

JOURNAL OF THE WOODWORK INSTITUTE

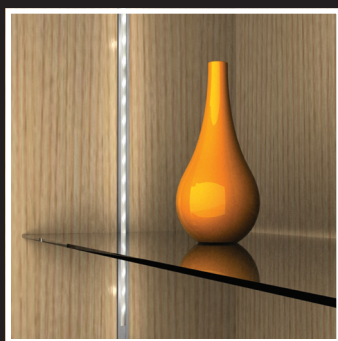
FALL/WINTER 2011

# ARCHETYPE

A photograph of a modern theater interior. The seating is tiered and curved, with rows of red upholstered seats. The walls and ceiling are finished with light-colored wood paneling. A stage area is visible in the background, and the overall atmosphere is warm and contemporary.

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## WOODWORK INSTITUTE'S VISION & MISSION

### VISION

Assurance through  
Certification

### MISSION

To promote to the architectural design community, its suppliers and contractors, the development and dissemination of information relative to uses, advantages, and utility of millwork products. To provide the leading standards and quality assurance programs for the architectural millwork industry through the new *Architectural Woodwork Standards*, our exclusive publication *The WI Approach*, Certified Compliance and Monitored Compliance Programs.

To be the premier, industry-driven, equal opportunity, non-profit trade association resource provider for our membership.

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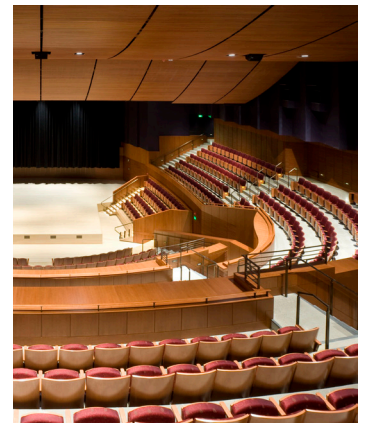
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### ON THE COVER\*

**Winner of the 2011  
Ralph B. McClure  
Award for Excellence**

### **Soka University Performing Arts Center**

Millwork Fabrication:  
Pacific Architectural Millwork  
Architect: Zimmer/Gunsul/FRASCA  
General Contractor:  
McCarthy Construction



See full story on page 8



## Have your Products been Acknowledged?

The Woodwork Institute's Acknowledged Product Program is a great way to promote your products. Acknowledgment verifies the product meets the minimum requirements of the *Architectural Woodwork Standards*.

Once acknowledged, your product is listed in DETAILS Newsletter and WI's Website.

The best part is this is a **FREE** service to Woodwork Institute members. Visit [www.woodworkinstitute.com/products](http://www.woodworkinstitute.com/products) for more information.

## THE APPROACH version 2 (Supplement to the AWS)

is now available on  
[www.woodworkinstitute.com](http://www.woodworkinstitute.com)

### The Woodwork Institute wants to hear about your company.

Tell us about your products, new & promoted employees, and upcoming events. You could be featured in the Member News section of the *Details* Newsletter and our website. Photos to accompany your stories are always welcome. If you have news pertaining to the architectural community, submit it for publication in *Archetype* magazine. We also encourage guest writers for both *Details* and *Archetype*. To submit materials, or for more information, call 916-372-9943 or email [leanne@woodinst.com](mailto:leanne@woodinst.com).



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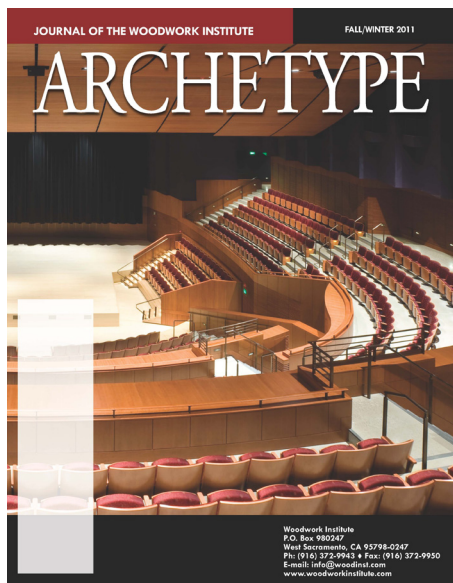
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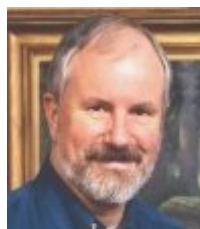
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# *Best of the Best* 2011

Every year, the Woodwork Institute recognizes excellence in woodwork and its design with a series of awards. This year one project received the Bernard B. Barber Jr. Award for Excellence and one project received the Ralph B. McClure Award for Craftsmanship.

