THE RESOURCE FOR THE CEILINGS & INTERIOR SYSTEMS CONSTRUCTION INDUSTRY

ACOUSTICAL INTERIOR CONSTRUCTION

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APRIL-JUNE 2019

CISCA
Ceilings & Interior Systems Construction Association

CISCA CONVENTION 2019: AN ACTION-PACKED WEEK

ALSO INSIDE

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Ceiling Solution
Spotlight #3 & #4

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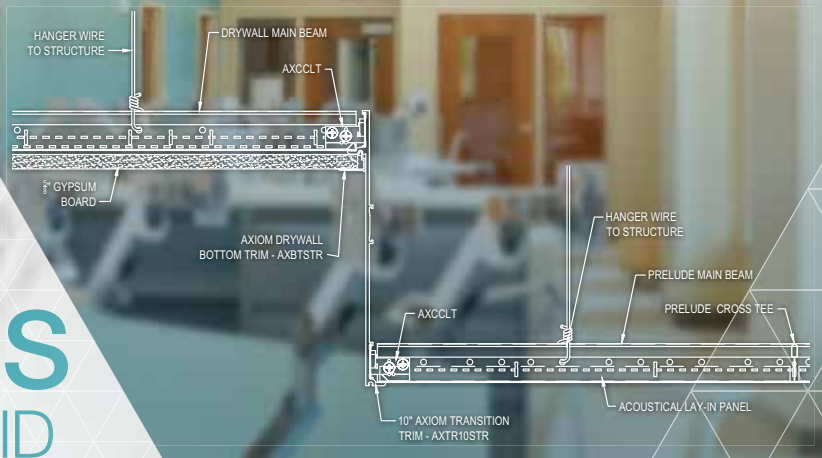
WITH DRYWALL GRID



Axiom® Transitions simplify and speed up installations through modular solutions that eliminate vertical framing to structure and reduce trade coordination. Designed for acoustical-to-acoustical, acoustical-to-drywall, drywall-to-drywall, and drywall-to-acoustical transitions. Select from 1", 2", 4", 6", 8", and 10" height transitions for straight, curved, and flush installs. Learn more about this crisp edge detail at armstrongceilings.com/transitions

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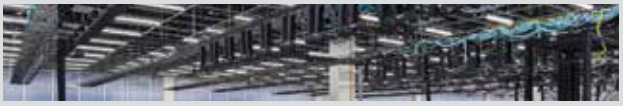

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Acoustical Interior Construction
APRIL-JUNE 2019

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Ceilings & Interior Systems Construction Association
1010 Jorie Blvd, Suite 30
Oak Brook, IL 60523
630.584.1919
Fax: 866.560.8537
www.cisca.org

Executive Director
Shirley Wodynski

Published by:
NAYLOR ASSOCIATION SOLUTIONS

5950 NW 1st Place
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800.369.6220
Fax: 352.331.3525
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Group Publisher
Troy Woodham

Content Strategist
John McCurdy

Sales Manager
John Esbenshade

Marketing
Summer Lin

Advertising Sales Director
Ken Kepler

Project Coordinator
Cindy Samons

Layout & Design
Pankaj Kumar Bharti

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ACOUSTICAL MATERIAL SERVICE 50 YEARS IN BUSINESS

AMS was founded by Max Gondon and Don Shuller in July 1969, starting out distributing wire for suspending ceilings. Several customers that supported AMS in the beginning, are still supporting us today, some recall max personally delivering wires to their jobsites. With locations in Commerce (LA), San Diego and Hawaii, Max and Don sought out the opportunity to becoming the Armstrong distributor in 1972, where by they hired the best of outside salespeople in the market; Jerry Marcoly and Led Fortini...both icons in this industry.

In 1986, Max bought the company, becoming the sole owner with large growth in mind. In doing so AMS expanded it's product offerings; drywall, steel framing, doors, frames and hardware. Shortly after that AMS opened new locations in San Bernardino and Anaheim. Max opened Van Nuys, CA 2000 and purchased GB Supply, Las Vegas, NV. In 1997, AMS purchased Mac Building Materials in San Jose, a distributor of drywall products and quickly obtained the Armstrong line exclusively enabling AMS to continue expansion plans in Northern California. We were fortunate to hire an icon in the ceilings industry; Bettie Donate who worked for Acousti-lite, which had the Armstrong line for many years, in Northern California. In 1998, AMS Greenfield San Leandro, in 2000 purchased Rugby Sacramento and in 2001 AMS Greenfield in Reno, Nevada.

AMS has many employees well over 20 years and our longest tenure being 47 years, Eliseo Galindo another icon who is still working at AMS today. The foundation that Max Gondon and Don Shuller established is still with us....We strive for change and challenge...our employees are what makes AMS great and because of the many employees tenure, we have become a family. Just a humorous point about Max; his greetings were not of the usual; his greets would make you wonder; "Is he mad at me?" He always kept you on your toes and had a special ability to identify the skills in person and utilize them at there maximum capabilities. Max was the kindest most giving person....

The legacy that Max Gondon left behind, establishing the best in building materials distribution, and the many opportunities that were provided to the AMS families, will always endure in our memories for years to come. "To the Max"!

AMS
A Beacon Roofing Supply Company

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PRESIDENT'S MESSAGE

As the speed of change becomes more rapid, the education and networking we receive from CISCA become more critical.

BY GARRETT LARSON, GOLDEN VALLEY SUPPLY CO., 2018-2019 PRESIDENT

Thank you all for another great convention. The 64th Annual CISCA Convention started with an opening reception on the National Harbor pier. Although we weren't admiring the acoustical ceilings above our heads, members enjoyed the spring weather and opportunity to reconnect with CISCA friends. Maryland was a gorgeous area of the country to celebrate our achievements this year. Thank you to all who attended and those who helped make this convention a success!

Education was well-received, giving us the tools to attract top talent through the significance of culture, coach to achieve greatness and facilitate the "Best Meeting Ever!" On day two, a packed room learned how to be persuasive, convincing others to do what we want as well as how to handle tough conversations and conflict. Along with these relevant topics, each membership category was given the opportunity to host their annual meetings. This year we added the annual contractor meeting. The meeting was well-attended, structured and received great participation from those involved. This is a must-attend event for contractors at the 2020 Convention in Vegas!

Such excitement for the Emerging Leaders (EL) program this year! It was encouraging to see the strong presence of EL at the awards dinner and throughout the convention. CISCA has received positive feedback on the value the four-year program brings to future leaders in your organizations. Well done to all those participating in the program and contributing their time this year. Enroll your talent today so they don't miss out on sharing experiences with peers and advancing their skills and understanding of the industry. Contact the CISCA staff or visit cisca.org for more information or to enroll.

The CISCA 365 app was unveiled just in time for the convention this year. The response was great, and many have provided their input on how it could best be used to provide value not only during the convention but throughout the year as well.

Our industry is changing rapidly both in opportunity and in challenges. Immersive technology, evolving architectural communities, creative product offerings and process automation offer exciting opportunities to solve challenges in labor shortage, loss of experience and expertise as members retire and open plenum designs. As the speed of change becomes more rapid, the education and networking we receive from CISCA become more critical. What we do with that education to further the conversation and develop the conceptualizations the industry discusses will be the double-shot mocha Frappucino that gets us up in the morning. Current Hot Topics are now being discussed through CISCA 365, so hop on the app and be part of the discussion!

The board, staff and many volunteers who serve on councils and task forces continue to innovate ways to bring and sustain the value of CISCA membership. We appreciate you!

Best wishes to all for a successful summer season!

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CISCA STATEMENT

CORE PURPOSE

CISCA exists to provide the acoustical ceiling and wall systems industry with 24/7/365 expertise via diverse and state-of-the-art communication channels, interactive opportunities and regional and national events.

VISION

CISCA is the global premier authority for the interior construction and acoustical ceilings industry. CISCA fosters and enables professional development and exchanges for and between association members and industry professionals.

MISSION

Identify and address trends, diversity and growth of the industry and its members.

Communicate CISCA's vision to all members while fostering excitement and enthusiasm for a transformative, modern association experience. Offer a variety of collaboration and networking opportunities that will attract all CISCA audiences.

Create a structure within CISCA built on easy communication, visibility and accountability that allows volunteers and members to easily connect with the value of the association. Achieve standards of administration which are commensurate with the association's vision and focus on ensuring a positive experience for its volunteers.

Create modern two-way communication between CISCA audiences and the expertise of CISCA's members. Communication should be focused on education, current trends and the member knowledge base. Determine the next steps that allow CISCA to remain the authority in specialty interiors and acoustical ceilings using a modern mode of communication.

CISCA's 2019 Construction Excellence Awards

123DARTIST/SHUTTERSTOCK.COM

WINNERS

CONTRACTOR — RETAIL — UNDER 50,000 SQUARE FEET — WEST REGION

GOLD AWARD

2100 Welton, Denver, CO

HEARTLAND ACOUSTICS & INTERIORS

Other CISCA members involved:

- Western Interior Supply, Distributor
- USG Building Systems, Manufacturer
- Rulon International, Manufacturer
- Weitz Company General, Contractor
- D.L. Adams Associates, Acoustician
- RNL, Architect

Radiant at 21st and Welton is an 18-story, 486,000-square-foot mixed-use tower. The building includes 329 luxury apartments and 24 dedicated retail parking spaces in Denver's Arapahoe Square neighborhood and is just steps away from the RTD Lightrail stop at 20th and Welton. The project consists of over 24,000 square feet of USG ceiling grid and tile products throughout. The main focal point is over 11,000 square feet of Rulon linear open wood in a custom, multi-directional installation. Heartland Acoustics & Interiors is proud to have participated in a project that adds beauty and value to the Denver skyline.

