



BIO: Robert J. Schutz, P.E., P.S., CBO

Robert J. Schutz, P.E., P.S., CBO, has served as an Assistant Architect Administrator at the Ohio Board of Building Standards. While with the State of Ohio, he has oversight of the new Residential Code of Ohio program, including certification of local residential code departments and personnel. Previously, Bob served ICC as Manager of Instructors with responsibilities for the selection, oversight and quality of ICC's cadre of staff and contract instructors. his varied previous experiences include active military service during the 1980's as an Army Corps of Engineers (ACE) officer; building code enforcement for several central Ohio jurisdictions, including ten years as Chief Building Official (CBO) for the City of Powell where he also served as City Engineer and Director of Public Services; and Chief Engineer, for the Ohio Department of Health where he chaired the state's plumbing advisory board, was chief of plumbing and was a voting member on the Ohio Board of Building Standards. He is experienced in combat construction, facilities engineering and project management as well as having been a plumber, sheet metal worker and brick mason.

Mr. Schutz has a civil engineering degree from Ohio Northern University with post graduate studies at the University of Southern California and the Ohio State University in environmental law, land- use planning and public administration. He is a registered Professional Engineer and Professional Surveyor, certified Chief Building Official and holds Ohio certifications as Building Official, Plans Examiner and Inspector for Building, Plumbing, Electrical Safety and Residential. Bob instructs IBC structural and nonstructural seminars, all IRC subjects, mechanical, plumbing and fuel gas codes and administrative topics.

Chris Kimball, SE, MCP, CBO

Senior Plan Check Engineer



Background

Mr. Kimball is a licensed structural engineer and an ICC Certified Master Code Professional, Certified Building Official, Fire Code Official, combination plans examiner, and combination inspector. He received his Master's degree from Utah State University with an emphasis in structural engineering and has served as the past-president of the Structural Engineer's Association of Utah as well as the Beehive Chapter of ICC. He provides plan review services to many jurisdictions throughout the United States and is often asked to provide training to code officials, design professionals, and contractors regarding the construction requirements of the International Building Codes.

Work Experience

2009-Present **West Coast Code Consultants, Inc.** *Utah Regional Manager*
Oversee the plan review and building inspection services provided by the Utah Regional Office. This includes the management of administrative, plan review, and inspection staff. Accountable for the complete plan review of projects which are seeking a building permit to ensure that designs are safe and in compliance with the adopted building codes. Responsible for providing technical training classes to clients, building officials, design professionals, contractors, and owners.

2005-2009 **Kimball Engineering, P.C.** *President/Owner*
Provided structural and complete plan review services to local jurisdictions throughout Utah, Arizona, Nevada, and Wyoming. Often provided training with regards to the structural building code requirements for both new and existing buildings to building official, design professional, and contractor organizations.

2005-2007 **Salt Lake City Corporation** *Structural Plans Examiner*
Performed structural review of plans, specifications, calculations, and engineering reports to ensure compliance with the adopted building codes. Met with clients, design professionals, contractors, and owners to discuss projects during the design-development stage and throughout the construction process. Provided training classes to design professionals to help them understand the structural requirements of the code. Provided engineering design and consulting services for city-owned projects.

2003-2005 **U.S. Bureau of Reclamation** *Civil Engineer*
Responsible for the structural design of a wide variety of civil projects including the retrofit of power plants, design of new buildings, and repairs to concrete and earthen dams. Prepared construction documents, including drawings and detailed project specifications for solicited work. Reviewed designs performed by the Technical Services Center, Area offices, and private consultants. Participated in several value engineering studies.

Education

Master of Engineering
Structural Engineering
Utah State University, 2001

Bachelor of Science
Civil Engineer
Utah State University, 2000

Licenses / Certs

Professional Engineer
Washington 53117
California C 67857
Nevada 019503
Arizona 48503

Structural Engineer
Utah 4775874-2203

Certifications

ICC Master Code Professional
Certified Building Official
Fire Code Official
Combination Plans Examiner
4-Way Commercial Inspector
Residential Plans Examiner
Residential Energy
4-Way Residential Inspector
Accessibility Plans Examiner
Fire Plans Examiner
Fire Inspector I & II

Professional Affiliations

Structural Engineer's Association of Utah
Past President

Utah Chapter of ICC
Current Member

Bonneville Chapter of ICC
Current Member

Beehive Chapter of ICC
Current President

Jay Woodward
International Code Council

Jay is a Senior Staff Architect with ICC's Business and Product Development department and works out of the Lenexa, Kansas Distribution Center. His primary responsibility is the development of new ICC publications and instructing seminars.

