SUSTAINABLE BUILDING EDUCATION DAY & EXPO Monday March 11th





DesignOhio

20% of proceeds go to:

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Friends of the Lower Olentangy Watershed

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DESIGNS COLUMBUS

WELCOME from DESIGN OHIO President

On behalf of Design Ohio, I welcome you to DesignColumbus 2024. This event's history stretches back 2 decades and is 14 years in partnership with USGBC Ohio. Design Ohio has a long history in Central Ohio and only recently changed their name. As Design Ohio, this is our first year for DesignColumbus and I couldn't be more excited for the future of our partnership with USGBC Ohio. This year's event is going to be one of the best. I encourage you to make the rounds to the vendor booths who are the financial backbone of the show. If they didn't

come the cost of this event would easily be 3 or 4 times for attendees. Of course, take in all the education sessions you can as we have some interesting ones to see. Full day of sessions should land you 5 credits. After a long day of education and talking to the vendors be sure to stick around for happy hour for a drink or 2 and your chance to win some prizes.

Please be sure to look for the volunteers and thank them for their time and energy in putting this show on. Some of the volunteers have been involved for many years and this has turned into an annual passion of theirs. Helping to educate their colleagues and future generations of the design and construction community.

Finally Design Ohio would like to extend a warm welcome to any attendee who is currently not a member of Design Ohio with a free 3-month membership. Just for attending the show you will have the opportunity to check out what Design Ohio has to offer and get involved. This event represents our core values of "Better Learning, Better Ideas, Better Collaboration, and Better Results." The future is bright in Ohio!



Design Ohio President

WELCOME from USGBC OHIO - Chair

As the Chair of USGBC Ohio's Market Leadership Advisory Board, I would like to welcome you to DesignColumbus 2024, the best Columbus Conference on Architecture and Sustainability throughout the year.

After attending this conference over the last several years, this has become my favorite conference in Ohio because of the many opportunities to learn from my contemporaries and network with like minded professionals from across the State. It is a great opportunity to learn about some of the latest technologies from experts as you stroll through the tradeshow and organizational booths located throughout the facility. This is a great place to get energized and take back what you have learned to your organizations to promote good Architecture and Sustainable building practices.

USGBC Ohio is composed of passionate green building professionals across every industry who are all working to support better building in the state. Our work focuses on three main areas — state and local advocacy;

sustainability education programs; and community service projects, such as the Green Apple Day of Service and ADVANCE. Be sure to swing by our booth to find out more about USGBC. Thanks for attending, have a great conference!

USGBC OHIO - Chair

SOCIAL MEDIA

Social Media - Post photos and tag us from today's event to win a

prize during happy hour

Tag us: **#DesignCbus** Facebook: @DesignColumbus Instagram: @designcbus

WIF

Network: CSCC Username: 9ces2 Password: **cs333209**

DESIGNCOLUMBUS COMMITTEE



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VOLUNTEER

VOLUNTEER AT THE NEXT DESIGNCOLUMBUS EVENT **VOLUNTEER ON THE DESIGNCOLUMBUS COMMITTEE** EMAIL: volunteer.designcbus@gmail.com

EDUCATION SESSIONS

8:00 AM - 9:00 AM

SESSION 101

CIRCULAR ECONOMY - CLOSING THE LOOP IS THE FUTURE OF BUSINESS

Presented by

Alison Gasser, Sustainable Solutions

1 GBCI CE. 1 AIA LU/HSW

Circular economy is an innovative approach to operationalize principles of sustainability management. The concept is based on the 'closing the loop' of product lifecycles and is expected to bring benefits for the environment and economy as well as to contribute to the responsible business conduct. These benefits refer to reduced usage of resources, lower impact on the natural environment, cost savings and jobs creation. The implementation of a circular economy has a disruptive impact on company operations and leads to the need of establishing new business models. While the concept remains significantly unexplored, few studies outline a practical approach to implement principles of circular economy in companies.

Room location: Classroom

SESSION 102

SMALL SIZE / BIG SCALE

Presented by

Rachel Foster. MKC Architects Josh Tomey, MKC Architects

1 GBCI CE. 1 AIA LU/HSW

In 1973, the average home size was 1,660sf. By 2015, this increased almost two-fold to an ostentatious 2,680sf. Conversely, during this same period the number of Americans living alone more than tripled. Moreover, with larger spaces comes larger rents. Almost 1/3rd of Americans spend more than the 30% threshold of their income on housing. Affordability is a crisis, size is its cause.