The Institute's most prestigious award, the Bernard B. Barber Jr. Award for Excellence is given to examples of outstanding architectural millwork. The award is named in honor of Mr. Bernard Barber, who dedicated more than 40 years of his life to the Woodwork Institute. Since the first Bernard B. Barber Jr. Award for Excellence was presented in 1965, more than 100 projects have received this recognition.

The Ralph B. McClure Craftsmanship Award and Bernard B. Barber Jr. Award for Excellence nominees may be submitted by any design professional or Woodwork Institute member who was contractually tied to the project. Specifications must require Certified or Monitored Compliance to be eligible.

A full list of past winners and entry forms can be viewed on the Institute's website at [www.woodworkinstitute.com/awards](http://www.woodworkinstitute.com/awards).







*Bernard B. Barber Award for Excellence Winner*

## **Project:** USC Student Tutor Center

### **Job Description:**

The project consisted of over 23,000 square feet of walnut wall paneling, two restaurants, and the Trojan Family Room Rotunda. The family room had 14 wood clad columns leading to a wood clad ring forty feet in the air.

### **Special Considerations:**

The paneling consisted of book matched quarter sawn walnut with a running bond pattern and grain match in both vertical and horizontal direction.

**Architect:** AC Martin

**General Contractor:** Tutor Saliba Corporation

### **Millwork Fabricator**

Day Star Industries, Inc.





*Ralph B. McClure Craftsmanship Award Winner*

## **Project:** Soka University Performing Arts Center

### **Job Description:**

Cherry veneer paneling with 1" solid cherry battens spaced 1" apart throughout the performance hall. The walls are all on a radius and built stadium style which made for some complex joinery.

### **Special Considerations:**

A lot of the panels were accoustical panels made with just solid cherry frame and 1" battens with fabric behind to allow the sound to bounce off GFRG baffels behind.

**Architect:** Zimmer/Gunsul/ FRASCA

**General Contractor:** McCarthy Constuction

### **Millwork Fabricator**

Pacific Architectural Millwork



**Project:** UCLA Japanese Shrine



**General Contractor:**  
UCLA Facilities Management

**Millwork Fabricator**  
Dennis Reeves, Inc.

**Project:** Millers Children's Hospital



**Architect:** Taylor Architecture

**General Contractor:** Turner Construction Company

**Millwork Fabricator**  
K&Z Cabinet Company, Inc.

**Project:** Crestline Library



**Architect:** STK Architecture

**General Contractor:**  
Tutor Perini Corporation

**Millwork Fabricator**  
Dennis Reeves, Inc.

**Project:** Inland Empire  
Transporation Center



**Architect:** AECOM

**General Contractor:** RC Construction

**Millwork Fabricator**  
Dennis Reeves, Inc.

**Project:** Monterey County  
Government Center Northwing



**Architect:** HOK Architecture

**General Contractor:**  
Turner Construction

**Millwork Fabricator**  
Amberwood Installation

**Project:** R. Roger Rowe  
Middle School



**Architect:** Trittippo Architecture

**General Contractor:** C.W. Driver

**Millwork Fabricator**  
K&Z Cabinet Company, Inc.

**Project:** Miramar College



**Architect:** NTD Architecture

**General Contractor:**  
Sundt Corporation

**Millwork Fabricator**  
K&Z Cabinet Company, Inc..

**Project:** USC Student Tutor Center



**Architect:** AC Martin

**General Contractor:** Tutor Saliba Corporation

**Millwork Fabricator**  
Day Star Industries, Inc.



# WILBUR L. JOHNSTON AWARDS FOR EXCELLENCE

*for outstanding woodwork specifications*

Named for Wilbur L. Johnston, a CSI fellow and Director of Architectural Services with Woodwork Institute for over 21 years, the Wilbur L. Johnston Award for Excellence is given to specification writers and architectural firms that have written outstanding millwork specifications utilizing WI standards. WI field staff select and recommend the recipients of the Wilbur L. Johnston Award of Excellence among the projects that they have the opportunity to review. First awarded in 1988, past winners on the Wilbur L. Johnston Awards of Excellence can be viewed at <http://www.wicnet.org/awards/wlj.asp>

