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<b>Periodicals</b>	
ACI Structural Journal	Metal Architecture
AISC Engineering Journal	Metal Building Developer
Alabama HomeBuilder	Metal Construction News
ASCE News	Metal Home Digest
Builder	Modern Steel Construction
Building Products	New Architect
Cadalyst	Remodeling
CE News	Residential Architect
Civil Engineering	Structural Engineering & Design
Civil Engineering News	Structures Magazine
Concrete Contractor	The Journal of Light Construction
Concrete International	TecHome Builder
Custom Home	Tools of the Trade
Design / Build Business	Visual Studio
eWeek	Wood Design & Building
Fine Homebuilding	Journal of Building Enclosure Design
Journal of Contemporary Wood Engineering	Green Builder

## **Textbooks and Handbooks**

Design of Wood Structures, Donald E. Breyer, 3<sup>rd</sup> Edition  
Fundamentals of Geotechnical Analysis, Irving S. Dunn, Loren R. Anderson, Fred W. Kiefer, 1980  
Foundation Analysis and Design, Joseph E. Bowles, 5<sup>th</sup> Edition  
Reinforced Concrete Design, Chu-Kia Wang, Charles G. Salmon, 4<sup>th</sup> Edition  
Design of Concrete Structures, Arthur H. Nilson, George Winter, 10<sup>th</sup> Edition  
Steel Structures – Design and Behavior, Charles G. Salmon, John E. Johnson, Third Edition  
Prestressed Concrete Analysis and Design, Antoine E. Naaman, 1982  
Advanced Mechanics of Materials, Arthur P. Boresi and Omar M. Sidebottom, 4<sup>th</sup> Edition  
Design of Steel Structures, Edwin H. Gaylord, Charles N. Gaylord, and James E. Stallmeyer, 3<sup>rd</sup> Edition  
Basics of Retaining Wall Design, Hugh Brooks, 5<sup>th</sup> Edition  
Manual of Steel Construction – Volume II Connections, American Institute of Steel Construction, 1<sup>st</sup> Edition  
Concrete Pipe Design Manual, American Concrete Pipe Association, 1985  
Title 29 of the Code of Federal Regulations (CFR), Part 1926, OSHA  
Vector Mechanics for Engineers, Statics and Dynamics, Ferdinand P. Beer and E. Russell Johnston, 4<sup>th</sup> Edition  
Structural Analysis, Russell C. Hibbeler, 1985  
Design of Welded Structures, Omer W. Blodgett, 1982  
Reinforced Masonry Engineering Handbook, James E. Amrhein, 5<sup>th</sup> Edition  
Masonry Design and Detailing, Christine Beall, 3<sup>rd</sup> Edition  
Residential Construction Performance Guidelines, National Association of Home Builders, 2<sup>nd</sup> Edition  
Notes on ACI 318-89 Building Code Requirements for Reinforced Concrete, Portland Cement Association, 1990  
Notes on ACI 318-02 Building Code Requirements for Reinforced Concrete, Portland Cement Association, 2002  
Notes on ACI 318-05 Building Code Requirements for Reinforced Concrete, Portland Cement Association, 2005  
Notes on ACI 318-08 Building Code Requirements for Reinforced Concrete, Portland Cement Association, 2008  
Design of Modern Concrete Highway Bridges, Conrad P. Heins and Richard A. Lawrie, 1984  
Structural Steel Design – LRFD Method, Jack C. McCormac, 1989  
Foundation Behavior and Repair – Residential and Light Commercial, Robert W. Brown, 2<sup>nd</sup> Edition  
Guide To The Use Of The Wind Load Provisions of ASCE 7-98, Kishor C. Mehta and Dale C. Perry, 1998  
Surveying Fundamentals, Jack C. McCormac, 1983  
Highway Engineering, Clarkson H. Oglesby and R. Gary Hicks, 4<sup>th</sup> Edition  
A Professional's Handbook on Grouting Concrete Repair and Waterproofing, Five Star, 1995  
Roark's Formulas for Stress and Strain, Warren C. Young, 6<sup>th</sup> Edition  
Residential Construction Performance Guidelines, National Association of Home Builders, 2<sup>nd</sup>, 3<sup>rd</sup> Edition  
Requirements for Residential Concrete Construction and Commentary, ACI 332-04, American Concrete Institute  
Fluid Mechanics & Hydraulics, Ronald Giles, 1962  
Civil Engineering Reference Manula, Michael Lindeburg, 1992  
Elements of Vibration Analysis, Leonard Meirovitch, 1986  
Modern Welded Structures, Lincoln Arc Welding Foundation, 1971  
Masonry Designers' Guide, Fifth Edition  
Handbook of Modern Construction Law, Lambert and White, 1982  
Concepts and Applications of Finite Element Analysis, Cook, Malkus, and Plesha, 1989  
Designing with Steel Joists and Joist Girders, Fisher, West, Pas, 1991  
Elementary Fluid Mechanics, Vennard & Street, 1982  
Water Supply and Pollution Control, Viessman and Hammer, 1985  
Toward a Zero Energy Home, The Taunton Press, 2010  
JLC Field Guide To Residential Construction – A Manual of Best Practice, Volumes 1 & 2, Hanley Wood, 2003  
Crawl Space Science – What to Have Done and Why, Lawrence Janesky, 2006  
The JLC Guide to Moisture Control, Hanley Wood, 2007