Small-Size // Big-Scale is a holistic approach to spatial design to be both aggressively interesting and livable. Transcending traditional urban planning, solutions to the housing crisis can start with welldesigned, versatile interiors that subsequently address housing challenges of the 21st-century. Using alternative zoning approaches, this research proposes a time-lapse journey through a new and speculative Columbus - aimed at increasing livability. Our presentation aims to coalesce historical and architectural evidence through design techniques to articulate a broader discourse in the development of Small-Size // Big Scale ways of life in lieu of the Mega-Scale.

Room location: Event Center 3

SESSION 103

MAKING THE TRANSITION TO THE 2024 OBC

Presented by

Kurt Beres, MA Dersign

1 GBCI CE. 1 AIA LU/HSW

This presentation covers the significant changes in the model code that will be adopted as part of the 2024 Ohio Building Code. The presentation will also lightly touch upon the OEBC, ANSI A17.1 2017, and the new Ohio Energy Codes, but it will primarily address the significant code changes found in the IBC, including changes adopted at the state level.

Room location: Culinary Theater

SESSION 104

FACILITATING WELLNESS THROUGH THERAPEUTIC BUILDING DESIGN

Presented by

Lane Beougher, Ohio Facilities Construction Commission **Todd Hager, Ohio Facilities Construction Commission** Allison Johnson, HOK

Cassidy Jenney, Ohio Department of Rehabilitation and Correction Tara Nickle, Ohio Reformatory for Women

1 GBCI CLEED specific BD+C & ID+C, 1 WELL specific, 1 AIA LU/HSW

This project created a center of healing for offenders with severe mental illness, providing a continuum of care for Ohio's largest women's correctional facility. This project incorporates several key strategies from the WELL v2 playbook that recruit the building as a healing tool and is pursuing both LEED v4 BD+C and WELL v2 certification.

Room location: Boardroom

9:20 AM - 10:20 AM

SESSION 201

CRITICAL COLLABORATION AND TRANSFORMATIONAL PLACES – LAKEWOOD **CEMETERY WELCOME CENTER AND THE** MINNESOTA ZOO TREETOP TRAIL

Presented by

Matthew Kreilich. Snow Kreilich Architects Karen Lu. Snow Kreilich Architects Ross Altheimer. TEN x TEN

1 GBCI CE, 1 AIA LU/HSW

Lakewood Cemetery Welcome Center and the Minnesota Zoo Treetop Trail will be discussed through the lenses of performative and phenomenological architecture and landscapes. The design of the two projects engages in and amplifies liminal spaces, transitions and perspective shifts to create transformative places. They also both deeply integrate sustainable thinking to amplify experience design. Snow Kreilich Architects and TEN x TEN Landscape Architects are fascinated with how people move through and experience space and believe cross-disciplinary collaboration necessitates good design. Lakewood Cemetery Welcome Center is designed to be a Net Zero project, producing all energy onsite, while the Minnesota Zoo Treetop Trail will be SITES certified. Both studios will discuss the challenges and processes required to achieve these results.

Room location: Boardroom

SESSION 203

SECURITY CONSIDERATIONS FOR BUILDING **DESIGN**

Presented by

Ryan Searles, IMEG

1 GBCI CE. 1 AIA LU/HSW

With the uptick in violent events throughout the country—whether active shooter events, assaults, civil unrest, etc.—building owners must plan for the safety of their building occupants. Including security needs during the design phase provides the most effective and cost-efficient solutions for mitigating emergency events, avoiding the potential loss of life, and providing an overall robust security program

Presenter Ryan Searles of IMEG will discuss the importance of involving security consultants early in the design and how doing so can save time, money, and lives. Searles, who has earned the Crime Prevention Through Environmental Design (CPTED) Professional Designation (CPD), will discuss how using CPTED strategies can help maintain the aspects that make a facility feel familiar and implement security measures without creating an overly institutionalized aesthetic.

Room location: Event Center 3

SESSION 202

IMPLEMENTING PASSIVE HOUSE PRINCIPLES IN THREE HOMES: HISTORIC RETROFIT AND **NEW CONSTRUCTION**

Presented by

Sanyog Rathod, Sol Design + Consulting Carl Sterner, Sterner

1 GBCI LEED spcific BD+C, 1 HOMES specific,, 1 AIA LU/HSW

Passive House design principles - including super-insulation, high airtightness, and elimination of thermal bridges - can achieve exceptional performance in both new construction and renovation projects. This presentation reviews the fundamentals of Passive House design, and explores how these principles were implemented in three very different contexts: a townhome in a historic district (the Myers-Heckman Residence), the renovation of an existing non-heritage home (the Moothart Residence), and a new construction project in an infill site (the Iowa City Nest Residence).

