Professionals	3		C18	Cost Estimating; Cost Engineering	5
				E02	Educational Facilities	5
18	Cost Estimators	21		G01	Garage/Vehicle Maintenance	4
				H08	Historic Preservation	1
48	Project Managers	4		H09	Hospitals & Medical Facilities	4
				H11	Housing	1
				I05	Interior Design; Space Planning	1
				J01	Judicial & Courtroom Facilities	1
				L04	Libraries; Museums; Galleries	2
				O01	Office Buildings/Industrial Parks	4
				P08	Prisons & Correctional Facilities	2
				R04	Recreational Facilities	3
Total		32				

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>	PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	4	1. Less than \$100,000
b. Non- Federal Work	6	2. \$100,000 to less than \$250,000
c. Total Work	6	3. \$250,000 to less than \$500,000
		4. \$500,000 to less than \$1 million
		5. \$1 million to less than \$2 million
		6. \$2 million to less than \$5 million
		7. \$5 million to less than \$10 million
		8. \$10 million to less than \$25 million
		9. \$25 million to less than \$50 million
		10. \$50 million or greater

12. AUTHORIZED REPRESENTATIVE
The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE 03/17/2025
c. NAME AND TITLE R. Israel Aguero, Principal	

VINES

S/A Studio
Archibene

819 West Hargett Street
Raleigh, North Carolina 27603
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704.614.1297 - Victor Vines
919.755.1975 - Office