*The following specification writers and architectural firms have been awarded the Wilbur L. Johnston Award of Excellence for 2011:*

**Mark Finney**

Sugimura Finney Architects  
Mount Pleasant High School

**HMC Architects**

Old Curtis Middle School Boiler &  
Cooling Tower

**Jesse Marquez**

Mangini Associates Incorporated  
JJ Cairns Continuation High School

**Brian Rasmussen**

FMPO  
Silver Creek High School Locker Room

**Paul Gallegos**

Alpha Design Group  
Solana Vista Elementary School Classrooms

**Michael Pon**

WLC Architects  
Park View Elementary School

**Vanessa Pettier**

IBI Group Blurock Architects  
Fern Elementary School Classroom &  
Multipurpose Bldgs

**Ordiz-Melby Architects**

South High School Phase 2 2006

Congratulations to  
*Best of the Best*



# THE C.E. BERNHAUER, JR. SCHOLARSHIP AWARD WINNERS

**E**ach year the WOODWORK INSTITUTE awards scholarships to young adults who show great promise in becoming valuable additions to the architectural and/or woodwork industry. This year we've awarded four such people.

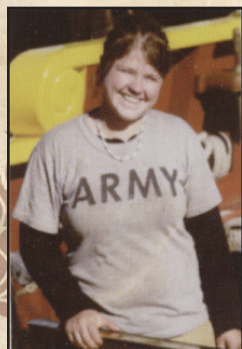


## Melanie Ray

Melanie is currently an Architecture student at Penn State University after graduating high school with a 4.1 GPA. She decided to become an architect with inspiration from her father who is an architect. Melanie's boss at a job as Camp Counselor says "Melanie will do amazing things because of her inner-most desire to make herself and the environment around her better. When she graduates from Architecture at Penn State she will begin her internship and seek a second degree in Architectural Engineering or Business Management.

## Bradley Kaminski

Bradley is a Masters of Architecture major at University of Detroit-Mercy. He holds the position as Fundraising Chairperson with the American Institute of Architecture Students, UDM chapter. Brad is an avid swimmer and works as a Life Guard and Swim Instructor during the summer. One of his high school Architecture teachers said "Brad shares his knowledge and skills with other students. Brad will excel at whatever university program he chooses." His vocational goal is to become a world renowned architect.



## Elizabeth Palmer

Elizabeth currently attends the Northwest School of Wooden Boat Building and participates in the Large Craft Program. She is in a Repair and Restoration course as well as an internship with professional rigger Wayne Chamenti. The Director at her school says that Elizabeth has shown remarkable talent and interest in learning wooden boatbuilding and is gaining fine woodworking skills. With hard work and determination, she plans to stand among the small crowd of men that have proven their names as shipwrights.

## Christopher Bell

Christopher graduated with honors in May 2011 from Pittsburg State University. His bachelors degree is in Wood Technology with an emphasis in Wood Product Manufacturing. He will return to Pittsburg State this Fall to begin his Masters degree in Wood Technology. Christopher held office in the Student Society of Architectural Woodworkers from 2008 - 2010. When he finishes with his Masters degree, he plans to work up the ranks in a high-end architecture firm and one day own his own company.





## Working Together and en Français.... Travailler Ensemble

**F**or decades the Architectural Woodwork Manufacturers Association of Canada acknowledged the need to translate the architectural woodwork quality standards manual into French. This objective was stymied because three different quality standard manuals were being referenced in North America.

As most of our readers know, the Joint Standard Committee (JSC) was created in the summer of 2007 to create, maintain, update and clarify as needed, a single architectural woodwork standard. The JSC has worked diligently during the last four years finding solutions to different architectural woodwork quality perspectives and ultimately creating the best quality standard. The printing of the *Architectural Woodwork Standards* (AWS), Edition 1, 2009, was a milestone for our three associations (AWI, WI & AWMAC). Through the easy and tough stretches the JSC has had continued support from all three associations to publish one standard and after printing, to clarify and update the AWS.