Specifically, we review the building envelope and mechanical systems that were used to achieve performance and design goals in each case, and discuss how the unique challenges and constraints of the sites and existing structures informed the approaches. Each project has earned either LEED Homes Platinum or Phius+ Certification, and two are Net Zero Energy homes.

Room location: Culinary Theater

SESSION 204

SPECS WRITE NOW: GENERATIVE AI AND SUCCESSFUL TECHNOLOGY DRIVEN PROJECT OUTCOMES

Presented by

Richard Ruppert, RIB Software

1 GBCI CE, 1 AIA LU/HSW

At some point every technology we now employ to see a building project through to successful completion was at first 'emerging'. The relative value and shared adoption of these advancements were only realized through our collective genius and a wholly human touch. Generative AI may be no different in capable hands. Making things easier is an oft repeated mantra within our business, but are those things being made better and more effective as a result? This all points toward immediate opportunities for thoughtful, reliable, informed communication of intent realized as exceptional outcomes. Who better to deliver this message than the people that have weathered it all, project specifying professionals.

Join us as we footnote the past, try to explain the present, and herald an optimistic future for technologically enhanced building project delivery processes featuring the written word, specifications.

Room location: Classroom

KEYNOTE PANEL

12:00 PM - 1:00 PM

PURSUING LEED AND WELL STANDARDS ON A \$250 MILLION DEVELOPMENT

Presented by



SHAWN BOYSKO, Design Build Manager

Shawn is a relationship-based manager with over 20 years of real estate, design, architecture, engineering, onstruction, and project management experience. He has extensive experience leading diverse teams and delivering quality results. With a background in architecture, as well as experience in construction and engineering, Shawn is uniquely suited to supporting design build projects. As design-build manager, Shawn provides fluid communication and a comprehensive approach to leading the design and construction process from inception to completion.



JESSICA GLORIUS-DANGELO, Sustanability Manager

Jessica is Sustainability Manager and Project Manager at MA Design. She is a licensed architect who is passionate about sustainability and health and wellness in the built environment. She is a LEED AP, WELL AP, Living Future Accredited Professional, and Fitwel Ambassador.



HEATHER SCHREIBER, Director of Marketing

Advanced Drainage Solutions

With 25 years of experience, Heather Schreiber began in broadcast journalism, becoming the executive producer for ABC6/FOX28 morning shows. She transitioned into marketing at Value City Furniture, where she was a copywriter and launched the company's digital presence. Her work led to Google recognizing Value City Furniture as one of the top brands utilizing social media effectively. She then moved to B2B marketing at Simonton Windows, which was later acquired by Ply Gem, where she was promoted to Director of Digital Marketing. Currently, Heather is the Director of Marketing at Advanced Drainage Systems, where she has led a company rebranding, redesigned the website, launched a blog, and drives the company's digital transformation and brand integrity.

1 GBCI LEED specific BD+C, 1 WELL specific, 1 AIA LU/HSW



In this discussion we will provide an overview of Truepointe, Equity's 250mm mixed-use development located in Hilliard Ohio, and discuss the site's stormwater collection and rainwater harvesting systems that utilize ADS materials. We will delve into ADS's brand differentiators, including their commitment to LEED and WELL design, and examine the impact of ADS's brand on the building design. We will also explore the ADS HQ Office's design, its relation to the master plan and ADS brand, and how ADS's desire for LEED Silver and WELL impacted the C&S design.y.

Room location: Event Center 1 & 2

EDUCATION SESSIONS (CONTINUED)

1:30 PM - 2:30 PM

SESSION 301

THE BIGGER PICTURE: CASE STUDY OF CINCINNATI PUBLIC RADIO MASS TIMBER PROJECT

Presented by

Doug Steimle, Schaefer Lara Stroup, Schaefer. Adam Luginbill, emersion DESIGN

1 GBCI LEED specific BD+C, 1 AIA LU/HSW

With mass timber structures on the rise across the world, the limits of Cross Laminated Timber in North America are continually being pushed and new applications found. Join us as we dig into the Cincinnati Public Radio mass timber LEED v4 BD+C project, to learn how we did it and how you can utilize the material's strength, speed of construction, minimal labor efforts and sustainable qualities on your next project.

