

JOHN S. MARTIN, RA, LEED AP, NCARB

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Education:

BArch University of Cincinnati

MArch Judson University (pending 2012)

Concentration: Traditional Architecture and Urbanism

Professional Registration:

Illinois, North Carolina, Ohio

Professional Affiliations

Institute of Classical Architecture & Art

US Green Building Council

INTBAU

TEACHING EXPERIENCE:

Judson University

Adjunct Faculty, Department of Architecture

Fall 2011

Arc 451 Fourth Year Fall Comprehensive Design Studio: This seven credit hour course was structured to meet the prescribed NAAB performance criteria for a fourth year undergraduate studio as well as departmental curricular requirements for the program of Concentration in Traditional Architecture and Urbanism. A principle focus of the studio was the exploration of validated strategies of traditional urbanism as applied to new buildings and place making. These goals were gradually scaled up through three successively larger projects: 1) a free standing pavilion emphasizing a traditional building type; 2) an embedded live work building inserted in a dense and historic neighborhood in Rome, facing the Piazza della Rotondo, and Pantheon; 3) a building assemblage "holistic life center" on the south side of Chicago. The center intended to serve the surrounding neighborhood with a coordinated spectrum of services to foster healthy and sustainable life styles. The retention of a significant existing structure and incorporation of principles of humanly scaled urbanism were encouraged to elevate this urban infill complex to a level of civic purpose highly valued and patronized by the entire community.

This was a comprehensive design studio which required students to work both individually and together. The projects were developed to require the students to integrate and build upon previously acquired skills including site analysis, programming, conceptual and detailed design, sustainability strategies, and buildings systems (lighting, acoustics, structure). Student evaluation was based on the demonstration by rigorous documentation of their critical thinking process and solution to successfully meet these criteria.

Wake Technical Community College

Instructor of Architecture Technology

2008 to 2011

Introduction to Architecture Technology: This course serves as an introduction to the Architectural Technology degree curriculum and acquisition of basic skills and tools through a combination of manual drafting including orthographic projection, constructed perspective drawing, and freehand sketching. After completing the course, students should be able to demonstrate basic competency and understanding of architectural drawing as a tool for design, documentation, and communication to clients and industry professionals

Residential Architecture Technology: The course builds on previous core classes by employing acquired knowledge and skills to analyze a modern house through a systematic process of documenting the house following current industry practices. Site and floor plans, elevations, sections, details, schedules, framing, and foundation drawings are generated in the order as would be experienced working in a residential design firm. As a final project students prepare a buildable set of residential working drawings in accordance with architectural standards and conventions.

Commercial Construction Technology: This course introduces modern construction technology to enable the student to develop a working knowledge of commercial construction methodology, building systems, assemblies, and materials. Through production of CAD drawings, including wall sections and details, the curriculum examines construction in sequence from foundation to building super structure, exterior envelope, interior finishes and vertical construction. Topics also include directly related applications of sustainability, constructability, life safety, and life cycle costs, as well as the effect of physical forces on the built environment. Completion of course work provides students with the capability to identify and select appropriate construction assemblies in order to prepare technical drawings for commercial buildings in a standard construction document format.

Building Environmental Systems: This course introduces basic building environmental systems: mechanical and electrical and plumbing (MEP), for residential and commercial buildings. The course emphasis is on preparing schematic drawings of building systems of an entire building using industry standard methodology, symbols, and drafting standards. Calculations, material, and system selection are used to examine options and tradeoffs for energy consumption and conservation. Coursework includes energy load calculations, equipment sizing and layout, and cad drafting of MEP plans and schedules. As a capstone project students design and produce a coordinated mechanical, electrical, and plumbing layout of a two story residence.