With over 30 years of experience in building design, construction, code enforcement and instruction, Jay's experience provides him with the ability to communicate effectively on issues of code application and design for code enforcement personnel as well as architects and designers. Jay has previously served as the secretariat for the ICC A117.1 standard committee, ICC's Energy Conservation Code and the *International Building Code's* Fire Safety Code Development committee.

Jay Woodward
International Code Council

Jay is a Senior Staff Architect with ICC's Business and Product Development department. His primary responsibility is the development of new ICC publications and instructing seminars. Among the publications he has authored or co-authored are the *Significant Changes* books on the IBC, IMC and A117.1 standard, and the recent ICC book *Firestopping, Joint Systems and Dampers*.

Jay has previously served as the secretariat for the ICC A117.1 standard committee, ICC's Energy Conservation Code and the *International Building Code's* Fire Safety Code Development committee.

Gerald C. Flanik

Gerald C. Flanik is an ICC-Certified Master Code Professional (MCP) holding over 30 various certifications and licenses. Mr. Flanik has conducted numerous energy analyses regarding commercial buildings in the areas of new construction and existing building energy utilization. Gerald has been responsible for a diverse array of design build projects throughout his career, Jerry provides energy code (commercial and residential) technical training for ICC chapters, ICC Annual Conferences, and home builder groups throughout the country as well as the U.S. Virgin Islands. He is also a LEED BD+C Accredited Professional with special focus on Energy and Atmosphere.

Mr. Flanik serves as the Chief Building Official for the County of Lake, State of Ohio Building Department and is an adjunct faculty instructor at Lakeland College in the Civil and Electrical Engineering Departments. Gerald holds a Bachelor of Science Degree in Mechanical Engineering from Cleveland State University, Bachelor of Science Degree in Electrical Engineering from Cleveland State University, as well as a degree in Civil Engineering Technology.

Jerry teaches multi-disciplinary courses for Lakeland College, Ohio Building Officials Association, State of Ohio Board of Building Standards, and the International Code Council. He teaches structural and non-structural IBC, all IRC, IMC, IFGC, IECC, ASHRAE, IPC, Accessibility, Green Building, LEED (Leadership in Energy and Environmental Design), and administrative topics.

Resume of
James D. Quigley, M.C.P.
117 Cherry Ridge Road, State College, PA 16803 (814-238-5060)

EXPERIENCE: Practical & Administrative

President, National Code Consultants, Inc., State College, Pennsylvania

March 1988 * Provide consultation services for organization and administration of municipal code departments
to * Code consultant for architects, engineers, project developers, and building contractors
present * Manage National Inspection Agency, an independent plan examination and inspection agency
* Expert witness civil litigation state & federal courts

Manager, Middle Department Inspection Agency, Inc., Marshallton, Delaware

December 1987 * Supervised three offices in two states for an independent inspection agency
to * Developed training programs for inspection personnel in seven states
March 1988 * Negotiated municipal contracts

Director, Centre Region Code Administration, State College, Pennsylvania

February 1982 * Administrator of all construction, fire, and maintenance codes for four municipalities
to * Supervised fifteen plans examiner/inspectors and three secretaries
December 1987 * Established efficient professional modular appeals board and procedures
* Initiated comprehensive public education program
* Established summer inspection program employing professors and engineering students
* Developed computerized permit issuance, inspection, and record keeping system

Deputy Director of Community Development, City of Harrisburg, Pennsylvania

January 1981 * Directed 168 employees in four bureaus
To * Developed cross training program for inspection personnel
February 1982 * By special act of City Council assumed direction of Health Department & Zoning Bureau
-Approved as City Health Officer by the Pennsylvania Department of Health
* Continued to exercise duties of Code Administrator