Room location: Culinary Theater

SESSION 302

BUILDING THE FUTURE: 3D PRINTED HOUSING AND ITS TRANSFORMATIVE IMPACT

Presented by

Robert Donaldson, Moody Nolan Sam Marcum, Moody Nolan Kathleen Sonnhalter, Cleveland Public Library

1 GBCI CE, 1 AIA LU/HSW

The future of construction is being reshaped by the revolutionary technology of 3D printed housing. This speaking engagement explores the profound implications of 3D printed housing for the way we design, build, and inhabit our homes

Room location: Event Center 3

SESSION 303

COST-EFFECTIVE NET-ZERO ENERGY SCHOOL CONSTRUCTION STRATEGIES

Presented by

Donn Thompson, *National Ready Mixed Concrete Association* **Kenny Standfield**, *Sherman Carter Barnhart Architects*

1 GBCI CE. 1 AIA LU/HSW

Zero-energy school construction is a growing trend across the country. A combination of advanced energy-efficiency strategies, affordable solar power and innovative building envelope systems is making affordable high performance possible.

Systems like insulating concrete forms (ICFs), combine the strength and durability of reinforced concrete with the versatility and energy efficiency of rigid insulation.

This education program provides designers and school administrators with zero-energy strategies along with details on how to take advantage of the high R-value and thermal mass of ICFs to offer affordable schools with significant energy cost savings over the long term. Project profiles demonstrate how school districts with limited construction budgets have succeeded in building sustainable, high performance, facilities that enable them to reduce operating costs and transfer funds to support the educational programs of the district."

Room location: Boardroom

SESSION 304

THE VERENA AT HILLIARD: A JOURNEY FROM DORMANT STRUCTURE TO THE FIRST FITWEL-CERTIFIED INDEPENDENT LIVING COMMUNITY IN OHIO

Presented by

Jessica Glorius-Dangelo, MA Design Russ Garber, MA Design Josh Ryan, Green Courte Partners

1 GBCI CE, 1 AIA LU/HSW

The integration of sustainable and healthy building strategies into existing senior living building stock is a critical, yet challenging, pursuit. According to the CDC, 85.6% of adults aged 65 and older have at least one chronic disease, most of which are preventable through healthy living. By integrating wellness strategies throughout senior living facilities, building design can positively impact the wellbeing of not only the residents, but the staff and visitors as well.

This panel will explore the journey of converting an incomplete and dormant multi-family apartment building into a fully equipped senior living community using Fitwel Certification. Join our panel of architects, owners, and owners representatives as we review how the Verena at Hilliard achieved a 1-Star Fitwel Certification.

Room location: Classroom

EDUCATION SESSIONS (CONTINUED)

3:00 PM - 4:00 PM

SESSION 401

OLD BUILDINGS SHOULD BE POSITIVE, TOO

Presented by

Chad Edwards, emersion DESIGN Jerry Noble, Pepper Construction

1 GBCI LEED specific BD+C, 1 WELL specific, 1 AIA LU/HSW

Most preservationists get nervous when a building owner wants to renovate a historic property to be Net Positive Energy; now they don't have to be. Nightmarish thoughts of ripped-out single-pane historic windows or covering up significant details in pursuit of an energy efficiency can keep preservationists up at night. Building owners are fighting for every dollar to help fund their sustainability goals and their renovation needs. This presentation will use Pepper Construction's WELL v2 Silver/ LEED v4 Gold/ Net Positive Energy pending Headquarters as a case study to showcase how-to tactics for other historic renovations.

Room location: Culinary Theater

SESSION 402

CITY OF COLUMBUS PILOT ADU PROGRAM

Presented by

Jonathan Barnes, Jonathan Barnes Architecture and Design Kayla Mahoney, Jonathan Barnes Architecture and Design Fontyne Pagan, Jonathan Barnes Architecture and Design

1 GBCI CE, 1 AIA LU/HSW

The City of Columbus Accessory Dwelling Unit (ADU) Prototype Project is a key component in the efforts to solve the city's housing crisis. This project provides a guide for homeowners to navigate the development, entitlements and construction processes in order to build an ADU on their property. The ADU guide describes typical residential lot conditions within selected Community Reinvestment Areas (CRA) neighborhoods that have been analyzed with ideal lost sizes identified. With that, several ADU prototype designs have been developed to be compatible with those lots. These prototype designs offer residents, through the city's The ADU Program, a range of ADU design options to fit their properties, their needs and their budgets. The goal of the project is to create more housing opportunities in more places throughout the city.

