



PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO

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PROGRAM



Bio-Energy, Fuels and
Products Symposia & Expo
FEBRUARY 4, 2010

FEBRUARY 4-6, 2010
Omni Hotel at CNN Center
Atlanta, Georgia



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PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO

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THE SECOND ONE

Welcome to Atlanta's Omni Hotel at CNN Center and welcome to the second Panel & Engineered Lumber International Conference & Expo (PELICE) and the first Bio-Energy Symposia & Expo. Since the first PELICE in February 2008, our wood products industries, our businesses, our personal lives have experienced amazingly troubled times. The 2008 event ended with whispers of an incoming recession in the air. This 2010 event begins with the tail end of that recession whisking away, we think. But I doubt that there will be much cheer-leading during PELICE 2010. Many of us are now just coming out of a hunker-down position. Many of us are still in it. Perhaps PELICE 2010 will provide some guidance and direction for all of us.

We never gave much consideration to not putting on PELICE 2010. The feedback we received on the first one had been too positive to not come back again. Ninety-seven percent of the non-exhibitor registered attendees said they found something in the presentations that might be useful to their business. Ninety-five percent rated the quality of the session topics as good or excellent. Eighty-two percent rated the need for this conference & expo to be held in the Southeast U.S. every two years as good or excellent. And 80% said the possibility of returning to the next PELICE was good or excellent.

I don't know if PELICE 2010 will live up to those numbers again. But we've given it our best shot. Unlike some shows, PELICE is produced by people and companies who have been directly involved in the wood products industries for decades. The conference agenda is assembled by people who have had their fingers on the pulse of the business for decades.

Finally, we want to thank all of the conference speakers and moderators for volunteering their expertise for the betterment of the wood products and bioenergy industries. We want to thank the exhibitor companies for choosing to participate in PELICE 2010 and Bio-Energy when, given the recent collapse of the economy, it would have been so justifiable not to participate. And thanks to the remaining attendees for leaving their places of work to take in PELICE and Bio-Energy.



Rich Donnell
Editor
Panel World
PELICE Co-Chairman



Fred Kurpiel
President
Georgia Research Institute
PELICE Co-Chairman

PELICE PRODUCERS

The co-producers of the second Panel & Engineered Lumber International Conference & Expo are *Panel World* magazine and Georgia Research Institute. *Panel World* is published six times per year and covers the veneer, plywood, composites, laminates and engineered wood products segments.

Panel World is an affiliate of Hatton-Brown Publishers, Inc., headquartered in Montgomery, Ala. Hatton-Brown Publishers publishes *Timber Processing*, *Timber Harvesting*, *Southern Loggin' Times* and *Wood Bioenergy* magazines.

Rich Donnell, editor of *Panel World*, is the co-chairman of PELICE, and has written about the wood products industries for 26 years.

Donnell co-chairs PELICE with Fred Kurpiel, president of Georgia Research Institute, based in Atlanta. Kurpiel has worked in the forest products industry for 32 years, including roles in industrial sales, export management, marketing and machinery sales.

THE BIG 50!

Panel World magazine celebrates its 50th anniversary in 2010. It was started as *Plywood Magazine* in 1960 by Jim Burrell, based in Indianapolis, and financed by Review Publishing Co., which later merged with The Curtis Publishing Co. The

magazine's name was *Plywood & Panel* when Hatton-Brown Publishers, Inc. spearheaded the formation of Plywood and Panel World, Inc. and purchased the magazine, subsequently renaming it *Plywood & Panel World*. The word "Plywood" was eventually dropped from the title as it was somewhat redundant with the word "Panel" and the magazine began to emphasize coverage of all the various panel-board products.



NEW "BIO" WRINKLE

The first PELICE was held in 2008, also at the Omni Hotel in Atlanta. It included a pre-conference day, referred to as the Specialization Day, which focused on specific technologies in the panel industry.

The co-producers planned to have a similar pre-conference day again in 2010, but this time focusing on the emerging wood-to-energy industry, as there appeared to be much interest in the energy industry from the panel industry.

The planned pre-conference day on wood-to-energy soon

snowballed into something bigger, the first Bio-Energy, Fuels and Products Symposia & Expo.