CONTRACTOR — OFFICE — OVER 50,000 SQUARE FEET — EAST REGION

GOLD AWARD

Capitol One Block B, McLean, VA

C. J. COAKLEY CO., INC.

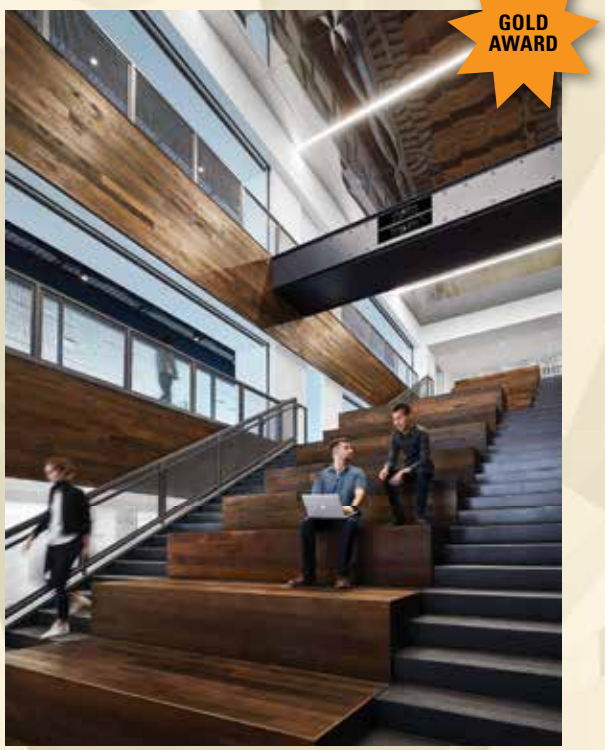
Other CISCA members involved:

- Kamco Building Supply, Distributor
- Building Specialties, Distributor
- Capitol Building Supply (GMS), Distributor
- Armstrong Ceiling Solutions, Manufacturer
- Decoustics, Manufacturer
- USG Building Systems, Manufacturer

Our work involved building multilayer drywall partitions between offices for sound proofing; wide drywall soffits with coves along the fronts of the offices; sloped and radiused perimeter soffits; USG Mars acoustical ceiling panels in Identitee; metal tin ceilings by American Tin Ceilings; Armstrong Vector Tile; Decoustics Claro plank ceiling panels on every floor, and Decoustics Solo-M wood ceiling panels on the 19th floor. In addition to these expansive and diverse ceiling geometries, we had to overcome the challenge of the Zipper Panels. We worked directly with the architect and the general contractor to come up with a design that we could build. Ultimately, we ended up with our own fabrication. The design required a bespoke geometric feature that was derived from a binary randomized pattern. Each wall has its own unique fingerprint and makes this feature wall entirely unique.

CONTRACTOR — OFFICE — UNDER 50,000 SQUARE FEET — EAST REGION

Chicago Tribune, Chicago, IL



E&K OF CHICAGO

Other CISCA members involved:

- Hunter Douglas Architectural Products, Manufacturer
- Turf Design, Manufacturer
- Armstrong Ceiling Solutions, Manufacturer
- Mau, Inc., Independent Manufacturer's Representative

The Prudential Plaza is one of the most iconic and historic buildings in Chicago. The building recently added one of the most recognized daily newspaper companies, The Chicago Tribune. Their office features beautiful custom ceilings that spark your attention the second you enter. This project was designed by East Lake Studio and built by Executive Construction, Inc.

CONTRACTOR — OFFICE — OVER 50,000 SQUARE FEET — WEST REGION

Dell RR-1, Round Rock, TX

HEARTLAND ACOUSTICS & INTERIORS

Other CISCA members involved:

- L&W Supply, Distributor
- Builders Gypsum Supply, Distributor
- Specified., Independent Manufacturer's Representative
- Armstrong Ceiling Solutions, Manufacturer
- USG/Ceilings Plus, Manufacturer
- Novo Construction, General Contractor
- CTA Architects Engineers, Architect

Dell Computers stripped back their building to its concrete bones and overhauled the interiors to make an innovative 21st-century office space model. A few of the renovations included several intricate systems, such as diamond-shaped Armstrong WoodWorks Grille ceiling clouds and Ceilings Plus Barz Sarante wood-look metal ceiling. Along with these systems were several thousand square feet of Hunter Douglas Heartfelt ceilings and linear metal box systems. Despite the aggressive schedule, Heartland Acoustics & Interiors remained diligent at making safety a number one priority and completed the project with zero safety incidents. Heartland Acoustics & Interiors takes great pride in being part of a project that not only added aesthetic and acoustical value to the space, but will also set the standard for Dell Computers' offices.

CONTRACTOR — EDUCATION — OVER 50,000 SQUARE FEET — EAST REGION

Klarman Hall, Boston, MA

CENTRAL CEILINGS, INC.

Other CISCA members involved:

- USG/Ceilings Plus, Manufacturer
- Walsh Brothers, Inc., General Contractor
- William Rawn, Architect
- Threshold Acoustics, LLC Acoustician

Central Ceilings used cutting-edge technology and over 55 years of experience to tackle their most demanding project to date. Klarman Hall is a landmark performance center for the Harvard Business School. The building lives up to the institution's pedigree in every way. Walsh Brothers, Inc. contracted Central Ceilings, Inc. to furnish and install the acoustic ceilings and drywall, including the Ceilings Plus metal ceiling system inside the performance hall.

CONTRACTOR — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

Monticello Library, Shawnee, KS

E & K OF KANSAS CITY, INC.

Other CISCA members involved:

- Armstrong Ceiling Solutions, Manufacturer
- Fellert North America, Inc., Manufacturer
- FBM, Distributor
- CertianTeed Ceilings, Manufacturer
- McCown Gordon Construction, General Contractor
- The Clark Enersen Partners, Architect

The New Monticello Library in Shawnee, Kansas, was designed by The Clark Enersen Partners. E&K worked closely with McCown Gordon Construction throughout the construction process. This two-story, 33,000-square-foot building was constructed with a unique design that included acoustical plaster manufactured by Fellert and acoustical and wood ceilings manufactured by Armstrong, as well as several details that integrated many aesthetically appealing characteristics. The purpose of this public library is to provide resources and services in a variety of media to meet the needs of individuals and groups for education, information and personal development including recreation and leisure.

CONTRACTOR — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

Museum of the Bible, Washington, DC

MANGANARO MIDATLANTIC, LLC

Manganaro Midatlantic, LLC was contracted to furnish and install the drywall and acoustical ceiling scope of work in the 430,000-square-foot Museum of the Bible in Washington, D.C. The two main goals for the work were to minimize and control sound throughout the facility and to provide a memorable and unique facility to delight visitors. Our professionals met these goals with a combination of tried and true methods and never-before-used approaches to the construction of the interior space. Sound control was addressed with the use of thousands of spring-isolation hangers, fabric-wrapped acoustical panels, acoustical plaster and custom, sound-absorbing ceiling materials. Construction of the unique walls and ceilings of the theater space forced our project team to think outside the box and create a new method of pre-fabricating the drywall and metal stud assemblies for the free-form ceilings. The final result is a performance space unlike any other.

CONTRACTOR — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Northern Kentucky University – Health Innovation, Highland Heights, KY

VALLEY INTERIOR SYSTEMS

Other CISCA members involved:

- Interior Supply, Inc., Distributor
- Gordon Incorporated, Manufacturer
- Hunter Douglas Architectural, Manufacturer
- Armstrong Ceiling Solutions, Manufacturer
- Novawall Systems, Inc., Manufacturer
- Turner Construction, General Contractor
- The Sextant Group, Acoustician
- AOR/Design Arch/Interior Design, Co-Architect
- GBBN Architects, Co-Architect

The Northern Kentucky University – Health Innovation Center is a state-of-the-art facility that is changing the way we experience health education. A Hunter Douglas Torsion Spring metal ceiling system greets you at the pavilion entrance and transcends the glass curtain wall into a portion of the grand lobby. A plethora of custom-size Armstrong Optima ceiling tiles adjacent fill the balance of the lobby space. Gordon Incorporated provided 50 unique full-height aluminum column covers that extend throughout the entire project footprint. Spread throughout various classroom spaces, you will find six different colors of the NovaWall stretch fabric-wrapped fiberglass wall panels. With Valley Interior Systems as the contractor and Interior Supply distributing the bulk of the materials, this project was comprised of six CISCA members coming together to create a masterpiece.

CONTRACTOR — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

Orlando International Airport South – Airport Automated People Mover (APM) Complex, Orlando, FL

KENPAT

Other CISCA members involved:

Hensel Phelps Construction Company, General Contractor

HKS Architects, Inc., Architect

The Orlando International Airport South Airport Automated People Mover (APM) complex, a 200,000-square-foot facility, includes the station for the APM system that connects passengers to the Main Terminal. This building supports rail, bus and taxi access to the APM. General contractor Hensel Phelps Construction Company hired KENPAT to install the ceilings for the APM facility. The completed project exhibits a tremendous attention to detail in a very open area that required precise alignment of all materials to ensure a strong, cohesive appearance representative of the best in construction excellence.

INDEPENDENT MANUFACTURER'S REPRESENTATIVE — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

The Pavilion at Grace Episcopal Church, Providence, RI

SHANNON CORPORATION

Other CISCA members involved:

Gordon, Inc., Manufacturer

Bowerman Associates, General Contractor

Centerbrook, Architect

Grace Episcopal Church in Providence, Rhode Island, is a gothic revival church designed in 1844 by Richard Upjohn, the foremost architect of the time. This historic church is listed in the National Register of Historic Places as the first asymmetrical gothic revival church in America. When the Pavilion was in the design stages, creating the same character in the new addition while changing to a deliberately modern, art nouveau version of the gothic church was a concern of the church rector and staff. Design challenges were overcome when a unique ceiling system solution provided by Gordon Incorporated that would emulate the design inside the original church cathedral was proposed by the architect. This project has earned a 2018 International Awards Program for Religious Art and Architecture Design, honoring the best in architecture, liturgical design and art for religious spaces. The winners will be featured at the AIA Conference this year.

INDEPENDENT MANUFACTURER'S REPRESENTATIVE — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

TTC Highway 407 Station, Toronto, ON, Canada

SOUND SOLUTIONS INC.

Other CISCA members involved:

Gordon, Inc., Manufacturer
OHL Canada / FCC Limited Partnership, General Contractor
AECOM, Architect

Shaped like the bridge of the Enterprise in *Star Trek: The Next Generation*, the new TTC 407 Highway multi-transit station covering 100,000 square feet features 18-bay bus terminals above grade and four stories of subway service below grade. This suburban station is the first extension to the existing subway/transit line in 15 years and serves approximately 32,000 passengers a day. The architect, AECOM; the manufacturer, Gordon Incorporated; the independent manufacturer representative, Sound Solutions Inc.; and installing contractor, Capital Drywall Systems Ltd.; worked to collaborate as a team to achieve an envisioned complex yet elegant architectural design of custom, undulating ceilings, creating the appearance of a boomerang flying through the air.