Code Administrator, City of Harrisburg, Pennsylvania

September 1978 * Administrator of all construction, fire, and sanitation codes
to * Instituted forceful public relations effort
February 1982 * Established formal education program for technical staff
* Executive Director of federal & state grant funded weatherization program
-Established prototype cost and quality effective subcontractor program
* Project Manager of federally funded Vector Control program
* Dramatically increased revenue recovery through assumpsit actions
* Increased staff productivity while reducing personnel by 30%
* Instituted material recovery and reuse procedures
* Developed computerized record keeping system before most City departments

Inspections Supervisor, City of Harrisburg, Pennsylvania

May 1978 * Developed uniform inspection reporting and evaluation system
to * Coordinated communication between five site offices
September 1978 * Developed formal classroom and field instruction programs

Rehabilitation Technician, City of Harrisburg, Pennsylvania

March 1976 * First city rehabilitation technician
to * Developed rehabilitation guidelines, cost evaluation systems, and contractor compliance criteria
September 1978 * City liaison with Penn State for continuing education

Housing Inspector, City of Harrisburg, Pennsylvania

March 1974 * Perfect civil service test and evaluation

EXPERIENCE: Educational & Administrative

Program Coordinator, Construction Codes & Safety Science, Harrisburg Area Community College, Harrisburg, PA
January 2004 * Developed Diploma, Certificate & Degree Programs
to * Provided counseling for former, present & prospective students
March 2012 * Provided supervision of teaching staff
* Continued to teach credit courses
* Continued to develop & teach non-credit courses

Instructor Building Code Enforcement, Harrisburg Area Community College, Harrisburg, Pennsylvania
January 1992 * Syllabus development & instruction of technical credit courses
to -18, 124 credit hours /year
December 2003 * Syllabus development & instruction of technical non-credit courses
-18, 124 credit hours /year
* -approximately 100-120 contact hours/year

EDUCATION

Villanova University, BA (Political Science) 1969

Dickinson School of Law, 1969-1971

The Pennsylvania State University, University Park
* MPA Selective Courses

Lock Haven University, MLA 2012

The Pennsylvania State University, Capitol Campus
* Building and Housing Code Enforcement Certificates
I, II, & III, 1976-1978
* Solar Technology, 1980

Indiana University of Pennsylvania, University Center
* MS in Safety Science Selected Courses
* Safe Behavior Reinforcement

Trinity University, San Antonio, TX
* Solar Specialist Seminar, 1981

Cook College, Rutgers University, NJ
* Radon Measurement Operations

Drexel University, Philadelphia
* Accredited Building Inspector (Asbestos) 1991-97
* Facilities Management Planner (Asbestos) 1991-97
* Environmental Protection, 1981

Centers for Disease Control, Atlanta, GA
* Foodborne Disease Control, 1979
* Management by Objectives Seminar, 1979

National Fire Academy, Emmittsburg, MD
* Codes and Ordinances, 1981

National Sprinkler Association
* Sprinkler Plan Review

Purdue University, West Lafayette, IN
* Pest Control Technology

Federal Emergency Management Agency
* Emergency Management U.S.A., 1985
* National Incident Management Sys, 2014

PROFESSIONAL CERTIFICATION

International Code Council

- * Master Code Professional
- * Building Inspector
- * Electrical Inspector
- * Residential Electrical Inspector
- * Mechanical Inspector
- * Plumbing Inspector
- * Building Plans Examiner
- * Residential Energy Inspector/Plans Examiner
- * Residential Combination Inspector
- * Mechanical Plans Examiner
- * Plumbing Plans Examiner

- * Accessibility Inspector/Plans Examiner
- * Commercial Building Inspector
- * Commercial Electrical Inspector
- * Commercial Combination Inspector
- * Commercial Energy Inspector
- * Commercial Mechanical Inspector
- * Commercial Plumbing Inspector
- * Certified Building Official
- * Combination Inspector
- * Commercial Energy Plans Examiner
- * ICC/AACE Property Maintenance & Housing Inspector

Council of American Building Officials

- * Certified Building Official

- * Certified Solar Specialist

Commonwealth of Pennsylvania

- * Certified Pest Control Operator
- * Electrical Inspector
- * Residential Building Inspector
- * Residential Electrical Inspector
- * Residential Mechanical Inspector
- * Residential Plumbing Inspector
- * Residential Energy Inspector
- * Building Inspector
- * Energy Plans Examiner