You'll notice a somewhat new magazine, *Wood Bioenergy*, being passed out at this event. Hatton-Brown Publishers, Inc. created *Wood Bioenergy* magazine in 2009, and the two issues that were published had such tremendous success that four issues are planned for 2010, the first of which is being distributed at the Bio-Energy and PELICE events.



REGISTRATION

Attendees will pick up their registration packets at the official registration desk in the Omni Hotel lobby level in the South Tower. The packets include badges with the appropriate identifications and tickets to the food functions, along with a list of attendees.

DIEFFENBACHER

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As in 2008, the show producers wish to thank Dieffenbacher for sponsoring the official attendee badges along with *Panel World* magazine. German-based Dieffenbacher is an international manufacturer and supplier of a complete range of machinery and technologies for the composite board, engineered wood products and wood bioenergy industries.

BETTER LAYOUT

The 2008 PELICE had only one small glitch, according to a participants' survey: too spread out! In 2008, exhibitors could be found in the South Tower lower exhibit hall as well as three floors up at the Atrium Terrace, while the conference sessions took place across the way in the North Tower's Grand Ballroom.

PELICE producers immediately fixed that problem, and this time all of the exhibits are in the North Tower Grand Ballroom, immediately adjacent the conference meeting rooms. The North Tower Grand Ballroom is literally a walkway away from the event registration desk in the South Tower hotel lobby.

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PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO

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February 4-6, 2010 • Omni Hotel at CNN Center • Atlanta, GA, USA

Thursday, February 4

CONFERENCE OPENING KEYNOTE ADDRESSES

(Grand Ballroom North)
5:30-6:25 p.m.

5:35-5:55 How Energy Is Driving the Global Forest Products Equipment Market
—Anders Gustafson, CEO, BRUKS AB

6-6:20 The Way Forward: The Outlook for Engineered Lumber Products in 2010 and Beyond
—Art Schmon, Partner, Engineered Lumber, Forest Economic Advisors, LLC

6:30-8:30 Exhibitors Appetizer Meet & Greet

Friday, February 5

BREAKFAST WITH EXHIBITORS

(Grand Ballroom North)
6:30-7:50 a.m.

GENERAL SESSION

(Grand Ballroom North)
8-9:45 a.m.

(Moderated by Dick Baldwin, Managing Partner, Oak Creek Investments)

8:05-8:25 What It May Take
—John Godfrey, Principal, ForesTech, LLC

8:30-8:50 Capital—Human and Financial Are Key to Private Company Success in a Challenging Economy
—Daniel Cromie, Partner, Atlas Holdings LLC

8:55-9:15 Arauco's Environmental Commitment
—Scott Wiles, Business Unit Manager—Panels Division, Arauco Wood Products

9:20-9:40 Doing Business in Radically Different Times: A Bonding and Surfacing Provider's Perspective
—Claudio D'Ambrosio, President and CEO, Arclin

BREAK WITH EXHIBITORS

(Grand Ballroom North)
9:45-10:10 a.m.

CONCURRENT SESSIONS

(Grand Ballrooms North A-B-C)

RESINS & ADHESIVES

(Moderated by Dr. Eddie Price, Director of Wood Products Technical Services, Georgia-Pacific Wood Products)

10:20-10:40 The Use of MDI Binder to Meet CARB Phase 2 for Particleboard and MDF

—David Baily, Market Manager, Composite Products, Bayer Material Science

10:45-11:05 Introducing Liquid Extruded Glue, the Latest in Glue Extrusion
—Andre Klemarewski, LVL Technology Manager, Raute North America

11:10-11:30 Impact of Green Building on Wood Adhesives
—Ashlee Cribb, Market Manager, G-P Chemicals,

11:35-11:55 Resin and Process Technologies to Meet the Most Stringent Emissions Requirements
—Tom Holloway, Technical Director, Interior & Decorative Products, Arclin

12-12:10 Adhesives Application Using Soy Protein and Oil
—Connie Howe, Polymer Science Consultant, Omni Tech International

