

#	Seminar Title	Description	Hours
1	Construction Defect Life Cycle	If you are involved in construction, design, insurance, property management or litigation, you need to understand the construction defect life cycle. Once a cottage industry, "the construction defect business" has now reached into almost every aspect of the building industry. Litigation avoidance techniques, litigation management techniques and construction education should be developed with the Construction Defect Life Cycle in mind. Our 2 hour presentation will outline the entire construction defect process from planning and design through litigation and repairs.	2
2	Building Performance, Inspection & Testing	Attorneys, adjusters, property managers, real estate agents and anyone else involved in the construction or real estate business is likely to face a major construction or disclosure related insurance claim or litigation at some point in their careers. Indeed, many such professionals deal with construction related claims as a common occurrence in the course of their work. <u>Building Performance, Inspection and Testing</u> will explain the purpose and practices of building inspection and testing, review applicable standards, share some horror stories, discuss reasonable expectations for performance in various construction types, and sprinkle in a pinch of "building science" for flavor (or bewilderment).	2
3	Introduction to Codes and Standards	<u>Introduction to Codes and Standards</u> is for anyone who needs to understand how codes and standards affect the construction of buildings. This presentation deals with how codes and standards have evolved through the ages to provide for the health, welfare, and safety of the general public and how they continue to evolve today. Design professionals must design in compliance with codes and standards. General contractors must build to conform to codes and standards. Building officials are entrusted to enforce codes and standards. Violations or deviations from codes and standards can place the general welfare of the public at risk and can expose the design professional and construction professional to legal liability.	2
4	Mold Management: What Have We Learned?	<u>Mold Management: What Have We Learned?</u> is a 2-hour presentation designed to cut through the complexity and media hype to focus on the real issues surrounding mold, to provide reliable sources of information for its management, and to introduce a framework for the professional handling of situations where mold might be present in occupied buildings.	2

#	Seminar Title	Description	Hours
5	Introduction to Construction Cost Estimating	<u>Introduction to Construction Cost Estimating</u> is for anyone who needs to develop or understand estimates, including construction, design, insurance, legal or property management professionals who deal with construction. The presentation outlines a step-by-step method for planning, creating and delivering estimates for construction.	2
6	Window and Door Installation Using ASTM 2112 & AAMA	<u>Window and Door Installation Using ASTM 2112 & AAMA</u> introduces the use of the ASTM E 2112 and Installation Masters method of installing doors and windows to ensure the integrity of the weather-resistant system for the exterior building walls of a light frame building. We will be covering in 2 hours what normally, through the AAMA Installation Masters Course, takes an installer with one year of experience, 2 full days to complete. This information is important for architects, general contractors, subcontractors and building industry professionals because many factors and players must come together to create complete, proper and durable installations.	2
7	Residential Flashing & Waterproofing	<u>Residential Flashing and Waterproofing</u> introduces the subject of weatherizing the building envelope. Anyone who is involved with designing, building, owning, maintaining, inspecting or insuring residential and light commercial construction should be interested in how buildings resist the ravages of the environment. We will begin by discussing the principles of design and construction of flashing and waterproofing assemblies. We will discuss various sources of moisture and options for handling it in the built environment. Examples of flashing, above grade waterproof decking techniques and below grade waterproofing applications will be discussed with real world examples of successes and failures.	2
8	SB 800: California's "Builders Right To Repair" Bill	<u>Senate Bill (SB) 800: California's "Builders Right To Repair" Bill</u> was signed into law September 20, 2002, and took effect for every living unit sold in California after January 1, 2003. If you are involved in residential construction in California, you need to know about this bill. The bill specifies the rights and requirements of a homeowner to bring a construction defect action, contains building standards and functionality requirements for new residential units, and gives a detailed pre-litigation procedure.	1 or 2