MANUFACTURER — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

Atlanta Airport AMOD Airside Modification Project, Atlanta, GA

USG CEILINGS PLUS

Other CISCA members involved:

Marek Interior Systems, Contractor
JE Dunn Aviation, General Contractor
HKS Inc., Architect
Fitzgerald Collaborative, Architect

Challenge: Remove existing dated ACT ceiling system and replace it with a light-reflective, acoustic, fully functioning and accessible ceiling system – on 2,000,000 total square feet of the world's busiest airport – from 10:30 p.m. to 5:00 a.m., without closing a single gate. Recognizing that pre-engineering a system to address the aggressive schedule and field conditions was key to the award and eventual success of the project, our firm, in collaboration with the design firms, constructed over 4,400 square feet of pre-bid mockups at our facility – this collaboration eventually led to our award of all three phases of the project.

Project stats:

- Metal Ceilings: 750,000 square feet
- Metal Panels: 60,050
- Pounds of Aluminum Coil: 1,000,000-plus

According to Tyler Cline HKS vice president, "You nailed it; the lines and alignment of the Terminal B Midpoint ceiling systems are exactly how I envisioned them."

Challenge accepted.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — WEST REGION

Bill & Melinda Gates Center for Computer Science & Engineering at the University of Washington, Seattle, WA

RULON INTERNATIONAL

Other CISCA members involved:

Forrest Sound Products, Contractor

LMN, Architect

The beautiful new Bill & Melinda Gates Center for Computer Science & Engineering at the University of Washington was designed by LMN Architects. Rulon International provided a panelized linear open ceiling system, Aluratone 950 acoustical wood veneered panels and one-of-a-kind panelized linear open panels, designed for both ceiling and wall installation. The building's unique interior ceiling and wall designs are a perfect fit for Rulon's wood ceiling and wall panels. The installers, Forrest Sound Products, did an amazing installation and helped bring the designers' vision to life.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — WEST REGION

Charles Schwab Corporate Campus, Austin, TX

9WOOD

Other CISCA members involved:

DPR Construction, Contractor

Specified Interiors, Independent Manufacturer's Representative

Page, Architect

The Amenity Center and Building 2 at Charles Schwab's Gracy Farms campus in Austin, Texas, features 22,143 square feet of linear wood ceilings in multiple elevations and dimensions. The wood "softens the modern architectural forms," says the senior designer at Page, Austin, Texas. The ceilings contribute to "gracious and interconnected public spaces," the architect says. "They complement the unique natural features of the campus setting in an urban forest."

9Wood sourced and delivered the FSC certified wood for the ceilings. DPR Construction, Austin, Texas, installed them.

MANUFACTURER — HEALTHCARE — UNDER 50,000 SQUARE FEET — EAST REGION

Children's Healthcare of Atlanta Center for Advanced Pediatrics, Atlanta, GA

RULON INTERNATIONAL

Other CISCA members involved:

Stanley, Beaman and Sears, Architect

Children's Healthcare of Atlanta Center for Advanced Pediatrics features a beautifully designed interior, complete with Rulon International's custom Curvalon veneered curved panels, flat wood veneered panels and an Endure engineered polymer ceiling system. Eight different interior areas of the hospital, including the first-floor lobby and hallway, feature these systems. The architect of record was Stanley, Beaman and Sears, and the contractor for this project was Brasfield & Gorrie. The featured system for this installation is Rulon's Curvalon custom-curved panel layout. While these panels may appear three-dimensional in curvature, Rulon's engineering team designed a system that used only flat veneer panels cut to sequential shapes and configured to specific radii to achieve the design intent. Several coordination meetings between the architect Rulon and the installer helped facilitate a smooth process from design to implementation.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Harvard University Richard A. and Susan F. Smith Campus Center, Cambridge, MA

9WOOD

Other CISCA members involved:

Allan Construction, Contractor

The Richard A. and Susan F. Smith Campus Center at Harvard University, Cambridge, Mass., features an 18,075-square-foot crosspiece backer wood grille ceiling and wall system, which includes special wood grille access panels. The Smith Campus Center is a dream come true, according to Harvard University's new president. It's a common space where, she says, "people could bump into each other, share ideas and find spaces in which to have meetings." Hopkins Architects in London, England, and Bruner/Cott in Cambridge, Mass., served as executive architects for the project. 9Wood, Springfield, Ore., fabricated the ceilings and walls. Allan Construction, Inc., Salem, N.H., was the subcontractor.

MANUFACTURER — RETAIL — UNDER 50,000 SQUARE FEET — WEST REGION

Hillsdale Shopping Center, San Mateo, CA

USG/CEILINGS PLUS

Other CISCA members involved:

Elljay Acoustics, Contractor

CW Driver, General Contractor

ELS Architecture, Architect

There were multiple challenges manufacturing the ceilings and columns panels for the Hillsdale Shopping Center project. This project was divided in five different areas exploring different products and concepts, from folded ceilings to linear and flat systems and exteriors with integrated lighting, all enhanced by the columns unique system and design.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

Hyatt Regency Seattle, Seattle, WA

9WOOD

Other CISCA members involved:

Performance Contracting, Inc., Installing Contractor

LMN, Architect

A civic scale building with rigorous order, the Hyatt Regency Seattle shares a downtown skyline with many other buildings but retains a human scale. The ballroom/pre-function spaces feature custom linear wood ceilings and wall panels designed and fabricated by 9Wood. The woven forms and varying surface colors of the linear wood convey a "wood basket-like texture," says the architect at LMN, Seattle. Performance Contracting, Inc., Seattle, handled the installation.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

Multifunctional Ceiling Pods, Toronto, ON, Canada

GOLD AWARD

FORMGLAS PRODUCTS LTD.

Other CISCA members involved:

PCL Constructors Canada Inc., General Contractor

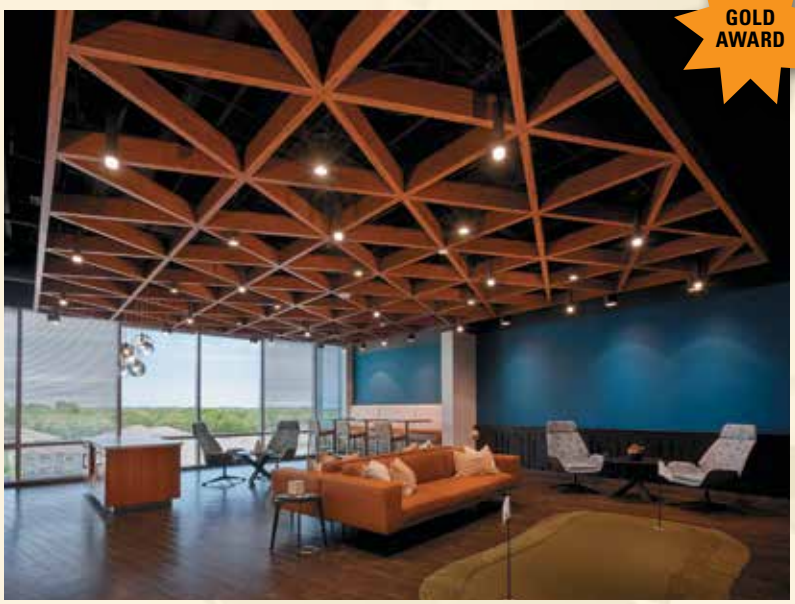
Partisans Architects, Architect

Formglas collaborated closely with Partisans to create multifunctional ceiling pods of two sizes, approximately 8′ and 4 1/2′ diameters, serving as decorative ceiling elements which distribute air and reflect illumination from concealed LED light sources. Audio devices were also incorporated to create the PA system, and sprinklers penetrate an opening in the center of the pod. The process involved creating 3D models used in simulations for airflow and light reflection. Full-scale mock-ups were lab-tested to ensure that the objects functioned as required. Pods were fabricated in two sections and factory assembled and painted. Each pod had to be raised into position threading a pre-connected sprinkler pipe through a sleeve built into the pod. The pods are not symmetrical in shape, but the sprinkler locations and air feeds were fixed, causing the pods to be oriented to the direction of the air supply in each case.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET – EAST REGION

NN Inc. Executive Lounge, Charlotte, NC

GOLD AWARD



ARMSTRONG CEILING SOLUTIONS

Other CISCA members involved:

Acousti Engineering Company of Florida, Contractor

IA Interior Architects, Architect

A unique 620-square-foot custom ceiling is an immediate showstopper upon entry into the executive lounge at the new corporate headquarters of NN Inc. The project was heavy in architectural detailing and required a team of visionaries to execute. The ceiling's custom-made panels were precisely cut by the manufacturer to make triangular modules in the geometric ceiling grid. The unique ceiling design had an unusual layout, but all the pre-engineered components went together like a puzzle within two weeks. The client, NN Inc., was extremely pleased with the specialty ceiling's visual impact in the space and couldn't be happier with how everything came together – on time and under budget. The upscale linear ceiling was designed by IA Interior Architects and installed by Acousti Engineering Company of Florida using custom-made MetalWorks™ Blades – Classics™ panels in an Effects™ Walnut finish from Armstrong Ceiling Solutions.

MANUFACTURER — BOUTIQUE

The Pavilion at Grace Episcopal Church, Providence, RI

GORDON, INC.

Other CISCA members involved:

Shannon Corporation, Independent Manufacturer's Representative
Bowerman Associates, General Contractor
Centerbrooks Architects, Architect

Grace Episcopal Church in Providence, Rhode Island, is a gothic revival church designed in 1844 by Richard Upjohn, the foremost architect of the time. This historic church is listed in the National Register of Historic Places as the first asymmetrical gothic revival church in America. When the Pavilion was in the design stages, creating the same character in the new addition while changing to a deliberately modern, art nouveau version of the gothic church was a concern of the church rector and staff. Design challenges were overcome when a unique ceiling system solution provided by Gordon Incorporated that would emulate the design inside the original church cathedral was proposed by the architect. This project has earned a 2018 International Awards Program for Religious Art and Architecture Design, honoring the best in architecture, liturgical design and art for religious spaces. The winners will be featured at the AIA Conference this year.