EMERGING ISSUES FOR ENGINEERED WOOD PRODUCTS & PANEL MANUFACTURERS

PART ONE: MANUFACTURING AND CODE CONSIDERATIONS
(Moderated By Steve Winistorfer, Chairman and CEO, TECO)

10:20-10:40 Fact and Fiction of Moisture Dynamics in the Modern, Energy Efficient Home
—Sam Glass, Research Scientist, USDS FS Forest Products Lab,

10:45-11:05 How Complying with CARB Formaldehyde Emission Regulations Impacts Composite Wood Efficiency and Cost
—David Harmon, North American Technical Manager, Hexion Specialty Chemicals

11:10-11:30 The Lacey Act: What You Need to Know to Avoid Penalties and Government Forfeiture
—Gregory McCue, Attorney-At-Law, Steptoe & Johnson LLP

11:35-11:55 Update on Structural Panel Standards
—Richard Bower, Certification Supervisor, TECO

STRUCTURAL PRODUCTS, TECHNOLOGIES & ISSUES

(Moderated By Walter Jarck, Co-Founder, TimTek)

10:20-10:40 Wood Products: Giving Builders What They Need
—Dr. Al Landers, Vice President of Research and Development, Huber Engineered Woods

10:45-11:05 Yield: Misunderstood, Misstated, Misinterpreted...and Important
—David Parker, President & CEO, StrongWood Technologies

11:10-11:30 Launching Laminated Strand Lumber
—Brian Luoma, VP, Engineered Wood Products, Louisiana-Pacific Corp.

11:35-11:55 Challenges and Opportunities in Bringing Engineered Lumber Technologies to Malaysia

—Dató Dr. Marzalina M., Project Director, Forest Research Institute Malaysia (FRIM)
—Dr. Wan Tarmez W.A., Forest Research Institute Malaysia (FRIM)
—Muhammad Ridzuan, CEO, Blue Mountain Resources

LUNCH AND LEARN (International Ballroom)

12:10-1:30
(Introduction by Michael Blosser, Vice President, Environment, Health & Safety, Louisiana-Pacific Corp.)

The Road to Stewardship on Formaldehyde: How Unlikely Partners Are Forging A New Approach to Regulation, and Why It Matters
—Tom Julia, President, Composite Panel Assn.

On the Economic, Political and Business Climate
—Roger Tutterow, Professor of Economics, Mercer University

AFTER LUNCH WITH EXHIBITORS (Grand Ballroom North)

CONCURRENT SESSIONS)
(Grand Ballrooms North A-B-C)

EMERGING ISSUES FOR ENGINEERED WOOD PRODUCTS & PANEL MANUFACTURERS

PART TWO: MARKET CONSIDERATIONS
(Moderated By Steve Winistorfer, Chairman and CEO, TECO)

2:50-3:10 EPA Update: Will California's Formaldehyde Emission Standards for Composite Wood Products Become a U.S. Standard?

—Environmental Protection Agency speaker to be announced

3:15-3:35 Benefits and Applications of OSB with Radiant Barrier
—Pete Walker, Product Manager, Grant Forest Products

3:40-4:00 Opportunities and Challenges for Engineered Wood Products in European Markets
—Mark Salt, Commercial Director, BM TRADA

4:05-4:25 Acceptance of the NAHB National Green Building Standard and Certification Program

—Robert Hill, Director of Laboratory and Certification Services, NAHB Research Center

ENERGY TO EMISSIONS

2:50-3:10 Innovative Emissions Management: A Case Study
—Paul Pickering, Engineering Specialist, Hunt, Guillot & Associates

3:15-3:35 Bioscrubbers—Environmentally Friendly and Cost Effective: A Report on Langboard's Solution to Achieve MACT Compliance Implementing Proven Technology
—Elwin Grassl, General Manager, Scheuch
—Tim Putala, Environmental Manager, Langboard, Inc.