Pennsylvania Building Officials Conference

- * Building Official of the Year, 1985

National Fire Protection Association

- * Fire Inspector I

- * Building Code Official
- * Mechanical Inspector
- * Plumbing Inspector
- * Energy Inspector
- * Accessibility Inspector/Plans Examiner
- * Building Plans Examiner
- * Mechanical Plans Examiner
- * Plumbing Plans Examiner

National Association of Certified Home Inspectors

- * Certified Home Inspector
- * Certified Professional Codes Administrator

State of Michigan

- * Lifetime Instructor

TEACHING EXPERIENCE

The Pennsylvania State University

- * Solar Technology
- * Plan Review and Inspection Techniques
- * Building Department Organization

Commonwealth of Pennsylvania

- * One and Two Family Construction
- * Building Plan Review
- * Existing Structures
- * Non Structural Plan Review
- * Structural Plan Review
- * Plumbing Inspection
- * Migrant Housing Inspection
- * Accessibility Building Inspector/ Plans Examiner

Harrisburg Area Community College

- Average 22 credit hours per year 1991 to 2012*
- * Structural Building Code BLCD 201 (3 CR)
- * Non Structural Building Code BLDC 103 (3 CR)
- * 1 & 2 Family Dwelling Code BLCD 101 (3CR)
- * Residential Code BLDC 101 (3CR)
- * Code Administration BLDC 230 (3CR)
- * Inspection Techniques BLDC 109 (2CR)
- * Plan Review BLDC 207 (4 CR)
- * Plumbing Code Interpretation BLDC 121 (3CR)
- * Mechanical Code Interpretation BLDC 223 (3CR)
- * Electrical Code Interpretation BLCD 125 (3CR)
- * Fire Prevention Administration BLCD 227 (3CR)
- * Property Maintenance Code BLCD 135 (3CR)
- * Energy Conservation Code BLCD 203 (3CR)
- * Handicapped Accessibility BLDC 106 (3CR)
- * Green Building Regulation BLDC 282 (3CR)
- * International Residential Code (3 CR on Line)
- * International Energy Conservation Code (3 CR on Line)
- * Introduction to National Electrical Code (2.0 CEU)
- * Basic Home Inspection Seminar (3.0 CEU)
- * IRC for Builders (.7CEU)
- * Advanced National Electrical Code Seminar
- * Harley Davidson-Plumbing for Industry
- * Home Builders UCC for New Construction
- * Home Builders UCC for Renovation & Additions
- * Pulte Homes UCC for New Construction
- * Footings & Soils for Labor & Industry

- * Foundations for Labor & Industry

- * Energy Conservation Code Essentials I for Labor & Industry
- * Energy Conservation Code Essentials II for Labor & Industry
- * Lighting & Ventilation Plan Review for Labor & Industry
- * Rough Electrical Inspections for Labor & Industry
- * Rough Plumbing Inspections for Labor & Industry
- * Underground Electrical for Labor & Industry
- * Means of Egress for Labor & Industry
- * Electrical Basics Plan Review for Labor & Industry
- * Electrical Basics Inspections for Labor & Industry
- * Electrical Plan Review for Labor & Industry
- * Mechanical Plan Review for Labor & Industry
- * Existing Building Codes for Labor & Industry I
- * Existing Building Codes for Labor & Industry II
- * Existing Building Codes for Labor & Industry III
- * UCC Group Classifications for Labor & Industry
- * Using Construction Documents for Labor & Industry
- * Hovnanian Homes UCC for New Construction
- * Wolf Academy IRC Mechanical Code

The University of Wisconsin (Madison)

- * Systematic Plan Review (1 day)
- * Mechanical Inspection (5 days)