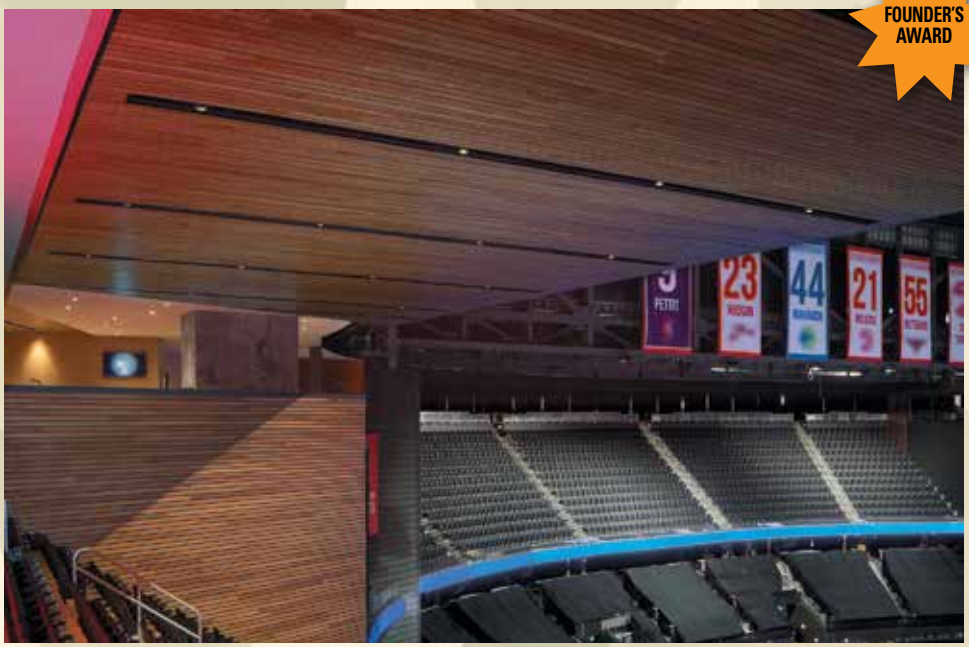
MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

State Farm Arena, Atlanta, GA

9WOOD

Other CISCA members involved:

Anning-Johnson Company, Contractor
HOK, Architect



The State Farm Arena in Atlanta, a reported $192 million renovation of an existing arena, features about 20,000 square feet of continuous linear wood walls and ceilings. The arena reinvents the spectator event. Its design aesthetic is that of a "welcoming living room for Atlanta," says architect Emily Louchart of HOK. The use of wood brings "warmth, comfort and a sense of richness to the building," she says. It creates a space that looks and feels more like a concert hall than a sports arena. 9Wood fabricated the continuous linear systems. Anning-Johnson, Inc., Atlanta, installed them.

MANUFACTURER — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

TTC Highway 407 Station, Toronto, ON, Canada

GORDON, INC.

Other CISCA members involved:

- Sound Solutions Inc., Independent Manufacturer's Representative
- OHL Canada / FCC Limited Partnership, General Contractor
- AECOM, Architect

Shaped like the bridge of the Enterprise in *Star Trek: The Next Generation*, the new TTC 407 Highway multi-transit station covering 100,000 square feet features 18-bay bus terminals above grade and four stories of subway service below grade. This suburban station is the first extension to the existing subway/transit line in 15 years and serves approximately 32,000 passengers a day. The architect, AECOM; the manufacturer, Gordon Incorporated; the independent manufacturer representative, Sound Solutions Inc.; and installing contractor, Capital Drywall Systems Ltd.; worked to collaborate as a team to achieve an envisioned complex yet elegant architectural design of custom, undulating ceilings, creating the appearance of a boomerang flying through the air.

RUNNERS-UP

CONTRACTOR — OFFICE — OVER 50,000 SQUARE FEET — WEST REGION

Aksarben Village Zone 6 South, Omaha, NE

E&K OF OMAHA

Other CISCA members involved:

- Foundation Building Materials Distributor
- Drywall Supply, Inc., Distributor
- Barrisol Normalu, Manufacturer
- Armstrong Ceiling Solutions, Manufacturer
- Turf Design, Manufacturer
- Steel Ceilings, Manufacturer
- Fellert North America, Inc., Manufacturer
- Architectural Components Group, Inc., Manufacturer
- Kinetics Noise Control, Manufacturer
- Novawall Systems, Inc., Manufacturer
- Kiewit Building Group, Inc., General Contract

Located at the brand-new home of this national engineering and architectural firm, the ceiling in the executive boardroom features just under 1,000 square feet of ACGI's Grille Backer Series wood grille panel system in plain-sawn poplar with a custom walnut finish. Extensive preplanning was required to coordinate the location of the light fixtures and other devices that were a part of the ceiling. Installation was orchestrated between the different disciplines so that all work above and below the ceiling was completed in a continuous fashion, working from one end of the room to the other. Much of the installation success can be attributed to the 3D coordination effort that took place early in the project involving not only the building trades but also the design team. Just one area throughout the 228,000-square-foot, 10-story office tower, the project included a number of high-end specialty wall and ceiling finishes.

CONTRACTOR — BOUTIQUE

West Monroe Partners, Chicago, IL

E&K OF CHICAGO

Other CISCA members involved:
Arktura, Manufacturer

The West Monroe Partners project was designed by Garnett Architects.

INDEPENDENT MANUFACTURER'S REPRESENTATIVE — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Smith Campus Center, Harvard University, Cambridge, MA

SHANNON CORPORATION

Other CISCA members involved:
Gordon, Inc., Manufacturer
Bruner/Cott Architects, Architect
Hopkins Architects, Architect

In 2016, plans were completed and renovations were launched to create the 360,000-square-foot Smith Campus Center. Bruner/Cott Architects in Boston, Massachusetts, selected Gordon Incorporated for the project. Acoustical performance, time-tested durability and durable powder coat finishes in university colors were required. Gordon Incorporated metal wall systems consist of:

- Formed .090" aluminum including both honeycomb core backer panels as well as panels with 3/4" MDF backers to add strength and durability
- Multiple CNC perforation patterns factory punched to provide maximum acoustical performance
- Hinged metal panel doors providing cabinetry with two finished sides that open to reveal the audio visual devices, teaching equipment, fire extinguishers and other safety equipment
- Special extrusions for better sustainability at the corner transitions of the wall system

INDEPENDENT MANUFACTURER'S REPRESENTATIVE — BOUTIQUE

UWorld, Dallas, TX

DESIGNED PERFORMANCE ASSOCIATES

Other CISCA members involved:

Gordon, Inc., Manufacturer
Structure Tone, General Contractor
Gensler, Architect

UWorld is an e-learning company that specializes in training for exam preparation to include ACT, SAT and MCAT college prep exams, as well as for nursing and selected MD certifications. The new 50,000-square-foot office space designed by Gensler, Dallas, is located on the third floor of the Cypress Waters master-planned development in Coppell, Texas. Gensler created an industrial look with a complement of decorative open plenum ceilings. The design would require creature comforts catering to younger generation employees with proximal benefits of housing, entertainment and shopping. A custom linear beam ceiling system manufactured by Gordon Incorporated provided a contemporary appearance in the lobby and leisure areas of the office space.

INDEPENDENT MANUFACTURER'S REPRESENTATIVE — RETAIL — UNDER 50,000 SQUARE FEET — EAST REGION

Westchester Mall Food Court, White Plains, NY

RICE ASSOCIATES INC.

Other CISCA members involved:

Designed Sales Associates Inc., Independent Manufacturer's Representative
Gordon, Inc., Manufacturer
JPRA Architects, Architect

After 20 years of business, Westchester Mall in White Plains, New York, one of New York's most elegant shopping destinations, has received a multi-million-dollar renovation by JPRA Architects. The extraordinary new 350-seat dining venue is a complete renovation that focuses on a sophisticated and chic yet relaxed vibe with seven dining options selected from popular trending dining in New York City. Bi-level ceilings consisting of lower-level floating drywall clouds create pathways to the seven restaurants in the food court. Directly above the clouds are the custom metal ceilings, which are configured in a design reminiscent of a Burberry plaid pattern. The beauty of this unique ceiling will be viewed by many shoppers for many years to come. Without the precision installation, this plaid ceiling would have truly lost its fashion sense.

MANUFACTURER — BOUTIQUE

90 Colombus, Jersey City, NJ

USG/CEILINGS PLUS

Other CISCA members involved:

Ironstate, General Contractor
HLW International, Architect

USG Ceilings Plus worked closely with A & K Contracting to make this system an outstanding feature in this lobby located at the corner of 90 Colombus Drive and Marin Boulevard in Jersey City, New Jersey. The thrust of this project was to provide the interior space with a moving design that connected the interior spaces beyond their vertical partitions, as well as to connect to the exterior with emphasis on the buildings corner presence. Utilizing a unique rustic wood laminate metal bar, the team was able to provide a course antique wood finish that gave the comfort and feel of real vintage wood at the cost of folded aluminum.

