

**Randall A. Pearsall**  
**CAD Designer / Programmer**

**University of Florida – Gainesville, FL**  
**B.A. Geography**  
**A.S. Drafting & Design Technology**

## **QUALIFICATIONS**

Randall has 12 years of experience in the architectural and engineering industry with two years specializing in commercial and industrial food processing facility projects. Projects have included design and drafting development of operations from receiving through processing and packaging to finished product storage, with emphasis in architectural and structural design. Experience includes over a year of 3D modeling and documentation of REVIT design software including innovative creation of model, families, schedules and general design concepts.

## **EXPERIENCE OVERVIEW**

**VAUGHN, COLTRANE, PHARR & ASSOCIATES.** (since 2004). Responsible for drafting and design of detailed architectural and engineering systems for a variety of food, industrial and commercial projects. Projects have included:

**Fieldale Farms,** Gainesville, GA. Responsible for the majority of REVIT 3D modeling design and drafting of architectural and structural building system as directed by project manager, architects and engineers. Also responsible for documentation and electronic data control and disbursement.

**Wayne Farms,** Greenfield, GA. Responsible for general design and drafting of architectural and structural systems as directed by project manager, architects and engineers. Also responsible for documentation and electronic data control and disbursement.

**Gold Kist, Inc.,** Live Oak, FL. Responsible for general design and drafting of architectural and structural systems as directed by project manager, architects and engineers. Also responsible for documentation and electronic data control and disbursement.

**Pilgrim's Pride,** Elberton, GA. Responsible for general design and drafting of architectural and structural systems as directed by project manager, architects and engineers. Also

responsible for documentation and electronic data control and disbursement.

**Gold Kist, Inc.,** Boaz, AL. Responsible for general design and drafting of architectural and structural systems as directed by project manager, architects and engineers. Also responsible for documentation and electronic data control and disbursement.

## **OTHER EXPERIENCE**

**BRPH COMPANIES,** Marietta, GA. Responsible for architectural drafting of large high school project in Forsyth County. Focused on reflected ceiling plans, life safety plan and floor plans and directed by the architects.

**RACETRAC PETROLEUM,** Smyrna, GA. Responsible for upgrading drawings for architectural, mechanical, electrical, plumbing and structural redline markups. Upgraded building designs of convenience store service stations to new concept changes. Included floor plans, roof plans, electrical plans, plumbing plans, elevations, coolers, fixtures, counters, hardware, walls, interiors, parts lists, door/window/finish schedules, wall sections, HVAC and lighting modifications. Utilized AutoCAD to include accurate company fonts, dimensions, datum points, styles and external references. Completed assignment two weeks

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ahead of schedule. Coded several AutoLISP programs for general use.

**SOUTHERN COMPANY**, Atlanta, GA.  
Information Systems Analyst II. Responsible for full life-cycle application development, planning, analysis, design, construction, implementation, delivery and ongoing support of the following executable program used by 300+ Georgia Power employee users: AM/C (Automated Mapping and Construction) – a software application using Autodesk Map, Visual Basic, AutoLISP code with ODBC ADO and XML connectivity to Oracle 7I / 8I and MS Access databases.

**MAI ARCHITECTS**, Melbourne, FL.  
Responsible for general architectural drafting of small commercial buildings. Firm specialized in local small construction projects. Focused on general redline drafting of floor plans, roof plans, elevations, fixtures, hardware, walls, interiors, parts lists, door/window/finish schedules, wall sections and schedules; all as directed by the architects. Documents included accurate reporting of dimensions and styles with company standard AutoCAD fonts and dimensions and XREF's.

**BRPH COMPANIES**, Melbourne, FL. CAD Information Specialist / CAD Manager.

Drafting Support: Excellent AutoCAD and drafting support knowledge across LAN network. Had daily interaction in maintaining drafting standards between all disciplines (architectural, civil, electrical, mechanical and structural). Coordinated regular AutoCAD meetings with department leads. Direct involvement with block and symbol libraries for all departments, as well as, batch plotting dozens of construction drawing packages.

IT Technical Support and Programming:  
Developed nearly 150 AutoLISP, DCL and Diesel routines, and also created drawing setup and batch plotting program for AutoCAD users.

Had excellent experience with menus, toolbars and plotting configurations. Created network project kickoff program that improved communication between project management, accounting and design teams. Developed Visual Basic, Access, VBA (Word and Excel) and Novell GroupWise programs. Had the ability to trouble shoot the following plotting devices: Xerox Versatec 8830, Calcomp TechJet, HP LaserJet 4/5 and DataProducts printer/plotter.  
Assisted MIS Director with Windows 95/NT Operating Systems servers and Novell 3.1 LAN server operations including email and file server support. Performed tape backup, recovery operations, created CDs and ZIP files for transmitting electronic documents to clients. Performed upgrades from AutoCAD 12 DOS to AutoCAD 14 Window which included customization of AutoCAD support and LISP files such as Acad.cfg for plotter configurations.

**CERTIFICATIONS**

REVIT Fundamentals, Reproducts

Excel Visual Basic Programmer, Access Database Designer

ExecuTrain – MSCD training