3:40-4:00 Catalytic Gas Treatment Technology
—Edward Spink, CEO, TurboSonic

4:05-4:25 Membrane Wet ESPs—An Effective Add-On Control Technology for Incremental PM Control to Meet Boiler MACT
—John Caine, General Sales Manager, Southern Environmental

4:30-4:50 Minifog Water Mist Fire Protection Systems
—Ed Pridgen, Product Manager, Minifog

NON-STRUCTURAL PRODUCTS, TECHNOLOGIES & ISSUES

2:50-3:10 Impact of the Biomass Crop Assistance Program (BCAP) on Composite Panel Manufacturers
—Darrell Keeling, Vice President—Composite Manufacturing, Roseburg Forest Products

3:15-3:35 Utilizing Lower Quality Raw Material to Manufacture High Quality Wood Based Panels
—Louis Bork, Plant Manager, Armor-Panneaux

3:40-4:00 Building Sustainability
—Michael Blosser, Vice President, Environment, Health & Safety, Louisiana-Pacific Corp.

4:05-4:25 Improving Performance Without Capital: A Panel Mill Case Study
—David Jesseau, Director, Pöyry Forest Industry Consulting
—Scott Manion, Project Manager, Pöyry Forest Industry Consulting

4:30-4:50 Controlling the Surface Quality of the Final Product
—Bill Wall, Genesis Systems

PANEL WORLD RECEPTION
(Atrium Level)
6-8 p.m.



PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO

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Saturday, February 6

BREAKFAST WITH EXHIBITORS

(Grand Ballroom North)

6:30-7:50 a.m.

GENERAL SESSION

(Grand Ballroom North)

8-9:45 a.m.

(Moderated by Tom Wilson, Manager of Field Services, Hardwood and Plywood Veneer Assn.)

8:05-8:25 Sustainability, Green, Market Rebound

—Tanis Marquette, Manager of Technical Market Compliance, Hexion Specialty Chemicals

8:30-8:50 Career Management: Your Company's and Your Own

—Douglas Reiter, President, The Douglas Reiter Company

8:55-9:15 What You Always Wanted to Know About Sales Timing, But Were Afraid to Ask

—Jim Davis, President, Davis & Associates,

9:20-9:40 Making the Most from Non-Traditional Veneer Species

—Stuart Clarke, President, Clarke Veneers

BREAK WITH EXHIBITORS

(Grand Ballroom North)

9:45-10:10

CONCURRENT SESSIONS

(Grand Ballrooms North A-B-C)

ENERGY TO EMISSIONS

10:20-10:40 Climate Change Policy: Federal Developments on Cap and Trade Legislation, and CO2 Regulation

—Aimee Andrews, Managing Consultant, Trinity Consultants

10:45-11:05 Materials of Construction for RTOs in the Engineered Wood Products and Bio Energy Markets

—Jim Cash, Senior Product Engineer, Megtec Systems

11:10-11:30 Selecting VOC Treatment Systems for the Wood Panel Industry Based on Environmental Impact

—Dr. Rakesh Govind, President, PRD Tech, Inc.

11:35-11:55 Eight Bio-Oxidation Solutions for Meeting the PCWP/MACT

—James Boswell, Senior Scientist, BioReaction Industries

12-12:20 Relocation of Used Biomass Energy Plant and Adaption for Use in Sawmill and Pellet Making

—Tom Wechsler, President, Wechsler Engineering and Consulting, Inc.,

STRUCTURAL PRODUCTS, TECHNOLOGIES & ISSUES

(Moderated by Francis Eck, Vice President & General Manager, Plywood Group, Hood Industries)

10:20-10:40 Light Transmission Method of Green Veneer Moisture Sorting

—Brian Martin, General Manager, Westmill Machine & Automation,

10:45-11:05 Hands-Off Production Technology

—Peter Gibson, Technology Director, Raute Canada

11:10-11:30 Technologies that Improve Manufacturing Processes and Create Additional Value in the Wood Panel Industry

—Juan Flores, Director of Sales-North America, Biele Group

11:35-11:55 Oil Palm, A Sustainable Source of Raw Material as Well as Energy for the Panel Industry

—Manojit Das, Manager R&D, Samling Plywood Sdn Bhd,

12-12:20 Putting The Wood Into Non-Residential Construction

—Patrick Schleisman, Regional Director, WoodWorks Southeast

NON-STRUCTURAL PRODUCTS, TECHNOLOGIES & ISSUES

10:20-10:40 Wood Fiber Insulation Boards

—Cole Martin, Sales Manager, Dieffenbacher

10:45-11:05 Digital Printing: Coating Technologies on the Verge of A Revolution

—Dr. Sascha Bernhardt, VP, Hymmen North America

11:10-11:30 Lightweight Panel Technology and Why Your Company Should Be Using/Producing