MANUFACTURER — BOUTIQUE

Academy Tower Lobby, North Hollywood, CA

ARMSTRONG CEILING SOLUTIONS

Other CISCA members involved:

Premier Acoustics, Inc., Installing Contractor
BAM Architecture Studio, Architect

The dated pink marble lobby of the Academy Tower office building has been refreshed with a cleaner, more modern aesthetic that includes a new metal ceiling that reaches out in an angled design across the 2,247-square-foot space. The ceiling is made up of about 100 2'x 4' silver metal ceiling panels installed in a series of ribbons below the existing drywall ceiling. The panels were field cut at an angle to accommodate the design. The panels feature narrow, slot-shaped perforations that allow the lighting behind them to penetrate the space. The panels are customized with four different perforation patterns, creating a unique lighting visual that conveys the look of stars when traveling at light speed. The ceiling was designed by BAM Architecture Studio and installed by Premier Acoustics, Inc. using standard MetalWorks™ Torsion Spring ceiling panels and custom MetalWorks WH1000 wall panels from Armstrong Ceiling & Wall Solutions.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — WEST REGION

Alkami Technology, Plano, TX

USG/CEILINGS PLUS

Other CISCA members involved:

Abstract Construction, General Contractor
Gensler, Architect

Alkami Technology is dedicated to renovating online and mobile banking, by offering unique and engaging experiences for not only their customers and members but also for the financial institution. Due to their engaging working environment and talented team members, they can "transfer lead to gold." In effort to stand behind the bold representation Alkami Technology portrays, Gensler, Abstract Construction, ChasCo Interiors and USG Ceilings Plus worked around the clock through weekends and holidays to deliver an office of excellence.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — WEST REGION

All Saints Episcopal School Student Union, Fort Worth, TX

ARMSTRONG CEILING SOLUTIONS

Other CISCA members involved:

Marek Brothers Systems, Inc., Contractor
Overland Partners, Architect

All Saints Episcopal School in Fort Worth, Texas, recently constructed a new semi-circular student union building that features over 9,000 square feet of open pavilion space. To attain the desired exposed structure visual, over 10,000 linear feet of MetalWorks™ Blades – Classics™ from Armstrong Ceiling Solutions were installed, including over 1,100 individual panels. All the panels are 1" thick and 4" high. Lengths vary. The panels are installed in two spans that mirror the roof design. The first span is 21 feet long and slopes down from a window wall. The other is 7 feet long and slopes down from the opposite wall. A gap separates the spans and leaves space for the structural columns. The school marked the first time the ceiling contractor's crews had installed metal blade panels. According to the project manager, despite the size and complexity of the job, the crews met the challenge.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — EAST REGION

American Kennel Club, New York, NY

USG/CEILINGS PLUS

Other CISCA members involved:

Structure Tone, General Contractor

Gensler, Architect

American Kennel Club has a felt baffle ceiling. It consisted of using 1/2"-thick felt cut into 8' long sheets. These sheets were folded to create a 2" x 12" channel. A 6" long bracket was used to close the top plate of the channel and receive the threaded rod from the deck above. The 2"x 12" baffles are connected to form a triangle. The second baffle ceiling consists of 1/2" baffle sheets cut into triangles that are assembled to form a pyramid.

MANUFACTURER — BOUTIQUE

Archer Hotel Florham Park, Florham Park, NJ

RULON INTERNATIONAL

Other CISCA members involved:

LK Architecture, Architect

The beautiful interior design of the new Archer Hotel Florham Park, New Jersey, was designed by LK Architecture. The suspended shiplapped linear wood ceiling was provided by Rulon International. The amazing install was done by VCC (Vratsinas Construction Company). Rulon's suspended linear closed wood ceiling system required a substantial amount of field cutting, which included many ceiling penetrations. The ceiling design features curving edges that follow virtually the entire interior ceiling area. Credit for the successful installation of this beautiful ceiling design should be given entirely to the skilled and masterful installers of VCC. The architect's ceiling design and Rulon's beautiful linear wood ceiling system came to life only because of the amazing job done by VCC.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

Athletic Performance and Administrative Center, Eagan, MN

HUNTER DOUGLAS ARCHITECTURAL

Other CISCA members involved:

Crawford Architects LLC, Architect

Home to the iconic Minnesota Vikings, the Twin Cities Orthopedics Performance Center is the team's administrative headquarters and practice facility. The brand-new destination will also anchor a 200-acre development project expected to transpire over the next decade. From food service areas to offices, physical therapy rooms to education spaces, it also needed to include the best elements of health care, corporate and institutional interior design. The design called for rows of beams spanning the ceiling plane and running up the wall to unify a two-story lobby. To realize this modern vision and provide a seamless transition from space to space, the architects specified a beam and baffle ceiling system from Hunter Douglas. The Tavola™ Series features lightweight break formed aluminum beams that can be configured into a variety of designs. The system also helped contribute to USGBC LEED v4 points in three categories.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — WEST REGION

Berkeley Way Project, Berkeley, CA

USG/CEILINGS PLUS

Other CISCA members involved:

Performance Contracting, Inc., Contractor

The project included faux wood Barz™ and Blanco Mat™ Wallforms™ system that incorporated custom slats that protrude from the walls. The faux wood European Cherry finish gave the system visual elegance and made it the focal point, as it is surrounded with clean lines and white walls. The Barz™ had an innovative design that required a 360-degree visibility with no exposed fasteners. The feature wall gave the room a uniform and fresh appearance that also incorporated acoustical properties to assist with the functionality of the space.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Brain Pop, New York, NY

USG CEILINGS PLUS

Other CISCA members involved:

Icon Interiors, General Contractor

Perkins+Will, Architect

Located in the heart of New York City, the Brain Pop project sought to mirror the company's goal of establishing creative ways for children to approach difficult concepts. The goal here was to create a unique geometrically inspired ceiling with a varying range of elevation points while meeting standards for acoustics, lighting quality and visual aesthetic. Because of the random nature of the elevations across the system, the team understood that in order to engineer, fabricate and install the ceiling, either the structure or the panels would need to be unique, custom-designed parts. The solution was to make six equilateral triangle module panels with a 1-inch reveal arrayed around a central hexagonal hub and connected by a custom clip at each point that controlled the tilt and rotation of the each panel module.

MANUFACTURER — BOUTIQUE

Corporate Innovation Center, Atlanta, GA

HUNTER DOUGLAS ARCHITECTURAL

Other CISCA members involved:

Gensler, Architect

Accenture recently unveiled its new innovation hub in Atlanta, Georgia. The space features a contemporary environment complete with railroad tracks on the ceiling – an homage to the city's history as a railroad hub. Passing through the entryway leads to a reception area with steel-clad walls and a flip-disk display – another nod to the design theme. Since the railroad tracks would serve as wayfinding, they travel in multiple directions and tie together multiple spaces, crisscrossing each other along the journey. In order to achieve the unique look, project architect Gensler turned to the experts at Hunter Douglas, who recommended a unique ceiling system. Hunter Douglas designers used extruded aluminum beams from High Profile Series™ Frameworks and Horizontally Curved to create the look of reclaimed railway ties on the ceiling. The system not only helped achieve the right aesthetic but also contributed to USGBC LEED v4 points in four categories.

MANUFACTURER — BOUTIQUE

Custom Interactive Art Canopy, Northeast, USA

ARKTURA

Other CISCA members involved:

American Contractors Corp., Contractor
CBT Architects, Architect

This custom interactive art canopy pushed the boundaries of manufacturing techniques to create a one-of-a-kind statement piece, complex in nature but engineered to minimize issues associated with shipping and installation. All challenges had to be accounted for during the design and manufacturing process to allow for a highly coordinated, streamlined install of the 38'-11" x 18'-8" feature piece. Visible from the street and located above the main reception, the canopy serves as a beacon to passers and helps establish a sense of arrival as people enter the multi-level residential and retail property.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

Gaylord RiverView Ballroom, National Harbor, MD

DECOUSTICS

Other CISCA members involved:

Architectural Finishes, Inc., Independent Manufacturer's Representative
Midlantic Sales Group Inc., Independent Manufacturer's Representative
Clark Construction, General Contract
BLUR Workshop, Architect

Inspired by the bow of a ship, Gaylord RiverView Infinity Ballroom leaves guests feeling as though they are floating on top of the picturesque Potomac River. Holding the nautical design intent, Decoustics® Claro® Ceilencio® acoustical panels deliver a dramatic ceiling effect while achieving high acoustical performance, light reflectance and accessibility to the plenum. The ceiling is comprised of 9' x 25' bays with typical panel size of about 4' x 9' but also panels as little as 30" x 16", which are suspended independently. A concealed multi-level suspension grid system and wires secure 826 panels perfectly in place, holding a meticulous alignment of all the openings to the tolerances of 1/16". Accommodating for room partitions and numerous light fixtures in the design, the whole ceiling installation resembles a very intelligent jigsaw puzzle where all the pieces fall right into place.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Holland Middle School, Holland, PA

ASI ARCHITECTURAL

Other CISCA members involved:

SchraderGroup Architecture, Architect

The Holland Middle School Auditorium incorporates radiused Cloud ceilings with an acoustical backer for superior sound absorption, as well as Fusion curved and flat wall panels that feature a proprietary spline system ensuring perfect alignment and consistent reveal. The panels' wood veneer features customized warm white maple finish. The project began with architectural details in summer 2017. Final details for the curved walls around the auditorium's proscenium were completed in the fall, and production was then initiated in early 2018. The Holland Middle School Auditorium is a demonstration of strong collaboration between industry professionals, from a vision developed by Schrader Group Architecture to Easy Does It Drywall's resolve and ASI Architectural's dedication to excellence. The results are a visually stunning auditorium and mezzanine where curved wood cloud ceilings hover overhead seamlessly uniting the space and providing the school and the community with an acoustically balanced space that looks as brilliant as it sounds.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

Humpbacks of Hawai'i Exhibit and Sphere, Wailuku, HI

FELLERT NORTH AMERICA, INC.