Farmers Home Administration

- * National Building Code
- * Sprinkler System Design & Installation

The University of Maine

- * Solar Technology

BOCA/ICC Seminars

Many states, numerous offerings, 1-2-3 days each

- * CABO Model Energy Code 1995
- * CABO Model Energy Code 2000
- * On the Front Line: Permit Counter-Top Survival Strategies
- * One & Two Family Dwelling Mechanical Inspection 1995
- * Overview of the International Building Code 2000
- * Overview of the International Fire Code 2000
- * Overview of the International Fuel Gas Code 2000
- * Overview of the International Mechanical Code 2000
- * Overview of the International Plumbing Code 2000
- * Overview of the International Residential Code 2000

BOCA/ICC Seminars (continued)

- * Orientation to the International Mechanical Code 1996
- * Navigating NFPA 70 & 13
- * 2003 IBC Fundamentals
- * 2003 IECC Fundamentals
- * 2003 IRC Fundamentals
- * 2003 IPMC Fundamentals
- * 2003 IFGC Fundamentals
- * Performing Intl. Residential Building Inspections 2000-2006
- * Performing Intl. Residential Code Plan Reviews 2000-2006
- * Performing Intl. Residential Code Plumbing Inspections 2000
- * Performing Intl. Residential Mechanical Inspections 2000-2006
- * Performing Non Structural Plan Review 2000-2006
- * Performing Structural Plan Review 2000-2006
- * Transition to the IFC from BOCA Natl. Fire Prevent Code 1996
- * Transition Topics from IBC 2000
- * Increasing Credibility of Code Official
- * International Building Code Clinic
- * International Fire Code Clinic
- * 2003 IBC Code Premiere
- * 2003 IRC Code Premiere
- * Special Inspections
- * Masonry Quality & Field Practices
- * 2006 IBC Mixed Occupancies
- * Creating A Hazard Mitigation & Emergency Management Plan
- * Ethics in Public Life
- * 2006 IBC Update
- * 2006 IECC Update
- * 2006 IFC Update
- * 2006 IFGC Update
- * 2006 IMC Update
- * 2006 IRC Update
- * Legal Aspects of Code Administration
- * 2006 IBC Inspecting Soils, Footings, Foundations, & Concrete Slabs
- * 2006 IBC Solving Means of Egress
- * 2006 IRC Hurricane Resistant Construction
- * 2006 IBC Fundamentals Structural Provisions
- * 2006 IRC Fundamentals Building Provisions
- * 2006 IBC Fundamentals- Mechanical/Fuel Gas/Plumb/Elect
- * 2006 IRC Fundamentals
- * 2006 ICC Green Building Part 1
- * 2006 ICC Green Building Part 2
- * 2006 Structural Plan Review with NYS Amendments
- * 2009 IBC Significant Changes
- * 2009 IRC Significant Changes
- * 2009 IBC Concepts of Designing Wood Structures
- * 2009 IBC Non Structural Provisions
- * 2009 IBC & IRC High Winds Provisions
- * 2009 IBC Fire & Smoke Protection Features
- * I Codes & Certification Study Skills
- * 2009 IBC Solving Means of Egress in Commercial Buildings
- * 2009 IBC Fundamentals: Structural Provisions
- * 2009 IBC Fundamentals: Non Structural Provisions
- * 2009 IBC Inspecting Soils, Footings, Foundations and Concrete Slabs
- * 2009 IBC Mixed Occupancies
- * 2009 IBC Fundamentals: Non Structural Provisions
- * 2009 IBC Non Structural Plan Reviews
- * 2009 IBC Update
- * 2009 IEBC Update
- * 2009 IECC Performing Residential Energy Inspections
- * 2009 IFC Performing Commercial Fire Inspections
- * 2009 IFGC Update
- * 2009 IFGC Design, Installation & Inspections
- * 2009 IMC Fundamentals
- * 2009 IMC Design, Installation & Inspections
- * 2009 IMC Update
- * 2009 IPC Update
- * 2009 IRC Update
- * 2009 IRC Performing Residential Plan Reviews (day 1)
- * 2009 IRC Performing Residential Plan Reviews (day 2)
- * 2009 Significant Changes to 2009 A117.1 Accessibility
- * 2009 IBC Non Structural Plan Reviews
- * 2009 IRC Performing Mechanical Inspections
- * Enhancing Public Safety with Customer Service
- * Communication for Code Administration
- * 2012 Combined IMC-IFGC, Design, Installation and Inspection Principles
- * 2012 IBC Inspecting Soils, Footings, Foundations and Concrete Slabs
- * 2012 IBC Accessibility and Usability for Commercial Buildings
- * 2012 IBC Concrete Quality & Field Practices
- * 2012 IBC Fire and Life Safety Principles
- * 2012 IBC Mixed Occupancies
- * 2012 IBC Significant Changes
- * 2012 IBC Special Building Types and Features
- * 2012 IBC Special Use and Occupancy
- * 2012 IBC Update
- * 2012 IEBC Fundamentals
- * 2012 IEBC Update
- * 2012 IECC Fundamentals
- * 2012 IECC Significant Changes
- * 2012 IFC & IBC Hazardous Materials Provisions
- * 2012 IFC & IBC Interior Finishes & Foam Plastics
- * 2012 IFC Flammable & Combustible Liquid Storage Tanks
- * 2012 IFC High-Piled Combustible Storage
- * 2012 IFC, IMC & IBC Requirements for Flammable Finishes
- * 2012 IFGC Update
- * 2012 IFGC/IMC Update
- * 2012 IFGC/IMC Design, Installation & Inspections Principles
- * 2012 IPC Design, Installation & Inspections Principles
- * 2012 Significant Changes to IPIb, Mech Fuel Gas Codes
- * 2012 IPC Update
- * 2012 IRC Fire Sprinkler Systems: Design, Installation and Code Administration
- * 2012 IRC Performing Residential Mechanical Inspections
- * 2012 IRC Transition from the 2009 IRC
- * 2015 IBC Update
- * 2015 IBC Transition from the 2009 IBC
- * 2015 IRC Transition from the 2009 IRC
- * 2015 IMC/IFGC Transition from the 2009 IMC/IFGC
- * 2015 IBC Essentials
- * 2015 IRC Essentials
- * 2015 IEBC Overview
- * 2015 IBC Means of Egress
- * 2015 IFC Significant Changes
- * 2015 IFGC/IMC Design, Installation Principles
- * When Disaster Strikes -2 day