—Ken McFadden, Product Manager, Stiles Machinery

11:35-11:55 A Carbon Neutral Technology: The Cold Process-Rigid Vinyl Plant for Wood Composite Panel Components

—Wayne Miller, President and CFO, Madillste Group International
—Dominique Janssens, Technical Director, Madillste Group International

12-12:20 What New Technology Is Available for A Better Mark Appearance on Finished Products

—Donna Meade, Product Manager, Mathews Marking Products

BOX LUNCH WITH EXHIBITORS
(Grand Ballroom North)

EXHIBITS CLOSE



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February 4, 2010 • Omni Hotel at CNN Center • Atlanta, GA, USA

Thursday, February 4 (Atrium Level)

GENERAL SESSION 8-9:40

(Introduction and Moderated by Jill Stuckey, Director of the Center of Innovation for Energy, Georgia Environmental Facilities Authority)

8:10-8:35 Sustainability of Forest Biomass: What's Demand Got to Do With It?
—Brooks Mendell, President, Forisk Consulting

8:40-9:05 Harvesting the Energy Potential of Crop Residues and Creating Sustainable Local Rural Economy
—Vivek Rastogi, Head—International Business Development, ABELLON CleanEnergy Ltd.

9:10-9:35 Dedicated Energy Crops as a Feedstock for Bioenergy
—Saritha Peruri, Manager of Business Development, Ceres

EXHIBITS OPEN ALL DAY BREAK WITH EXHIBITORS 9:45-10:25

CONCURRENT SESSIONS

RAW MATERIAL, PRODUCT & MARKET DEVELOPMENTS
(Moderated by Johnny Leggett, Project Manager, Hunt, Guillot & Associates)

10:30-10:55 Biomass Harvesting
—Mike Collins, President, M.W. Collins, Inc.

11-11:25 Experience with the Development and Exploitation of International Markets for Wood Pellets
—Valery Detzel, Head of Procurement, GEE Energy GmbH

11:30-11:55 Biomass Facility Feasibility Analysis
—Johnny Leggett, Project Manager, Hunt, Guillot & Associates

BIO-PROCESS TECHNOLOGIES
(Moderated by Ken Muehlenfeld, Director, Forest Products Development Center, Auburn University)

10:30-10:55 Turnkey Pellet Plants and Process Technology Systems
—Bernard O'Connor, Vice President—North America, Andritz

11-11:25 The Rationale Behind Biomass Handling System Designs—North American Case Studies
—Desmond Smith, Vice President, BRUKS Rockwood

11:30-11:55 The Challenges of Wood Pelleting—Come On In, The Water's Fine
—Harold Arnold, President, Fram Renewable Fuels

BIO-ENERGY LUNCH RECEPTION WITH SPEAKERS 12:05-1:30

(Introduction by Bill Pennington, Associate, Processes Unlimited International)

12:25-12:50 Co-Firing and Repowering with Biomass for Electric Power Generation
—Greg Heck, Senior Research Engineer, Southern Company

12:55-1:20 Oglethorpe Power Corporation's Biomass Project Development Overview
—Richard Clark, New Technologies Manager, Oglethorpe Power Corp.

EXHIBITS REMAIN OPEN

CONCURRENT SESSIONS

RAW MATERIAL, PRODUCT & MARKET DEVELOPMENTS
(Moderated by Richard James, Vice President—Forest Products, Casey Industrial)

2-2:25 Dryers For Pellets
—Andriano Stocco, President, Instalmec
—Sergio Ippoliti, International Sales, Instalmec

2:30-2:55 Biomass Fuel Quality Testing
—Steve Lagro, Laboratory Manager, Minnesota Valley Testing Laboratories, Inc.