Other CISCA members involved:

Delta Construction, Contractor

The Maui Ocean Center's "Humpbacks of Hawai'i" exhibit and sphere showcase Fellert's Even Better Silk acoustical plaster system expertly installed by Delta Construction throughout the 58' dome to provide both the smooth monolithic projection screen for their 4K digital laser projection system as well as superior acoustical absorption to balance its 7.1 surround sound system. The result is an immersive experience that places viewers in proportion to the humpback whales just as if they were underwater with them. This exhibit will attract millions of people to come and be a part of the 3D underwater world, bringing humpback whales to life and inspiring awe and wonder for these majestic giants of the ocean for generations to come.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

The Jeremy West Hollywood Hotel, Hollywood, CA

DECOUSTICS

Other CISCA members involved:

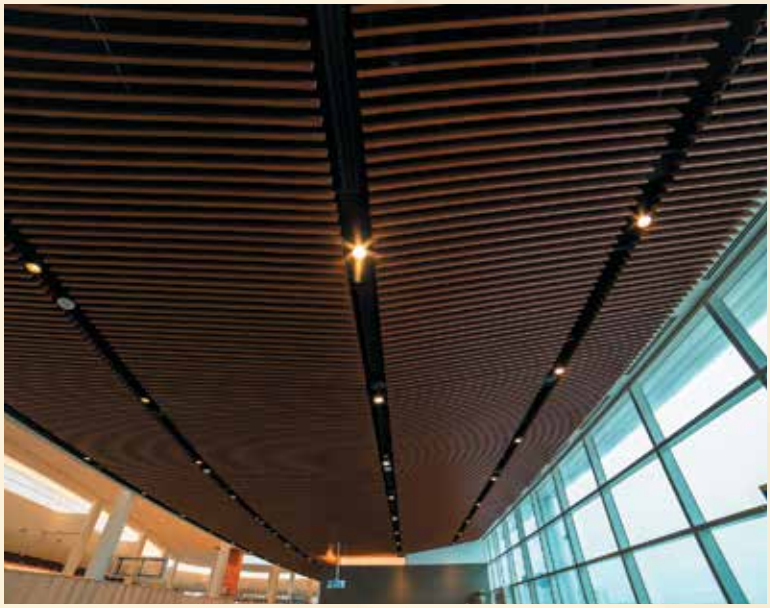
Suffolk Construction, General Contractor

Skidmore, Owings & Merill LLP (SOM), Architect

Capturing the urban rock-and-roll legacy of the iconic Sunset Boulevard, Decoustics® Claro® Ceilencio® wedge-shaped triangular panels are the feature of the newly opened The Jeremy Hotel in West Hollywood. Striking floating forms visually deliver a 3D effect and appear to be dropping out of the ceiling. All panels are sloping in different directions and have a unique configuration. With a maximum of 1/4" reveal on top and all sides, seamlessly flaring built-up returns and integrated LED lights, a substantial number of carpentry hours and precision in construction were critical to the success of this project. Panels meticulously align throughout all bays, allow full access to the plenum and conceal retractable projectors. Custom-engineered and hand-crafted for a precise fit, this acoustical ceiling system is sure to leave a lasting impression on the legendary Sunset Strip.

MANUFACTURER — CIVIC — OVER 50,000 SQUARE FEET — EAST REGION

Louis Armstrong International Airport, New Orleans, LA



HUNTER DOUGLAS ARCHITECTURAL

Other CISCA members involved:

King Company LP, Contractor
Hunt-Gibbs-Boh-Metro, General Contractor
Leo A. Daly, Architect

In an era of increasing air traffic and crumbling infrastructure, few American airports get the chance for a do-over. But that's exactly what is happening at the Louis Armstrong International Airport in Louisiana. A revolutionary new terminal is ushering the city of New Orleans into the 21st century and replaces an aging facility that was over capacity, underfunded and showing its age. While previous terminals featured a hodge-podge design, this expansive new space creates an entirely different experience. While open and airy, officials wanted to avoid a "me-too" airport design that could be confused with any other city. Therefore, they worked with Hunter Douglas to design and specify a wood-look aluminum beam and baffle ceiling from the brand's High Profile Series™ product line. The system not only achieves the right aesthetic, it improves wayfinding and creates easy access to HVAC and lighting, contributing to USGBC LEED v4 points in three categories.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

Love Field, Parking Garage C, Dallas, TX

GORDON, INC.

Other CISCA members involved:

Designed Performance Associates, Independent Manufacturers Rep
Hensel Phelps, General Contractor
Corgan, Architect

The completion of the new $208 million Love Field Parking Garage C in Dallas, Texas, marks one of the last major milestones in the modernization program that began in 2009 for this airport. The garage will provide approximately 5,000 spaces on nine levels of parking: two basement levels and seven above grade levels. The garage is a welcome site for this airport, which has increased passenger traffic by 100 percent in the last five years. A new elevated pedestrian corridor will allow direct access from Parking Garage C to the terminal lobby without going through the ticketing hall. Gordon Incorporated was specified by Gensler in Dallas, Texas, to provide interior ceiling systems in the corridor and patented soffit systems that line the exterior. All interior and exterior systems feature a wood-look PVDF finish.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

The Museum at the Gateway Arch, St. Louis, MO

FORMGLAS SPECIALTY PRODUCTS LTD.
Other CISCA members involved:
T. J. Wies Contracting Inc., Contractor

From design concept to installation, the ceiling for the new entrance to this underground museum was a challenge. Built as a two-part system, it blends in perfectly with this significant and unique underground museum. Two products were fabricated separately and combined to create a "double ceiling" that gives the illusion of daylight. Approximately 10,000 square feet of highly reflective large rectangular perforated metal panels filled coffers between concrete beams; creating a sound-absorbing "sky" for this very active entry space. The lower ceiling is over 4 miles of 3-inch-diameter extruded aluminum white tubes that run at right angles to pedestrian travel. These 16-foot-long tubes were suspended from an integrated hanging system. Integral LED uplighting was incorporated into each of the tubes. Combined, light in these tubes is reflected off the polished metal, immersing the entire area in a diffused, natural-looking light.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

New York City's Subway System Upgrade, New York, NY

ASI ARCHITECTURAL
Other CISCA members involved:
Di Domenico & Partners, AECOM, Architect

As part of Governor Cuomo's 2018 plan to upgrade New York City's subway system, ASI Architectural crafted ceilings with the warmth of Western Red Cedar from the Pacific Northwest, creating a refined look. The upgraded elevated stations are elegant but durable enough to withstand New York's change in seasons, train vibrations and everyday wear-and-tear from passengers. For this project, the NYCTA requested custom durable materials for the reveals between ceiling planks, and ASI created powder-coated perforated aluminum filler strips. The perforations allow sound to pass through to the absorbent backer, making the space quieter and serving as a defense against passengers' raised umbrellas. For more than a year, ASI utilized their expertise and resources to create a mix of warmth, elegance, functionality, and durability to upgrade stations that will serve as the pride of the New York City transit system for years to come.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — EAST REGION

Panorama Tower, Miami, FL

GORDON, INC.
Other CISCA members involved:
Florida East Coast Realty, General Contractor
Moshe Cosicher, Architect

The 868-foot-tall Panorama Tower is the tallest skyscraper in Miami, Florida. Gordon Incorporated provided custom ceiling systems, cladding systems and column covers for the building's interior and exterior. All products were fabricated with #8 mirror and gold mirror stainless steel finishes. Challenges typically encountered in manufacturing with mirror finish substrates include special guarding against the propensity of encountering even the most infinitesimal of surface blemishes or imperfections. Likewise, panel size and weight are factors which evoke special testing with mock-ups to insure absence of deflection. Nothing short of perfection was acceptable. Panorama Tower is a recipient of the Engineering News Record Specialty Construction Award of Merit and was voted Miami's the most breathtaking residential views.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — WEST REGION

Pechanga Resort Casino Lobby, Temecula, CA

ARMSTRONG CEILING SOLUTIONS

Other CISCA members involved:

Southwest Specialty Contractors, Contractor

Klai Juba Wald Architecture + Interiors (Cleo Design), Architect

The lobby of the Pechanga Resort Casino has been expanded to include a glass atrium and a linear metal ceiling in a wood-look finish that continues the warm look of the existing wood ceiling into the new space. Suspended 30 feet above the lobby floor, the 7,625-foot ceiling includes more than 100 triangular-shaped pods made up of about 20 panels each. The pods consist of two different custom-shaped triangles 10'4" x 15" and 14'5" x 9'7" in size. Installed at various slopes, the pods are separated by a 9 inch gap, creating a fractured, geometric visual. The ceiling design allows light play from the atrium and adds visual interest to the space. The ceiling was designed by Klai Juba Wald Architecture + Interiors (Cleo Design) and installed by Southwest Specialty Contractors using MetalWorks™ Linear ceiling panels in an Effects™ Dark Cherry finish from Armstrong Ceiling & Wall Solutions.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — EAST REGION

Polytech High School, Woodside, DE

ARMSTRONG CEILING SOLUTIONS

Other CISCA members involved:

Peninsula Acoustical, Contractor

BSA+A, Architect

Polytech High School in Woodside, Delaware, recently completed an extensive renovation of its cafeteria and a re-purposing of an adjacent locker area into a learning commons. To create a sense of movement and motion in the new cafeteria ceiling, the design team created ribbons of WoodWorks® Canopies from Armstrong Ceiling Solutions by connecting hills and valleys. The ribbons were installed in a basket weave pattern. By designing ribbons that ran perpendicular to each other, the design team was able to create even more visual interest. The intersecting ribbons were installed in two layers, one above the other. In order to suspend lower layer canopies without hanger wires penetrating upper layer canopies, the acoustical contractor installed a secondary suspension system using grouping frames to which acoustical shapes are normally attached. The canopies in each ribbon are connected by means of field-applied metal strapping on the back side.

MANUFACTURER — CIVIC — UNDER 50,000 SQUARE FEET — EAST REGION

Renaissance Nashville, Nashville, TN

USG/CEILINGS PLUS

Other CISCA members involved:

Skanska USA Building, Inc., General Contractor
Sarfatty Associates, Inc., Architect

The Grand Ballroom at Nashville Renaissance is a project composed of folded ceiling ribbons covering an area of 7,400 square feet. The system has three separate ribbon types along with three anodized aluminum finishes: Kryolite, Grau and custom brass. Forty-seven custom panel types were created and tailored to the aesthetic of the design.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — EAST REGION

Speedy Corporate Office, Philadelphia, PA

CERTAINTEED CEILINGS

Other CISCA members involved:

Herbst-Musciano, LLC, Architect

The EMD Performance Materials' headquarters faced a tighter-than-usual project timeline and high installation demands on the construction team. The project, which outfitted two floors of a four-story LEED® Gold certified structure, featured vast open floor plans, high ceilings and unobstructed views. While visually appealing, the openness presented acoustic challenges and required the right acoustic ceiling product and clever problem-solving. After problems with the initial ceiling specification, an industry connection recommended CertainTeed Ceilings for the project. Despite a tight timeline and a complex build-out, CertainTeed's templates and easily adjustable hanger wires made quick work of the installation process. Not only did the brand's products, including Ecophon® Solo™, Symphony® f and Symphony® m Rx, meet the architectural and aesthetic goals, they helped the project stay within budget and remain on time in the accelerated schedule. The result is a ceiling structure that performs acoustically and aesthetically in the vast office space.