PROFESSIONAL AFFILIATIONS

BOCA International

- * Training and Education Committee, 1980-1981
- * Ad Hoc Committee on Rehabilitation, 1981
- * Existing Structures Code Change Committee, 1982-1988
- * Actively involved with Code Change Process
- * Research & Evaluation Committee, 1981-1983
- * Nominations Committee, 1982-1983
- * Ad Hoc Committee on Existing Structures, 1987-1988
- * Authored Many Provisions of All Codes

Pennsylvania Building Officials Conference (BOCA Charter Chapter I)

- * State President, 1982-1983
- Unified regional chapters under state authority
- Established annual report and budget process
- Increased membership by 60%
- * State Executive Committee Member, 1976-1988
- * Region V President, 1980-1981
- Established annual budget process
- Increased membership by 43%
- * PENNCODE Editor, 1984-1986
- * Education Committee Chairman, 1986-1987

Construction Regulatory Coalition of Pennsylvania

- * Chairman 1984-1985
- Unified PSA, PSPE, ABC, PBA, and PENNBOC in promotion of a statewide building code

National Fire Protection Association

- * Member of Architects, Engineers, and Building Officials Section, 1983-1987
- * Member of Electrical Section, 1988 - 2014

International Association of Electrical Inspectors

- * Bylaws Chairman, Central Pennsylvania Chapter

International Code Council

- * Professional Member 1988 - merger

Southern Building Code Congress International,

- * Professional Member, 1988 - merger

PUBLICATIONS

"Regional Code Enforcement" Fire Management Review, Vol. 3 No. 2 IOWA.