#	Seminar Title	Description	Hours
9	Residential Wood Framing	<u>Residential Wood Framing</u> provides an overview of the structural systems in residential and light frame construction from beginning to end. All major components will be discussed, including design, construction drawings (plans & specifications), framing methods, planning, layout, framing, plumb and line, stairs, joists, sheathing and shear walls, stacking of roof framing and trusses, structural hardware, and specialty framing. We also review common causes and correction of problems or defects.	2
10	Introduction to Roofing	<u>Introduction to Roofing</u> discussing the principles of design and construction of roofing assemblies; roof types and classifications; selection criteria; installation; flashing; inspection criteria; and the roof life cycle and maintenance.	2
11	Introduction to Construction Management	If you are involved in construction, financing, owning, improving, maintaining or managing real property, you need to know about the process of construction. From conception or identification of need through project completion or commissioning, the process of construction, property improvement or building maintenance is complex and without a management method it can easily get out of control. <u>Introduction to Construction Management</u> will give you a process designed to guide you through the complexity of planning and purchasing construction services, helping you avoid the most common pitfalls that cause project shortcomings, physical defects, delays, cost over-runs, legal disputes and headaches.	2
12	Construction Fundamentals	<u>Construction Fundamentals</u> is for anyone who needs to understand how buildings get built. We review the entire process of constructing a building. We follow a residential construction schedule from beginning to end, explaining the phases of construction and the relationships of the parties.	4-8
13	Common Construction Defects	<u>Common Construction Defects</u> is based on <i>The Journal of Light Construction</i> article of the same name and deals with the errors and omissions that lead to litigation.	1
14	Understanding Cost Estimating	<u>Understanding Cost Estimating</u> is for anyone who needs to understand how the bottom line figures have been reached in estimating the costs of construction. We will discuss the “big picture” and outline a step-by-step method for planning, creating, and delivering estimates for construction.	1 or 2

#	Seminar Title	Description	Hours
15	Estimating for Construction Defects	<u>Estimating for Construction Defects</u> is for construction professionals who are already versed in the profession of construction cost estimating and need to know how that knowledge base can be used in the context of a legal dispute or insurance claim. Topics include scope of work, pricing by defect, formatting for attorneys & insurance adjusters, non-construction costs, and allocation of costs & responsibility.	2
16	Residential Foundation Systems	<u>Residential Foundation Systems</u> provides an overview of typical foundation systems in light frame buildings. We describe the process of selecting and constructing the components of foundations, including grading, trenching, reinforcing, concrete placing, finishing and curing. We also review common causes and correction of problems or defects.	2
17	Weather Resistive Barriers	<u>Weather Resistive Barriers</u> was developed and presented originally for AAMA Meeting 4/30/03 in Seattle, WA. Discussion of questions from a performance perspective, experience from the field, building codes, standards development, product manufacturers' information, other resources and discussion regarding what the building industry can do to improve the situation.	2
18	New Developments in California Construction Law	<u>New Developments in California Construction Law</u> is a discussion of liability in construction including the Jimenez decision, SB 800 – 'Builders Right To Repair' Bill, and risk management. This presentation and companion publication were developed and presented originally with David Heemann and Paul Viau, for ASTM committee E06.51.11 1/17/2003.	1 or 2
19	Construction Risk, Contracts & Insurance	<u>Construction Risk, Contracts & Insurance</u> is designed for anyone involved in constructing, financing, owning, improving, maintaining or managing real property. Legal risks, administrative issues, skyrocketing workers' compensation costs, increasing fees and taxation, and complicated insurance issues are only a few of the reasons why construction costs are higher today than ever before. This presentation is designed to help you avoid the most common pitfalls that cause project shortcomings, defects, delays, cost over-runs, legal disputes and headaches in general.	2
20	Working with PFCS	<u>Working with PFCS</u> is an overview of our company, our staff members, what makes us special, how our operations function, where we operate in the "Construction Defect Life Cycle", how we assess buildings and property, and how we work with clients to control costs by making decisions in their best interests.	2

#	Seminar Title	Description	Hours
21	Mold in the Built Environment	<u>Mold in the Built Environment</u> outlines & summarizes the issues surrounding mold and introduces a framework for the professional handling of situations where mold might be present in occupied buildings. This seminar is for anyone who wants to get the facts behind the confusing, contradictory, and often scary information out there about mold.	2
22	Handling Mold with Professionalism	<u>Handling Mold with Professionalism</u> answers the question: “Are the “mold experts” you face giving you the straight story, using complexity and media hype as scare tactics, or simply misinformed?” We focus on the real issues surrounding mold and introduce you to a framework for the professional handling of situations where mold might be present in occupied buildings. We’ll help you develop your “mold claim protocol”, and identify sources of information you can rely upon.	1
23	Financial Impacts of Mold	<u>Financial Impacts of Mold</u> deals with the often scary and expensive subject of mold. There are no laws controlling testing, evaluation, and remediation of mold and no laws regulating “Mold Experts”. We focus on the financial impacts of mold on the construction industry, insurers, financial lenders, and property owners. We help you decide who to call, we lay the foundation for your “mold claim protocol”, review what claims might cost, and identify sources of information.	1
24	The Dangers of Mold	<u>The Dangers of Mold</u> includes a full-length companion article “Dangers of Mold Lie in Ambiguity” which was published in the April 2003 edition of <i>Window & Door</i> . Discussion of the most important dangers the business and construction community face from the avalanche of mold claims including: health issues, expenses for inspection & testing, remediation, alternative living expenses, legal costs, business interruption, insurance coverage, bad publicity and more.	1 or 2

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