MANUFACTURER — OFFICE — UNDER 50,000 SQUARE FEET — WEST REGION

Two Union Square, Seattle, WA

RULON INTERNATIONAL

Other CISCA members involved:

Firstline Systems, Inc., Contractor
NBBT, Architect

The LEED Platinum-certified Two Union Square renovation in Seattle, Washington, features a beautiful ceiling design from NBBJ Architects. The custom-manufactured beams are from Rulon International. The tough but professional install was done by Firstline Systems, Inc. The unique ceiling design posed challenges in the early stages of this project. Engineering started in 2016! A total of 2,850 custom-engineered and manufactured beams were made. Of these, only 25 percent had the same profile. This means each one of the remaining 2,138 beams required unique engineering and custom manufacturing. A combination of machine and skilled hand labor was needed to complete each beam panel. Multiple visits by the architect and installers to Rulon's facilities helped deal with complex details and challenges. Although this tough install took eight months to complete, the close coordination between NBBJ Architects, Rulon International and Firstline, Inc. resulted in a near-perfect installation and an outstanding ceiling.

MANUFACTURER — BOUTIQUE

Utah Jazz Practice Facility, Salt Lake City, UT

DECOUSTICS

Other CISCA members involved:

K&L Acoustic and Drywall Inc., Contractor
Okland Construction, General Contractor
SCI Architects, P.C., Architect

The unique Decoustics® Claro® Ceilencio® basketball-shaped ceiling transforms the Utah Jazz NBA team's new locker room and is the envy of visiting teams. Making a powerful statement inside the newly renovated Vivint Smart Home Arena and Utah Jazz Practice Facility in Salt Lake City, Utah, the ceiling attains high noise absorption and eliminates echoing inside the room, making the space feel comfortable and inviting. Extreme time and budget constraints called for Decoustics' expertise and ingenuity to come up with a solution that met the acoustical and design objectives while attaining the high standard of quality that one would expect of professional NBA sports. Implementing new techniques, Decoustics has developed a multi-layer acoustical panel construction and utilized a fully concealed grid to suspend the radial shape and construction of the ceiling.

MANUFACTURER — EDUCATION — UNDER 50,000 SQUARE FEET — WEST REGION

Weber State University Lindquist Hall, Ogden, UT

RULON INTERNATIONAL

Other CISCA members involved:

Golder Acoustics Inc., Contractor

GSBA, Architect

Weber State University renovated their 130-year-old Lindquist Hall building. GSBS Architects gave an upgraded and contemporary design to the interior of the Social & Behavioral Sciences building. Rulon International provided Aluratone 900 acoustical wood veneered panels for the walls of the building. Rulon also provided Integrilles, suspended wood panel grilles, for the ceilings throughout the building interior. The Aluratone 900 and Integrilles wood panel grilles were installed on every floor of the building. The unique design of the acoustical wood wall in the main entrance was achieved by installers Golder Acoustics Inc. Their skill allowed them to field-cut and edge-band virtually every Aluratone 900 acoustical wood panel into custom, predetermined, geometrical shapes. Golder Acoustics Inc. also created custom wall framing that,not only allowed for installation of the panels but also created the appearance of a three-dimensional, protruding effect.

MANUFACTURER — RETAIL — UNDER 50,000 SQUARE FEET — EAST REGION

The Westchester Food Court, White Plains, NY

GORDON, INC.

Other CISCA members involved:

Design Sales Associates Inc., Independent Manufacturer's Rep.

Rice Associates, Independent Manufacturer's Rep.

JPRA Architects, Architect

After 20 years of business, Westchester Mall in White Plains, New York, one of New York's most elegant shopping destinations, has received a multi-million-dollar renovation by JPRA Architects. The extraordinary,new 350-seat dining venue is a complete renovation that focuses on a sophisticated and chic yet relaxed vibe with seven dining options selected from popular trending dining in New York City. Bi-level ceilings consisting of lower-level floating drywall clouds create pathways to the seven restaurants in the food court. Directly above the clouds are the custom metal ceilings, which are configured in a design reminiscent of a Burberry plaid pattern. The beauty of this unique ceiling will be viewed by many shoppers for many years to come. Without the precision installation, this plaid ceiling would have truly lost its fashion sense.

THE SIGHTS OF CISCA

This year's CISCA Convention was another rousing success, with attending members and guests enjoying the spring weather in National Harbor, Maryland; taking advantage of the incredible educational sessions on April 23 and 24 (see page 39); celebrating at the dinner and awards program (see pages 10-33); and meeting new contacts and exploring business opportunities at the INTEX Expo and other meetings throughout the week.

Congratulations to all our deserving award recipients and thank you to all who attended and made this event the remarkable experience it was. Mark your calendars now for CISCA Con 2020 in Las Vegas!

CONVENTION 2019

ONE SWEET SURPRISE

CISCA Past President Donald E. Harris honored with DeGelleke Award

Donald E. Harris has worked for the same company for more than 36 years and been married to the same woman for 30 years, suggesting that when he makes a major decision about the direction of his life, he tends to get it right. The professional and personal branches of Harris's life share a common starting point, and they intersected in an especially meaningful way in April, when he was presented with the DeGelleke Award at the 2019 CISCA Convention.

Harris, 64, credited his wife and three children for their solid poker faces, having kept the secret that he would be receiving the award and that they all would be there to see it. That made for an emotional moment when he accepted the award, conferred each year since 1960 to a person who has made exceptional contributions to the industry and the association. Established in memory of CISCA founding member Gerry DeGelleke, it

is considered the association's most prestigious award.

"I cried like a baby," Harris said of winning the award. "It was a career milestone, and it was very humbling because my peers gave it to me and I was able to share it with Lucy and the children. It was a big surprise. My family and the association did a good job of keeping me in the dark. You look at the names of the people who have won the award over the past 59 years, and that's pretty humbling."

Harris is the Midwest regional manager for Lenexa, Kan.-based Rew Materials, which operates in 21 states and distributes interior and exterior construction products across the country. Working out of Kansas City, Kan., Harris oversees eight locations across Iowa, Nebraska, Missouri and Kansas, making sure products vital to the interior construction, acoustical ceilings and acoustical treatment industry arrive at jobsites on time.

Harris wears many hats and likes to joke that despite his job title, he's not above a little grunt work.

"I tell people that I'll take out the trash, wash windows and do whatever needs to be done," he said. "I just try to help our managers oversee the sales and operations of their locations. I'm their manager, but at the same time, I'm kind of a support staff for them, so if there's anything I can do to help their day-to-day operations, I do it, whether it's making a sales call or dealing with an HR issue or an issue with a manufacturer."

Harris is proud that he's missed only a few CISCA conventions since attending his first one in 1987. A customer, Glenn Linaweaver, who was a contractor member of CISCA, sold him on the benefits of being involved in the association, and he's been coming ever since. The daughter of that same friend also set Harris up on a blind date with Lucy, whom he would marry. Just like the construction materials he sells, their relationship proved built to last.

"That was the most important sales job of my career," Harris said of that rarest of things, a successful blind date.

Lucy is a real estate agent, and they have three children – Julia, a school teacher; Donald, an inside sales rep with Rew Materials; and Elaine, who is studying marketing at her father's alma mater, Kansas State. Harris coached his children in baseball, softball, soccer and basketball when they were kids, and he said having his son working with him reminds him of old times, even if he now takes a different approach.

"I try not to be too hard on him, like I was when I was coaching him," he said. "I try to treat him just like the other employees, and I try to mentor him and help him become a better employee. He is a very good employee, and I'm happy to have him with the company."

A native of Alton, Ill., Harris grew up on the family farm, growing grain, raising livestock and helping a relative with his dairy farm. He earned a master's degree in agronomy – the science of growing plants for food, fuel, fiber and other products – and considered pursuing a doctoral degree before deciding he "was done with academia" and joining the work force.

While at Kansas State, Harris became an avid rugby player, and he spent 18 years with club and regional teams, competing across the country and in the British Isles, France, Argentina, New Zealand and Australia. He gave up the sport in 1994 after he was injured during a match and had to visit the emergency room with his family to get a few stitches on his head.

"My wife wasn't too happy with me, and when I went to my job the following Monday, my boss wasn't too happy with me either," Harris said. "I figured it was time to give it up. It's a team sport that's very physical and demanding, but in addition to that, it became like a fraternity or a brotherhood. It was very rewarding."

Harris joined Rew Materials as a delivery driver in 1983, two years after graduating from Kansas State. He later became a delivery dispatcher and then an outside salesman before joining the management team and eventually becoming a regional manager in 1997.

Along the way, Harris continued his involvement with CISCA, serving on the board before becoming the first distributor member to join the executive committee and eventually becoming president. He said one highlight of his presidency from 2006-07 was working with Kent Vipond, Ron Bishop, Michael Coakley and Brice Neiman as CISCA solidified its collaboration with the Association of the Wall and Ceiling Industry on the annual INTEX Expo. That partnership spares the industry from having to put on two separate trade shows each year.

Harris said he's proud of CISCA's growth over the years and its commitment to providing technical education through publications such as the *Ceiling Systems Handbook* and white papers. He said he's also glad to see the association consistently reaching out to younger industry stakeholders in an effort to grow its membership and secure its future.

"CISCA continues to be an association that helps the acoustical industry and the ceiling industry through technical education and programs like the Emerging Leaders," he said. "We just have to continue to attract younger members by adding value like that." ■

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Education AT CISCA CONVENTION 2019

CISCA Convention 2019 and the Intex Expo held in conjunction were filled with highlights, not the least of which was the top-notch educational sessions held during the morning and early afternoon hours of April 23 and 24.

APRIL 23

Kicking things off was Will Pemble, executive coach and mentor at Goal Boss, with his groundbreaking "90 Minute Coaching Challenge," which aimed to "transform your leadership style before lunch." Pemble brought excitement and energy – not to mention tangible tools and considerable experience as founder and former CEO of internet giant Web.com – in this session as well as his later appearances.

Next up was Jamie Notter, a name brand in and of himself as a speaker, author and consultant, speaking on "The One Thing All 'Best Place to Work' Cultures Share." Notter's understated humor and pragmatic approach to analyzing today's changing business landscape were big crowd-pleasers, and attendees left for the break buzzing with new ideas and ways to frame their own company culture and day-to-day operations.