3-3:25 Integrating Torrefaction into Traditional Wood Pellet Operations and Markets
—Walt Dickinson III, President, Integro Earth Fuels

BIO-PROCESS TECHNOLOGIES
(Introduction and Moderated by Mark Kessler, Eastern Regional Sales Manager, Laidig)

2-2:25 A Review of Different Drying Techniques for Wood Chips
—Andrew Johnson, Vice President, TSI

2:30-2:55 The State of the Art Wood Pellet Production Plant
—Guenter Natus, Sales Director North America, Dieffenbacher

3-3:25 Developments in the Combustion and Drying of Biomass Material
—Dirk Koltze, Executive Vice President, Siempelkamp LP

3:30-3:50 Ultra High Efficiency Cyclones for Wood Pellet Product Recovery
—Eugene Peete, Jr., Regional Sales Manager, Fisher Klosterman

EXHIBITS REMAIN OPEN

CONCURRENT SESSIONS

RAW MATERIAL, PRODUCT & MARKET DEVELOPMENTS
(Moderated by Steven Taylor, Professor and Head, The Dept. of Biosystems Engineering; Director, Auburn University Center for Bioenergy and Bioproducts)

3:55-4:20 Wood Fuel Pellet Manufacturing: Technology Development for Varied Raw Material Sources
—Derek Templeton, Senior Consultant, Pöyry Forest Industry Consulting

4:25-4:50 Briquetting: The Industrial Alternative to Pellets
—Michael Jungblut, Product Specialist, Stiles Machinery

BIO-PROCESS TECHNOLOGIES

3:55-4:20 Boiler Systems for a Range of Raw Materials
—Bob Rice, President, Biofuel Boiler Technologies

4:25-4:50 Renewable Fuels—Wood Torrefaction
—Rodney Schwartz, Business Director, Megtec Inc.