## **Building Codes**

Standard Building Code 1997, Southern Building Code Congress  
International Residential Code (IRC) 2000, 2003, 2006, 2009, ICC  
International Building Code (IBC) 2000, 2003, 2006, 2009, ICC  
International Existing Building Code (IEBC) 2000, 2003, 2006, 2009, ICC

International Fire Code (IFC) 2000, 2003, 2006, 2009, ICC  
International Mechanical Code (IMC) 2000, 2003, 2006, 2009, ICC  
International Plumbing Code (IPC) 2000, 2003, 2006, 2009, ICC  
International Fuel Gas Code (IFGC) 2000, 2003, 2006, 2009, ICC  
International Property Maintenance Code (IPMC) 2000, 2003, 2006, 2009, ICC  
International Energy Conservation (IECC) 2000, 2003, 2006, 2009, ICC  
International Zoning Code (IZC) 2000, 2003, 2006, 2009, ICC  
International Code Council Performance Code (ICCPC) 2000, 2003, 2006, 2009, ICC  
International Private Sewage Disposal Code (IPSDC) 2000, 2003, 2006, 2009, ICC  
International Wildland-Urban Interface Code (IWUIC) 2000, 2003, 2006, 2009, ICC  
Standard Specifications for Highway Bridges, AASHTO, 13<sup>th</sup> Edition

## **Material Codes**

Steel Construction Manual – American Institute of Steel Construction, 13<sup>th</sup> Edition  
Manual of Steel Construction – ASD Design, American Institute of Steel Construction, 8<sup>th</sup>, 9<sup>th</sup> Edition  
Manual of Steel Construction – LRFD Design, American Institute of Steel Construction, 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Edition  
Timber Construction Manual, American Institute of Timber Construction, 2<sup>nd</sup> Edition  
Minimum Design Loads for Buildings and Other Structures, ASCE, 1998, 1995, 2002, 2005  
National Design Specification for Wood Construction, American Wood Council, 1997, 2001, 2005  
Building Code Requirements for Reinforced Concrete, American Concrete Institute, 1989, 2002, 2005, 2008  
Building Code Requirements for Masonry Structures, Masonry Standards Joint Committee, 1999, 2005

## **Seminars Attended**

National Steel Construction Conference, Nashville, TN, 05/21/1989  
Alternate Design Method for Concrete Design, Birmingham, AL, 10/27/1995  
Fiber Reinforced Concrete, Birmingham, AL, 12/07/1995  
Anchorage to Concrete, Birmingham, AL, 05/02/1996  
Steel Design, Birmingham, AL, 10/10/1996  
National Council of Structural Engineers Association, Portland, MA, 10/2/1998  
Specifying Metal Building Systems, Birmingham, AL, 08/19/1999  
National Council of Structural Engineers Association, Seattle, WA, 09/23/1999  
Design of Reinforced Masonry Structures, Birmingham, AL, 11/12/1999  
Structural Engineering Software, Birmingham, AL, 1/20/2000  
The Design- Build Process, Birmingham, AL, 08/16/2001  
The Engineer's & Surveyor's Role as an Expert Witness in Civil Litigation, Birmingham, AL, 10/19/2001  
Overview of the Structural Provisions of the International Building Code 2000, Birmingham, AL, 01/31/2002  
Wood Solutions Fair, Atlanta, GA, 04/17/2002  
Construction Contracts & Law, Birmingham, AL, 05/25/2002  
Mechanically Stabilized Earth Walls, Birmingham, AL, 12/08/2004  
Specialty Foundations, Ground Improvement, Ground Treatment and Earth Retention, Birmingham, AL, 03/10/2004  
Design of Masonry Structures Using the Masonry Designers Guide, Birmingham, AL 3/19/04  
318-05 Building Code, Birmingham, AL, 01/01/2005  
Concrete Parking Lot Design, Birmingham, AL, 02/03/2005  
Killer Contract Clauses, Birmingham, AL, 02/09/05  
Foundations for Problem Soils, Birmingham, AL, 05/12/2005  
Southern Pine: Design, Specify & Build, Birmingham, AL, 05/24/2005  
Pressure Treated Southern Pine, Birmingham, AL, 08/04/2005  
Designing Load Bearing Mid Rise Structures Using Cold Formed Steel Framing, Birmingham, AL, 09/15/2005  
Engineered Wood Products, Birmingham, AL, 04/11/2006  
Design Steel Your Way with the 2005 Specification, Birmingham, AL, 08/30/2006  
Managing Construction Liability, Birmingham, AL 10/12/2006  
Design of Wood Frame Buildings for High Wind, Snow, and Seismic Loadings, Birmingham, AL 09/10/2007  
Contract Review and Revision I: Contract Basics, Birmingham, AL 01/25/2008  
Crystalline Waterproofing Technology: Improving Concrete Durability, Birmingham, AL 05/27/2008  
Water-Repellency and Efflorescence Control in Masonry, Birmingham, AL 05/28/2008