PROFESSIONAL PRACTICE:

John Martin Architecture

2008 to Present

Baps Swaminarayan Hindu Mandir: A 2 story 20,000 SF building expansion, including a new multi function assembly room, classrooms, and offices, along with a 15,000 SF renovation of an existing Hindu Mandir Temple. Load bearing concrete panelized construction is proposed to provide the aesthetic and cultural association values unique to this project as well as satisfy stringent local architectural and zoning ordinances. Under permitting, construction to begin 2012. Morrisville, NC

Downey Church: A 3000 SF classroom and music room addition intended to provide a secure, off the street environment for the children and youth of the Downey congregation. The Mission Style architecture and site design acknowledges the character of Los Angeles religious traditions. Downey, CA

Cox Residence Addition: A 2 story master bedroom/bath addition to a 50's ranch inside the Raleigh Beltline. The south facing orientation takes advantage of garden views and passive solar heating. A stone fireplace/stair element divides the bedroom and upper loft from the sun room and serves as a radiant thermal mass, while large overhangs and mature trees provide shade from summer heat gain. Raleigh, NC

Holy Temple Church: Instead of a new building, the congregation has invested in the reconstruction of a turn of the century commercial building into a new 8000 SF sanctuary and support spaces. Rebuilding the structure includes new columns, beams, and shoring, and repair of two massive parallel masonry walls which extend to frame an exterior gathering court and shaded garden. Reuse of the structure is indicative of our commitment to sustainable design via recycling, energy conservation, and solid waste reduction. Phase one has been completed; phase two is in fund raising. Fremont, NC

Wayne County Christian Academy: This new freestanding building will be used to offer after school Christian education to middle school students. The initial design is intended for construction in Fremont and may serve as a prototype for use in other North Carolina communities. The simple forms allow for rapid construction and are based on the imagery of nineteenth century one room school houses found throughout the state. Fremont, NC

Hugelmeyer Beach Cottage: This addition to a small vacation cottage on the New Jersey shore included both a lateral expansion and an upper level sleeping loft. The addition seeks to maximize interior space, natural day lighting and views within the limits of a tight budget and restrictive zoning envelope. Tuckerton, NJ

Hodesh Residence: A total reconstruction and expansion of a deteriorated row house overlooking an historic Over the Rhine neighborhood in Cincinnati, Ohio. Living spaces were reconfigured to upper floors to create an open plan and sequence of framed interior and exterior views, while reclaimed building elements and materials define a specific character for each room. The roof of the existing attic was raised to create a third floor master suite and adjoining balcony to overlook the double height living room and downtown skyline. Cincinnati, OH

ADR Delta, Raleigh, NC

2007 to 2008

Faith Zone Worship Center: Principal Architect for the interior transformation of an existing 26,000 SF warehouse space into a new religious facility with a state of the art sanctuary to hold 400 worshippers. The project also included administrative offices, meeting rooms, classrooms, nursery, book-store, cafe, and specialty theatrical sound and lighting, and was completed in 2008. Garner, NC

Wilson Chapel Free Will Baptist Church: Principal Architect for design of a 16,000 SF new freestanding sanctuary to hold 800 worshippers with an adjoining administrative office and classroom building. Facility will be built adjacent to the downtown historic district. Wilson, NC.

Cherokee Instruments: Principal Architect for the construction in 2009 of a 2000 SF clean room inside an existing high bay warehouse, including lab bench workstations for testing, analysis, and calibration of air sampling equipment for a leading provider and integrator of Continuous Emissions Monitoring (CEM) systems. Fuquay Varina, NC

Battery USA: Principal Architect for a 6000 SF flex space build out for this nationwide supplier of critical system back up power supplies, including office/sales/support space and a high bay parts warehouse, completed in 2008. Morrisville, NC

University of Maryland Bible Fellowship Addition and Master Plan: Principal Architect for this College Park campus ministry master plan to expand the existing sanctuary by 3400 SF, and add a 10,000 SF multipurpose facility for leadership training which includes fellowship hall, offices, six classrooms, and a second floor dormitory. College Park, MD

Cary Behavioral Health: Principal Architect for a 2500 SF medical office suite including conference, lobby, offices, conference area, and consultation rooms, located in a new, highly visible mixed use office development. Construction was completed in 2009. Cary, NC

JDavis Architects, Raleigh, NC

2005 to 2007

Moss Landing: Senior Project Manager for this infill development in an historic district adjoining downtown Washington, NC, including 56 luxury condominium residences with river views over structured parking and 34 adjacent townhouse residences. The project required successive environmental and historic approvals from local and state agencies. Phase one was completed in 2008. Washington, NC

Grace Park Mixed Use: Senior Project Manager for a 250,000 SF project in a rapidly growing corridor adjacent to Research Triangle Park, including 40,000 SF of ground floor retail space with 140 residential flats above. The seven buildings are sited to form a cohesive neighborhood core for surrounding development. Construction was completed in 2009. Morrisville, NC