"Fair Labor Standards and Inspection Departments" The Building Official and Code Administrator Magazine, May-June 1985, BOCA

John Farinelli, CBO, MCP, CFM, LEED AP

John Farinelli is Vice President of JC Code & Construction Consultants, Inc., a building and fire code consulting firm and continuing education provider in Florida. He has over 30 years' experience in the construction field and in building code administration. He is licensed by the state of Florida under F.S. 468 as a building code administrator, plans examiner and inspector in all disciplines and as a Fire Inspector I under F.S. 633. He is approved by the State of Florida as a continuing education provider and has taught electrical apprenticeship classes, licensing exam preparation classes, building and fire code continuing education seminars. He is a Master Code Professional holding 25 International Code Council (ICC) certifications, is credentialed as a LEED AP by the United States Green Building Council, and is certified as a Floodplain Manager by the Association of State Floodplain Managers. He has provided code consulting services to developers, contractors, architects and engineers and has governmental experience as a building official, plans examiner and inspector. His construction field experience as a journeyman ironworker includes reinforcing steel, post-tension cables, structural steel, welding, pre-stressed and pre-cast concrete erection, glazing systems and miscellaneous metals.

Kimberly Paarlberg, RA

Kimberly is a Senior Staff Architect in Technical Services with International Code Council (ICC) at their Chicago Regional office. Her 12 plus years experience with ICC includes working in the plan review and code development departments. Her responsibilities include code development secretary for the Means of Egress Committee; providing code interpretations; instructing ICC technical seminars; and authoring/reviewing instruction materials, articles and code commentary. She is ICC's representative for development of the referenced technical standard, ICC/ANSI A117.1 'Accessible and Usable Buildings and Facilities' and ASME 24 'Flood Resistant Design and Construction'. Kim is also the secretary for the ICC 300 'Bleachers, Folding and Telescopic Seating, and Grandstands.'

Before joining ICC, Kimberly worked as a structural engineer and architect. She is a licensed architect in Illinois and holds an Accessibility Inspector/Plans Examiner certification.

ROGER AXEL, C.B.O.

Building Official, City of New Hope, Minnesota; 35 years combined construction and inspection experience including single and multi-family residential, educational, industrial, business and mercantile occupancies including the Mall of America; Bachelor of Science Degree in Industrial Education, University of Minnesota; Associate in Applied Science Degree in Building Inspection Technology, Inver Hills Community College; State of Minnesota Certified Building Official; Multiple International Code Council Certifications; ICC instructor; instructor for Housing and Building Inspection Institute at UW-Madison College of Engineering; instructor for MN Licensed Residential Contractor continuing education seminars; past Chairman, and current Executive Officer of the Association of MN Building Officials; active member of the Association of MN Building Officials, the 10,000 Lakes Chapter, MN Building Permit Technicians and the Upper Great Plains Region III Chapters of the International Code Council.

SAMUEL C. DARDANO, JR.

QUALIFYING EXPERIENCE

HVAC Industry 49 years

Building/Mechanical Inspector and Commercial Mechanical Plan Reviewer City of Boulder, CO
18 years

Instructor: Mechanical Code for over 22 years

Instructor: Mechanical Code Classes for SMCC for the past 11 years

Instructor: Fire Damper Classes for SMACNA for the past 8 years

Instructor: Mechanical Code Classes for CITC for the past 17 years

Instructor: Professional Builders Institute at Arlington, Texas 2002 and 2004

Instructor: Denver Public Schools – Adult Education and Vocational Division, IMC, IFGC

Instructor: Nationally for ICC - Mechanical and Fuel Gas Code for 13 years

Instructor: Mechanical/Fuel Gas Classes for Red Rocks Colleges

Instructor: Mechanical/Fuel Gas Classes for Redstone College 2012 - 20

ICC Instructor of the month IMC/IFGC (Twice)

Instructor: Mechanical/Fuel Gas Classes for Sheet Metal Local # 9

Server as technical consultant to county and city agencies for Mechanical/Fuel-Gas codes

Server as Mechanical Plan Reviewer

Have testifies at code appeals board and in court at a expert witness for the (IMC/IFGC)

Have reviews, evaluates and updates course material and curriculum as a subject expert

(IMC/IFGC) For ICC SUBJECT EXPERT for ICC 11 TIMES

Instructor: Colorado Educational Institute 22 years

Instructor: Region Five Education Institute 5 years

Instructor: for Redstone College (IMC Mechanical Code 3 years

LICENSES/CREDENTIALS

HVAC - Denver, CO

HVAC - Aurora, CO

Colorado State Board for Community Colleges and Occupational Education Vocational

Credential to teach in junior Colleges

Michigan Adult Vocational Certifications to teach in junior Colleges

Instructor at Redstone College

OFFICES HELD

President of Colorado Association of Plumbing and Mechanical Officials (CAPMO) – 10 years