One of the JSC mandates is to grant approval, (or not), to any AWS derivatives. One outcome of last July's JSC two day meeting was that the **JSC granted permission to AWMAC's request to translate the AWS into French.** AWMAC has committed a six figure budget to this initiative and the AWMAC Quebec chapter will oversee this pioneering endeavor.

Why is this significant? What are standards for? The answer is to have all the architectural woodwork industry subscribe to the same standard no matter which state, which province, which country or which language. Yes, a step in the right direction and a direct outcome of our three associations working together. What's next? Who knows, but we will achieve more by working together.

*Jim Taylor, JSC AWMAC Manual Chair and AWI Member  
Vancouver, Canada*

***JSC has granted  
permission  
for AWMAC to  
translate the  
AWS into  
French.***



## Steve Taylor has retired from The Woodwork Institute

As of November 1, 2011, Steve Taylor, Director of Architectural Services has retired from The Woodwork Institute.

Here are the thoughts of some of his fellow DAS's from Woodwork Institute on his retirement.

"I call Steve 'the professor' because he is a walking/talking encyclopedia of millwork knowledge. and I know all of us use him as a 'go to' person when we have an interesting field situation, he never fails to respond with unbiased info and opinions..... 'we will miss him' is an understatement.", says Dick McClure.

Tom Cavanaugh says, "What can you say about Steve? Well he just happens to be one of the most knowledgeable persons that I have ever come across. He is truly a man with a great deal of head smarts. I will miss this guy very much. I wish him the best that life has to offer."

"Steve Taylor is the WI encyclopedia and whenever someone comes at me with an interesting off the wall question Steve is the person I go to and he does respond quickly with a detailed explanation," says Randa Vargas.

Paul Bernardis had this to say about Steve, "Steve is Mr. Millwork [among other things]. I trained with Steve for a week and was always amazed at his vast wealth of knowledge, not just woodworking. Wherever we went, whether it was jobsites, shops or architects offices you could feel the respect he generated from all. He is the consummate Renaissance man and gentleman.

He can give dissertations on everything from bark pockets and unfilled worm holes to John Coltrane and Northern Italian cuisine. Like

others have said, he is our answer man, our wood guru and will be sorely missed."

Steve began his career in woodworking in 1969 at Taylor Millwork and Stair Company where he worked until 1983 as Vice President of Operations. He then became Treasurer and Vice President of Operations for Taylor Brothers Stair Company where he worked until he joined The Woodwork Institute in 2003. Steve has been an integral part of the Institute as DAS where he performs inspections, distributes *Architectural*

*Woodwork Standards*, presents continuing education seminars, and writes articles for our publications. He's served on WI's board of Directors for two terms, as well as the Board of Directors for the Construction Specifications Institute.

While Steve has retired he won't be abandoning the institute altogether. He plans to continue to write articles, review specifications, and otherwise dabble in institute affairs. His hope is that he can continue to do those parts of the job that he might have otherwise missed.

He plans to spend his retirement catching up on woodwork projects for his family, as well as hiking, skiing and traveling. We wish Steve all the best.





# AWS Traps to Watch Out For

By Steve Taylor

**I**t has been two years now since the first edition of the *Architectural Woodwork Standards* was published. Because the AWS applies to jobs that bid after October of 2009, we are just now seeing a majority of jobs that are covered by the new standard. While all our licensees have taken the test on the new book, it is hard to remember the differences, and old habits die hard. Non-member shops and member shops who are not licensees will not necessarily be aware of these differences if they have not studied the new book.

The most common problem I am seeing is improper material on exposed interiors. The addition of Exposed Interiors is the single biggest difference between the Manual of Millwork standards and the Architectural Woodwork Standards. Under the Manual of Millwork the interior surfaces of open cabinets and cabinets with glass doors were considered to be Exposed Surfaces if the work was Premium Grade, but Semi Exposed if the requirement was for Custom or Economy Grade. This schizophrenic treatment was a source of confusion and unhappiness. Many architects and designers were unhappy to find that the interiors of their open cabinets didn't match the exposed. When the Joint Standards Committee worked on this issue they solved the problem by creating the new surface definition: Exposed Interiors. In addition to the interiors of open cabinets and cabinets with glass doors, this new category includes the interior faces of cabinet doors and drawer fronts.