Following the meal was a panel discussion on "Real-World Employee Engagement," for which Pemble and Notter were joined by Joe Bongiorno, Mike Fenello and Nic Fulton. The participants touched on such key issues as generational differences in the workplace and the importance of core values versus core behaviors. Notter also introduced the concept of "rituals" (consistent occurrences and actions) and "artifacts" (tangible benefits that result from the repeated actions).

To round out the day, Pemble walked the audience through a sample Goal Boss meeting in the session "Best Meeting Ever!" With a smaller group, all present were able to interact and participate, which served to highlight one of the many positives of the Goal Boss structure. Through setting ground rules, marking successes and concerns, tracking key metrics and tackling problem solving as a team, everyone left with a good idea of what Goal Boss delivers to its clients.

APRIL 24

Lynne Franklin, executive mentor, author, persuasion expert and self-proclaimed "neuroscience nerd," took the stage for the second day of education, and her expertise and personable presentation style had the crowd engaged from the beginning. Her first session taught attendees to "Create Connections" and started with two revelations: that the persuasion process is not binary (agreeing or disagreeing), but instead a six-step cycle; and that words spoken account for only 7 percent of a person's impression of another, while the vast majority is attributed to body language.

Franklin also described the three perception profiles, those being "lookers," "listeners" and "touchers," and how best to identify and interact with each. That led to a further discussion of question-and-answer techniques, and audience members had a chance to try out the "bridging," "listing," "hooking" and "flagging" approaches with a partner.

The second session was dedicated to "Tough Talks: Turn Conversations into Stronger Relationships," which focused on reframing conflicts in the business world as new opportunities. The concepts of the triune brain – the basic reptilian for survival, the limbic for emotion and the neo-cortex for thinking – and the "amygdala hijack" response shed light on the science behind reactions to certain triggers and the mental state of those in panic situations.

This set up the exploration of the idea of "becoming A GAP MD," which stands for knowing the Audience, setting Goals, preparing what to Ask, Paraphrasing the panicked person's responses, Making suggestions and Deciding next steps. Attendees then worked in groups to resolve a sample conflict with the new knowledge they'd gained.

Overall, Franklin impressed with her tremendous insight and many takeaways applicable to everyday life. CISCA members and guests moved on to the evening's dinner and awards program and the INTEX Expo over the next two days enriched and better-equipped by the learning opportunities afforded by all sessions held. ■

Founder's Award Winner Spotlight: A Luxurious Home for the Hawks

9Wood, Anning-Johnson Co. help give NBA team an arena worth bragging about

BY NICK FORTUNA

It's common for coaches to talk about how sports are a metaphor for life, but for the CISCA members renovating State Farm Arena, home to the Atlanta Hawks of the NBA, the comparisons seemed especially appropriate. The extremely tight schedule facing the manufacturer, 9Wood, and ceiling installer, Anning-Johnson Co., felt like a full-court press; adjusting plans on the fly was like running a set play after a timeout; and the last-minute push to finish on time was like nailing a buzzer beater with the game on the line. Talk about pressure.

The Hawks missed the NBA playoffs this past season with a 29-53 record, but their arena is fit for a league dynasty. When the third phase of the $192 million project was completed last October, it marked the end

of the second-largest renovation project in NBA history, trailing only the $1 billion refurbishment of the iconic Madison Square Garden, home of the New York Knicks.

For 9Wood and Anning-Johnson, the third phase picked up steam toward the end of June 2018, when shop drawings were approved. Springfield, Oregon-based 9Wood then got to work manufacturing almost 20,000 square feet of linear wooden planks – about 9,900 for the walls and 10,000 for the ceiling. Anning-Johnson, which has regional offices in Atlanta, began installing the planks in mid-August and finished just before the October 15 deadline, in time for several concerts and the start of the NBA regular season.

"The time crunch was the big root-cause driver of a lot of headaches," said Tommy Ferrara, project manager for Anning-Johnson. "Because we had that ticking time bomb of a schedule, we knew that we didn't have time to ask a question, wait for the architect to write up an answer and get approvals on cost changes. We had to act immediately, and everyone understood that and had a really good attitude about it. Whenever we encountered something unanticipated, instead of asking a question, we proposed a solution. And the architect, to their credit, was very receptive to our suggestions, and that really helped keep the ball moving."

Emily Louchart, a senior interior designer with architect HOK, said the goal was to create a "welcoming living room for Atlanta," and the use of wood in the aesthetic design brought "warmth, comfort and a sense of richness to the building." Since State Farm Arena annually hosts approximately 200 events drawing about 2 million visitors, the interior was designed with more than the Hawks' 41 regular-season home games in mind. The use of wood created a space that "looks and feels more like a concert hall than an arena," Louchart said.

The arena's most prominent wooden feature is the 90-foot-high ceiling on the west side of the building, above newly installed stadium seating. The ceiling is made from 9Wood's linear planks, which are 8 feet long, 3 1/4 inches wide and three-quarters of an inch thick. The planks are plain-sliced, custom-stained white-oak veneer over fire-rated particleboard.

Given the time crunch, 9Wood knew it had to start churning out those planks quickly, said project manager Brad Leonard. The company immediately sent its lead drafter and lead project manager to Atlanta to meet with the construction team, walk the site and discuss production of the wood ceiling.

"We don't do that for every job," Leonard said. "That was kind of extraordinary because we knew how crazy the schedule was. We wanted to get some approvals right off the bat. Due to the speed of the project, the architectural details provided us an overall design intent, but the nature of the project necessitated many custom details to be created on the fly. With the veneer, there was so much of it that we needed so quickly, so we had to reach out to our supplier a little bit early and get some of this veneer moving."

We had to act immediately, and everyone understood that and had a really good attitude about it. Whenever we encountered something unanticipated, instead of asking a question, we proposed a solution.

In the ceiling design, there is a gap between each plank measuring three-quarters of an inch, and to fill that space, 9Wood shipped the planks with a black felt-like fabric already stapled to each one that could easily be attached to the next plank during installation. The fabric prevents spectators from seeing the insulation placed behind the planks for sound abatement.

With the stadium seats already in place, a complex dancefloor scaffolding system was required to install the ceiling. Anning-Johnson and the electrical and HVAC trades all made good use of the scaffolding system, requiring planned sequencing of work.

"The entire west end, where concrete had been poured for new stadium seating, had to be scaffolded with a massive platform to install our wood ceiling," Ferrara said. "We had no time to do a punch list. We had to deliver first-time quality. Once our scaffold was ready and we had all our materials onsite and ready to go, we had about three to five days to put the whole thing in."

For the large wall applications, the same 9Wood planks were used, but a more rigid black material was placed in the gaps to provide more durability. The wall installations required extensive field cutting and creativity from Anning-Johnson.

As an example, the installer had to decide how wooden planks on one side of a concrete post would join with planks on the other side. The plans didn't specify joiner details, but Anning-Johnson quickly surmised that the cut edges of the planks had to be mitered precisely to line up. Some planks joined to form acute angles. Since this was an area where spectators would congregate, the workmanship had to be top-notch to produce a high-grade millwork-quality finish.

"The installer and his team were not provided project-specific details for every installation condition," Leonard said. "They had to modify our product to create a variety of unique architectural elements. What they did was journeyman-level craftsmanship.

"There were so many compound miters and unusual locations where our product could be showcased, and once you saw the finished product, you really understood the vision that the architect was going for. It was just this great combination of the beauty of natural wood installed against the bare concrete structure of the stadium. It gives this great contrast of design elements."

Taken as a whole, the renovation project's three phases amounted to a full facelift for the arena, which often had drawn criticism from fans due to the poor sightlines from some seats to the basketball court. The entire seating bowl configuration around the arena was redesigned, and the so-called "wall of suites" on the west side of the building was transformed into more traditional stadium seating.

The first phase, completed following the Hawks' 2016-17 season, eliminated the upper levels of the wall of suites, reducing the total number of luxury boxes from 90 to 40, and built the Courtside Club behind one of the baskets. That premium area on the court's level is accessible only to those sitting in floor seats, and it features high-end food and beverage options.

The second phase overlapped with the 2017-18 NBA season and was characterized by the Hawks' chief operating officer, Thad Sheely, as a "gut rehab." Among the improvements were new premium seating areas; connected 360-degree concourses; a new center-hung videoboard that is triple the size of the old one; additional videoboards in the corners of the upper decks; new dining options, including a bar and grill run by the Atlanta country-music group Zac Brown Band; a barber shop run by Atlanta rapper Killer Mike; and two luxury suites featuring Topgolf simulators, HDTVs and lounge seating. The team also converted more than 100,000 square feet of offices and storage space into places where fans could mingle.

The third phase included the gutting of the home and visiting teams' locker rooms and the creation of another premium seating area on the east side of the building. Anning-Johnson participated in the final two phases, including wall framing and drywall.

With all the renovations complete, Ferrara said the arena, originally built in 1999, has a brand-new look and feel.

"I love the space," he said. "I've gone to one Hawks game and a couple of concerts, and it's really nice to walk through the arena as part of the general public, because when the event lighting is on and there's a bunch of people and lots to catch your eye, it's easy just to enjoy the space and turn off that contractor mentality, where the tendency is to nitpick and look for little flaws here and there. It looks great as a whole, and when you consider how fast we had to move to get everything installed, it just seems even more impressive." ■

CISCA 365 IS HERE!

In mid-April, CISCA unveiled its great new app, CISCA 365, in time for the 2019 CISCA Convention in National Harbor. The response was great!

Our users were able to earmark their schedule, connect with each other via email, give us feedback on our speakers, see online guides and maps and post some great action shots of the week's events.

Now that the convention is in the rearview mirror, there are still plenty of great reasons to download and log in to CISCA 365. Foremost among them: we're ramping up our Hot Topics message board, which is designed to let you share ideas with the membership on critical topics such as recruiting, estimating, open plans, the current labor shortage and a Product Spotlight of the Month.

In addition, check out these great features of the app:

- Direct email access to other CISCA members – right from the app!
- Free access to CISCA white papers and other resources, including our weekly newsletter and quarterly magazine
- Portals to our other CISCA social feeds: Twitter, LinkedIn, Facebook

CISCA 365 is available for all CISCA members and their employees for collaboration and information sharing. No matter where you are, CISCA networking, publications and developments will be at your fingertips!

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