Room location: Event Center 3

SESSION 403

ENERGY ADVANCEMENT AND INNOVATION CENTER: DESIGN INTENT AND SUCCESSES

Presented by

Brendan Flaherty, The Ohio State University
Kevin McCaughey, AEC
Lindsay Smith, Smith-Miller + Hawkinson Architects
Laurie Hawkinson. Smith-Miller + Hawkinson Architects

1 GBCI CE, 1 AIA LU/HSW

The Energy Advancement and Innovation Center will be a space for Ohio State faculty members, students, alumni, ENGIE Buckeye Operations researchers, local entrepreneurs and industry experts to work together on the next generation of smart energy systems, renewable energy and green mobility solutions.

Room location: Boardroom

SESSION 404

CONSIDERING TRAUMA: DESIGN FOR HEALING ACROSS MARKETS

Presented by

Joe Mayer, DesignGroup Kristina Bertocchi, DesignGroup Jocelyn Krosky, DesignGroup

1 GBCI CE, 1 AIA LU/HSW

For a truly healthy community, facility design must take everyone into consideration. Those struggling with mental health, addiction, trauma, and other challenges are often overlooked or can often be difficult to reach with services. Until recently, facilities for these people were purpose-built -- sterile, cold, purely functional. They rarely integrated beneficial design choices adopted in more traditional patient environments, such as brighter colors, greater use of natural light, and biophilia – the integration of natural elements. In this compelling presentation, architects and designers from DesignGroup will show, through narratives and examples, how their teams are using design and biophilic concepts to improve the experiences of people in community-based and outreach settings for behavioral health.

Room location: Classroom

SUMMARY

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	Session	Title	CE Hours
	101	Circular Economy - Closing the Loop is the Future of	1 GBCI CE
		Business	1 AIA LU/HSW
		(Sustainable Solutions)	
	102	Small Size / Big Scale	1 GBCI CE
8:00am	102	(MKC Architects)	1 AIA LU/HSW
	400	,	1 GBCI CE
	103	Making the Transition to the 2024 OBC	1 AIA LU/HSW
		(MA Design)	
	104	Facilitating Wellness Through Therapeutic Building Design	1 GBCI LEED specific BD+C & ID+C
		(OFCC / ODRC / ORW / HOK)	1 WELL specific
			1 AIA LU/HSW
	201	Critical Collaboration and Transformational Places –	1 GBCI CE
		Lakewood Cemetery Welcome Center and the Minnesota	1 AIA LU/HSW
		Zoo Treetop Trail	
		(Snow Kreilich Architects / Ten X Ten)	
	202	Implementing Passive House Principles in Three Homes:	1 GBCI LEED specific BD+C &
am		Historic Retrofit and New Construction	HOMES
9:30 am		(Sol design / Sterner)	1 AIA LU/HSW
9:3	202		4 0001 05
	203	Security Considerations for Building Design	1 GBCI CE
		(IMEG)	1 AIA LU/HSW
	204	Specs Write Now: Generative AI and Successful	1 GBCI CE
		Technology Driven Project Outcomes	1 AIA LU/HSW
		(RIB Software)	
	Keynote	Pursuing LEED and WELL standards on a \$250 Million	1 GBCI LEED specific BD+C
12pm	rtoynote	Development	1 WELL specific
121		(Equity Construction Solutions, MA Design)	1 AIA LU/HSW
	301	The Bigger Picture: Case Study of Cincinnati Public Radio	1 GBCI LEED specific BD+C
		Mass Timber Project	1 AIA LU/HSW
		(Schaefer / emersion DESIGN)	
	302	,	1 GBCI CE
	302	Building the Future: 3D Printed Housing and Its	1 GBCI CE 1 AIA LU/HSW
	302	Building the Future: 3D Printed Housing and Its Transformative Impact	1 GBCI CE 1 AIA LU/HSW
m		Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon)	1 AIA LU/HSW
30pm	302	Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction	1 AIA LU/HSW 1 GBCI CE
1:30pm		Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies	1 AIA LU/HSW
1:30pm		Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed	1 AIA LU/HSW 1 GBCI CE
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1:30pm		Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed Concrete Association) The Verena at Hilliard: A Journey From Dormant Structure	1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE
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	303 304 401 402	Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed Concrete Association) The Verena at Hilliard: A Journey From Dormant Structure to the First Fitwel-Certified Independent Living Community in Ohio (MA Design / Green Courte Partners / MLC Services) Old Buildings Should Be Positive, Too. (emersion DESIGN / Pepper Construction / CMTA) City of Columbus Pilot ADU Program (Jonathan Barnes / City of Columbus) Energy Advancement and Innovation Center: Design Intent	1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI LEED specific BD+C 1 WELL specific 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW
	303 304 401 402 403	Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed Concrete Association) The Verena at Hilliard: A Journey From Dormant Structure to the First Fitwel-Certified Independent Living Community in Ohio (MA Design / Green Courte Partners / MLC Services) Old Buildings Should Be Positive, Too. (emersion DESIGN / Pepper Construction / CMTA) City of Columbus Pilot ADU Program (Jonathan Barnes / City of Columbus) Energy Advancement and Innovation Center: Design Intent and Successes (OSU / AEC / Smith-Miller+Hawkinson)	1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI LEED specific BD+C 1 WELL specific 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW
	303 304 401 402	Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed Concrete Association) The Verena at Hilliard: A Journey From Dormant Structure to the First Fitwel-Certified Independent Living Community in Ohio (MA Design / Green Courte Partners / MLC Services) Old Buildings Should Be Positive, Too. (emersion DESIGN / Pepper Construction / CMTA) City of Columbus Pilot ADU Program (Jonathan Barnes / City of Columbus) Energy Advancement and Innovation Center: Design Intent and Successes (OSU / AEC / Smith-Miller+Hawkinson) Treating Trauma: Using Design and Biophilia to Improve	1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI LEED specific BD+C 1 WELL specific 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW
	303 304 401 402 403	Building the Future: 3D Printed Housing and Its Transformative Impact (Vitruvian / American Makes / IC3D / Pantheon) Cost Effective Net Zero Energy School Construction Strategies (Sherman Carter Barnhart / National Ready Mixed Concrete Association) The Verena at Hilliard: A Journey From Dormant Structure to the First Fitwel-Certified Independent Living Community in Ohio (MA Design / Green Courte Partners / MLC Services) Old Buildings Should Be Positive, Too. (emersion DESIGN / Pepper Construction / CMTA) City of Columbus Pilot ADU Program (Jonathan Barnes / City of Columbus) Energy Advancement and Innovation Center: Design Intent and Successes (OSU / AEC / Smith-Miller+Hawkinson)	1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI LEED specific BD+C 1 WELL specific 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW 1 GBCI CE 1 AIA LU/HSW