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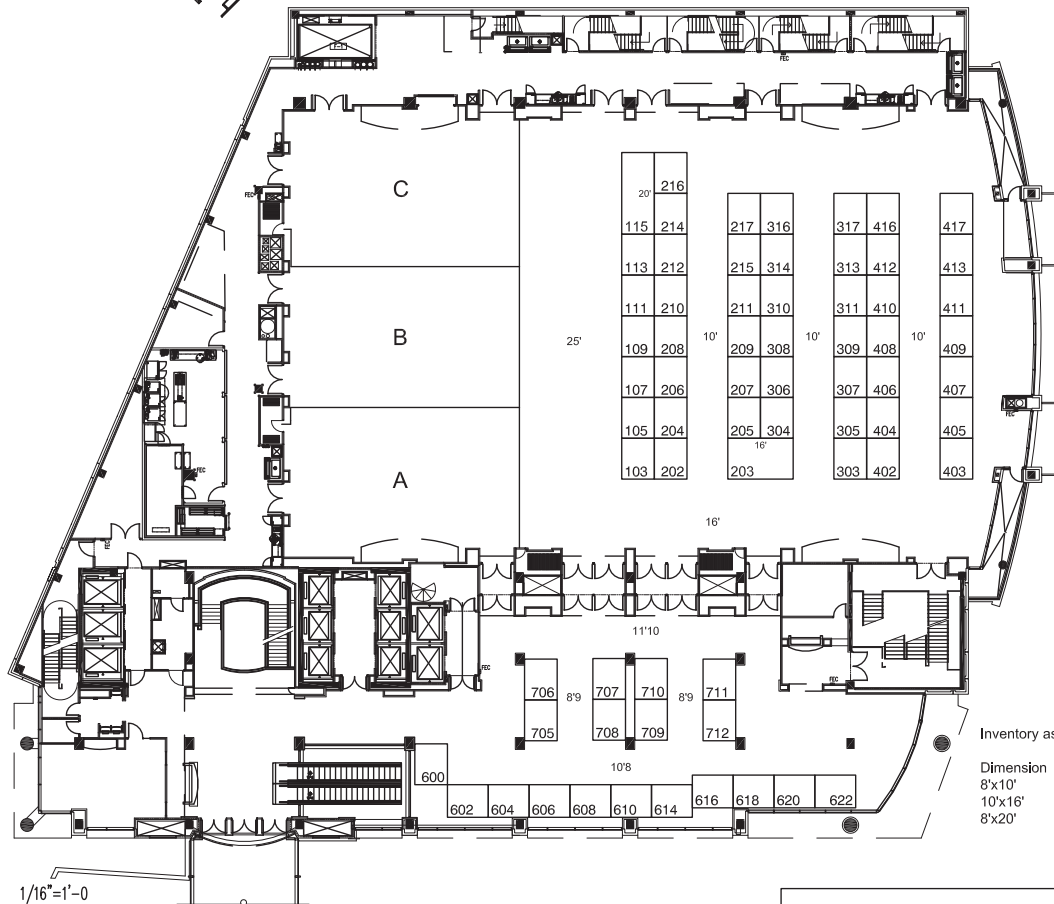
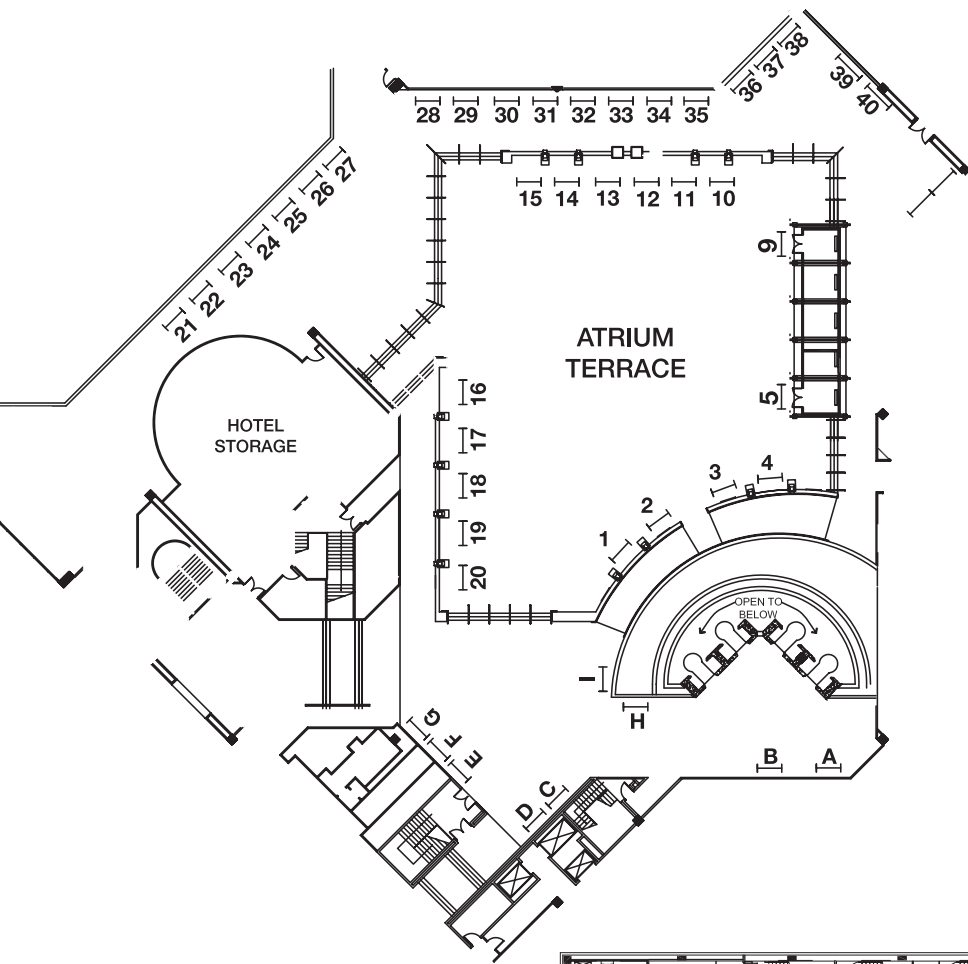
WPS Industries Group G

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T19

West Salem Machinery
T26

Wood Bioenergy Magazine B

Yancey Brothers
T37



Inventory as of 01/22/2010

Dimension	Size	Qty	SqFt
8'x10'	80	66	5,280
10'x16'	160	1	160
8'x20'	160	1	160

Totals: 68 5,600



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