

RESUME with BIM Details

Richard R Crowe Architect

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Profile:

Richard Crowe is the founding partner of Gilchrist Ross Crowe Architects. He loves a challenge and to “figure things out”. He enjoys thinking outside of the “box” to find unconventional yet simple elegant solutions to complex issues. **His skills lie primarily in the area of design and the BIM workflow** process in the architectural office. Both paradigms are similar in their goal of creating order from disorder.

Skills:

He has the ability to see the "big picture" in the context of details which support it. He has expert knowledge of ArchiCAD and its role in increasing efficiency in the Architectural Process. This efficiency expertise lies in the macro realm of the BIM process and architectural design teams. Furthermore Mr. Crowe understands how this macro BIM approach needs to be supported by a detailed implementation of the technologies and software.

Accomplishments:

- 1985 1985
 - 1985-Founded Richard R Crowe and Associates.
 - Successfully implemented DataCAD into the firm
 - Procured and designed a series of office Parks and Apartment complexes
 - Designed the Corporate HQ and support offices for the Associated Industries of Florida
 - Designed the FBO for Tallahassee Florida and Corporate Offices for the Flightline Group
 - Designed and created the Corporate Branding for Florida Commerce Credit Union Facilities throughout the region
 - Brought in David Gilchrist as the second partner to the firm -Gilchrist and Crowe Architects
 - Designed documented a series of Episcopal Churches in Tallahassee
 - Procured Minor Service Contract Work for Florida State University (FSU)
 - Designed and Documented renovations for **Strozier** Library at FSU
 - Designed and Documented School of Business and Industry Florida A&M University
 - Designed the HQ for FCCU-Mahan Main Facility
- 1990 1995
 - Successfully **implemented ArchiCAD into GRC Office**
 - Designed **Westcott Plaza**, FSU's iconic plaza
 - Began by rethinking existing CADD processes vs. Virtual Building process

 - Created an ArchiCAD model of **College of Engineering** Phase II & Atrium expansion 90,000sf
 - Tested limitations of modeling and exported files to Artlantis

 - Worked with HGA Architects to model the design for the **Performing Arts Center** at FSU 75,000sf
 - Further tested limitations of Modeling and exported files to Artlantis to create animations

 - Led the design, built the design model and set up the work flow for **Women's Soccer-Softball Stadium** at FSU
 - Worked individual buildings as separate PLN files. Saved the PLN files as objects to coordinate master site plan.
- 2000
 - Led the **Graphisoft team to win** the international **CADD Shoot-Out** competition in Los Angeles
 - Carefully set up simple template file to allow live Team-working

2005

Set up the ArchiCAD workflow for restoration and renovation for **Cawthon Hall** at FSU 85,000sf
Redesigned office template for renovation work

Led the design, built the design model and set up the work flow for **College Of Pharmacy and Research Wing**.-Florida A&M University 120,000sf
Rethought process to allow 2D details to be drawn on top of model view through layer controls

Led the design, built the design model and set up the work flow and won the competition for the **Jack Mclean Aquatic Center**
Made the design presentation live in ArchiCAD to allow clients to "buy-in" to the solutions.

Set up the ArchiCAD workflow for **School of Dance** FSU 95,000sf
Rethought process to coordinate two large building with separate floor levels into one large project.

Set up the work the work flow for **Landis Hall** 130,000sf
This was the largest project to date and required separating the model file from the documentation file.

Led the design, built the design model and set up the work flow for **Johnston Dining Hall** at FSU
This was a highly detailed historic project requiring numerous custom objects.

Led the design, built the design model and set up the work flow for **Wildwood Housing Complex** at FSU 170,000sf
This was the largest project to date and required rethinking the workflow to meet tight deadlines.

Built and set up the work the work flow for **Degraff Housing Complex** at FSU 171,000sf
This project was very similar to the Wildwood project and allowed process fine-tuning.

Consulted for CUH2A

CUH2A - Built the model and set up the work the work flow for CDC Building 23 750,000sf
This was the new largest project to date and required rethinking the workflow to allow 15-20 people to work simultaneously and in remote offices. The project was Team-worked and four PLPs were cross-hotlinked. The document model was separated from the four PLP which held the model.

CUH2A -Assisted in setting Firm standards and workflow processes
Large firm processes were implemented and template files created.

CUH2A – Built and set up the work the work flow for Pathogen Research Facility 75,000sf

CUH2A – Performed QA-QC on BIM models and analyzed model and workflow issues

CUH2A – Held lecture series on Best Practices, BIM workflow, BIM for Project Managers, and BIM for Directors

Led the design for **Ruby Diamond Auditorium and the Westcott Building** for FSU 115,000sf and built the design model and set up the work flow. This was the most complex project to date and required extensive 3D modeling in the hall to correctly depict the complex space

Designed Four Oaks Church Center and built the design model and set up the work flow
This was a smaller project and allowed experimental thinking on templates and process.

Honda Jet built the design model and set up the work flow
This was the smaller project but required a high level of detail.

Education

Bachelor of Design in Architecture, University of Florida, 1978

Master of Architecture, Virginia Polytechnic Institute , 1984

2008