An Overview of Decorative Concrete Solutions, Birmingham, AL 05/29/2008  
Concrete Floor and Slab Construction (ACI 302.1R), Birmingham, AL 10/06/2008  
Beyond Contract Basics: A Monograph, Birmingham, AL 12/17/2008  
Polymer Concrete Surface Systems: A Green & Sustainable Solution, Birmingham, AL 12/18/2008  
The Features, Benefits & Applications of Structural Insulated Panels (SIPs), Birmingham, AL 12/18/2008  
NFPA 13D - Installation of Fire Sprinklers in 1 & 2 Family Homes, Birmingham, AL 01/19/2009  
Collaboration and Interoperability with BIM for Structural Engineering, Birmingham, AL 09/24/2009  
CHANCE Academy Helical Piles & Tieback Seminar, Atlanta, GA 12/03 - 12/04/2009  
Further Studies in Contract Review, Birmingham, AL 12/14/2009  
Controlling Moisture Movement in Buildings: Air & Vapor Barrier Approach, Birmingham, AL 06/13/2010  
Design Criteria for Ceramic Tile/Stone Installations, Birmingham, AL 06/13/2010  
Moisture Management in Residential Walls, Birmingham, AL 06/13/2010  
The Principles of Rainscreen Construction, Birmingham, AL 06/13/2010  
Weather Resistant Barriers in Vertical Exterior Walls, Birmingham, AL 06/13/2010  
Using Water Repellents to Prevent Water Intrusion into Above-Grade Masonry, Birmingham, AL 06/13/2010  
Bridging Environmental & Architectural Design to Nurture Renewability, Birmingham, AL 06/13/2010  
Water Resistive Barriers – Installation and 2006 Code Changes, Birmingham, AL 06/18/2010  
Strategies for Green Building, Durability & Sustainability, Birmingham, AL 06/18/2010  
Slabjacking - ACI, Birmingham, AL 06/19/2010  
Structural Crack Repair by Epoxy Injection - ACI, Birmingham, AL 06/20/2010  
Control of Cracking in Concrete Structures - ACI, Birmingham, AL 06/20/2010  
Designing High-Performance Buildings with EnergyPlus – US Department of Energy, Birmingham, AL 07/06/2010  
Rainscreen Systems: Moisture Management in Layers, Birmingham, AL 07/16/2010  
Achieving New Heights with Wood-Framed Tall Walls, Birmingham, AL 07/21/2010  
Hot-Dip Galvanized Steel for Corrosion Protection – American Galvanizers Assoc., Birmingham, AL 07/26/2010

## **Presentation and Papers**

*Residential Construction for the new Millennium*, Birmingham Parade of Homes, 1999  
*Internet and Intranet Webs: For the Engineer and Contractor*, Auburn University Extension Center, 1998  
*Masonry Construction*, Auburn University Extension Center, 1998  
*Design of Engineered Masonry*, Structural Engineers Association of Alabama, 1998  
*Concrete Construction*, Auburn University Extension Center, 1997, 1998  
*Timber Construction*, Auburn University Extension Center, 1997, 1998  
*Steel Construction*, Auburn University Extension Center, 1996, 1997  
*FrameWorks Plus in a Production Environment*, Fall IGUG, 1996  
*A Steel Design Comparison: LRFD vs. ASD*, Virginia Polytechnic Institute and State University, 1989