The new rules for Exposed Interiors are more complicated than before, but not that difficult. The problem is learning the new rules. As before, problems most often turn up in the treatment of Custom Grade. The rules are summarized in the table on page 16.

**Continues on page 16**



## AWS Traps to Watch out For

Continued from page 17

Exposed Interiors: Grade Rules				
AWS Grade		Economy	Custom	Premium
Wood Casework for Transparent Finish	Exposed Interiors	Manufacturer's Option: veneer or low pressure laminate	HPVA Grade B veneer of the same species as the Exposed Exterior	HPVA Grade A veneer of the same species as the Exposed Exterior
	Inner face of Doors	Mill option veneer or LPDL	HPVA Grade B veneer of the same species as the Exposed Exterior	HPVA Grade A veneer of the same species as the Exposed Exterior
	Matching	Not required	Compatible with exposed exterior in grain and color	Well matched to exposed exterior in grain and color
Wood Casework for Opaque Finish	Exposed Interiors	Manufacturer's Option: Particle Board, MDF, MDO, hardwood, or softwood veneer.	Manufacturer's Option: MDF, MDO, or close-grain hardwood	MDF or MDO
	Inner face of Doors	Same as other Exposed Interiors	Same as other Exposed Interiors	Same as other Exposed Interiors
PLAM Casework	Exposed Interiors	LPDL1, mill option color	HPDL2 or LPDL compatible in color and pattern with the Exposed Exterior.	HPDL matching the Exposed Exterior
	Inner face of Doors	HPDL, same thickness as exterior	HPDL, same thickness as exterior. Color need not match.	HPDL matching the Exposed Exterior
Solid Phenolic		Not Offered	Not Offered	Match Exposed Exterior
	1: LPDL: Low pressure decorative laminate such as melamine or polyester			
	2: HPDL: High pressure decorative laminate such as Formica or Wilsonart			

WHITE MELAMINE AND WHITE CABINET LINER ARE NO LONGER ACCEPTABLE FOR THE EXPOSED INTERIORS OF CUSTOM GRADE PLAM CASEWORK. It is acceptable to use melamine or polyester if the color and pattern are “compatible” with the exposed exterior. (Thereby creating the obvious exception to my opening statement; white melamine or cabinet liner would be acceptable if the exterior PLAM were white.) It would also be acceptable to use a PLAM pattern that is “compatible” rather than matching the exposed exterior, although I can’t imagine why you would do so.

I have reservations about the word “compatible” in the AWS in this context. I understand that the Joint Standards Committee wanted to leave some room for the variation between PLAM patterns and melamine patterns. Unfortunately my idea of compatible might not be the same as yours; and the architect’s is likely to

differ from both of ours. I am already aware of one disagreement between a fabricator and architect over this. I would suggest that good practice would be to submit samples of the exposed interior material and the exposed exterior material with the shop drawings.

**LAMINATE ON THE INSIDES OF DOORS ON CUSTOM GRADE PLAM CASEWORK MUST MATCH THE THICKNESS OF THE LAMINATE ON THE EXTERIOR FACE.**

The inner surface of cabinet doors and drawer fronts are also covered under the Exposed Interiors category. Under the AWS, the backs of Custom Grade doors and drawer fronts are required to be PLAM of the same thickness as the exterior face. Cabinet liner is PLAM and is acceptable if it is the same thickness as the exposed laminate. NEMA LD-3 2005 sets the thickness of cabinet liner (Grade CGL) as 0.020". This would match PLAM Grade VGS. I understand that at least one manufacturer makes cabinet liner in other thicknesses. The AWS doesn't restrict the color of the interior faces, but I would strongly recommend matching (or nearly so) either the Exposed Exterior surface or the Semi Exposed.