McClure Hopkins Architects, Raleigh, NC

2000 to 2005

Emily Krzyzewski Family Life Center: Project Architect for a 30,000 SF community center, including full size gymnasium, locker rooms, meeting rooms, administrative offices, and board meeting facilities. The project is part of an educational campus serving as a catalyst for revitalization of the surrounding inner city neighborhood. Durham, NC

Angier Baptist Church Addition: Project Architect and Project Designer for a 13,000 SF fellowship hall with commercial kitchen, class rooms, and administrative offices. The L shaped addition forms a courtyard and garden adjacent to the existing structures. Angier, NC

New Hope Baptist Church Renovation: Project Architect for a 23,000 SF renovation of two existing classroom buildings which were completely reconfigured to form a new administrative suite, campus entry, and to provide ADA and security upgrades. The building was permitted under the NC rehab code. Raleigh, NC

Church of the Holy Family Construction Phase II: Project Architect for a Church for a 300 Seats sanctuary located over a licensed day care facility. The project was designed to match the existing arts and crafts style church and classroom buildings, which were renovated to integrate the campus into a coherent fabric. Chapel Hill, NC

Cline Davis Architects, Raleigh, NC

1996 to 2000

Acorn Industrial Office building: Project Manager and Project Designer for a 20,000 SF Class A office building adjacent to Weston Office park. The building was to be sited to take advantage of views of Crabtree Lake and serve as the headquarters for Acorn Industrial. Cary, NC

UNC-CH Health Sciences Library: Project Manager for an 80,000 SF total renovation to the existing library in Chapel Hill, North Carolina, to facilitate the library's transition to an electronic and service oriented facility for UNC students, faculty, hospital staff, and health professionals throughout the state. All six floors plus mechanical areas were reconfigured to provide users and staff with new facilities for collections, administration, research, and distance learning. Chapel Hill, NC

N.C. Hillel Student Center: Project Architect for a new 2 story educational and religious facility located in the Cameron Avenue Historic District adjacent to the University of North Carolina campus. The project included programming, visualization, and construction documents of 11,000 SF of classrooms, dining, and kitchen facilities, administrative offices, library, and lounge used for student recreation and study. Chapel Hill, NC

Somerset Place Office Center: Project Architect responsible for construction documents and construction administration of a new 4 story, 60,000 SF Class A office building facing a major thoroughfare in North Raleigh... The structure was the recipient of a Sir Walter Raleigh Award in 1998. Raleigh, NC

E.C. Brooks Elementary: Project Team Member for design development, construction documents and construction administration of 20,000 SF of new construction for eight new classrooms and adjacent play areas for kindergarten and exceptional children, plus a new entry and administration wing, an enlarged cafeteria, computer classroom, and support space. Raleigh, NC

Work Experience in Cincinnati, Ohio

1983-1996

Croft Residence: Complete renovation and expansion of historic Italianate hillside villa overlooking the Ohio River. After extensive site and archival research, detailed design development and construction documents were developed for the project. The missing porch was recreated based on a portion of the remaining trim; new elements include a rooftop cupola and small guest wing. Cincinnati, Ohio: Paul Muller Associates

Abbot Laboratories, American Cyanamid, Eli Lilly and Company: Jacobs Engineering

Belvedere Corporation, Corporex Companies: PDT, Architects and Planners

Tipton Associates: R.L. Polk Company, University of Cincinnati: KZF, Inc

Post graduate internship and co-op experience at the University of Cincinnati:

Batson Associates, Covington, Kentucky

Glaser & Myers & Associates, Cincinnati, Ohio

City of Cincinnati, Architecture and Facilities Management, Cincinnati, Ohio

Feinknopf, Macioce and Shappa, Columbus, Ohio

Skidmore, Owings & Merrill, Houston, Texas

James Associates, Ft. Wayne, Indiana

Professional Awards

Somerset Place Office Center, Sir Walter Raleigh Appearance Award
Polk Building (KZF) City Beautiful Award and Taft Award
Times Square Competition, New York, NY, Exhibited Entry
Hodesh Residence, Featured in *Cincinnati Magazine*

Client and Professional References

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