IMC Committee 2003-2004

IMC Committee 2004-2005

MCIC Interpretation Committee 2003-2004

MC Committee 2005-2006

PMG Code Council 2008----

CACPMG 2010 - 2013

ICC - COLORADO CHAPTER ACTIVITIES

Educational Committee

Educational Institute Instructor - Denver, CO past 21 years

Wrote and Instructed Classes in the IMC and IFGC

Received the Beryl Wallace Award from the Colorado chapter of ICC for 2010 (see ATTACHED sheet)

CAPMO Code Change Committee

National Code Change Committee - Nashville, TN, and Cincinnati, OH and Orlando, Fla.

PROFESSIONAL MEMBERSHIPS

ICC - National

ICC – Colorado

CAPMO

SMACNA

ACCA

U.L.710 Committee

SMACNA FIRE DAMPER Committee.2005/ 2013

ICC CERTIFICATIONS

Accessibility Inspector/Plans Examiner

Building Inspector

Building Inspector UBC

Building Plans Examiner

Building Plans Examiner UBC

Mechanical Inspector

Mechanical Inspector UMC

Plumbing Inspector

Plumbing Inspector UPC

Residential Mechanical

Mechanical Plans Examiner

Residential Energy Inspector/Plans Examiner

Property Maintenance & Housing Inspector

PERSONAL REFERENCES

CHARLES CLIFTON – Director of Plumbing at International Code Council

Sam Darden is know in the Mechanical and Fuel Gas Community as one of the top technical expert in the NATION. He has experience as an instructor, technical writer, code consultant, Mechanical Inspector and Mechanical and Fuel Gas expert. He comes with my highest RECOMMENDATION.

Dave Horras—Building Official at City of Westminster, CO.

As Chairman of the Colorado Chapter of the International Code Council's Education Committee and member of the International Code Council's education Committee I can attest that Sam Darden is one of, if not the foremost experts on the mechanical and Fuel Gas Codes in the country. Sam has taught courses on mechanical and fuel gas code as part of the CO. Chapter Educational Institute, as well as nationally for many years and is held in the highest esteem as an instructor an consultant.

Bob Schutz---- Contract Instructor at International Code Council

I heard about Sam's classroom reputation so I traveled from Ohio to Denver area to attend one of his sessions. One of the most productive and easy to follow technical mechanical code classes I have taken and found him to be knowledgeable, personable and eager to help. I was so impressed that I recruited him to be a contract instructor for the International Code Council and asked that he be assigned the difficult projects. He truly enjoys sharing his knowledge and his experiences enable him to give valuable insights to other.

Marguerite Carroll--- Senior Regulator Engineer (UL)

Sam is an exceptional individual. His experience and knowledge in the building and Mechanical and associated codes have been key to the success of the ICC PMG CA committee. Whether as a leader or team member, Sam is hard working, responsible and thorough. He is professional in manner yet personable. He is a very easy person to work and collaborate with. I consider him one of the best overall colleagues I have ever worked with.

Jay Peters ---- Professional Standards and Codes

An obvious expert from the moment he begins to teach. Sam has an insight into the Mechanical and Fuel Gas disciplines that only a select handful of people in the world possess.

CLASSES

Overview of the IMC/ IFGE

Update of the IMC/IFGC

Classes on subject such as

Fire Damper

Commercial Kitchen Hood

Combustion Air for Gas Appliance

IRC Mechanical/Fuel Gas

Commercial Mechanical Plan Review

Table 403.3 and Ventilation

Commercial Mechanical Energy Conservation Code

And many more

SANDRA HYDE, P.E. Senior Staff Engineer

Sandra Hyde, P.E. is a Staff Engineer with the ICC Product Development Group where she develops and reviews technical resources dealing with the structural provisions of the codes. Sandra has developed technical seminars for the IBC and IRC highlighting code changes. She has experience in manufacturing and research with an engineered wood products company. With a Master's Degree in Structural Engineering, Sandra is a Registered Civil Engineer in Idaho and California, a member of the Structural Engineers Association of Idaho and the local and state chapters of building officials.