**CORES OF PLAM SINK TOPS MUST BE WATER RESISTANT MATERIAL.**

This is more difficult to inspect for, and therefore is less likely to turn up in your inspection report. It is an important issue, however. I have seen a number of cases where sink tops have failed because the core got wet. Because the Manual of Millwork didn't require water resistant core this might not be a defect if the top were manufactured properly (usually those that failed weren't.) Because the AWS requires water resistant core, I would feel justified in asking for documentation if I had any reason to believe that the core was not compliant.

**SEISMIC SHELF SUPPORTS ARE NO LONGER REQUIRED UNLESS SO SPECIFIED.**

Let's end on a happier note. The requirement for seismic shelf supports was never a Manual of Millwork requirement, but a requirement of the California (UBC) Building Code. Woodwork Institute could not find any such requirement in the new California (International) Building Code correspondence with the State Architect (DAS) and Office of State-wide Health Planning and Development (OSHDP) confirmed that they couldn't find any such requirement in the code either. They don't require it, and we don't require it either.



## Woodwork Institute Welcomes Mitch Taylor

The Woodwork Institute would like to welcome Mitch Taylor aboard. He began as a Director of Architectural Services (DAS) September first and brings with him a great deal of experience in the woodworking industry.

Mitch's family has been in the woodworking business since 1929. Mitch started working at Taylor Millwork and Stair Co., as a teenager in Junior High, tailing off and sweeping up, and found that tailing off on the straight line through a unit of 8/4 red oak is a good way to build upper body strength. He went to work full time in 1974 after attending Cal State Dominguez Hills. Mitch started out in the mill, and worked his way up to mill foreman. He then transitioned to the cabinet department, starting with cutting and machining panel product and moving on to cabinet assembly and installation. Once he had a solid knowledge of cabinets and joinery, he went on to the stair department. After working in the shop and as an installer, he moved on to layout and design. In 1980, he was promoted to working as a job captain for commercial cabinet and millwork jobs.

In 1983, Steve Taylor, Ross Taylor and Mitch started Taylor Brothers Stair Co. Mitch continued to run the cabinet and millwork department for several years before the business shifted almost entirely to stairs in 1990. Taylor Brothers worked on many high end residential and commercial projects in the

Southern California area, with some larger projects in Oregon, Washington, Texas and Hawaii. Mitch was involved in all aspects of the business, from sales and estimating to design and fabrication. The most interesting part was the design and

engineering, particularly on projects requiring unique solutions to difficult situations and design parameters. It was a source of pride to be known for doing projects no one else was willing or able to take on.

In 2003, Taylor Brothers closed. Mitch went to work with SMI Millwork, where Bob Stolo decided to keep the stair business going and started Taylor Stair Co. as a new company. Mitch set up a new shop, keeping the same standards and tradition of quality set by Taylor Millwork and

Taylor Brothers. He ran the shop at Taylor Stair up until 2011, and supervised the construction of many fine residential and commercial projects, including stairs, paneling and millwork.

Mitch is looking forward to working for Woodwork Institute, and continuing it's efforts to further the high quality standards set by the Institute through the AWS. The Taylor family has a tradition of service with Woodwork Institute dating back to the 1950s and the first Manual of Millwork, and he intends the carry on in that spirit.



## Woodwork Institute Welcomes Marcia Falk

Marcia Falk recently joined the Woodwork Institute in November 2011. She brings to WI 13 years in the construction industry doing outside sales. Marcia began her construction industry career with a small “mom and pop” shop called Schmid Insulation and Fireplaces located in Pomona, California. Schmid began her training by having her do the take-offs and bids for the sales team. Quickly they moved her into residential sales where she called on many of the purchasing agents in the tract market. As her sales grew so did her company; her company went through two acquisitions over the next 5 years. When Masco Contractor Services bought the business they transformed it to a more corporate structure. Masco Contractor Services is a billion dollar company that is one of the world’s largest manufacturers of brand-name products for the home improvement and new home construction markets. Masco is also a leading provider of a variety of installed products and services for homebuilders. Marcia went from selling just two products (insulation and fireplaces) to also selling garage doors, shower enclosures, mirrors, etc. She now had the opportunity to multi-sell to her customers as a “one stop shop.” It was her responsibility to see the job through from the bidding stage until completion. In addition to product sales,



she also resolved both technical and aesthetic problems with product installation. Her other roles in the company included setting up negotiation meetings with clients, helping to coordinate Masco representation at various national trade shows, and constantly updated her product knowledge with the various vendors.