PRESENTATION LOCATION

1ST FLOOR

CULINARY THEATRE

SESSION 103
SESSION 202
SESSION 301
SESSION 401
SESSION 402
SESSION 402

BOARDROOM

 SESSION 104
 SESSION 101

 SESSION 201
 SESSION 204

 SESSION 303
 SESSION 304

 SESSION 403
 SESSION 404

EVENT CENTER ROOM 1 & 2 KEYNOTE & HAPPY HOUR CULINARY THEATRE BOARDROOM Capacity 60 1ST FLOOR

2ND FLOOR ······

EVENT CENTER ROOM 3

CLASSROOM

VENDOR LOCATION

40T F	TLOOP	04.0-	0.110.001105===
151 F	LOOR·····	34-35	OHIO CONCRETE
01-02	SCHLUTER	36-37	SEWARD ASSOCIATES
03-04	ALLEGUARD	38-39	ALLEGION
05	NATIONAL GYPSUM	40-41	GUARDIAN INDUSTRIES
06-07	ENGINEERED SYSTEMS	42	
08	ASSA ABLOY	43	IKM ARCHITECTURE
09-10	LX HAUSYS	44	SIKA USA
11-18	REPS OF OHIO	45	CENTRIA / VULCAN METAL SALES
19	SOLAR TINT	46	PPG PAINTS
20	THE GARLAND COMPANY	47	PRESTIGE STONE PRODUCTS, LLC
21	INTERIOR SUPPLY	48	PELLA
22	TNT ROOFING	49	SHERWIN-WILLIAMS
22	TIVI NOOLING	50	THE EISEN GROUP
		51	DUPONT PERFORMANCE BUILDING SOLUTIONS / PARKSITE
2ND	FLOOR	52	RANCO ARCHITECTURAL
23	KINGSPAN - BENCHMARK	53	DIMENSIONAL METALS, INC.
24-25	OLSON ARCHITECTURAL PRODUCTS	54	
26	L&W SUPPLY	55	
27	USG	56	
28	TNEMEC COMPANY	57	FALK PANEL
29-30	AULTIMATE SALES GROUP	58	DIMIT ARCHITECTS
31-33	TREMCO CPG, INC.	59	KURARAY AMERICA, INC.
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