Marcia was originally from Northern California. She grew up in the small college town of Davis. There she attended and graduated from the University of California, Davis in 1989. She received her Bachelors of Science degree in Textiles Marketing and Environmental Science. She moved to Southern California in 1992 where she currently resides with her husband and two children.

She is looking forward to the new challenges and adventures that her work as a Director of Architectural Services for Southern California will bring. Her areas will include: San Diego, Orange County, and the Inland Empire. She is also a member of the Inland Empire and Orange County Construction Specifications Institute (CSI).



# ARCHITECTURAL WOODWORK STANDARDS

## Edition 2

Jointly published by the Woodwork Institute (WI), Architectural Woodwork Institute (AWI), and The Architectural Woodwork Manufacturers of Canada in 2009 (AWMAC), the *AWS (Architectural Woodwork Standards)*, is now ready for an update to Edition 2. These three organizations make up the Joint Standards Committee and have begun development of AWS Edition 2 due to be out in early 2013. It will contain the same quality benchmark standards of the industry that made Edition 1 the bible for wood-working projects.

If you have any additions, changes, suggestions to the current AWS, please send an email to [rob@woodinst.com](mailto:rob@woodinst.com) to be considered for inclusion in Edition 2.





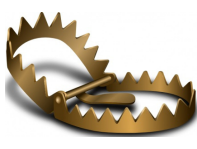
# Woodwork Institute Seminars for AIA CES Credits

Get more information at <http://www.woodworkinstitute.com/seminars.asp>

Woodwork Institute presents

## Common Pitfalls in the Design of Accessible Casework

Designing for ADA Compliance (Americans with Disabilities Act)



*Don't get caught in an ADA trap!*

- ▶ Learn why your design might not meet California Disabled Access requirements.
- ▶ Sink Cabinets! Service Counters! Wardrobes! Kitchens!
- ▶ Need AIA credits? Join us for this seminar.

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P.O. Box 980247  
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## ARCHITECTURAL WOODWORK STANDARDS

Presented by Woodwork Institute



On October 1, 2009, *Architectural Woodwork Standards* officially replaced Woodwork Institute's *Manual of Millwork*.

Due to its joint publication, there are changes that you should be aware of, and are included within this seminar.

The seminar will include:

- A brief history of architectural woodwork quality standards
  - The *Manual of Millwork*
  - *Quality Standards Illustrated*
  - WI, AWWI, and AWMAC
- *Architectural Woodwork Standards (AWS)*
  - The new quality standard for all of North America
  - A collaboration of AWWI, AWMAC, and WI
- What's in the AWS?
  - Objective, measurable standards for all types of architectural millwork
    - How the AWS is organized
    - Sections
    - Organizations within sections
- Comparison of AWS and *Manual of Millwork*
  - Because of the Associations collaboration, the new AWS has some distinct enhancements not necessarily fully addressed in the *Manual of Millwork*
- How to use the AWS in your specifications
- Quality Assurance programs based on the AWS
  - Woodwork Institute:
    - Certified Compliance
    - Monitored Compliance
  - AWWI Quality Assurance Program
- Other services provided by Woodwork Institute
  - Design Consultation
  - Guide specifications and compilation
- Wood: A Renewable Material
  - Selecting and specifying wood and veneer
- An overview of standards for doors, panel products, case work, and countertops

This program is registered with the AIA Continuing Education System

WOODWORK INSTITUTE Presents:

## Submittal Requirements for the Fabricator and Site Conditions for Delivery used within Architectural Woodwork Standards

This Seminar will include:

- ✓ What 3 or more submittal documents are required by fabricators.
- ✓ Explanation of the purpose and relationship of the submittals to the contract documents.
- ✓ Explanation of how wall blocking is to be identified on submittals.
- ✓ How to list three conditions for the delivery of architectural millwork.

This seminar is registered with the AIA Continuing Education System

Woodwork Institute presents

## Green Wood

Using WI as your green partner and using wood as a renewable resource

### Goals of Green Wood Seminar

1. Discover how to select wood products in an ethical way
2. Learn about the management of forestry
3. Know history of forest management
4. Find out about the SAW (Sustainable Architectural Woodwork) certification program launched by WI and AWMAC.
5. Identify what natural material has the greatest carbon offset.

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[www.woodworkinstitute.com](http://www.woodworkinstitute.com)

## Architectural Millwork Quality Control - Assurance Through Certification

Goals of this Seminar include:

1. Be able to name the two required items most likely to be missing from Architectural Millwork Shop Drawings.
2. Be able to identify two common millwork fabrication deficiencies.
3. Be able to identify two common installation deficiencies.

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Woodwork Institute presents

## Specifying Architectural Woodwork-

At the end of this seminar attendees will be able to:

1. Identify CSI specification sections that can be specified using Architectural Woodwork Standards
2. Use the AWS Grades in architectural woodwork specifications.
3. Identify plain sliced, quarter sawn, and rotary cut veneers.
4. Identify book matched and slip matched panels.
5. Specify the Woodwork Institute quality assurance programs.

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## Stair Design and Construction

### Goals of Seminar

- ▶ Learn the constraints on Rise and Run for a well designed stair.
- ▶ Learn the structural and physical requirements for handrail on public and private stairs.
- ▶ Understand the requirements for guardrails at stairs and balconies.

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# WI DAS Update

by Stanley "Rob" Gustafson, CEO

It's been a busy year despite the flat, depressed economy. Through September of this year, the Institute's Directors of Architectural Service (DAS) have:

1

Conducted **136 Lunch n' Learn seminars** with 1,554 in attendance and 663 of those earning AIA CES units. Of the seven AIA CES registered seminars (listed below) which WI typically conducts, the Architectural Woodwork Standard seminar, and the Quality Issues and Submittal/Site Condition Requirements seminar are the most popular; however our Wood as a Sustainable Material seminar and Common Pitfalls in the Design of Accessible Casework seminar are quickly gaining in popularity.

WI001 – Architectural Woodwork Standards

WI002 – Architectural Millwork Quality Issues (HSW)

WI003 – Submittal Requirements and Site Conditions

WI005 – Specifying Architectural Woodwork (HSW)

WI006 – Stair Design and Construction (HSW)

WI008 – Wood as a Sustainable Material (HSW/SD)

WI009 – Common Pitfalls in the Design of Accessible Casework (HSW)

A seminar request form can be downloaded at:

<http://www.woodworkinstitute.com/seminars.asp>

2

Consulted on **over 40 projects** at the request of design professionals, helping them with specification and/or fabrication/installation issues.

3

Conducted **over 285 onsite product and/or installation inspections** of which 159 were for issuance of Certified Compliance Certificate/Labels by non WI Licensees with the remainder for verification of self certification issued by WI Licensees because of request by a contractual parties or random audit inspection. During this same time period 806 projects were certified.

Of the 159 requests for certification by non WI Licensees, 27 were found non-compliant, requiring correctional action before certification could be granted. The most common non-compliant findings include: wrong semi-exposed materials, excessive scribe width, failure to notch type 1 hinges, alignment of door and drawer fronts, and improper installation.

Unfortunately, we see a significant number of fabricators and/or installers shortcutting their contractual responsibilities in these adverse economic times. Your SPECS RULE, be sure your customer gets what they are entitled to.

# Architects & Designers

DID YOU KNOW THAT WOODWORK  
INSTITUTE OFFERS YOU THESE  
BENEFITS, FREE OF CHARGE?

- **ARCHITECTURAL WOODWORK STANDARDS**  
The definitive resource for nation-wide standards
- **THE WI APPROACH**  
The Institute's exclusive supplemental text to the Architectural Woodwork Standards
- **QUALITY CONTROL OPTIONS**  
Ensuring your projects meet your expectations
- **CONTINUING EDUCATION CREDITS**  
Enabling you to satisfy your education requirements
- **ENGINEERING CONSULTATIONS**  
Helping you make your design a reality

To find out how Woodwork Institute can give you a competitive advantage, contact our Administrative Office or visit us on the web at [www.woodworkinstitute.com](http://www.woodworkinstitute.com)



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## resource guide

### FURNITURE & CABINETRY LIGHTING

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